

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
 Data File : BF132493.D
 Acq On : 21 Feb 2023 13:19
 Operator : CG\JU
 Sample : PB150926BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150926BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2023
 Supervised By : Jagrut Upadhyay 02/22/2023

Supervised By : Jagrut
 Upadhyay
 02/22/2023

Quant Time: Feb 22 00:49:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 16:43:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	268587	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	1021566	20.000	ng	0.00
39) Acenaphthene-d10	10.077	164	573952	20.000	ng	0.00
64) Phenanthrene-d10	11.571	188	1061059	20.000	ng	0.00
76) Chrysene-d12	14.230	240	596941	20.000	ng	0.00
86) Perylene-d12	15.789	264	471770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1366713	81.537	ng	0.01
7) Phenol-d6	6.654	99	1775596	81.125	ng	0.00
23) Nitrobenzene-d5	7.595	82	1707278	80.302	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	486070	84.880	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2591838	69.737	ng	0.00
79) Terphenyl-d14	13.166	244	3045072	92.902	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.984	88	264401	29.159	ng	97
3) Pyridine	3.737	79	669593	27.204	ng	99
4) n-Nitrosodimethylamine	3.707	42	365421	37.602	ng	97
6) Aniline	6.684	93	1022008	33.518	ng	98
8) 2-Chlorophenol	6.807	128	749703	43.812	ng	96
9) Benzaldehyde	6.572	77	197883	16.910	ng	98
10) Phenol	6.666	94	940440m	40.545	ng	
11) bis(2-Chloroethyl)ether	6.754	93	835141	42.447	ng	99
12) 1,3-Dichlorobenzene	6.966	146	732019	39.269	ng	96
13) 1,4-Dichlorobenzene	7.042	146	737149	39.641	ng	99
14) 1,2-Dichlorobenzene	7.189	146	726086	42.619	ng	97
15) Benzyl Alcohol	7.166	79	730419	45.117	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1096976	40.100	ng	96
17) 2-Methylphenol	7.272	107	637351	39.126	ng	100
18) Hexachloroethane	7.536	117	297886	42.426	ng	100
19) n-Nitroso-di-n-propyla...	7.442	70	551211	41.080	ng	97
20) 3+4-Methylphenols	7.425	107	736228	36.605	ng	# 77
22) Acetophenone	7.436	105	1007324	38.047	ng	100
24) Nitrobenzene	7.613	77	892874	38.304	ng	99
25) Isophorone	7.848	82	1696978	40.620	ng	99
26) 2-Nitrophenol	7.925	139	405826	44.786	ng	97
27) 2,4-Dimethylphenol	7.954	122	661852	40.454	ng	99
28) bis(2-Chloroethoxy)met...	8.048	93	978158	40.065	ng	99
29) 2,4-Dichlorophenol	8.166	162	626186	40.570	ng	98
30) 1,2,4-Trichlorobenzene	8.248	180	690684	40.237	ng	98
31) Naphthalene	8.336	128	1932792	36.457	ng	100
32) Benzoic acid	8.101	122	536875	45.822	ng	97
33) 4-Chloroaniline	8.378	127	484741	22.007	ng	94
34) Hexachlorobutadiene	8.442	225	447990	41.339	ng	99
35) Caprolactam	8.772	113	242804m	48.456	ng	
36) 4-Chloro-3-methylphenol	8.860	107	698406	40.440	ng	99
37) 2-Methylnaphthalene	9.025	142	1319181	36.973	ng	100
38) 1-Methylnaphthalene	9.125	142	1242583	37.069	ng	100
40) 1,2,4,5-Tetrachloroben...	9.189	216	692849	37.255	ng	99
41) Hexachlorocyclopentadiene	9.178	237	831157	81.369	ng	100
43) 2,4,6-Trichlorophenol	9.301	196	494816	40.389	ng	100

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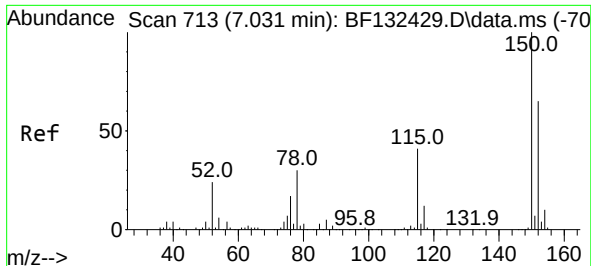
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	521692	36.560	ng	98
46) 1,1'-Biphenyl	9.489	154	1603012	36.085	ng	98
47) 2-Chloronaphthalene	9.519	162	1291939	37.053	ng	99
48) 2-Nitroaniline	9.613	65	470161	38.432	ng	97
49) Acenaphthylene	9.936	152	1945048	35.110	ng	99
50) Dimethylphthalate	9.795	163	1590741	37.636	ng	100
51) 2,6-Dinitrotoluene	9.860	165	361839	39.366	ng	88
52) Acenaphthene	10.113	154	1435517m	41.639	ng	
53) 3-Nitroaniline	10.030	138	310433	29.415	ng	97
54) 2,4-Dinitrophenol	10.136	184	461154	80.744	ng	# 90
55) Dibenzofuran	10.283	168	1782718	34.852	ng	98
56) 4-Nitrophenol	10.195	139	573928	74.960	ng	97
57) 2,4-Dinitrotoluene	10.266	165	482742	39.896	ng	100
58) Fluorene	10.630	166	1407251	36.389	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.401	232	435474	40.380	ng	97
60) Diethylphthalate	10.495	149	1524869	36.700	ng	99
61) 4-Chlorophenyl-phenyle...	10.613	204	736553	36.370	ng	99
62) 4-Nitroaniline	10.654	138	376438	38.226	ng	98
63) Azobenzene	10.777	77	1626484	35.380	ng	98
65) 4,6-Dinitro-2-methylph...	10.677	198	291389	44.172	ng	89
66) n-Nitrosodiphenylamine	10.736	169	1262324	38.761	ng	99
67) 4-Bromophenyl-phenylether	11.107	248	474710	40.820	ng	97
68) Hexachlorobenzene	11.177	284	517899	42.604	ng	98
69) Atrazine	11.266	200	442601	44.154	ng	100
70) Pentachlorophenol	11.377	266	566584	74.968	ng	99
71) Phenanthrene	11.601	178	2034456	37.228	ng	99
72) Anthracene	11.654	178	2052966	36.543	ng	99
73) Carbazole	11.807	167	1871944	37.017	ng	99
74) Di-n-butylphthalate	12.119	149	2327993	38.649	ng	99
75) Fluoranthene	12.795	202	2191113	35.952	ng	99
77) Benzidine	12.907	184	463456	36.461	ng	98
78) Pyrene	13.030	202	2199257	43.369	ng	99
80) Butylbenzylphthalate	13.630	149	868238	45.884	ng	100
81) Benzo(a)anthracene	14.218	228	1680318	38.433	ng	100
82) 3,3'-Dichlorobenzidine	14.177	252	436957	37.417	ng	97
83) Chrysene	14.260	228	1548635	37.073	ng	100
84) Bis(2-ethylhexyl)phtha...	14.189	149	1033652	42.198	ng	# 97
85) Di-n-octyl phthalate	14.818	149	1565460	44.012	ng	98
87) Indeno(1,2,3-cd)pyrene	17.418	276	1537205	50.973	ng	98
88) Benzo(b)fluoranthene	15.324	252	1406075	45.322	ng	100
89) Benzo(k)fluoranthene	15.359	252	1217097	39.203	ng	99
90) Benzo(a)pyrene	15.724	252	1175399	40.768	ng	99
91) Dibenzo(a,h)anthracene	17.436	278	1296605	52.201	ng	99
92) Benzo(g,h,i)perylene	17.918	276	1337743	52.443	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

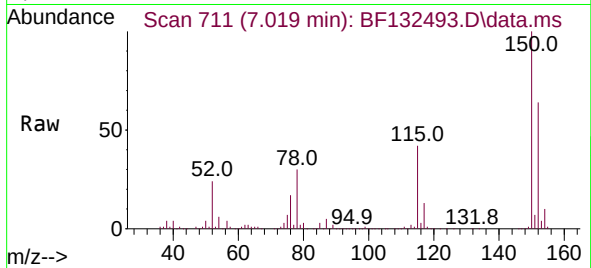
Supervised By :Jagrut
Upadhyay
02/22/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

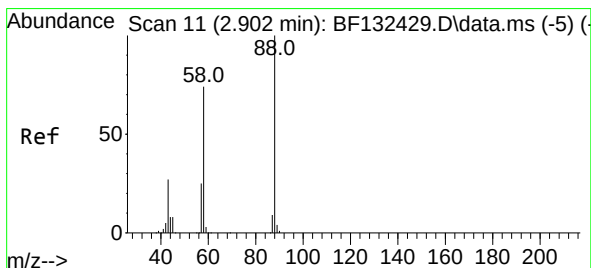
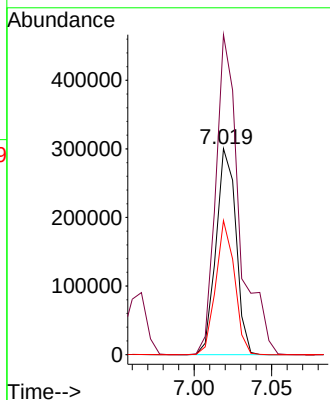
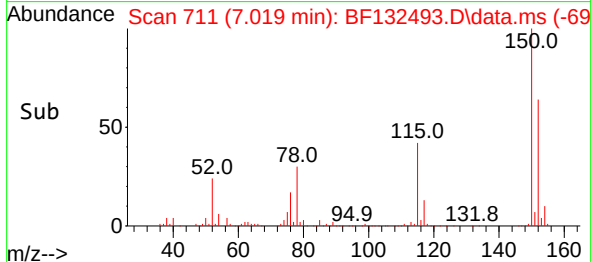


Tgt Ion:152 Resp: 26858
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.8
115 65.0 50.4 75.6

Manual Integrations
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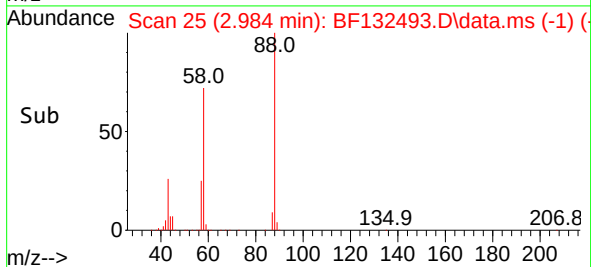
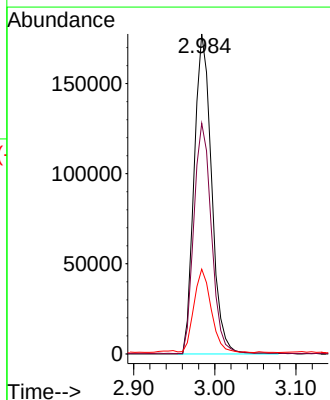
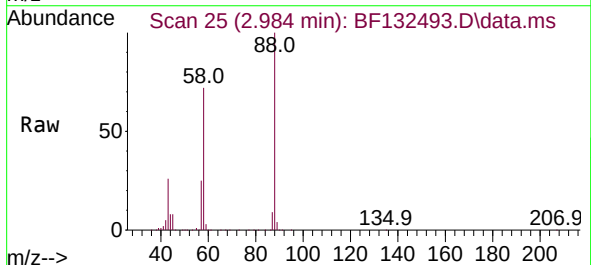
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Supervised By :Jagrut Upadhyay 02/22/2023

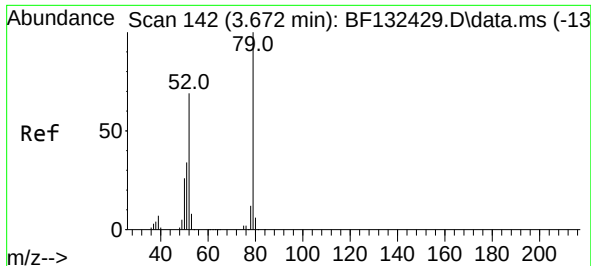
Supervised By :Jagrut
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02/22/2023



#2
1,4-Dioxane
Concen: 29.159 ng
RT: 2.984 min Scan# 25
Delta R.T. 0.082 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

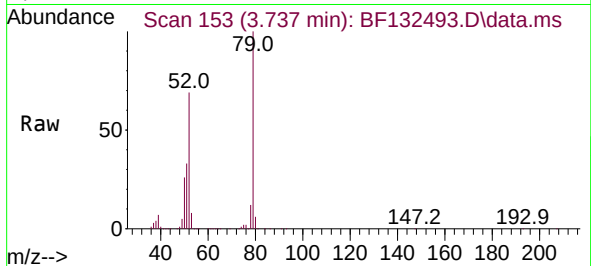
Tgt Ion: 88 Resp: 264401
Ion Ratio Lower Upper
88 100
58 72.2 60.1 90.1
43 25.7 21.5 32.3





#3
Pyridine
Concen: 27.204 ng
RT: 3.737 min Scan# 142
Delta R.T. 0.065 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

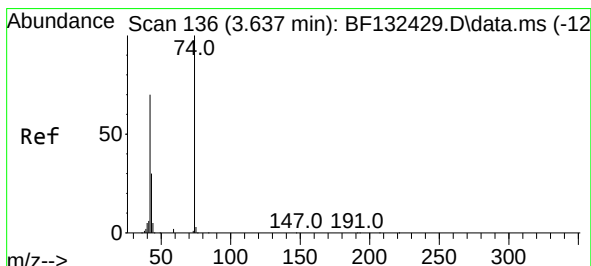
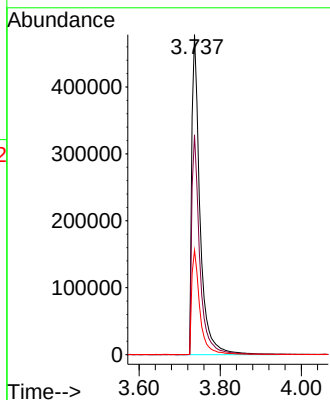
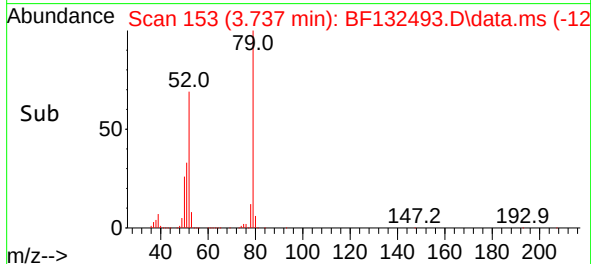


Tgt Ion: 79 Resp: 669593
Ion Ratio Lower Upper
79 100
52 68.7 55.0 82.6
51 32.6 27.0 40.6

Manual Integrations
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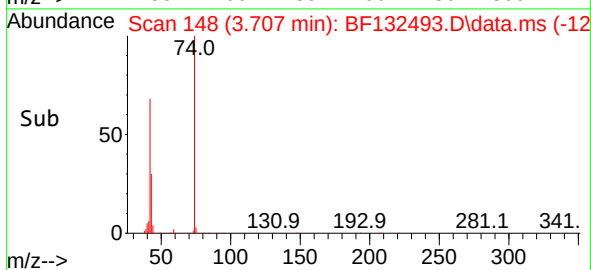
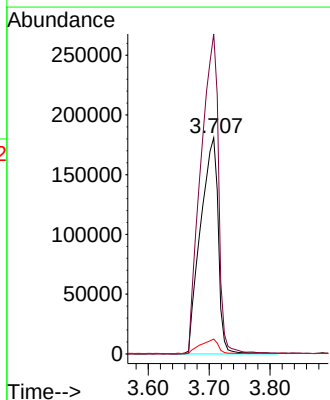
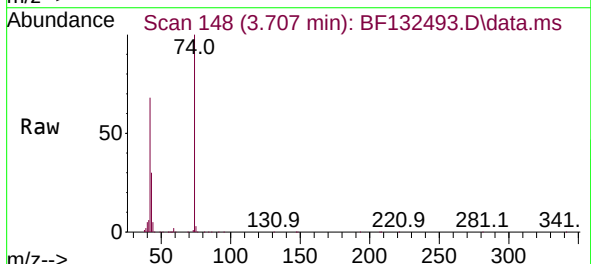
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

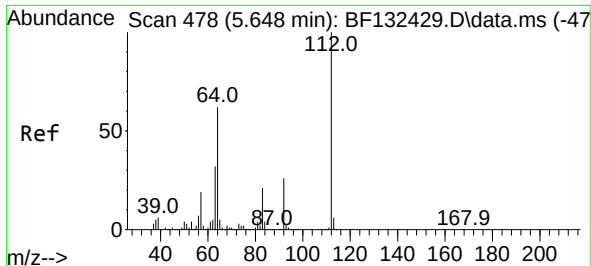
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Upadhyay
02/22/2023



#4
n-Nitrosodimethylamine
Concen: 37.602 ng
RT: 3.707 min Scan# 148
Delta R.T. 0.065 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

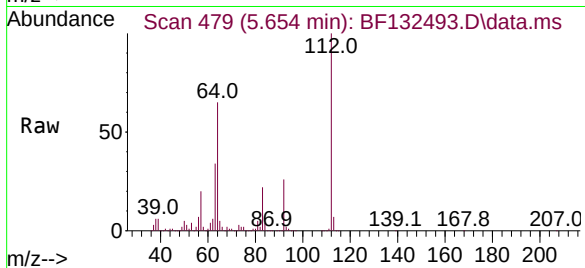
Tgt Ion: 42 Resp: 365421
Ion Ratio Lower Upper
42 100
74 148.1 115.1 172.7
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 81.537 ng
RT: 5.654 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

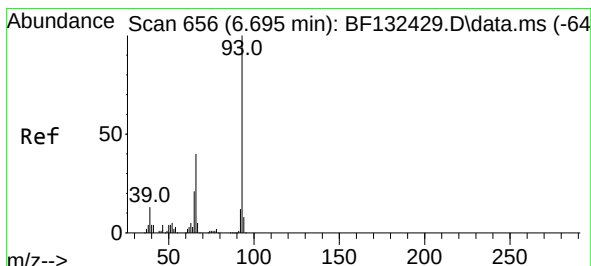
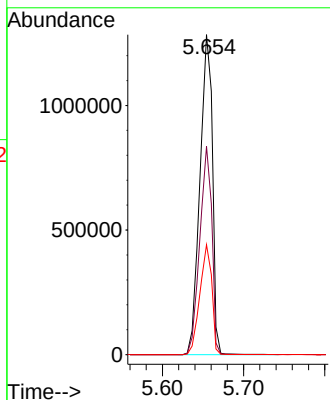
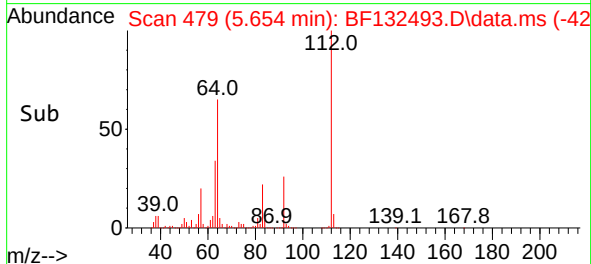


Tgt Ion:112 Resp: 1366713
Ion Ratio Lower Upper
112 100
64 65.1 49.7 74.5
63 34.3 25.8 38.8

Manual Integrations
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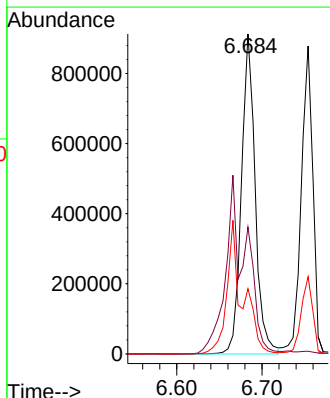
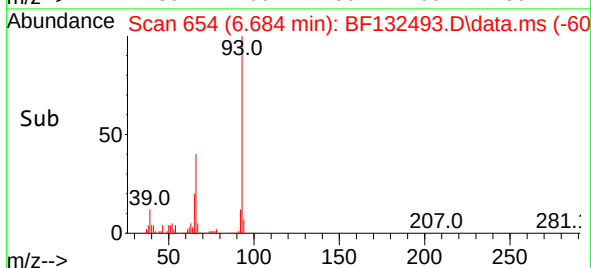
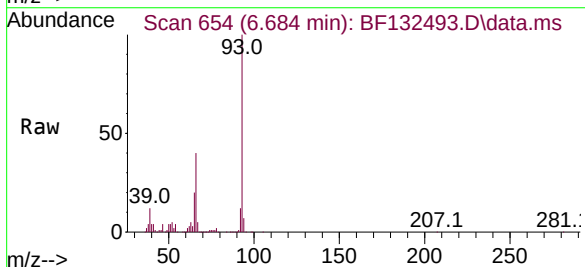
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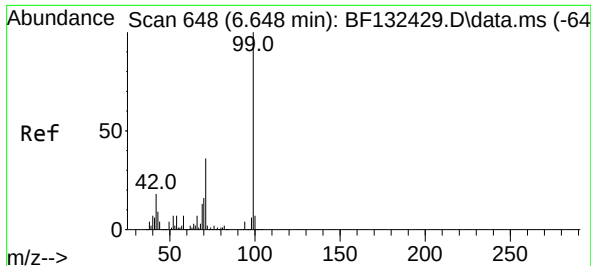
Supervised By :Jagrut
Upadhyay
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#6
Aniline
Concen: 33.518 ng
RT: 6.684 min Scan# 654
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

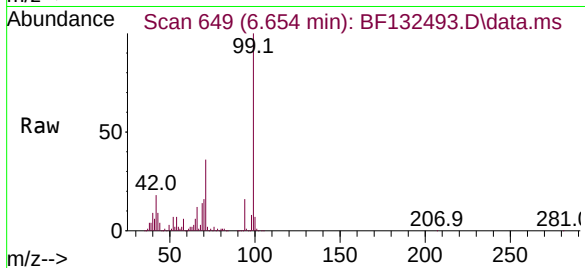
Tgt Ion: 93 Resp: 1022008
Ion Ratio Lower Upper
93 100
66 39.6 32.7 49.1
65 20.4 17.1 25.7





#7
Phenol-d6
Concen: 81.125 ng
RT: 6.654 min Scan# 648
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
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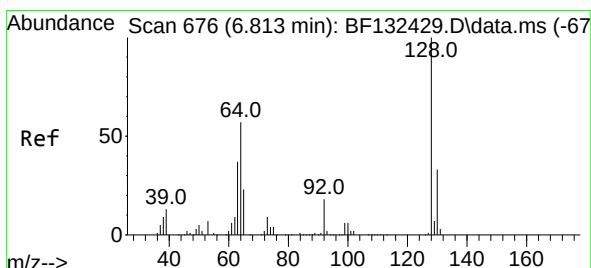
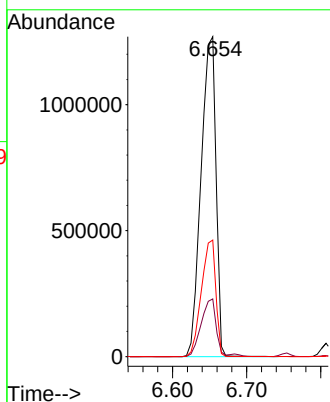
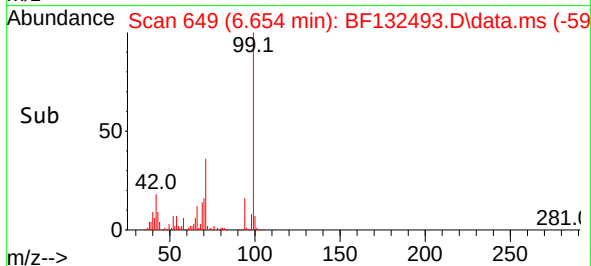


Tgt Ion: 99 Resp: 1775596
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 36.5 28.7 43.1

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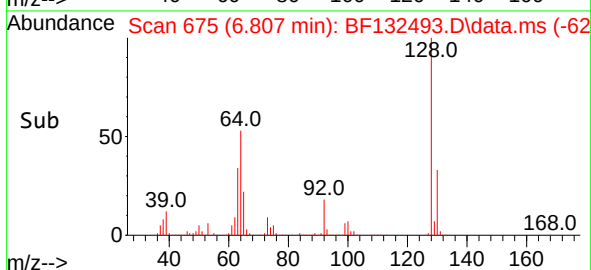
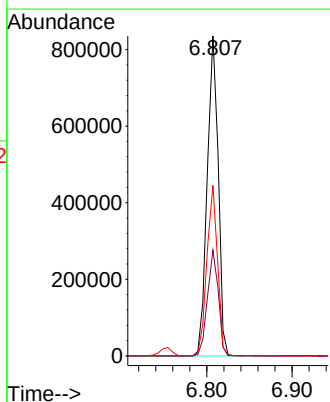
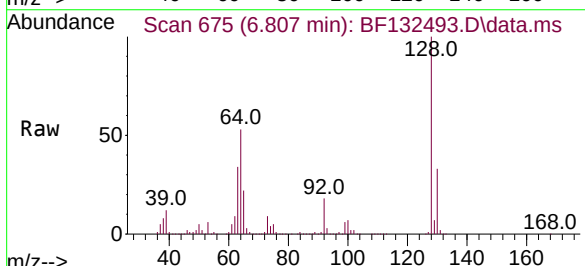
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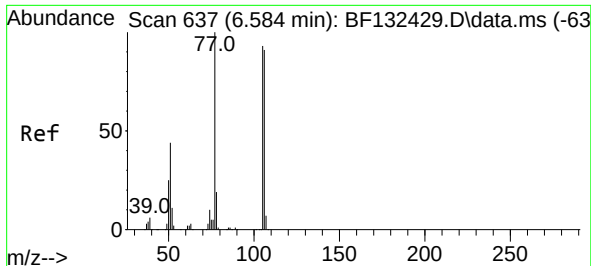
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Upadhyay
02/22/2023



#8
2-Chlorophenol
Concen: 43.812 ng
RT: 6.807 min Scan# 675
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

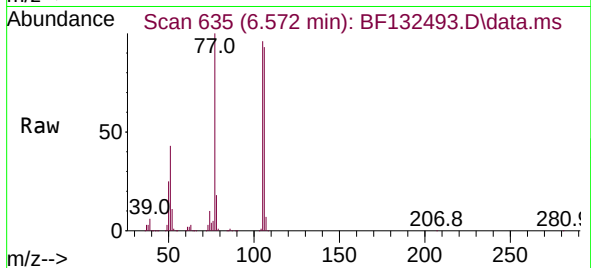
Tgt Ion:128 Resp: 749703
Ion Ratio Lower Upper
128 100
130 33.1 13.0 53.0
64 53.3 37.9 77.9





