

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132991.D
 Acq On : 24 Apr 2023 12:58
 Operator : CG\JU
 Sample : PB152338BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152338BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

Quant Time: Apr 24 13:43:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	190513	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	794367	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	401045	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	699300	20.000	ng	0.00
76) Chrysene-d12	13.910	240	497399	20.000	ng	0.00
86) Perylene-d12	15.327	264	511334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1120476	88.844	ng	0.01
7) Phenol-d6	6.386	99	1367818	87.380	ng	0.00
23) Nitrobenzene-d5	7.316	82	1210807	82.274	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	329827	81.776	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2003588	83.582	ng	0.00
79) Terphenyl-d14	12.857	244	2323212	80.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	225912	38.619	ng	99
3) Pyridine	3.204	79	584621	37.628	ng	98
4) n-Nitrosodimethylamine	3.157	42	341483	42.433	ng	99
6) Aniline	6.410	93	677513	33.604	ng	100
8) 2-Chlorophenol	6.534	128	596094	46.552	ng	96
9) Benzaldehyde	6.292	77	351871	55.501	ng	99
10) Phenol	6.398	94	762266	44.141	ng	88
11) bis(2-Chloroethyl)ether	6.481	93	568909	43.902	ng	98
12) 1,3-Dichlorobenzene	6.686	146	619943	45.537	ng	100
13) 1,4-Dichlorobenzene	6.763	146	618560	45.335	ng	99
14) 1,2-Dichlorobenzene	6.916	146	595693	47.356	ng	96
15) Benzyl Alcohol	6.892	79	496024	45.873	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	980972	43.584	ng	99
17) 2-Methylphenol	7.010	107	493111	42.056	ng	99
18) Hexachloroethane	7.263	117	216440	45.627	ng	97
19) n-Nitroso-di-n-propyla...	7.169	70	399261	40.970	ng	100
20) 3+4-Methylphenols	7.163	107	586521	42.476	ng	96
22) Acetophenone	7.157	105	790674	42.969	ng	# 98
24) Nitrobenzene	7.333	77	613041	41.108	ng	97
25) Isophorone	7.575	82	1129639	40.428	ng	98
26) 2-Nitrophenol	7.651	139	328241	45.634	ng	95
27) 2,4-Dimethylphenol	7.692	122	543632	44.076	ng	99
28) bis(2-Chloroethoxy)met...	7.786	93	681496	41.227	ng	99
29) 2,4-Dichlorophenol	7.892	162	480036	42.753	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	500080	42.991	ng	98
31) Naphthalene	8.057	128	1651454	41.582	ng	99
32) Benzoic acid	7.816	122	385114	50.549	ng	98
33) 4-Chloroaniline	8.104	127	236198	14.719	ng	99
34) Hexachlorobutadiene	8.175	225	267477	41.488	ng	98
35) Caprolactam	8.480	113	171783m	45.542	ng	
36) 4-Chloro-3-methylphenol	8.592	107	521735	43.090	ng	98
37) 2-Methylnaphthalene	8.745	142	1075693	39.616	ng	100
38) 1-Methylnaphthalene	8.845	142	1009528	39.744	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	431432	40.011	ng	98
41) Hexachlorocyclopentadiene	8.904	237	599092	95.265	ng	100
43) 2,4,6-Trichlorophenol	9.027	196	316351	42.422	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	341289	39.572	ng	98
46) 1,1'-Biphenyl	9.210	154	1313990	41.319	ng	99
47) 2-Chloronaphthalene	9.233	162	986887	42.399	ng	98
48) 2-Nitroaniline	9.327	65	325332	42.291	ng	91
49) Acenaphthylene	9.651	152	1526731	41.050	ng	99
50) Dimethylphthalate	9.516	163	1130058	40.411	ng	99
51) 2,6-Dinitrotoluene	9.569	165	264385	42.006	ng	99
52) Acenaphthene	9.822	154	1120815m	44.996	ng	
53) 3-Nitroaniline	9.739	138	193092	25.802	ng	99
54) 2,4-Dinitrophenol	9.845	184	305602	96.597	ng	97
55) Dibenzofuran	9.992	168	1383470	40.716	ng	98
56) 4-Nitrophenol	9.910	139	524317	90.458	ng	98
57) 2,4-Dinitrotoluene	9.974	165	350286	43.641	ng	98
58) Fluorene	10.333	166	1021717	41.042	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	285865	42.755	ng	99
60) Diethylphthalate	10.216	149	1073557	40.644	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	474875	39.144	ng	94
62) 4-Nitroaniline	10.357	138	299603	43.558	ng	98
63) Azobenzene	10.486	77	1116910	39.916	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	198847	46.913	ng	80
66) n-Nitrosodiphenylamine	10.445	169	930172	41.007	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	305722	40.310	ng	94
68) Hexachlorobenzene	10.886	284	338193	43.517	ng	94
69) Atrazine	10.980	200	315464	48.265	ng	99
70) Pentachlorophenol	11.074	266	427562	77.249	ng	98
71) Phenanthrene	11.292	178	1560957	41.531	ng	99
72) Anthracene	11.345	178	1615981	42.012	ng	99
73) Carbazole	11.498	167	1493219	43.598	ng	99
74) Di-n-butylphthalate	11.839	149	1660463	42.841	ng	99
75) Fluoranthene	12.480	202	1607062	42.604	ng	99
77) Benzidine	12.604	184	909021	108.072	ng	# 93
78) Pyrene	12.710	202	1652170	38.748	ng	99
80) Butylbenzylphthalate	13.333	149	689537	45.673	ng	94
81) Benzo(a)anthracene	13.898	228	1435789	41.977	ng	99
82) 3,3'-Dichlorobenzidine	13.862	252	318520	33.709	ng	99
83) Chrysene	13.933	228	1406379	41.127	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	832950	43.956	ng	99
85) Di-n-octyl phthalate	14.509	149	1656076	53.597	ng	99
87) Indeno(1,2,3-cd)pyrene	16.721	276	1351984	46.483	ng	100
88) Benzo(b)fluoranthene	14.927	252	1461794	44.936	ng	99
89) Benzo(k)fluoranthene	14.957	252	1313595	40.735	ng	99
90) Benzo(a)pyrene	15.274	252	1184816	40.015	ng	100
91) Dibenzo(a,h)anthracene	16.739	278	1127716	46.487	ng	99
92) Benzo(g,h,i)perylene	17.139	276	1110790	46.380	ng	99

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

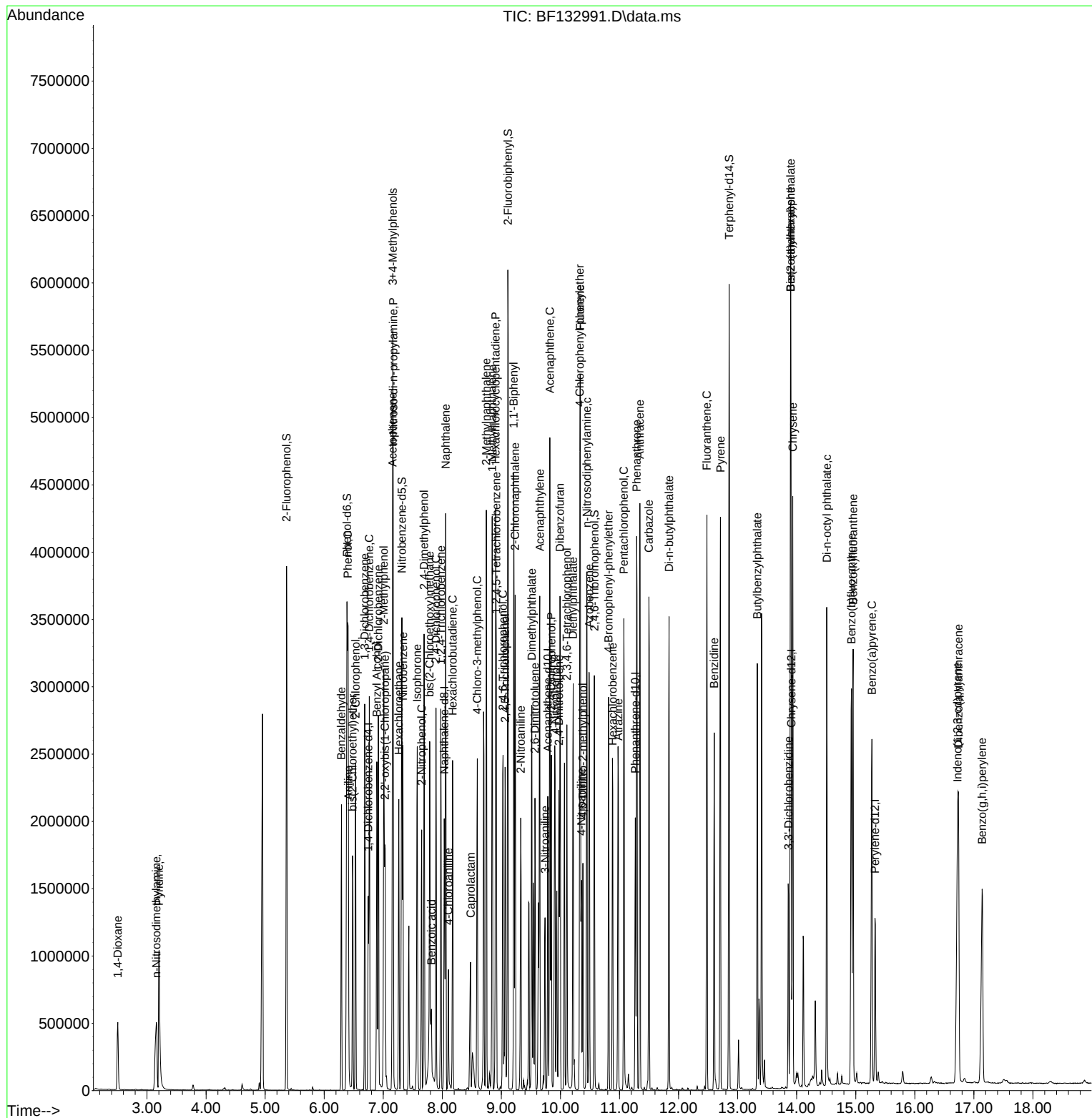
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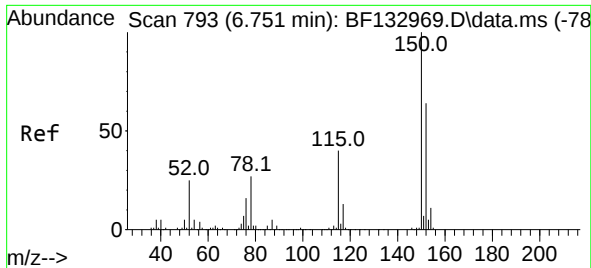
Instrument :
BNA_F
ClientSampleId :
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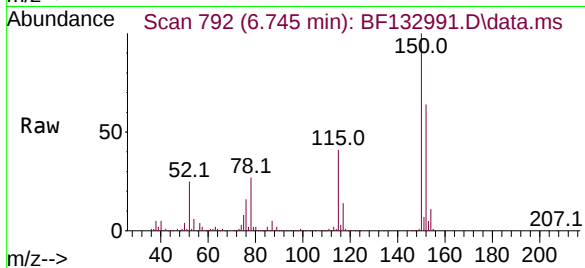
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

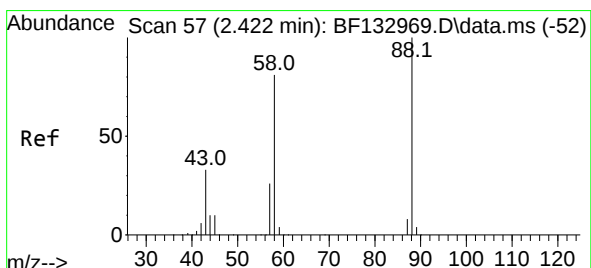
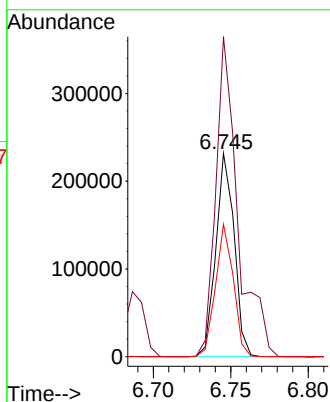
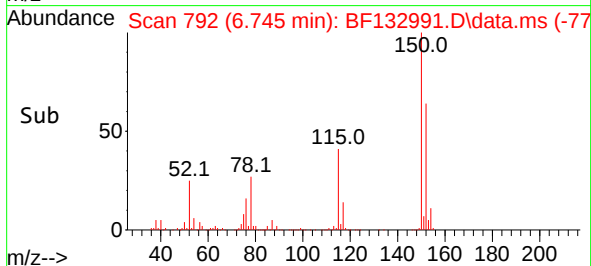
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:152 Resp: 19051
Ion Ratio Lower Upper
152 100
150 157.4 124.8 187.2
115 65.1 49.9 74.9

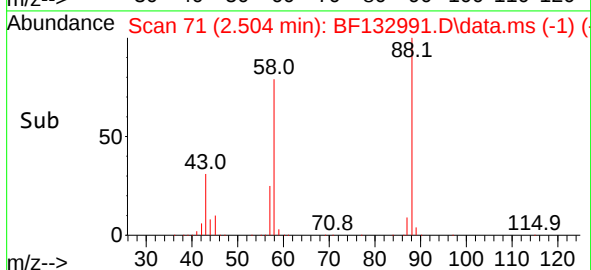
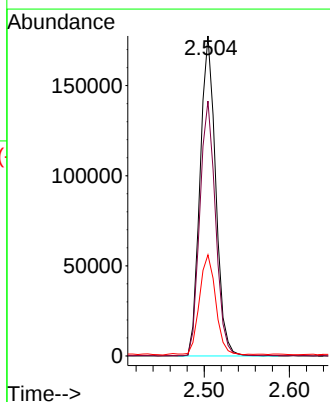
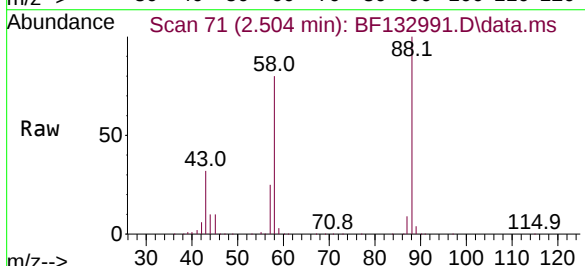
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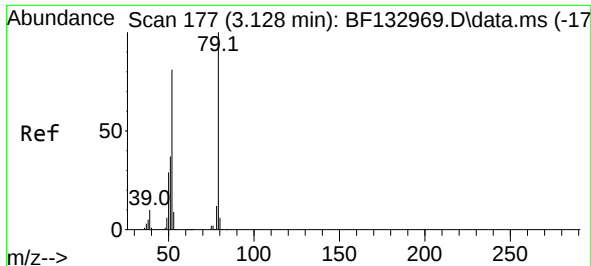
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#2
1,4-Dioxane
Concen: 38.619 ng
RT: 2.504 min Scan# 71
Delta R.T. 0.082 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

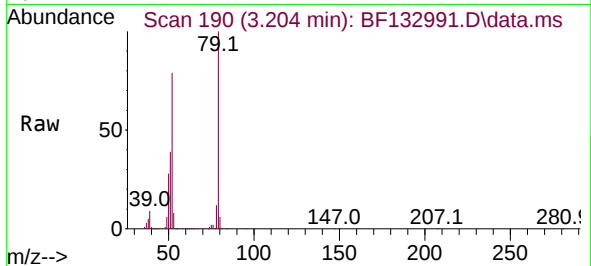
Tgt Ion: 88 Resp: 225912
Ion Ratio Lower Upper
88 100
58 80.5 64.7 97.1
43 32.0 26.2 39.2





#3
Pyridine
Concen: 37.628 ng
RT: 3.204 min Scan# 190
Delta R.T. 0.076 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

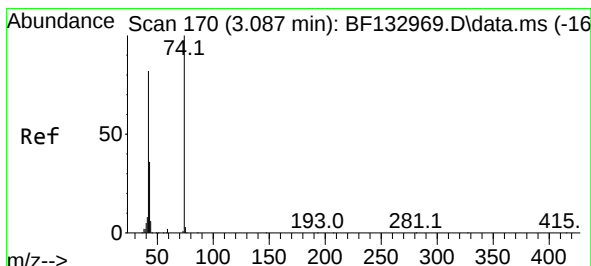
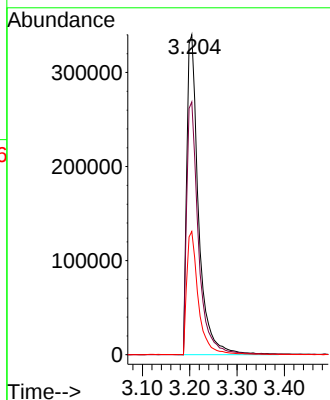
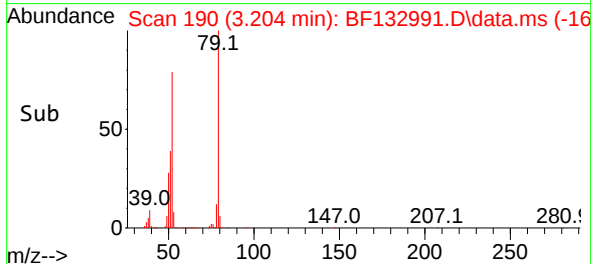
Instrument :
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ClientSampleId :
PB152338BSD



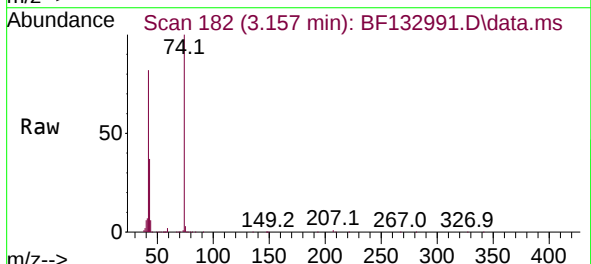
Tgt Ion: 79 Resp: 58462
Ion Ratio Lower Upper
79 100
52 79.0 64.6 96.8
51 38.5 30.0 45.0

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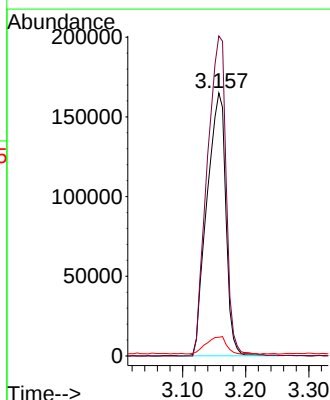
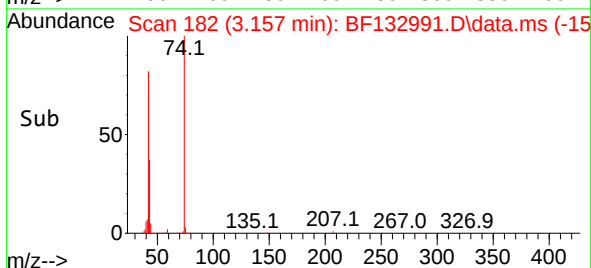
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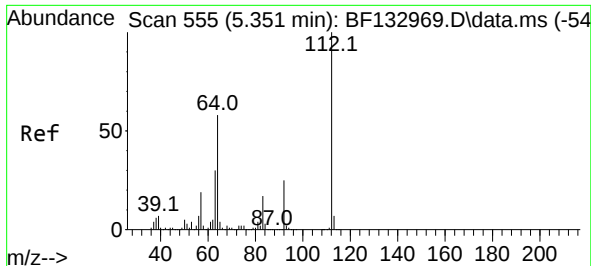


#4
n-Nitrosodimethylamine
Concen: 42.433 ng
RT: 3.157 min Scan# 182
Delta R.T. 0.070 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



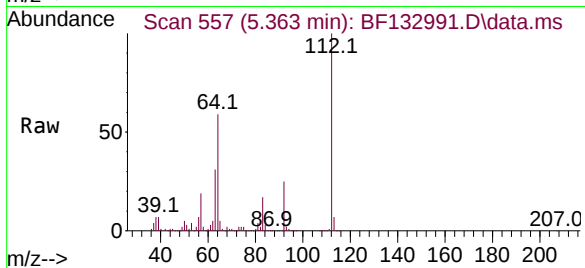
Tgt Ion: 42 Resp: 341483
Ion Ratio Lower Upper
42 100
74 121.7 98.0 147.0
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 88.844 ng
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

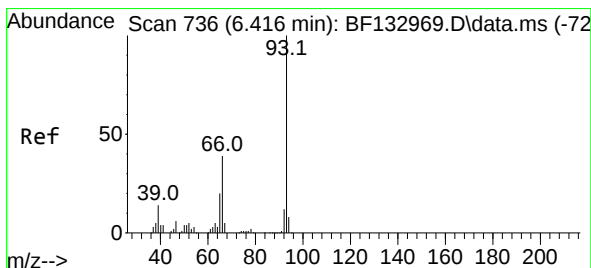
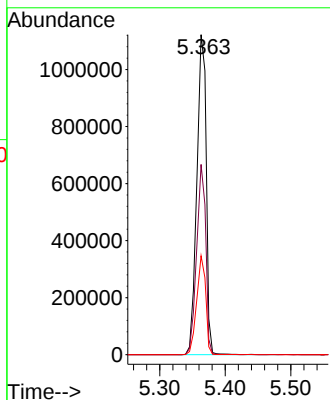
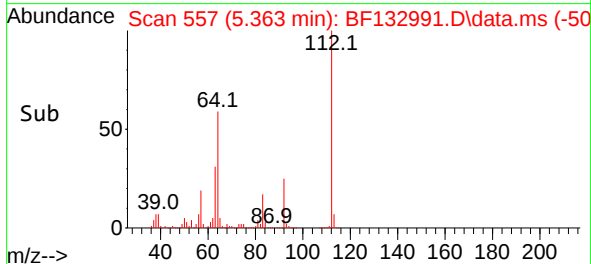
Instrument :
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Tgt Ion: 112 Resp: 1120470
Ion Ratio Lower Upper
112 100
64 59.4 46.8 70.2
63 30.9 23.8 35.8

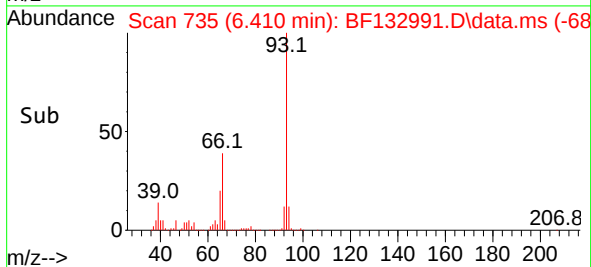
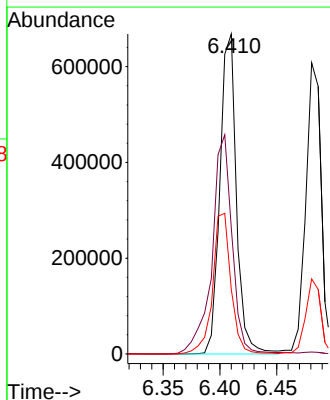
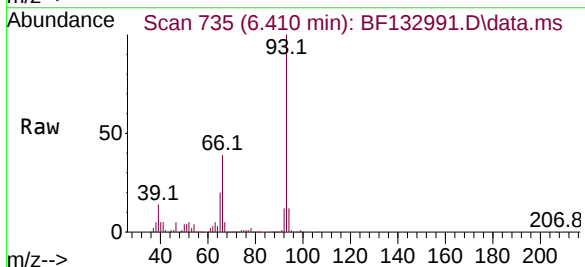
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#6
Aniline
Concen: 33.604 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion: 93 Resp: 677513
Ion Ratio Lower Upper
93 100
66 39.3 31.5 47.3
65 20.1 16.4 24.6





