

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
 Data File : BF132494.D
 Acq On : 21 Feb 2023 14:01
 Operator : CG\JU
 Sample : PB150926BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150926BSD

Quant Time: Feb 22 00:50:30 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	265068	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	1010535	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	563173	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	1059461	20.000	ng	0.00
76) Chrysene-d12	14.230	240	622578	20.000	ng	# 0.00
86) Perylene-d12	15.789	264	476379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1351014	81.670	ng	0.01
7) Phenol-d6	6.648	99	1758426	81.407	ng	0.00
23) Nitrobenzene-d5	7.595	82	1671916	79.497	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	479917	85.410	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	2543143	69.737	ng	0.00
79) Terphenyl-d14	13.166	244	3105153	90.834	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.984	88	262165	29.296	ng	98
3) Pyridine	3.737	79	670703	27.611	ng	97
4) n-Nitrosodimethylamine	3.707	42	361653	37.708	ng	94
6) Aniline	6.684	93	992157	32.971	ng	98
8) 2-Chlorophenol	6.807	128	744884	44.108	ng	95
9) Benzaldehyde	6.572	77	196206	16.989	ng	94
10) Phenol	6.666	94	939935m	41.061	ng	
11) bis(2-Chloroethyl)ether	6.754	93	821903	42.329	ng	99
12) 1,3-Dichlorobenzene	6.960	146	733671	39.880	ng	99
13) 1,4-Dichlorobenzene	7.037	146	730550	39.808	ng	98
14) 1,2-Dichlorobenzene	7.190	146	718715	42.746	ng	96
15) Benzyl Alcohol	7.166	79	724028	45.316	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1075091	39.822	ng	96
17) 2-Methylphenol	7.272	107	627386	39.025	ng	99
18) Hexachloroethane	7.537	117	299639	43.242	ng	96
19) n-Nitroso-di-n-propyla...	7.443	70	546991	41.307	ng	95
20) 3+4-Methylphenols	7.425	107	726830	36.618	ng	# 76
22) Acetophenone	7.437	105	993389	37.930	ng	99
24) Nitrobenzene	7.613	77	876947	38.032	ng	98
25) Isophorone	7.848	82	1663173	40.245	ng	99
26) 2-Nitrophenol	7.925	139	403549	45.021	ng	97
27) 2,4-Dimethylphenol	7.954	122	646685	39.959	ng	98
28) bis(2-Chloroethoxy)met...	8.048	93	955045	39.546	ng	99
29) 2,4-Dichlorophenol	8.166	162	619893	40.601	ng	98
30) 1,2,4-Trichlorobenzene	8.248	180	681684	40.146	ng	97
31) Naphthalene	8.337	128	1909894	36.419	ng	100
32) Benzoic acid	8.095	122	547848	47.044	ng	96
33) 4-Chloroaniline	8.378	127	528051	24.235	ng	95
34) Hexachlorobutadiene	8.442	225	444476	41.462	ng	98
35) Caprolactam	8.772	113	243773m	49.181	ng	
36) 4-Chloro-3-methylphenol	8.860	107	701993	41.091	ng	99
37) 2-Methylnaphthalene	9.025	142	1300624	36.851	ng	99
38) 1-Methylnaphthalene	9.125	142	1226910	37.001	ng	99
40) 1,2,4,5-Tetrachloroben...	9.195	216	686779	37.635	ng	99
41) Hexachlorocyclopentadiene	9.178	237	801136	79.931	ng	100
43) 2,4,6-Trichlorophenol	9.301	196	486402	40.462	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	514599	36.753	ng	98
46) 1,1'-Biphenyl	9.489	154	1569783	36.014	ng	99
47) 2-Chloronaphthalene	9.519	162	1277351	37.336	ng	99
48) 2-Nitroaniline	9.613	65	473545	39.450	ng	98
49) Acenaphthylene	9.936	152	1917899	35.283	ng	99
50) Dimethylphthalate	9.795	163	1568678	37.824	ng	99
51) 2,6-Dinitrotoluene	9.860	165	359471	39.856	ng	88
52) Acenaphthene	10.113	154	1422139m	42.040	ng	
53) 3-Nitroaniline	10.031	138	306229	29.572	ng	97
54) 2,4-Dinitrophenol	10.142	184	461174	82.195	ng	98
55) Dibenzofuran	10.284	168	1766077	35.187	ng	98
56) 4-Nitrophenol	10.195	139	575706	76.631	ng	92
57) 2,4-Dinitrotoluene	10.266	165	480421	40.464	ng	95
58) Fluorene	10.631	166	1393214	36.716	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.401	232	433355	40.952	ng	98
60) Diethylphthalate	10.495	149	1524656	37.398	ng	99
61) 4-Chlorophenyl-phenyle...	10.613	204	732418	36.858	ng	98
62) 4-Nitroaniline	10.654	138	380067	39.334	ng	98
63) Azobenzene	10.778	77	1614817	35.798	ng	98
65) 4,6-Dinitro-2-methylph...	10.678	198	292775	44.449	ng	90
66) n-Nitrosodiphenylamine	10.736	169	1260131	38.752	ng	99
67) 4-Bromophenyl-phenylether	11.107	248	466436	40.169	ng	98
68) Hexachlorobenzene	11.178	284	518129	42.687	ng	99
69) Atrazine	11.266	200	441064	44.067	ng	99
70) Pentachlorophenol	11.378	266	567871	75.251	ng	99
71) Phenanthrene	11.601	178	2024474	37.101	ng	100
72) Anthracene	11.654	178	2029918	36.187	ng	99
73) Carbazole	11.807	167	1887615	37.383	ng	99
74) Di-n-butylphthalate	12.119	149	2329838	38.738	ng	99
75) Fluoranthene	12.795	202	2207066	36.269	ng	98
77) Benzidine	12.907	184	518045	39.077	ng	99
78) Pyrene	13.030	202	2228234	42.131	ng	99
80) Butylbenzylphthalate	13.630	149	907750	45.997	ng	99
81) Benzo(a)anthracene	14.219	228	1750581	38.392	ng	99
82) 3,3'-Dichlorobenzidine	14.177	252	452591	37.160	ng	99
83) Chrysene	14.260	228	1608340	36.917	ng	99
84) Bis(2-ethylhexyl)phtha...	14.189	149	1080516	42.295	ng	# 98
85) Di-n-octyl phthalate	14.819	149	1634817	44.070	ng	98
87) Indeno(1,2,3-cd)pyrene	17.418	276	1561477	51.277	ng	98
88) Benzo(b)fluoranthene	15.324	252	1455660	46.466	ng	99
89) Benzo(k)fluoranthene	15.360	252	1271033	40.544	ng	99
90) Benzo(a)pyrene	15.724	252	1197315	41.126	ng	99
91) Dibenzo(a,h)anthracene	17.436	278	1309461	52.209	ng	99
92) Benzo(g,h,i)perylene	17.918	276	1372016	53.266	ng	98

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

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Manual Integrations

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02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023

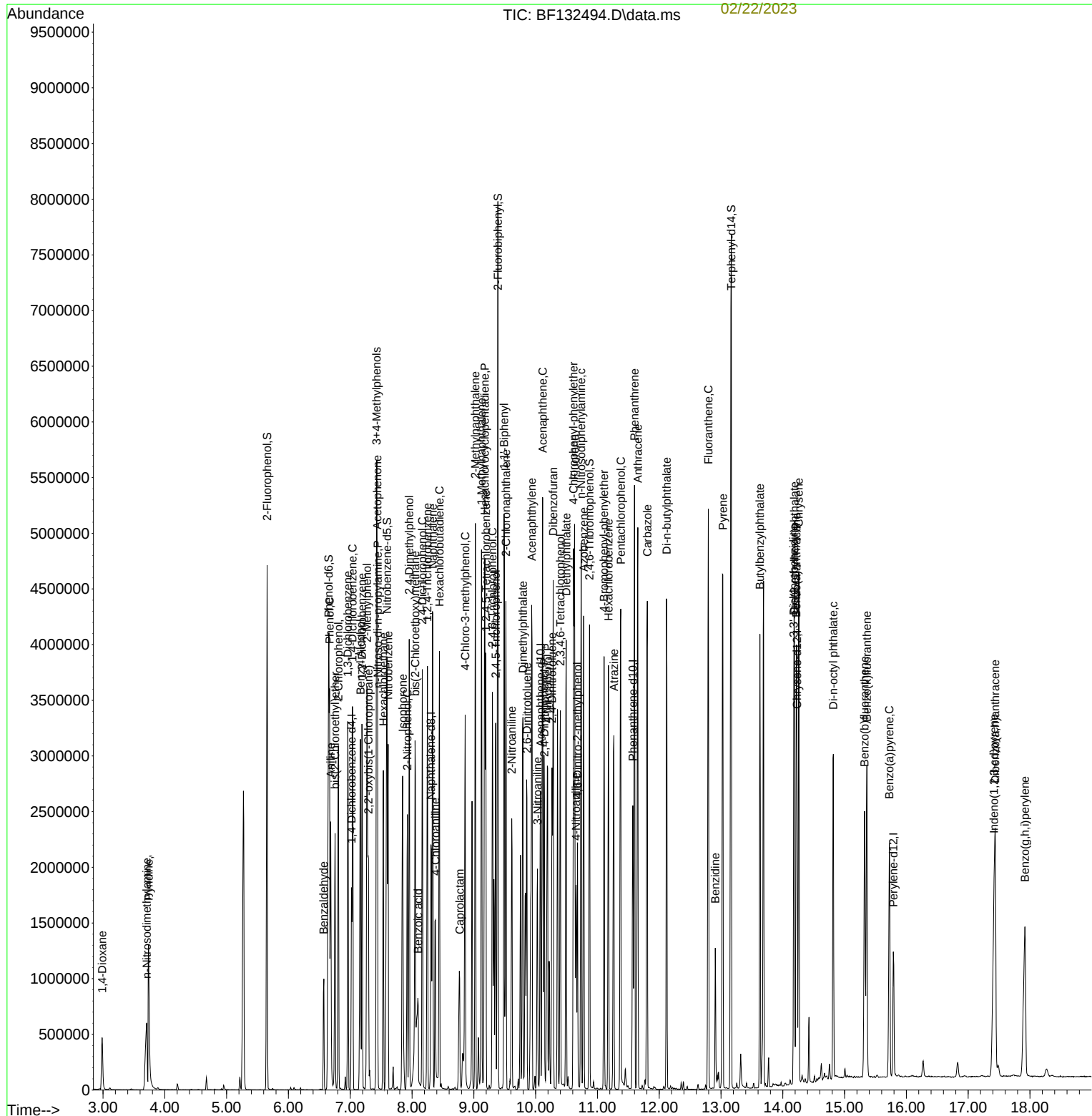
Quant Time: Feb 22 00:50:30 2023

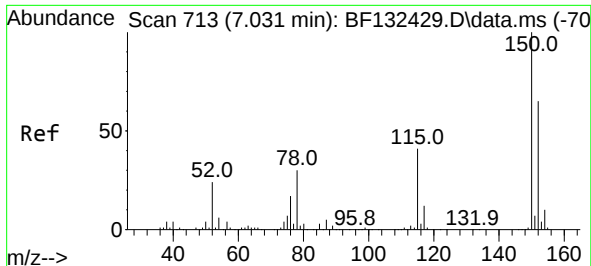
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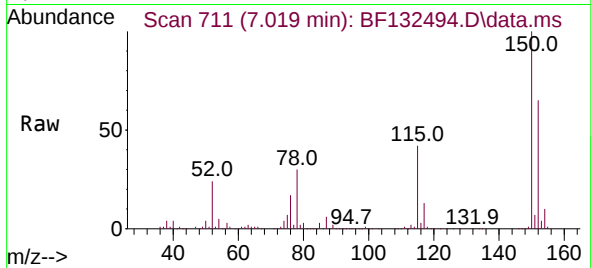
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

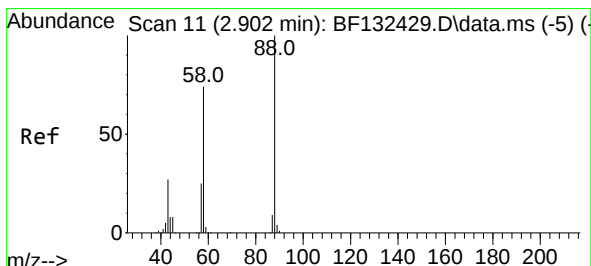
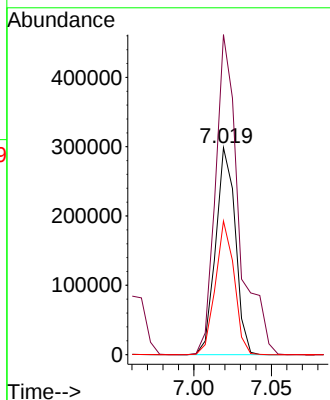
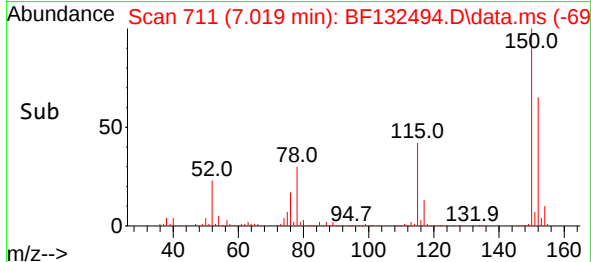
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Tgt Ion:152 Resp: 265068
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.8
115 64.5 50.4 75.6

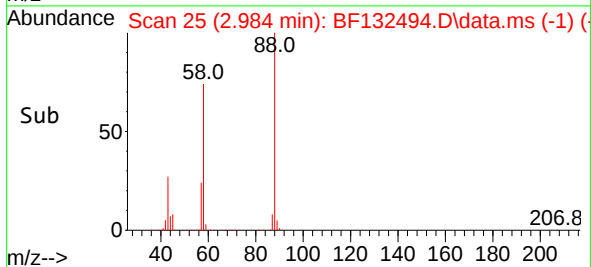
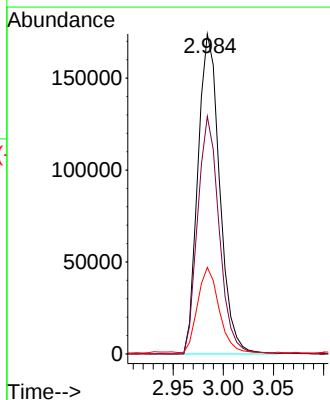
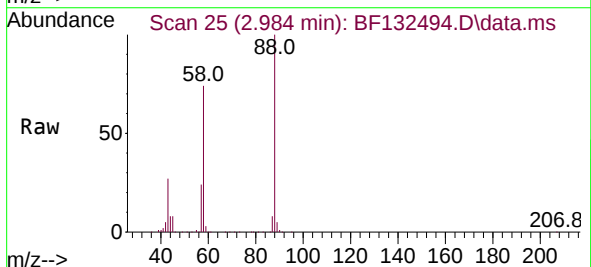
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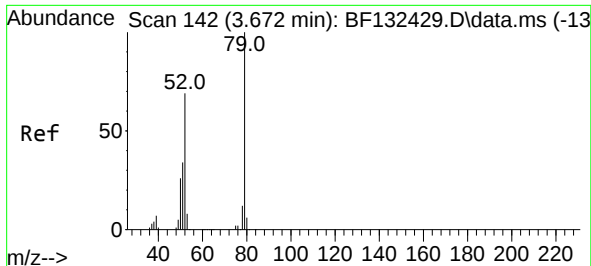
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#2
1,4-Dioxane
Concen: 29.296 ng
RT: 2.984 min Scan# 25
Delta R.T. 0.083 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

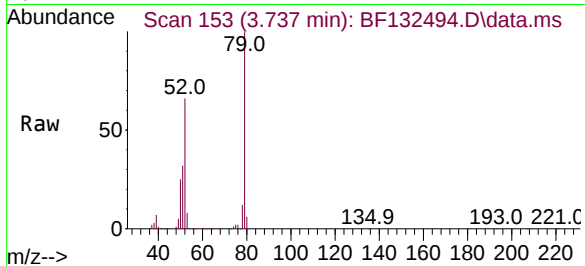
Tgt Ion: 88 Resp: 262165
Ion Ratio Lower Upper
88 100
58 73.5 60.1 90.1
43 26.2 21.5 32.3





#3
Pyridine
Concen: 27.611 ng
RT: 3.737 min Scan# 142
Delta R.T. 0.065 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

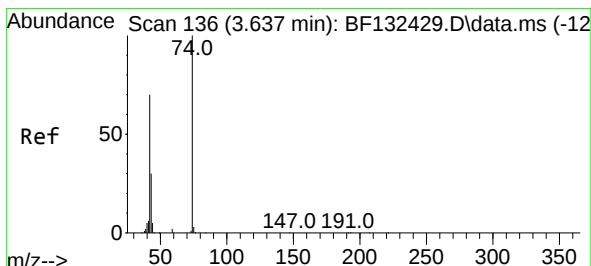
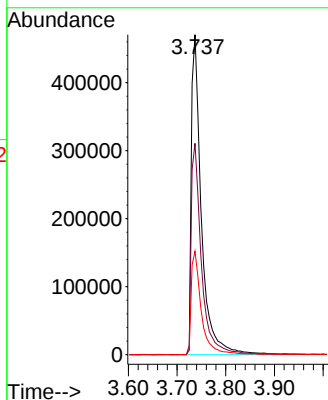
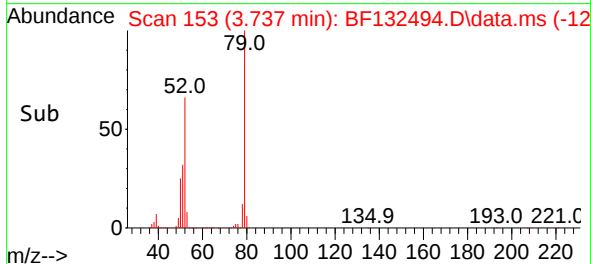
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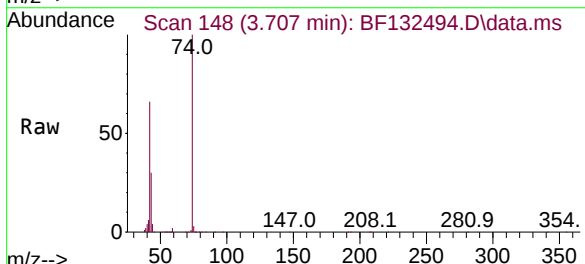
Tgt Ion: 79 Resp: 670703
Ion Ratio Lower Upper
79 100
52 66.0 55.0 82.6
51 32.3 27.0 40.6

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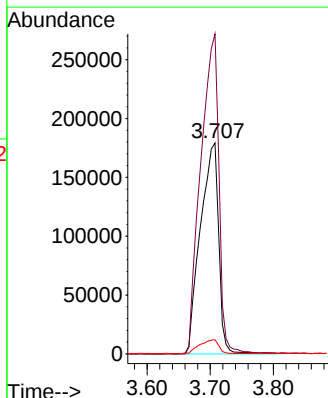
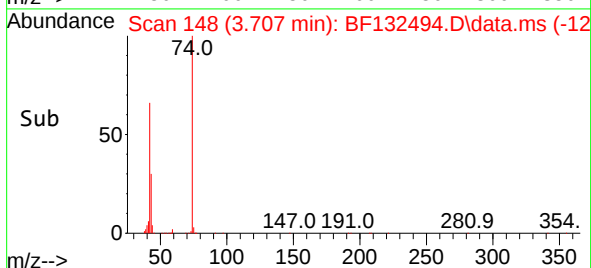
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

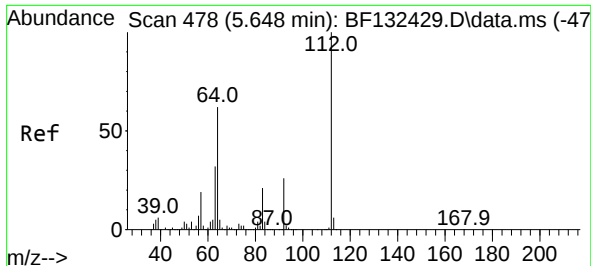


#4
n-Nitrosodimethylamine
Concen: 37.708 ng
RT: 3.707 min Scan# 148
Delta R.T. 0.065 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



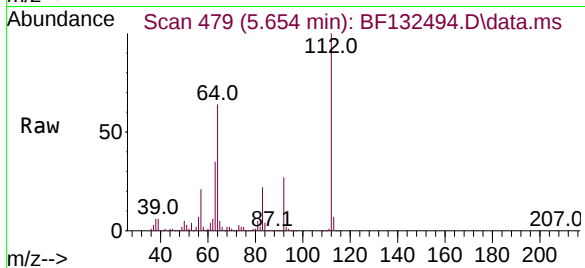
Tgt Ion: 42 Resp: 361653
Ion Ratio Lower Upper
42 100
74 151.7 115.1 172.7
44 6.7 5.7 8.5





#5
2-Fluorophenol
Concen: 81.670 ng
RT: 5.654 min Scan# 41
Delta R.T. 0.012 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

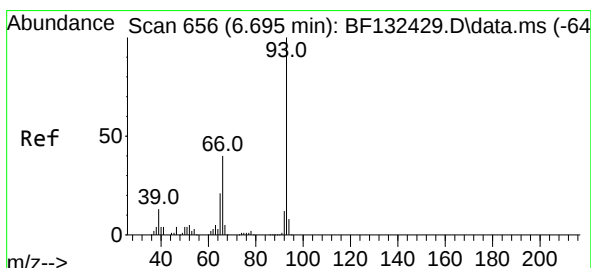
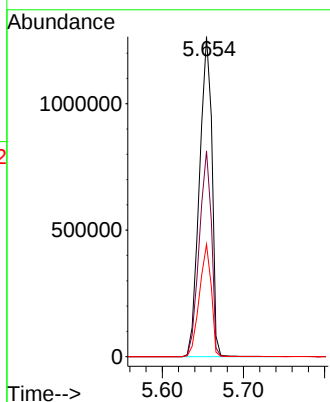
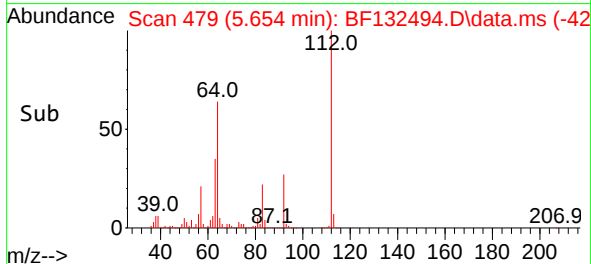
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Tgt Ion: 112 Resp: 1351014
Ion Ratio Lower Upper
112 100
64 64.3 49.7 74.5
63 35.1 25.8 38.8

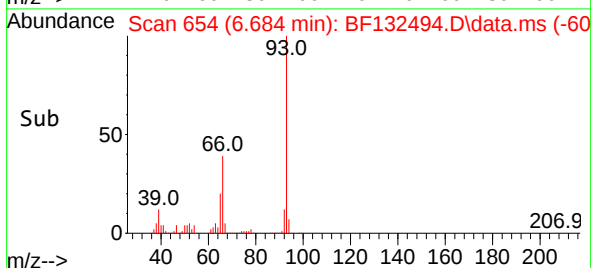
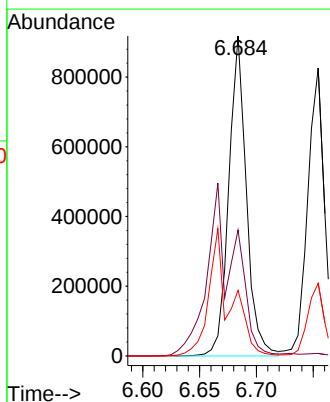
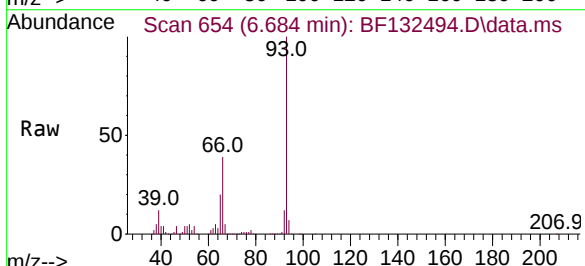
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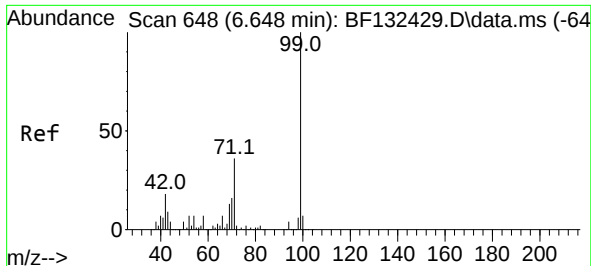
Reviewed By :Christian
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02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#6
Aniline
Concen: 32.971 ng
RT: 6.684 min Scan# 654
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

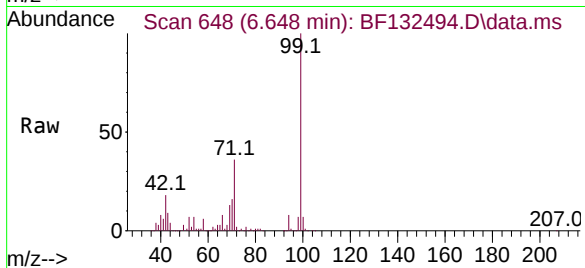
Tgt Ion: 93 Resp: 992157
Ion Ratio Lower Upper
93 100
66 39.3 32.7 49.1
65 20.5 17.1 25.7





#7
Phenol-d6
Concen: 81.407 ng
RT: 6.648 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

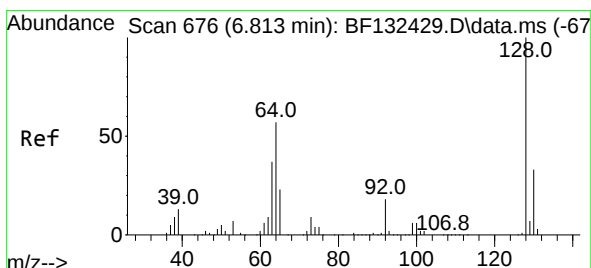
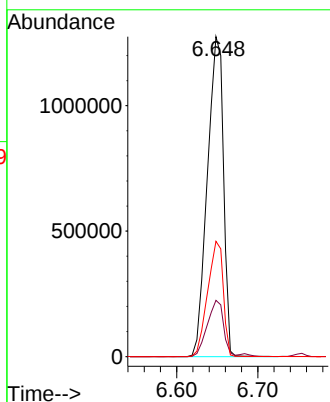
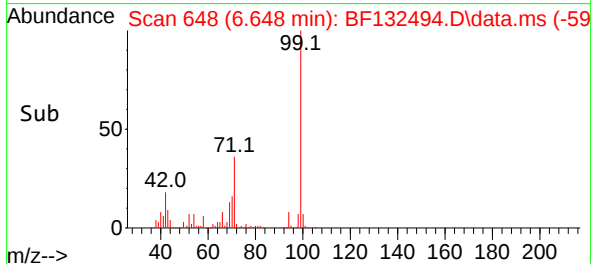
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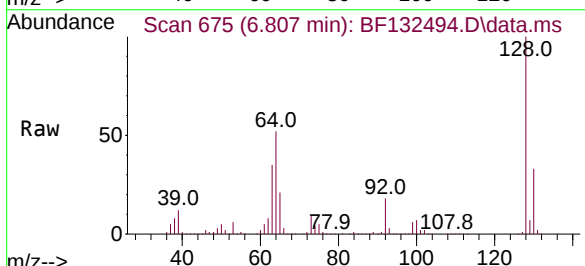
Tgt Ion: 99 Resp: 1758426
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 36.0 28.7 43.1