#9
Benzaldehyde
Concen: 16.910 ng
RT: 6.572 min Scan# 635
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
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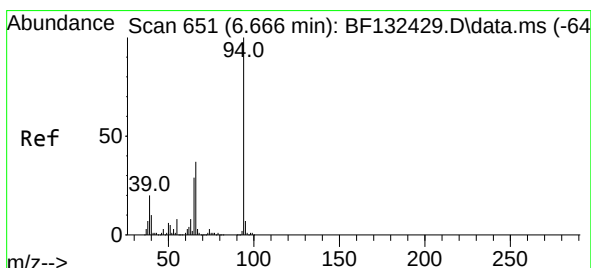
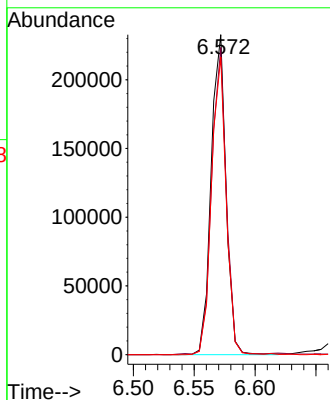
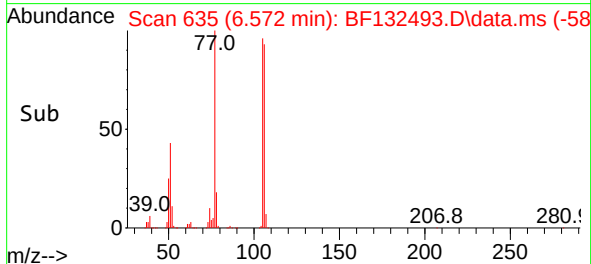


Tgt Ion: 77 Resp: 197883
Ion Ratio Lower Upper
77 100
105 96.0 73.2 113.2
106 93.0 71.5 111.5

Manual Integrations
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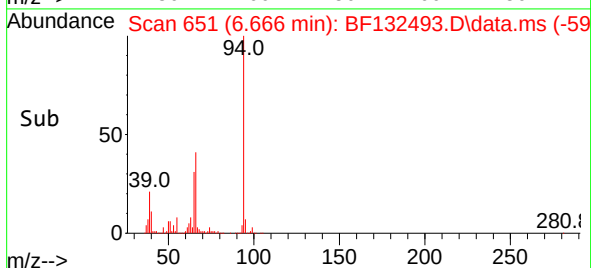
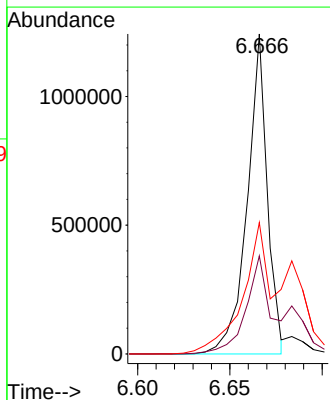
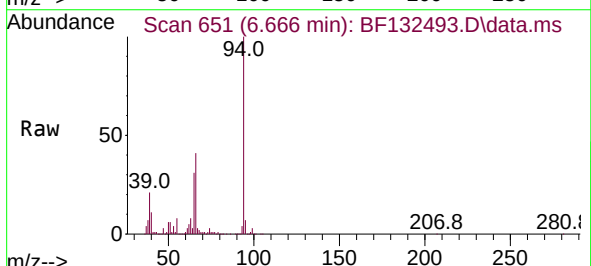
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

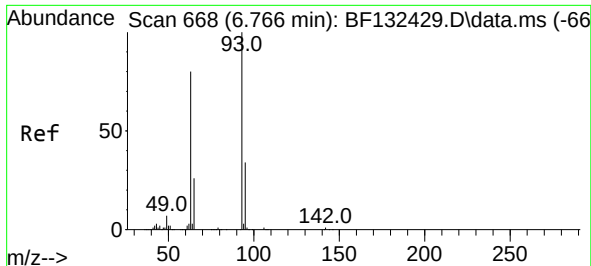
Supervised By :Jagrut
Upadhyay
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#10
Phenol
Concen: 40.545 ng m
RT: 6.666 min Scan# 651
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

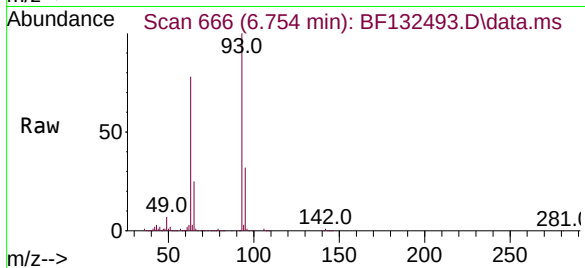
Tgt Ion: 94 Resp: 940440
Ion Ratio Lower Upper
94 100
65 30.7 9.0 49.0
66 41.0 17.4 57.4





#11
bis(2-Chloroethyl)ether
Concen: 42.447 ng
RT: 6.754 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

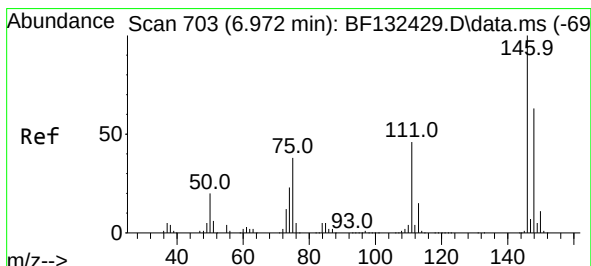
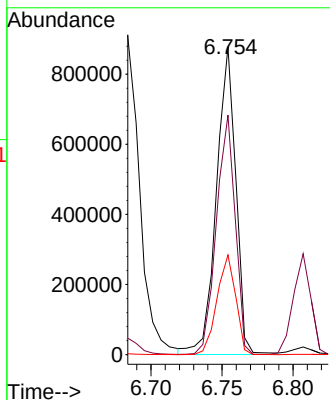
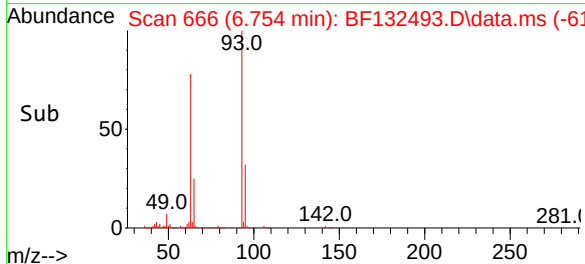


Tgt Ion: 93 Resp: 83514
Ion Ratio Lower Upper
93 100
63 77.7 58.6 98.6
95 32.3 13.5 53.5

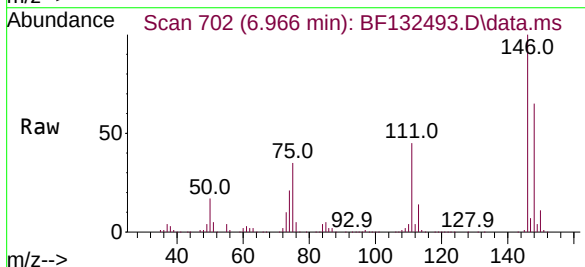
Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

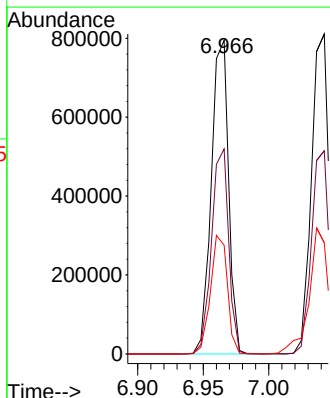
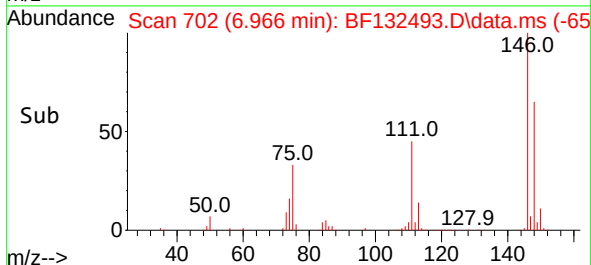
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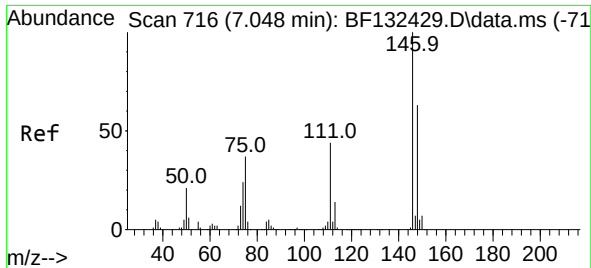


#12
1,3-Dichlorobenzene
Concen: 39.269 ng
RT: 6.966 min Scan# 702
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19



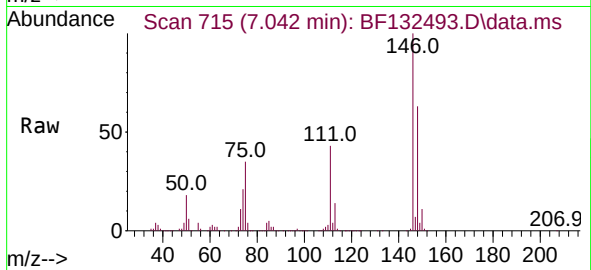
Tgt Ion:146 Resp: 732019
Ion Ratio Lower Upper
146 100
148 65.3 50.6 75.8
75 34.7 30.3 45.5





#13
1,4-Dichlorobenzene
Concen: 39.641 ng
RT: 7.042 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

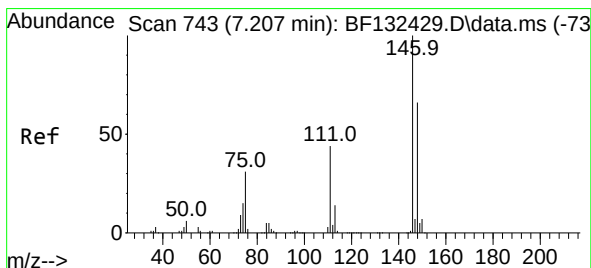
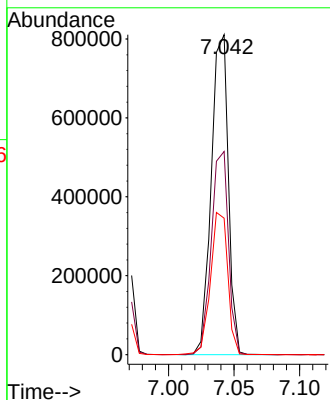
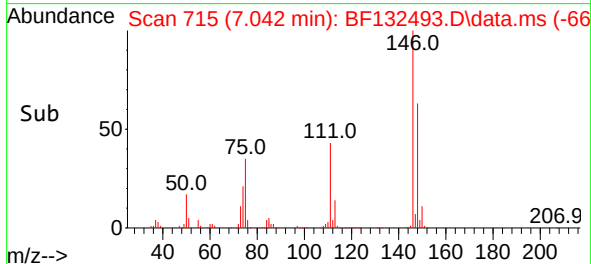


Tgt Ion:146 Resp: 737149
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
111 42.7 35.0 52.4

Manual Integrations
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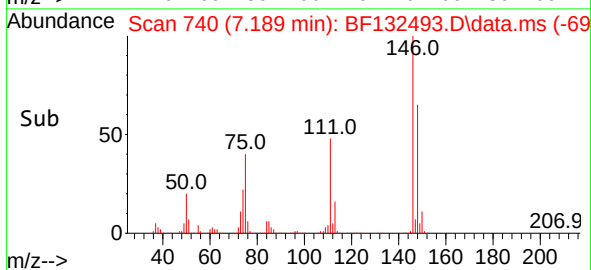
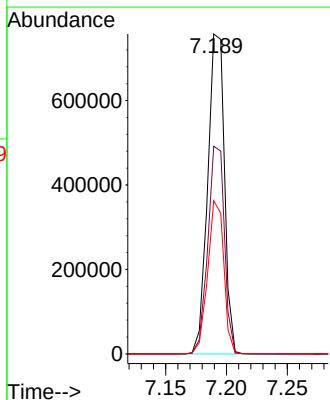
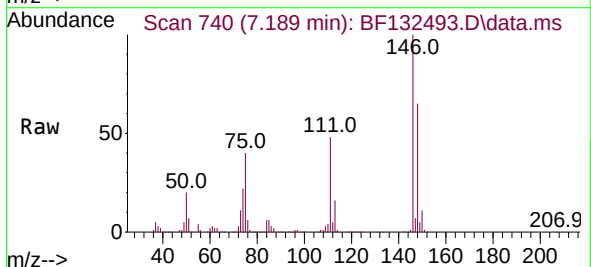
Reviewed By :Christian Giraldo 02/22/2023
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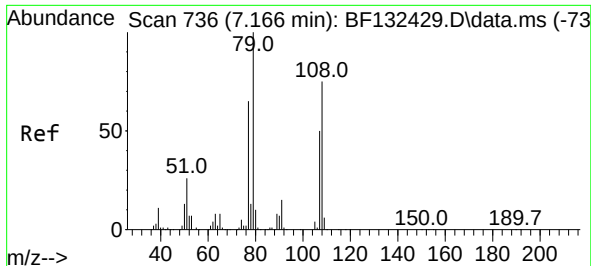
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#14
1,2-Dichlorobenzene
Concen: 42.619 ng
RT: 7.189 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

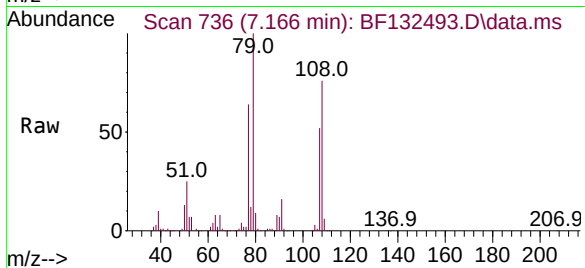
Tgt Ion:146 Resp: 726086
Ion Ratio Lower Upper
146 100
148 64.9 52.4 78.6
111 47.9 35.5 53.3





#15
Benzyl Alcohol
Concen: 45.117 ng
RT: 7.166 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

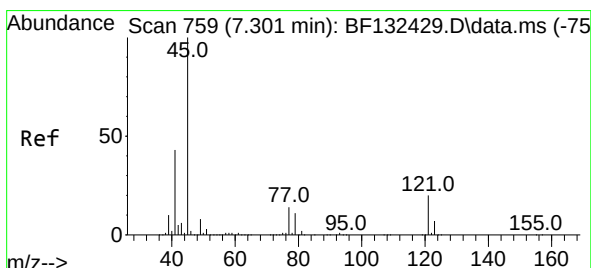
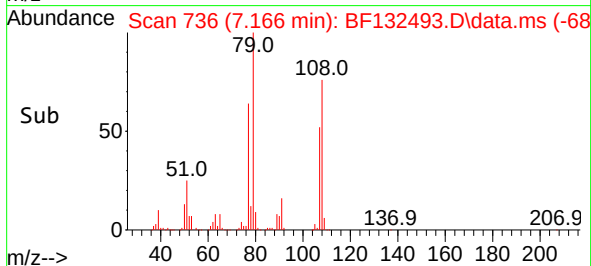
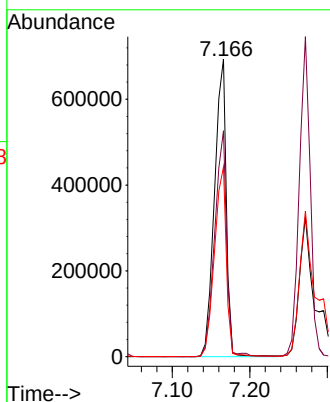


Tgt Ion: 79 Resp: 730419
Ion Ratio Lower Upper
79 100
108 75.9 59.8 89.6
77 63.8 51.8 77.6

Manual Integrations
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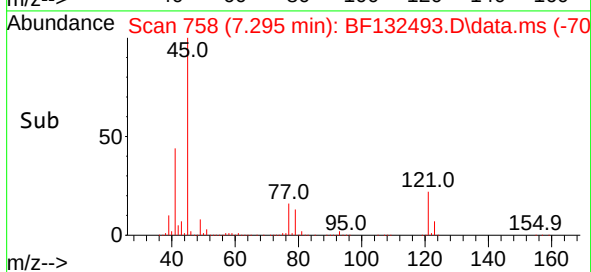
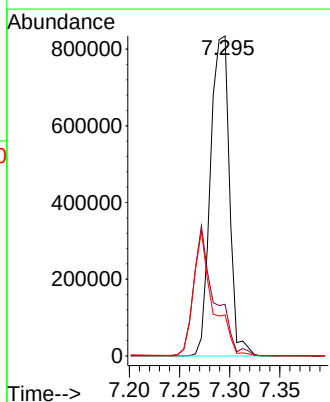
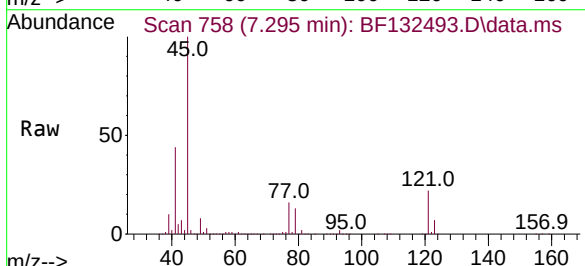
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

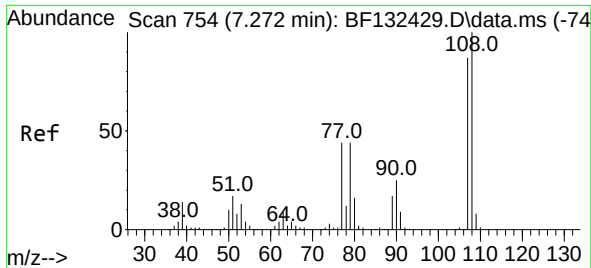
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.100 ng
RT: 7.295 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

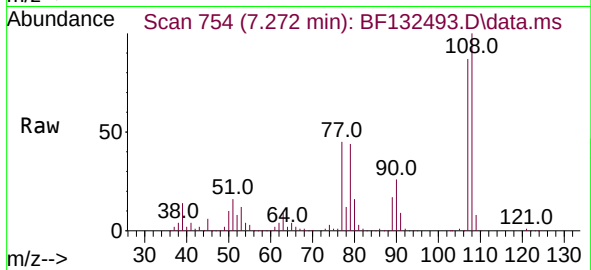
Tgt Ion: 45 Resp: 1096976
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.3
79 12.8 0.0 31.3





#17
2-Methylphenol
Concen: 39.126 ng
RT: 7.272 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

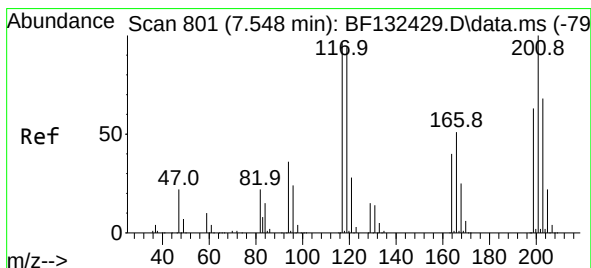
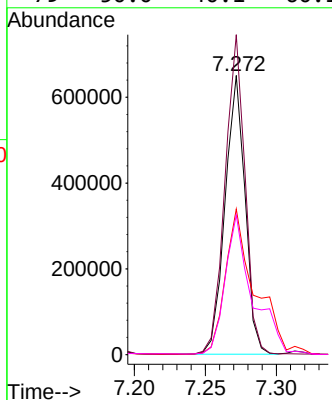


Tgt Ion:107 Resp: 63735
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 52.1 40.7 61.1
79 50.0 40.1 60.1

Manual Integrations
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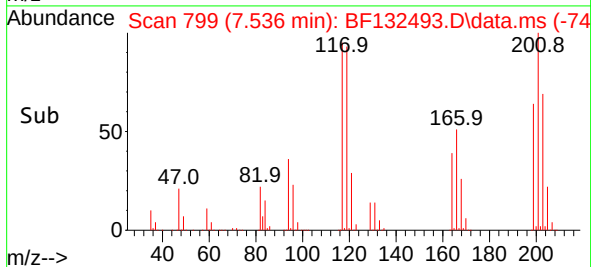
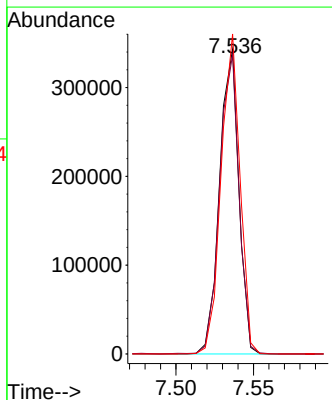
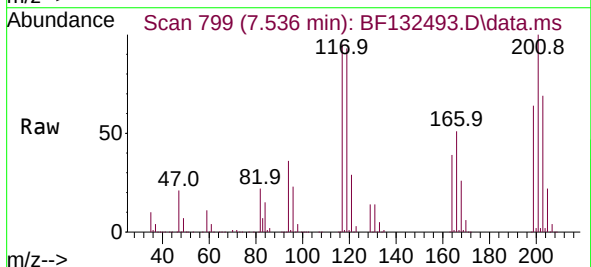
Reviewed By :Christian Giraldo 02/22/2023
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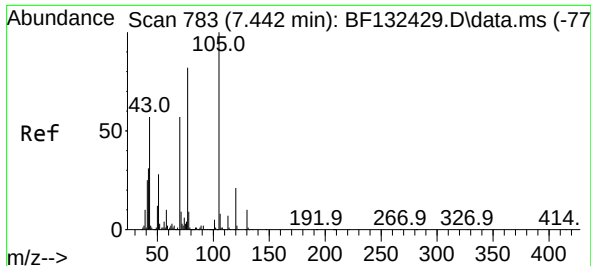
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#18
Hexachloroethane
Concen: 42.426 ng
RT: 7.536 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

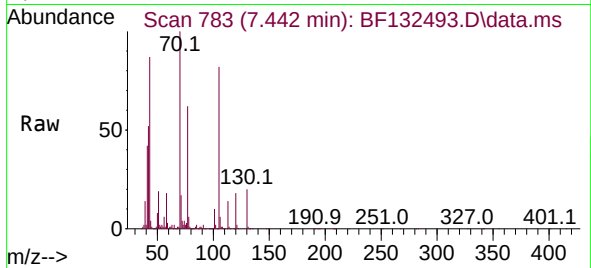
Tgt Ion:117 Resp: 297886
Ion Ratio Lower Upper
117 100
119 98.2 78.8 118.2
201 105.0 83.5 125.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.080 ng
RT: 7.442 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

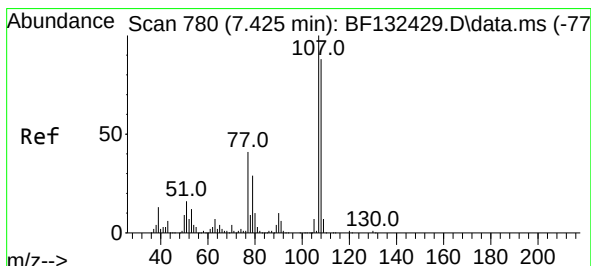
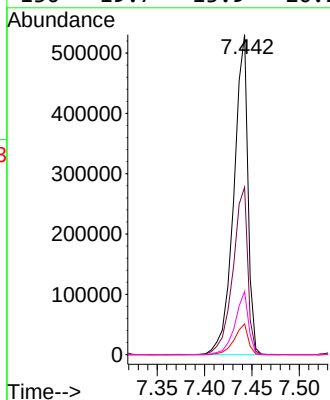
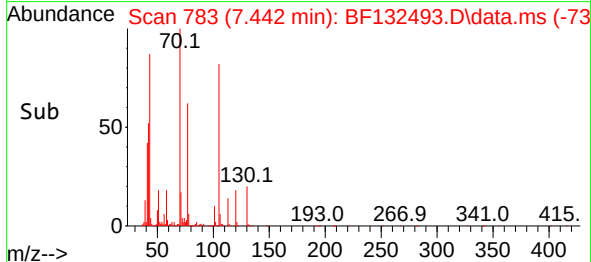


Tgt Ion: 70 Resp: 55121
Ion Ratio Lower Upper
70 100
42 52.3 43.5 65.3
101 9.6 7.3 10.9
130 19.7 13.9 20.9

Manual Integrations
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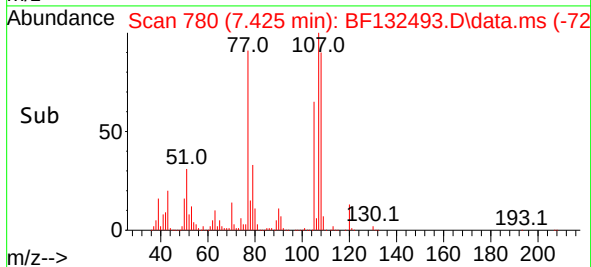
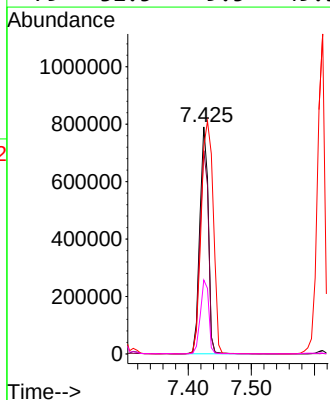
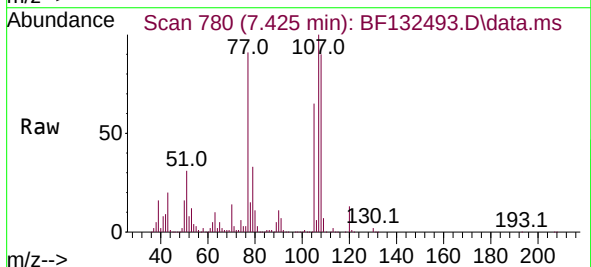
Reviewed By :Christian Giraldo 02/22/2023
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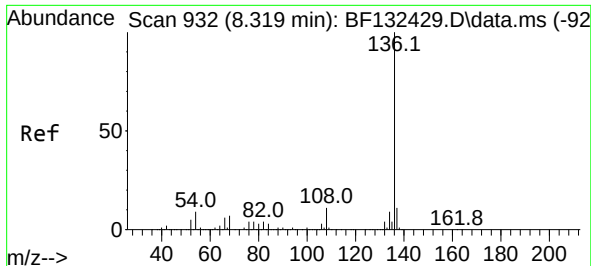
Supervised By :Jagrut
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#20
3+4-Methylphenols
Concen: 36.605 ng
RT: 7.425 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

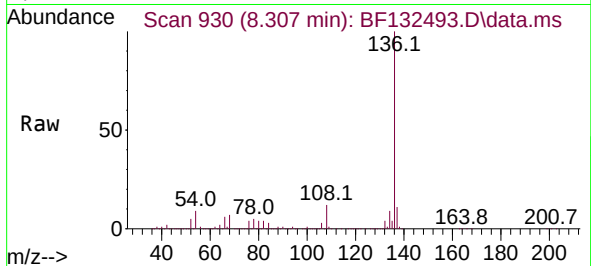
Tgt Ion:107 Resp: 736228
Ion Ratio Lower Upper
107 100
108 89.6 68.1 108.1
77 91.3 21.3 61.3#
79 32.5 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