#7

Phenol-d6

Concen: 87.380 ng

RT: 6.386 min Scan# 731

Delta R.T. -0.000 min

Lab File: BF132991.D

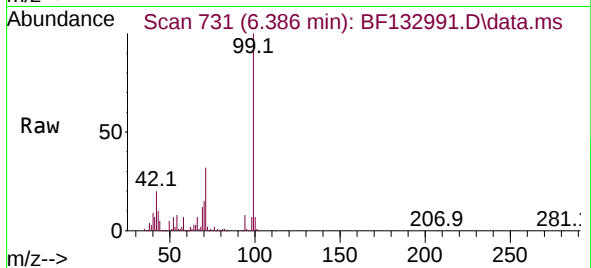
Acq: 24 Apr 2023 12:58

Instrument :

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ClientSampleId :

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Tgt Ion: 99 Resp: 1367818

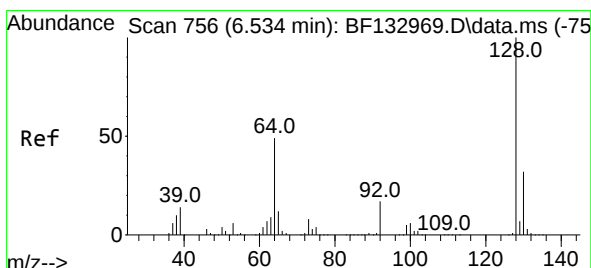
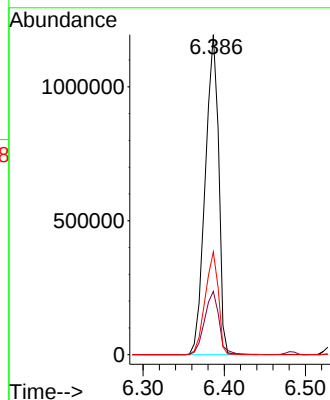
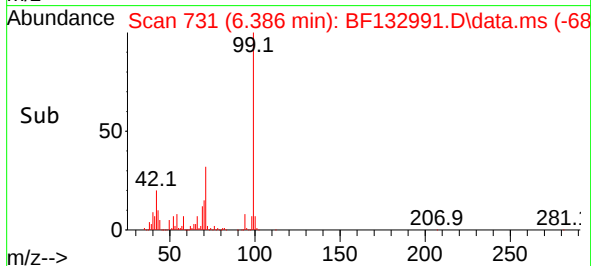
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.3	24.5
71	32.2	25.6	38.4

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#8

2-Chlorophenol

Concen: 46.552 ng

RT: 6.534 min Scan# 756

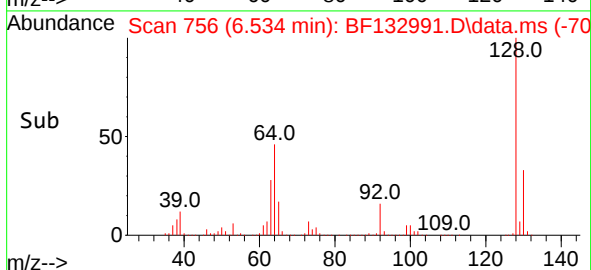
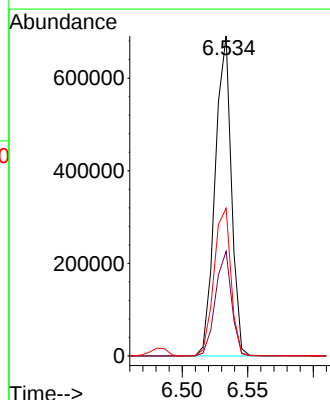
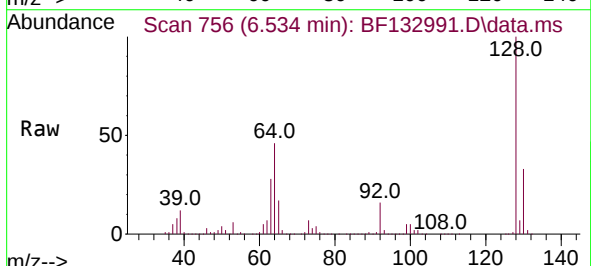
Delta R.T. -0.000 min

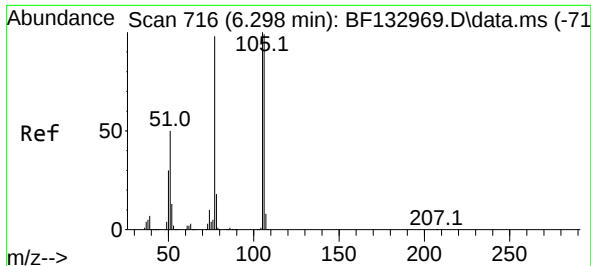
Lab File: BF132991.D

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Tgt Ion:128 Resp: 596094

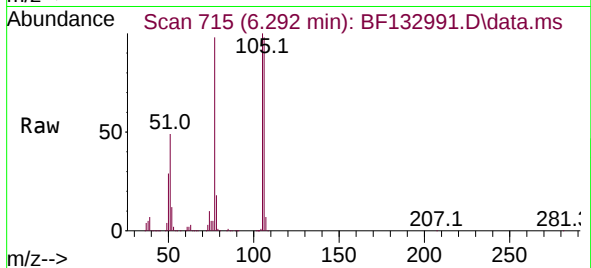
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	46.1	30.3	70.3





#9
Benzaldehyde
Concen: 55.501 ng
RT: 6.292 min Scan# 716
Delta R.T. -0.006 min
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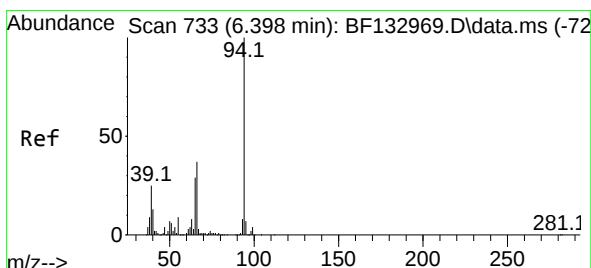
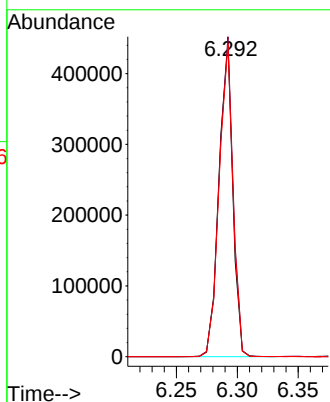
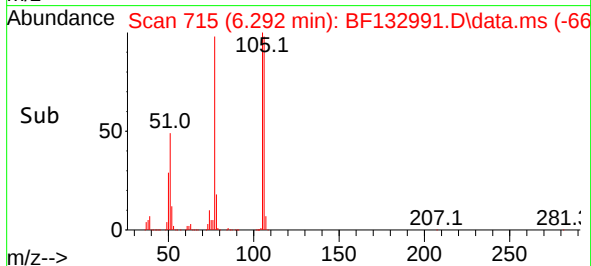
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Tgt Ion: 77 Resp: 35187
Ion Ratio Lower Upper
77 100
105 101.8 82.3 122.3
106 99.6 80.8 120.8

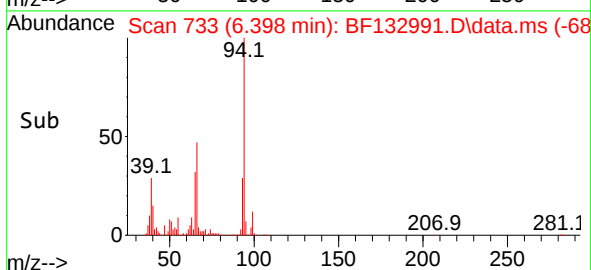
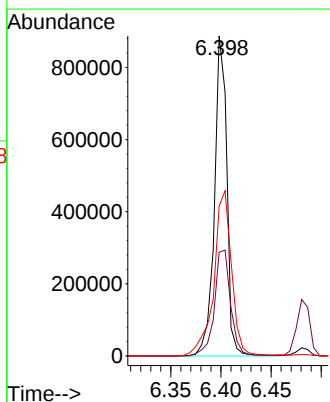
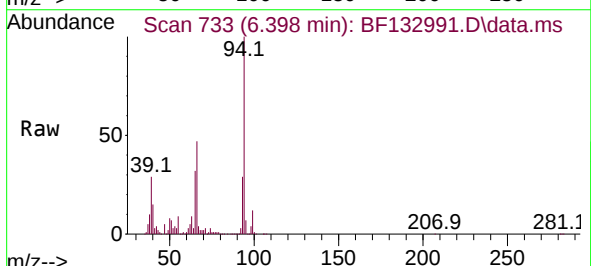
Manual Integrations
APPROVED

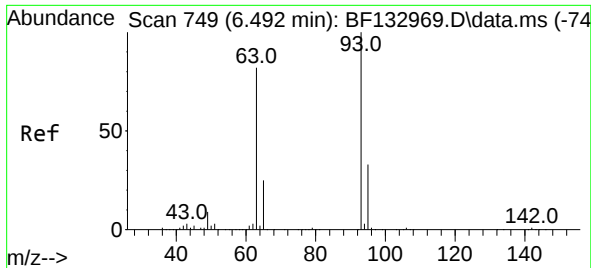
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#10
Phenol
Concen: 44.141 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion: 94 Resp: 762266
Ion Ratio Lower Upper
94 100
65 32.4 8.6 48.6
66 46.9 17.3 57.3





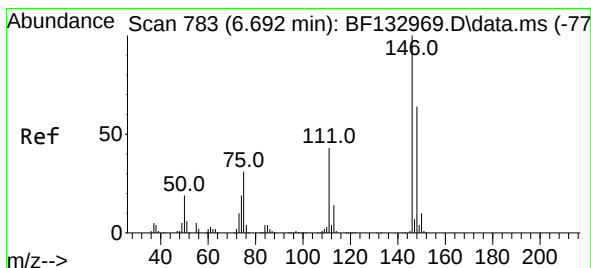
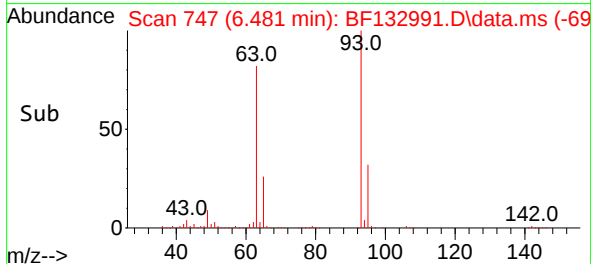
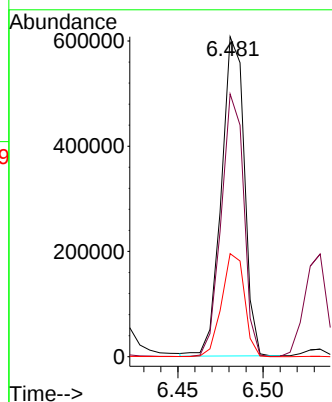
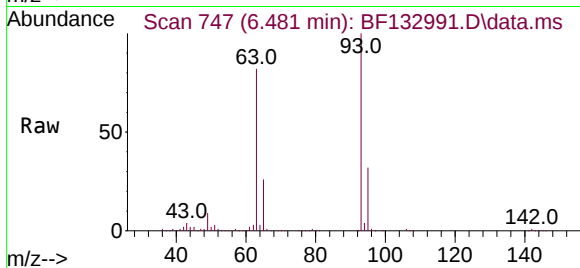
#11
bis(2-Chloroethyl)ether
Concen: 43.902 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion: 93 Resp: 568909
Ion Ratio Lower Upper
93 100
63 82.1 60.6 100.6
95 32.2 12.9 52.9

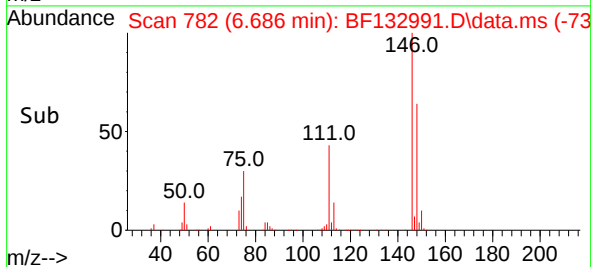
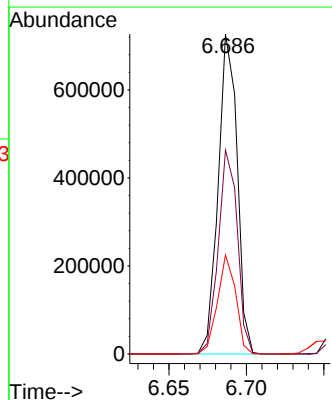
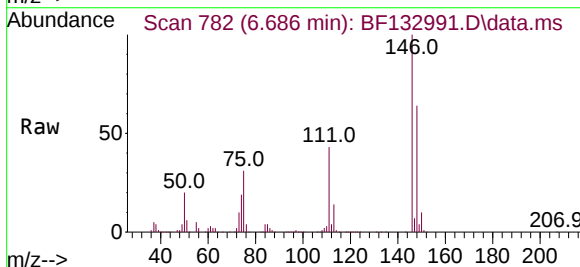
Manual Integrations
APPROVED

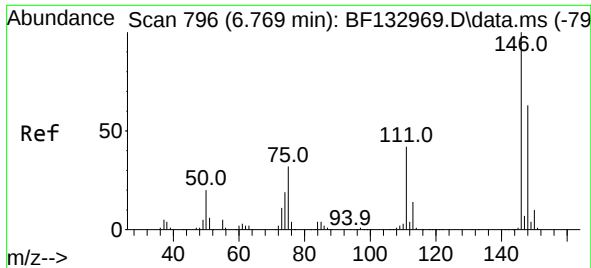
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#12
1,3-Dichlorobenzene
Concen: 45.537 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:146 Resp: 619943
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 30.9 24.8 37.2





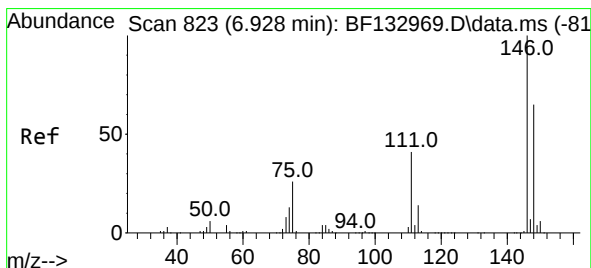
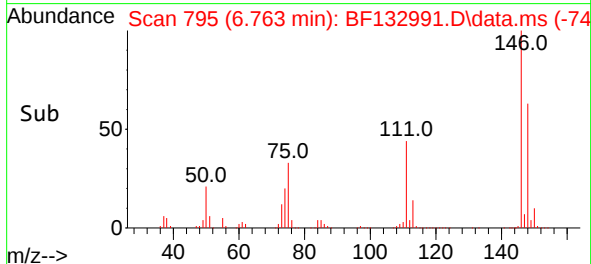
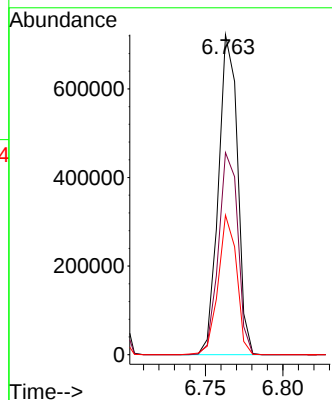
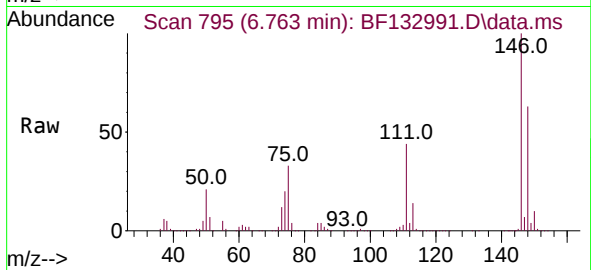
#13
1,4-Dichlorobenzene
Concen: 45.335 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion:146 Resp: 618560
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
111 43.6 33.8 50.6

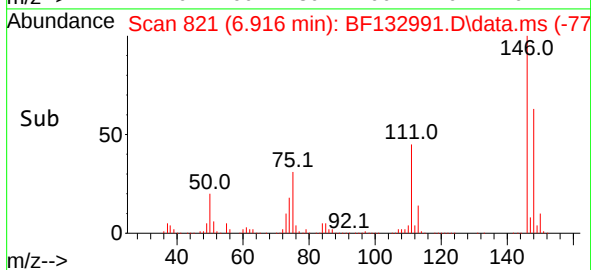
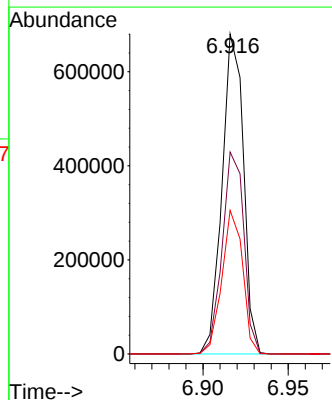
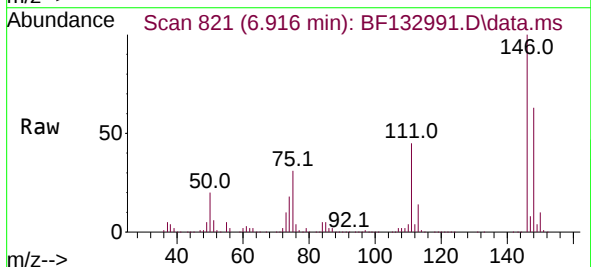
Manual Integrations
APPROVED

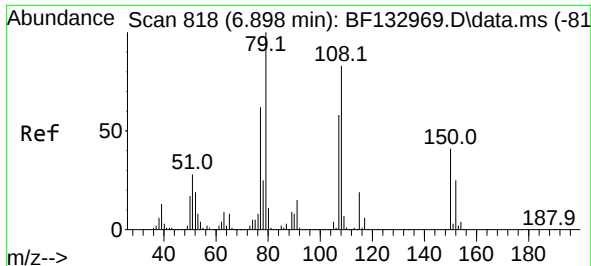
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#14
1,2-Dichlorobenzene
Concen: 47.356 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

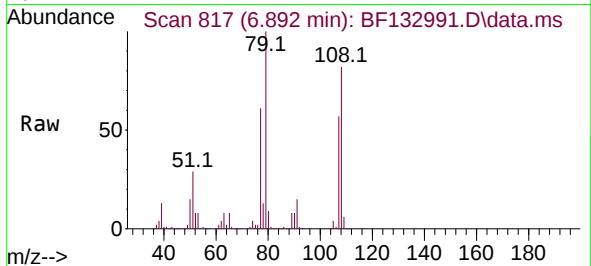
Tgt Ion:146 Resp: 595693
Ion Ratio Lower Upper
146 100
148 63.1 52.2 78.2
111 44.8 32.8 49.2





#15
Benzyl Alcohol
Concen: 45.873 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

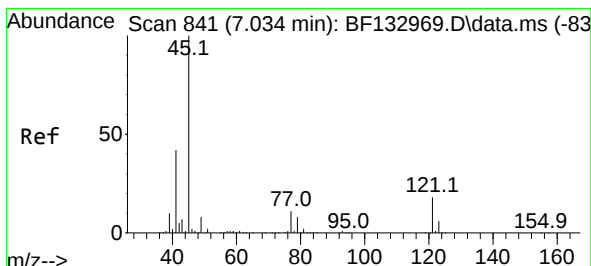
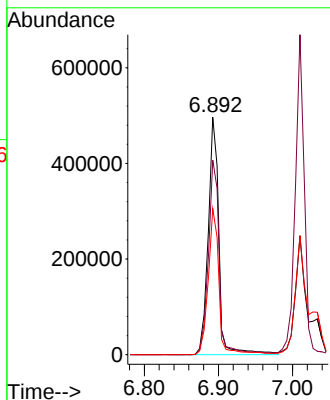
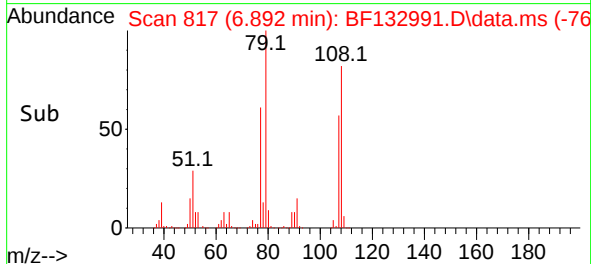
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion: 79 Resp: 496024
Ion Ratio Lower Upper
79 100
108 81.9 66.6 99.8
77 61.5 49.2 73.8

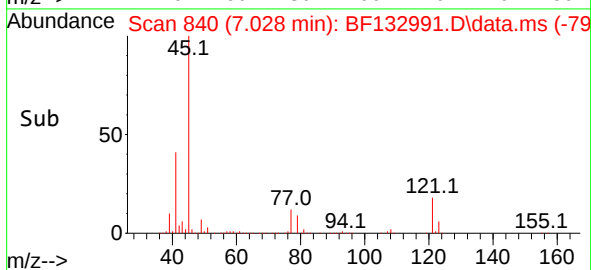
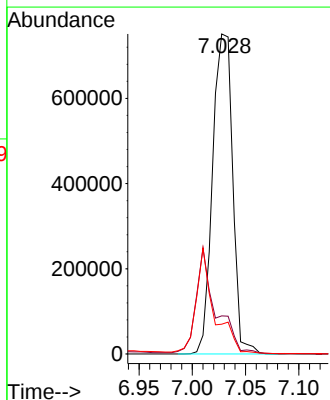
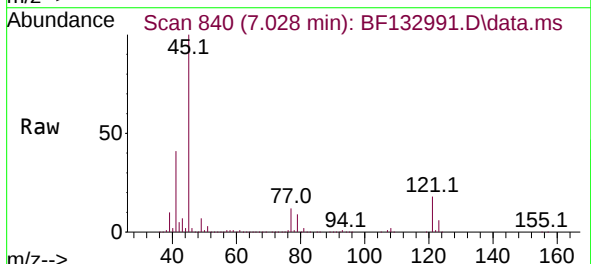
Manual Integrations
APPROVED

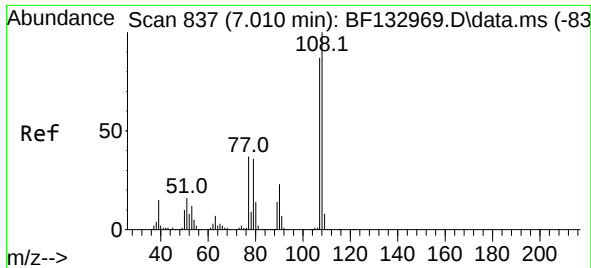
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.584 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