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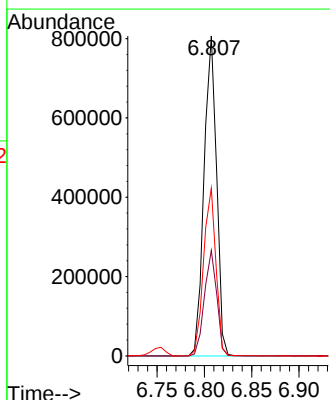
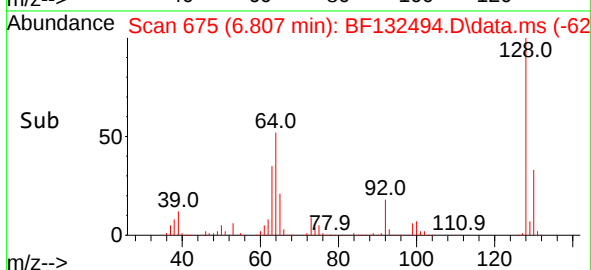
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02/22/2023

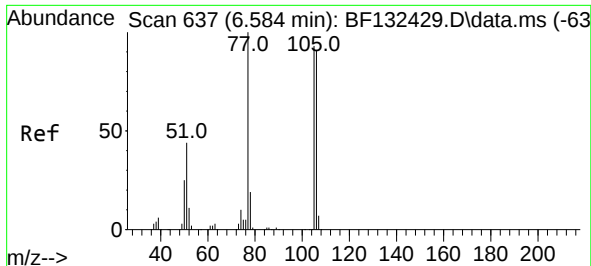


#8
2-Chlorophenol
Concen: 44.108 ng
RT: 6.807 min Scan# 675
Delta R.T. -0.006 min
Lab File: BF132494.D
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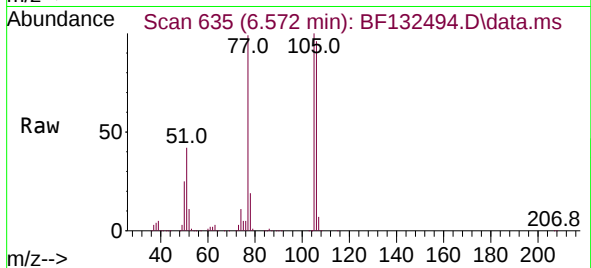
Tgt Ion:128 Resp: 744884
Ion Ratio Lower Upper
128 100
130 33.0 13.0 53.0
64 52.4 37.9 77.9





#9
Benzaldehyde
Concen: 16.989 ng
RT: 6.572 min Scan# 635
Delta R.T. -0.006 min
Lab File: BF132494.D
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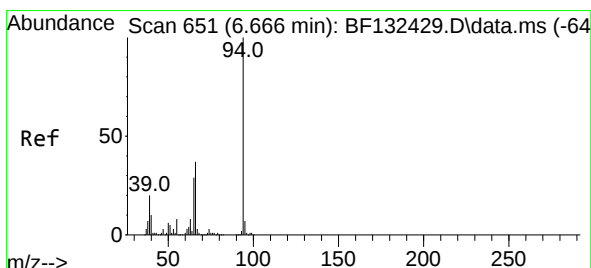
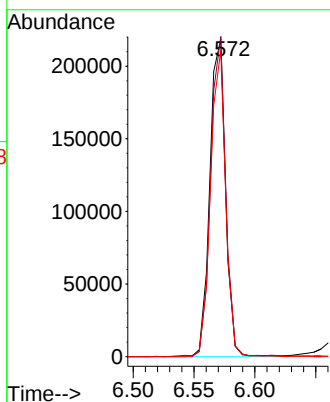
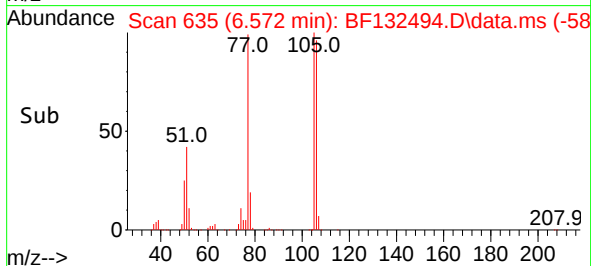
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ClientSampleId :
PB150926BSD



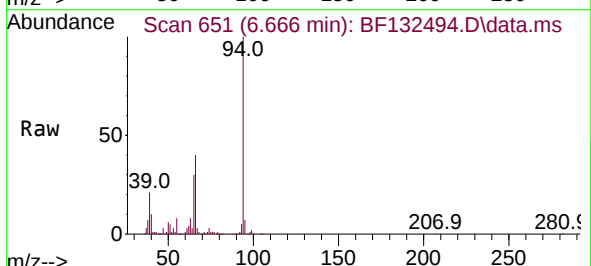
Tgt Ion: 77 Resp: 196206
Ion Ratio Lower Upper
77 100
105 100.8 73.2 113.2
106 96.3 71.5 111.5

Manual Integrations
APPROVED

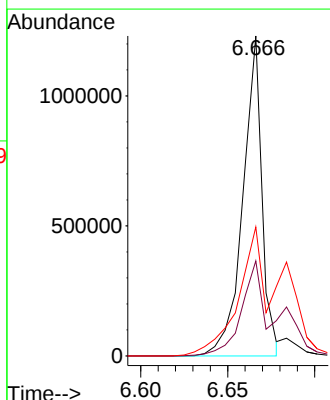
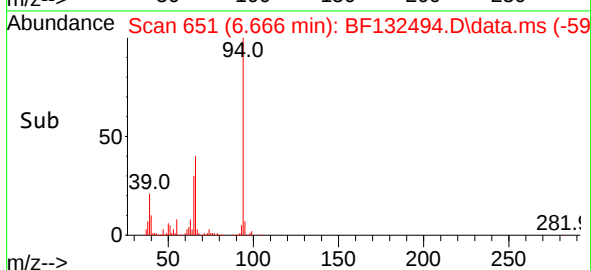
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

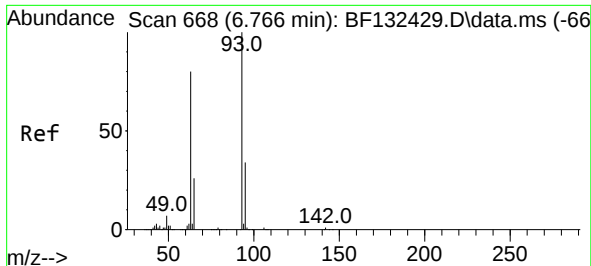


#10
Phenol
Concen: 41.061 ng m
RT: 6.666 min Scan# 651
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



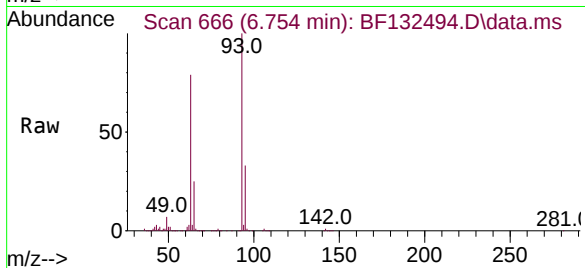
Tgt Ion: 94 Resp: 939935
Ion Ratio Lower Upper
94 100
65 29.7 9.0 49.0
66 40.3 17.4 57.4





#11
bis(2-Chloroethyl)ether
Concen: 42.329 ng
RT: 6.754 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

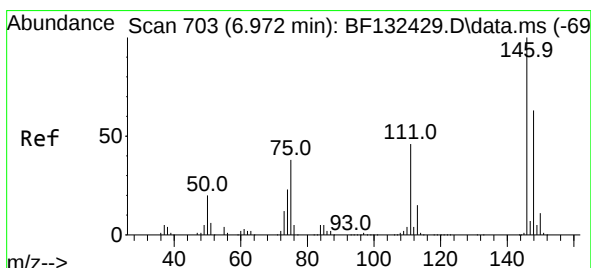
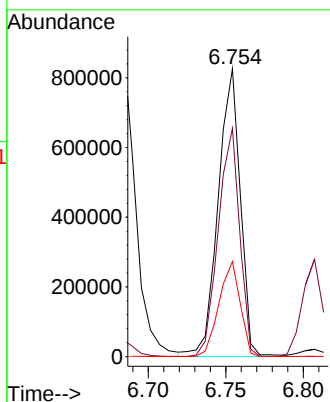
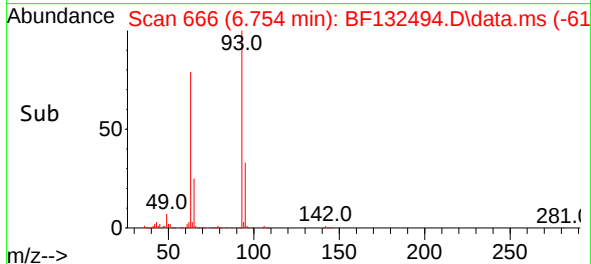
Instrument :
BNA_F
Client Sample Id :
PB150926BSD



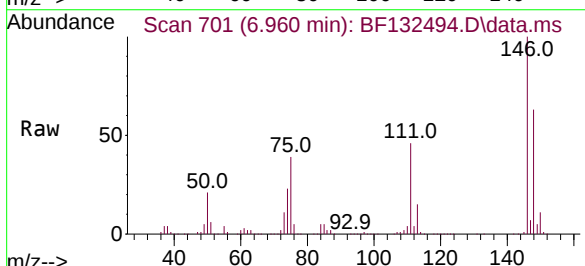
Tgt Ion: 93 Resp: 821903
Ion Ratio Lower Upper
93 100
63 79.3 58.6 98.6
95 33.0 13.5 53.5

Manual Integrations
APPROVED

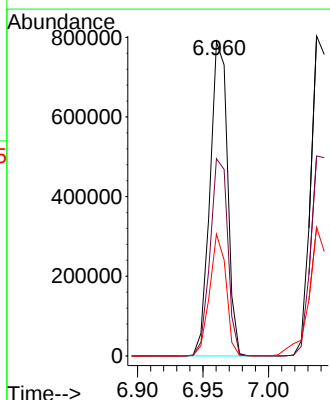
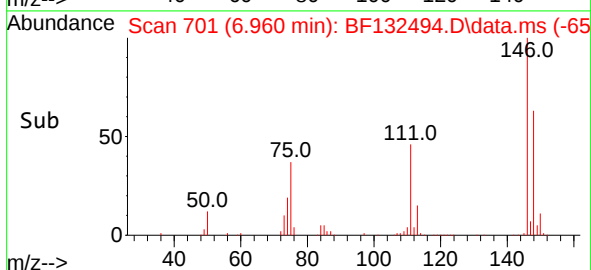
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

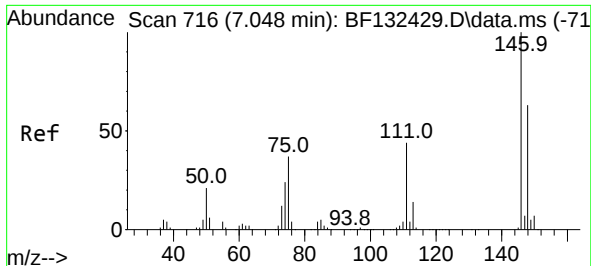


#12
1,3-Dichlorobenzene
Concen: 39.880 ng
RT: 6.960 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



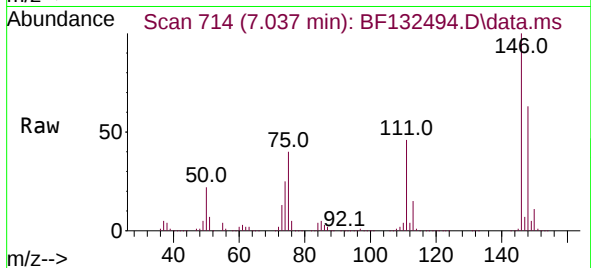
Tgt Ion:146 Resp: 733671
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 38.8 30.3 45.5





#13
1,4-Dichlorobenzene
Concen: 39.808 ng
RT: 7.037 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

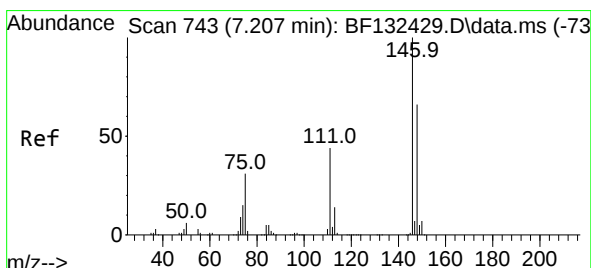
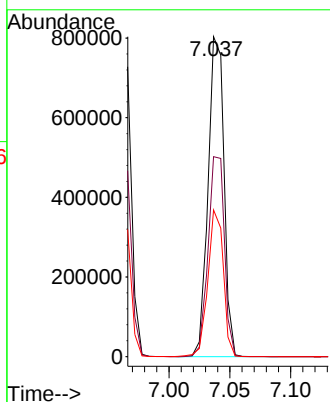
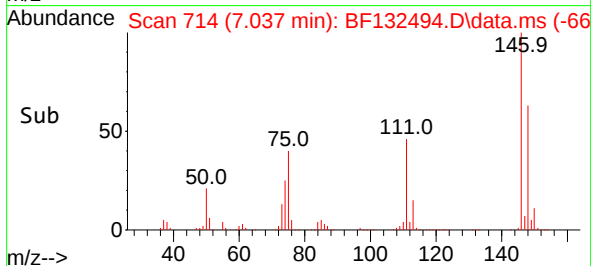
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



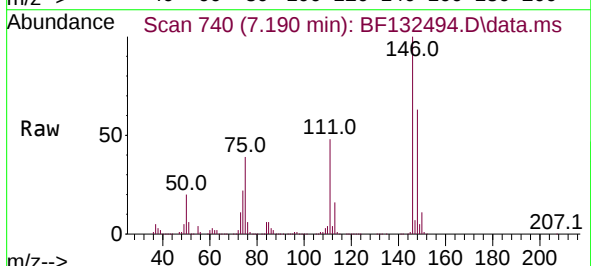
Tgt Ion:146 Resp: 730550
Ion Ratio Lower Upper
146 100
148 62.5 50.6 76.0
111 45.9 35.0 52.4

Manual Integrations
APPROVED

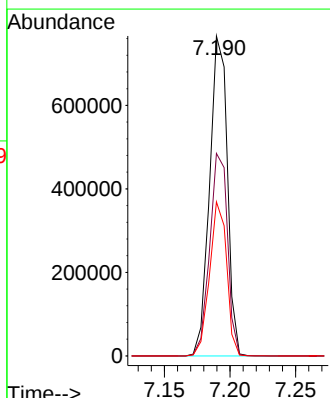
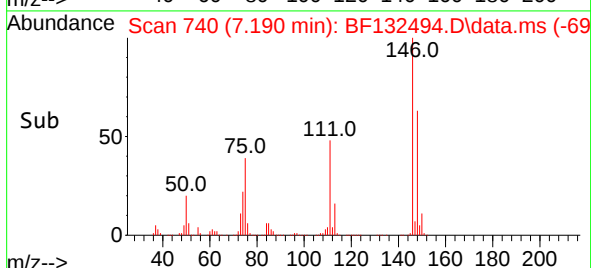
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

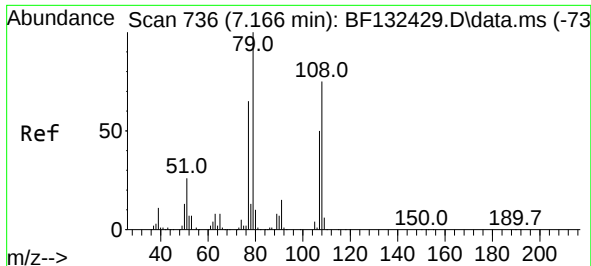


#14
1,2-Dichlorobenzene
Concen: 42.746 ng
RT: 7.190 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



Tgt Ion:146 Resp: 718715
Ion Ratio Lower Upper
146 100
148 63.3 52.4 78.6
111 48.1 35.5 53.3





#15

Benzyl Alcohol

Concen: 45.316 ng

RT: 7.166 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF132494.D

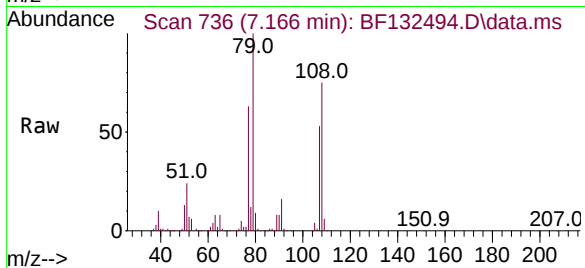
Acq: 21 Feb 2023 14:01

Instrument :

BNA_F

ClientSampleId :

PB150926BSD

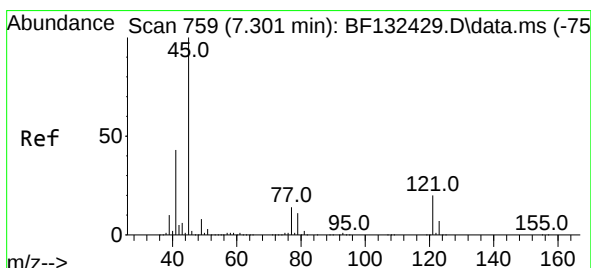
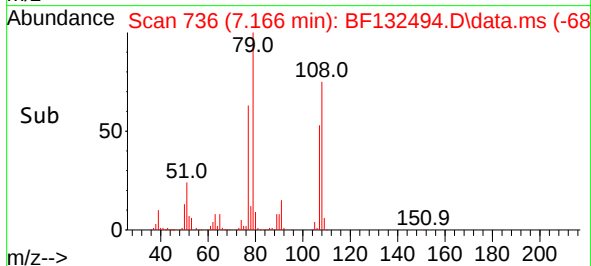
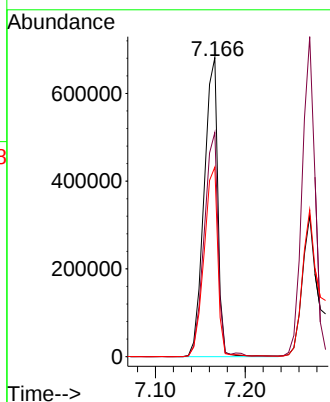


Tgt Ion:	79	Resp:	724028
Ion	Ratio	Lower	Upper
79	100		
108	74.9	59.8	89.6
77	63.4	51.8	77.6

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
02/22/2023

Supervised By :Jagrut
Upadhyay
02/22/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.822 ng

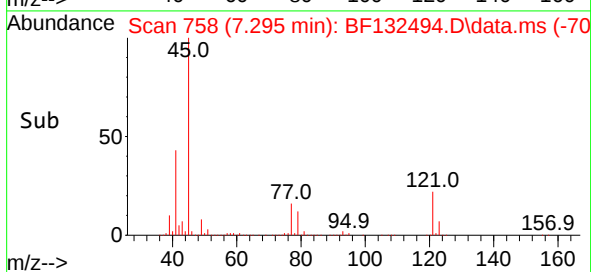
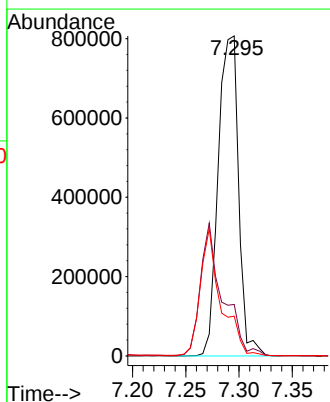
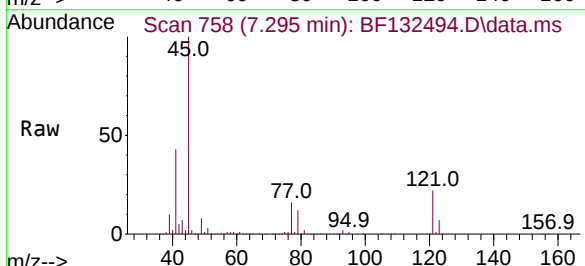
RT: 7.295 min Scan# 758

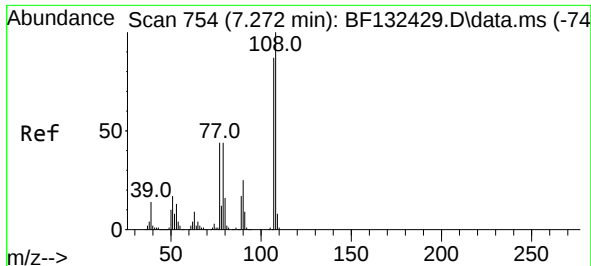
Delta R.T. 0.000 min

Lab File: BF132494.D

Acq: 21 Feb 2023 14:01

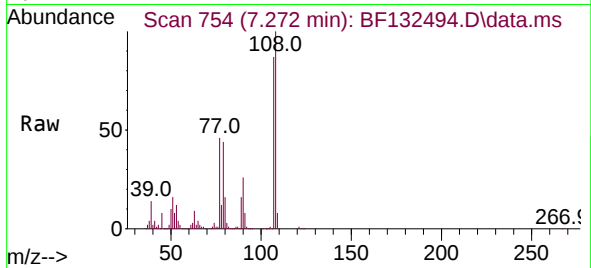
Tgt Ion:	45	Resp:	1075091
Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	34.3
79	12.4	0.0	31.3





#17
2-Methylphenol
Concen: 39.025 ng
RT: 7.272 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

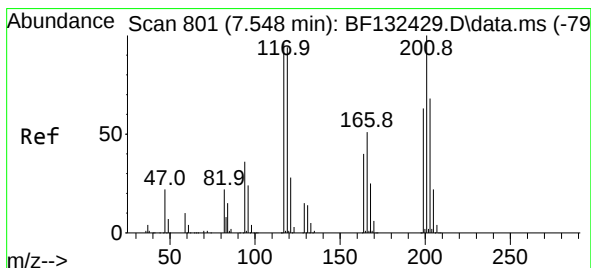
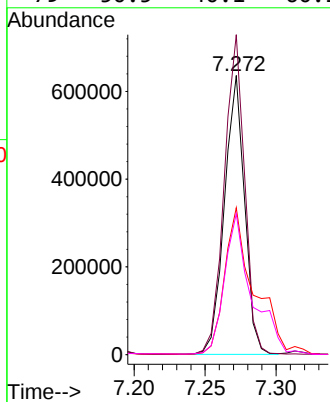
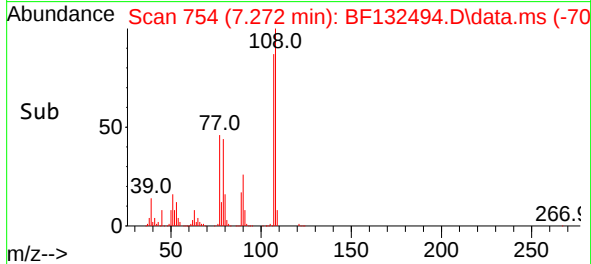
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:107 Resp: 627386
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 52.6 40.7 61.1
79 50.5 40.1 60.1

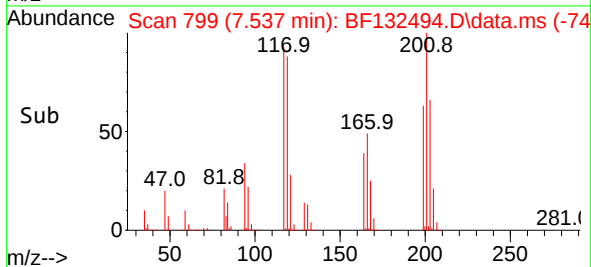
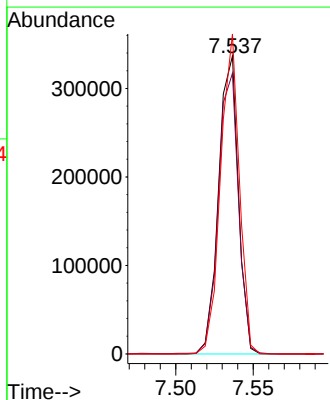
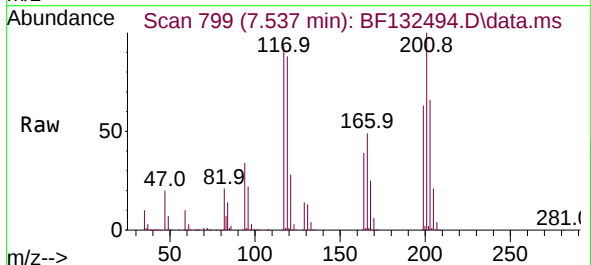
Manual Integrations
APPROVED

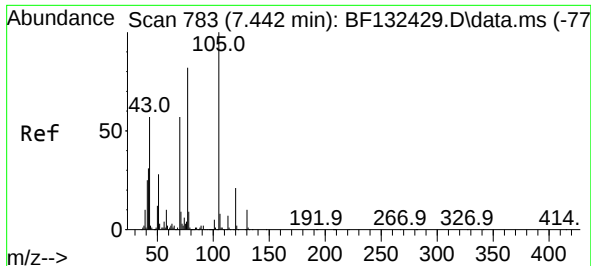
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#18
Hexachloroethane
Concen: 43.242 ng
RT: 7.537 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

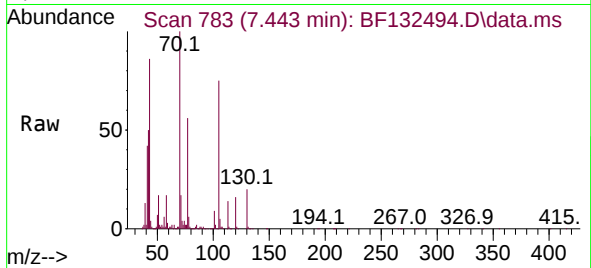
Tgt Ion:117 Resp: 299639
Ion Ratio Lower Upper
117 100
119 94.2 78.8 118.2
201 107.5 83.5 125.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.307 ng
RT: 7.443 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

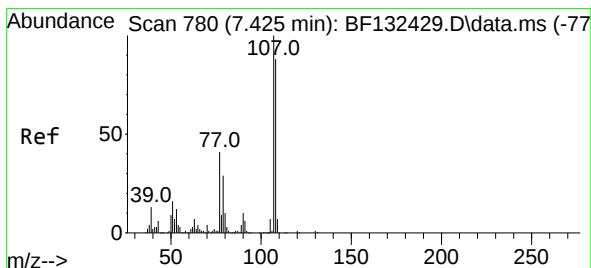
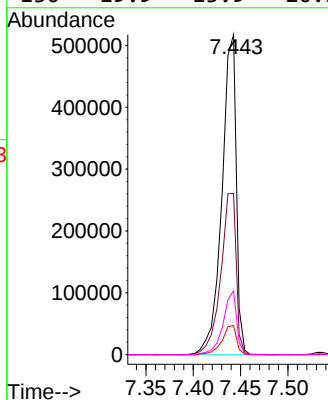
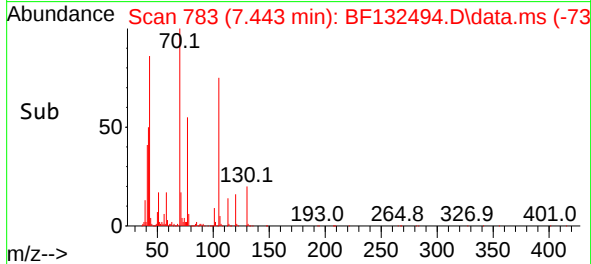
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion: 70 Resp: 546991
Ion Ratio Lower Upper
70 100
42 50.3 43.5 65.3
101 9.1 7.3 10.9
130 19.9 13.9 20.9