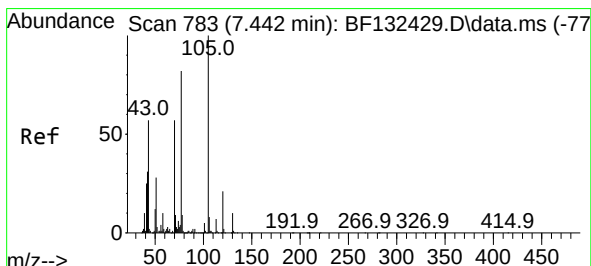
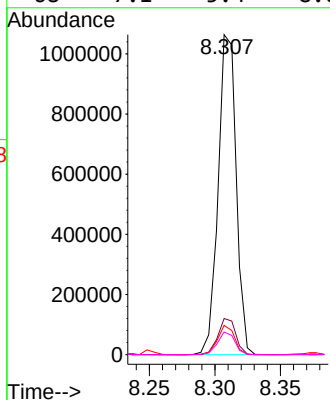
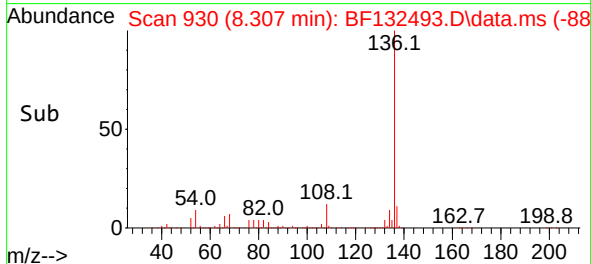


Tgt Ion:136 Resp: 1021566
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.1 6.9 10.3
68 7.1 5.4 8.0

Manual Integrations
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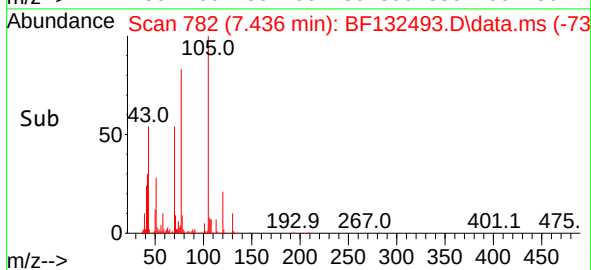
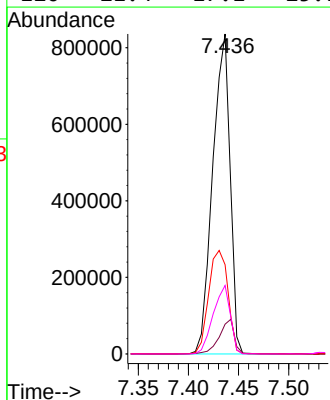
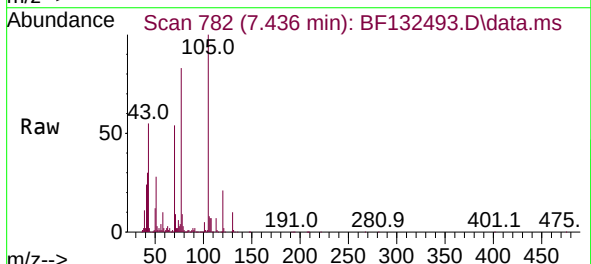
Reviewed By :Christian Giraldo 02/22/2023
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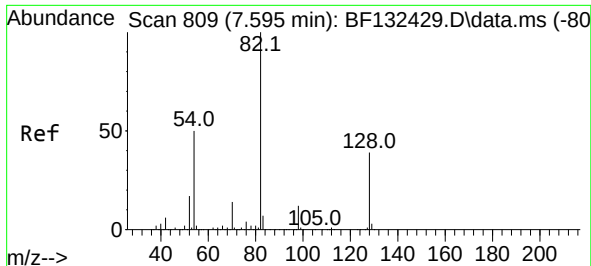
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#22
Acetophenone
Concen: 38.047 ng
RT: 7.436 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:105 Resp: 1007324
Ion Ratio Lower Upper
105 100
71 9.3 7.3 10.9
51 27.9 22.2 33.2
120 21.4 17.1 25.7





#23
Nitrobenzene-d5
Concen: 80.302 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

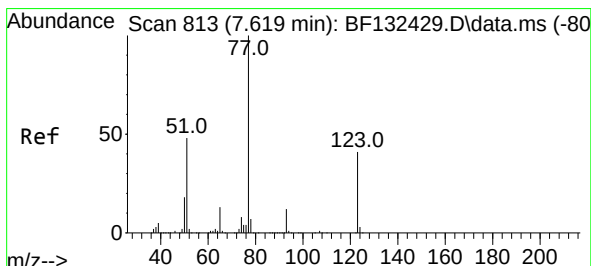
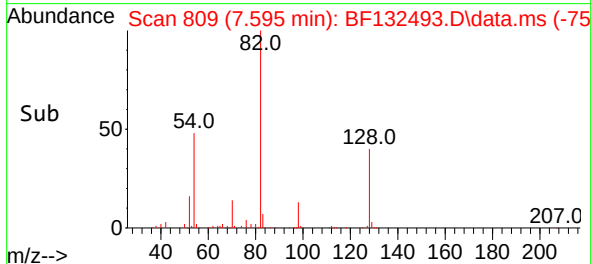
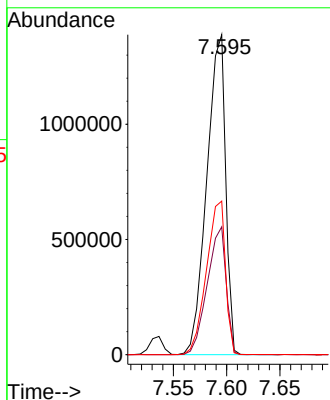
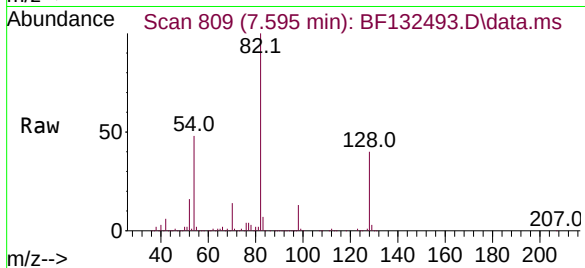
PB150926BS

Tgt Ion: 82 Resp: 1707278
Ion Ratio Lower Upper
82 100
128 39.9 30.8 46.2
54 48.0 40.2 60.4

Manual Integrations
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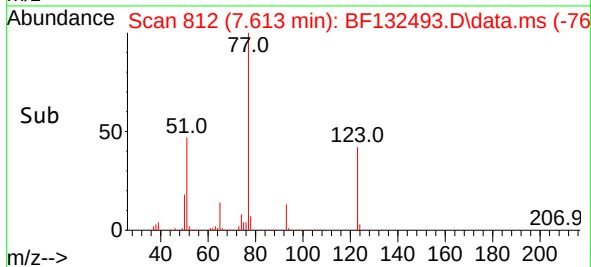
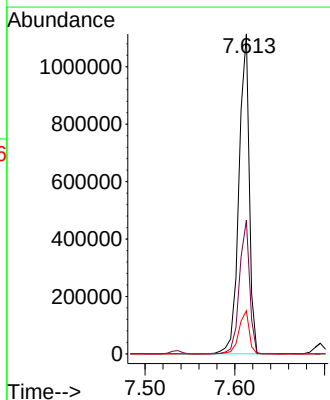
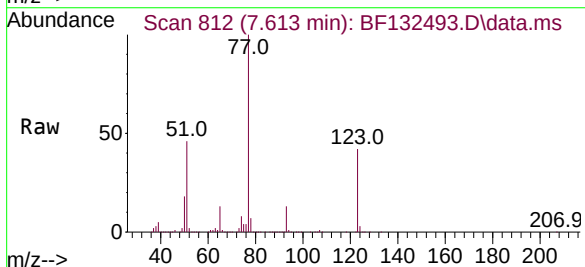
Reviewed By :Christian Giraldo 02/22/2023
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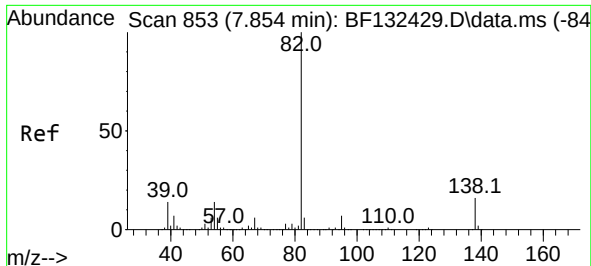
Supervised By :Jagrut
Upadhyay
02/22/2023



#24
Nitrobenzene
Concen: 38.304 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

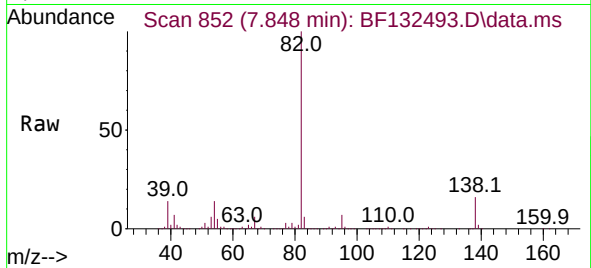
Tgt Ion: 77 Resp: 892874
Ion Ratio Lower Upper
77 100
123 41.8 33.2 49.8
65 13.5 10.4 15.6





#25
Isophorone
Concen: 40.620 ng
RT: 7.848 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

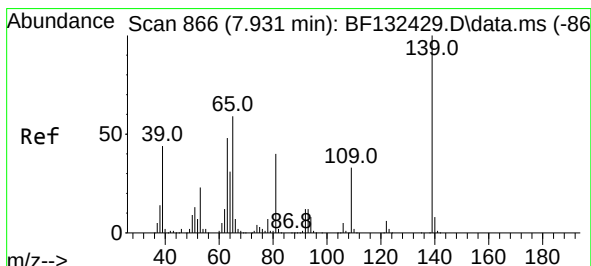
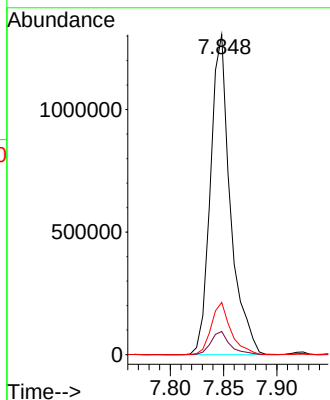
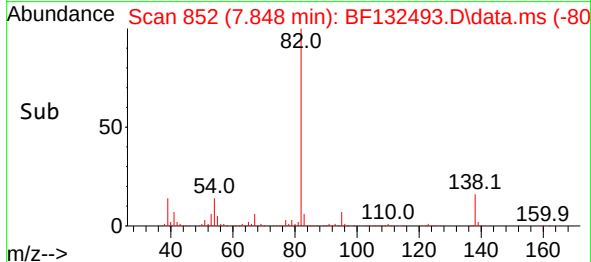


Tgt Ion: 82 Resp: 1696978
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.3 12.7 19.1

Manual Integrations
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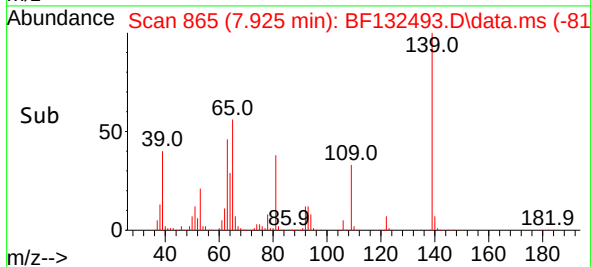
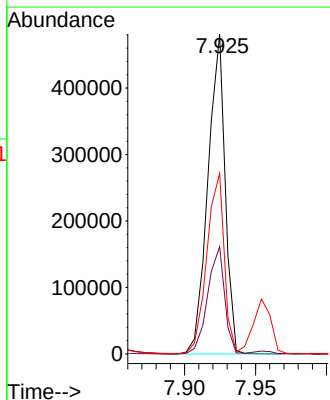
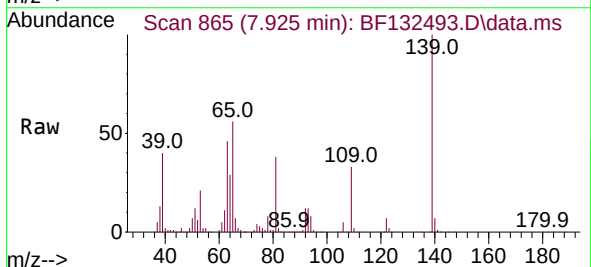
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

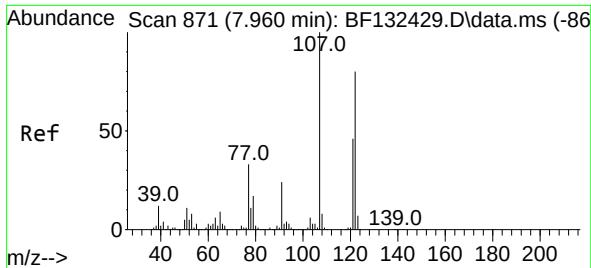
Supervised By :Jagrut
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02/22/2023



#26
2-Nitrophenol
Concen: 44.786 ng
RT: 7.925 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

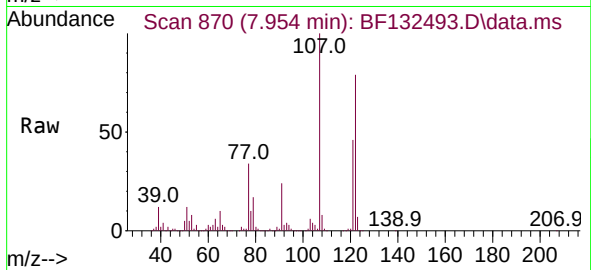
Tgt Ion:139 Resp: 405826
Ion Ratio Lower Upper
139 100
109 33.5 26.3 39.5
65 56.4 47.4 71.0





#27
2,4-Dimethylphenol
Concen: 40.454 ng
RT: 7.954 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

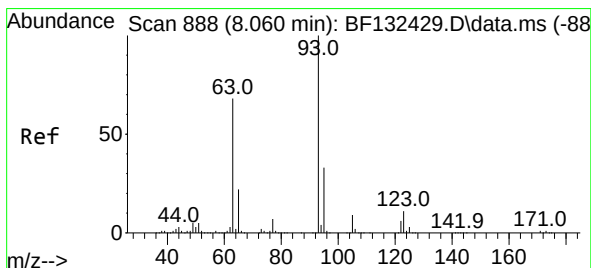
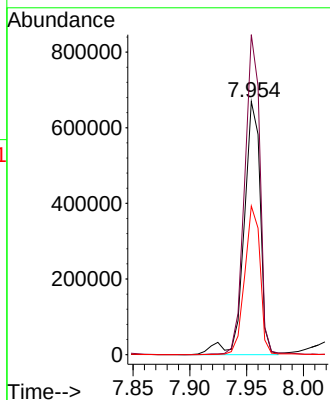
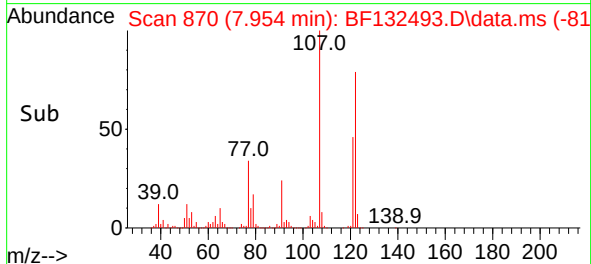


Tgt Ion:122 Resp: 661852
Ion Ratio Lower Upper
122 100
107 126.4 99.9 149.9
121 58.7 45.9 68.9

Manual Integrations
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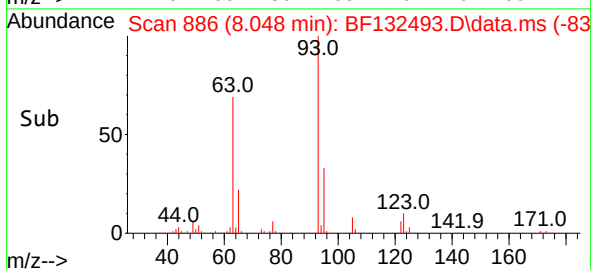
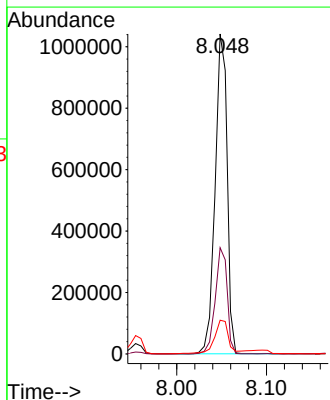
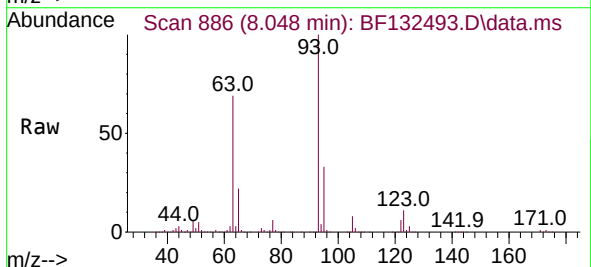
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

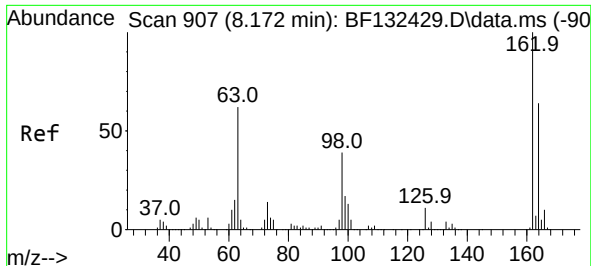
Supervised By :Jagrut
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02/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.065 ng
RT: 8.048 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion: 93 Resp: 978158
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 10.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.570 ng

RT: 8.166 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB150926BS

Tgt Ion:162 Resp: 626186

Ion Ratio Lower Upper

162 100

164 64.6 44.0 84.0

98 42.1 19.3 59.3

Manual Integrations

APPROVED

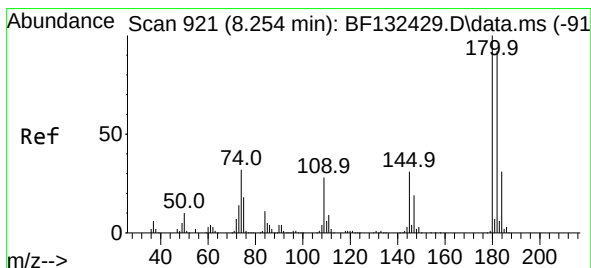
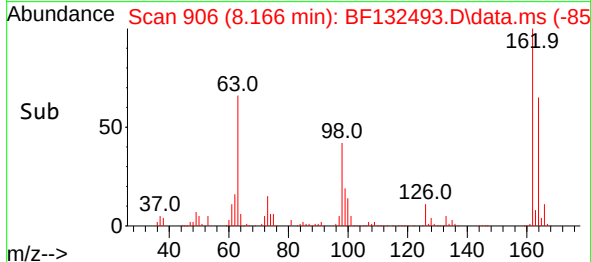
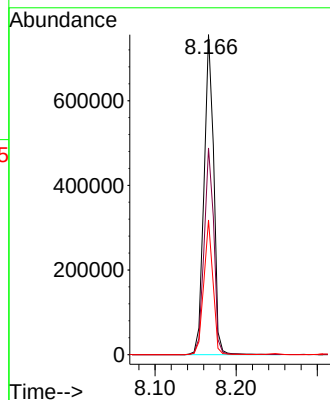
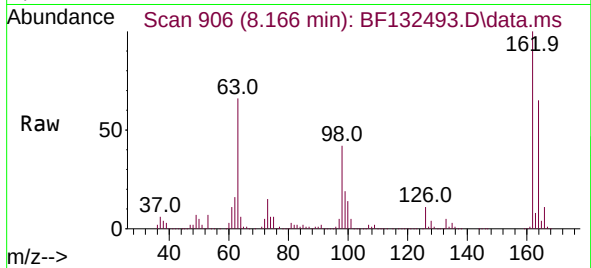
Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.237 ng

RT: 8.248 min Scan# 920

Delta R.T. 0.000 min

Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

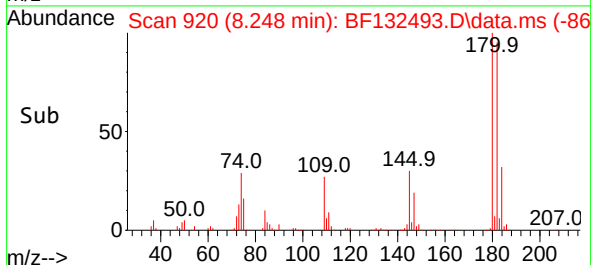
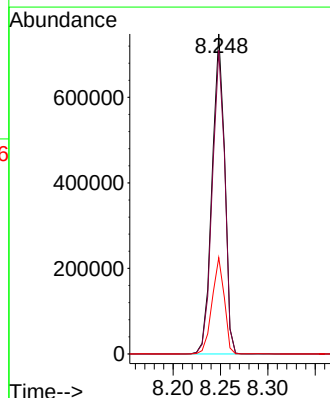
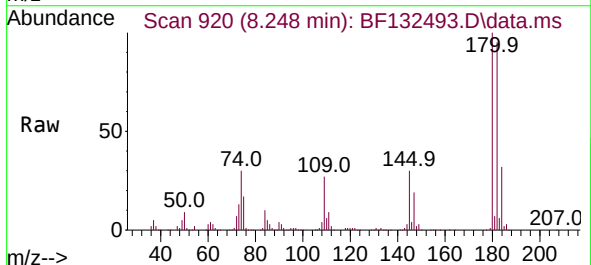
Tgt Ion:180 Resp: 690684

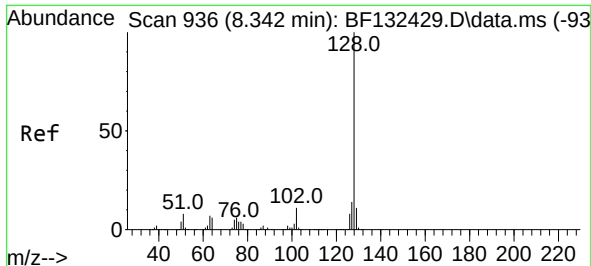
Ion Ratio Lower Upper

180 100

182 94.8 73.8 110.8

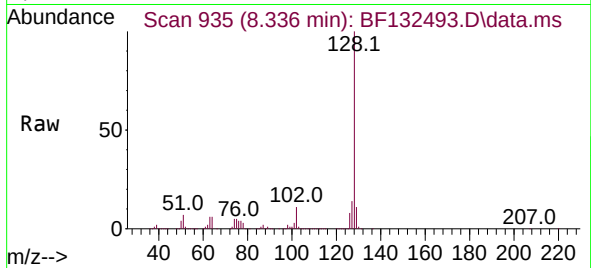
145 30.1 24.4 36.6





#31
Naphthalene
Concen: 36.457 ng
RT: 8.336 min Scan# 936
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

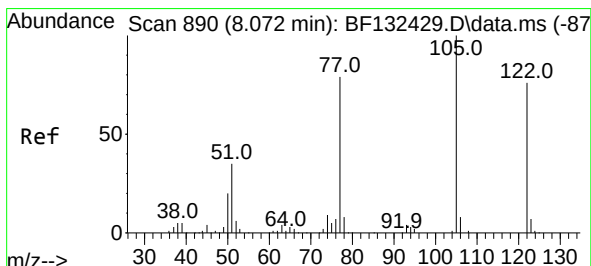
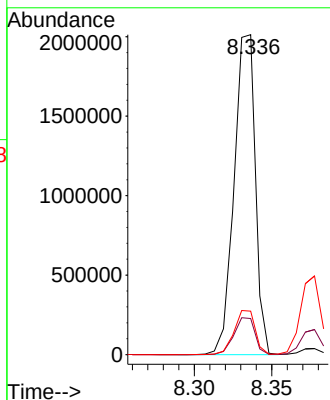
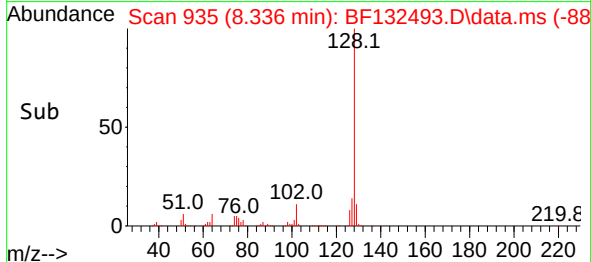


Tgt Ion:128 Resp: 1932792
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.6 11.0 16.4

Manual Integrations
APPROVED

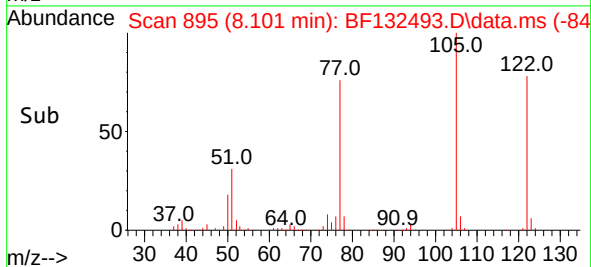
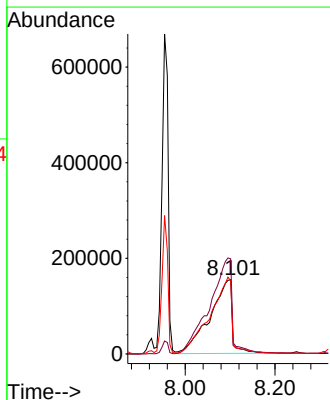
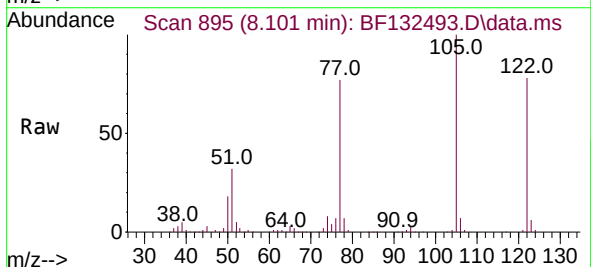
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

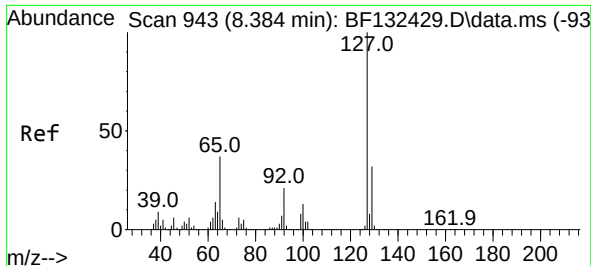
Supervised By :Jagrut
Upadhyay
02/22/2023



#32
Benzoic acid
Concen: 45.822 ng
RT: 8.101 min Scan# 895
Delta R.T. 0.024 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