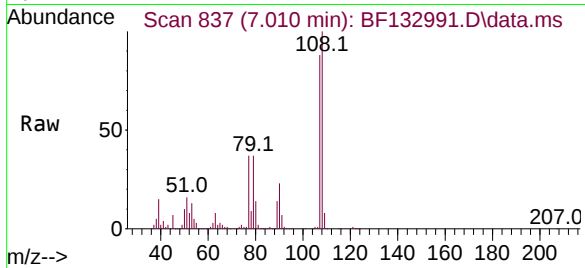
Tgt Ion: 45 Resp: 980972
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.5
79 9.3 0.0 28.7





#17
2-Methylphenol
Concen: 42.056 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

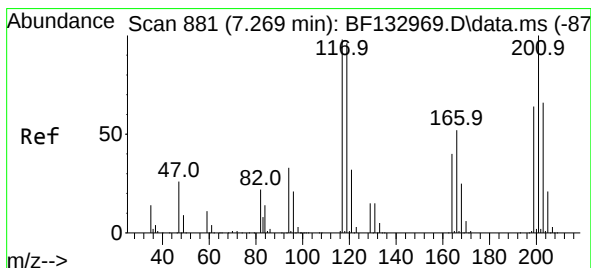
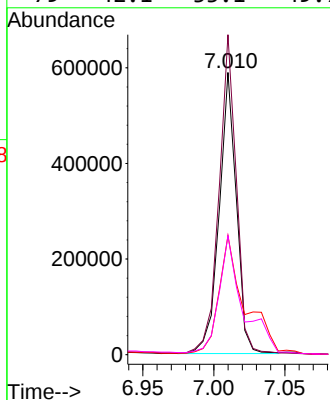
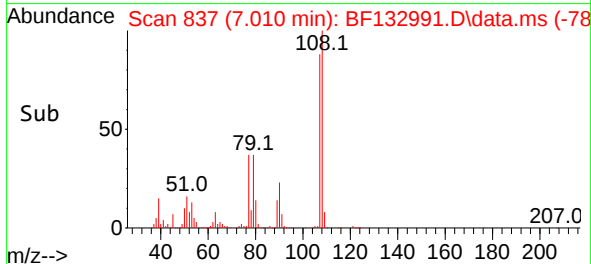
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



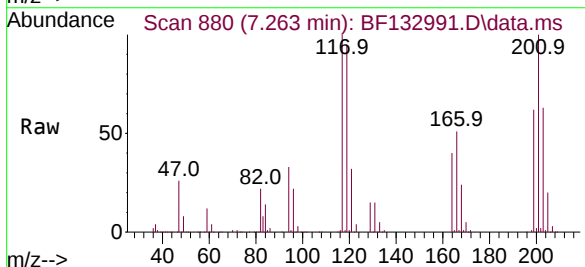
Tgt Ion:107 Resp: 49311
Ion Ratio Lower Upper
107 100
108 113.4 92.4 138.6
77 42.2 33.8 50.8
79 42.1 33.1 49.7

Manual Integrations
APPROVED

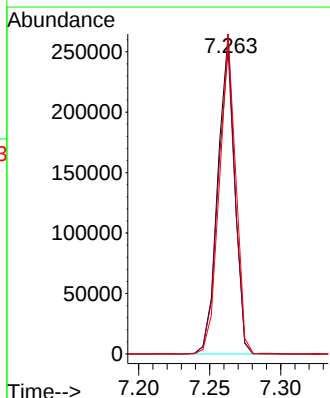
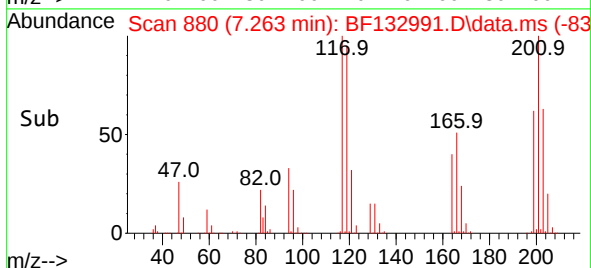
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

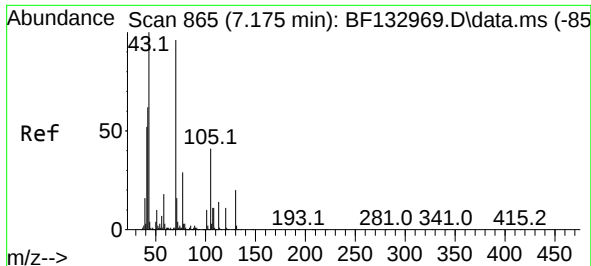


#18
Hexachloroethane
Concen: 45.627 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



Tgt Ion:117 Resp: 216440
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.4
201 100.0 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.970 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

Tgt Ion: 70 Resp: 39926

Ion Ratio Lower Upper

70 100

42 64.7 51.8 77.6

101 9.5 8.0 12.0

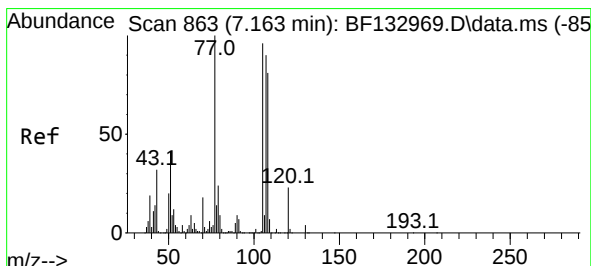
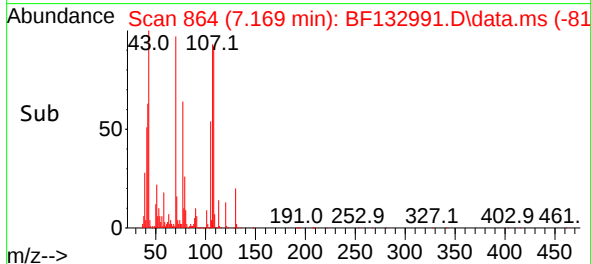
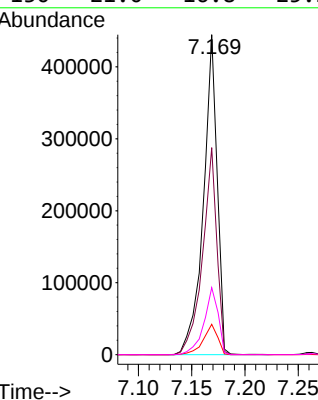
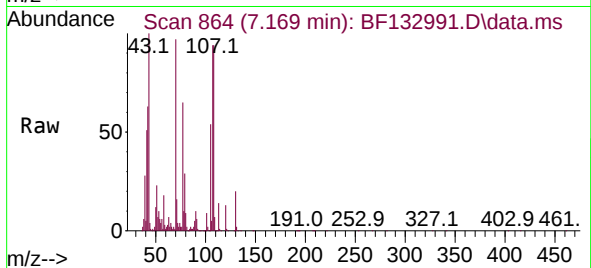
130 21.0 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#20

3+4-Methylphenols

Concen: 42.476 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Tgt Ion:107 Resp: 586521

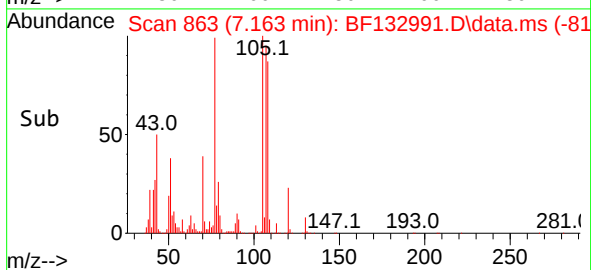
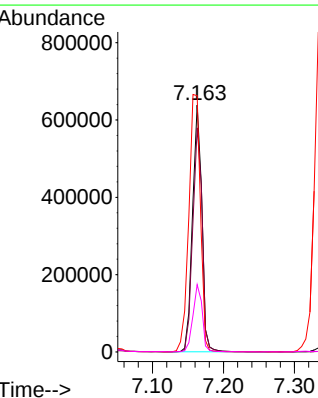
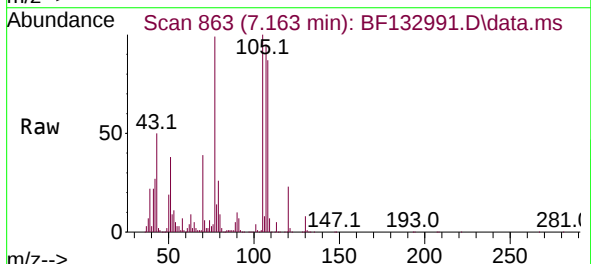
Ion Ratio Lower Upper

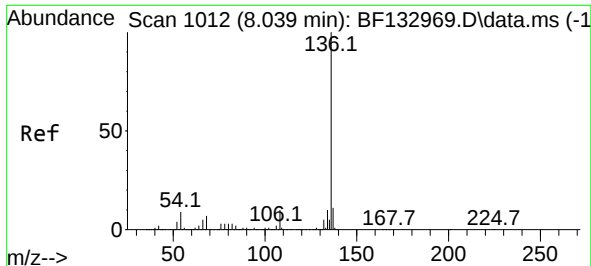
107 100

108 90.8 70.5 110.5

77 103.8 91.7 131.7

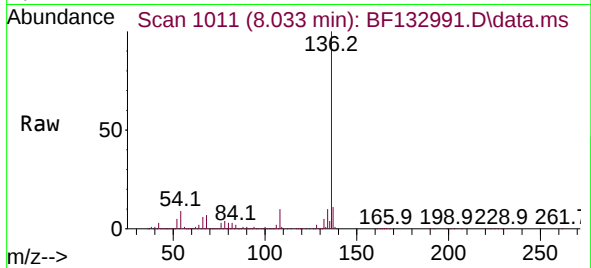
79 27.3 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

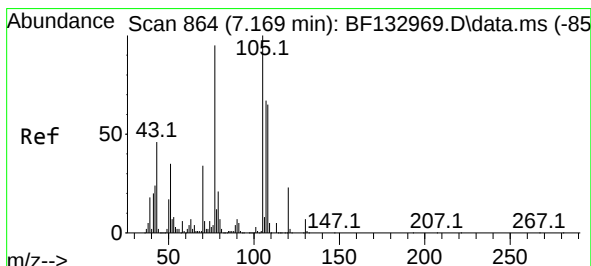
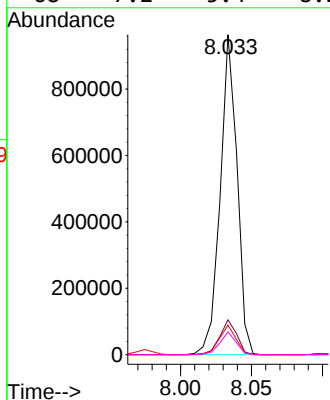
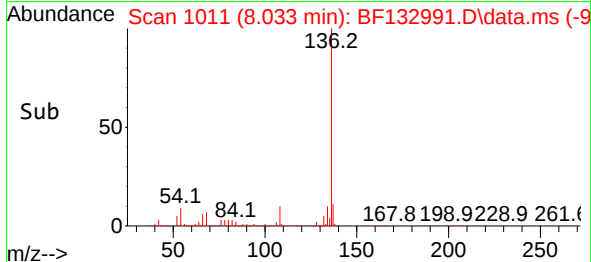
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:	136	Resp:	79436
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.3	7.0	10.4
68	7.2	5.4	8.2

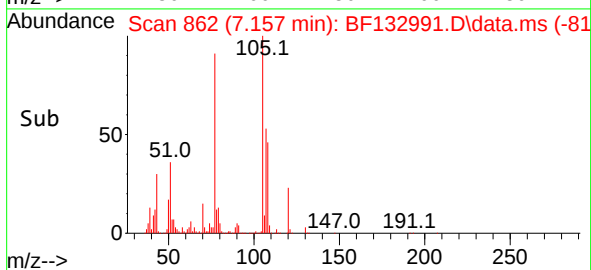
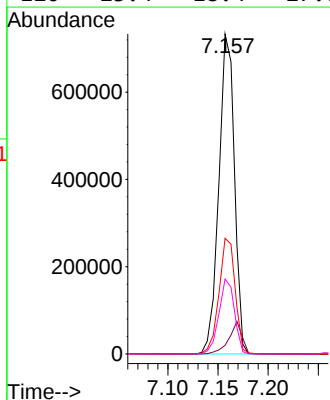
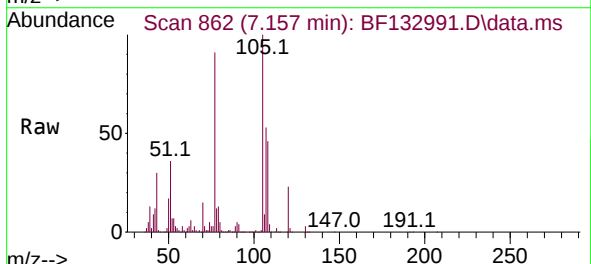
Manual Integrations
APPROVED

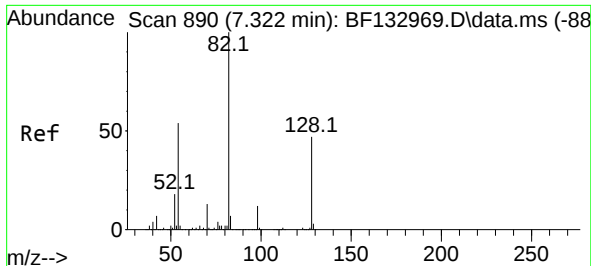
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#22
Acetophenone
Concen: 42.969 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:	105	Resp:	790674
Ion Ratio	Lower	Upper	
105	100		
71	2.7	4.6	7.0#
51	36.1	28.2	42.2
120	23.4	18.4	27.6





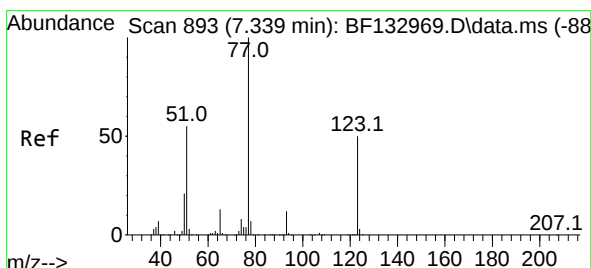
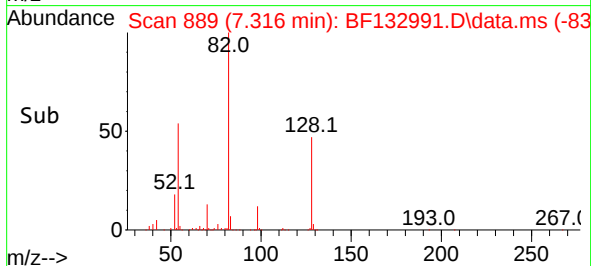
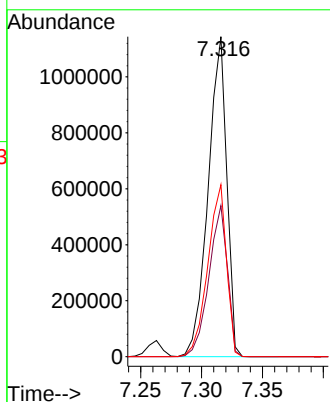
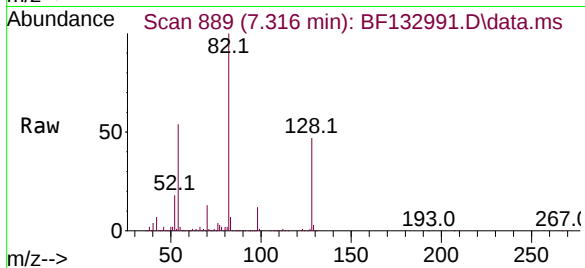
#23
Nitrobenzene-d5
Concen: 82.274 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion: 82 Resp: 121080
Ion Ratio Lower Upper
82 100
128 47.2 37.7 56.5
54 53.8 43.0 64.4

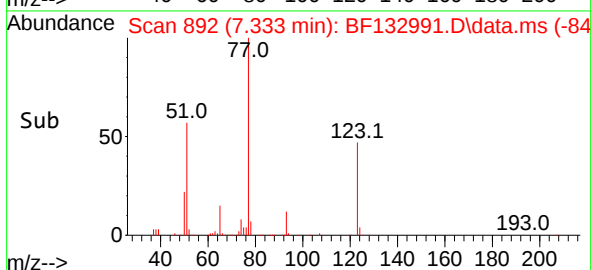
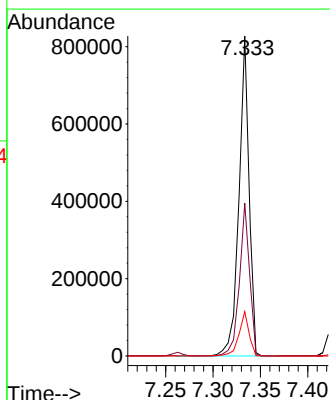
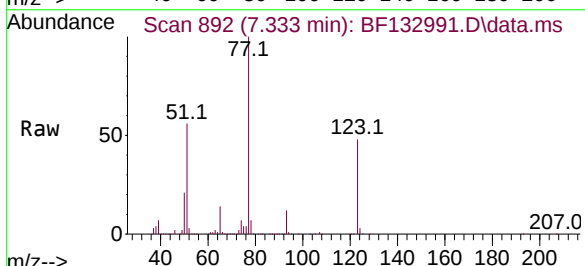
Manual Integrations
APPROVED

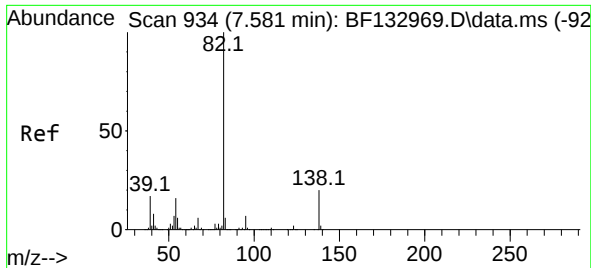
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#24
Nitrobenzene
Concen: 41.108 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

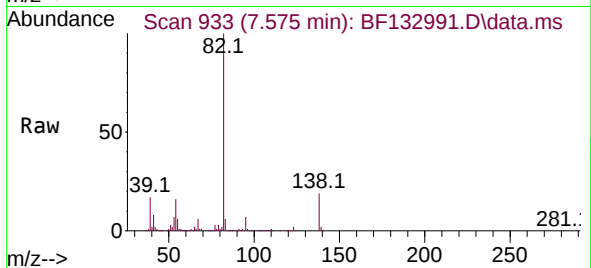
Tgt Ion: 77 Resp: 613041
Ion Ratio Lower Upper
77 100
123 47.7 39.9 59.9
65 13.9 10.7 16.1





#25
Isophorone
Concen: 40.428 ng
RT: 7.575 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

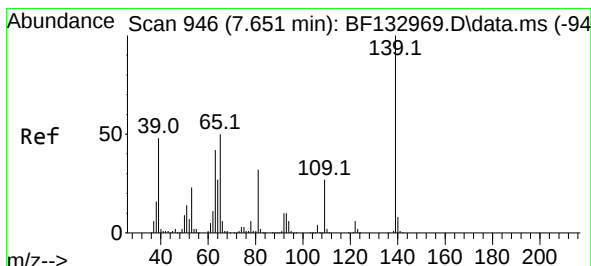
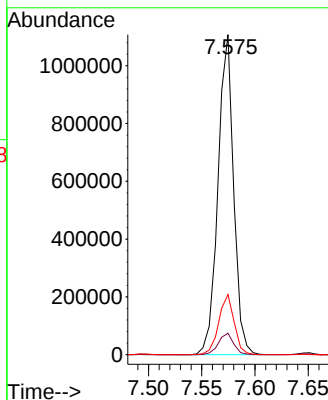
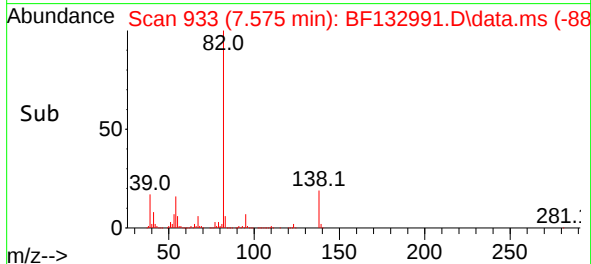
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion: 82 Resp: 1129639
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.8 16.0 24.0

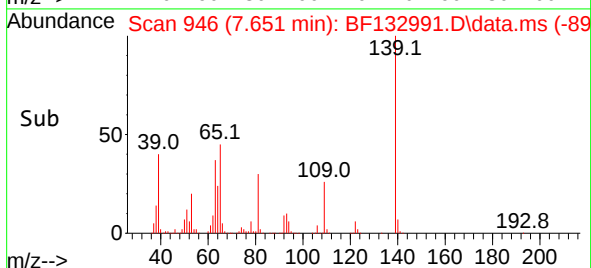
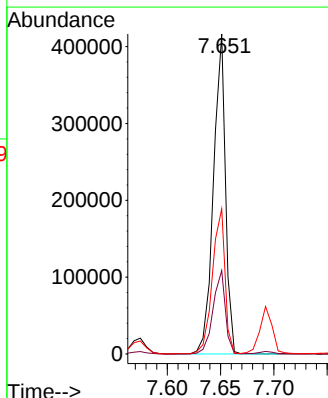
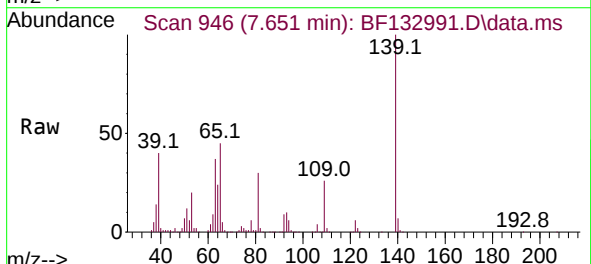
Manual Integrations
APPROVED

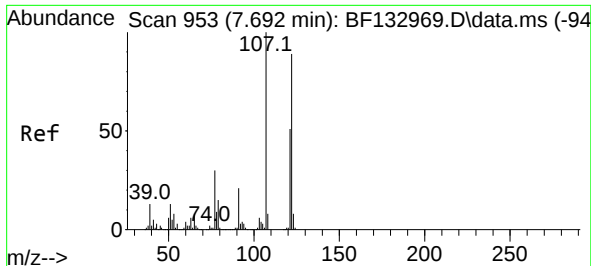
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#26
2-Nitrophenol
Concen: 45.634 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:139 Resp: 328241
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 45.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.076 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132991.D

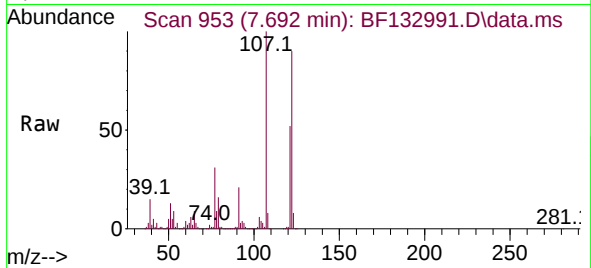
Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD