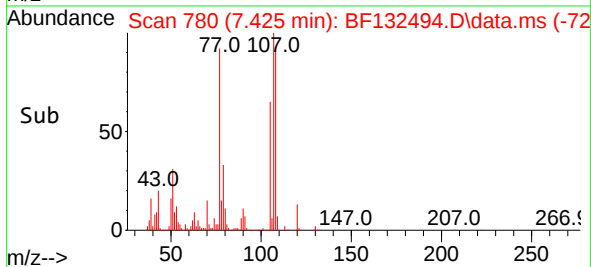
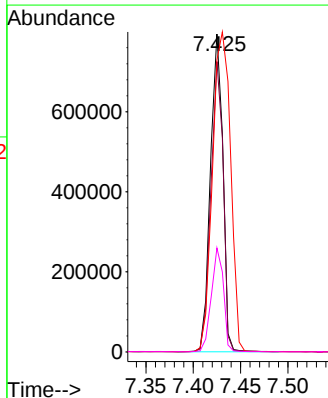
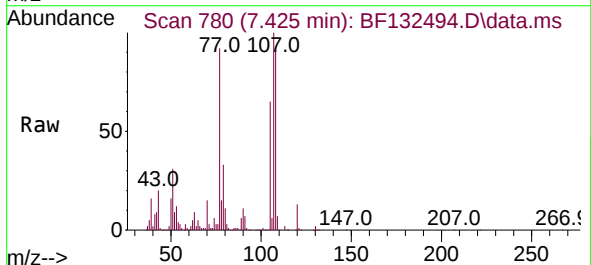
Manual Integrations
APPROVED

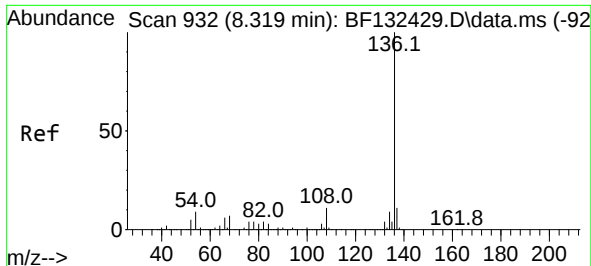
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#20
3+4-Methylphenols
Concen: 36.618 ng
RT: 7.425 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion:107 Resp: 726830
Ion Ratio Lower Upper
107 100
108 91.3 68.1 108.1
77 91.9 21.3 61.3#
79 32.7 9.5 49.5





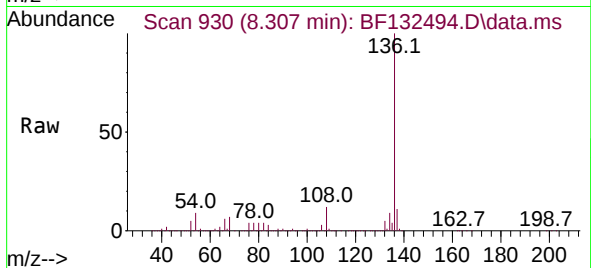
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Instrument :

BNA_F

ClientSampleId :

PB150926BSD

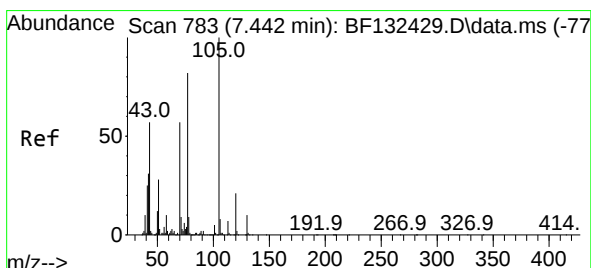
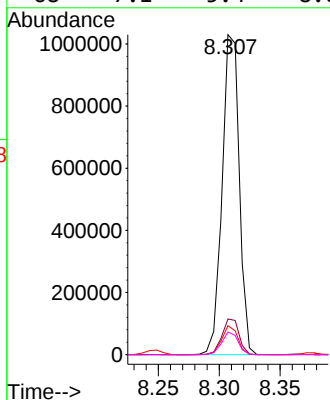
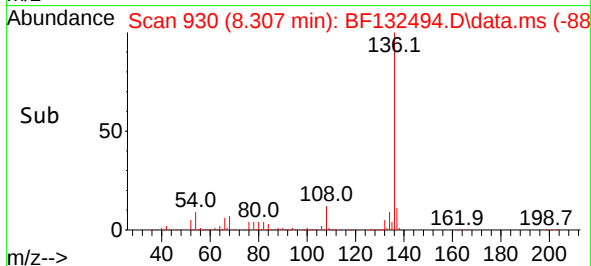


Tgt Ion:136 Resp: 1010535
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.0 6.9 10.3
68 7.1 5.4 8.0

Manual Integrations
APPROVED

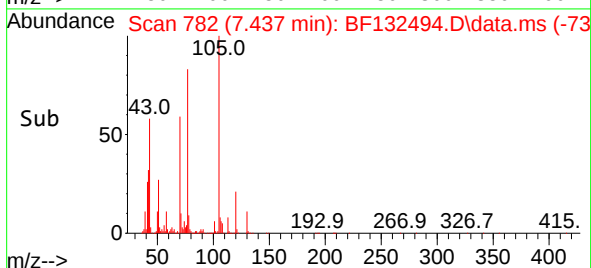
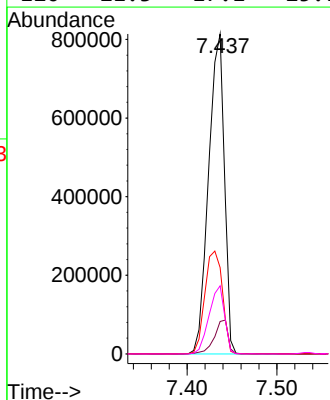
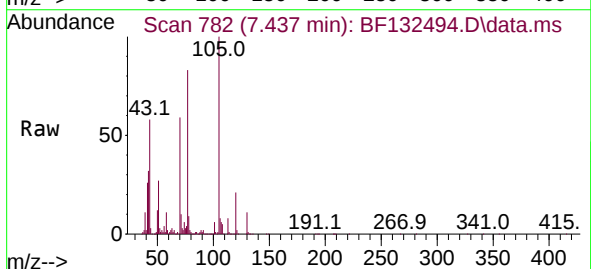
Reviewed By :Christian
Giraldo
02/22/2023

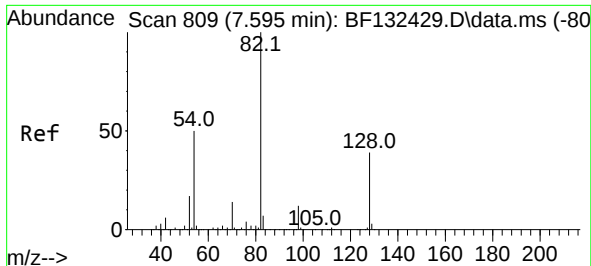
Supervised By :Jagrut
Upadhyay
02/22/2023



#22
Acetophenone
Concen: 37.930 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

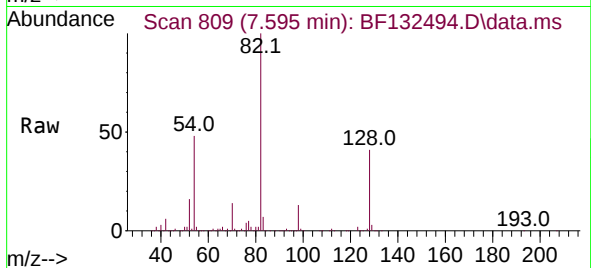
Tgt Ion:105 Resp: 993389
Ion Ratio Lower Upper
105 100
71 10.1 7.3 10.9
51 27.0 22.2 33.2
120 21.3 17.1 25.7





#23
Nitrobenzene-d5
Concen: 79.497 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

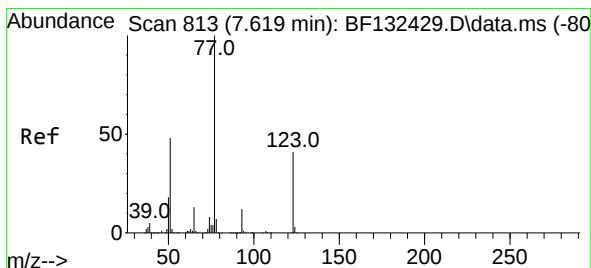
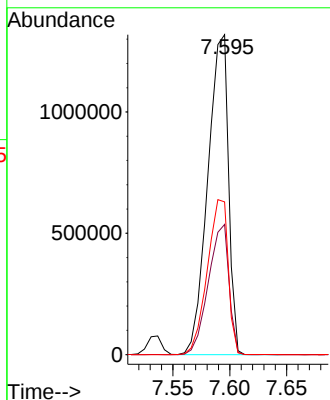
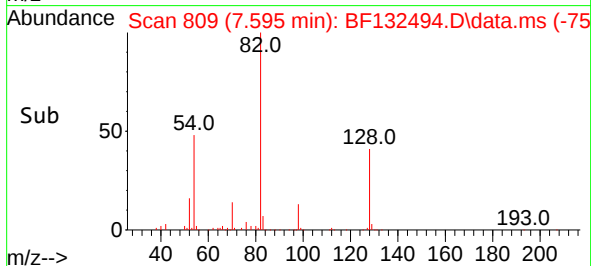
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion: 82 Resp: 1671916
Ion Ratio Lower Upper
82 100
128 40.7 30.8 46.2
54 47.7 40.2 60.4

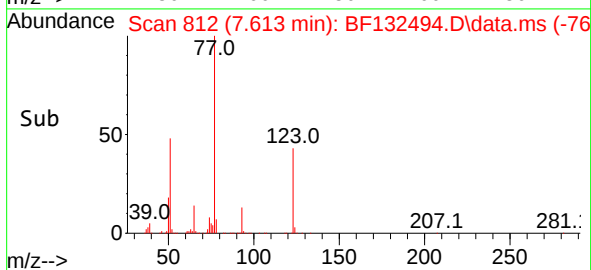
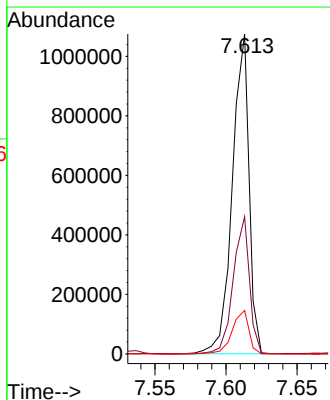
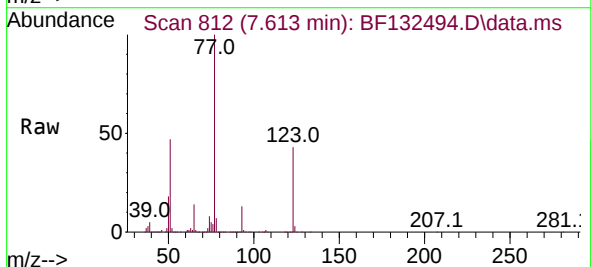
Manual Integrations
APPROVED

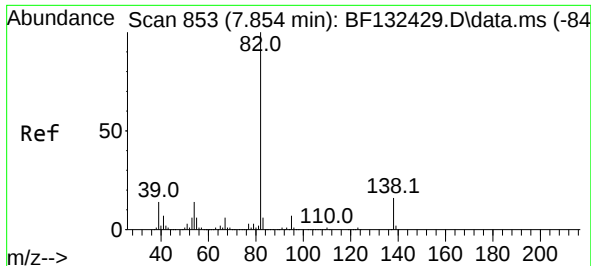
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#24
Nitrobenzene
Concen: 38.032 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

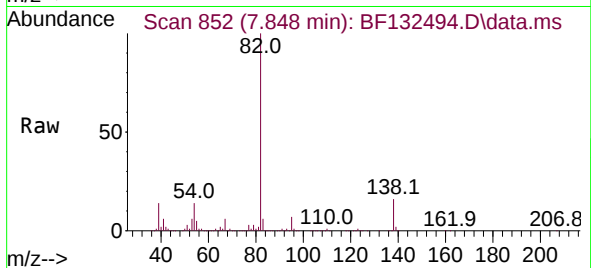
Tgt Ion: 77 Resp: 876947
Ion Ratio Lower Upper
77 100
123 42.9 33.2 49.8
65 13.6 10.4 15.6





#25
Isophorone
Concen: 40.245 ng
RT: 7.848 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

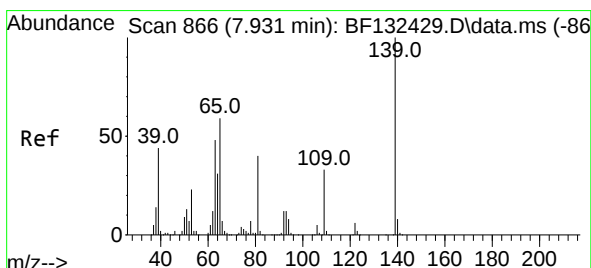
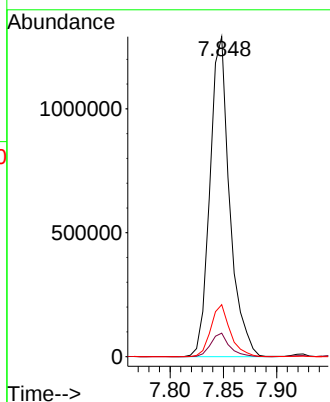
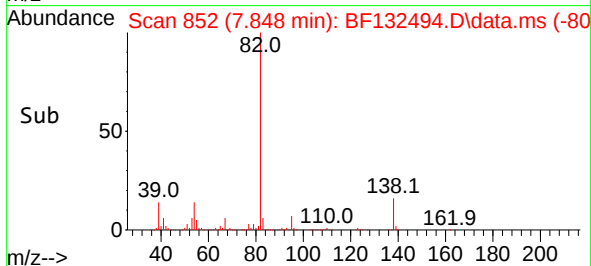
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion: 82 Resp: 1663173
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.2 12.7 19.1

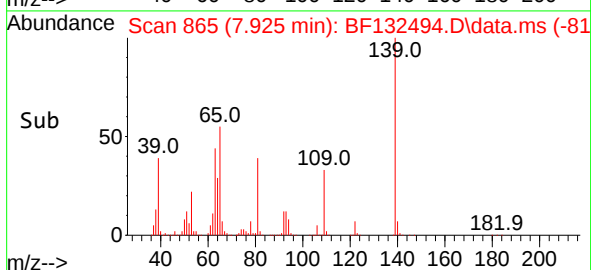
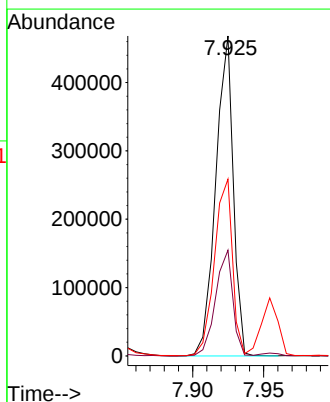
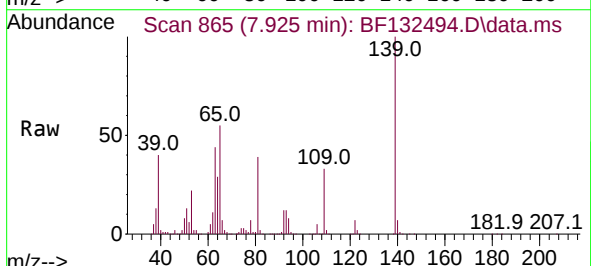
Manual Integrations
APPROVED

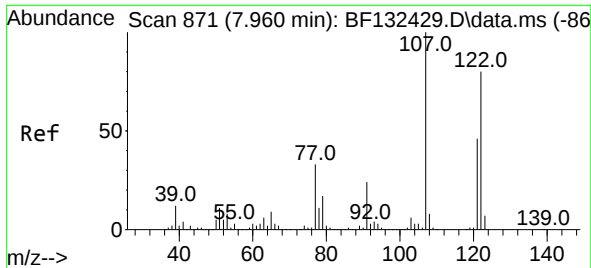
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#26
2-Nitrophenol
Concen: 45.021 ng
RT: 7.925 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion:139 Resp: 403549
Ion Ratio Lower Upper
139 100
109 33.0 26.3 39.5
65 55.2 47.4 71.0





#27
2,4-Dimethylphenol
Concen: 39.959 ng
RT: 7.954 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Instrument :

BNA_F

ClientSampleId :

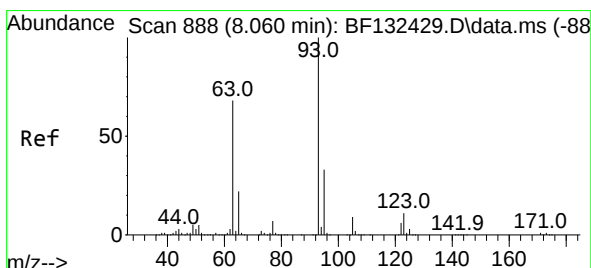
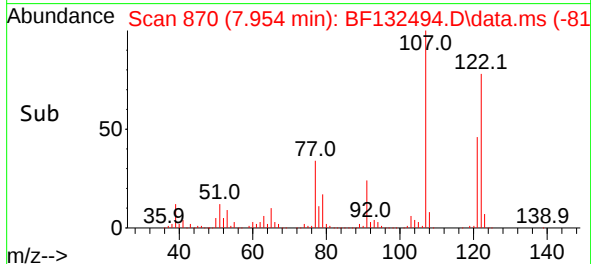
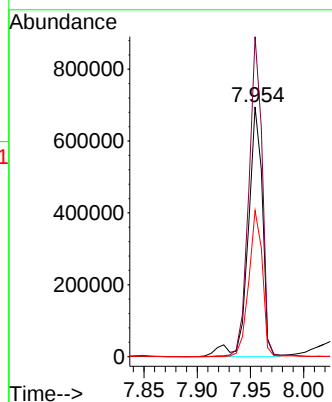
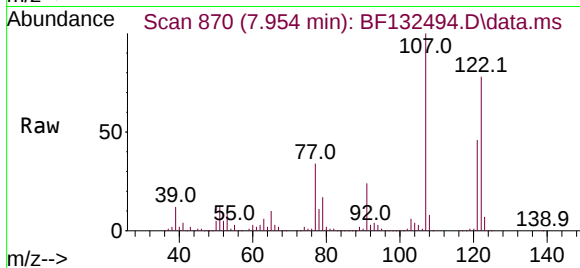
PB150926BSD

Tgt Ion:122 Resp: 646685
Ion Ratio Lower Upper
122 100
107 128.2 99.9 149.9
121 58.5 45.9 68.9

Manual Integrations
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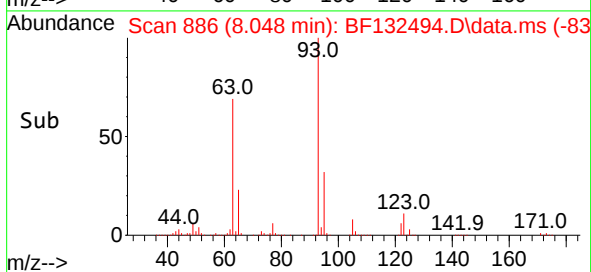
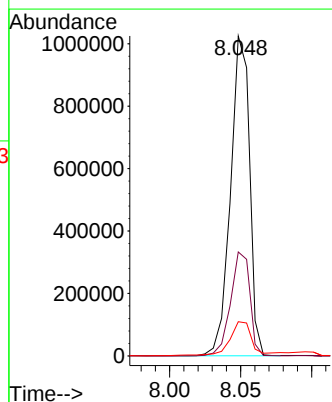
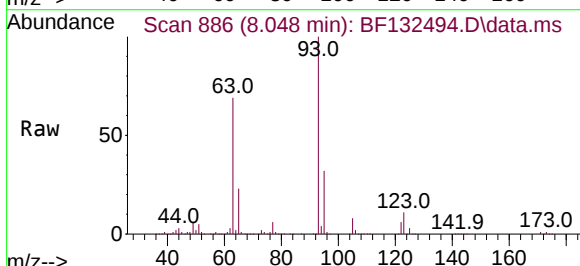
Reviewed By :Christian
Giraldo
02/22/2023

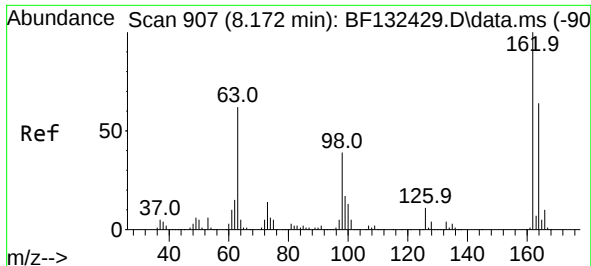
Supervised By :Jagrut
Upadhyay
02/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.546 ng
RT: 8.048 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion: 93 Resp: 955045
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 10.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.601 ng

RT: 8.166 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF132494.D

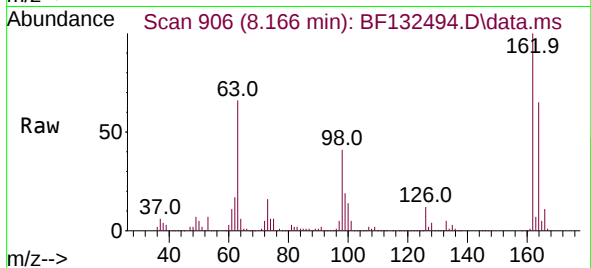
Acq: 21 Feb 2023 14:01

Instrument :

BNA_F

ClientSampleId :

PB150926BSD



Tgt Ion:162 Resp: 619893

Ion Ratio Lower Upper

162 100

164 64.5 44.0 84.0

98 41.4 19.3 59.3

Manual Integrations

APPROVED

Reviewed By :Christian

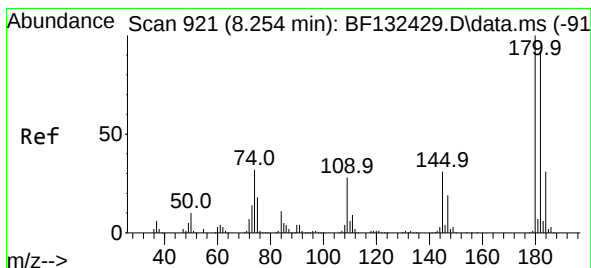
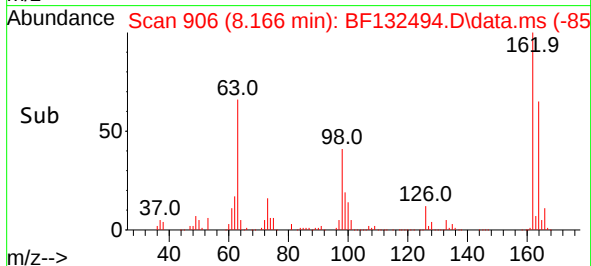
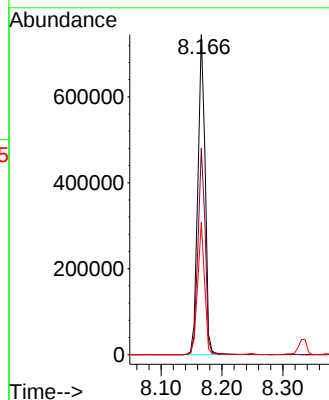
Giraldo

02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.146 ng

RT: 8.248 min Scan# 920

Delta R.T. 0.000 min

Lab File: BF132494.D

Acq: 21 Feb 2023 14:01

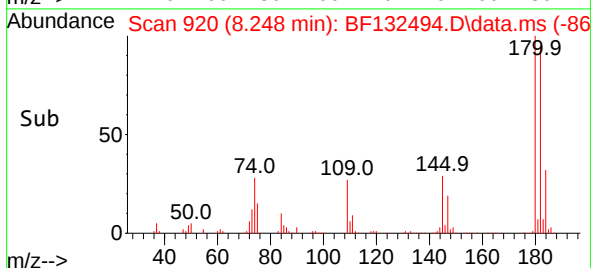
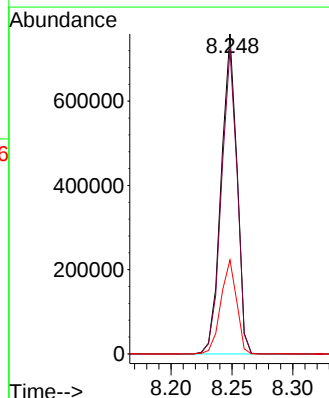
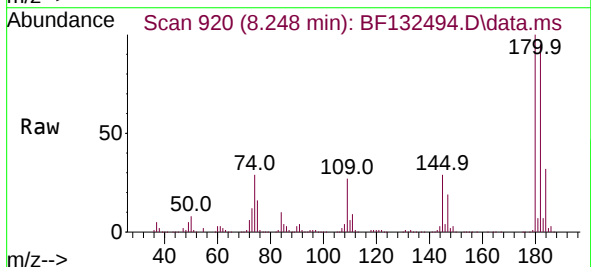
Tgt Ion:180 Resp: 681684

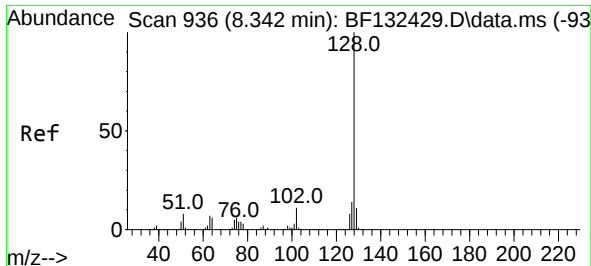
Ion Ratio Lower Upper

180 100

182 95.2 73.8 110.8

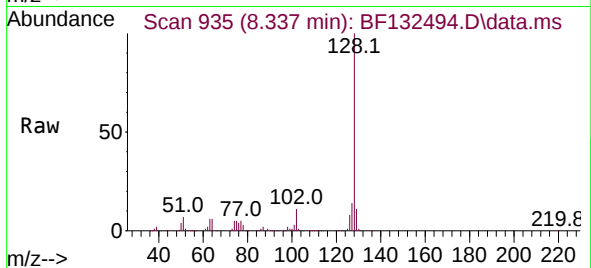
145 29.4 24.4 36.6





#31
Naphthalene
Concen: 36.419 ng
RT: 8.337 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

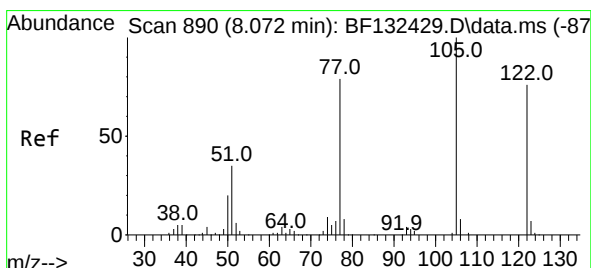
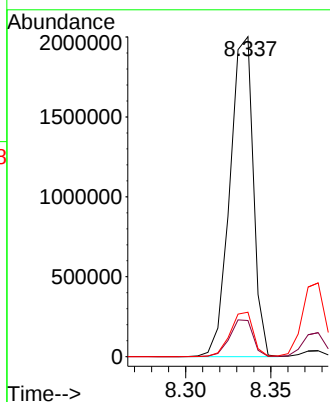
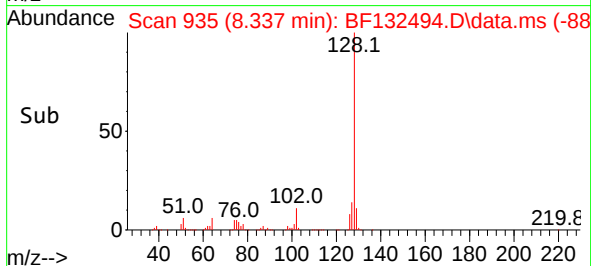
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:128 Resp: 1909894
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.9 11.0 16.4