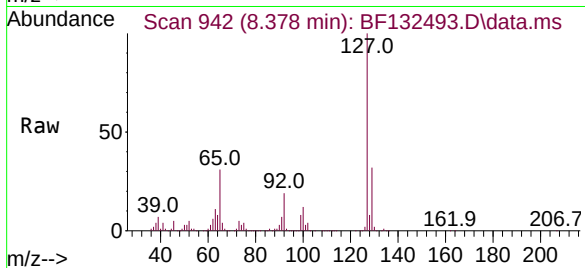
Tgt Ion:122 Resp: 536875
Ion Ratio Lower Upper
122 100
105 128.2 109.7 149.7
77 98.5 83.8 123.8





#33
4-Chloroaniline
Concen: 22.007 ng
RT: 8.378 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS



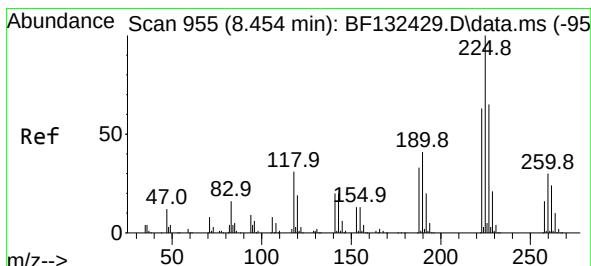
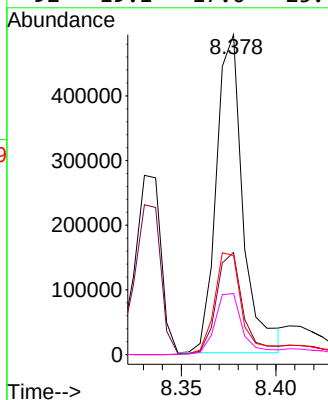
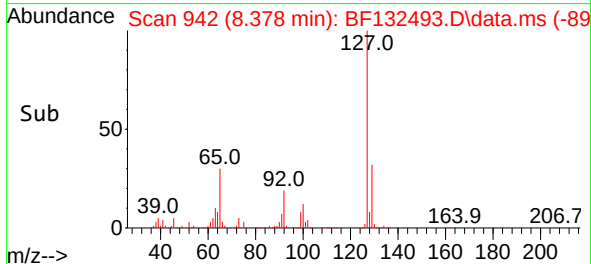
Tgt Ion:127 Resp: 48474

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	31.0	29.8	44.6
92	19.1	17.0	25.4

Manual Integrations
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Supervised By :Jagrut Upadhyay 02/22/2023

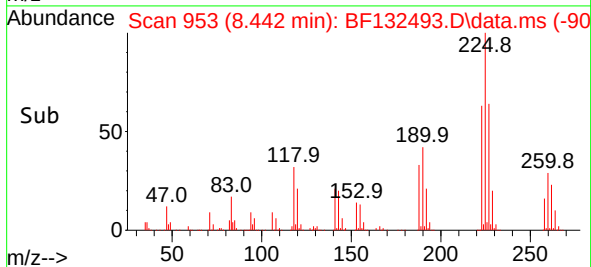
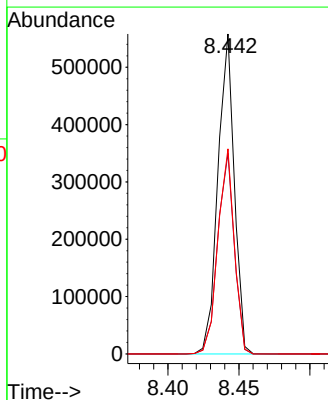
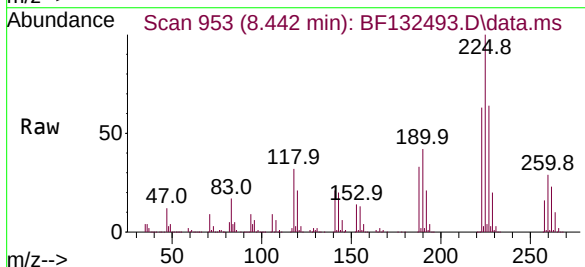
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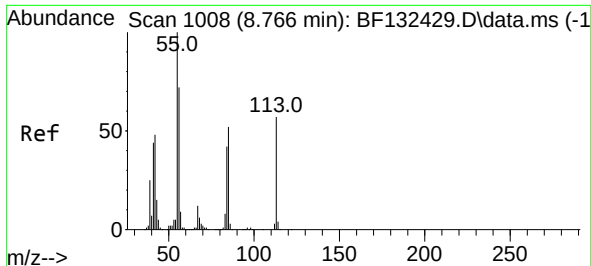


#34
Hexachlorobutadiene
Concen: 41.339 ng
RT: 8.442 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:225 Resp: 447990

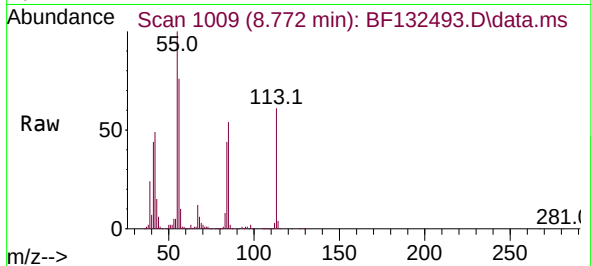
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.1	52.2	78.4





#35
Caprolactam
Concen: 48.456 ng m
RT: 8.772 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

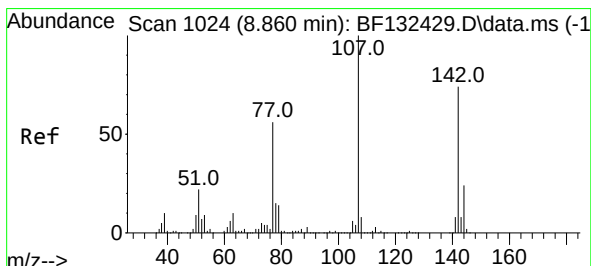
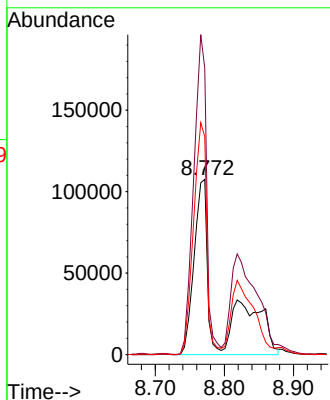
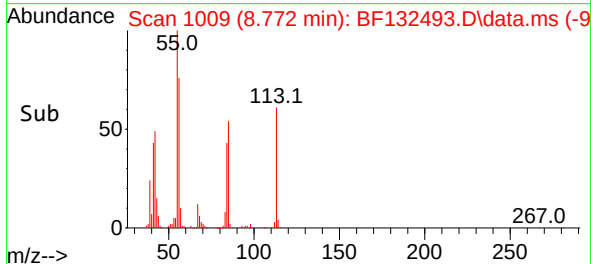


Tgt Ion:113 Resp: 242804
Ion Ratio Lower Upper
113 100
55 163.5 155.8 195.8
56 124.3 107.3 147.3

Manual Integrations
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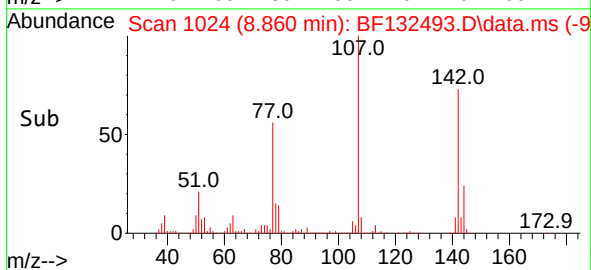
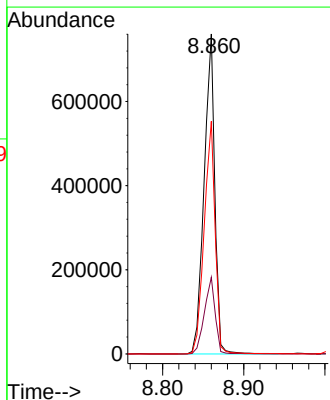
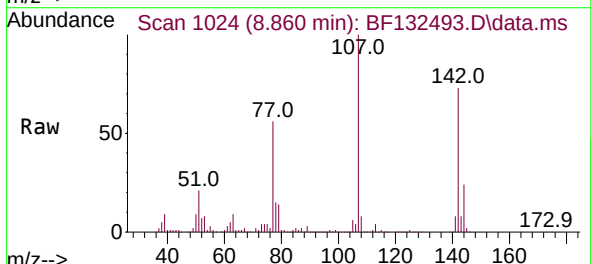
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

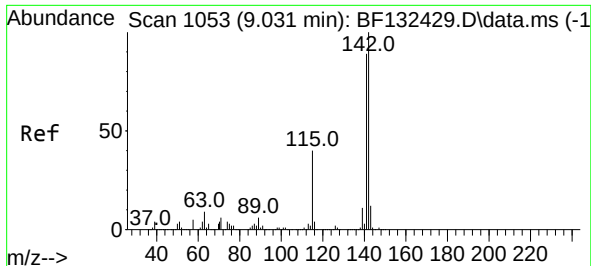
Supervised By :Jagrut
Upadhyay
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#36
4-Chloro-3-methylphenol
Concen: 40.440 ng
RT: 8.860 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:107 Resp: 698406
Ion Ratio Lower Upper
107 100
144 23.9 18.8 28.2
142 72.7 58.8 88.2





#37

2-Methylnaphthalene

Concen: 36.973 ng

RT: 9.025 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB150926BS

Tgt Ion:142 Resp: 131918

Ion Ratio Lower Upper

142 100

141 88.5 71.2 106.8

Manual Integrations

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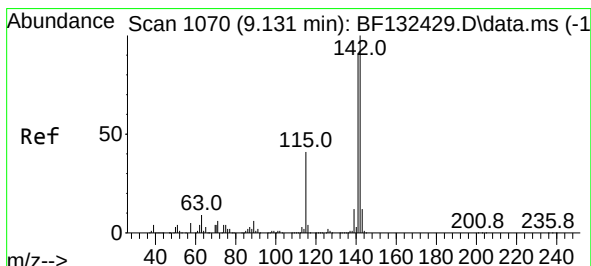
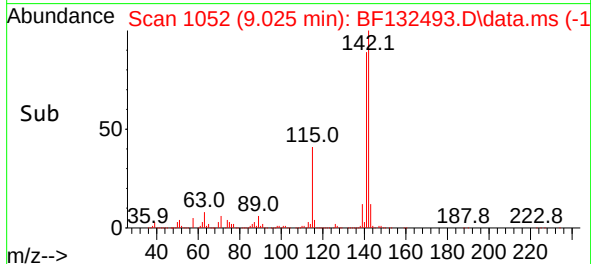
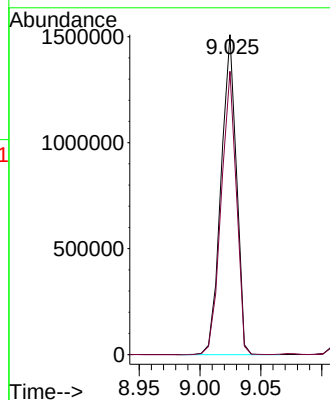
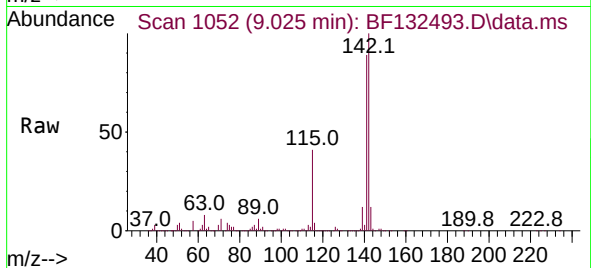
Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023



#38

1-Methylnaphthalene

Concen: 37.069 ng

RT: 9.125 min Scan# 1069

Delta R.T. -0.000 min

Lab File: BF132493.D

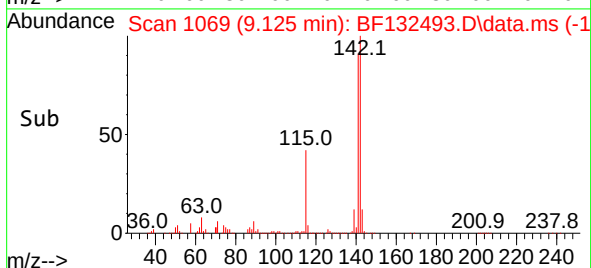
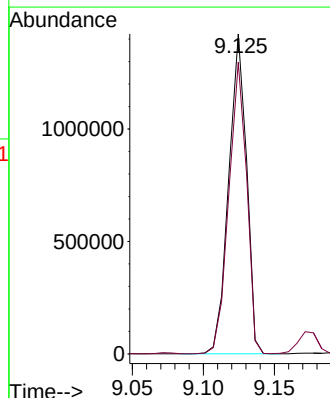
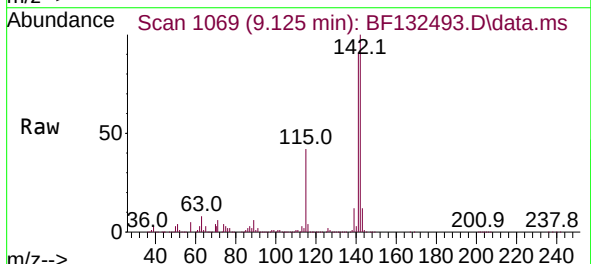
Acq: 21 Feb 2023 13:19

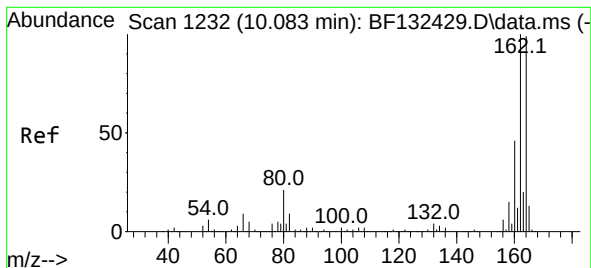
Tgt Ion:142 Resp: 1242583

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.077 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF132493.D

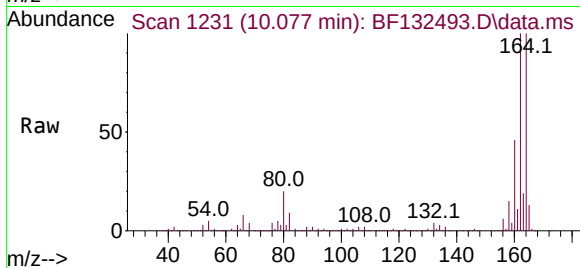
Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB150926BS



Tgt Ion:164 Resp: 573952

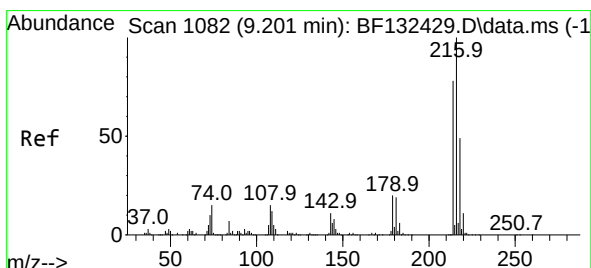
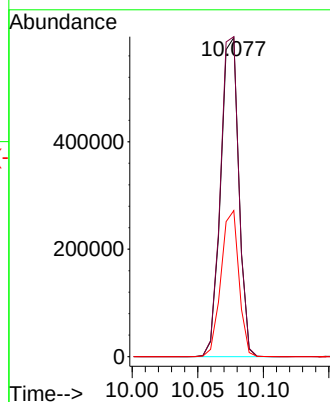
Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.8	121.2
160	45.8	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

Supervised By :Jagrut
Upadhyay
02/22/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.255 ng

RT: 9.189 min Scan# 1080

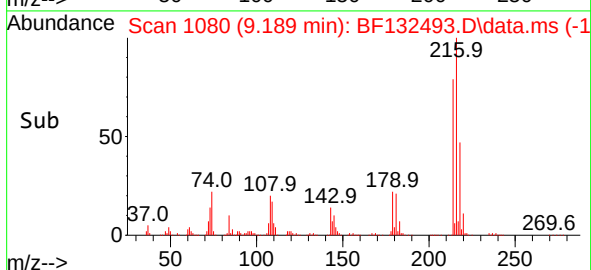
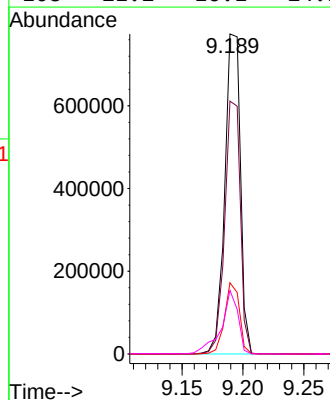
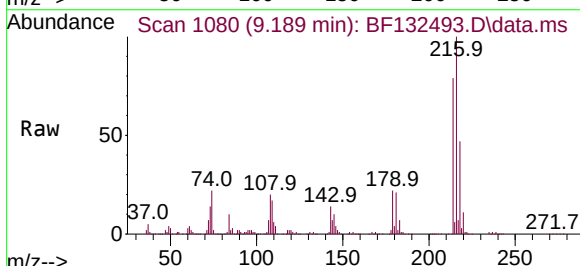
Delta R.T. 0.000 min

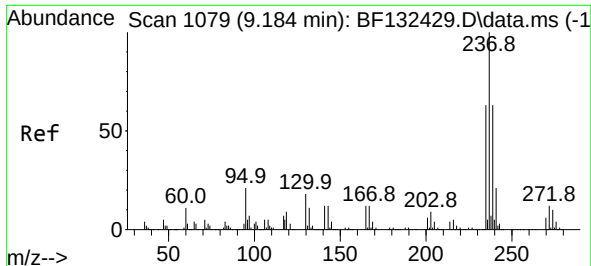
Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

Tgt Ion:216 Resp: 692849

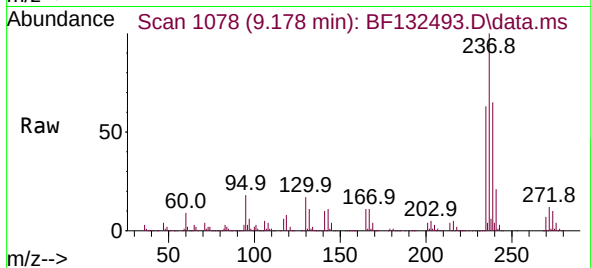
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	21.0	16.4	24.6
108	21.2	16.1	24.1





#41
Hexachlorocyclopentadiene
Concen: 81.369 ng
RT: 9.178 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

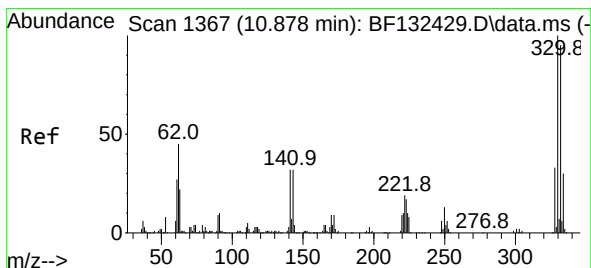
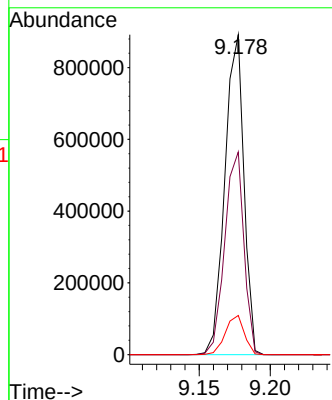


Tgt Ion: 237 Resp: 831152
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 12.2 0.0 32.3

Manual Integrations
APPROVED

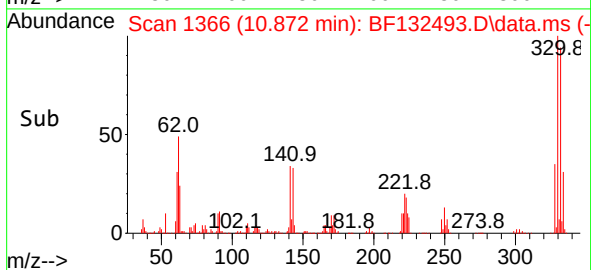
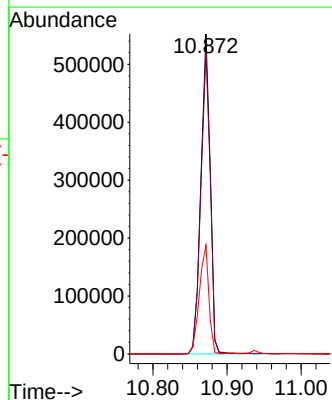
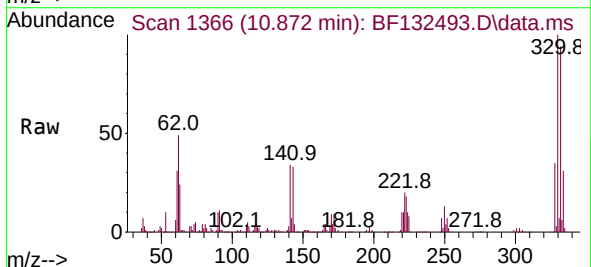
Reviewed By : Christian Giraldo 02/22/2023
Supervised By : Jagrut Upadhyay 02/22/2023

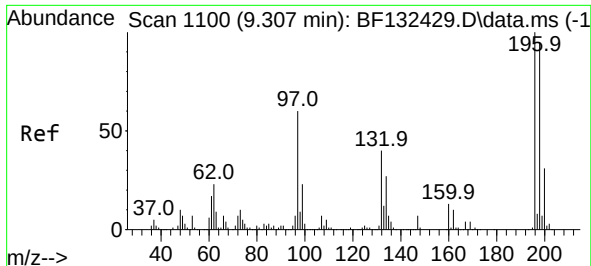
Supervised By : Jagrut
Upadhyay
02/22/2023



#42
2,4,6-Tribromophenol
Concen: 84.880 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion: 330 Resp: 486070
Ion Ratio Lower Upper
330 100
332 95.0 76.3 114.5
141 34.7 30.3 45.5





#43

2,4,6-Trichlorophenol

Concen: 40.389 ng

RT: 9.301 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB150926BS

Tgt Ion:196 Resp: 494816

Ion Ratio Lower Upper

196 100

198 95.5 76.3 114.5

200 30.6 24.8 37.2

Manual Integrations

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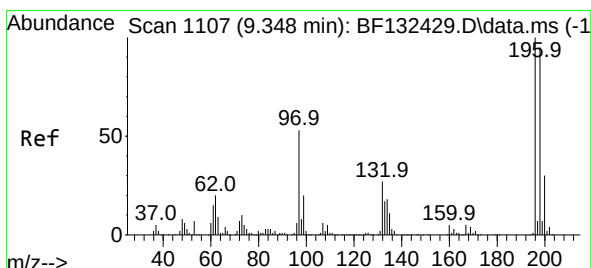
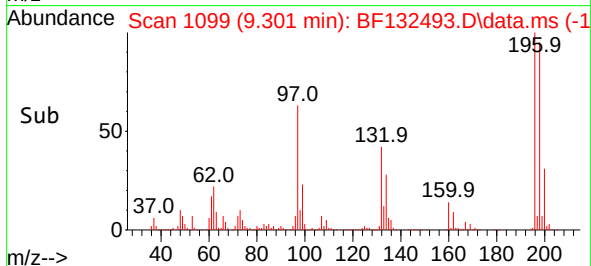
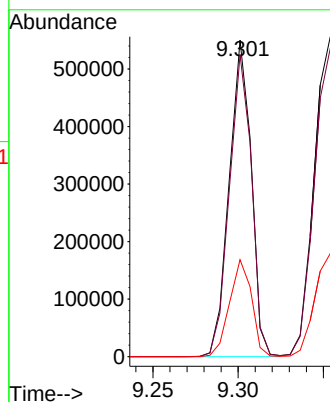
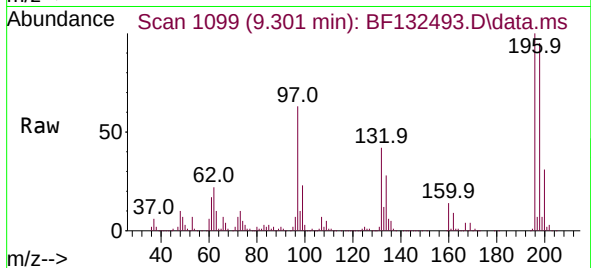
Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023



#44

2,4,5-Trichlorophenol

Concen: 36.560 ng

RT: 9.354 min Scan# 1108

Delta R.T. 0.012 min

Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

Tgt Ion:196 Resp: 521692

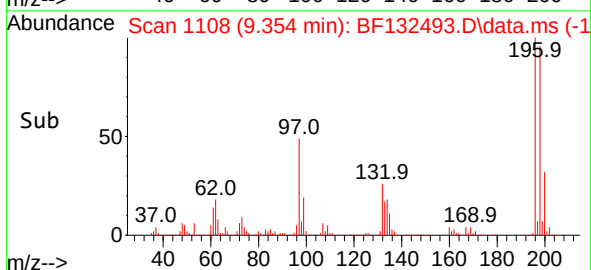
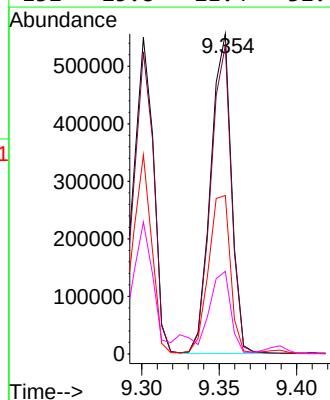
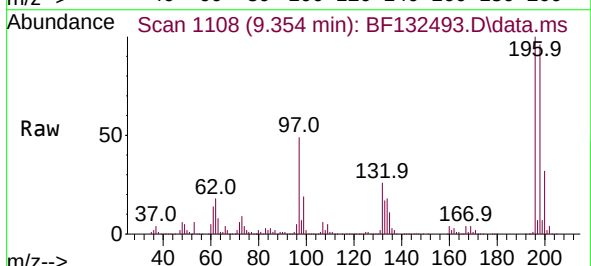
Ion Ratio Lower Upper

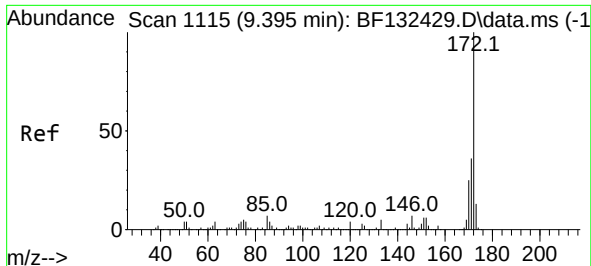
196 100

198 96.4 76.2 114.4

97 49.5 42.4 63.6

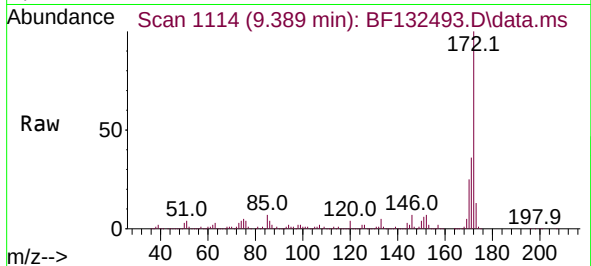
132 25.8 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 69.737 ng
RT: 9.389 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