Tgt Ion:122 Resp: 54363

Ion Ratio Lower Upper

122 100

107 111.1 89.7 134.5

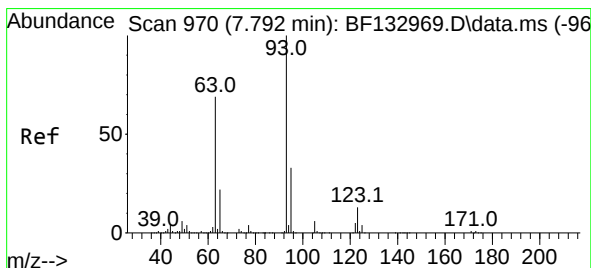
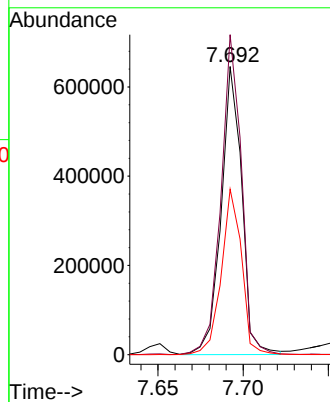
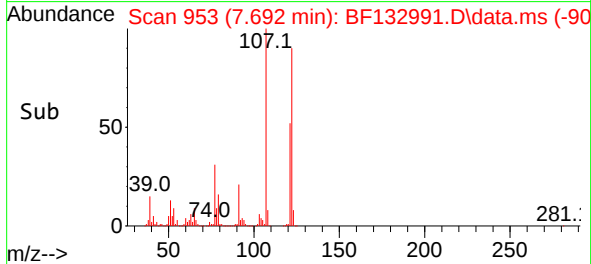
121 57.4 46.0 69.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.227 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

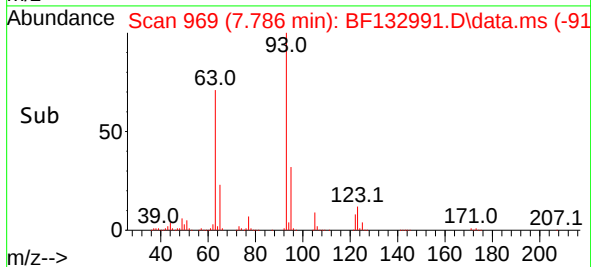
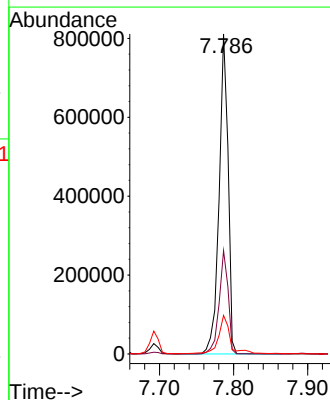
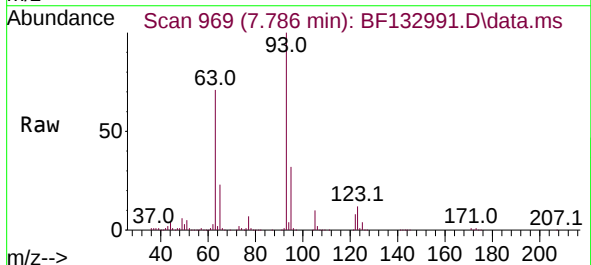
Tgt Ion: 93 Resp: 681496

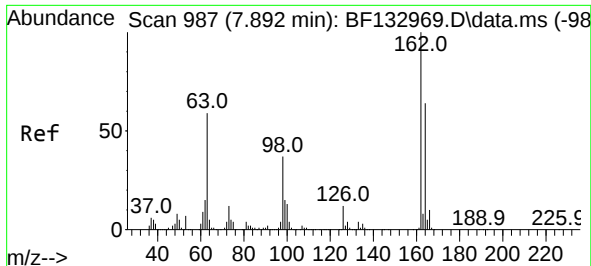
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 12.0 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 42.753 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

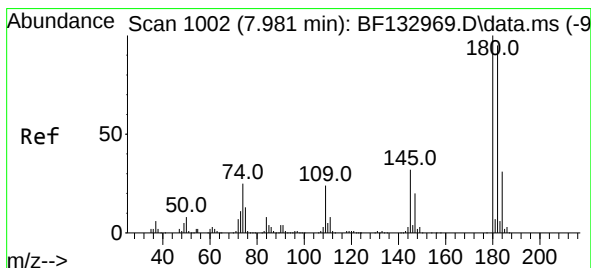
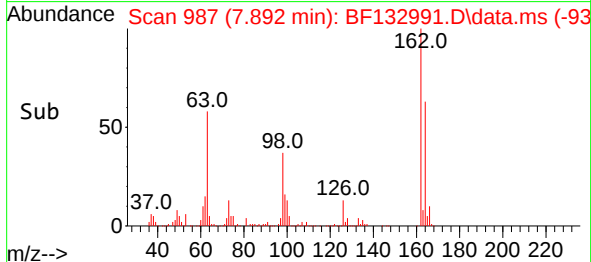
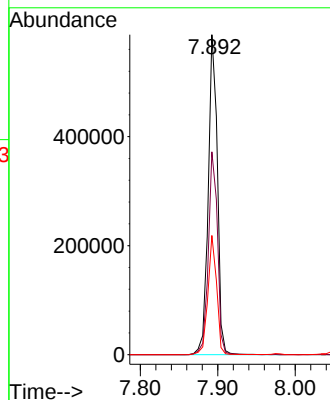
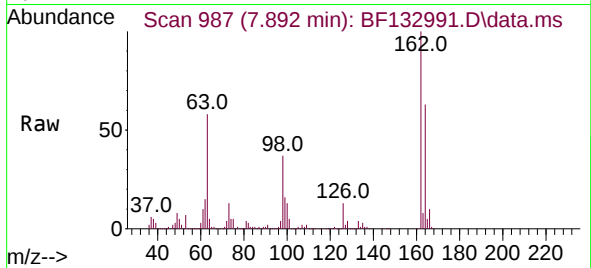
Tgt Ion:	162	Resp:	480030
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.9	83.9
98	37.3	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.991 ng

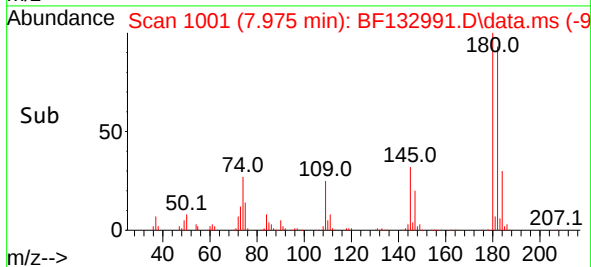
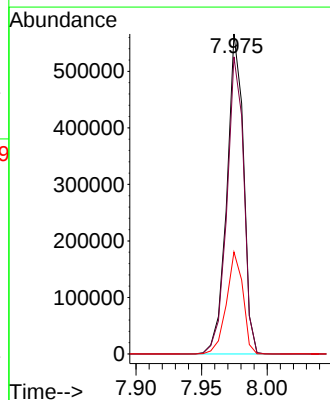
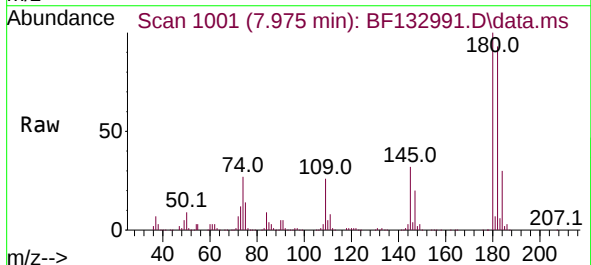
RT: 7.975 min Scan# 1001

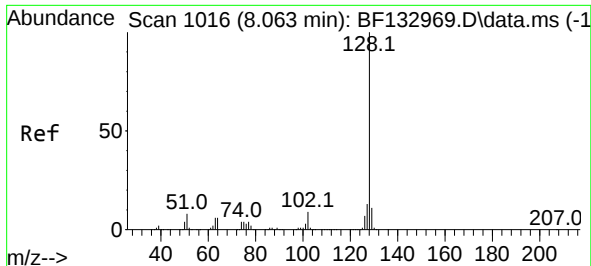
Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

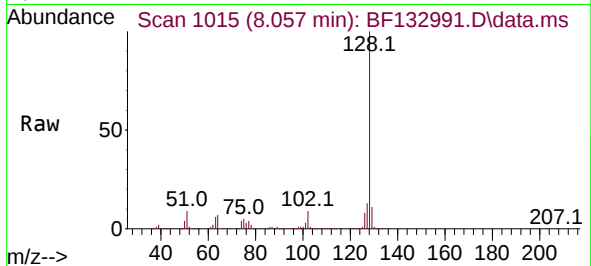
Tgt Ion:	180	Resp:	500080
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.9	113.9
145	31.8	25.3	37.9





#31
Naphthalene
Concen: 41.582 ng
RT: 8.057 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

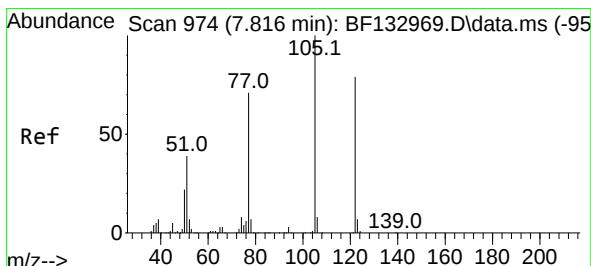
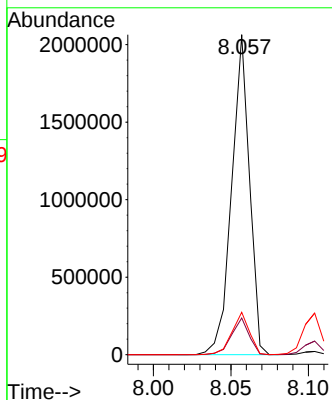
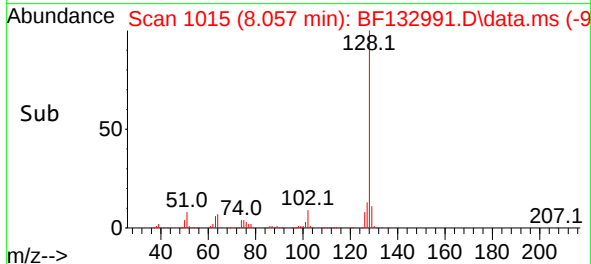
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:128 Resp: 1651454
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.7 16.1

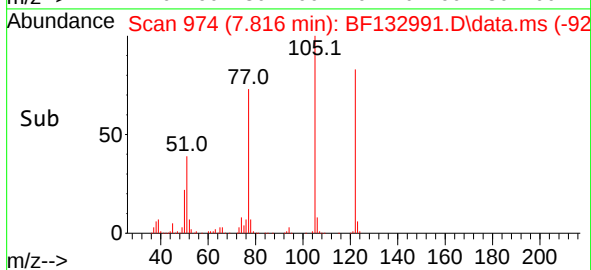
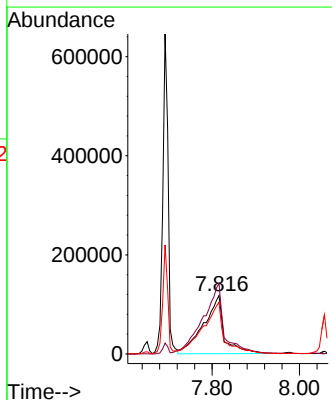
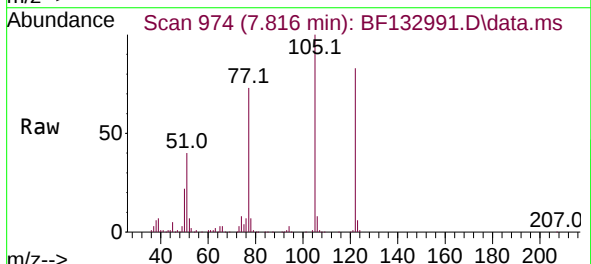
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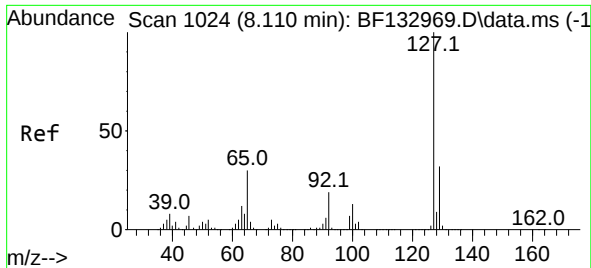
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#32
Benzoic acid
Concen: 50.549 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:122 Resp: 385114
Ion Ratio Lower Upper
122 100
105 121.0 104.2 144.2
77 88.4 69.7 109.7





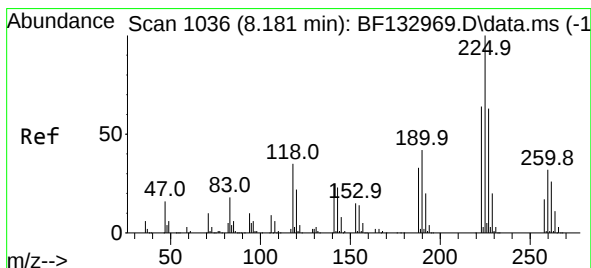
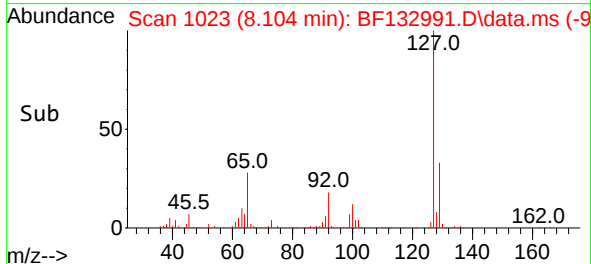
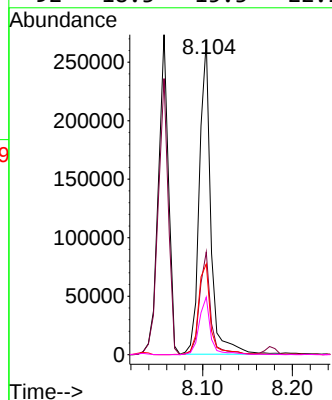
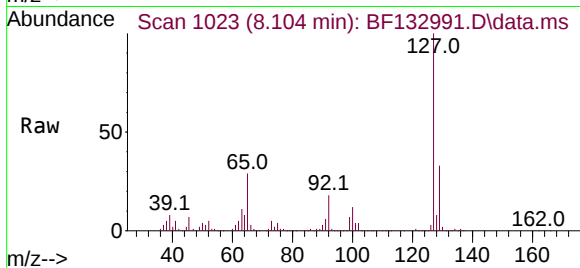
#33
4-Chloroaniline
Concen: 14.719 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion:127 Resp: 236198
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 28.9 23.6 35.4
92 18.3 15.3 22.9

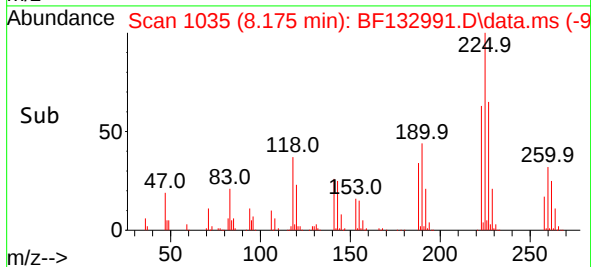
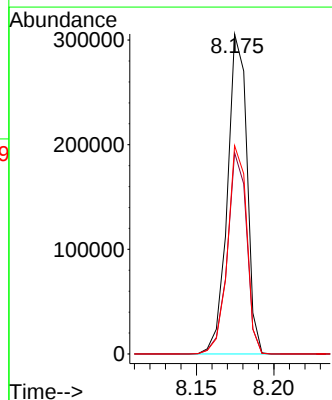
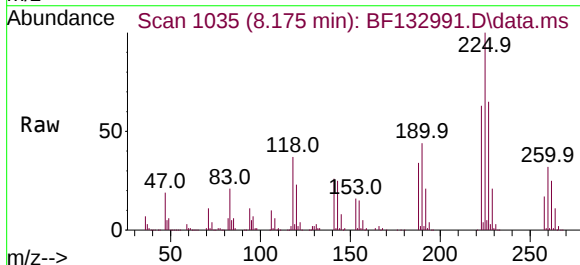
Manual Integrations
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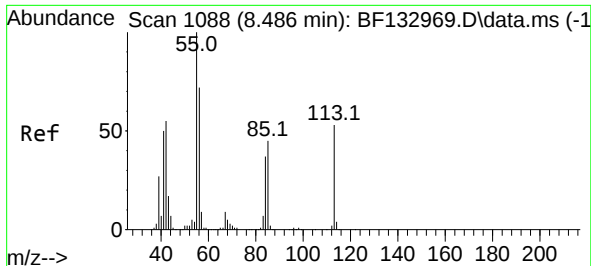
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#34
Hexachlorobutadiene
Concen: 41.488 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

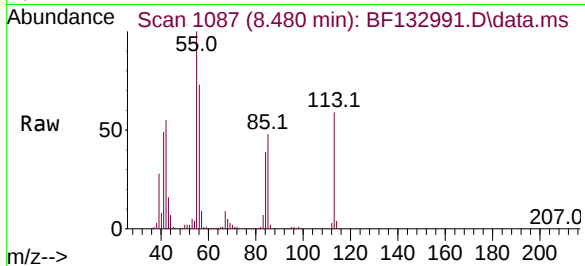
Tgt Ion:225 Resp: 267477
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 65.1 50.3 75.5





#35
 Caprolactam
 Concen: 45.542 ng m
 RT: 8.480 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: BF132991.D
 Acq: 24 Apr 2023 12:58

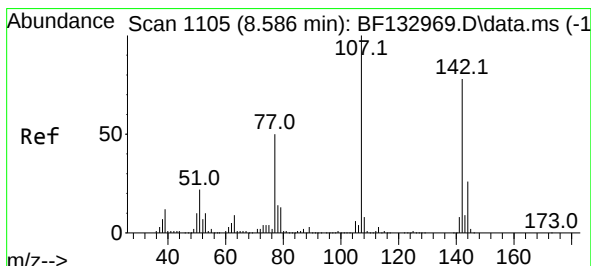
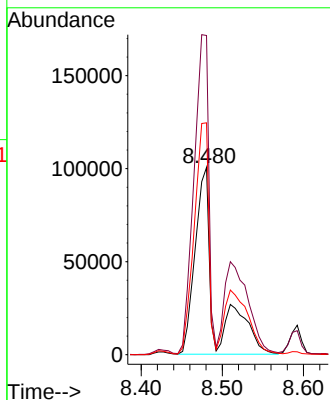
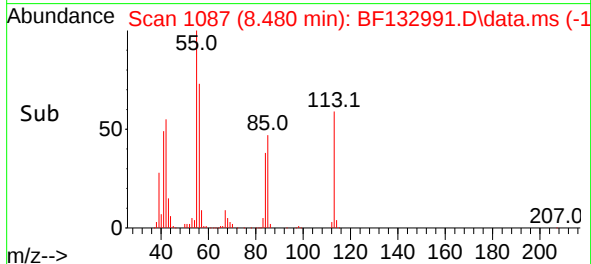
Instrument :
 BNA_F
 ClientSampleId :
 PB152338BSD



Tgt Ion:113 Resp: 17178
 Ion Ratio Lower Upper
 113 100
 55 170.5 167.1 207.1
 56 123.8 114.5 154.5

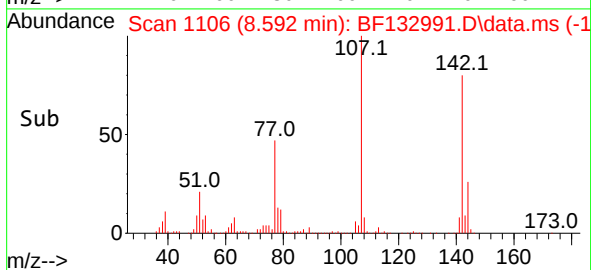
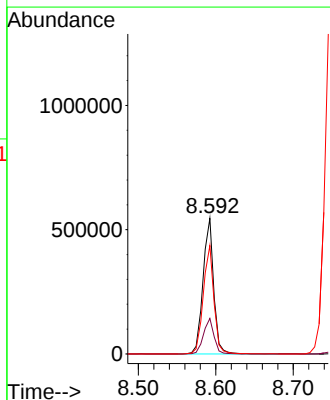
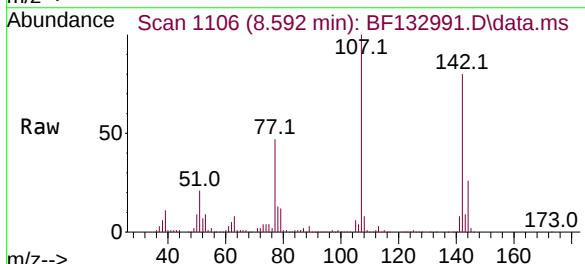
Manual Integrations
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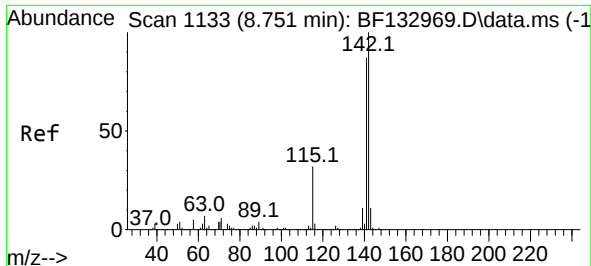
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.090 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF132991.D
 Acq: 24 Apr 2023 12:58

Tgt Ion:107 Resp: 521735
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 80.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.616 ng

RT: 8.745 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

Tgt Ion:142 Resp: 107569

Ion Ratio Lower Upper

142 100

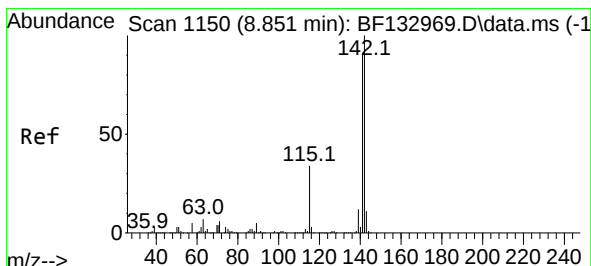
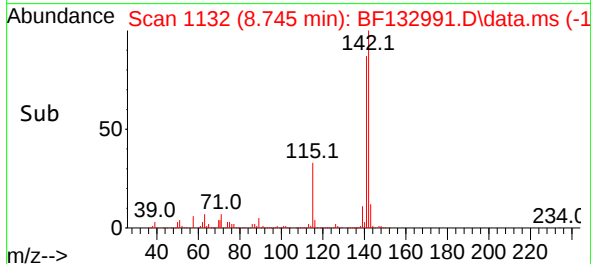
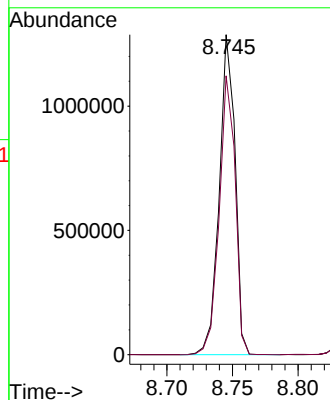
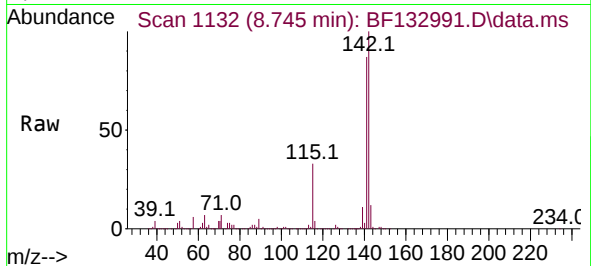
141 87.2 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#38