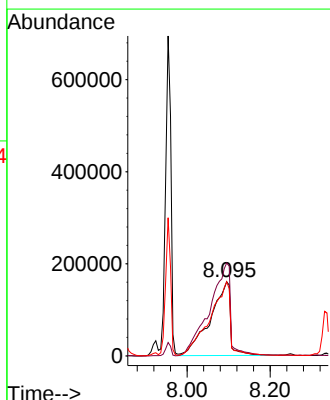
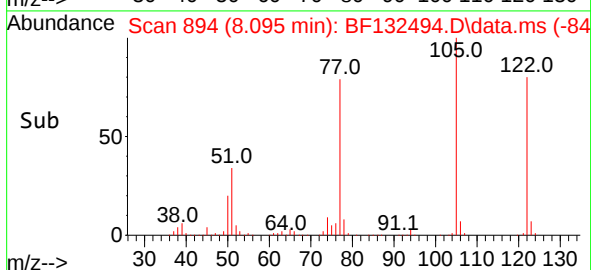
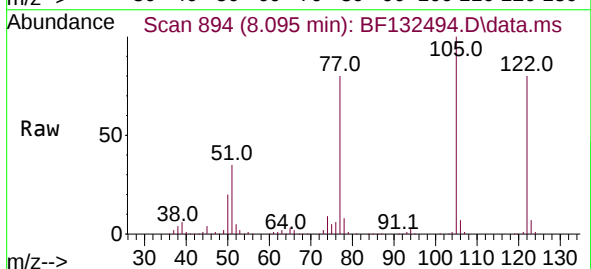
Manual Integrations
APPROVED

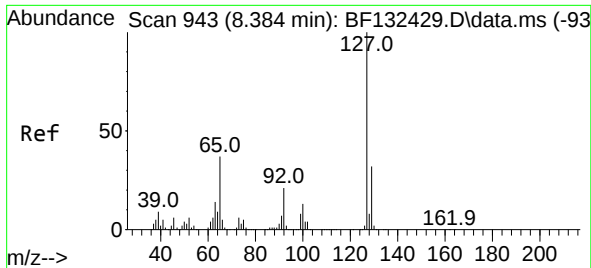
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#32
Benzoic acid
Concen: 47.044 ng
RT: 8.095 min Scan# 894
Delta R.T. 0.018 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

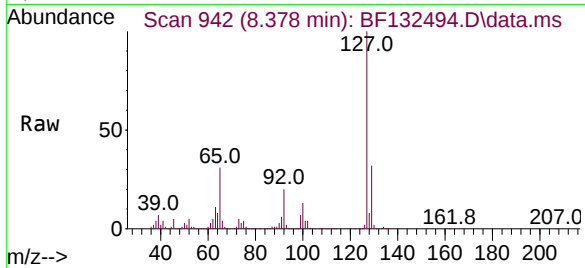
Tgt Ion:122 Resp: 547848
Ion Ratio Lower Upper
122 100
105 125.2 109.7 149.7
77 100.0 83.8 123.8





#33
4-Chloroaniline
Concen: 24.235 ng
RT: 8.378 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

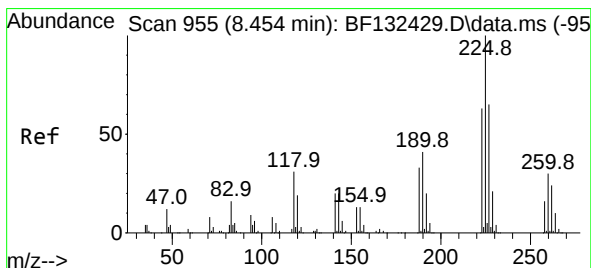
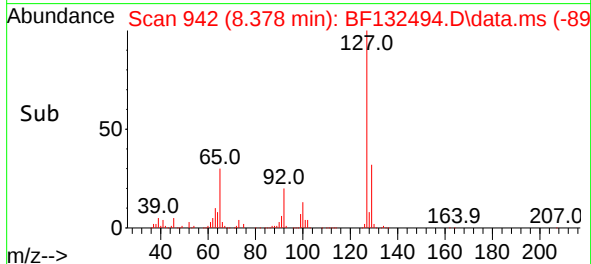
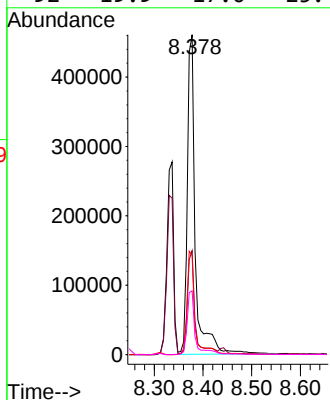
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:127 Resp: 52805
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9
65 30.9 29.8 44.6
92 19.9 17.0 25.4

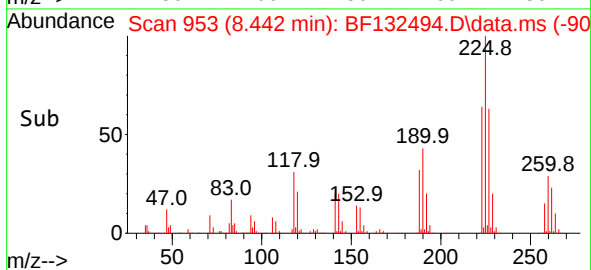
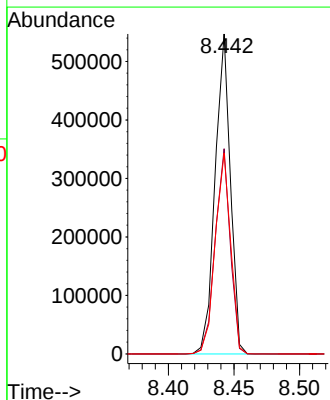
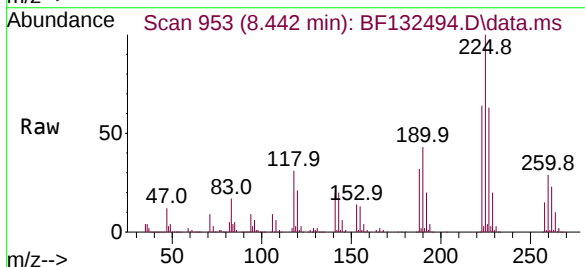
Manual Integrations
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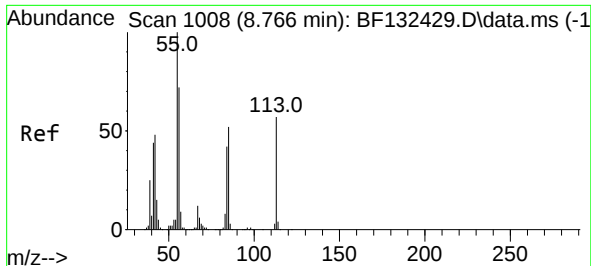
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#34
Hexachlorobutadiene
Concen: 41.462 ng
RT: 8.442 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

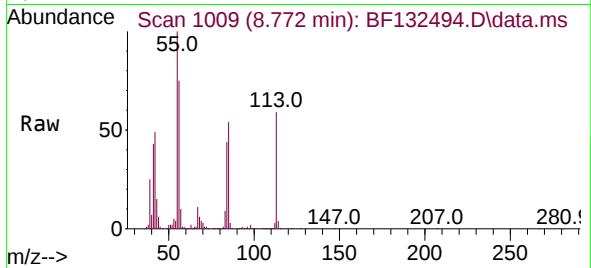
Tgt Ion:225 Resp: 444476
Ion Ratio Lower Upper
225 100
223 64.1 50.6 76.0
227 62.8 52.2 78.4





#35
Caprolactam
Concen: 49.181 ng m
RT: 8.772 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

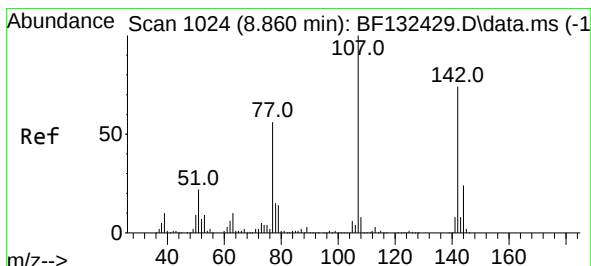
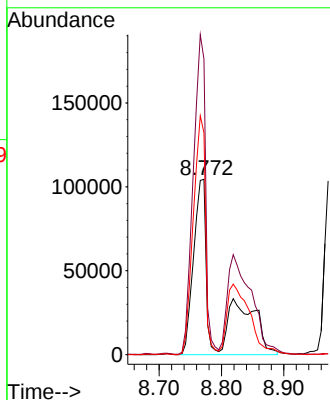
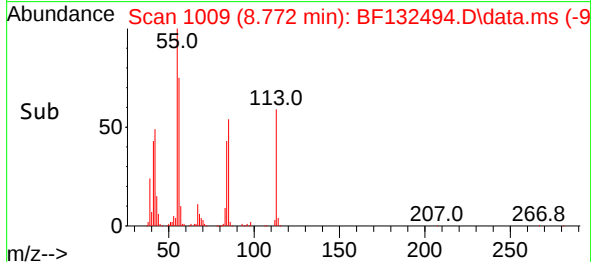
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:113 Resp: 243773
Ion Ratio Lower Upper
113 100
55 168.7 155.8 195.8
56 126.6 107.3 147.3

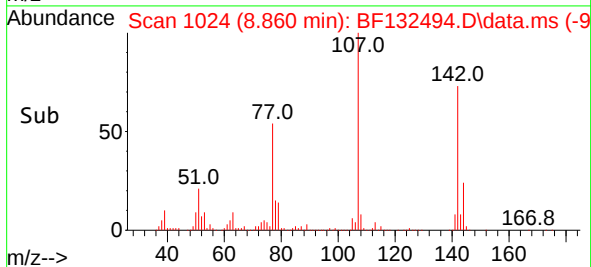
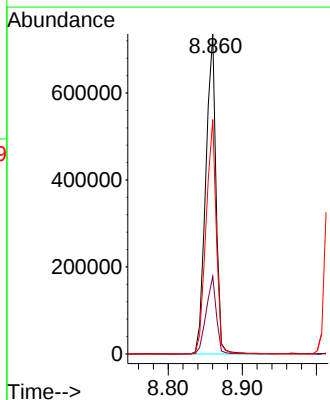
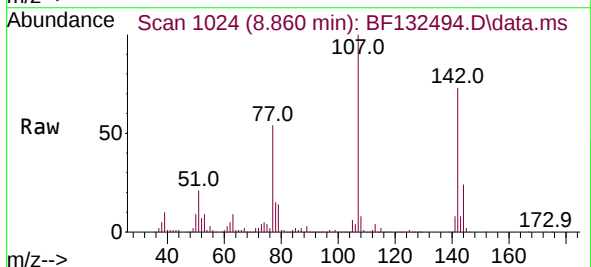
Manual Integrations
APPROVED

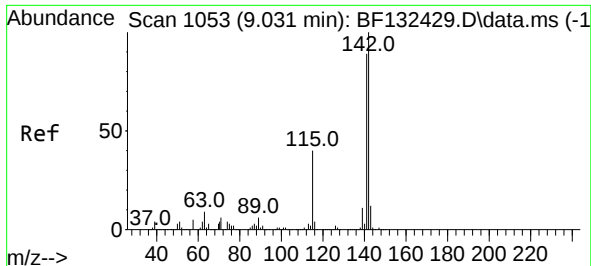
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#36
4-Chloro-3-methylphenol
Concen: 41.091 ng
RT: 8.860 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion:107 Resp: 701993
Ion Ratio Lower Upper
107 100
144 24.2 18.8 28.2
142 73.2 58.8 88.2





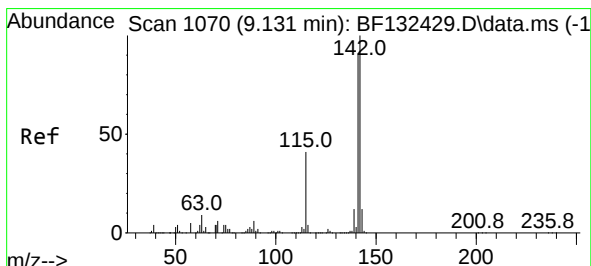
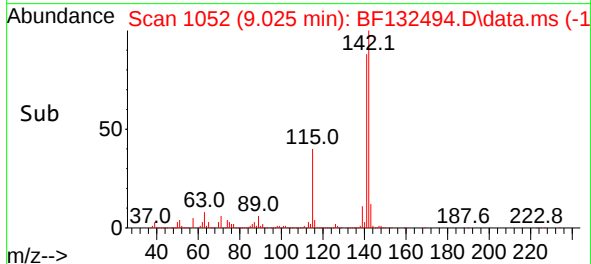
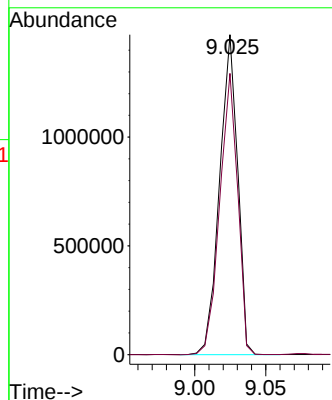
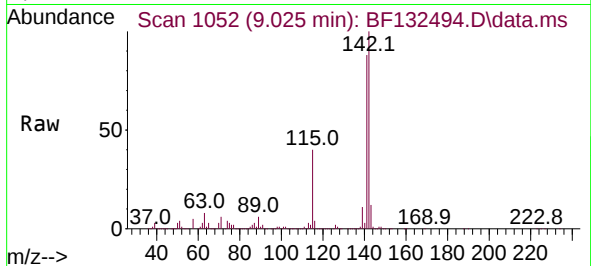
#37
2-Methylnaphthalene
Concen: 36.851 ng
RT: 9.025 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Instrument :
BNA_F
ClientSampleId :
PB150926BSD

Tgt Ion:142 Resp: 1300624
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8

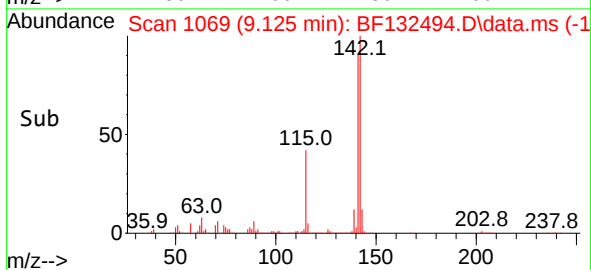
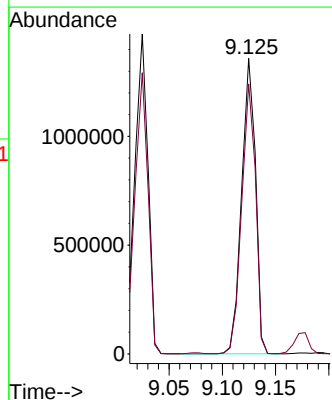
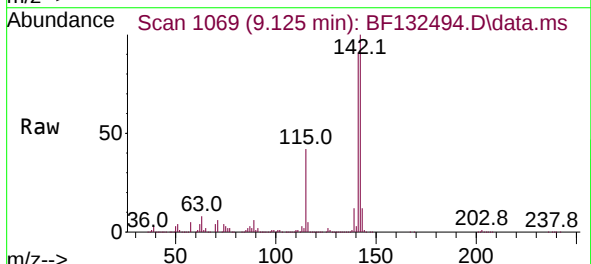
Manual Integrations
APPROVED

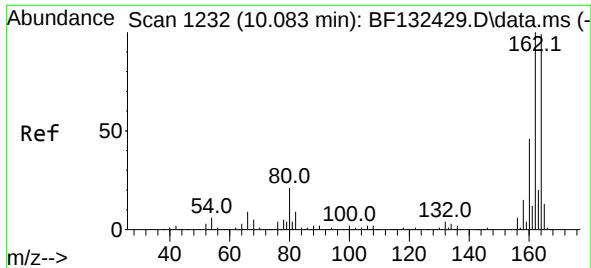
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#38
1-Methylnaphthalene
Concen: 37.001 ng
RT: 9.125 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

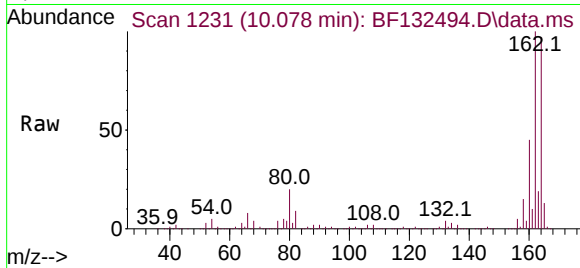
Tgt Ion:142 Resp: 1226910
Ion Ratio Lower Upper
142 100
141 91.4 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.078 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

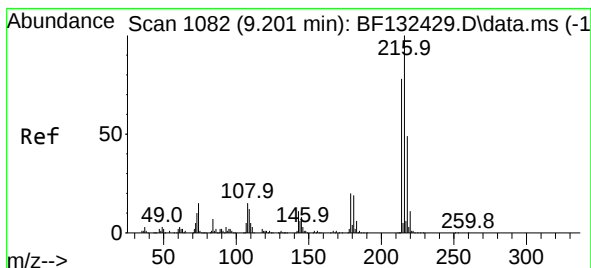
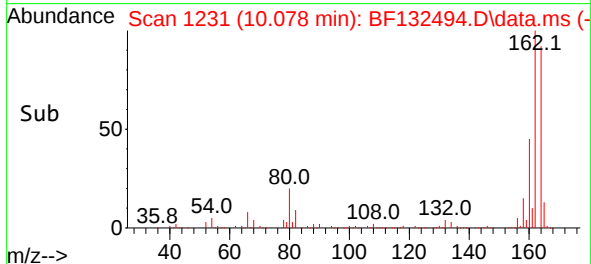
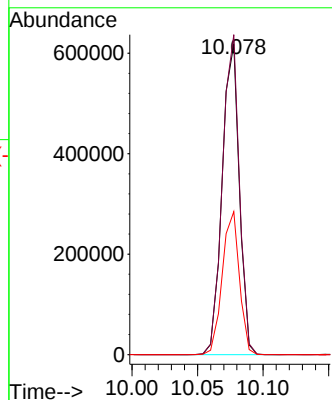
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:164 Resp: 563173
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 46.1 37.2 55.8

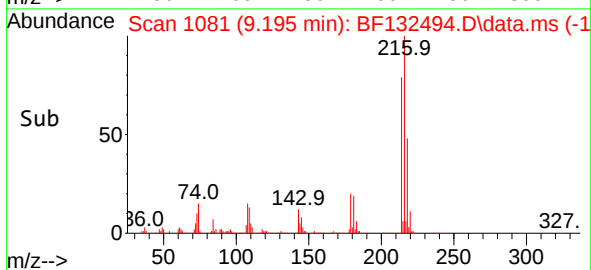
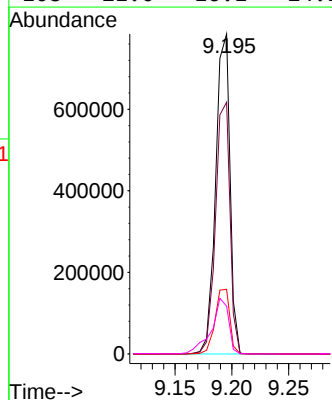
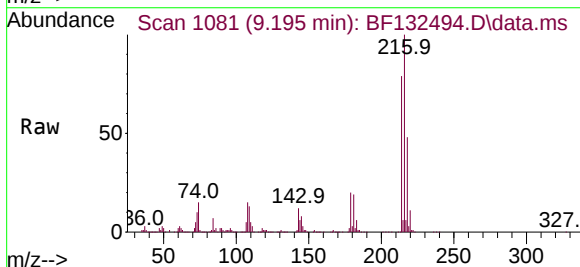
Manual Integrations
APPROVED

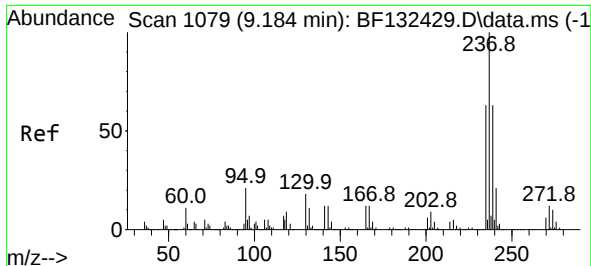
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.635 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

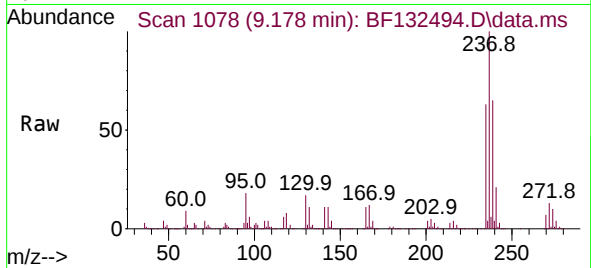
Tgt Ion:216 Resp: 686779
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.2
179 20.8 16.4 24.6
108 21.0 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 79.931 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

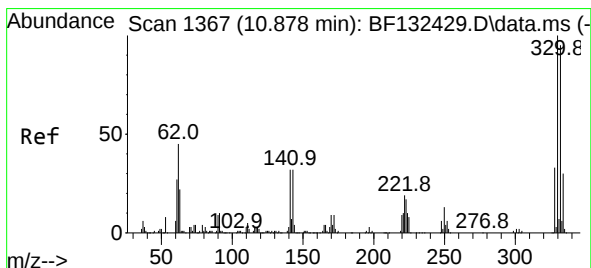
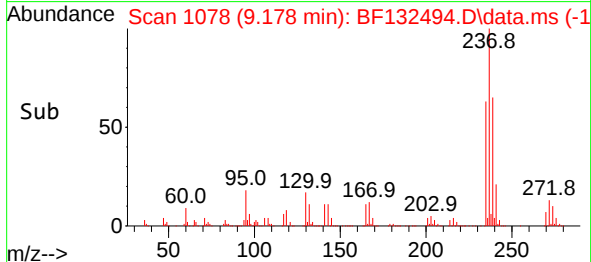
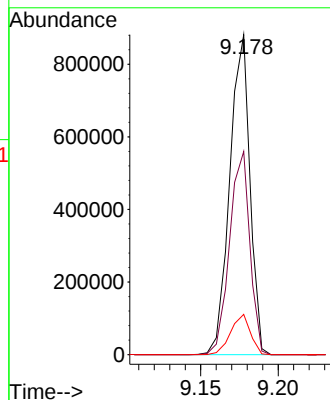
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion: 237 Resp: 801136
Ion Ratio Lower Upper
237 100
235 63.5 43.1 83.1
272 12.6 0.0 32.3

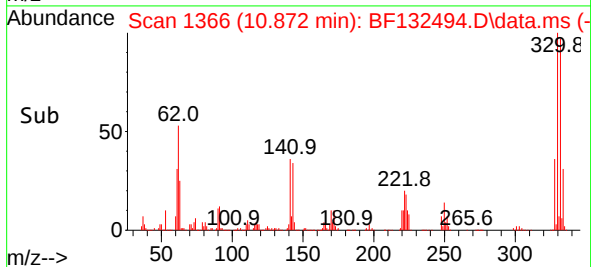
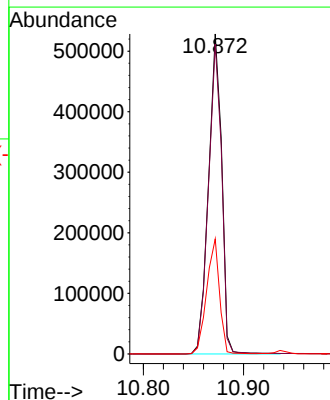
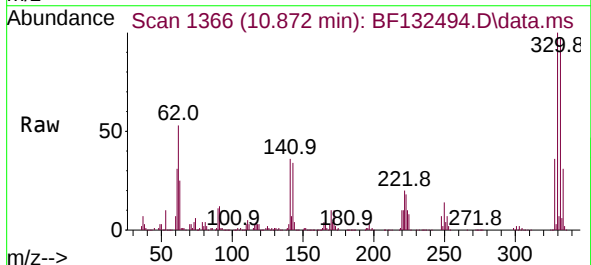
Manual Integrations
APPROVED

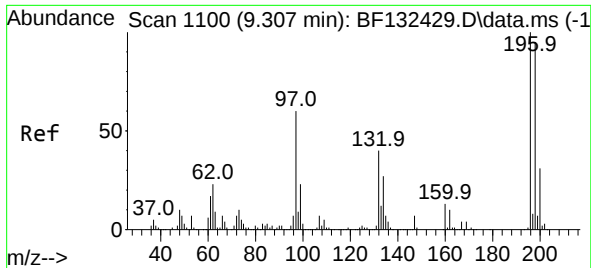
Reviewed By : Christian
Giraldo
02/22/2023
Supervised By : Jagrut
Upadhyay
02/22/2023



#42
2,4,6-Tribromophenol
Concen: 85.410 ng
RT: 10.872 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

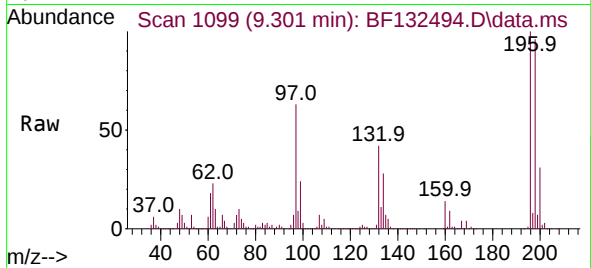
Tgt Ion: 330 Resp: 479917
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 35.1 30.3 45.5





#43
2,4,6-Trichlorophenol
Concen: 40.462 ng
RT: 9.301 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

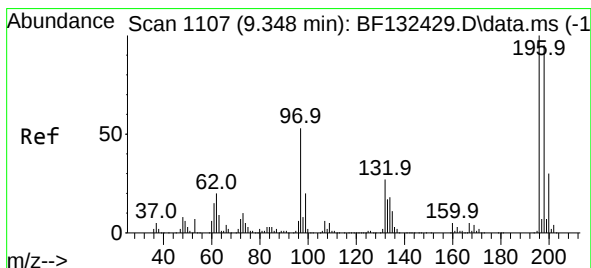
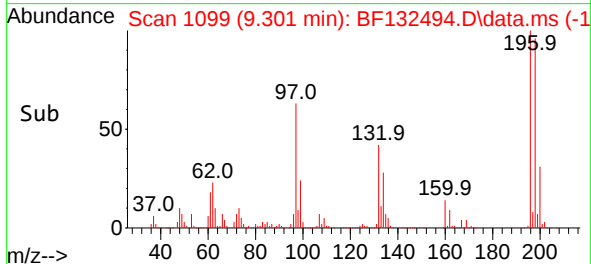
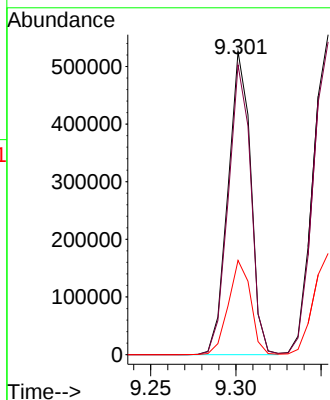
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:196 Resp: 486402
Ion Ratio Lower Upper
196 100
198 95.6 76.3 114.5
200 31.0 24.8 37.2