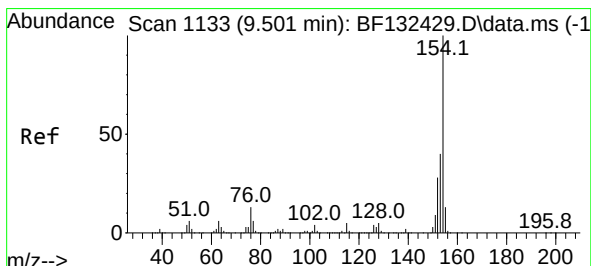
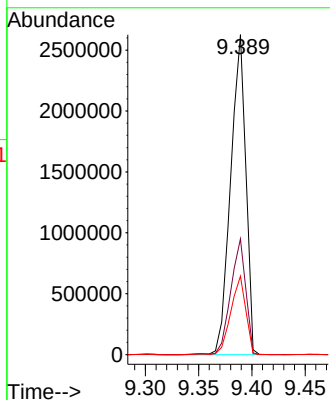
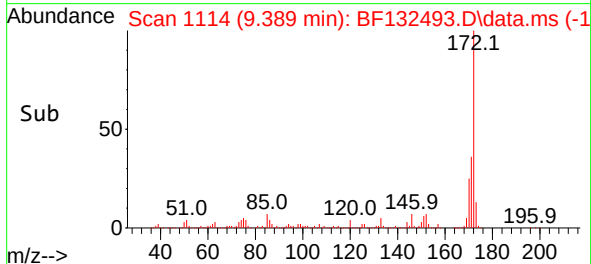


Tgt Ion:172 Resp: 2591838
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.5 19.9 29.9

Manual Integrations
APPROVED

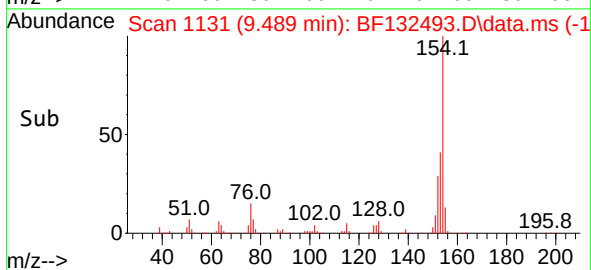
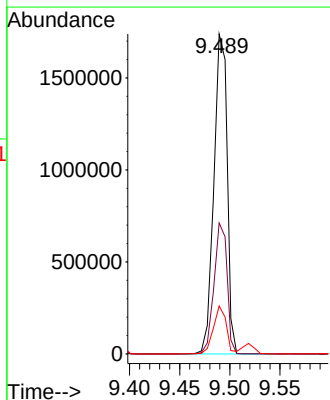
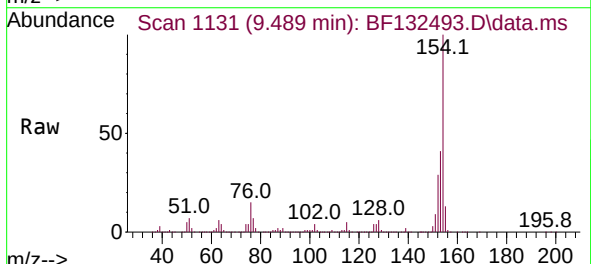
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

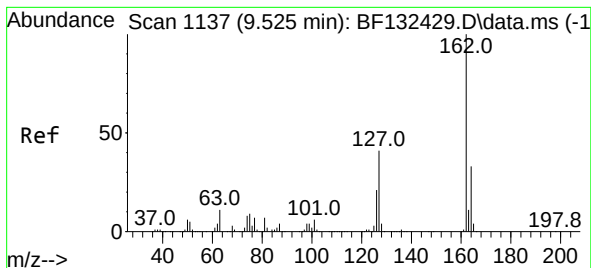
Supervised By :Jagrut
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#46
1,1'-Biphenyl
Concen: 36.085 ng
RT: 9.489 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

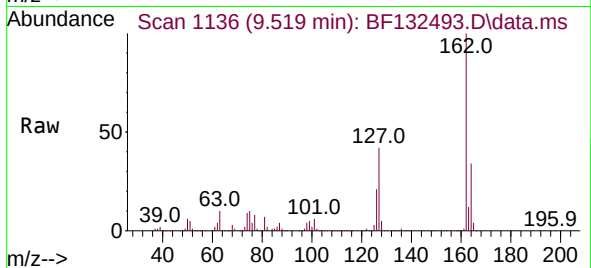
Tgt Ion:154 Resp: 1603012
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 15.0 0.0 33.3





#47
2-Chloronaphthalene
Concen: 37.053 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

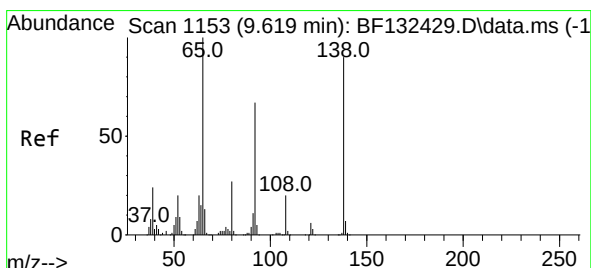
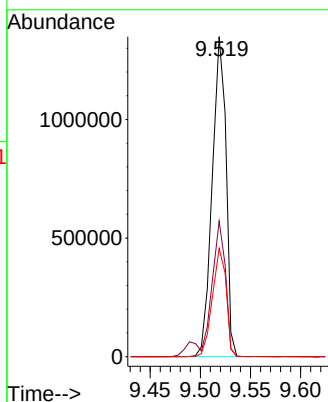
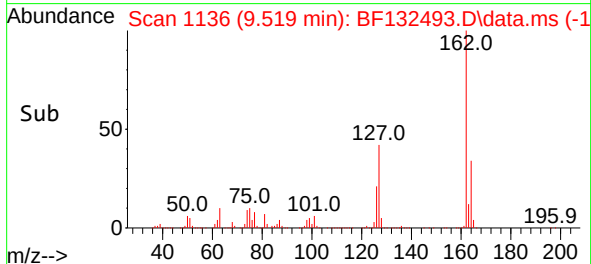


Tgt Ion:162 Resp: 1291939
Ion Ratio Lower Upper
162 100
127 42.3 33.0 49.4
164 33.8 26.6 39.8

Manual Integrations
APPROVED

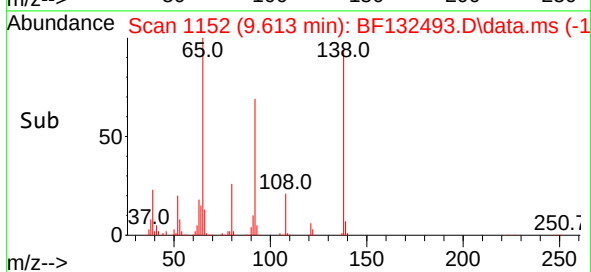
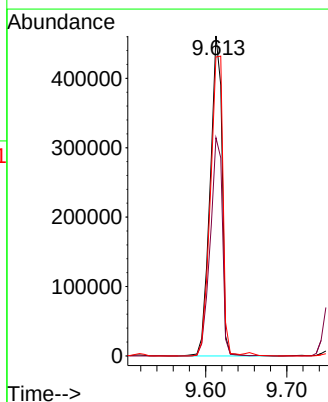
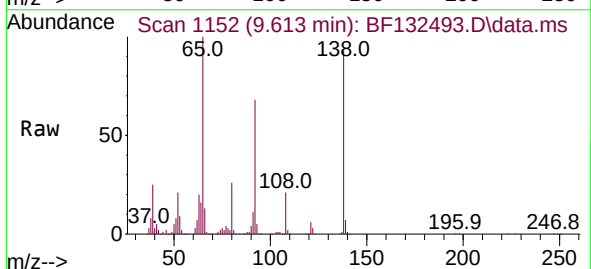
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

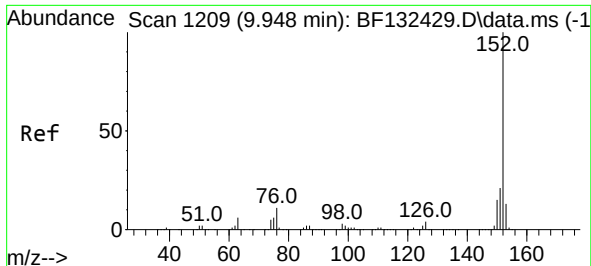
Supervised By :Jagrut
Upadhyay
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#48
2-Nitroaniline
Concen: 38.432 ng
RT: 9.613 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion: 65 Resp: 470161
Ion Ratio Lower Upper
65 100
92 68.2 53.5 80.3
138 93.4 72.2 108.4





#49

Acenaphthylene

Concen: 35.110 ng

RT: 9.936 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF132493.D

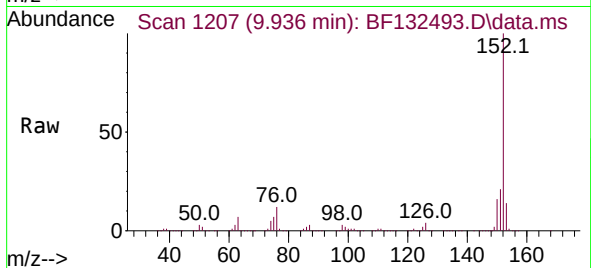
Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB150926BS



Tgt Ion:152 Resp: 1945048

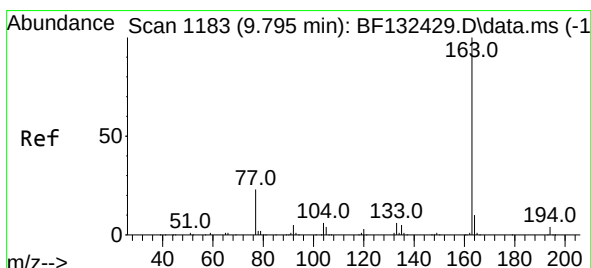
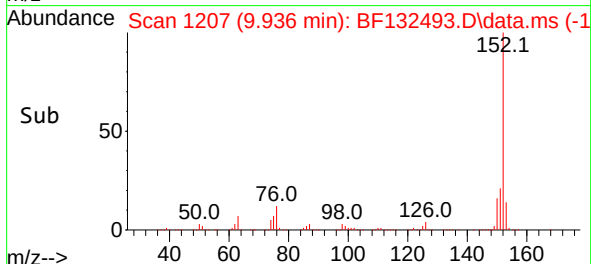
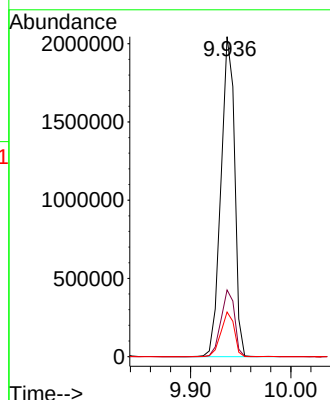
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.9	10.7	16.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/22/2023

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Upadhyay
02/22/2023



#50

Dimethylphthalate

Concen: 37.636 ng

RT: 9.795 min Scan# 1183

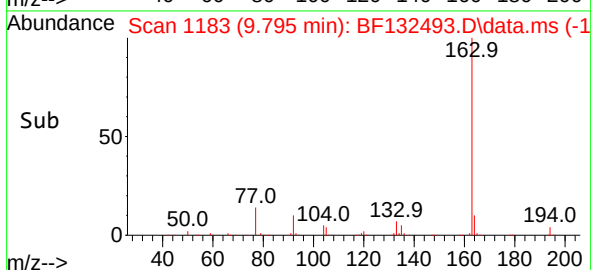
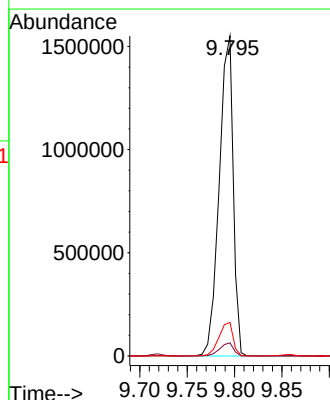
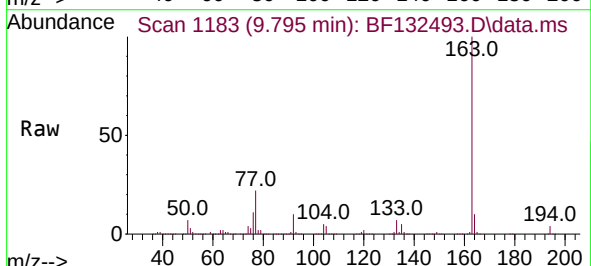
Delta R.T. 0.006 min

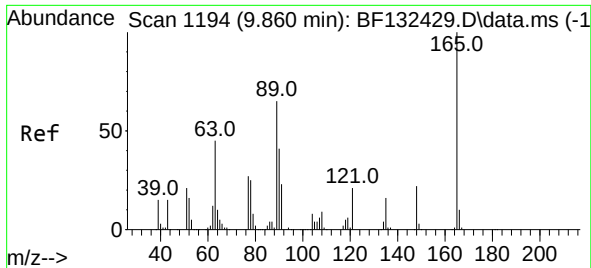
Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

Tgt Ion:163 Resp: 1590741

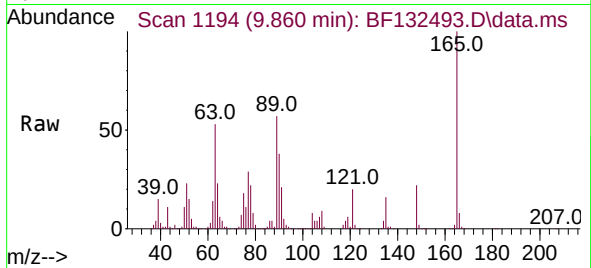
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.5	8.4	12.6





#51
2,6-Dinitrotoluene
Concen: 39.366 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

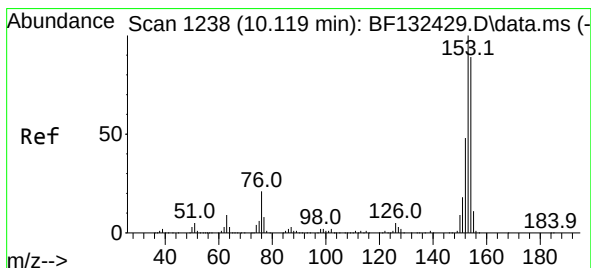
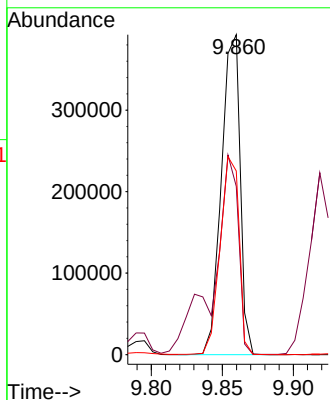
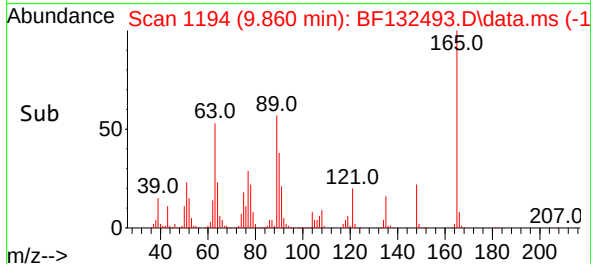


Tgt Ion:165 Resp: 361839
Ion Ratio Lower Upper
165 100
63 52.6 50.4 75.6
89 57.4 52.2 78.2

Manual Integrations
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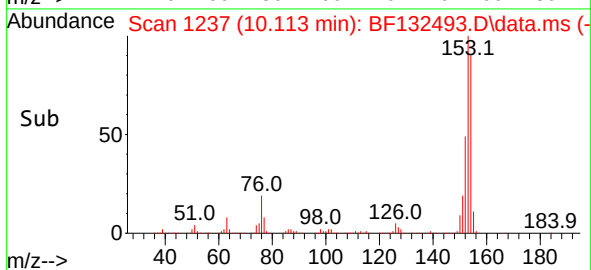
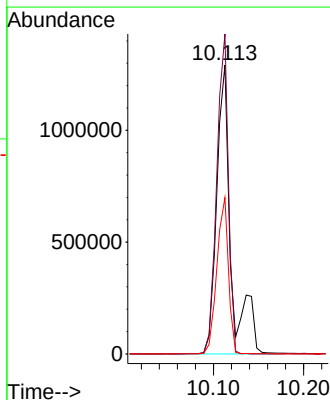
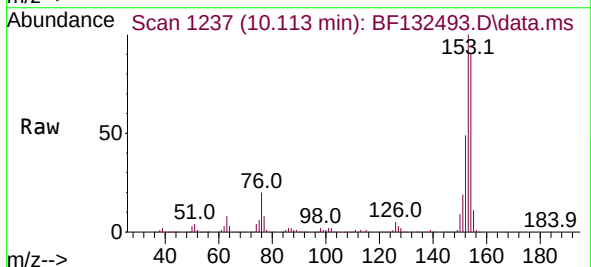
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

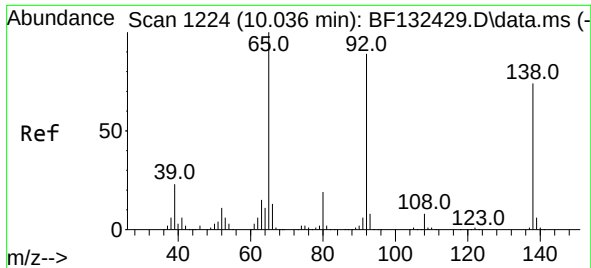
Supervised By :Jagrut
Upadhyay
02/22/2023



#52
Acenaphthene
Concen: 41.639 ng m
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

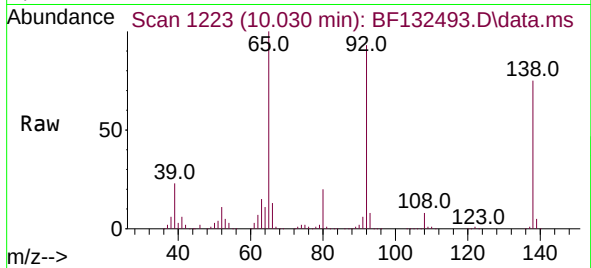
Tgt Ion:154 Resp: 1435517
Ion Ratio Lower Upper
154 100
153 110.8 89.7 134.5
152 54.1 43.4 65.0





#53
3-Nitroaniline
Concen: 29.415 ng
RT: 10.030 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

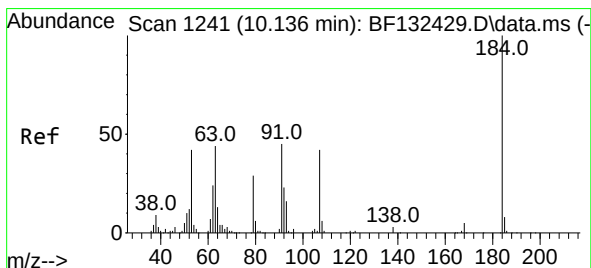
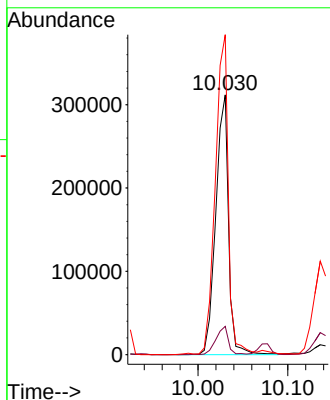
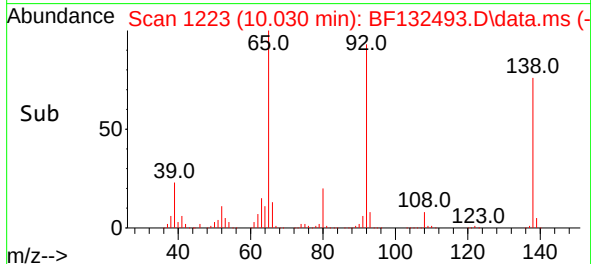


Tgt Ion:138 Resp: 310433
Ion Ratio Lower Upper
138 100
108 10.9 8.1 12.1
92 123.2 96.0 144.0

Manual Integrations
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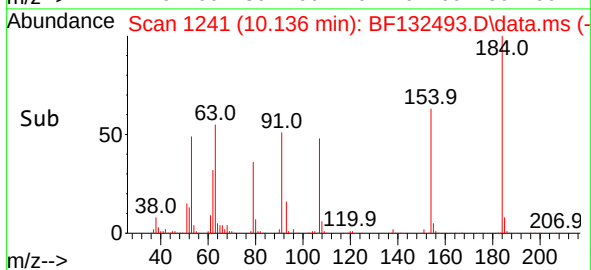
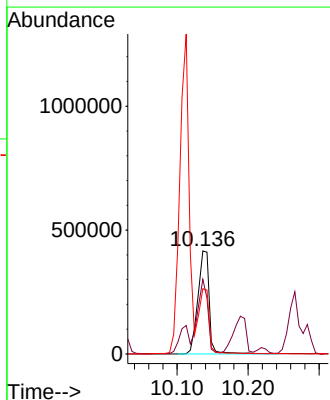
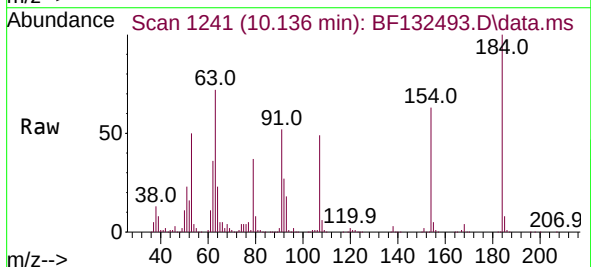
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

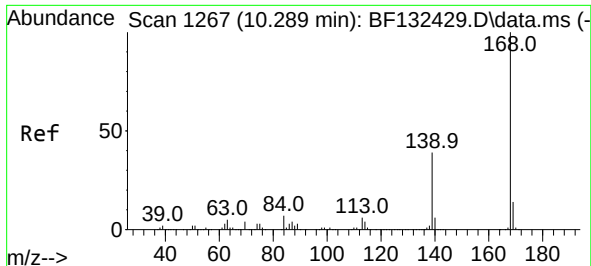
Supervised By :Jagrut
Upadhyay
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#54
2,4-Dinitrophenol
Concen: 80.744 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:184 Resp: 461154
Ion Ratio Lower Upper
184 100
63 72.3 47.0 70.6#
154 63.3 49.0 73.6





#55

Dibenzenofuran

Concen: 34.852 ng

RT: 10.283 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB150926BS

Tgt Ion:168 Resp: 1782718

Ion Ratio Lower Upper

168 100

139 40.2 31.0 46.4

169 14.2 11.0 16.4

Manual Integrations

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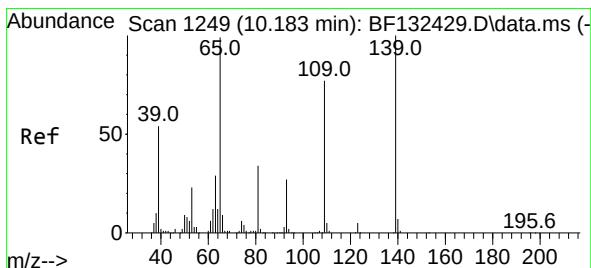
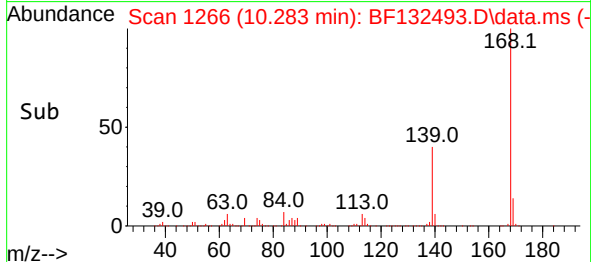
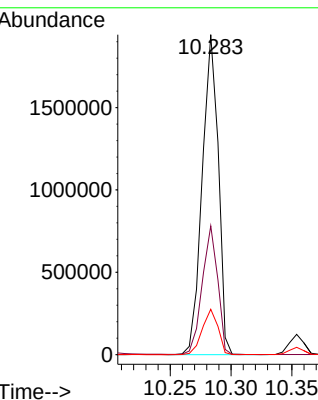
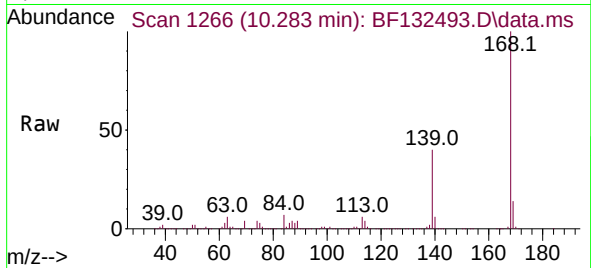
Reviewed By :Christian Giraldo 02/22/2023

Supervised By :Jagrut Upadhyay 02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023



#56

4-Nitrophenol

Concen: 74.960 ng

RT: 10.195 min Scan# 1251

Delta R.T. 0.018 min

Lab File: BF132493.D

Acq: 21 Feb 2023 13:19

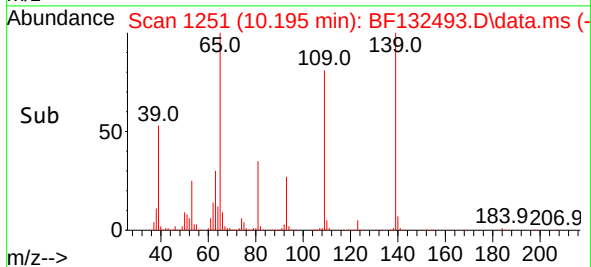
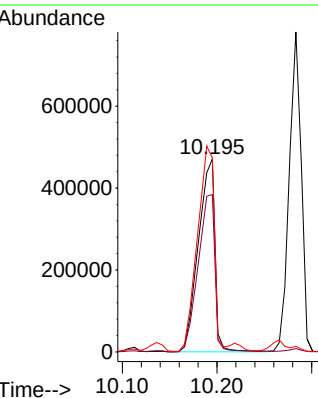
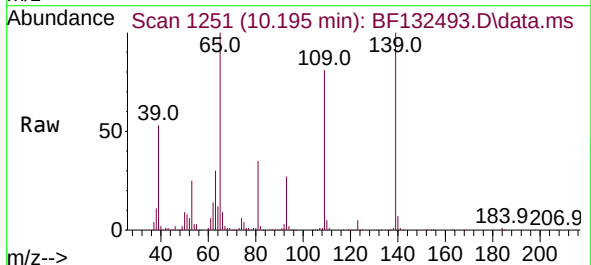
Tgt Ion:139 Resp: 573928