1-Methylnaphthalene

Concen: 39.744 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF132991.D

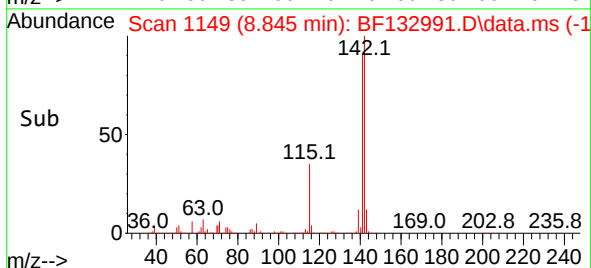
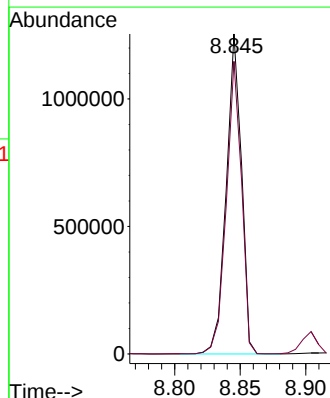
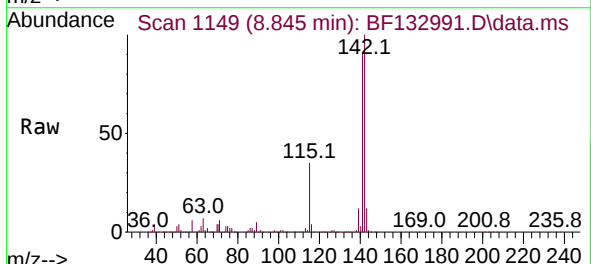
Acq: 24 Apr 2023 12:58

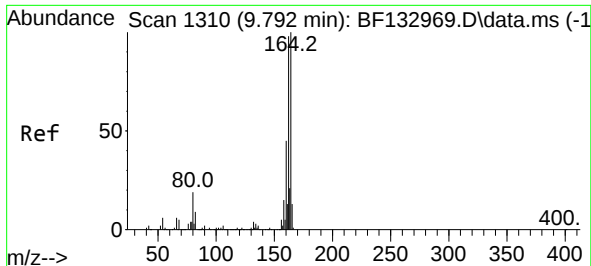
Tgt Ion:142 Resp: 1009528

Ion Ratio Lower Upper

142 100

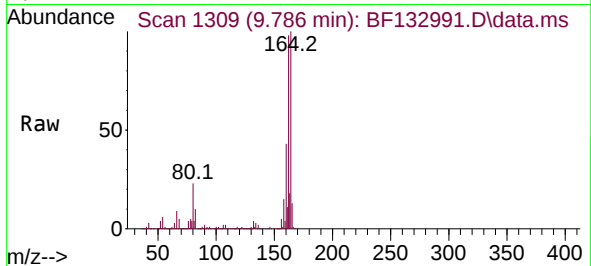
141 91.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 11309
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

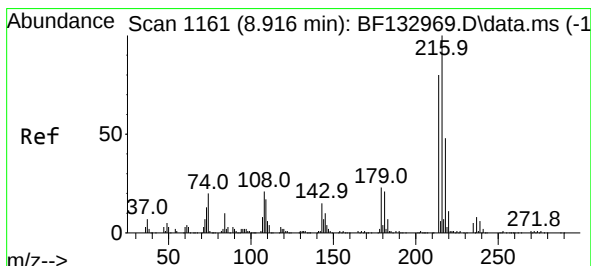
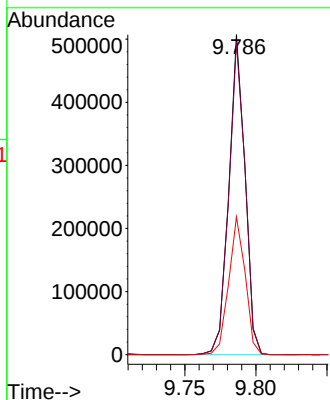
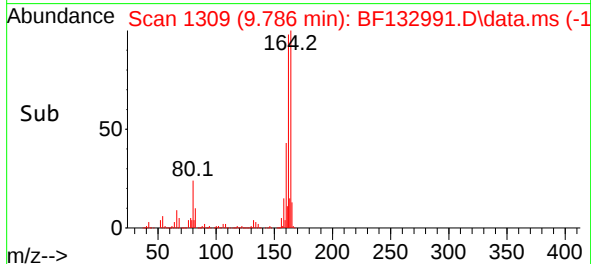
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:164 Resp: 401049
Ion Ratio Lower Upper
164 100
162 97.7 78.7 118.1
160 43.1 35.8 53.6

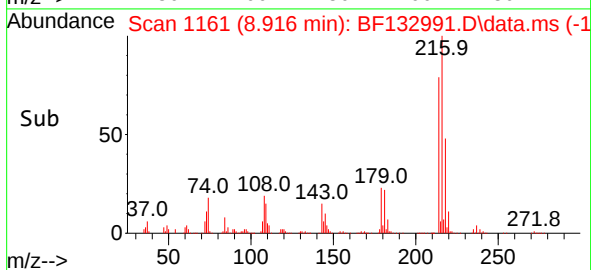
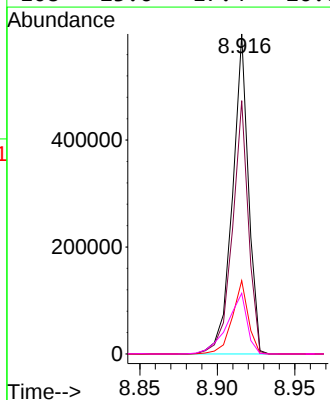
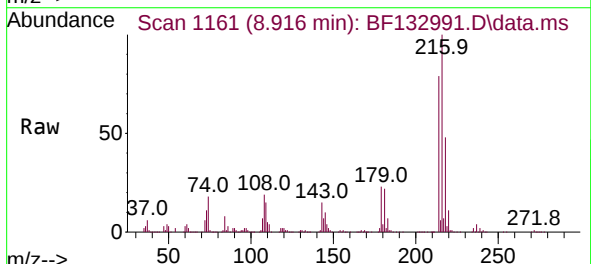
Manual Integrations
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Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.011 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

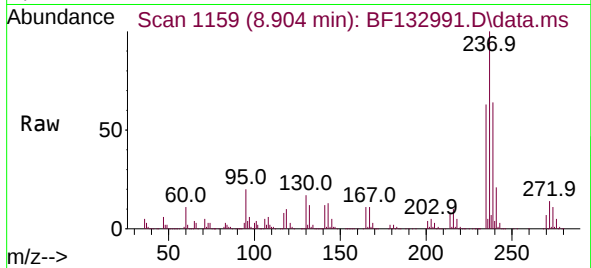
Tgt Ion:216 Resp: 431432
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 22.6 17.4 26.2
108 23.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 95.265 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

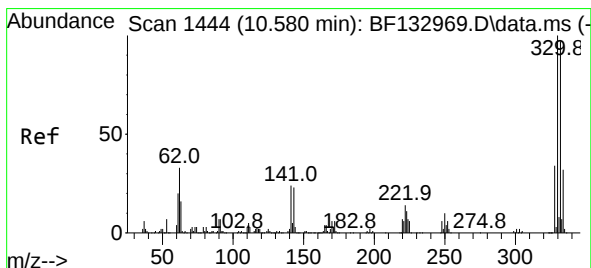
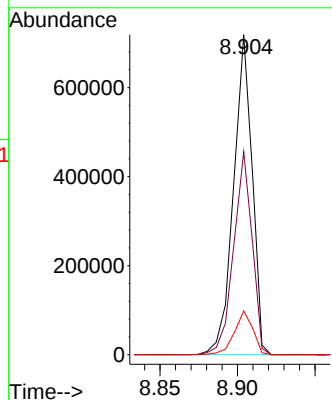
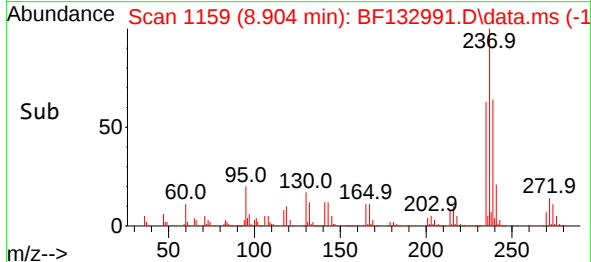
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



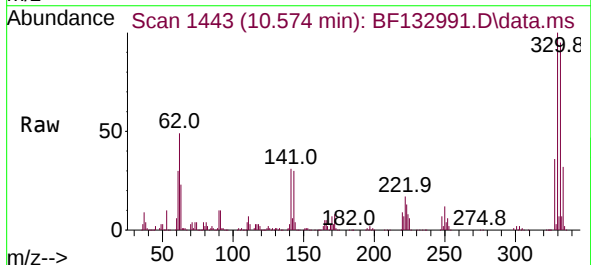
Tgt Ion:237 Resp: 599092
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 13.7 0.0 32.7

Manual Integrations
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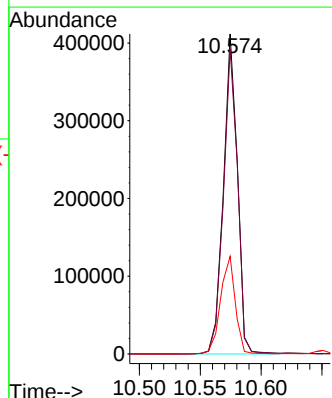
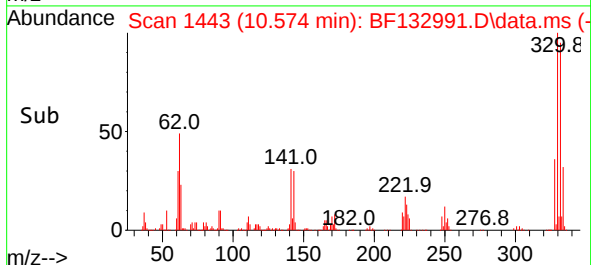
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

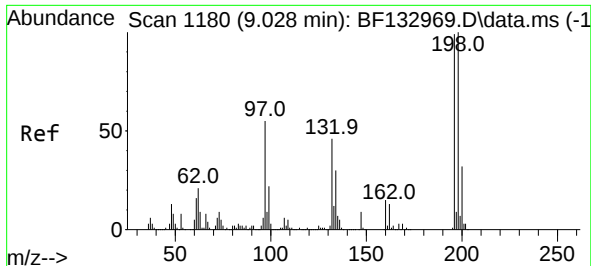


#42
2,4,6-Tribromophenol
Concen: 81.776 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



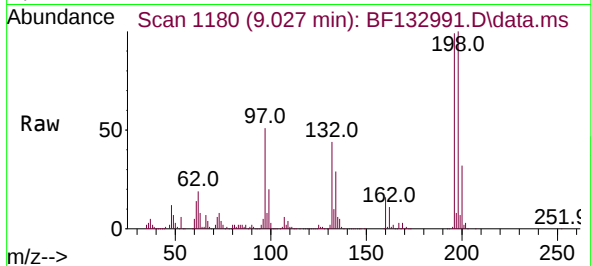
Tgt Ion:330 Resp: 329827
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 32.3 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 42.422 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

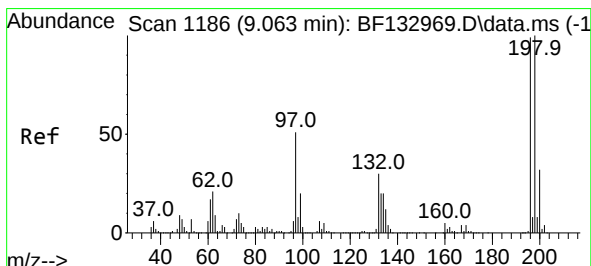
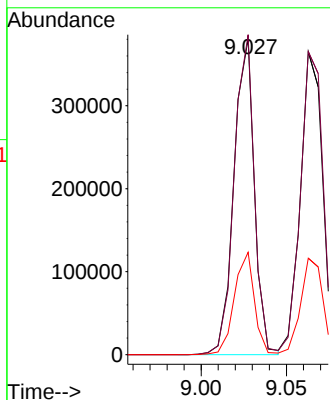
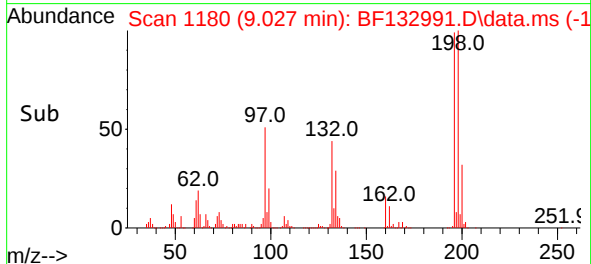
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



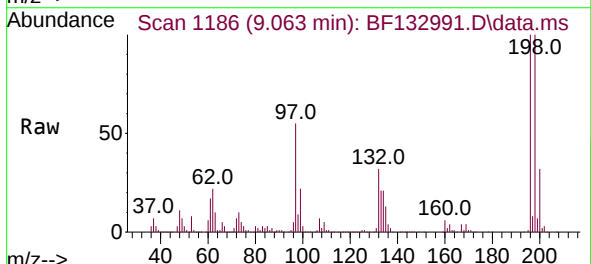
Tgt Ion:196 Resp: 31635
Ion Ratio Lower Upper
196 100
198 101.4 81.0 121.6
200 32.4 26.1 39.1

Manual Integrations
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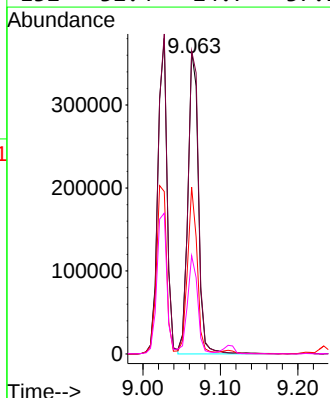
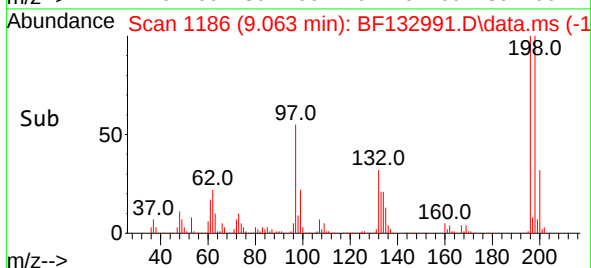
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

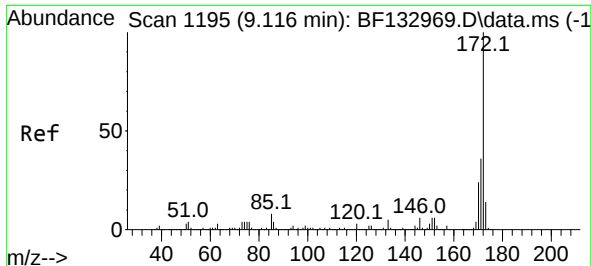


#44
2,4,5-Trichlorophenol
Concen: 39.572 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



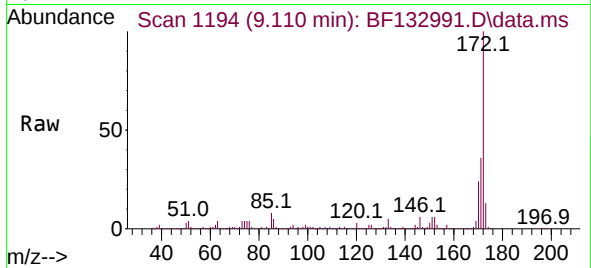
Tgt Ion:196 Resp: 341289
Ion Ratio Lower Upper
196 100
198 100.0 80.9 121.3
97 55.1 41.3 61.9
132 32.4 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 83.582 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

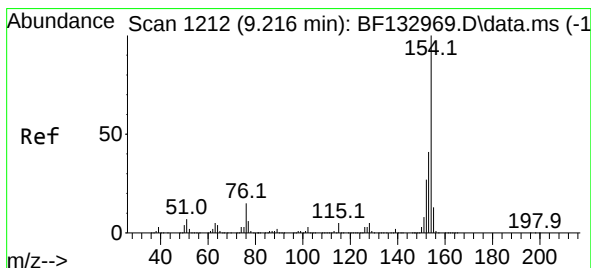
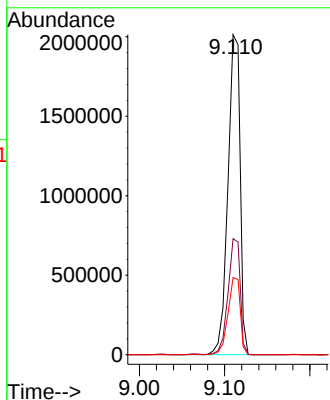
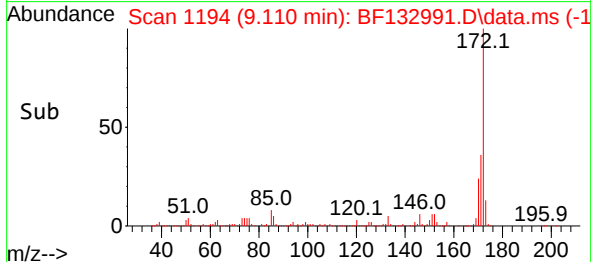
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



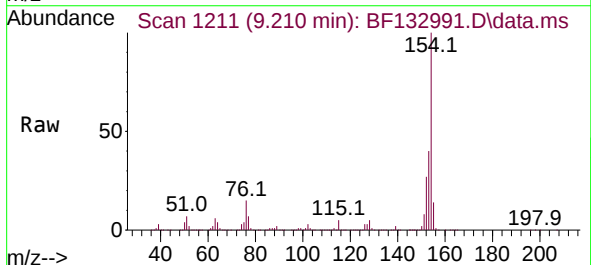
Tgt Ion:172 Resp: 200358
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.1 19.4 29.2

Manual Integrations
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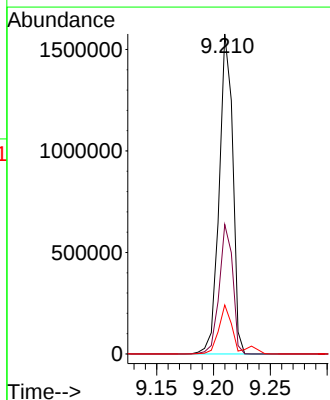
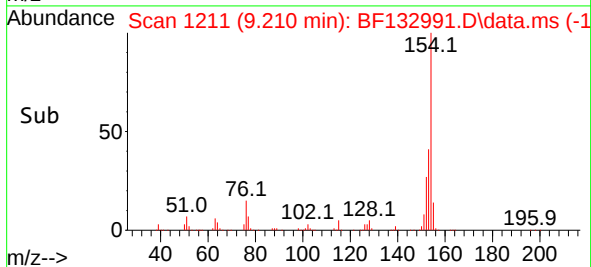
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

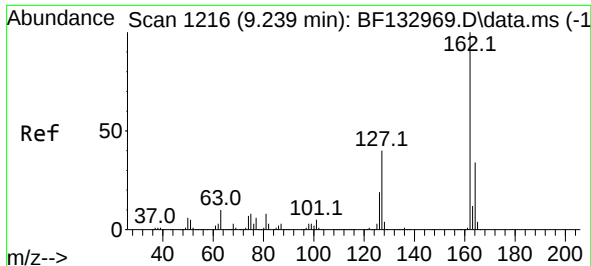


#46
1,1'-Biphenyl
Concen: 41.319 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



Tgt Ion:154 Resp: 1313990
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 15.3 0.0 34.5





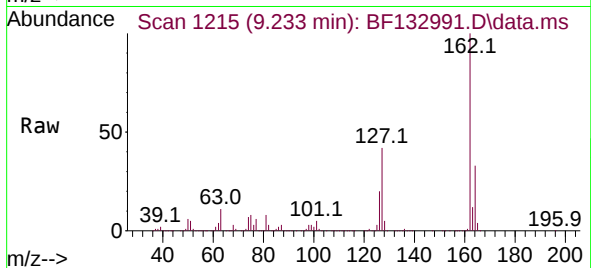
#47
2-Chloronaphthalene
Concen: 42.399 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

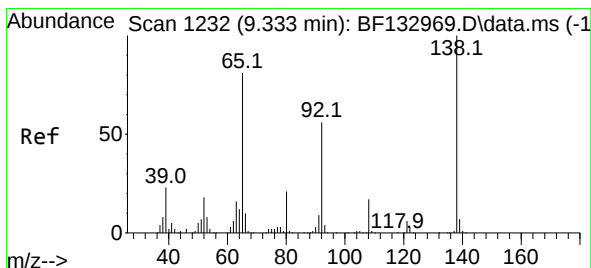
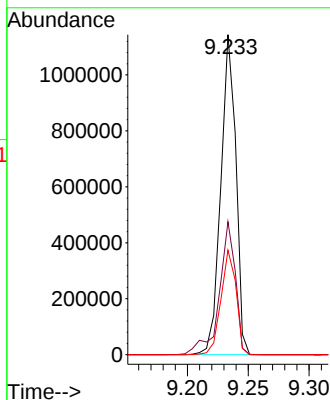
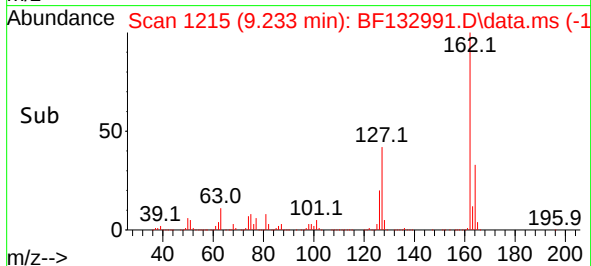
PB152338BSD



Tgt Ion:162 Resp: 98688
Ion Ratio Lower Upper
162 100
127 41.5 32.3 48.5
164 32.7 26.8 40.2