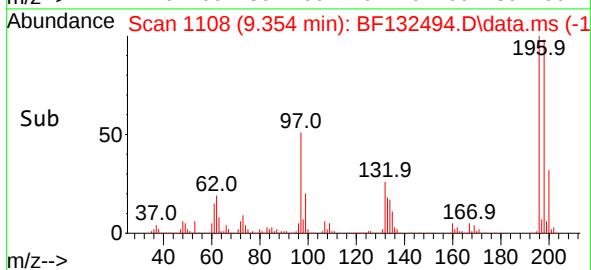
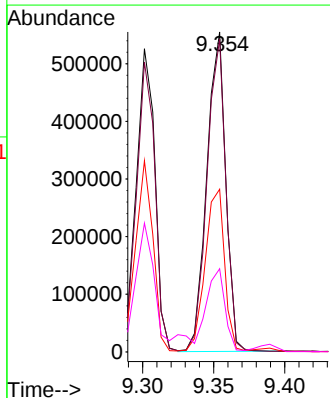
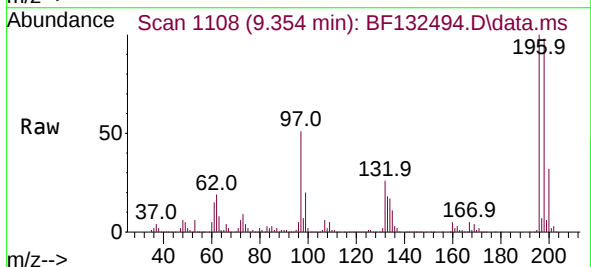
Manual Integrations
APPROVED

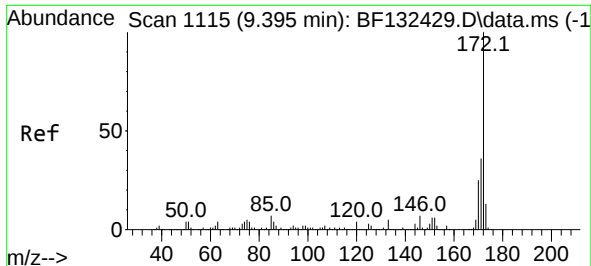
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrit
Upadhyay
02/22/2023



#44
2,4,5-Trichlorophenol
Concen: 36.753 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.012 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

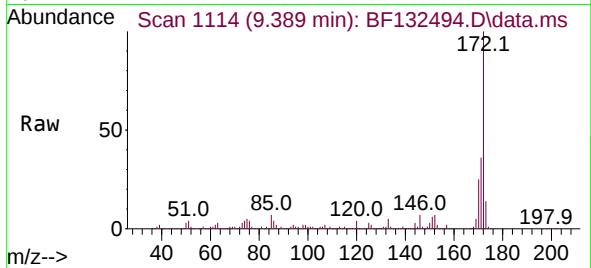
Tgt Ion:196 Resp: 514599
Ion Ratio Lower Upper
196 100
198 97.7 76.2 114.4
97 50.9 42.4 63.6
132 26.0 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 69.737 ng
RT: 9.389 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

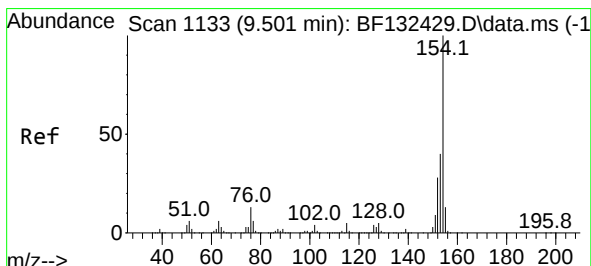
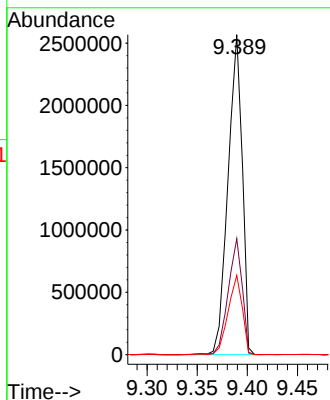
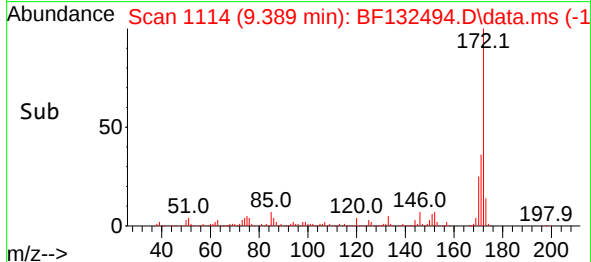
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:172 Resp: 2543143
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.8 19.9 29.9

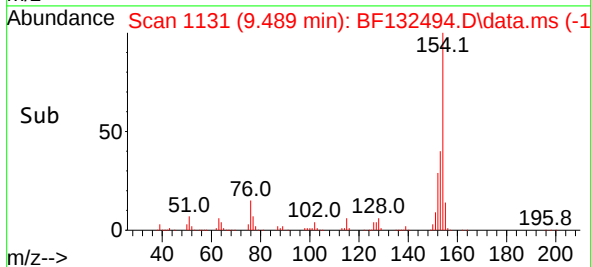
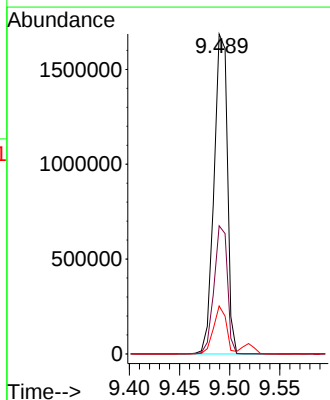
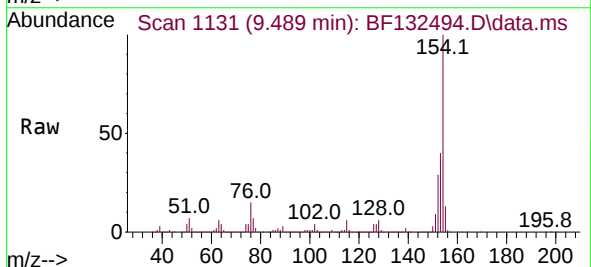
Manual Integrations
APPROVED

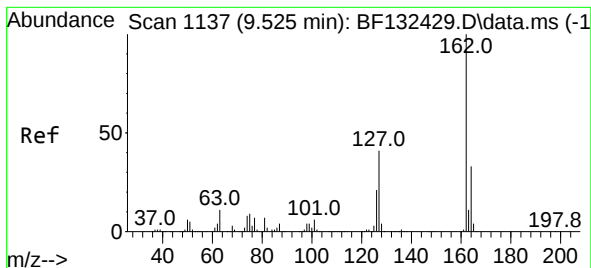
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#46
1,1'-Biphenyl
Concen: 36.014 ng
RT: 9.489 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion:154 Resp: 1569783
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 15.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 37.336 ng

RT: 9.519 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF132494.D

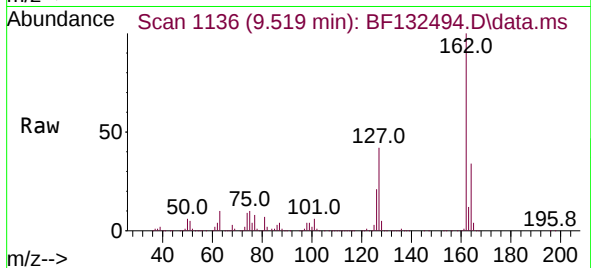
Acq: 21 Feb 2023 14:01

Instrument :

BNA_F

ClientSampleId :

PB150926BSD



Tgt Ion:162 Resp: 127735

Ion Ratio Lower Upper

162 100

127 41.8 33.0 49.4

164 34.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Christian

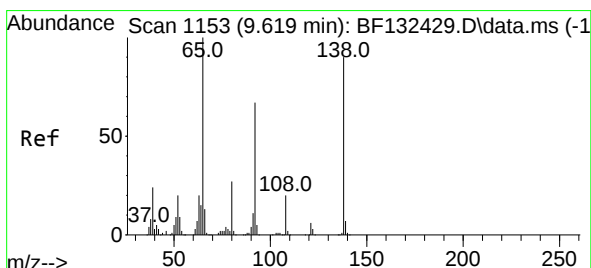
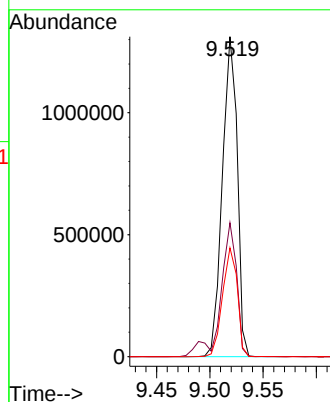
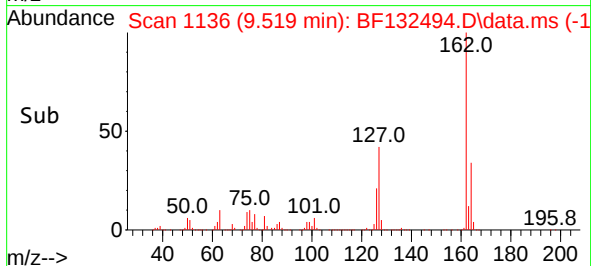
Giraldo

02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023



#48

2-Nitroaniline

Concen: 39.450 ng

RT: 9.613 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF132494.D

Acq: 21 Feb 2023 14:01

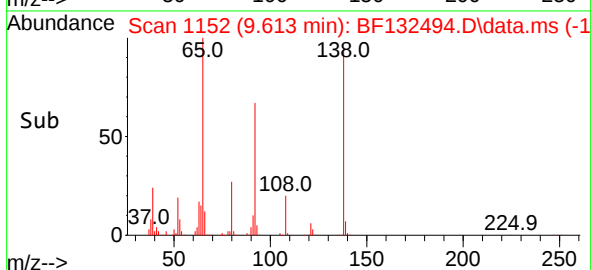
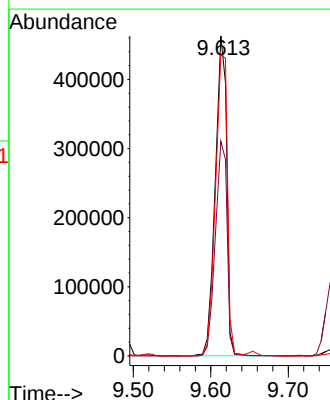
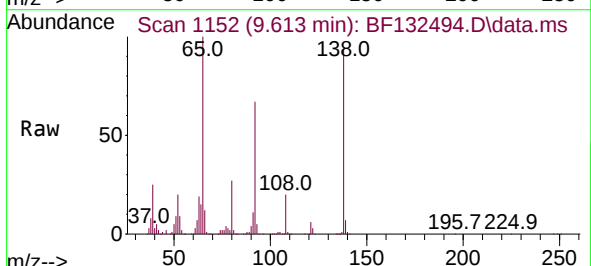
Tgt Ion: 65 Resp: 473545

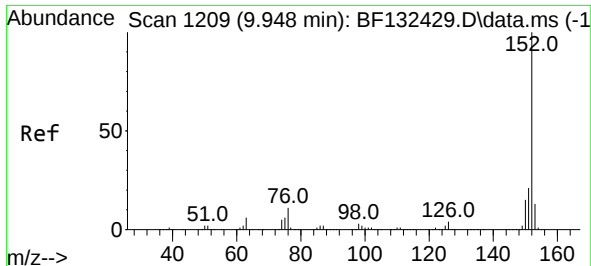
Ion Ratio Lower Upper

65 100

92 67.1 53.5 80.3

138 94.2 72.2 108.4





#49

Acenaphthylene

Concen: 35.283 ng

RT: 9.936 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF132494.D

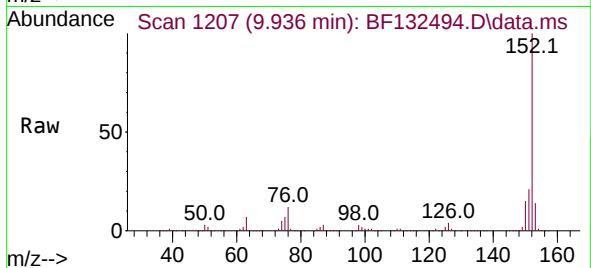
Acq: 21 Feb 2023 14:01

Instrument :

BNA_F

ClientSampleId :

PB150926BSD



Tgt Ion:152 Resp: 1917899

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.9 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian

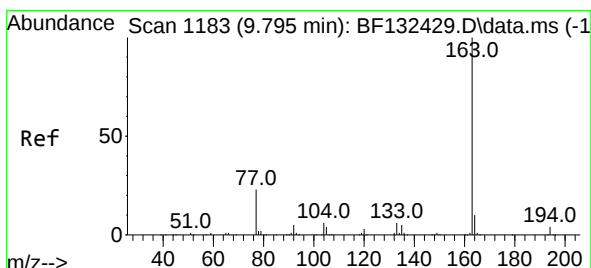
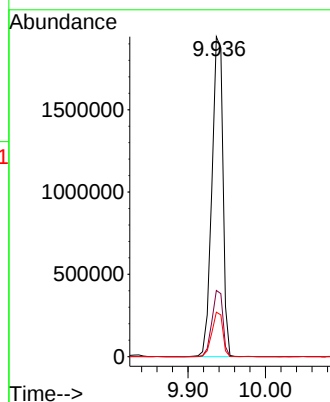
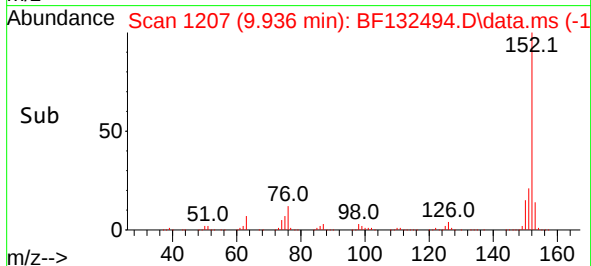
Giraldo

02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023



#50

Dimethylphthalate

Concen: 37.824 ng

RT: 9.795 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF132494.D

Acq: 21 Feb 2023 14:01

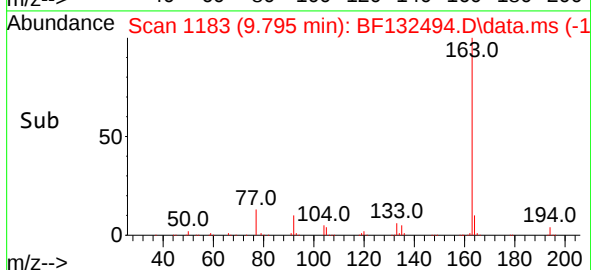
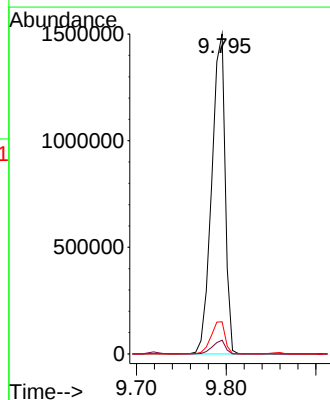
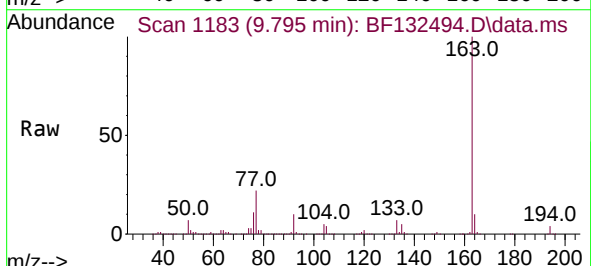
Tgt Ion:163 Resp: 1568678

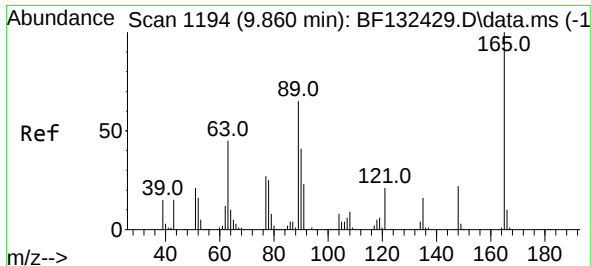
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

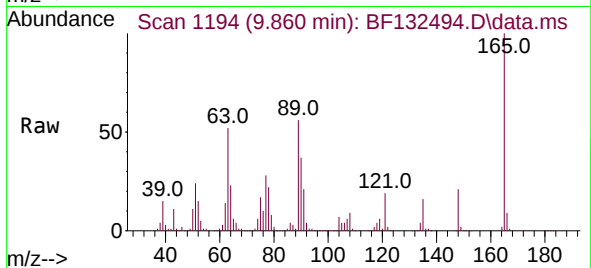
164 10.1 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 39.856 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

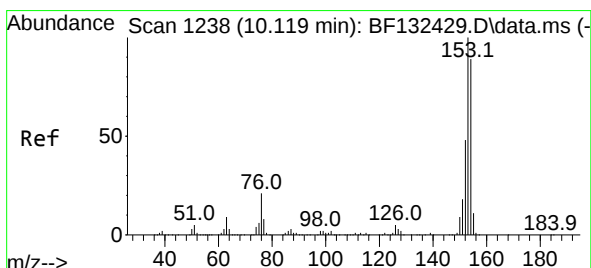
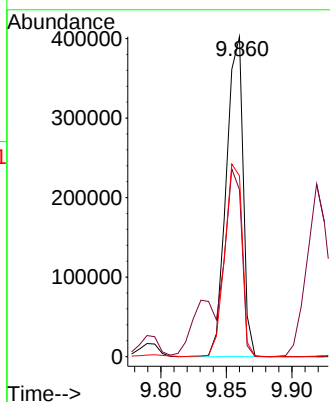
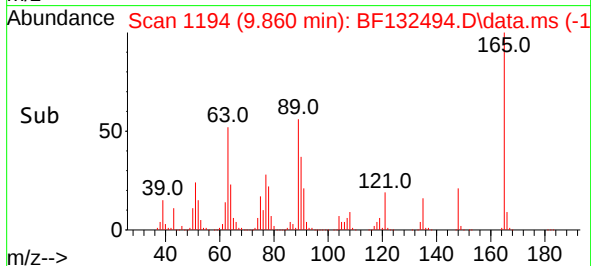
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:165 Resp: 35947
Ion Ratio Lower Upper
165 100
63 52.2 50.4 75.6
89 56.5 52.2 78.2

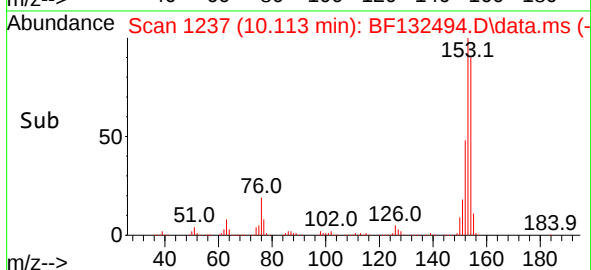
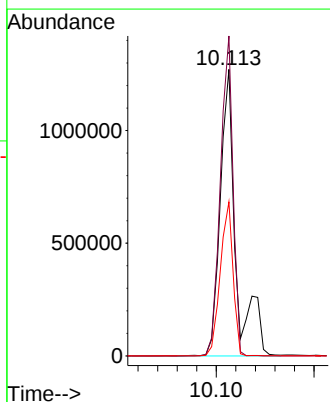
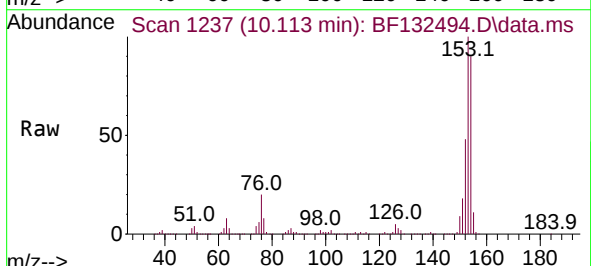
Manual Integrations
APPROVED

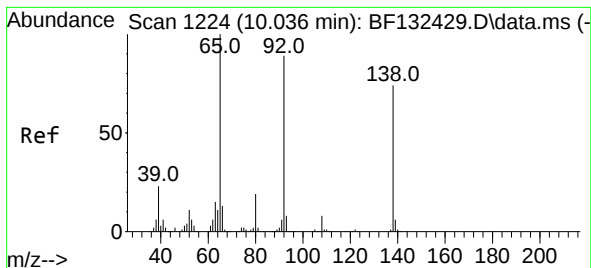
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#52
Acenaphthene
Concen: 42.040 ng m
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

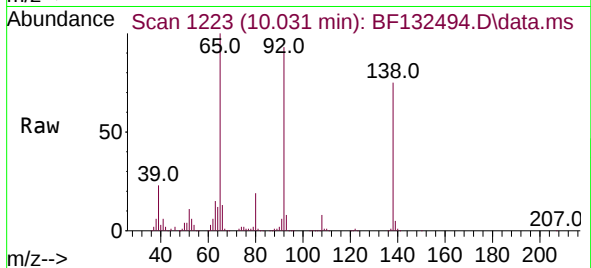
Tgt Ion:154 Resp: 1422139
Ion Ratio Lower Upper
154 100
153 111.7 89.7 134.5
152 53.8 43.4 65.0





#53
3-Nitroaniline
Concen: 29.572 ng
RT: 10.031 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

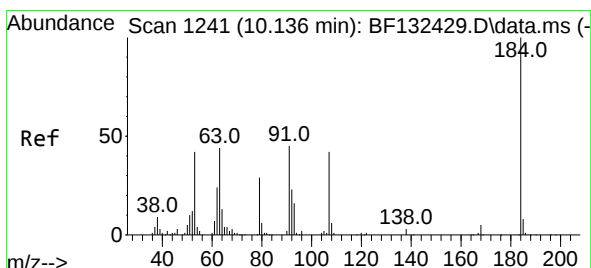
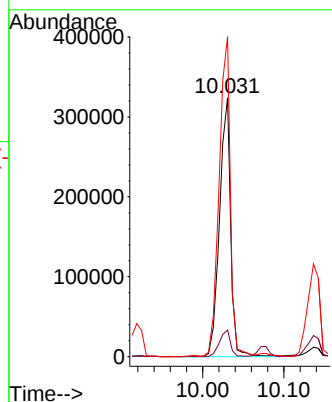
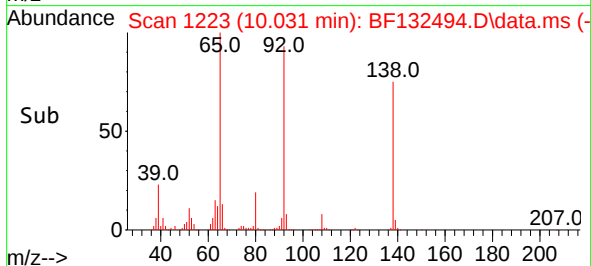
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:138 Resp: 306229
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 123.6 96.0 144.0

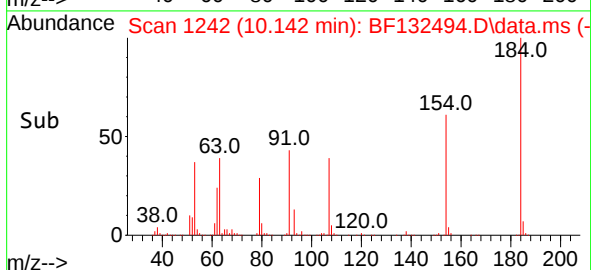
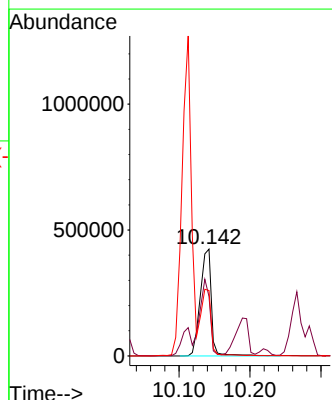
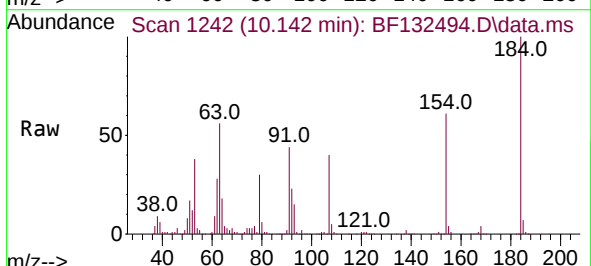
Manual Integrations
APPROVED

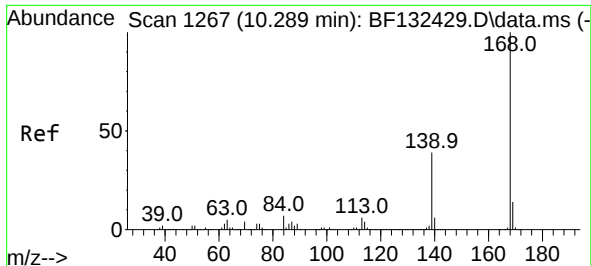
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#54
2,4-Dinitrophenol
Concen: 82.195 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion:184 Resp: 461174
Ion Ratio Lower Upper
184 100
63 55.6 47.0 70.6
154 61.2 49.0 73.6





#55

Dibenzenofuran

Concen: 35.187 ng

RT: 10.284 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132494.D

Acq: 21 Feb 2023 14:01

Instrument :

BNA_F

ClientSampleId :

PB150926BSD

Tgt Ion:168 Resp: 176607

Ion Ratio Lower Upper

168 100

139 39.6 31.0 46.4

169 14.3 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Christian

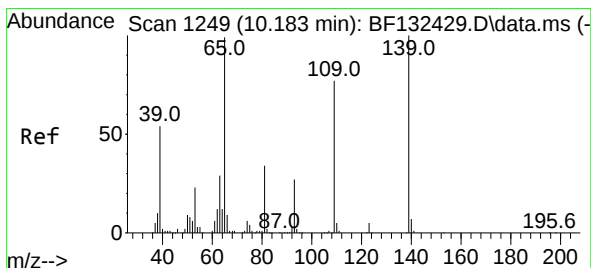
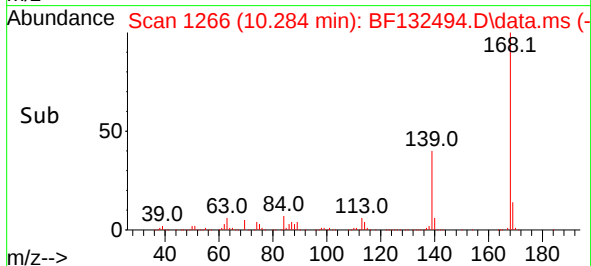
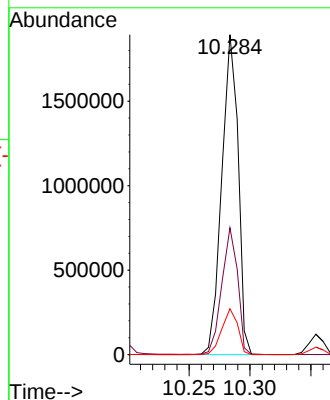
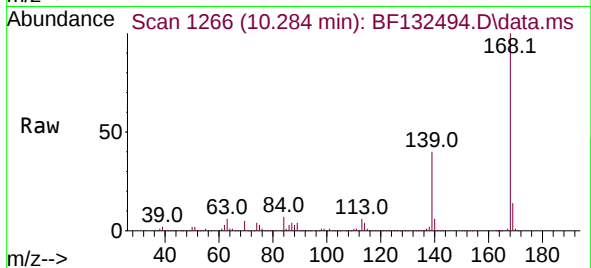
Giraldo