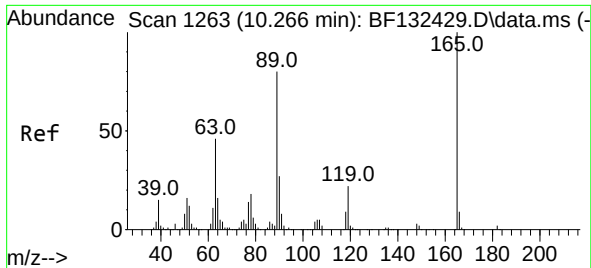
Ion Ratio Lower Upper

139 100

109 81.6 57.2 97.2

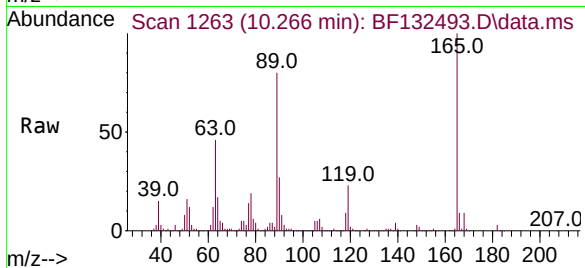
65 100.5 79.2 119.2





#57
2,4-Dinitrotoluene
Concen: 39.896 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

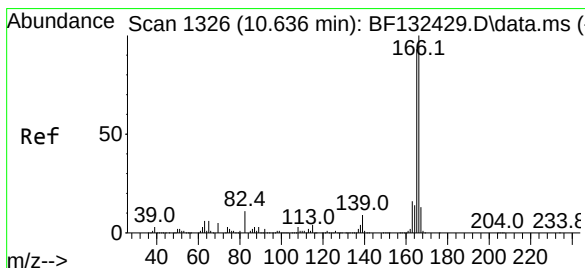
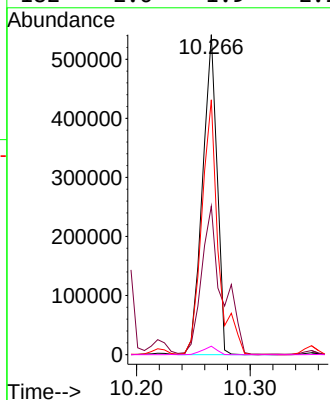
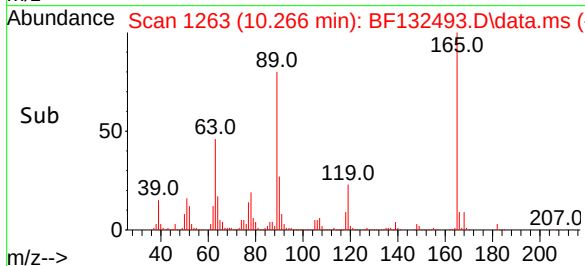


Tgt Ion:165 Resp: 482742
Ion Ratio Lower Upper
165 100
63 46.4 37.1 55.7
89 79.6 63.6 95.4
182 2.6 1.9 2.9

Manual Integrations
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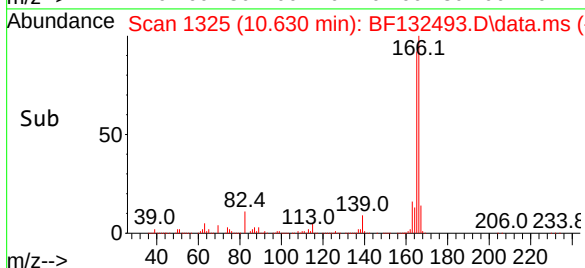
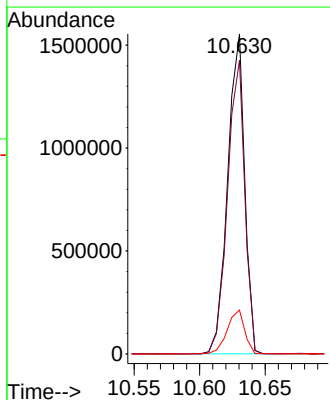
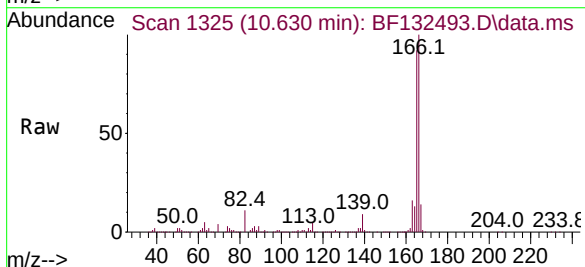
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

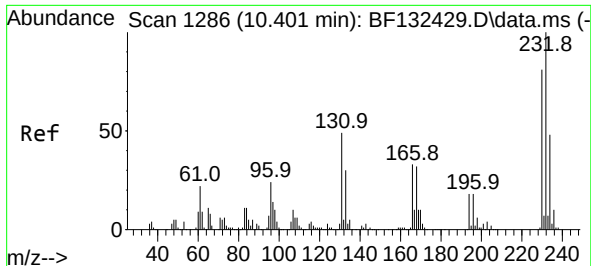
Supervised By :Jagrut
Upadhyay
02/22/2023



#58
Fluorene
Concen: 36.389 ng
RT: 10.630 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

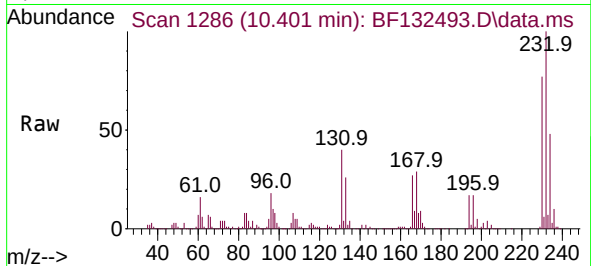
Tgt Ion:166 Resp: 1407251
Ion Ratio Lower Upper
166 100
165 91.8 74.6 111.8
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.380 ng
RT: 10.401 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

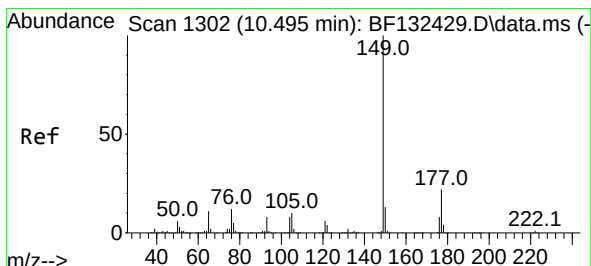
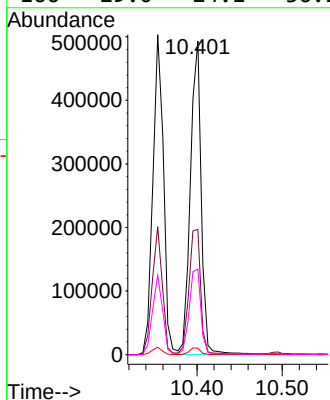
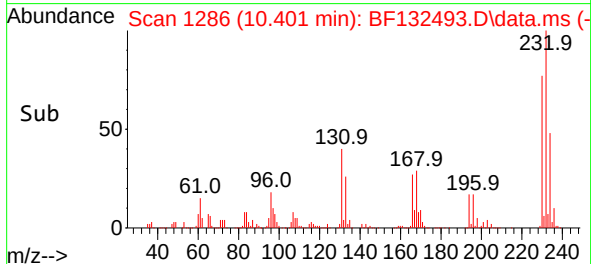


Tgt Ion:232 Resp: 435474
Ion Ratio Lower Upper
232 100
131 42.9 35.8 53.8
130 2.2 1.8 2.8
166 29.0 24.1 36.1

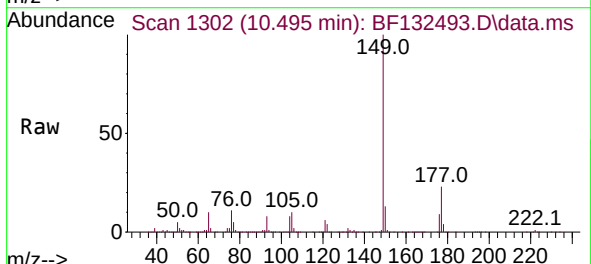
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

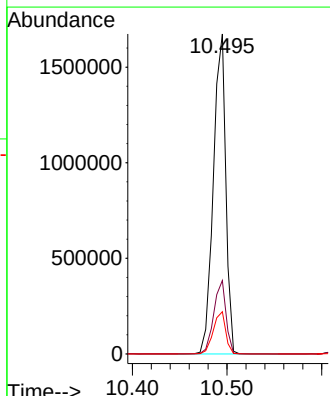
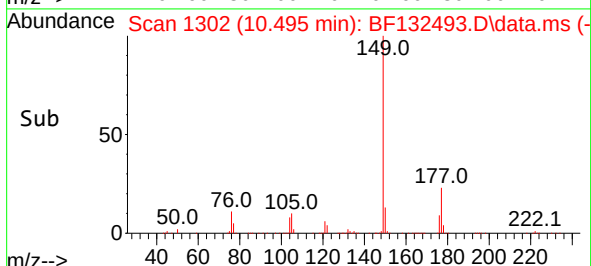
Supervised By :Jagrut
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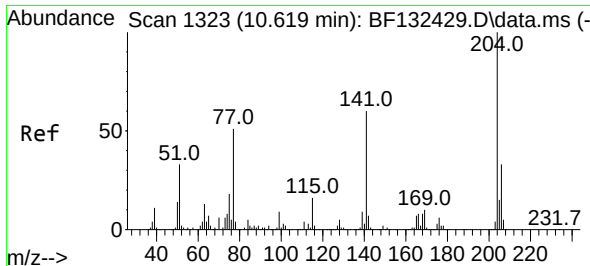


#60
Diethylphthalate
Concen: 36.700 ng
RT: 10.495 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19



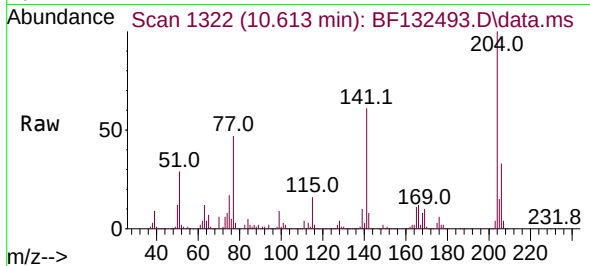
Tgt Ion:149 Resp: 1524869
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 13.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.370 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

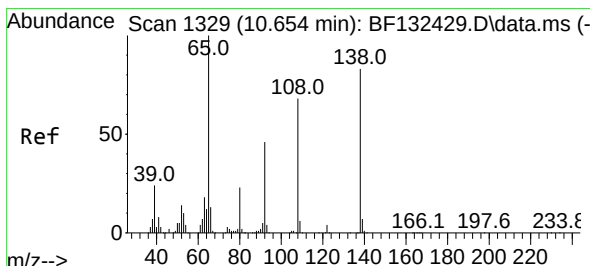
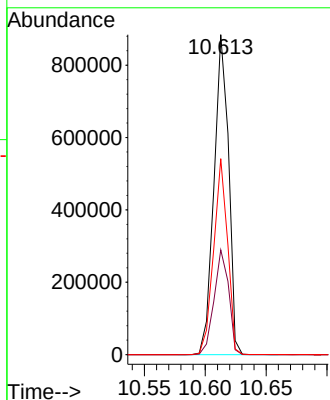
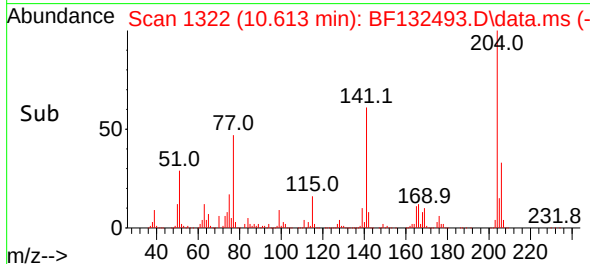


Tgt Ion:204 Resp: 73655
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 61.2 48.2 72.2

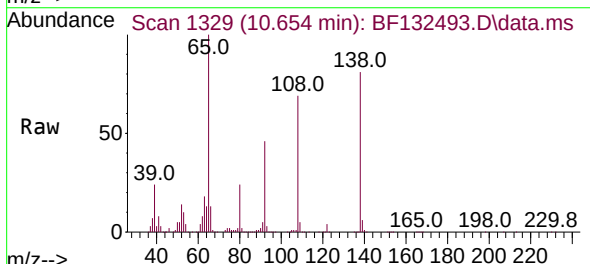
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Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

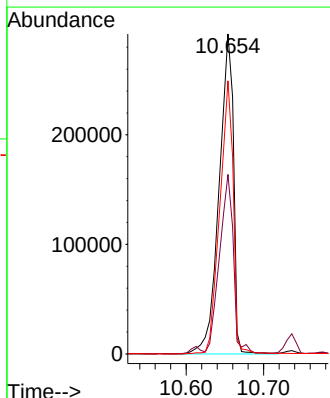
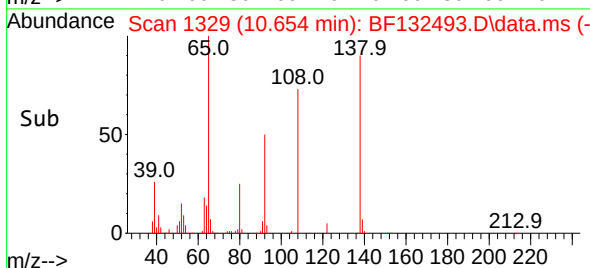
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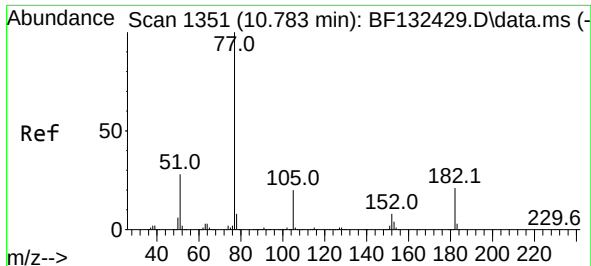


#62
4-Nitroaniline
Concen: 38.226 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19



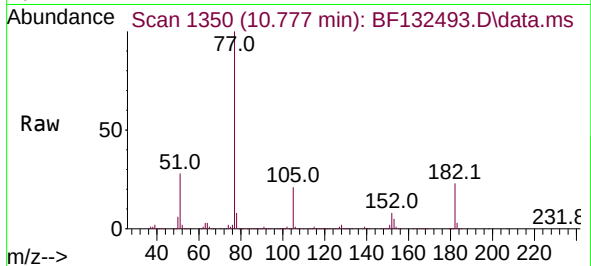
Tgt Ion:138 Resp: 376438
Ion Ratio Lower Upper
138 100
92 56.1 35.9 75.9
108 85.3 62.1 102.1





#63
Azobenzene
Concen: 35.380 ng
RT: 10.777 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

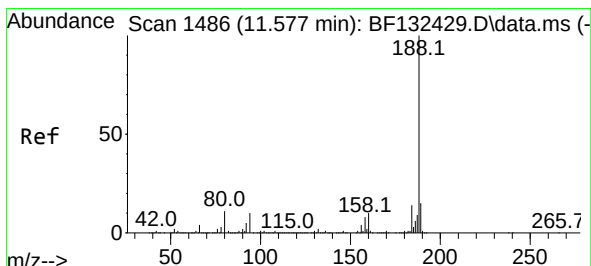
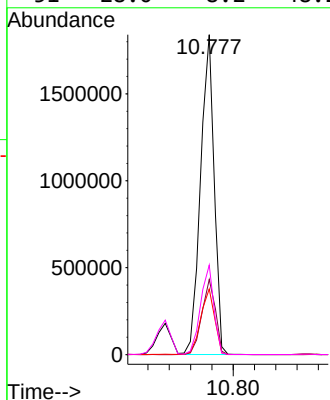
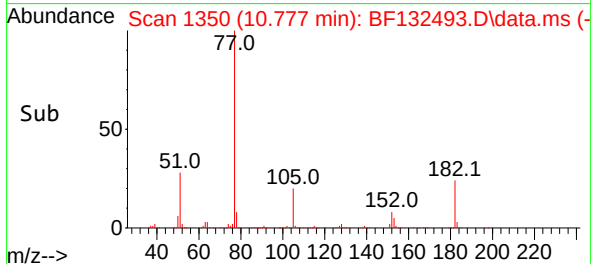


Tgt Ion: 77 Resp: 1626484
Ion Ratio Lower Upper
77 100
182 23.5 1.4 41.4
105 20.5 0.1 40.1
51 28.0 8.2 48.2

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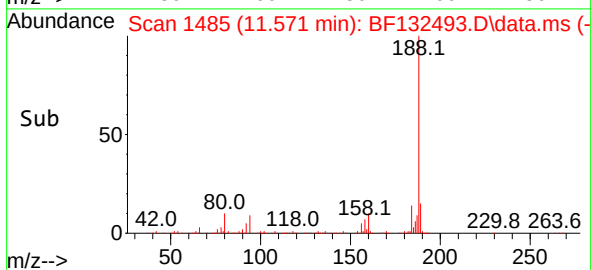
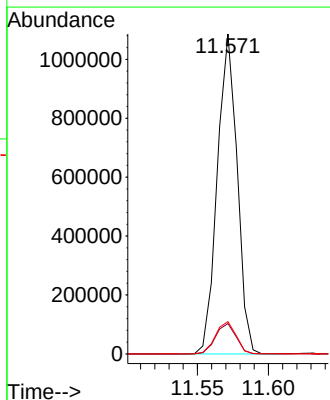
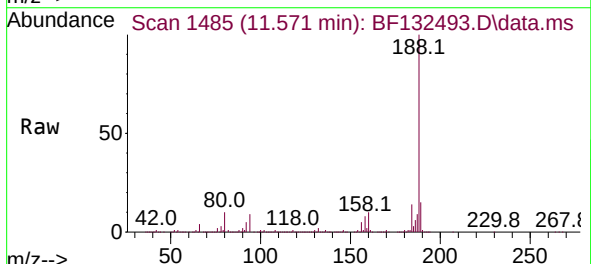
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

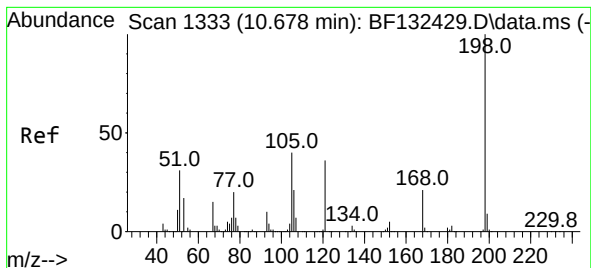
Supervised By :Jagrut
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.571 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:188 Resp: 1061059
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 44.172 ng
RT: 10.677 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

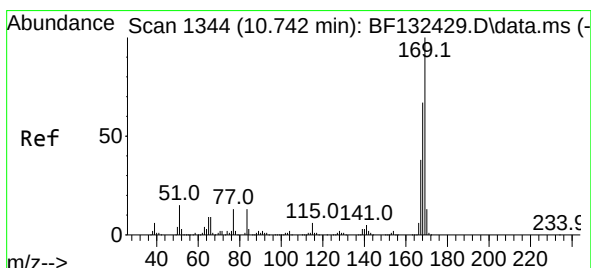
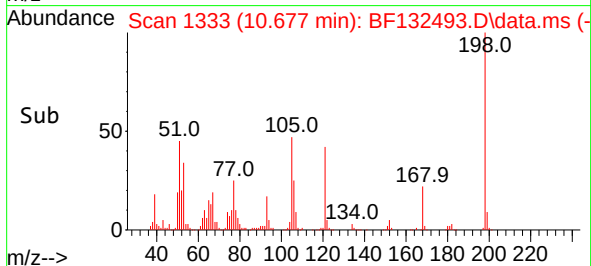
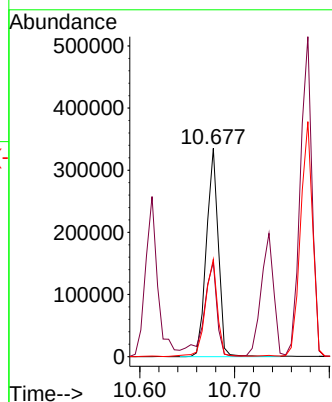
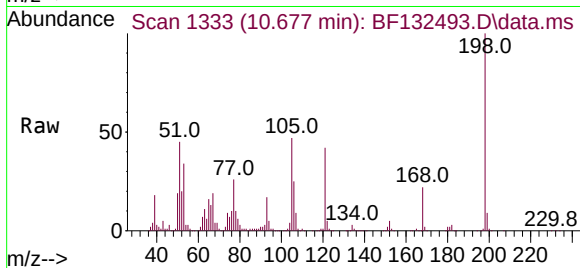
Instrument :
BNA_F
ClientSampleId :
PB150926BS

Tgt Ion:198 Resp: 291389
Ion Ratio Lower Upper
198 100
51 45.3 17.4 57.4
105 46.7 21.3 61.3

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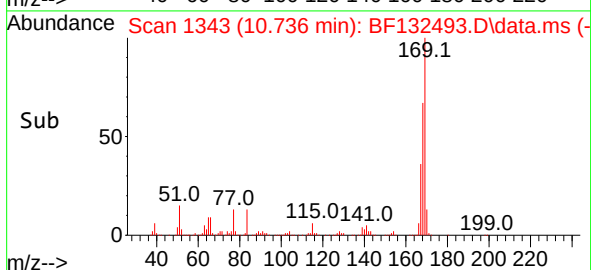
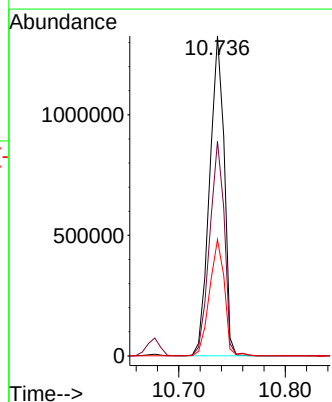
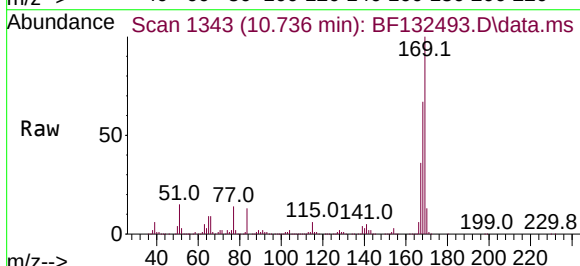
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

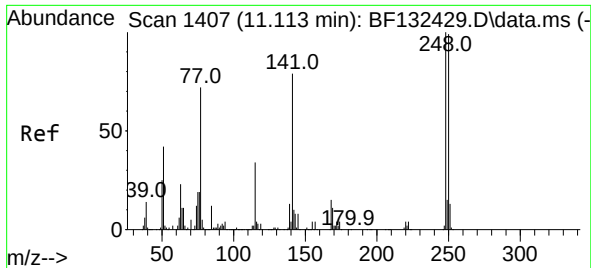
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#66
n-Nitrosodiphenylamine
Concen: 38.761 ng
RT: 10.736 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

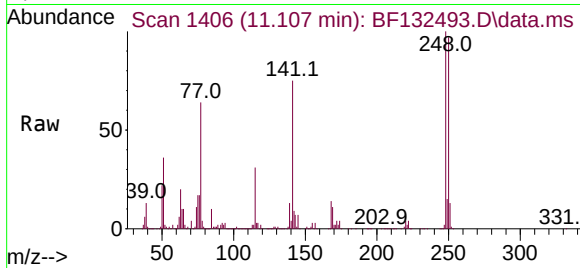
Tgt Ion:169 Resp: 1262324
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 36.3 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 40.820 ng
RT: 11.107 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

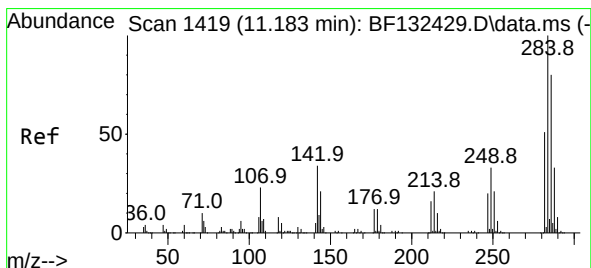
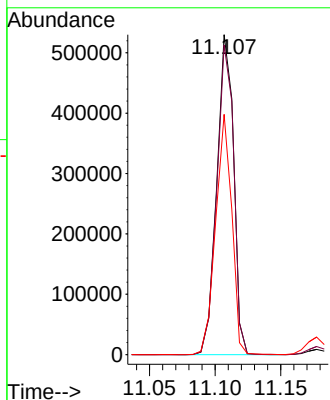
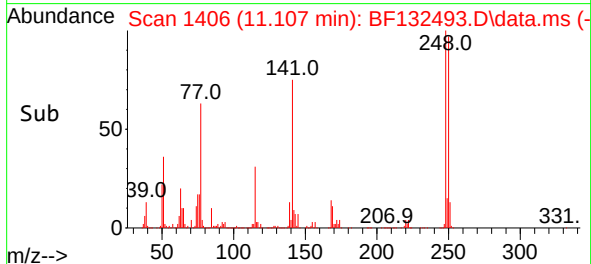


Tgt Ion:248 Resp: 474710
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.4
141 75.1 63.3 94.9

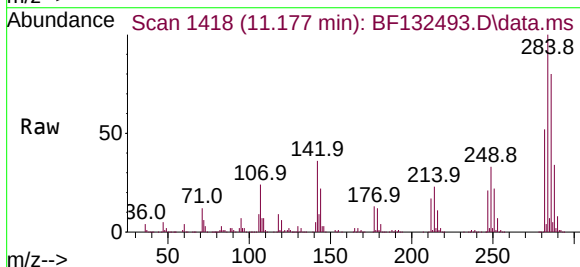
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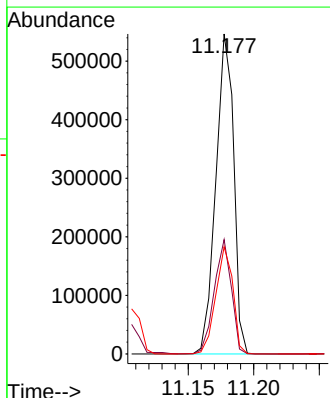
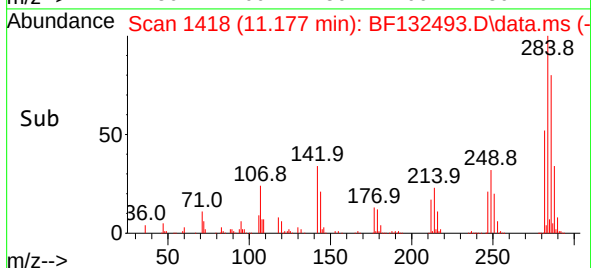
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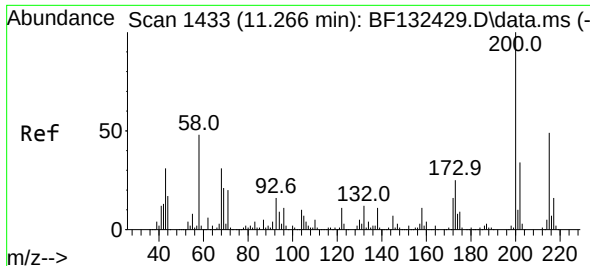