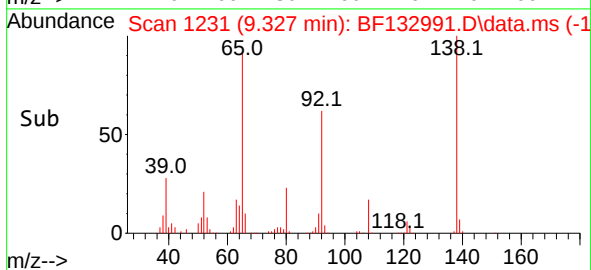
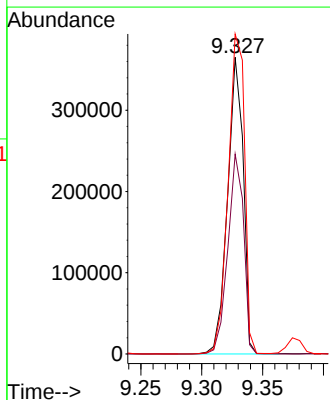
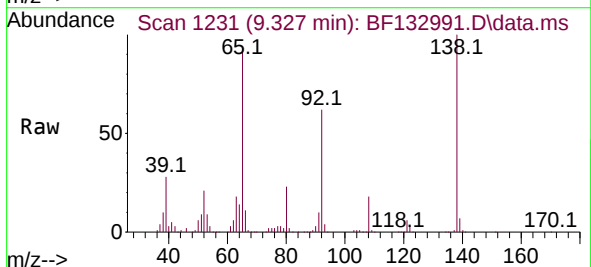
Manual Integrations
APPROVED

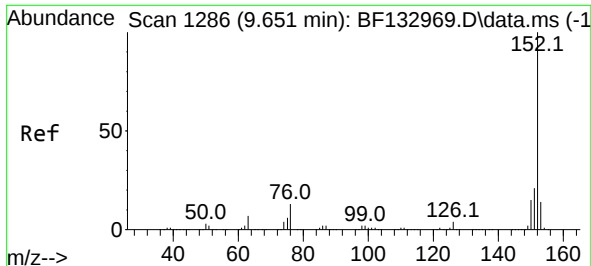
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#48
2-Nitroaniline
Concen: 42.291 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

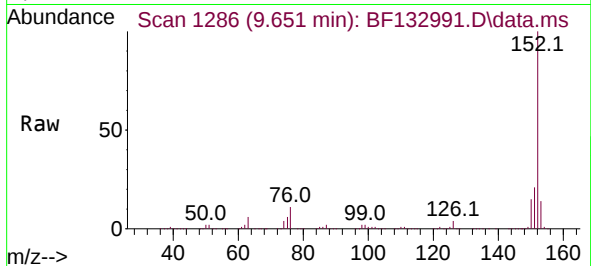
Tgt Ion: 65 Resp: 325332
Ion Ratio Lower Upper
65 100
92 67.4 55.4 83.0
138 107.9 98.2 147.2





#49
Acenaphthylene
Concen: 41.050 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

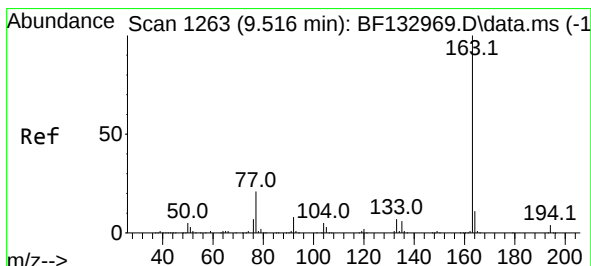
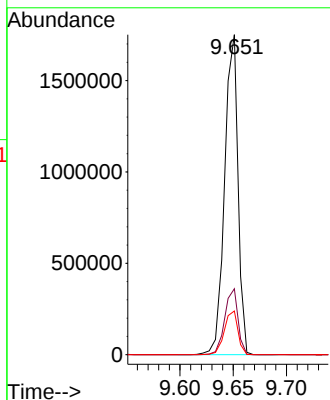
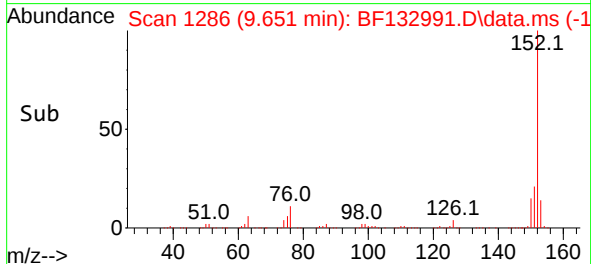
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



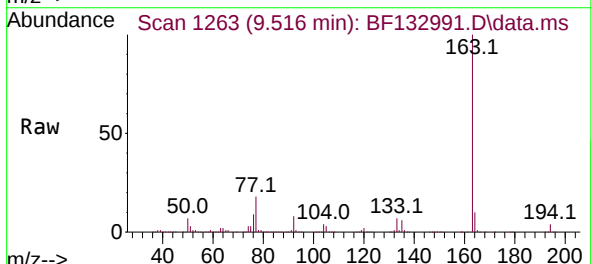
Tgt Ion:152 Resp: 152673
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.7 11.5 17.3

Manual Integrations
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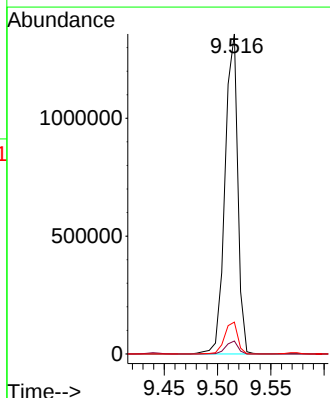
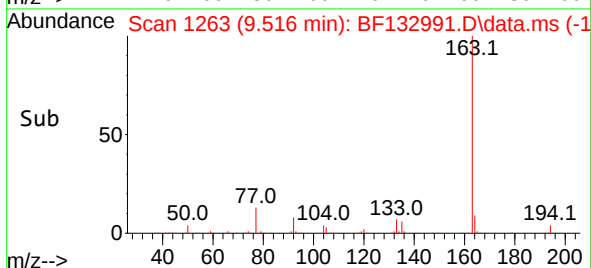
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

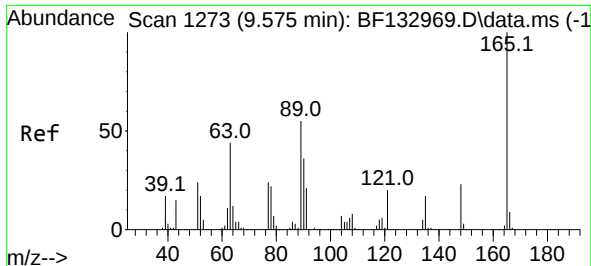


#50
Dimethylphthalate
Concen: 40.411 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



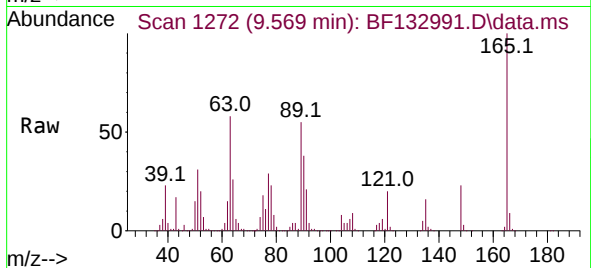
Tgt Ion:163 Resp: 1130058
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 42.006 ng
RT: 9.569 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

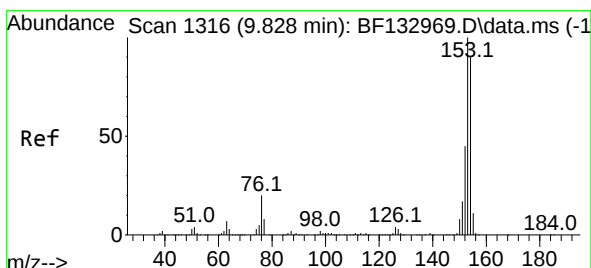
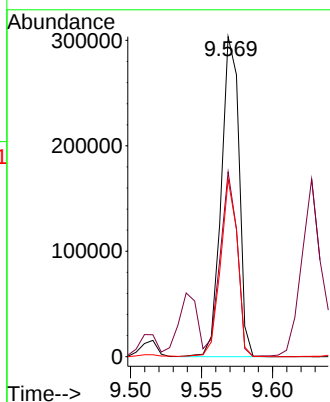
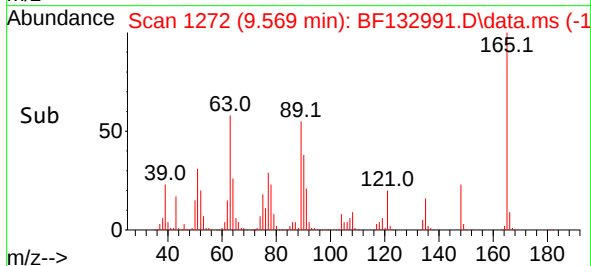
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:165 Resp: 264385
Ion Ratio Lower Upper
165 100
63 57.8 45.9 68.9
89 55.5 44.0 66.0

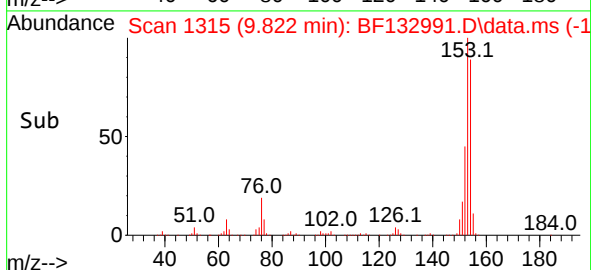
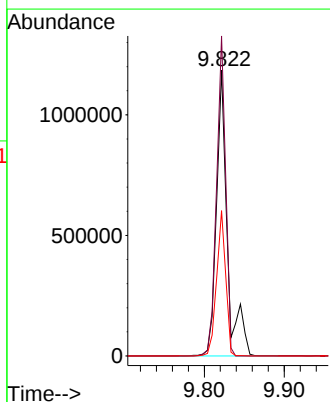
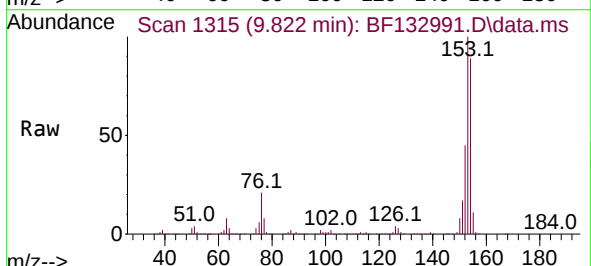
Manual Integrations
APPROVED

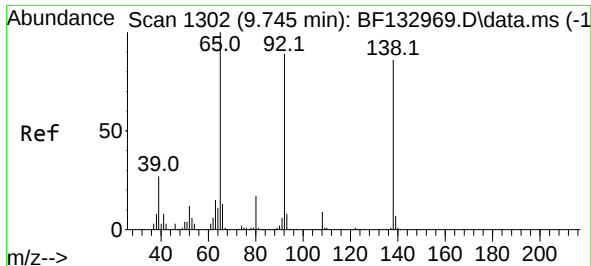
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#52
Acenaphthene
Concen: 44.996 ng m
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:154 Resp: 1120815
Ion Ratio Lower Upper
154 100
153 112.1 89.0 133.6
152 50.9 40.4 60.6





#53
3-Nitroaniline
Concen: 25.802 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

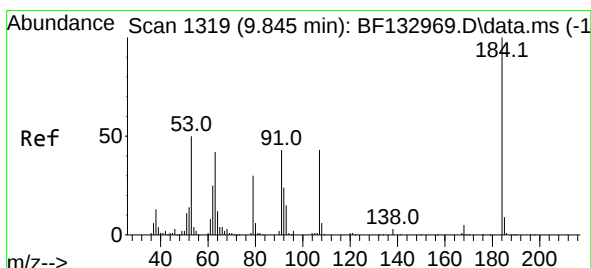
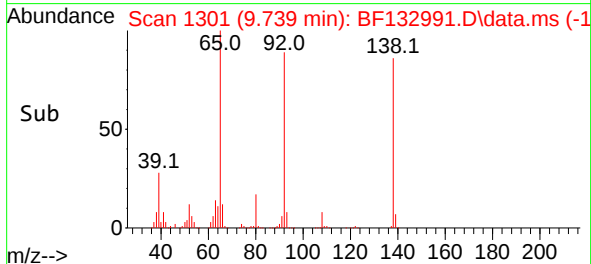
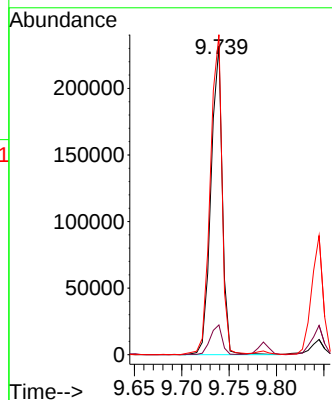
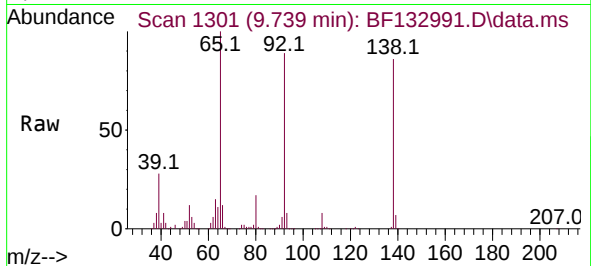
PB152338BSD

Tgt Ion:138 Resp: 193092
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 103.7 83.6 125.4

Manual Integrations

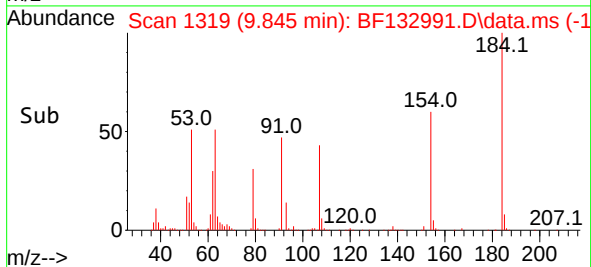
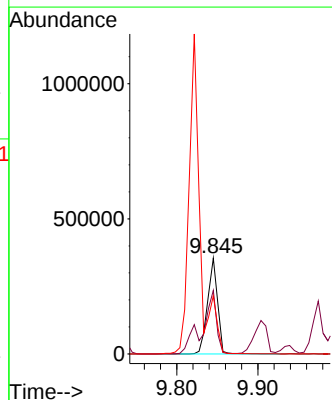
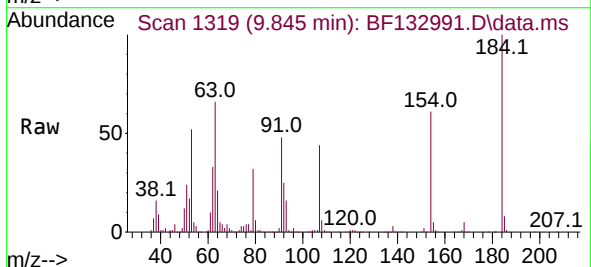
APPROVED

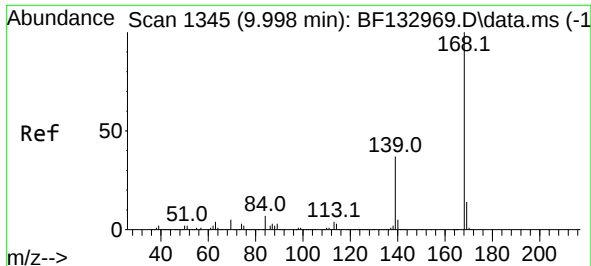
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#54
2,4-Dinitrophenol
Concen: 96.597 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

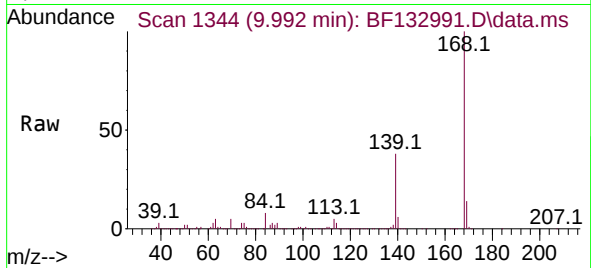
Tgt Ion:184 Resp: 305602
Ion Ratio Lower Upper
184 100
63 66.3 49.8 74.8
154 60.5 49.5 74.3





#55
Dibenzofuran
Concen: 40.716 ng
RT: 9.992 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

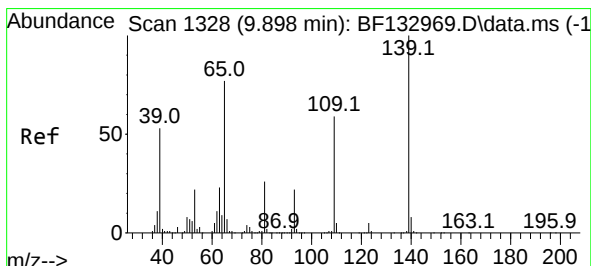
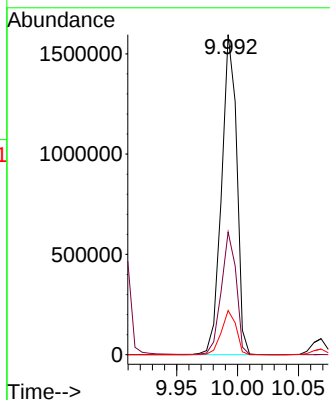
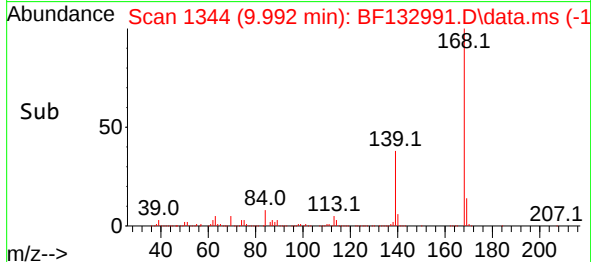
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:168 Resp: 1383470
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.8 10.8 16.2

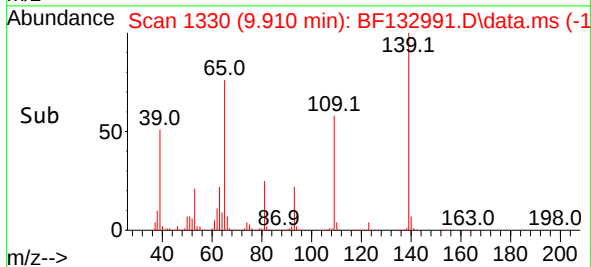
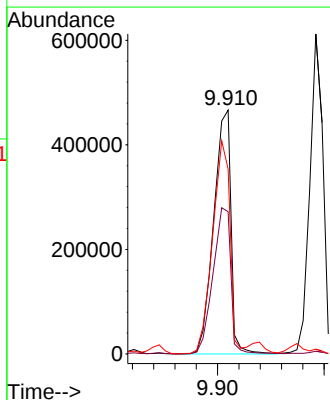
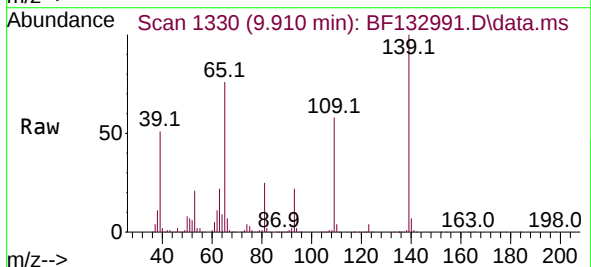
Manual Integrations
APPROVED

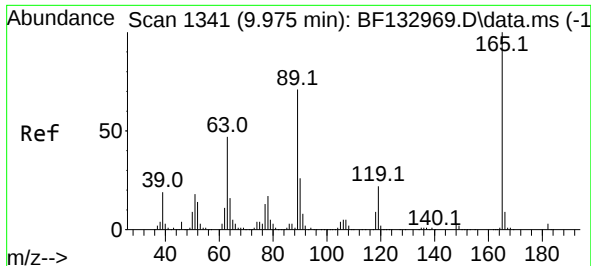
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#56
4-Nitrophenol
Concen: 90.458 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:139 Resp: 524317
Ion Ratio Lower Upper
139 100
109 58.3 39.4 79.4
65 75.8 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 43.641 ng

RT: 9.974 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

Tgt Ion:165 Resp: 350280

Ion Ratio Lower Upper

165 100

63 44.9 37.7 56.5

89 69.7 57.0 85.4

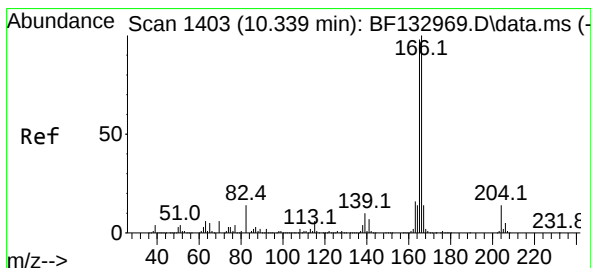
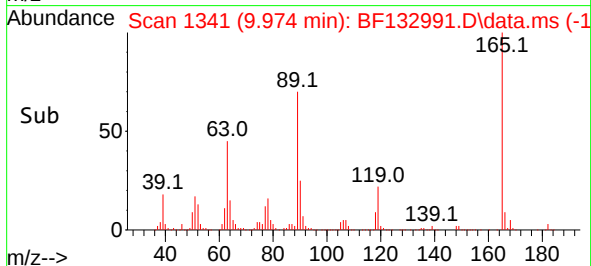
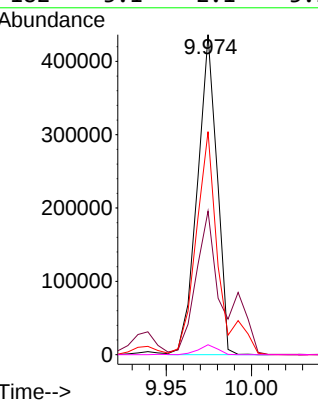
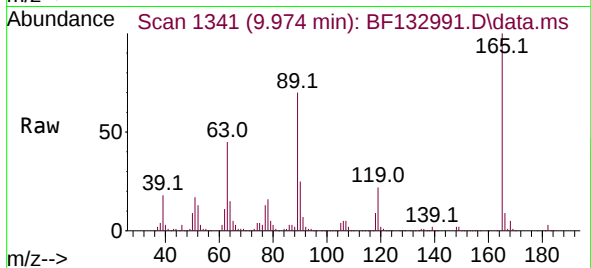
182 3.1 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#58

Fluorene

Concen: 41.042 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

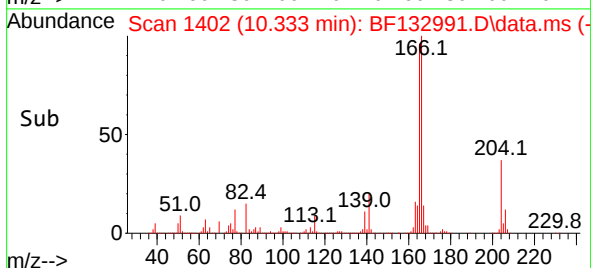
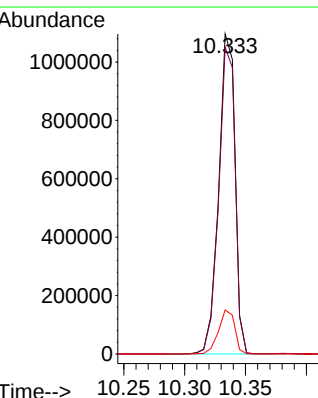
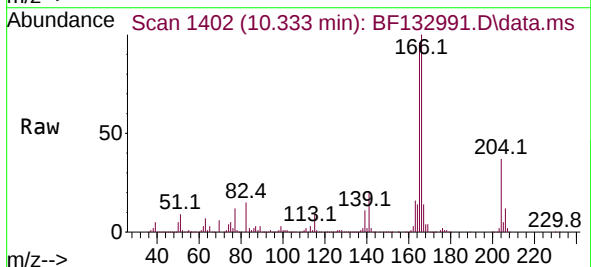
Tgt Ion:166 Resp: 1021717