02/22/2023

Supervised By :Jagrut

Upadhyay

02/22/2023



#56

4-Nitrophenol

Concen: 76.631 ng

RT: 10.195 min Scan# 1251

Delta R.T. 0.018 min

Lab File: BF132494.D

Acq: 21 Feb 2023 14:01

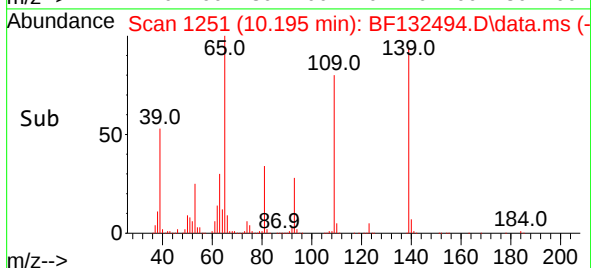
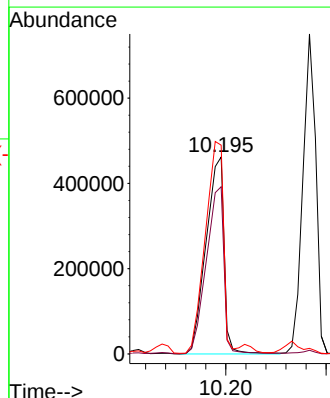
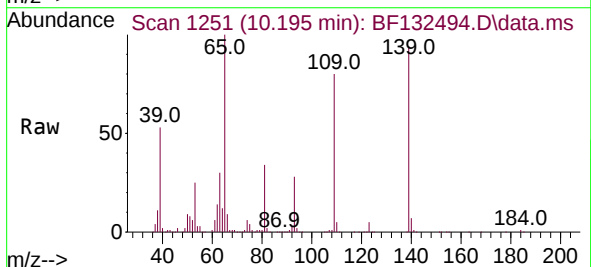
Tgt Ion:139 Resp: 575706

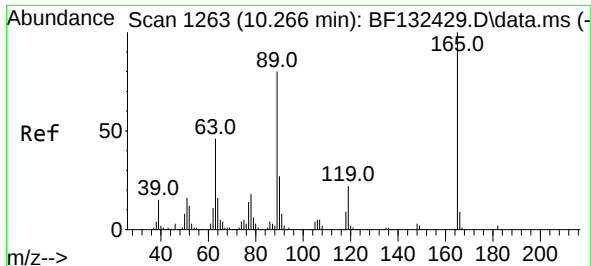
Ion Ratio Lower Upper

139 100

109 84.9 57.2 97.2

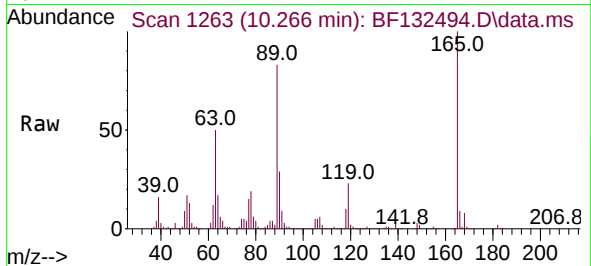
65 106.1 79.2 119.2





#57
2,4-Dinitrotoluene
Concen: 40.464 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

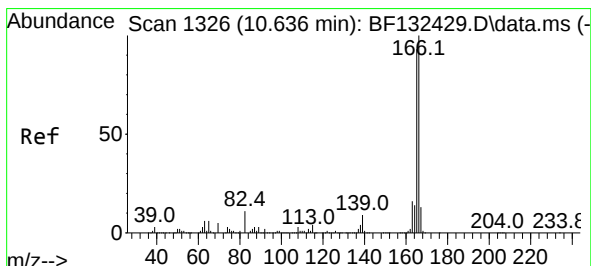
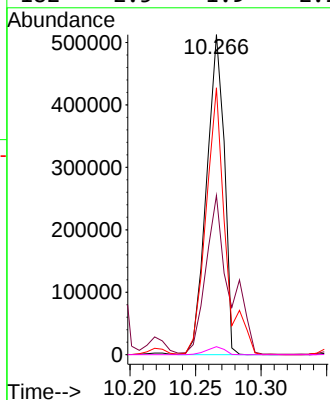
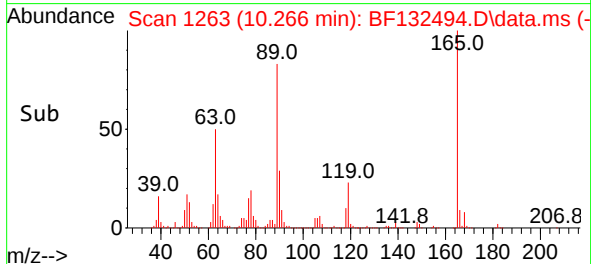
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:165 Resp: 480421
Ion Ratio Lower Upper
165 100
63 49.7 37.1 55.7
89 83.4 63.6 95.4
182 2.5 1.9 2.9

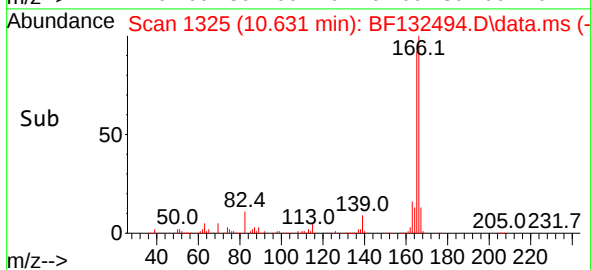
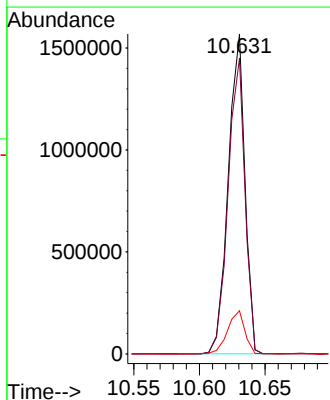
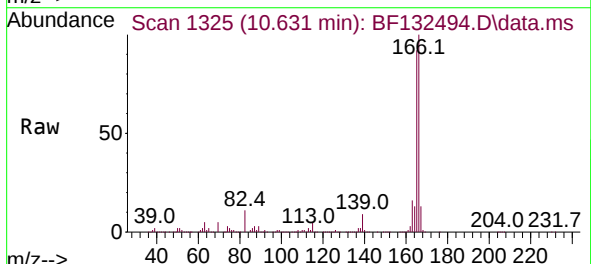
Manual Integrations
APPROVED

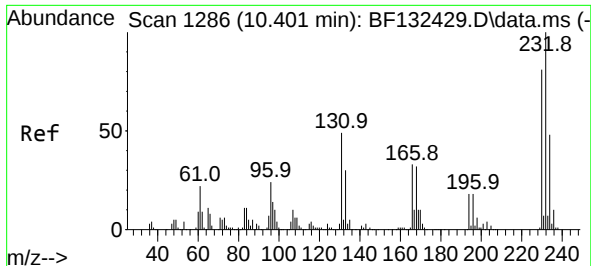
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#58
Fluorene
Concen: 36.716 ng
RT: 10.631 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

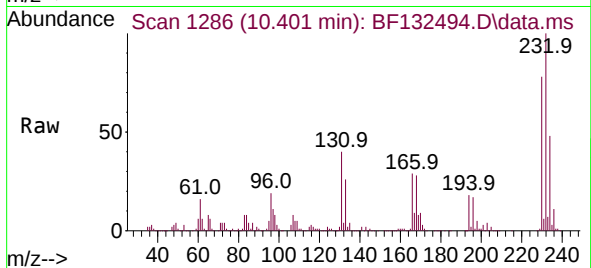
Tgt Ion:166 Resp: 1393214
Ion Ratio Lower Upper
166 100
165 92.4 74.6 111.8
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.952 ng
RT: 10.401 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

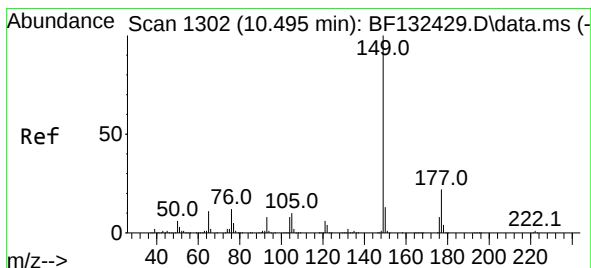
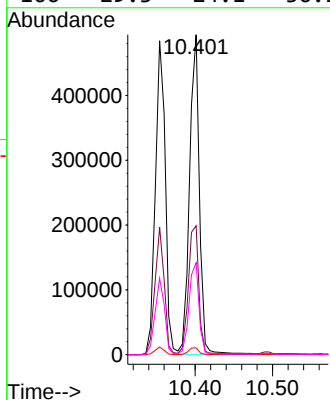
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:232 Resp: 433356
Ion Ratio Lower Upper
232 100
131 43.0 35.8 53.8
130 2.3 1.8 2.8
166 29.3 24.1 36.1

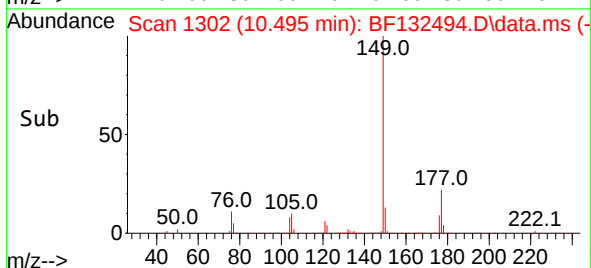
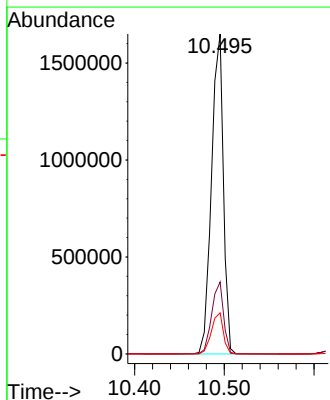
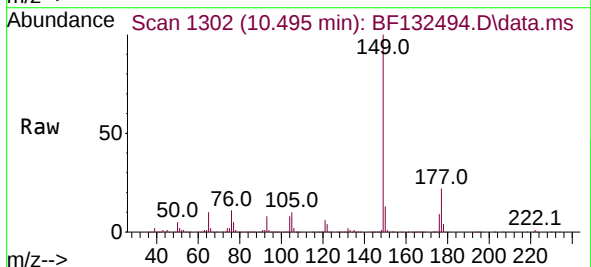
Manual Integrations
APPROVED

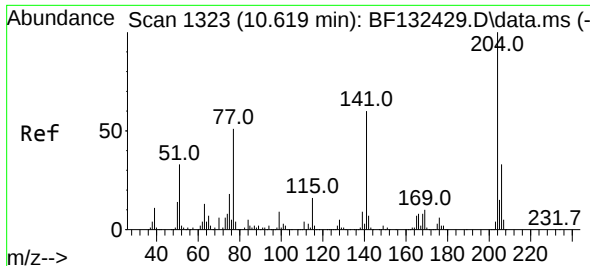
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#60
Diethylphthalate
Concen: 37.398 ng
RT: 10.495 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

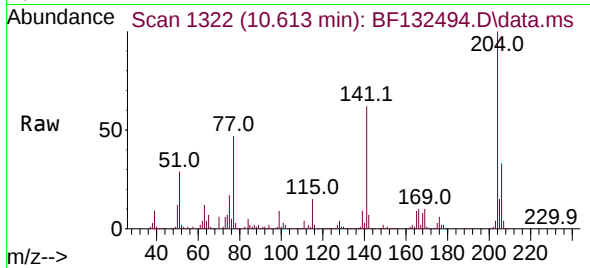
Tgt Ion:149 Resp: 1524656
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.858 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

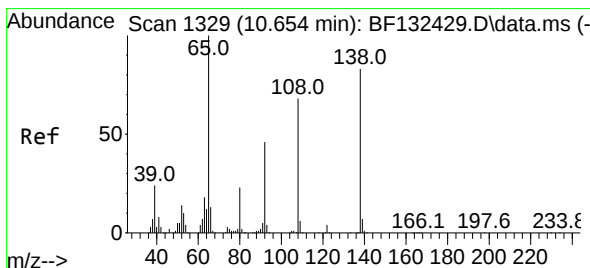
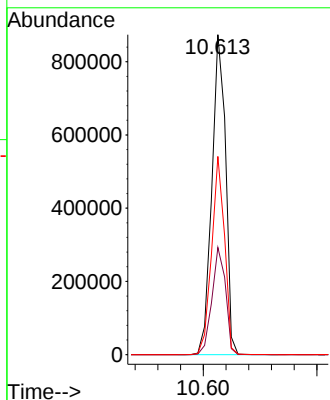
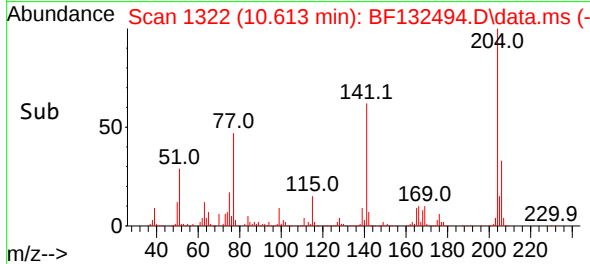
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:204 Resp: 732418
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 61.9 48.2 72.2

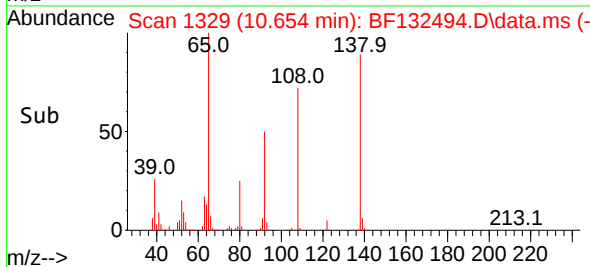
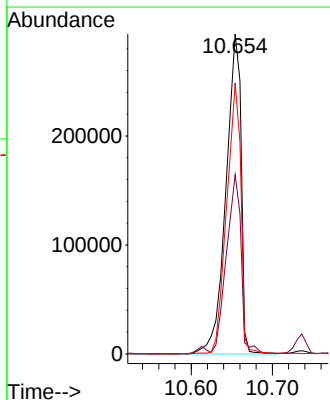
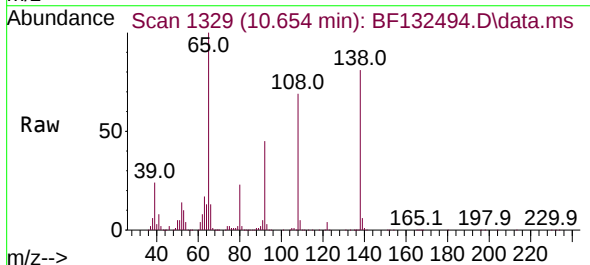
Manual Integrations
APPROVED

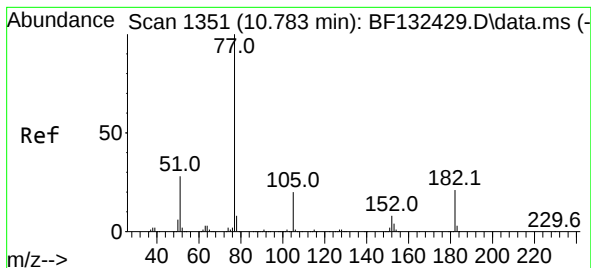
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#62
4-Nitroaniline
Concen: 39.334 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

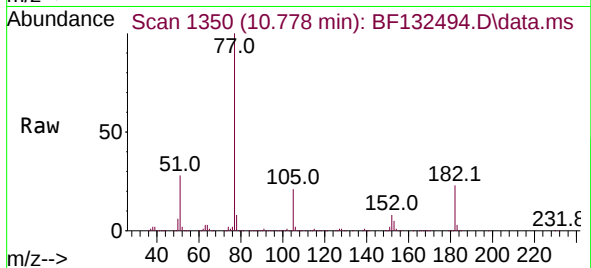
Tgt Ion:138 Resp: 380067
Ion Ratio Lower Upper
138 100
92 56.0 35.9 75.9
108 84.6 62.1 102.1





#63
Azobenzene
Concen: 35.798 ng
RT: 10.778 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

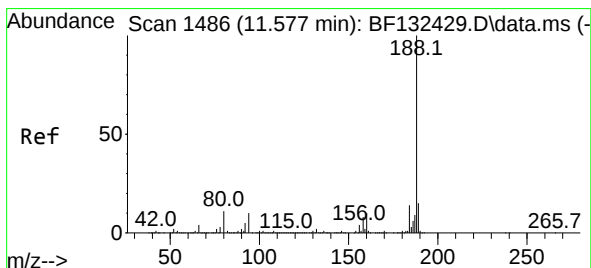
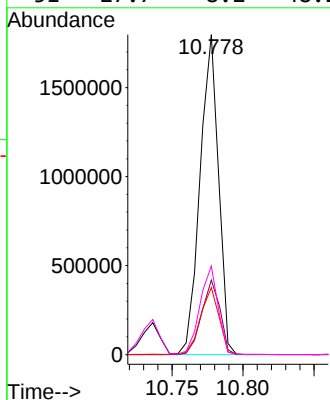
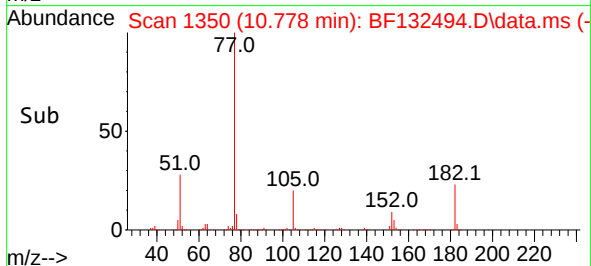
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion: 77 Resp: 161481
Ion Ratio Lower Upper
77 100
182 23.3 1.4 41.4
105 20.9 0.1 40.1
51 27.7 8.2 48.2

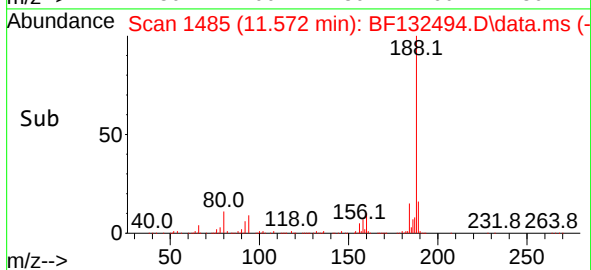
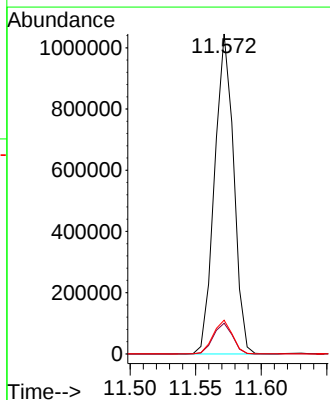
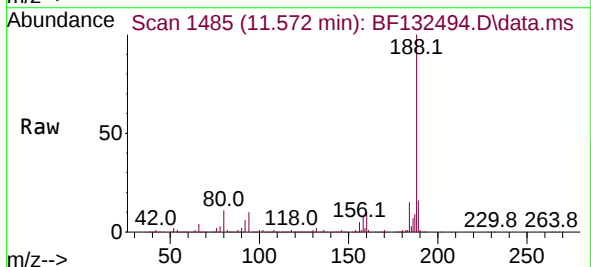
Manual Integrations
APPROVED

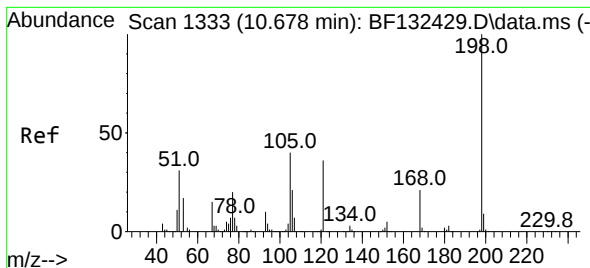
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion:188 Resp: 1059461
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.5 8.6 12.8





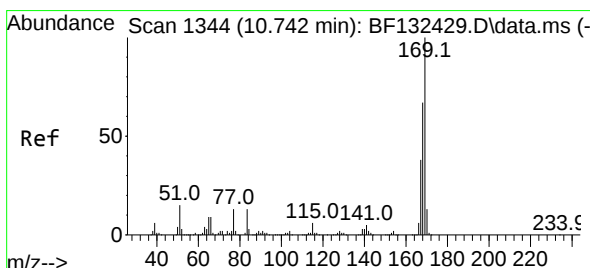
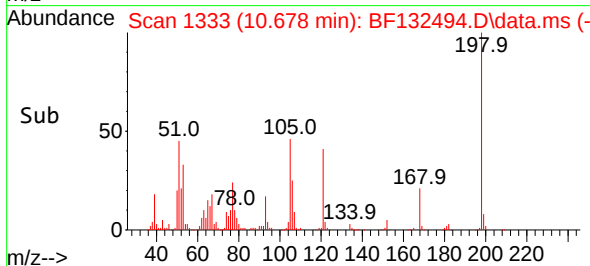
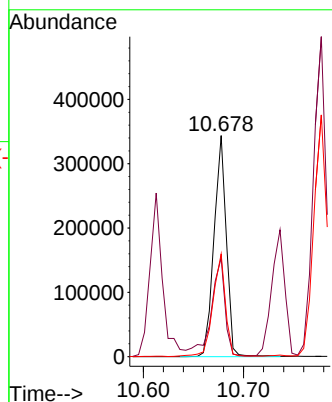
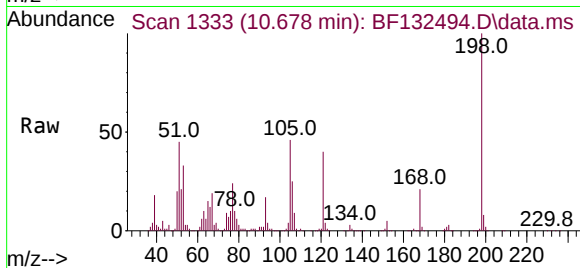
#65
4,6-Dinitro-2-methylphenol
Concen: 44.449 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Instrument :
BNA_F
ClientSampleId :
PB150926BSD

Tgt Ion:198 Resp: 292775
Ion Ratio Lower Upper
198 100
51 44.6 17.4 57.4
105 46.4 21.3 61.3

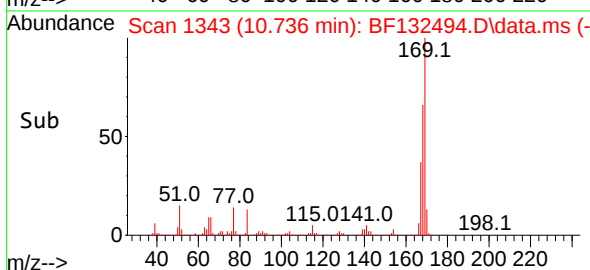
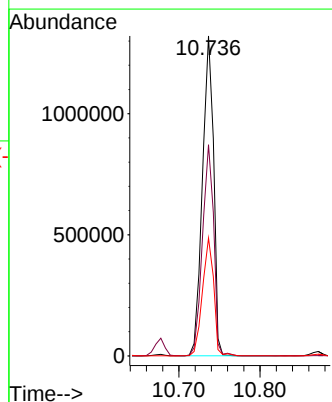
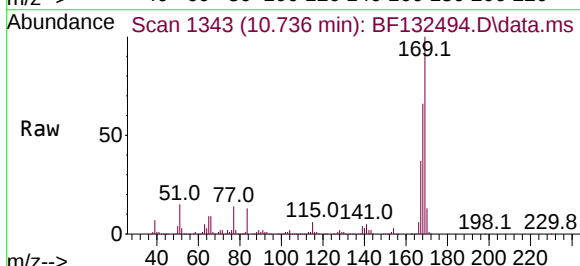
Manual Integrations
APPROVED

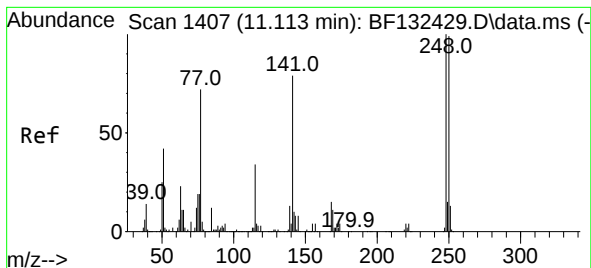
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#66
n-Nitrosodiphenylamine
Concen: 38.752 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

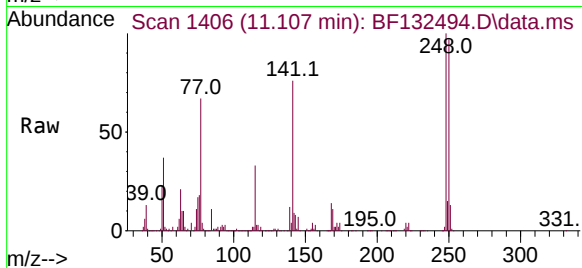
Tgt Ion:169 Resp: 1260131
Ion Ratio Lower Upper
169 100
168 66.0 53.5 80.3
167 36.8 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 40.169 ng
RT: 11.107 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

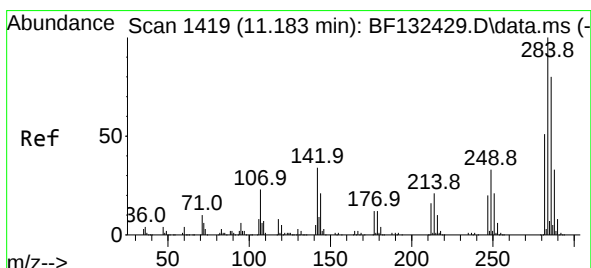
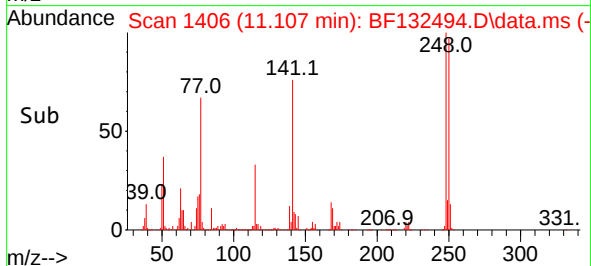
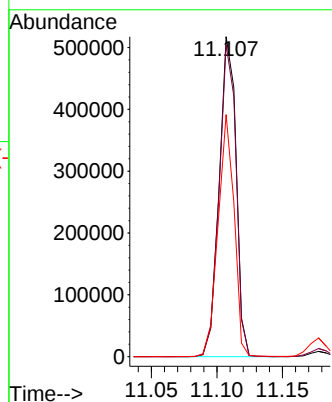
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:248 Resp: 466436
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 75.6 63.3 94.9