#68
Hexachlorobenzene
Concen: 42.604 ng
RT: 11.177 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19



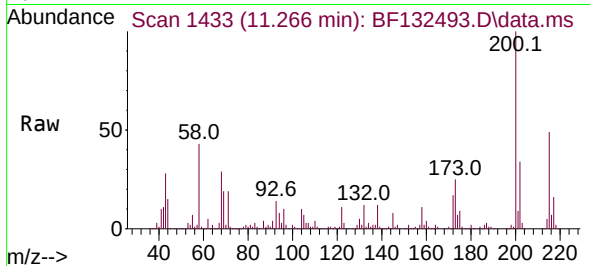
Tgt Ion:284 Resp: 517899
Ion Ratio Lower Upper
284 100
142 35.7 27.5 41.3
249 33.5 26.2 39.4





#69
 Atrazine
 Concen: 44.154 ng
 RT: 11.266 min Scan# 1433
 Delta R.T. 0.006 min
 Lab File: BF132493.D
 Acq: 21 Feb 2023 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB150926BS

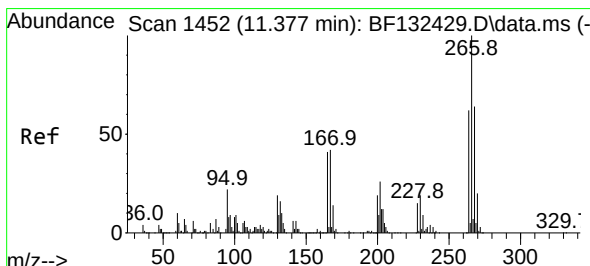
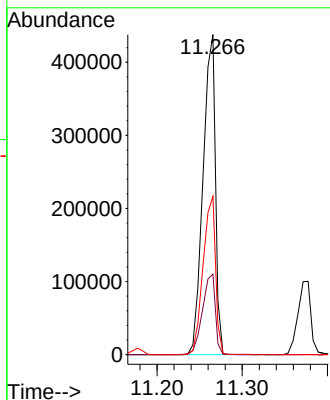
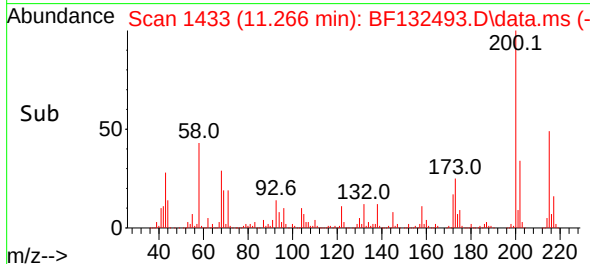


Tgt Ion:200 Resp: 442601
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.3 45.3
 215 49.5 29.1 69.1

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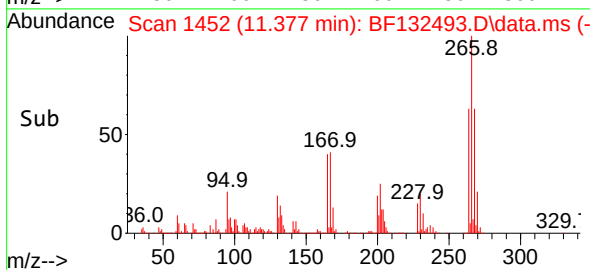
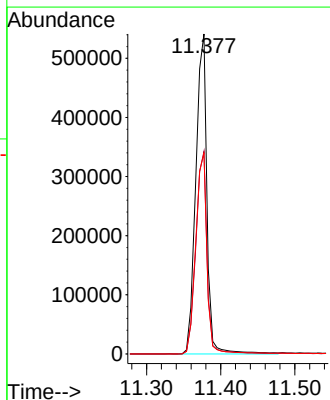
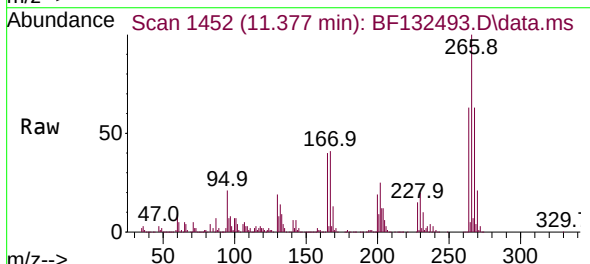
Reviewed By :Christian Giraldo 02/22/2023
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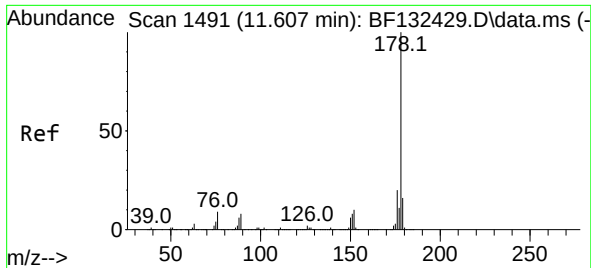
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#70
 Pentachlorophenol
 Concen: 74.968 ng
 RT: 11.377 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: BF132493.D
 Acq: 21 Feb 2023 13:19

Tgt Ion:266 Resp: 566584
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.0 76.4
 264 62.8 49.8 74.6





#71
Phenanthrene
Concen: 37.228 ng
RT: 11.601 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

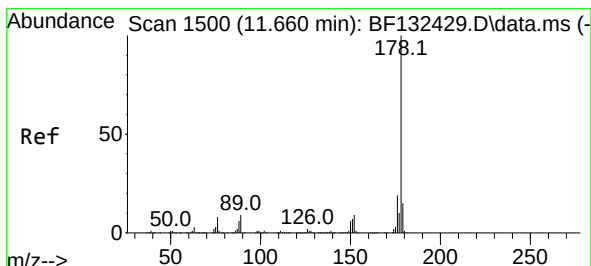
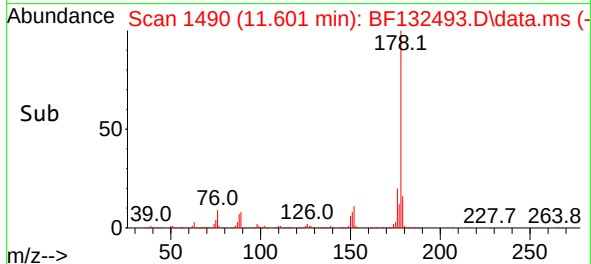
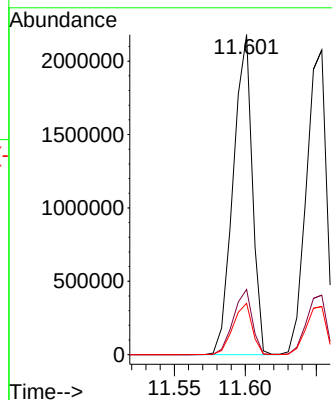
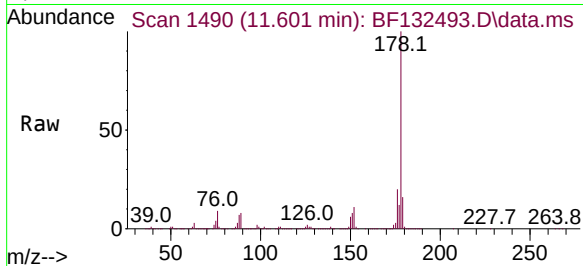
Instrument :
BNA_F
ClientSampleId :
PB150926BS

Tgt Ion:178 Resp: 2034456
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.0 12.6 18.8

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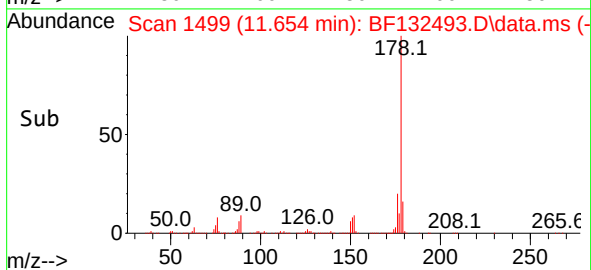
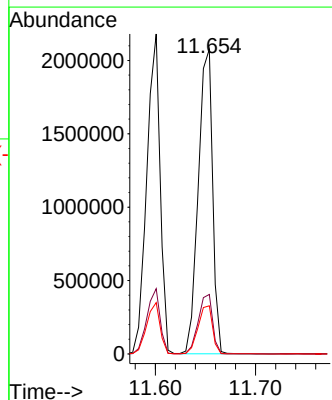
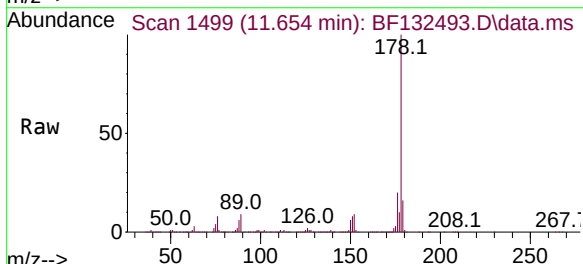
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

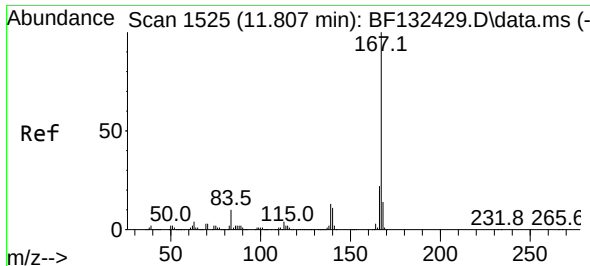
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#72
Anthracene
Concen: 36.543 ng
RT: 11.654 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

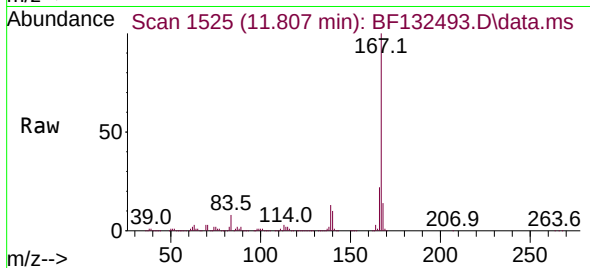
Tgt Ion:178 Resp: 2052966
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 37.017 ng
 RT: 11.807 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: BF132493.D
 Acq: 21 Feb 2023 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB150926BS

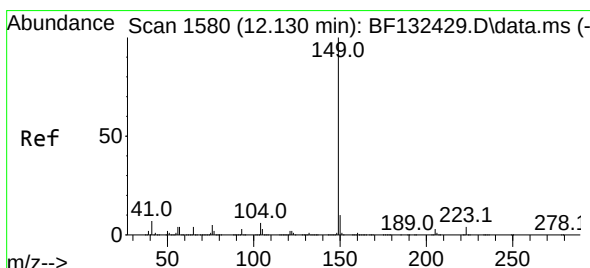
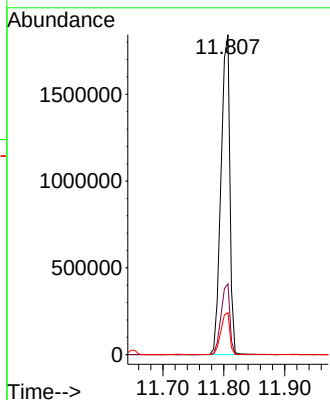
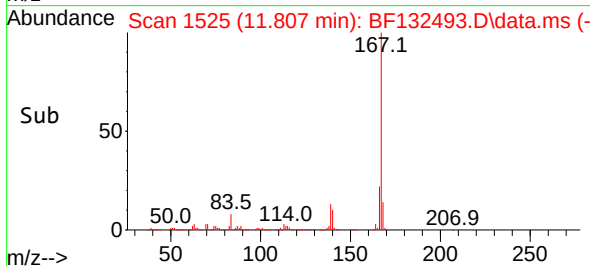


Tgt Ion:167 Resp: 1871944
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.1 10.7 16.1

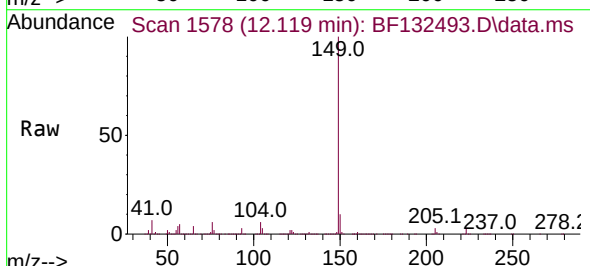
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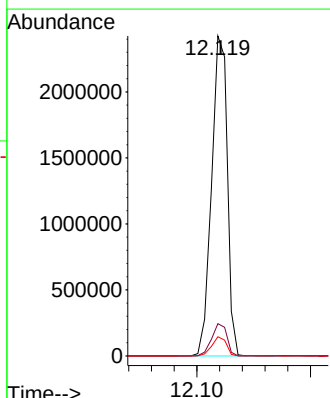
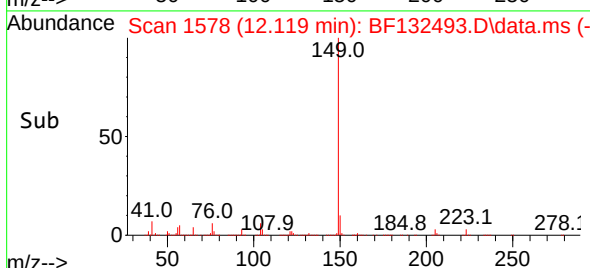
Supervised By :Jagrut
 Upadhyay
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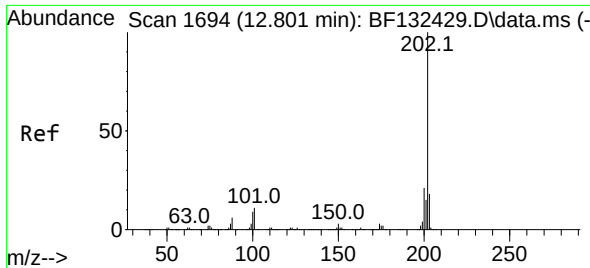


#74
 Di-n-butylphthalate
 Concen: 38.649 ng
 RT: 12.119 min Scan# 1578
 Delta R.T. 0.000 min
 Lab File: BF132493.D
 Acq: 21 Feb 2023 13:19



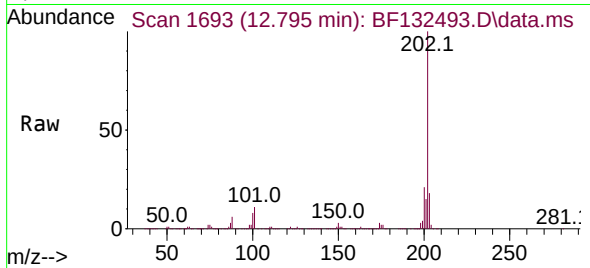
Tgt Ion:149 Resp: 2327993
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 6.0 4.5 6.7





#75
Fluoranthene
Concen: 35.952 ng
RT: 12.795 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

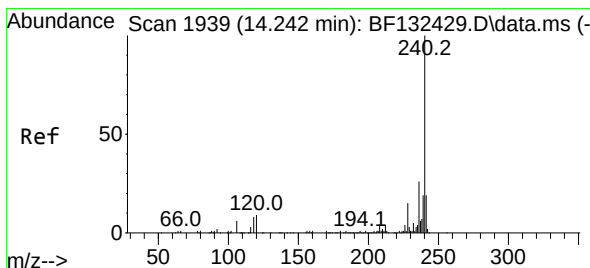
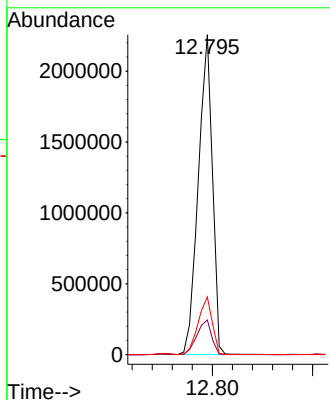
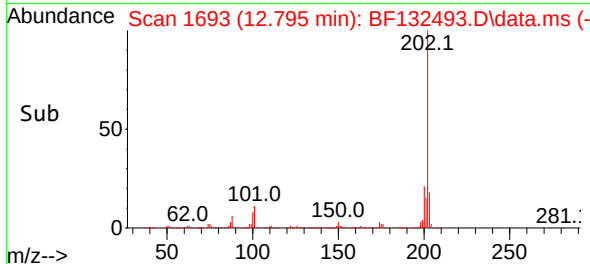


Tgt Ion:202 Resp: 2191113
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 18.0 0.0 37.8

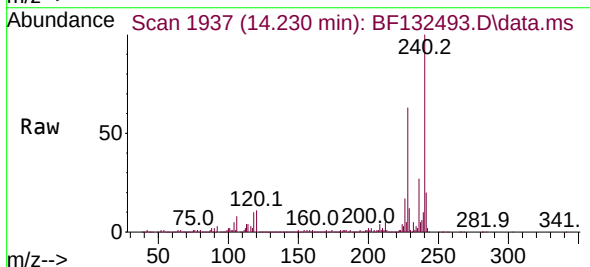
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Supervised By :Jagrut Upadhyay 02/22/2023

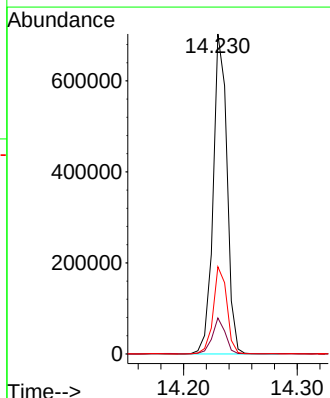
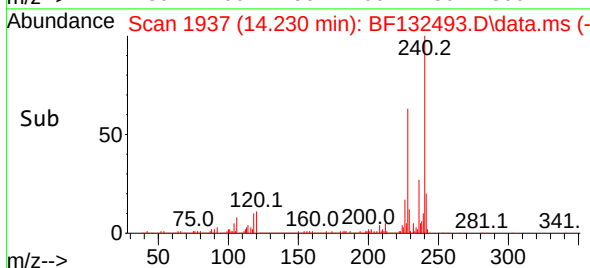
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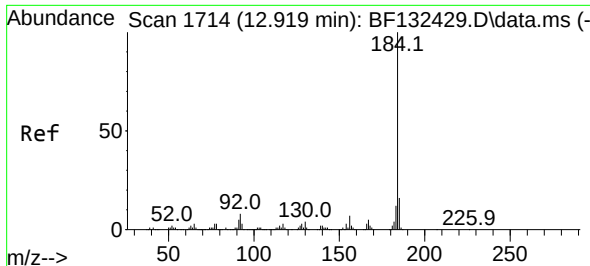


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19



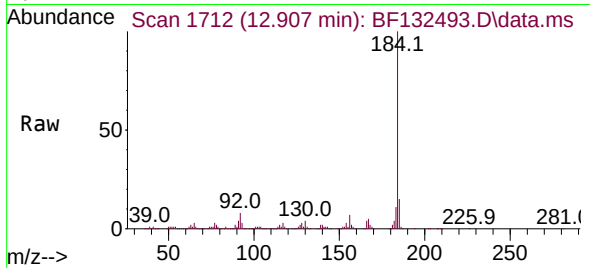
Tgt Ion:240 Resp: 596941
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 27.2 21.0 31.6





#77
Benzidine
Concen: 36.461 ng
RT: 12.907 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

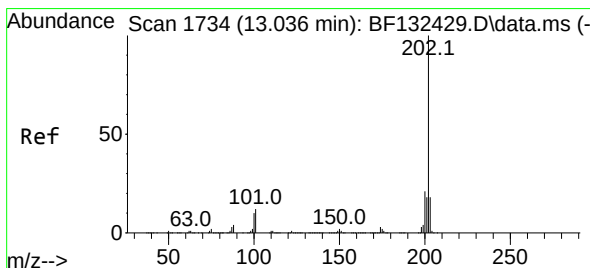
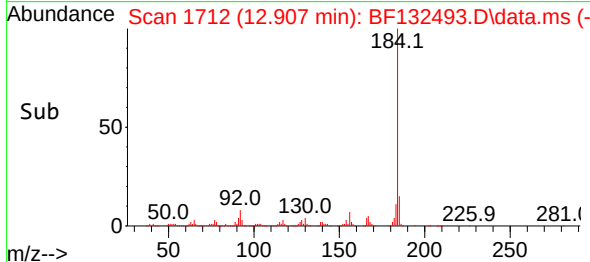
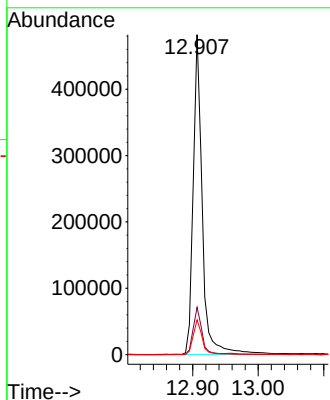


Tgt Ion:184 Resp: 463456
Ion Ratio Lower Upper
184 100
185 14.8 12.4 18.6
183 10.9 9.2 13.8

Manual Integrations
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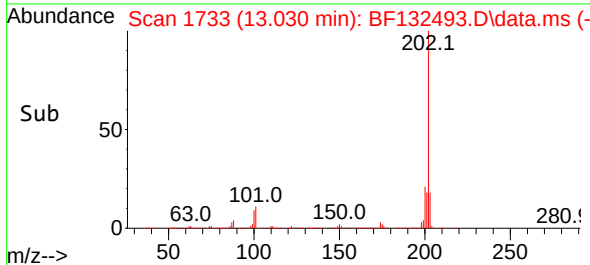
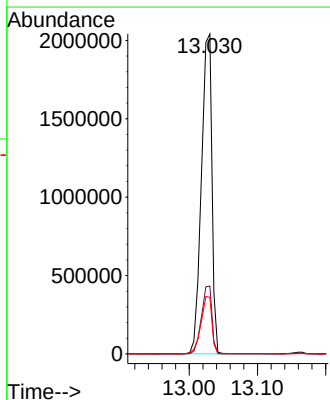
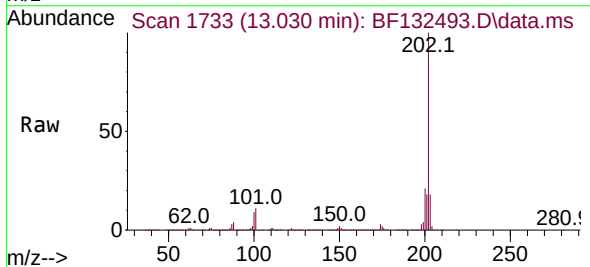
Reviewed By :Christian Giraldo 02/22/2023
Supervised By :Jagrut Upadhyay 02/22/2023

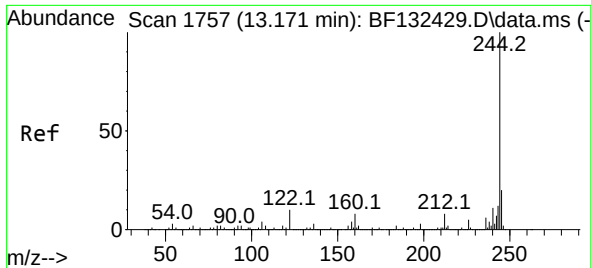
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#78
Pyrene
Concen: 43.369 ng
RT: 13.030 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:202 Resp: 2199257
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.7 14.3 21.5





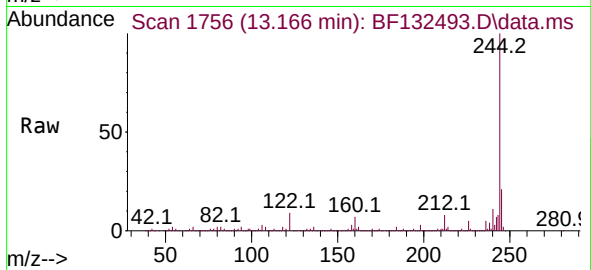
#79
 Terphenyl-d14
 Concen: 92.902 ng
 RT: 13.166 min Scan# 1756
 Delta R.T. 0.006 min
 Lab File: BF132493.D
 Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB150926BS



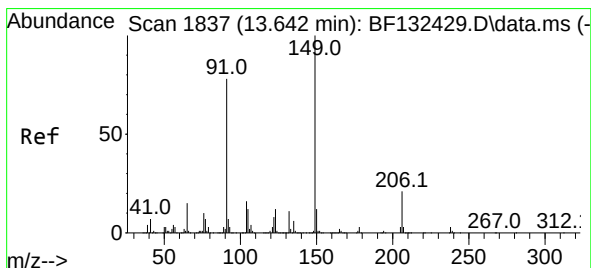
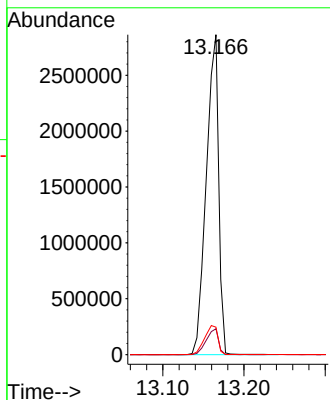
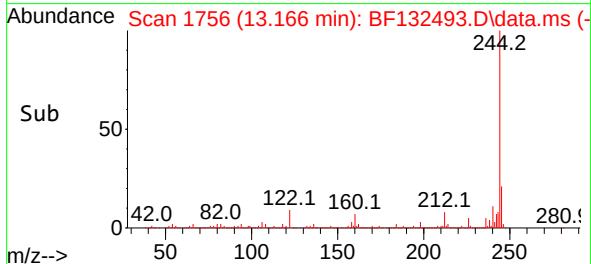
Tgt Ion:244 Resp: 3045072
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 8.6 7.7 11.5

Manual Integrations

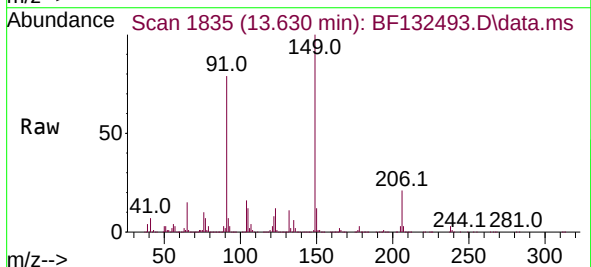
APPROVED

Reviewed By :Christian Giraldo 02/22/2023
 Supervised By :Jagrut Upadhyay 02/22/2023