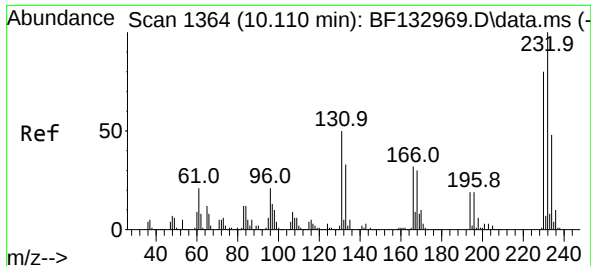
Ion Ratio Lower Upper

166 100

165 95.8 78.6 117.8

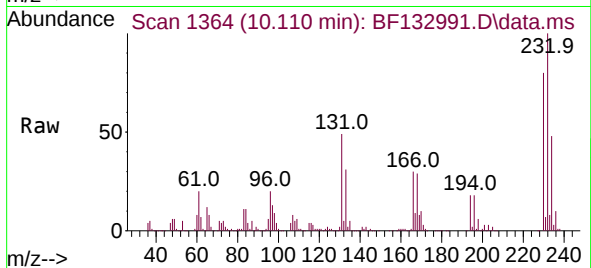
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.755 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

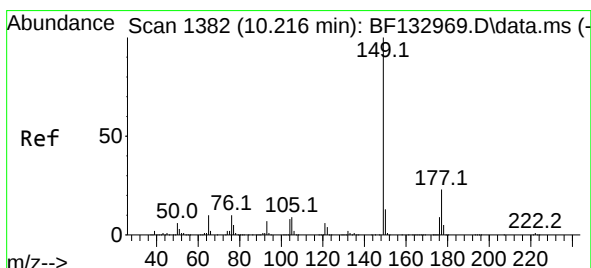
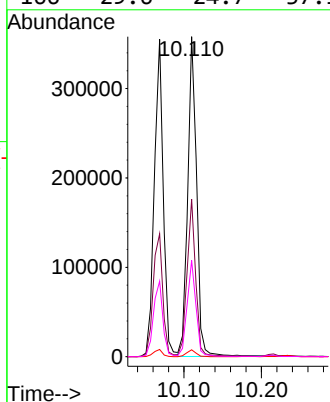
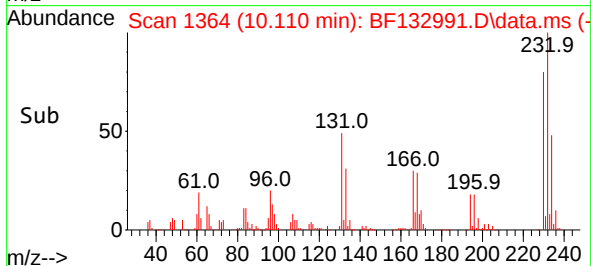
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



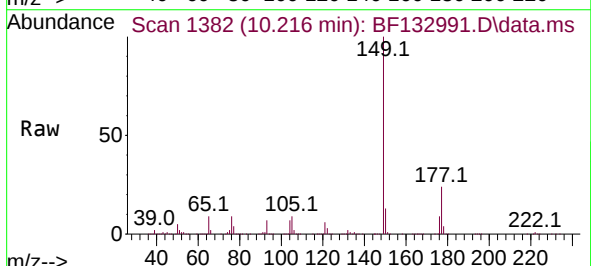
Tgt Ion:232 Resp: 28586
Ion Ratio Lower Upper
232 100
131 48.0 38.0 57.0
130 2.3 1.8 2.8
166 29.6 24.7 37.1

Manual Integrations
APPROVED

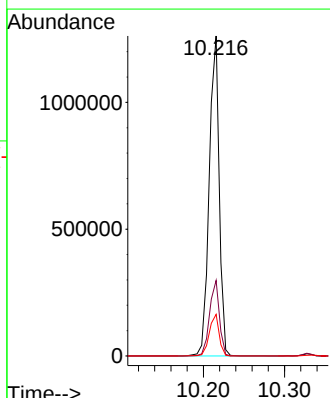
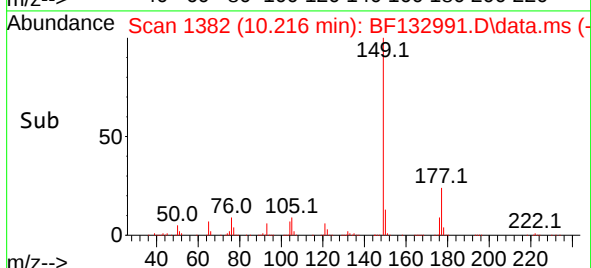
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

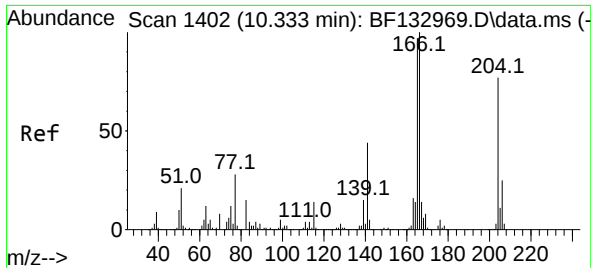


#60
Diethylphthalate
Concen: 40.644 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



Tgt Ion:149 Resp: 1073557
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 13.0 10.2 15.4





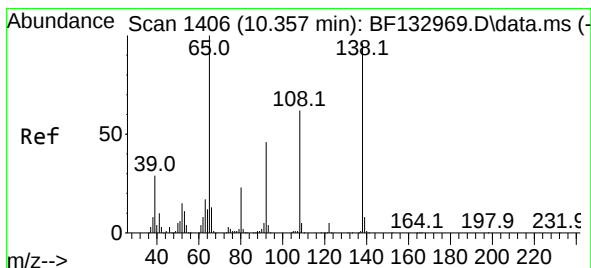
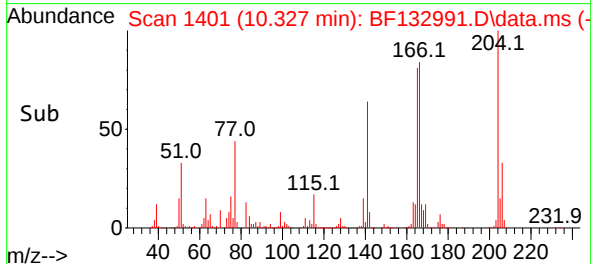
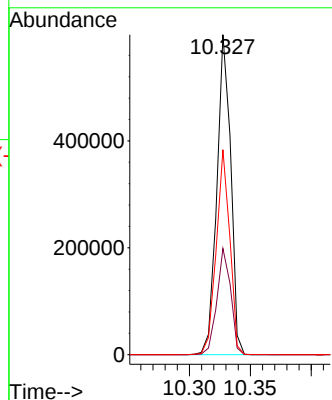
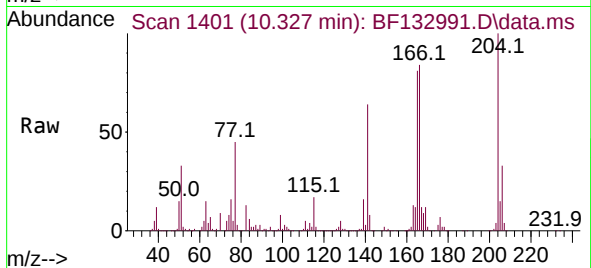
#61
4-Chlorophenyl-phenylether
Concen: 39.144 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion:204 Resp: 474875
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 64.1 46.1 69.1

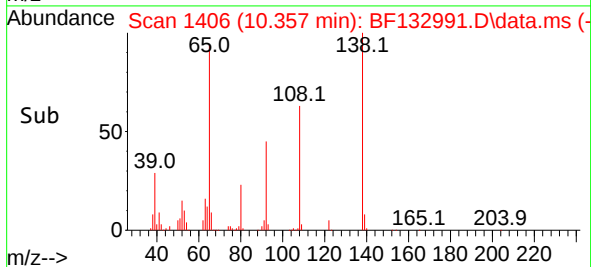
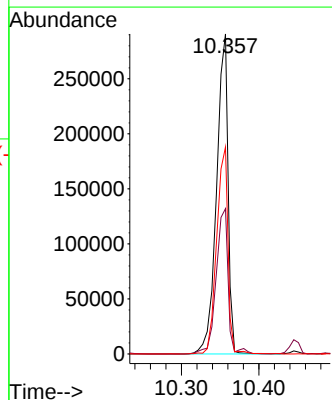
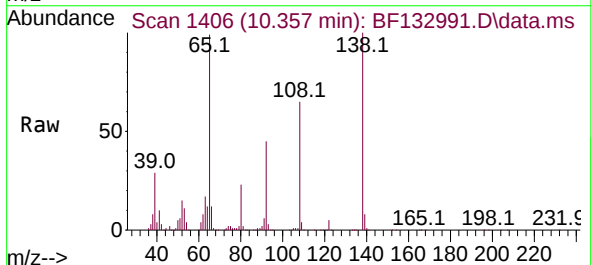
Manual Integrations
APPROVED

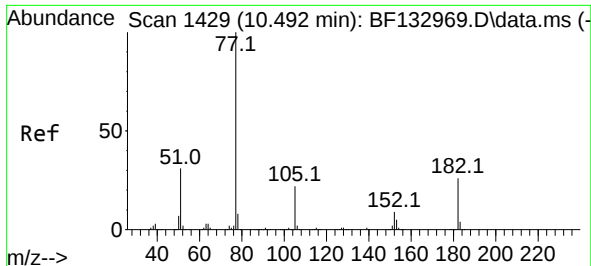
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#62
4-Nitroaniline
Concen: 43.558 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

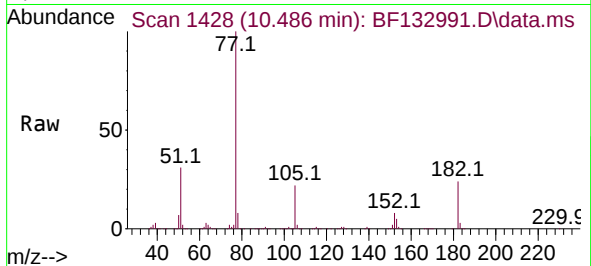
Tgt Ion:138 Resp: 299603
Ion Ratio Lower Upper
138 100
92 45.4 27.7 67.7
108 64.6 45.2 85.2





#63
Azobenzene
Concen: 39.916 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

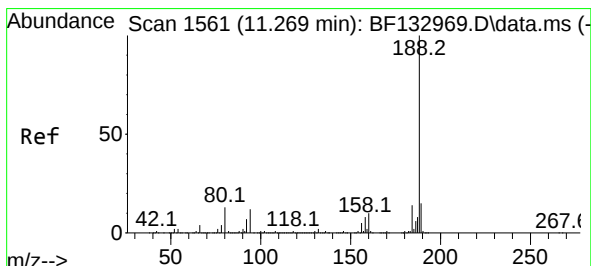
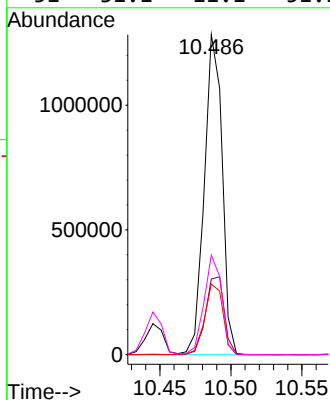
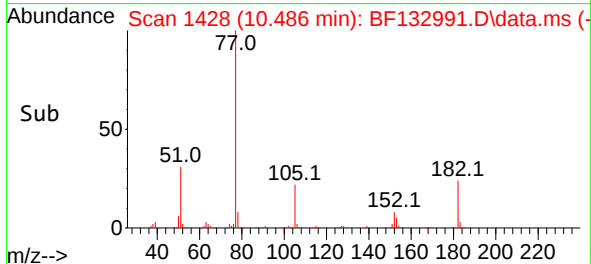
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion: 77 Resp: 1116910
Ion Ratio Lower Upper
77 100
182 23.7 5.9 45.9
105 22.1 2.3 42.3
51 31.1 11.1 51.1

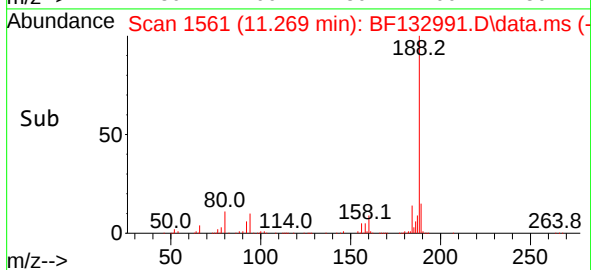
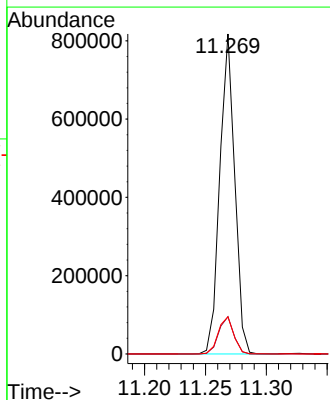
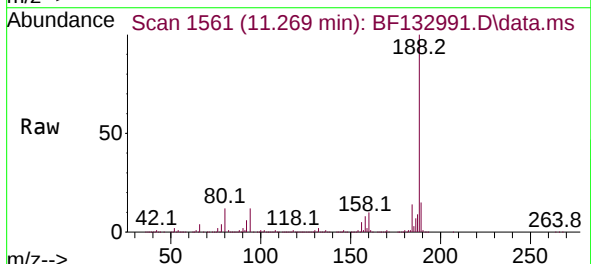
Manual Integrations
APPROVED

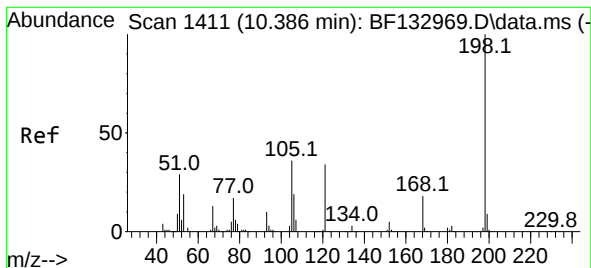
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:188 Resp: 699300
Ion Ratio Lower Upper
188 100
94 11.6 9.7 14.5
80 11.6 10.4 15.6





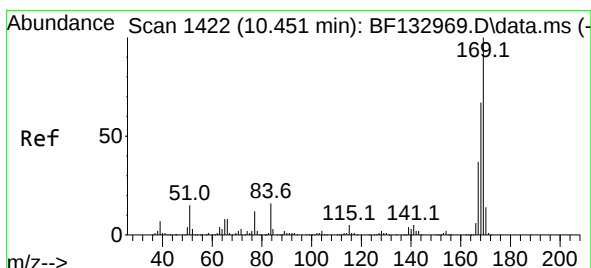
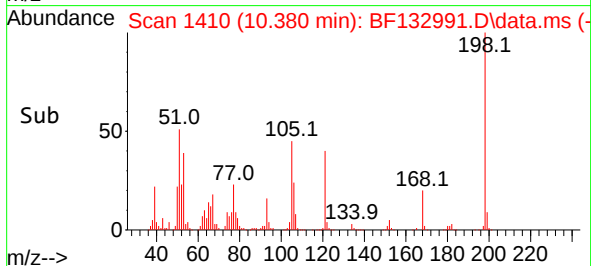
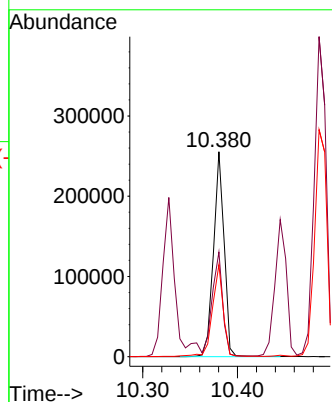
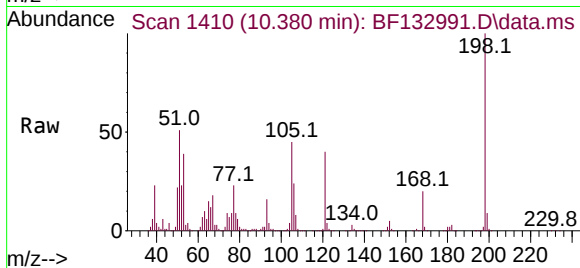
#65
4,6-Dinitro-2-methylphenol
Concen: 46.913 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion:198 Resp: 19884
Ion Ratio Lower Upper
198 100
51 51.0 15.5 55.5
105 44.9 16.7 56.7

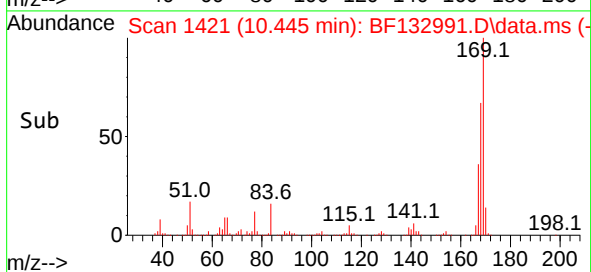
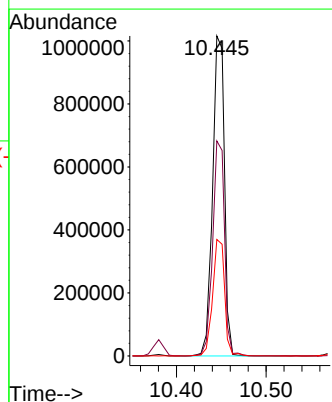
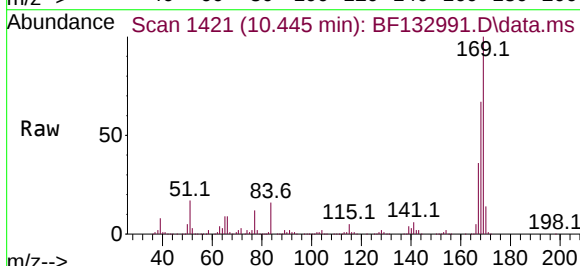
Manual Integrations
APPROVED

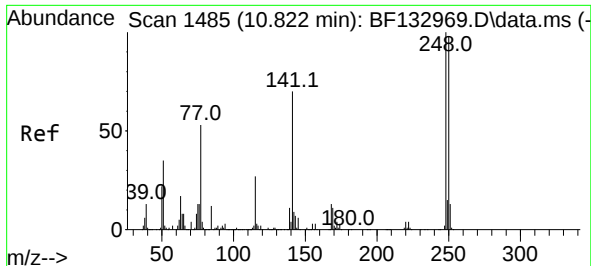
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#66
n-Nitrosodiphenylamine
Concen: 41.007 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

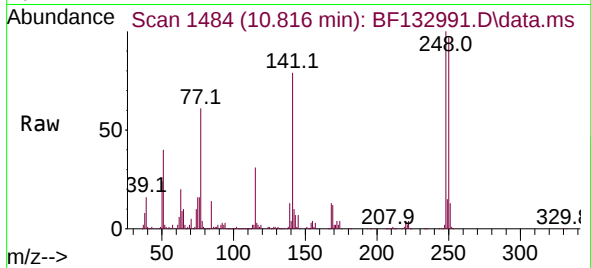
Tgt Ion:169 Resp: 930172
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.8
167 36.4 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 40.310 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

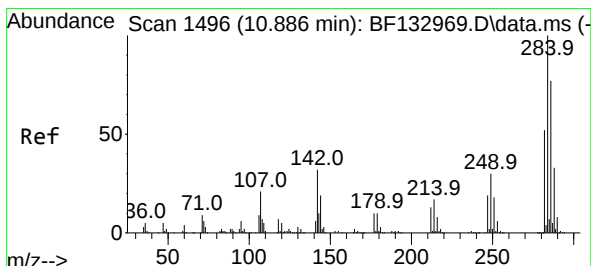
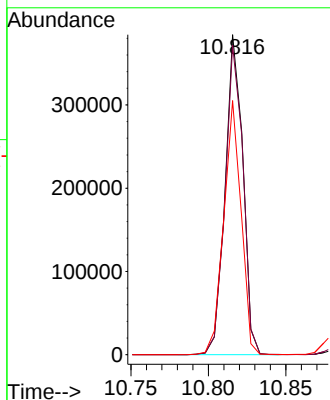
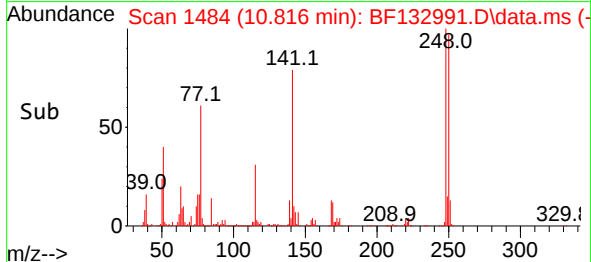
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



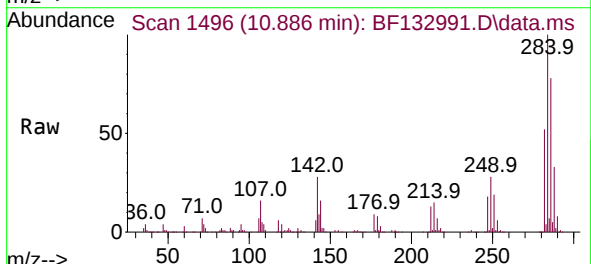
Tgt Ion:248 Resp: 30572
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 79.4 56.3 84.5

Manual Integrations
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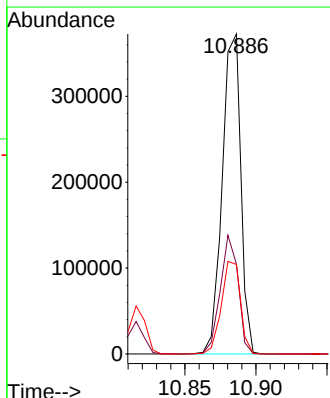
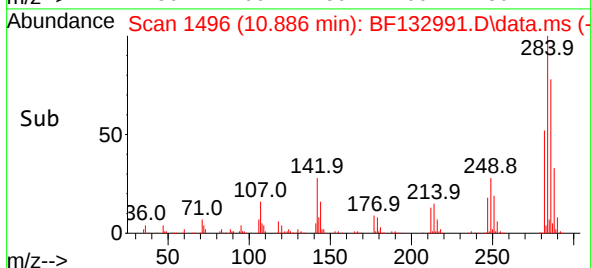
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

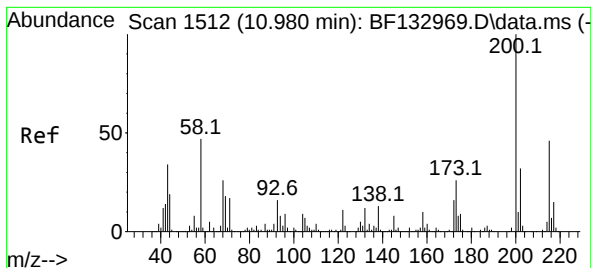


#68
Hexachlorobenzene
Concen: 43.517 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