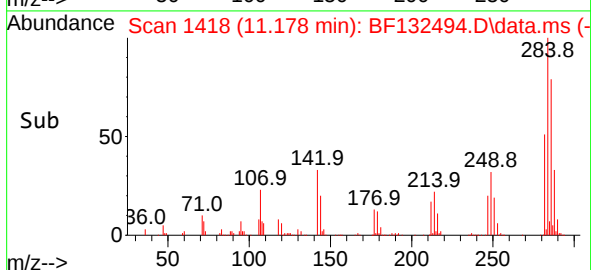
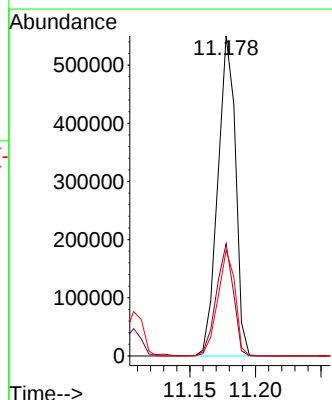
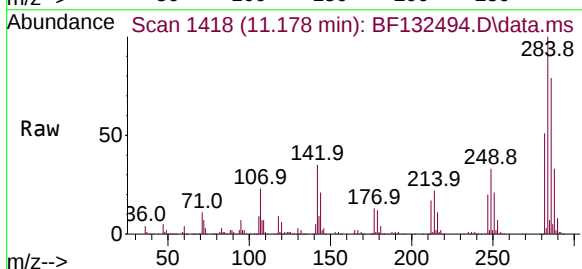
Manual Integrations
APPROVED

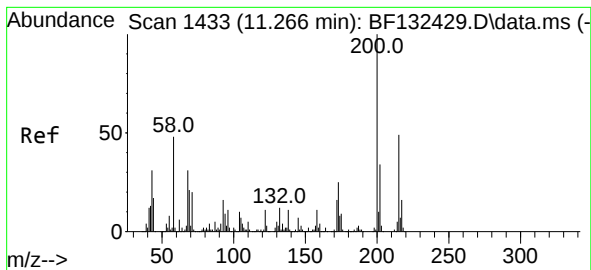
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#68
Hexachlorobenzene
Concen: 42.687 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

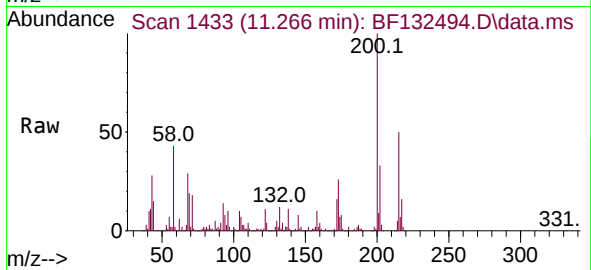
Tgt Ion:284 Resp: 518129
Ion Ratio Lower Upper
284 100
142 35.1 27.5 41.3
249 33.1 26.2 39.4





#69
Atrazine
Concen: 44.067 ng
RT: 11.266 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

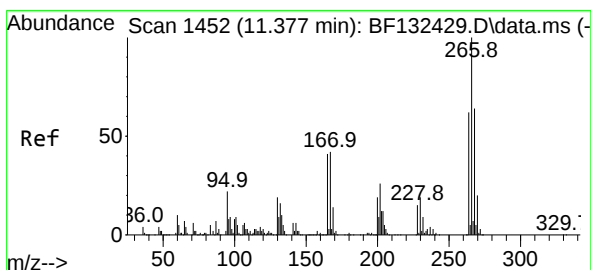
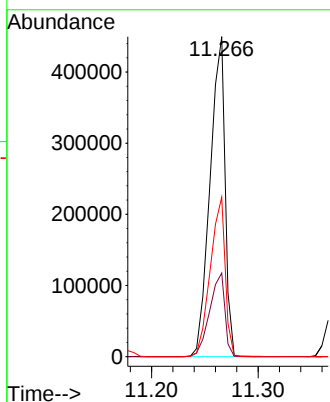
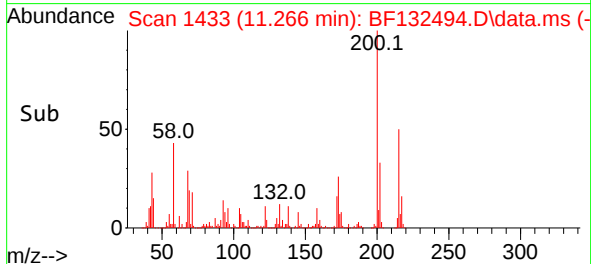
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:200 Resp: 441064
Ion Ratio Lower Upper
200 100
173 26.1 5.3 45.3
215 49.8 29.1 69.1

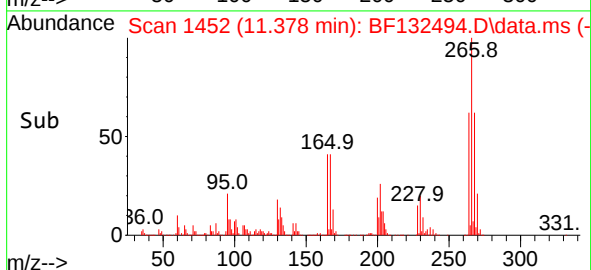
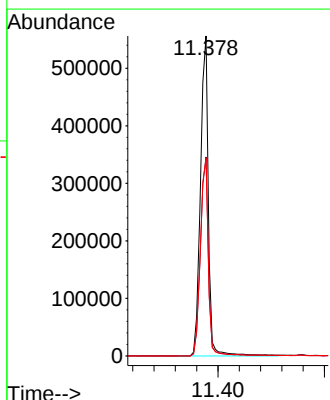
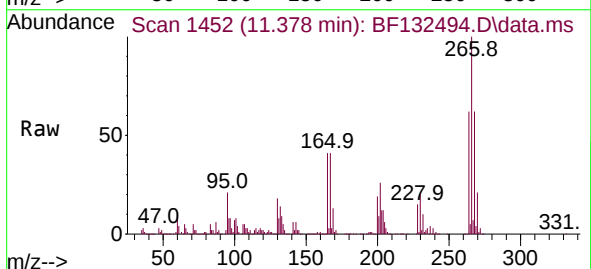
Manual Integrations
APPROVED

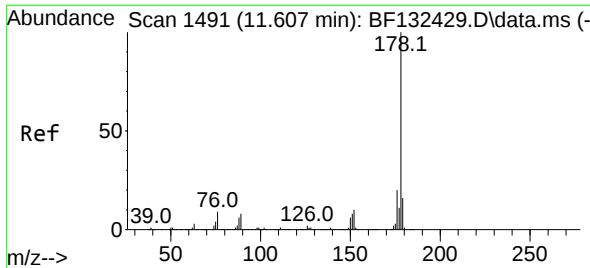
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#70
Pentachlorophenol
Concen: 75.251 ng
RT: 11.378 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

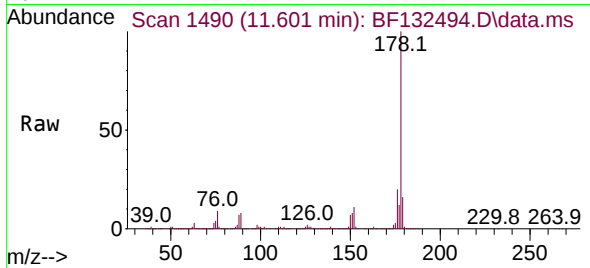
Tgt Ion:266 Resp: 567871
Ion Ratio Lower Upper
266 100
268 62.2 51.0 76.4
264 61.8 49.8 74.6





#71
Phenanthrene
Concen: 37.101 ng
RT: 11.601 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

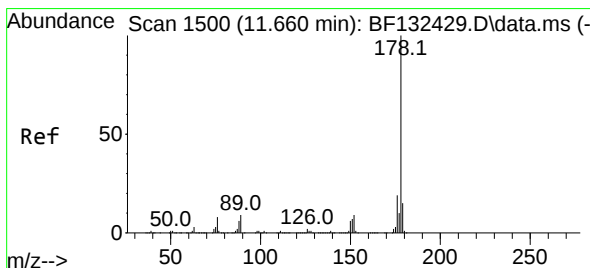
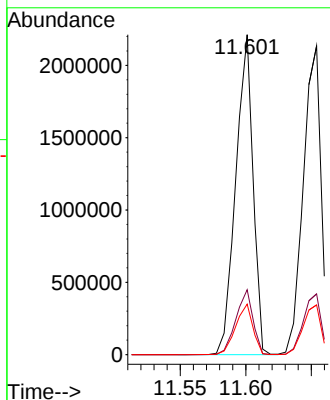
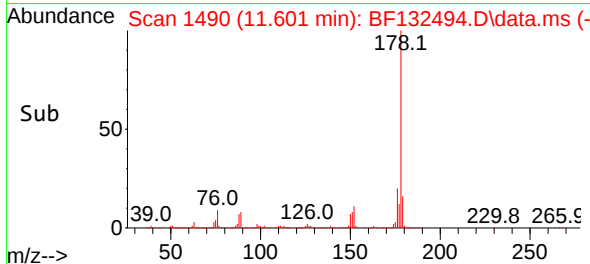
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



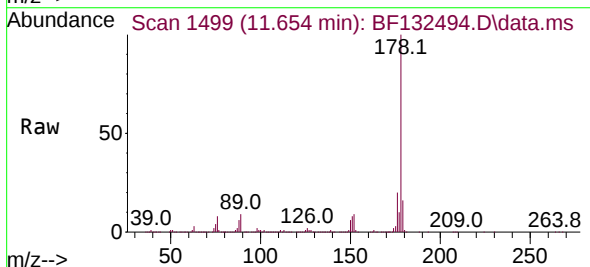
Tgt Ion:178 Resp: 2024474
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 15.8 12.6 18.8

Manual Integrations
APPROVED

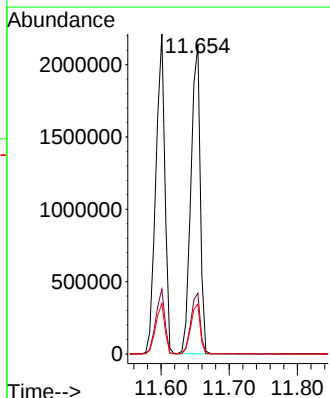
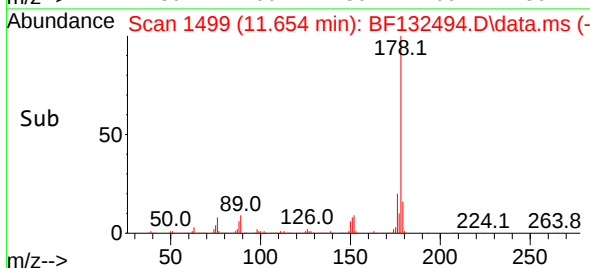
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

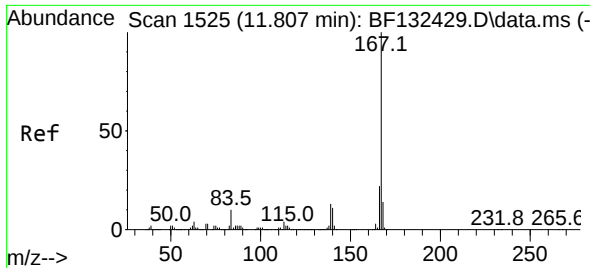


#72
Anthracene
Concen: 36.187 ng
RT: 11.654 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



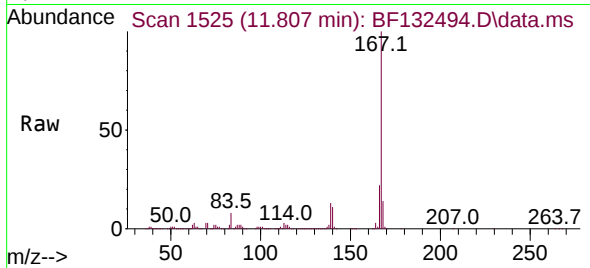
Tgt Ion:178 Resp: 2029918
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.1 12.4 18.6





#73
 Carbazole
 Concen: 37.383 ng
 RT: 11.807 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: BF132494.D
 Acq: 21 Feb 2023 14:01

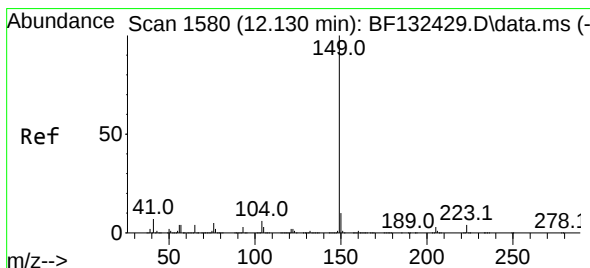
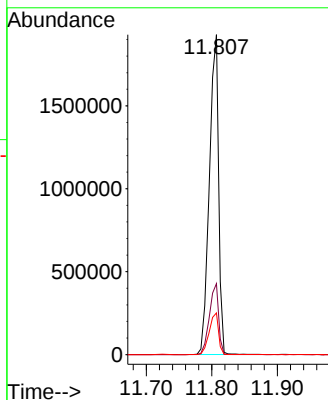
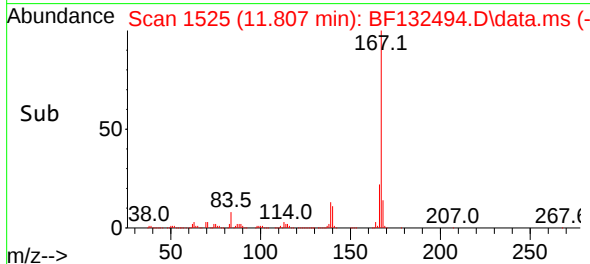
Instrument :
 BNA_F
 ClientSampleId :
 PB150926BSD



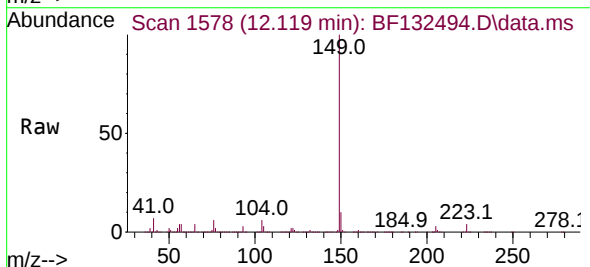
Tgt Ion:167 Resp: 1887615
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.0 10.7 16.1

Manual Integrations
 APPROVED

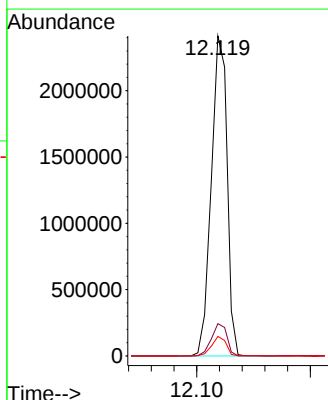
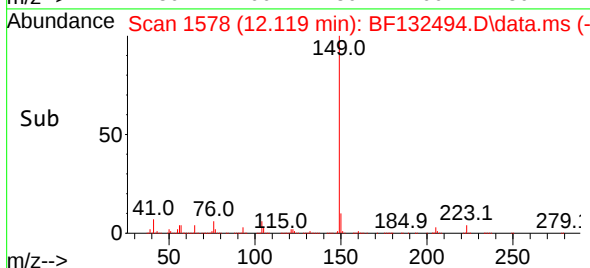
Reviewed By :Christian
 Giraldo
 02/22/2023
 Supervised By :Jagrut
 Upadhyay
 02/22/2023

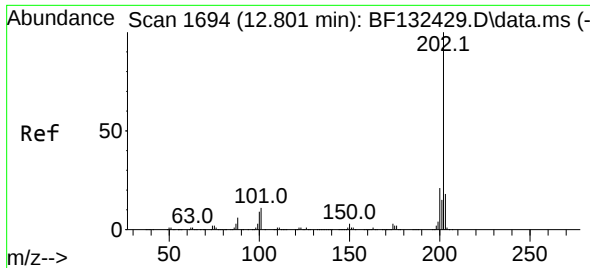


#74
 Di-n-butylphthalate
 Concen: 38.738 ng
 RT: 12.119 min Scan# 1578
 Delta R.T. 0.000 min
 Lab File: BF132494.D
 Acq: 21 Feb 2023 14:01



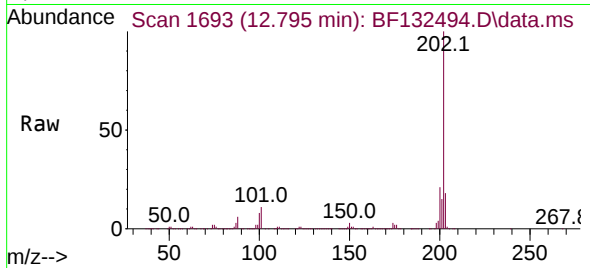
Tgt Ion:149 Resp: 2329838
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 6.1 4.5 6.7





#75
Fluoranthene
Concen: 36.269 ng
RT: 12.795 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

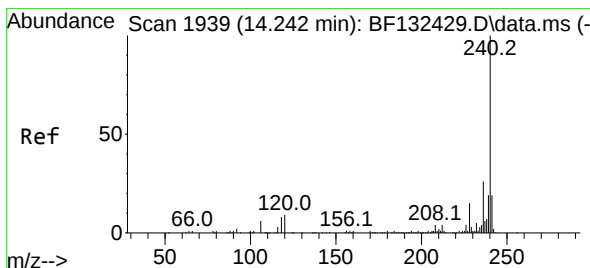
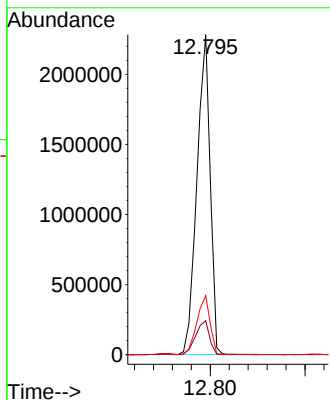
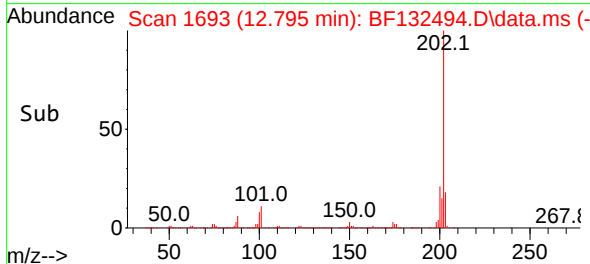
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



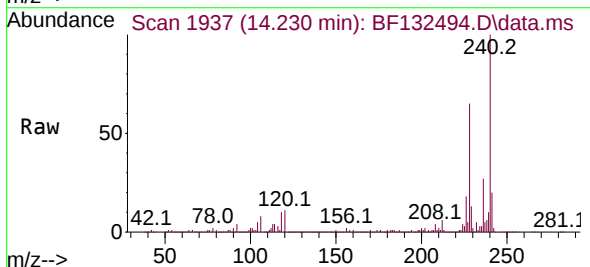
Tgt Ion:202 Resp: 2207066
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.3
203 18.4 0.0 37.8

Manual Integrations
APPROVED

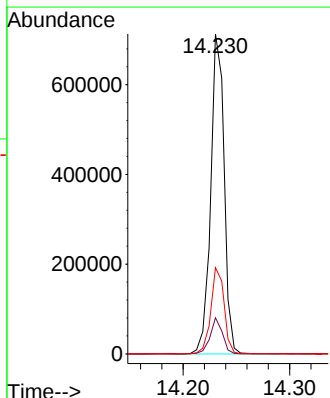
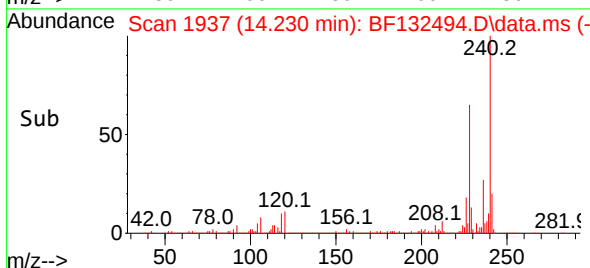
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

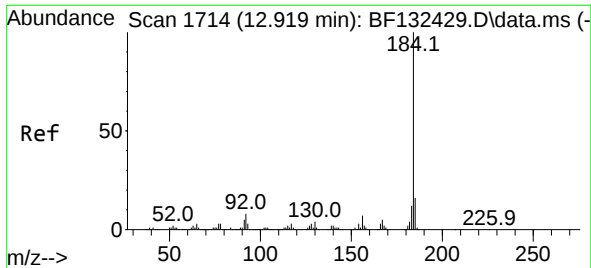


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



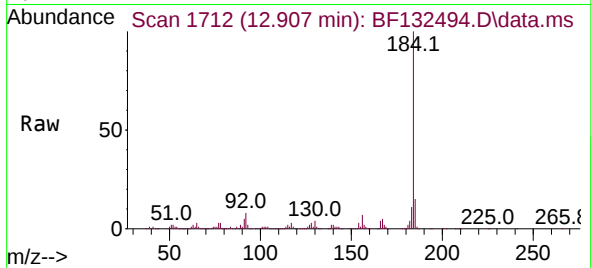
Tgt Ion:240 Resp: 622578
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3#
236 26.9 21.0 31.6





#77
Benzidine
Concen: 39.077 ng
RT: 12.907 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

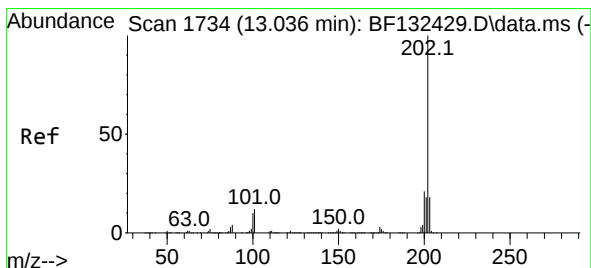
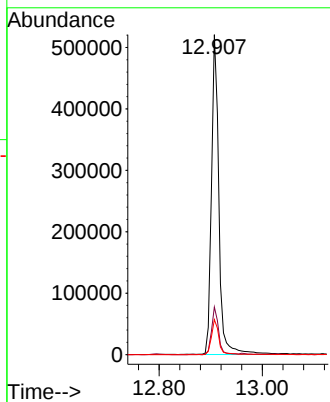
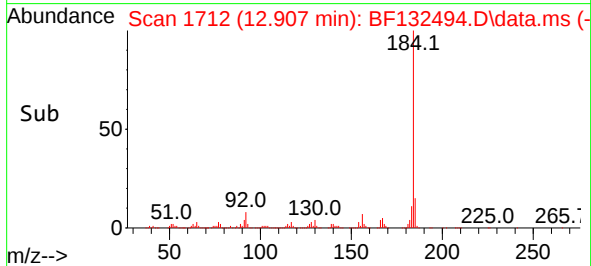
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



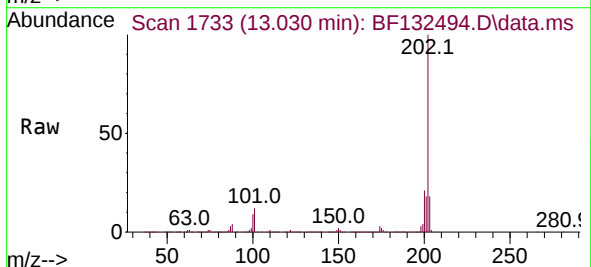
Tgt Ion:184 Resp: 518045
Ion Ratio Lower Upper
184 100
185 14.9 12.4 18.6
183 10.9 9.2 13.8

Manual Integrations
APPROVED

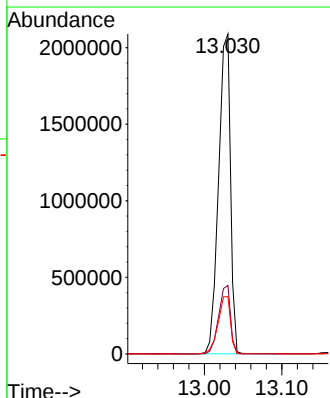
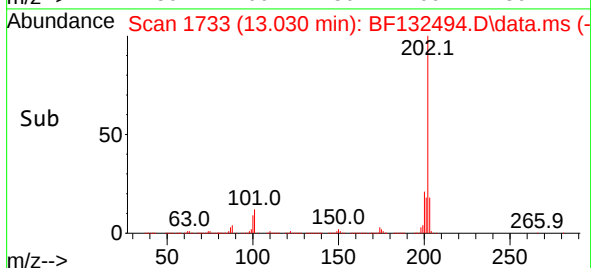
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

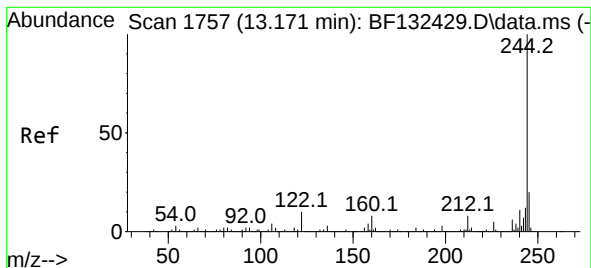


#78
Pyrene
Concen: 42.131 ng
RT: 13.030 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



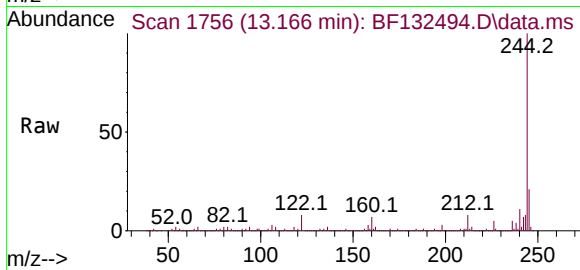
Tgt Ion:202 Resp: 2228234
Ion Ratio Lower Upper
202 100
200 21.4 16.6 25.0
203 17.9 14.3 21.5





#79
 Terphenyl-d14
 Concen: 90.834 ng
 RT: 13.166 min Scan# 1756
 Delta R.T. 0.006 min
 Lab File: BF132494.D
 Acq: 21 Feb 2023 14:01

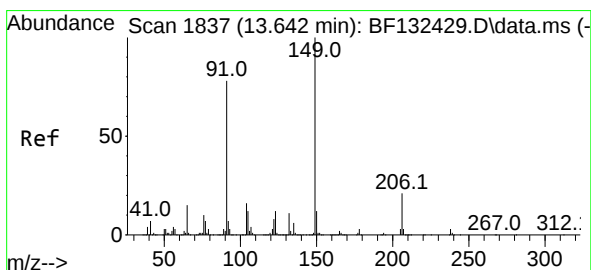
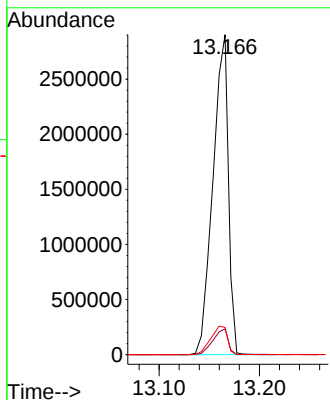
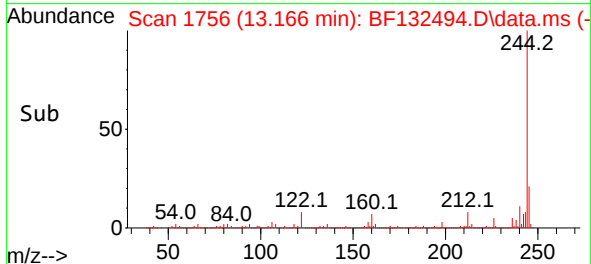
Instrument :
 BNA_F
 ClientSampleId :
 PB150926BSD



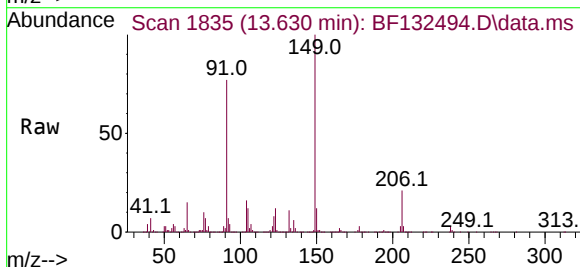
Tgt Ion:244 Resp: 310515
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.7 10.1
 122 8.5 7.7 11.5