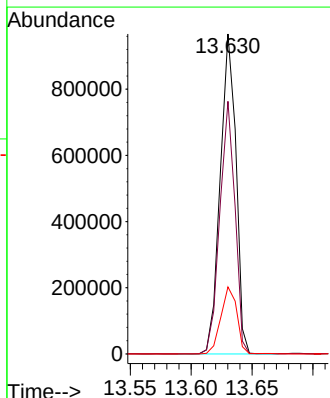
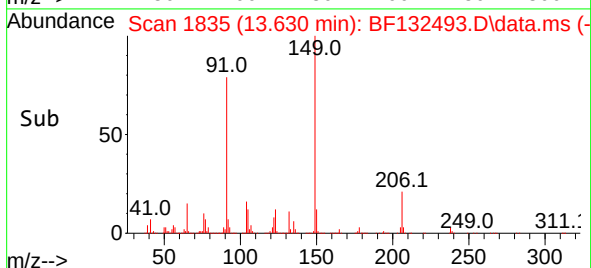
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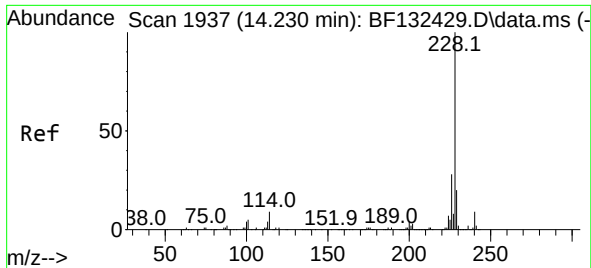


#80
 Butylbenzylphthalate
 Concen: 45.884 ng
 RT: 13.630 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF132493.D
 Acq: 21 Feb 2023 13:19



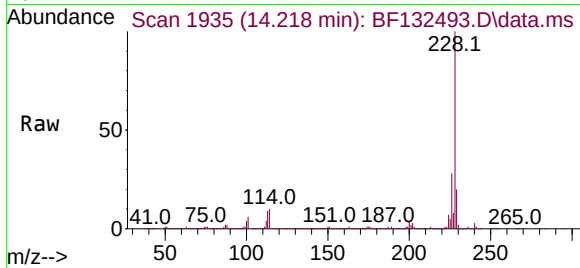
Tgt Ion:149 Resp: 868238
 Ion Ratio Lower Upper
 149 100
 91 78.9 62.8 94.2
 206 20.9 16.9 25.3





#81
Benzo(a)anthracene
Concen: 38.433 ng
RT: 14.218 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

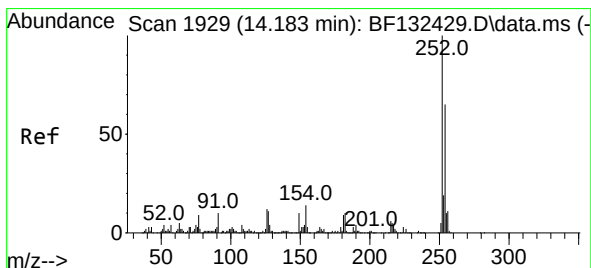
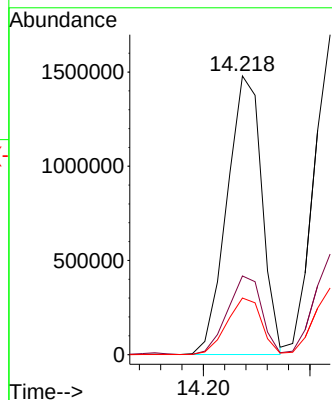
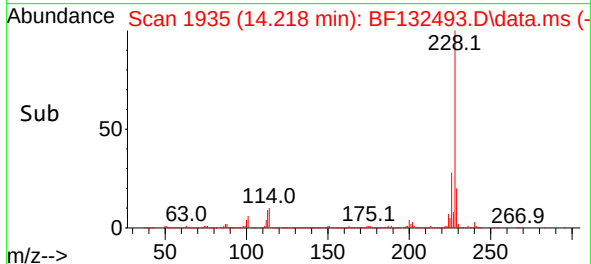


Tgt Ion:228 Resp: 1680318
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 20.3 16.2 24.4

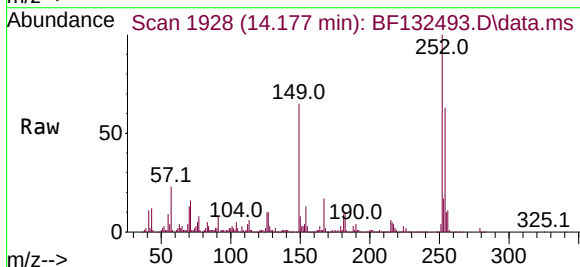
Manual Integrations
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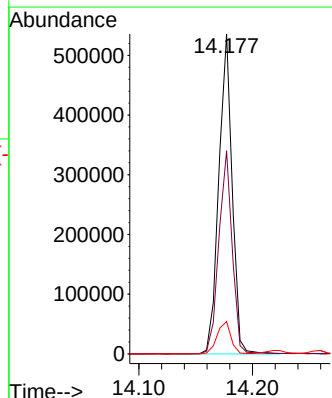
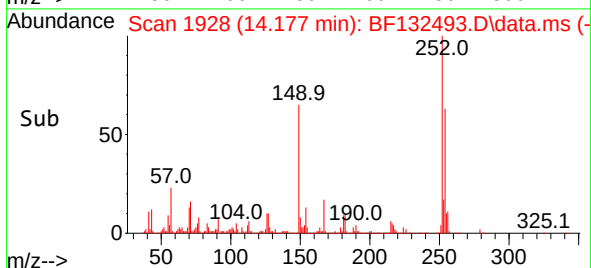
Supervised By :Jagrut
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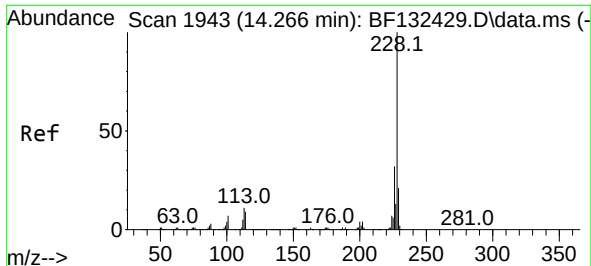


#82
3,3'-Dichlorobenzidine
Concen: 37.417 ng
RT: 14.177 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19



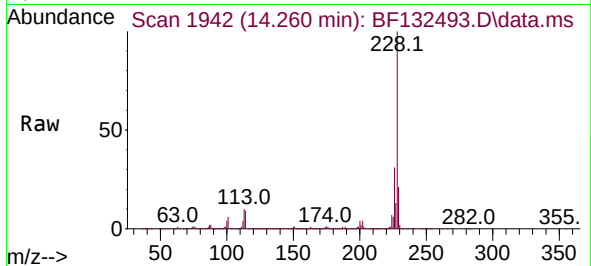
Tgt Ion:252 Resp: 436957
Ion Ratio Lower Upper
252 100
254 63.5 52.2 78.2
126 10.1 9.6 14.4





#83
Chrysene
Concen: 37.073 ng
RT: 14.260 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

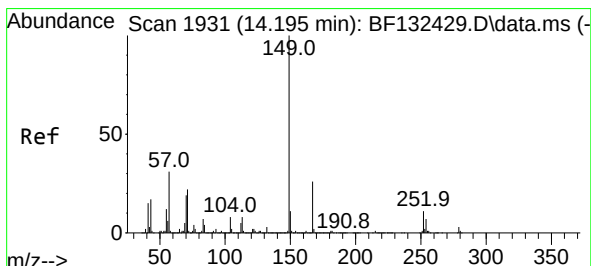
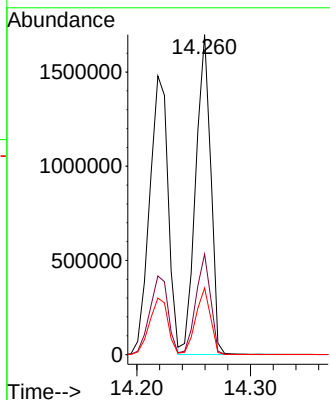
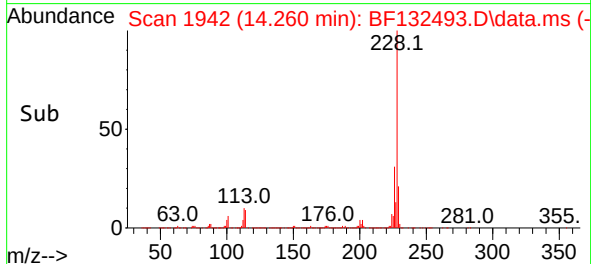


Tgt Ion:228 Resp: 1548635
Ion Ratio Lower Upper
228 100
226 31.4 25.4 38.2
229 20.8 16.6 25.0

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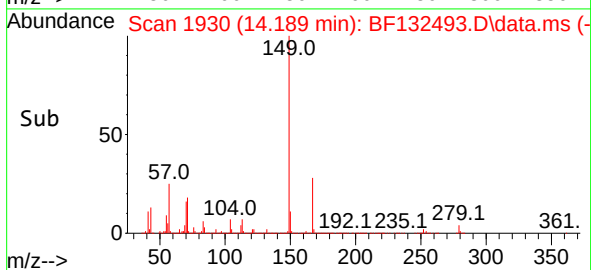
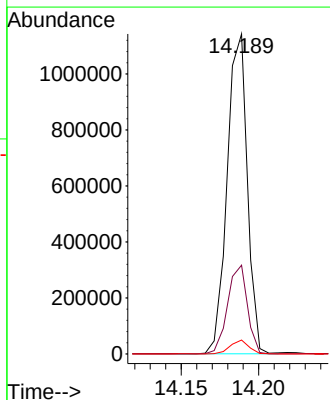
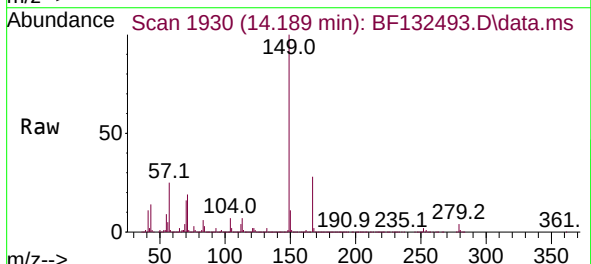
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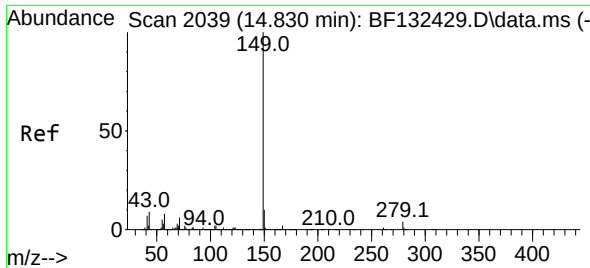
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.198 ng
RT: 14.189 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

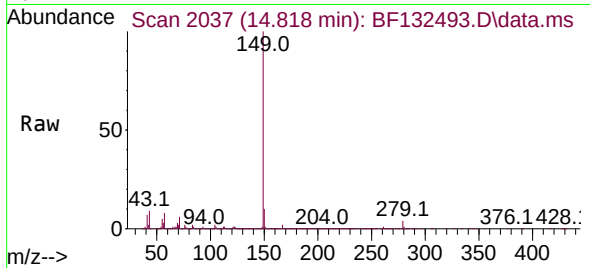
Tgt Ion:149 Resp: 1033652
Ion Ratio Lower Upper
149 100
167 27.7 21.0 31.6
279 4.3 2.5 3.7





#85
Di-n-octyl phthalate
Concen: 44.012 ng
RT: 14.818 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB150926BS

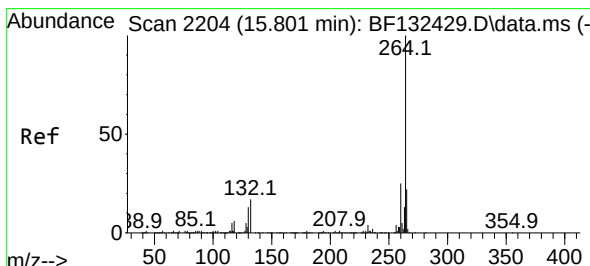
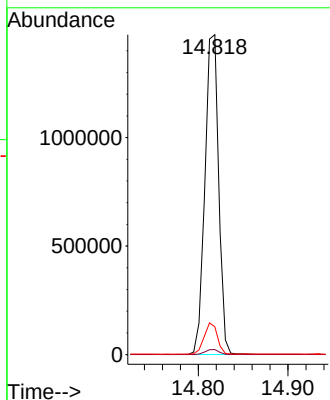
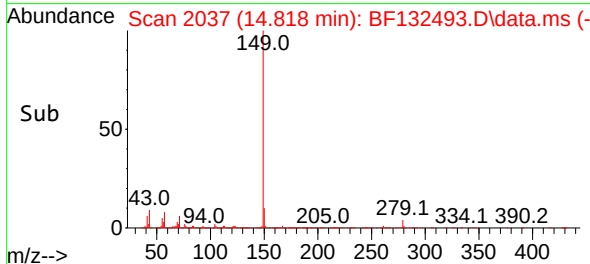


Tgt Ion:149 Resp: 1565460
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 8.0 12.0

Manual Integrations
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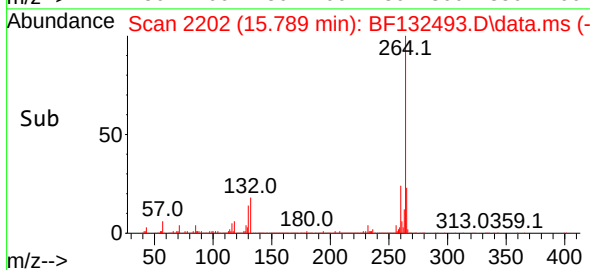
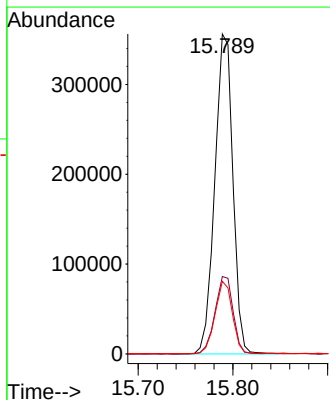
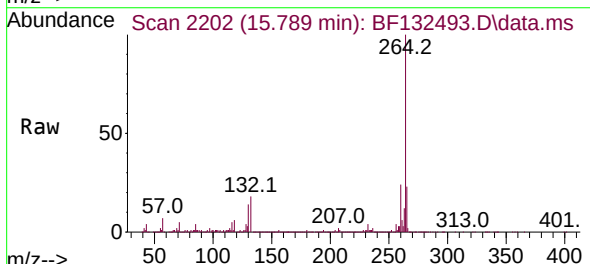
Reviewed By :Christian Giraldo 02/22/2023
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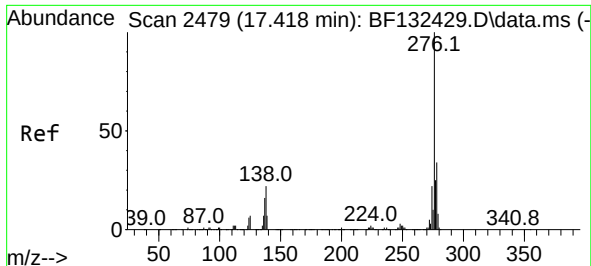
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.789 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:264 Resp: 471770
Ion Ratio Lower Upper
264 100
260 24.2 20.0 30.0
265 22.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.973 ng
RT: 17.418 min Scan# 2479
Delta R.T. 0.018 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

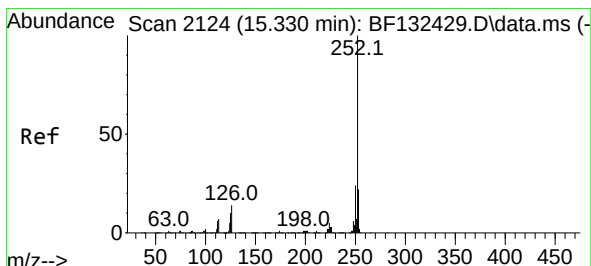
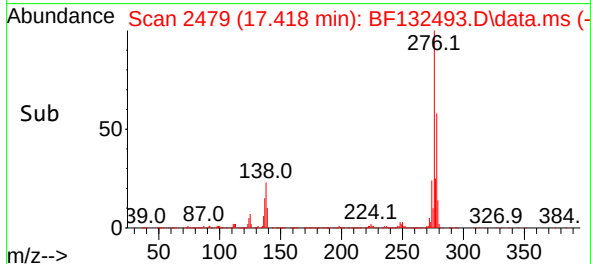
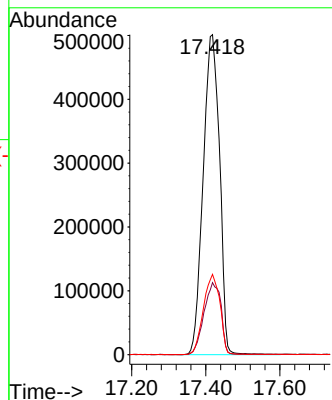
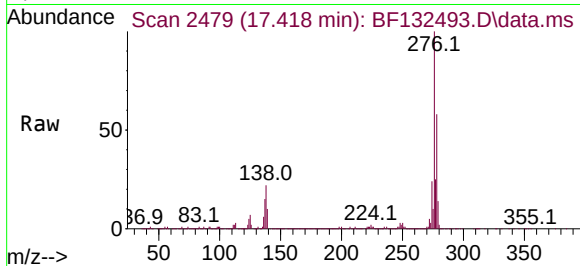
Instrument :
BNA_F
ClientSampleId :
PB150926BS

Tgt Ion:276 Resp: 1537205
Ion Ratio Lower Upper
276 100
138 23.4 20.2 30.4
277 25.3 20.0 30.0

Manual Integrations
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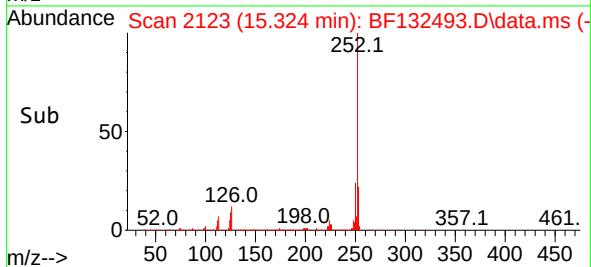
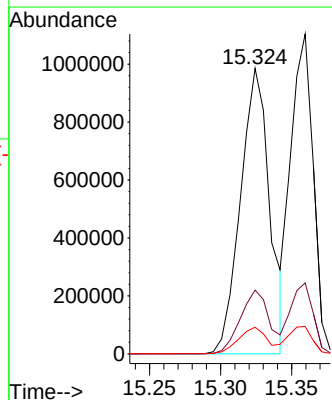
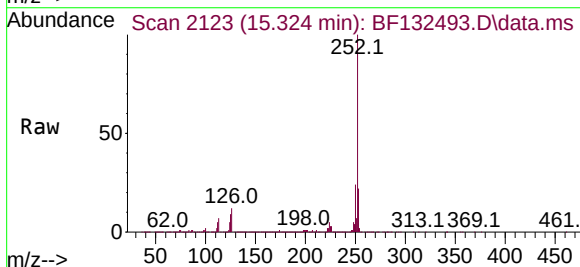
Reviewed By :Christian Giraldo 02/22/2023
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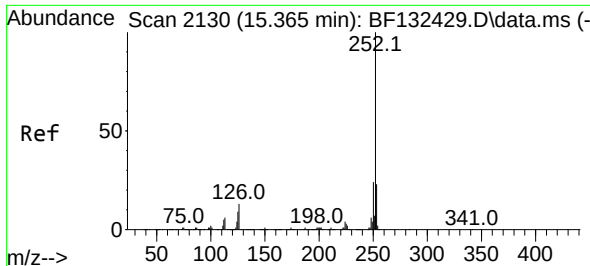
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#88
Benzo(b)fluoranthene
Concen: 45.322 ng
RT: 15.324 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:252 Resp: 1406075
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.3 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 39.203 ng
RT: 15.359 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

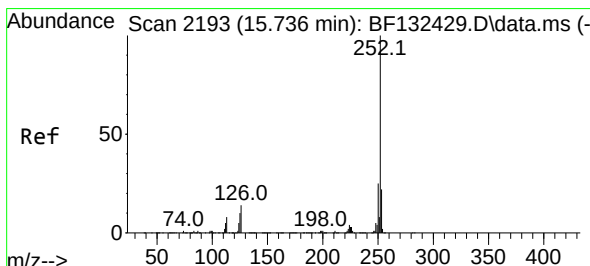
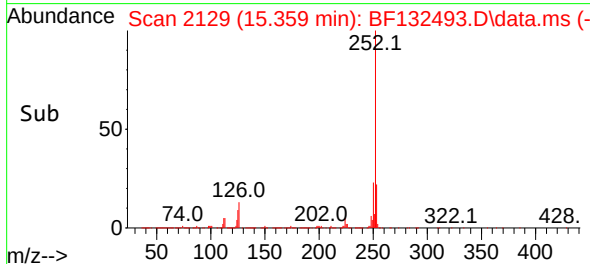
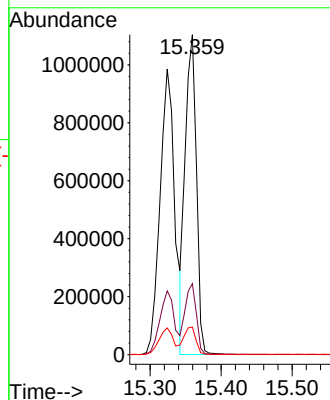
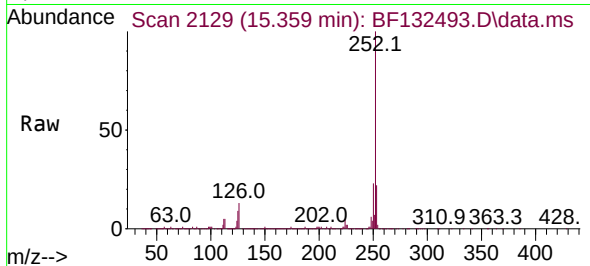
Instrument :
BNA_F
ClientSampleId :
PB150926BS

Tgt Ion:252 Resp: 1217097
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.6 7.5 11.3

Manual Integrations
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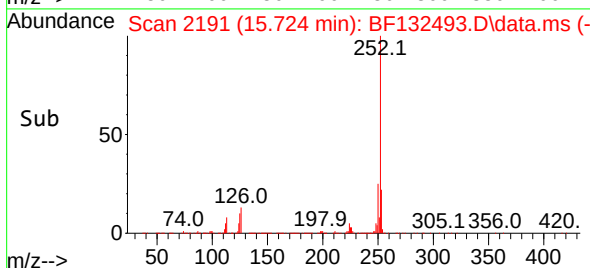
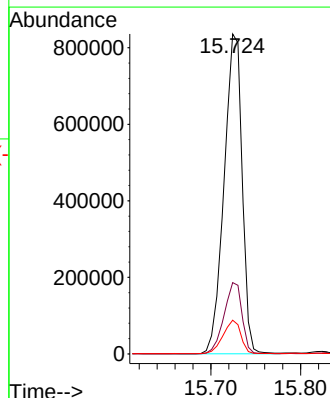
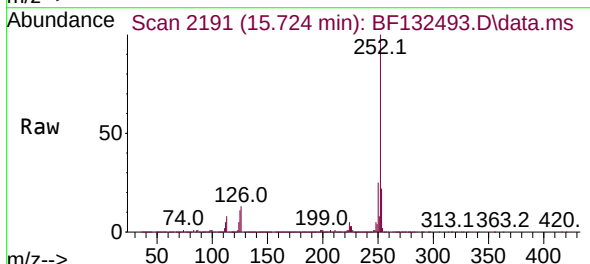
Reviewed By :Christian Giraldo 02/22/2023
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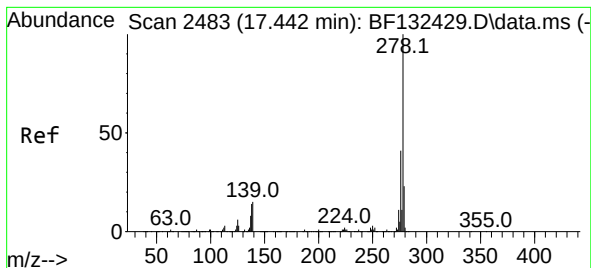
Supervised By :Jagrut
Upadhyay
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#90
Benzo(a)pyrene
Concen: 40.768 ng
RT: 15.724 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:252 Resp: 1175399
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.5 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 52.201 ng
RT: 17.436 min Scan# 2483
Delta R.T. 0.018 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Instrument :

BNA_F

ClientSampleId :

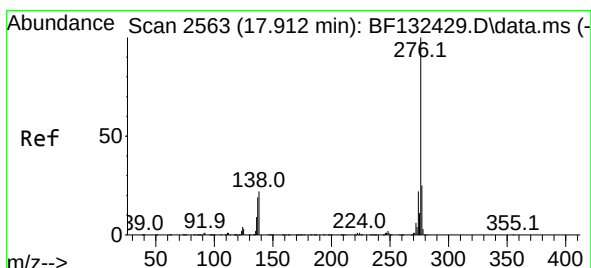
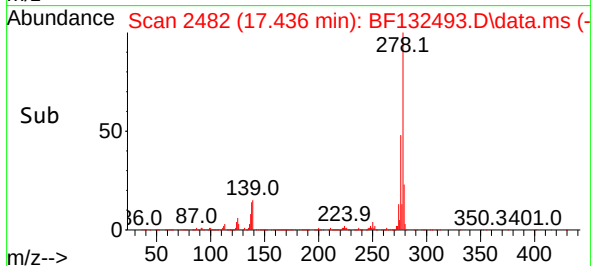
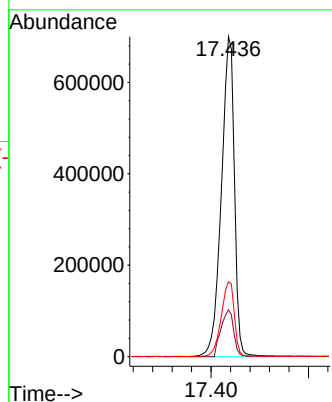
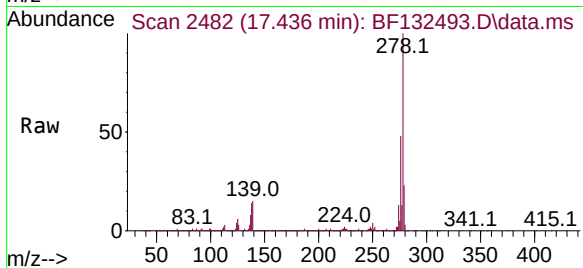
PB150926BS

Tgt Ion:278 Resp: 1296605
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.2
279 23.4 18.8 28.2

Manual Integrations
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Supervised By :Jagrut Upadhyay 02/22/2023

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Upadhyay
02/22/2023



#92
Benzo(g,h,i)perylene
Concen: 52.443 ng
RT: 17.918 min Scan# 2564
Delta R.T. 0.024 min
Lab File: BF132493.D
Acq: 21 Feb 2023 13:19

Tgt Ion:276 Resp: 1337743
Ion Ratio Lower Upper
276 100
277 23.4 19.6 29.4
138 21.6 17.7 26.5