Manual Integrations
 APPROVED

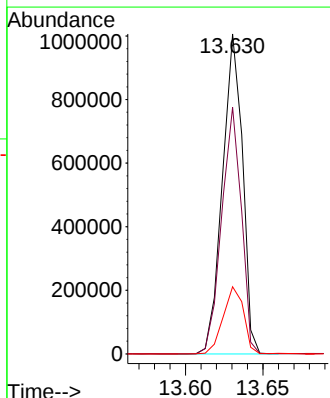
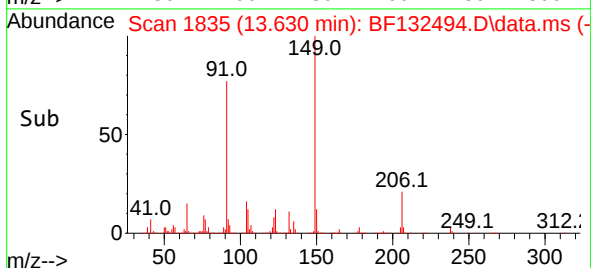
Reviewed By :Christian
 Giraldo
 02/22/2023
 Supervised By :Jagrut
 Upadhyay
 02/22/2023

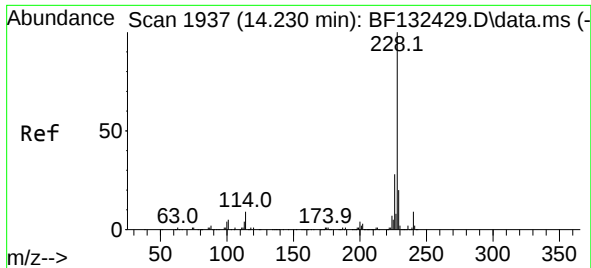


#80
 Butylbenzylphthalate
 Concen: 45.997 ng
 RT: 13.630 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF132494.D
 Acq: 21 Feb 2023 14:01



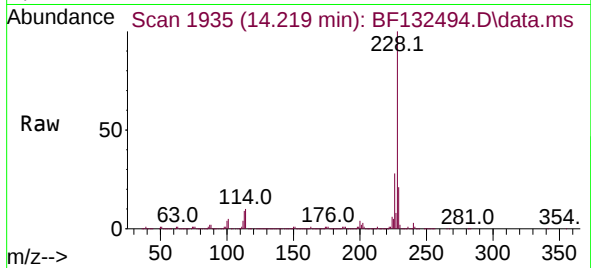
Tgt Ion:149 Resp: 907750
 Ion Ratio Lower Upper
 149 100
 91 77.1 62.8 94.2
 206 21.0 16.9 25.3





#81
Benzo(a)anthracene
Concen: 38.392 ng
RT: 14.219 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

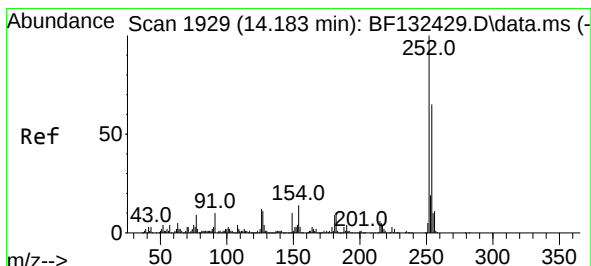
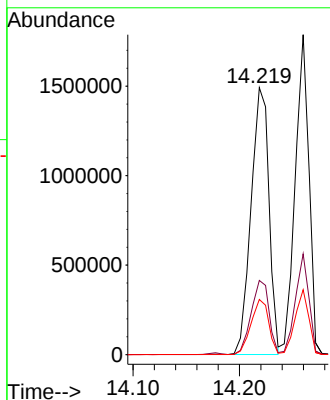
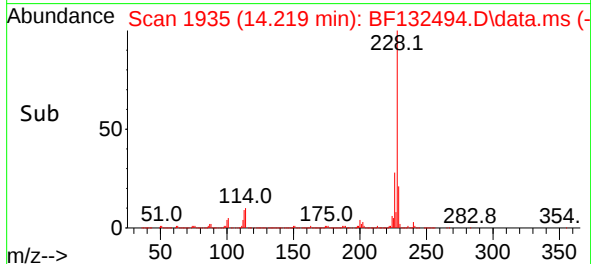
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:228 Resp: 1750581
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.6 16.2 24.4

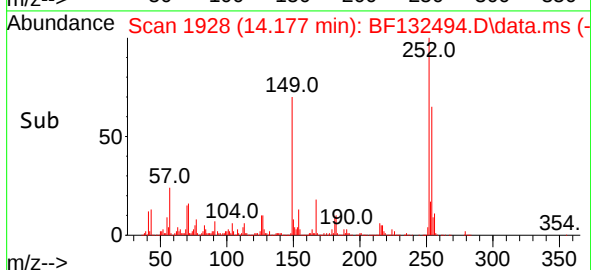
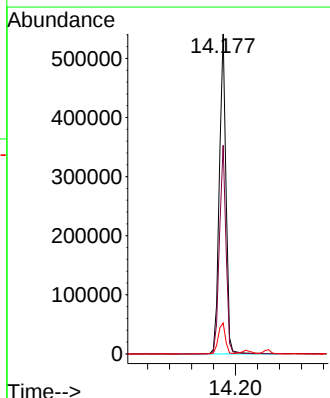
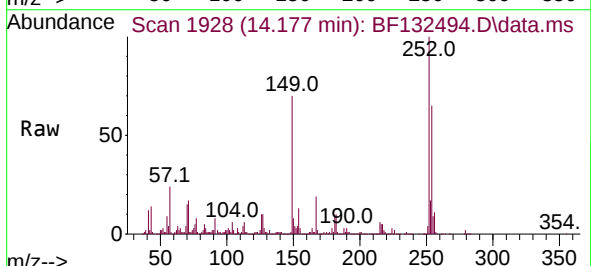
Manual Integrations
APPROVED

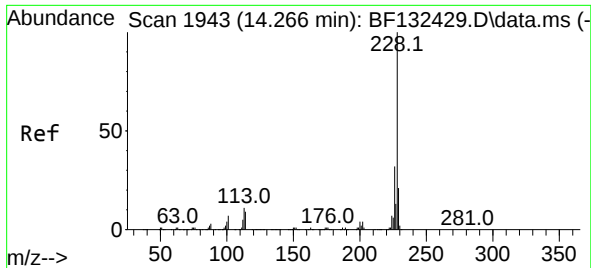
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.160 ng
RT: 14.177 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

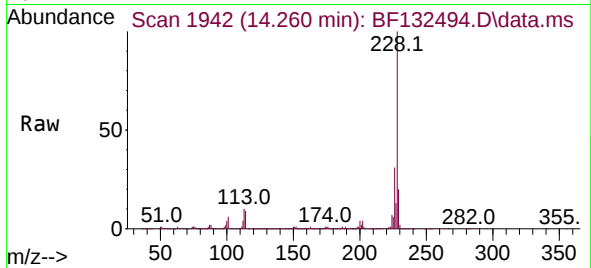
Tgt Ion:252 Resp: 452591
Ion Ratio Lower Upper
252 100
254 65.2 52.2 78.2
126 9.7 9.6 14.4





#83
Chrysene
Concen: 36.917 ng
RT: 14.260 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

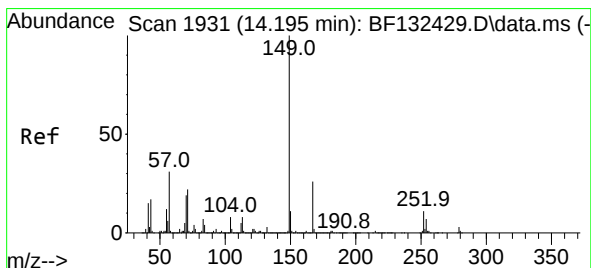
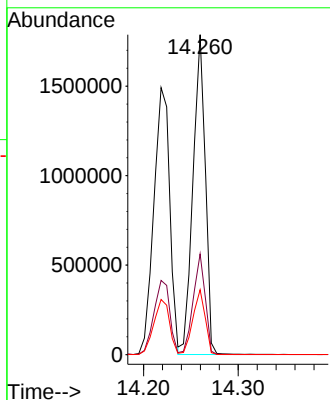
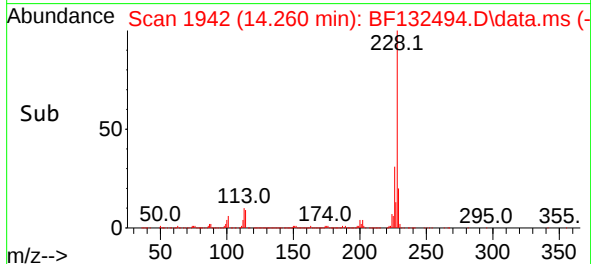
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:228 Resp: 1608340
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.2
229 20.3 16.6 25.0

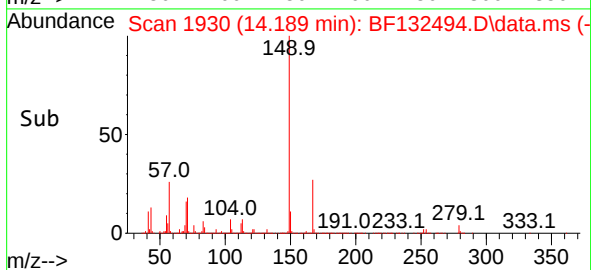
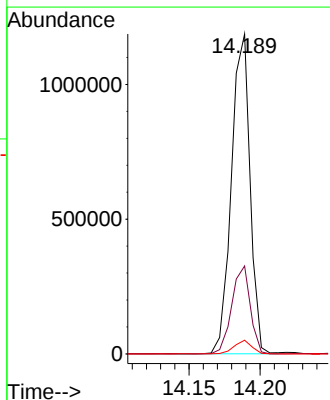
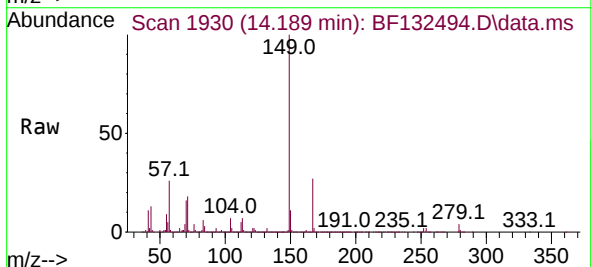
Manual Integrations
APPROVED

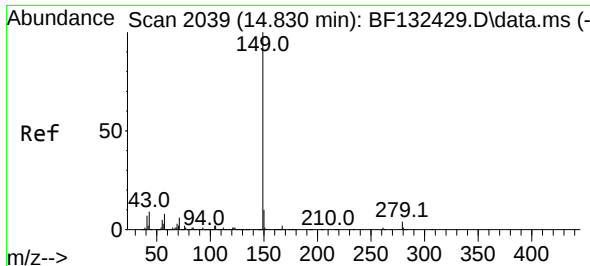
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.295 ng
RT: 14.189 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion:149 Resp: 1080516
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.6
279 4.3 2.5 3.7#





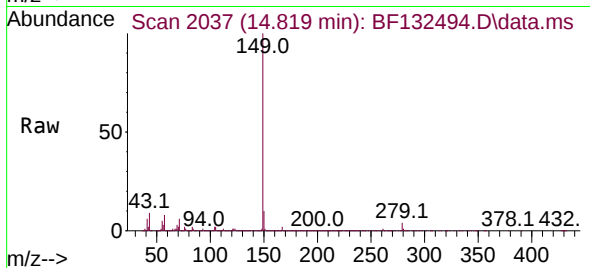
#85
Di-n-octyl phthalate
Concen: 44.070 ng
RT: 14.819 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Instrument :

BNA_F

ClientSampleId :

PB150926BSD

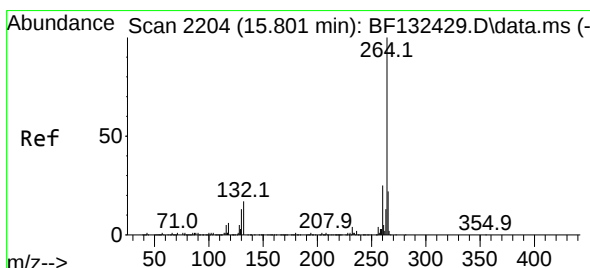
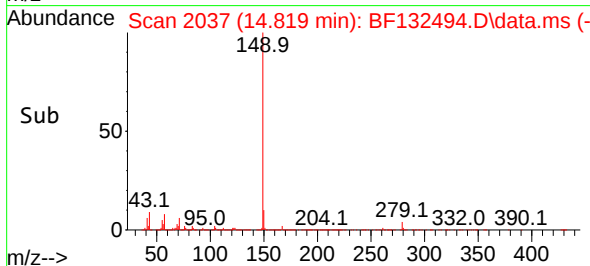
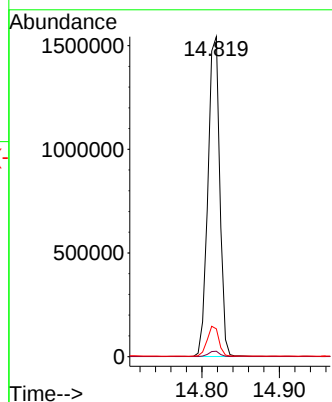


Tgt Ion:149 Resp: 1634817
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.0 12.0

Manual Integrations
APPROVED

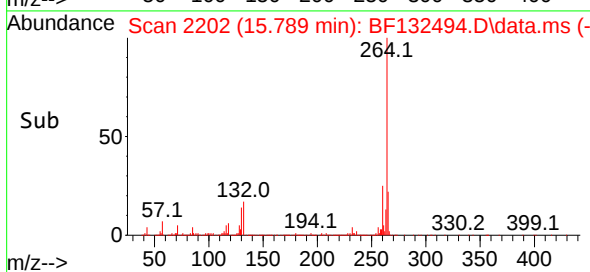
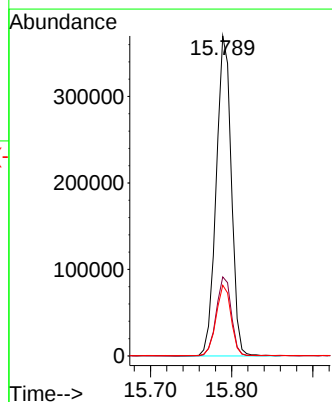
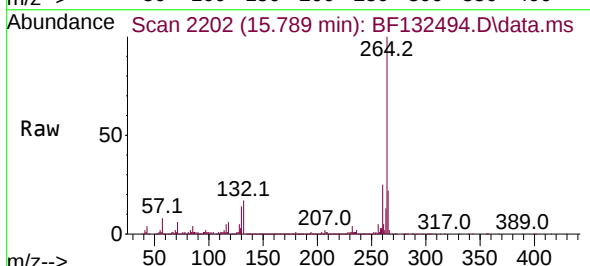
Reviewed By :Christian
Giraldo
02/22/2023

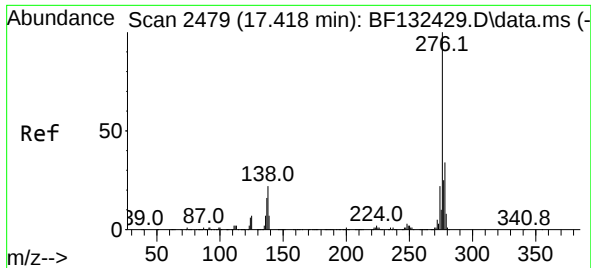
Supervised By :Jagrut
Upadhyay
02/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.789 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

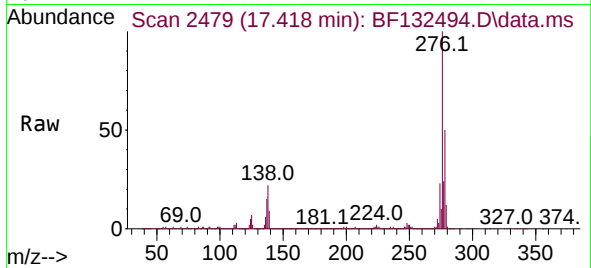
Tgt Ion:264 Resp: 476379
Ion Ratio Lower Upper
264 100
260 24.7 20.0 30.0
265 22.1 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.277 ng
RT: 17.418 min Scan# 2479
Delta R.T. 0.018 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

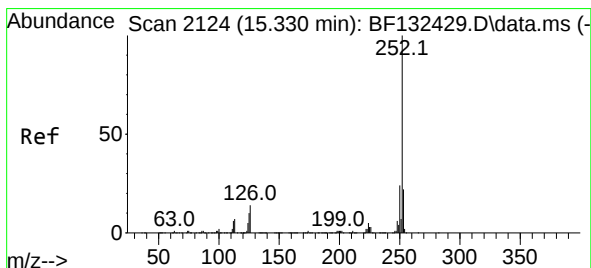
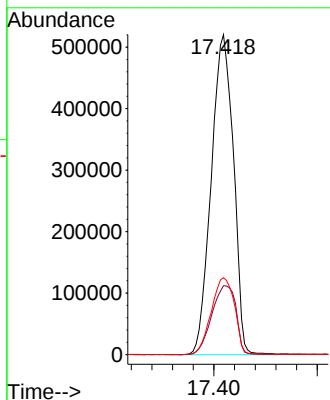
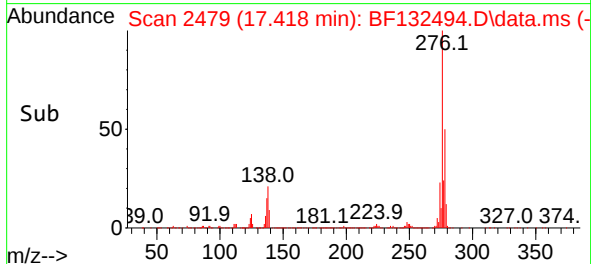
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



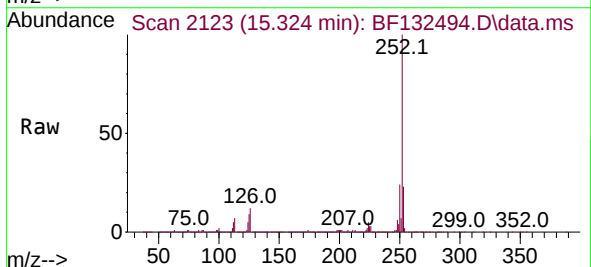
Tgt Ion:276 Resp: 156147
Ion Ratio Lower Upper
276 100
138 23.6 20.2 30.4
277 25.3 20.0 30.0

Manual Integrations
APPROVED

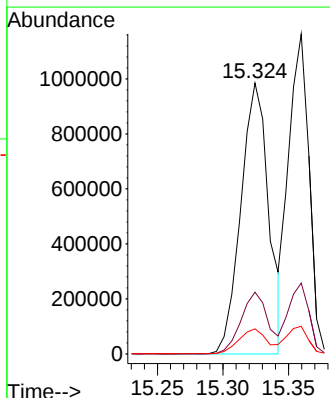
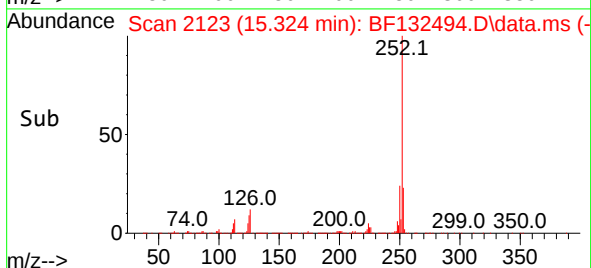
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

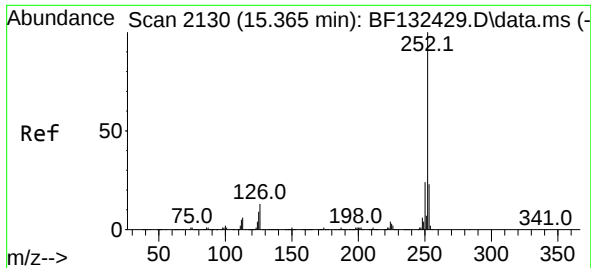


#88
Benzo(b)fluoranthene
Concen: 46.466 ng
RT: 15.324 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



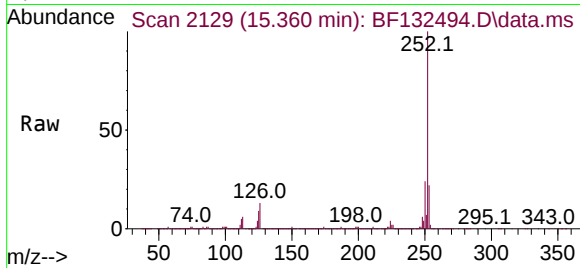
Tgt Ion:252 Resp: 1455660
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 9.3 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 40.544 ng
RT: 15.360 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

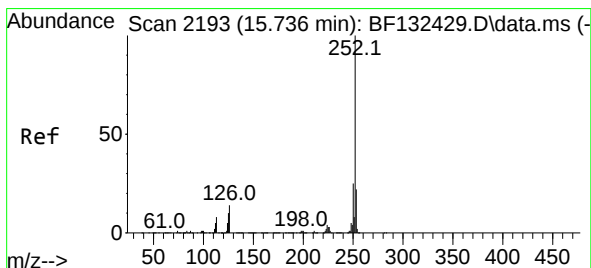
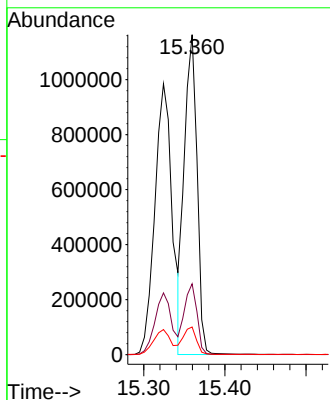
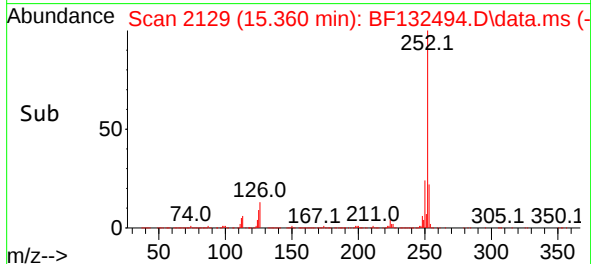
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



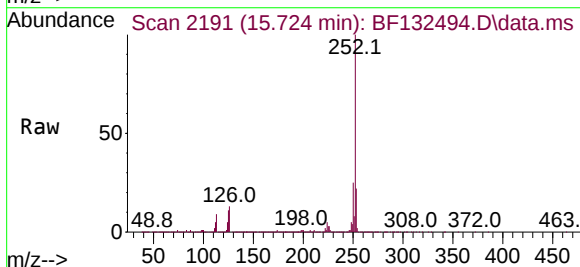
Tgt Ion:252 Resp: 1271033
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 8.6 7.5 11.3

Manual Integrations
APPROVED

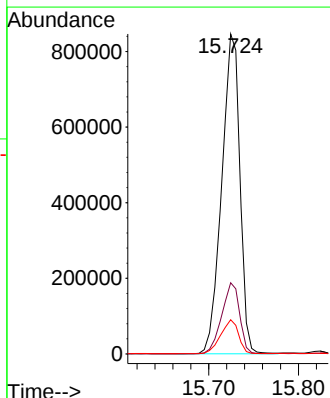
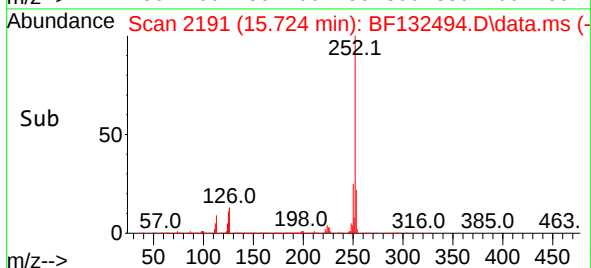
Reviewed By :Christian
Giraldo
02/22/2023
Supervised By :Jagrut
Upadhyay
02/22/2023

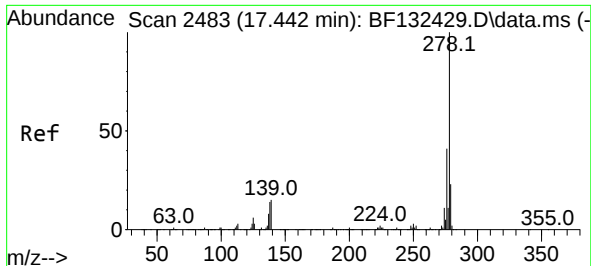


#90
Benzo(a)pyrene
Concen: 41.126 ng
RT: 15.724 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01



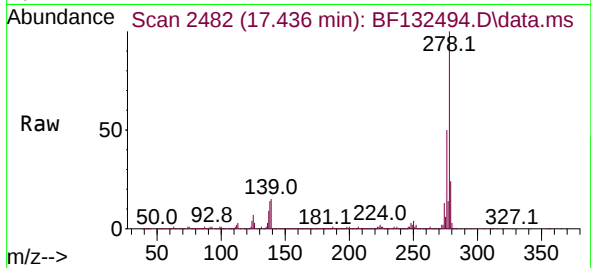
Tgt Ion:252 Resp: 1197315
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.7 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 52.209 ng
RT: 17.436 min Scan# 2482
Delta R.T. 0.018 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

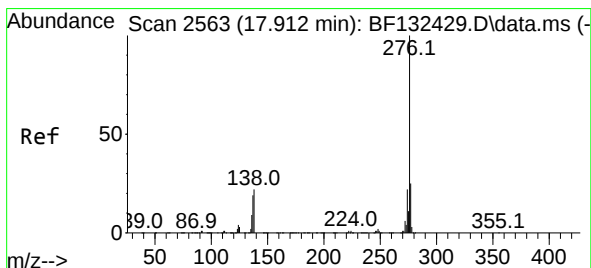
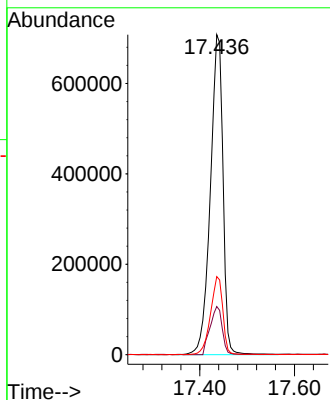
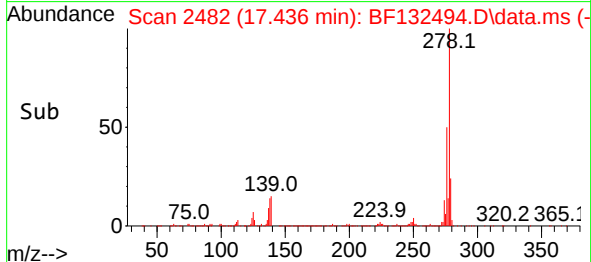
Instrument :
BNA_F
ClientSampleId :
PB150926BSD



Tgt Ion:278 Resp: 130946
Ion Ratio Lower Upper
278 100
139 15.0 12.2 18.2
279 24.4 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 53.266 ng
RT: 17.918 min Scan# 2564
Delta R.T. 0.024 min
Lab File: BF132494.D
Acq: 21 Feb 2023 14:01

Tgt Ion:276 Resp: 1372016
Ion Ratio Lower Upper
276 100
277 23.7 19.6 29.4
138 20.5 17.7 26.5