Tgt Ion:284 Resp: 338193
Ion Ratio Lower Upper
284 100
142 28.1 26.0 39.0
249 27.9 23.7 35.5





#69

Atrazine

Concen: 48.265 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

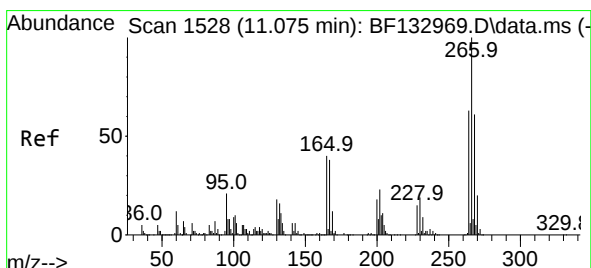
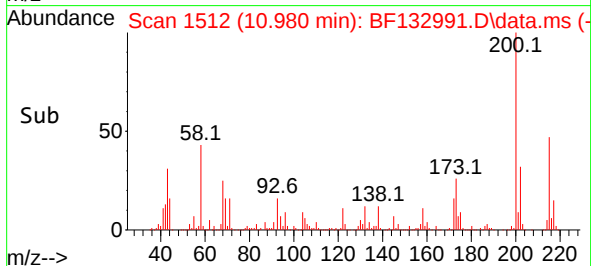
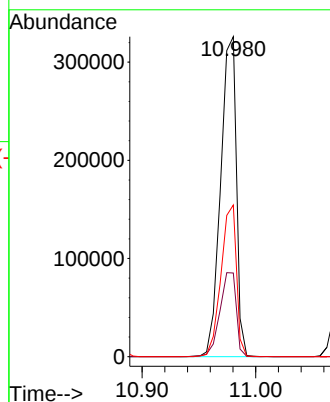
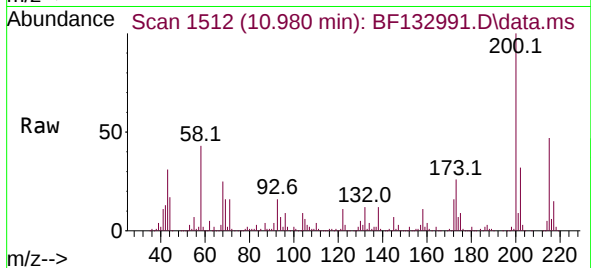
PB152338BSD

Tgt Ion:200 Resp: 315464
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.2 46.2
 215 47.4 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#70

Pentachlorophenol

Concen: 77.249 ng

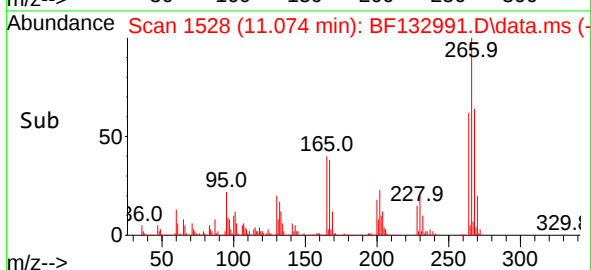
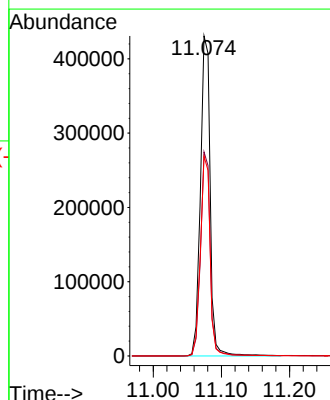
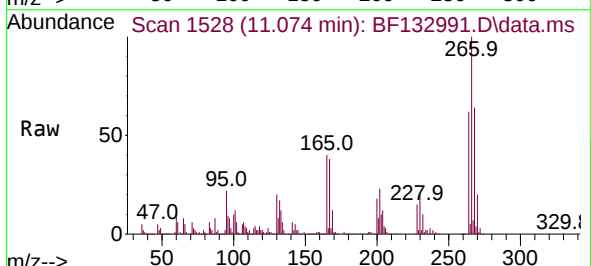
RT: 11.074 min Scan# 1528

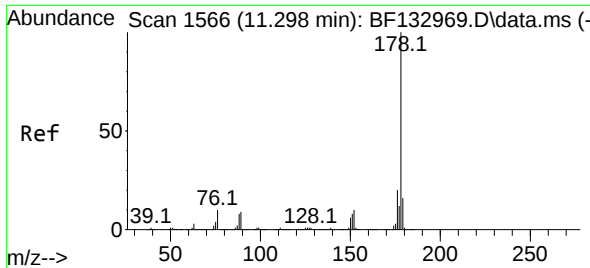
Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Tgt Ion:266 Resp: 427562
 Ion Ratio Lower Upper
 266 100
 268 63.8 48.8 73.2
 264 62.4 50.6 76.0





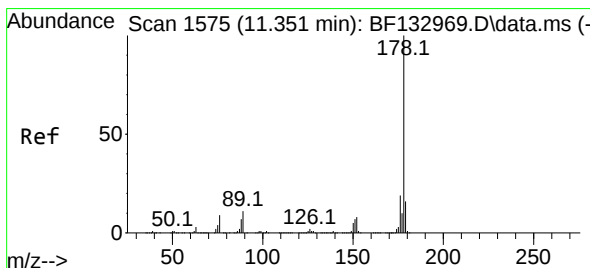
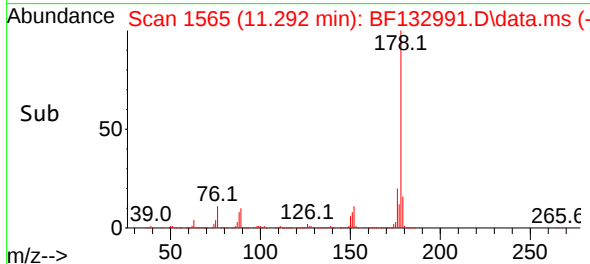
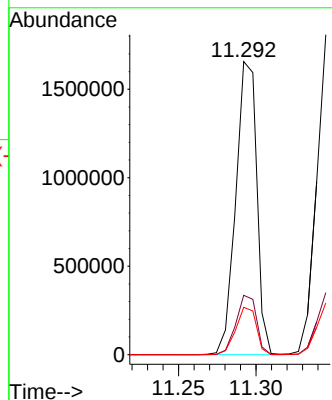
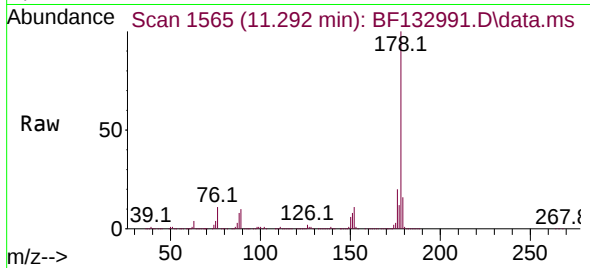
#71
Phenanthrene
Concen: 41.531 ng
RT: 11.292 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152338BSD

Tgt Ion:178 Resp: 156095
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 16.1 12.5 18.7

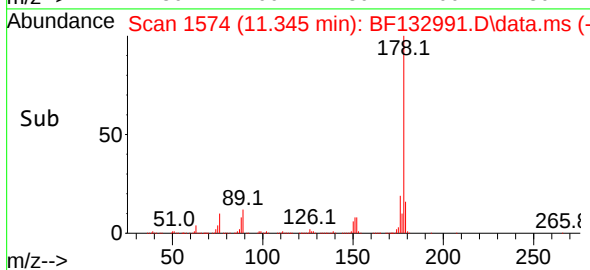
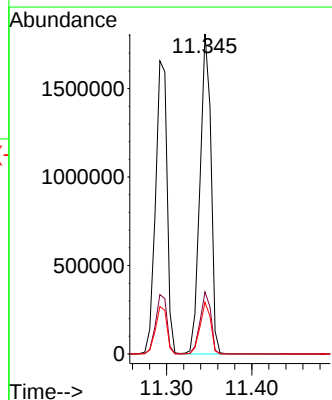
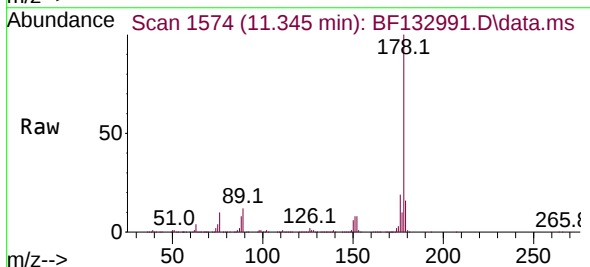
Manual Integrations
APPROVED

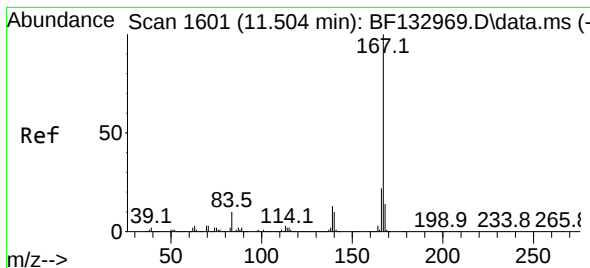
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#72
Anthracene
Concen: 42.012 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:178 Resp: 1615981
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.1 12.4 18.6





#73

Carbazole

Concen: 43.598 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD

Tgt Ion:167 Resp: 1493219

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

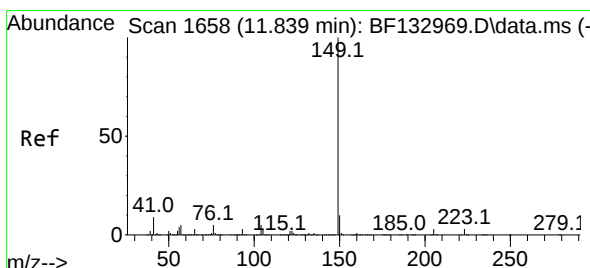
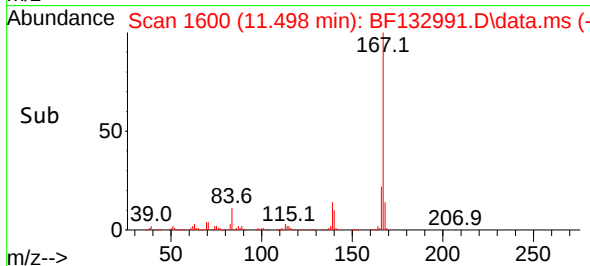
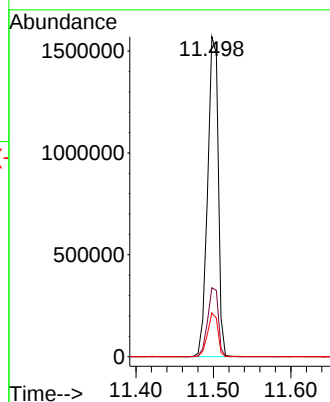
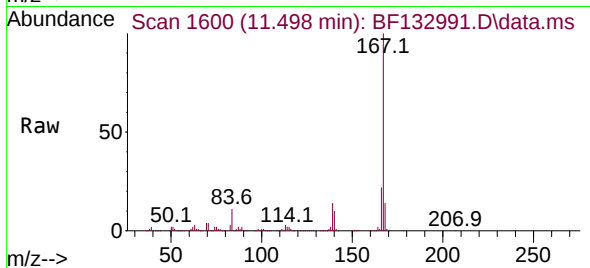
139 13.7 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#74

Di-n-butylphthalate

Concen: 42.841 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

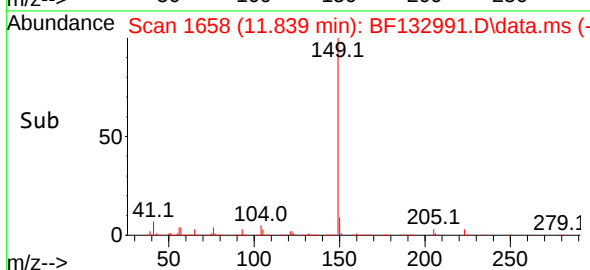
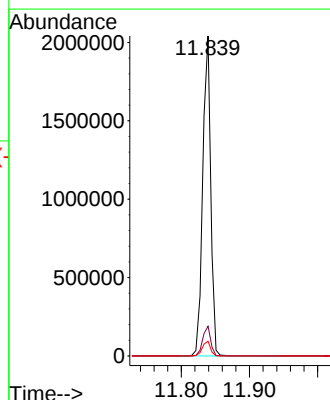
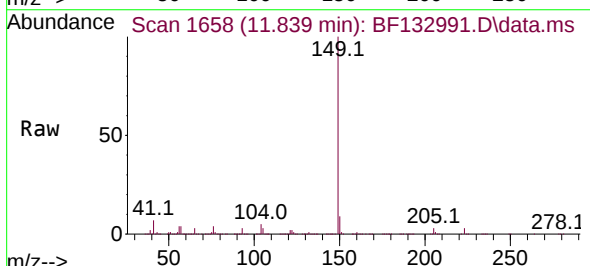
Tgt Ion:149 Resp: 1660463

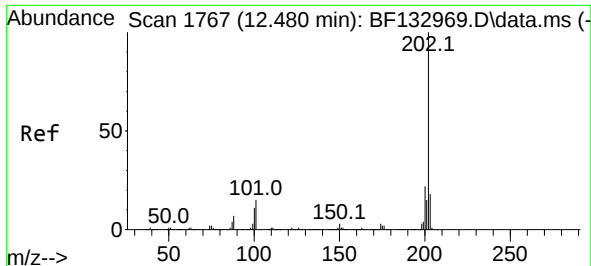
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

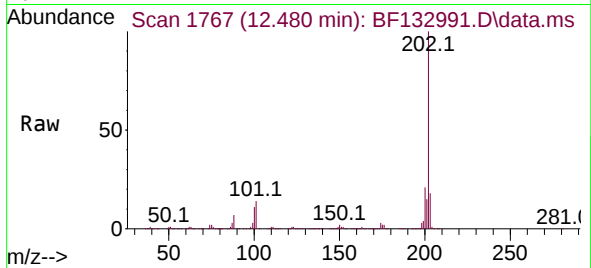
104 4.6 4.0 6.0





#75
Fluoranthene
Concen: 42.604 ng
RT: 12.480 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

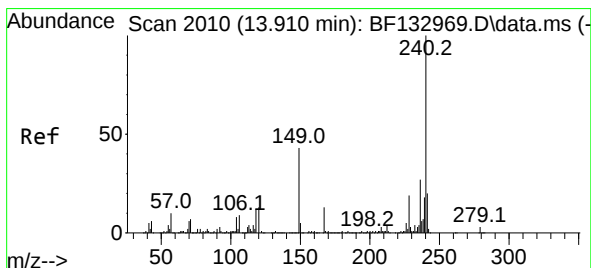
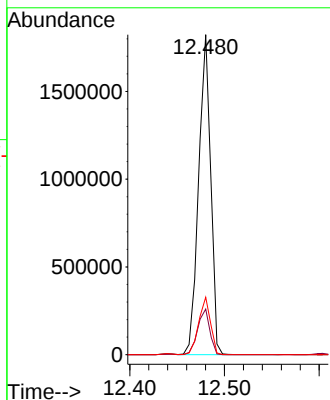
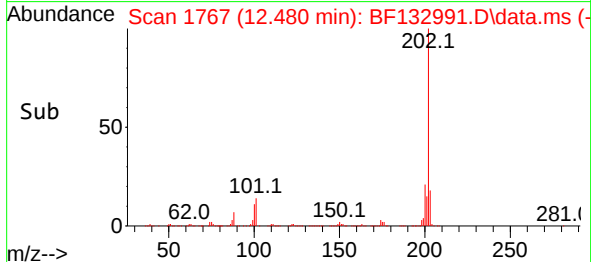
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



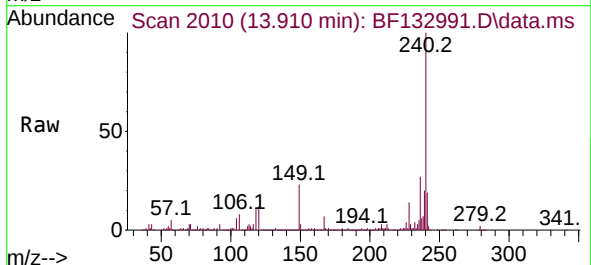
Tgt Ion:202 Resp: 1607062
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 18.0 0.0 38.1

Manual Integrations
APPROVED

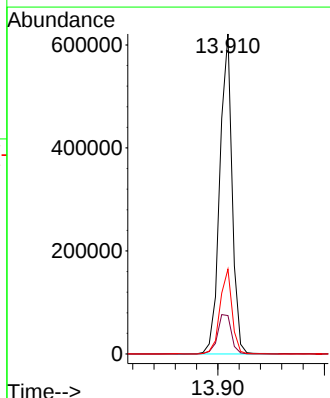
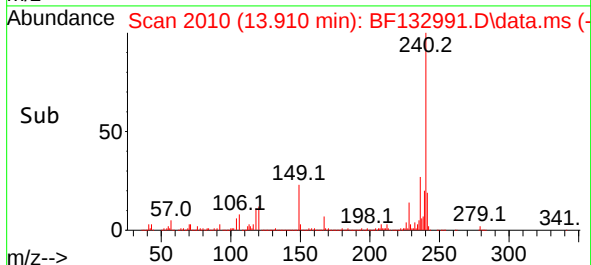
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

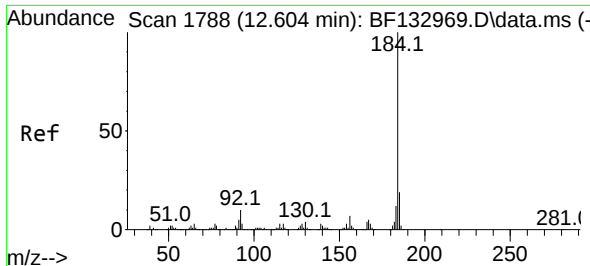


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



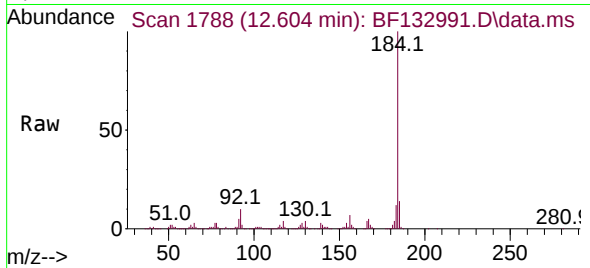
Tgt Ion:240 Resp: 497399
Ion Ratio Lower Upper
240 100
120 12.0 10.5 15.7
236 26.5 21.5 32.3





#77
Benzidine
Concen: 108.072 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

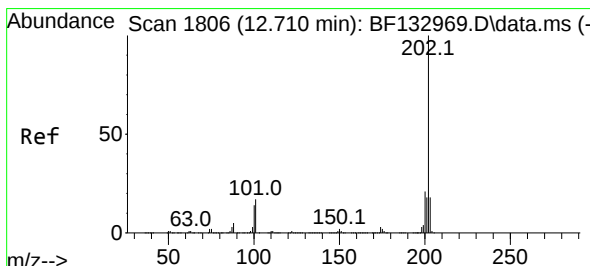
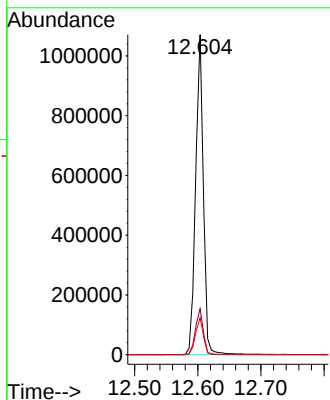
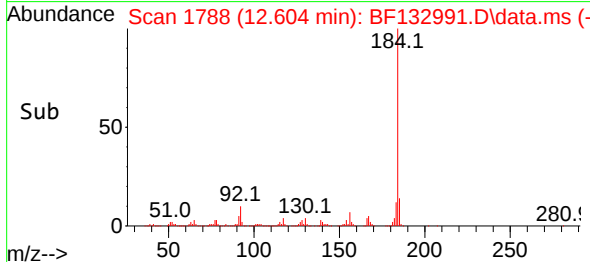
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:184 Resp: 909023
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2
183 11.6 9.4 14.0

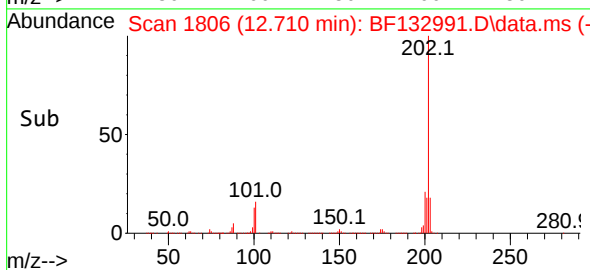
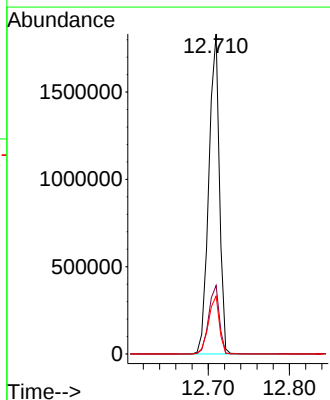
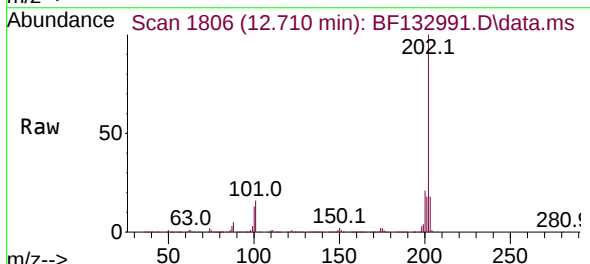
Manual Integrations
APPROVED

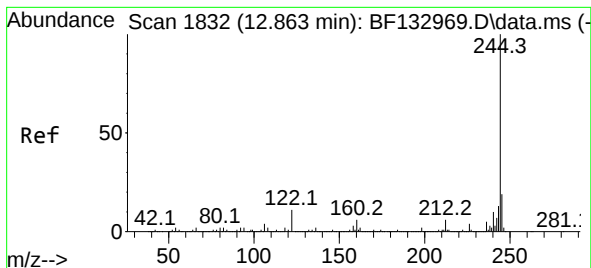
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#78
Pyrene
Concen: 38.748 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:202 Resp: 1652170
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 80.554 ng

RT: 12.857 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF132991.D

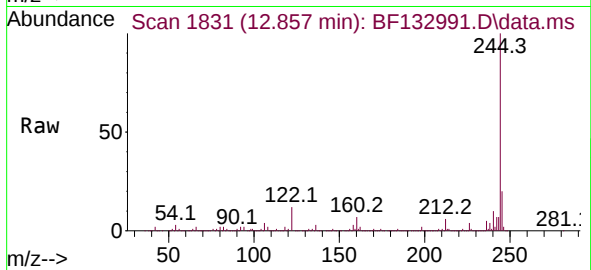
Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD



Tgt Ion:244 Resp: 232321

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

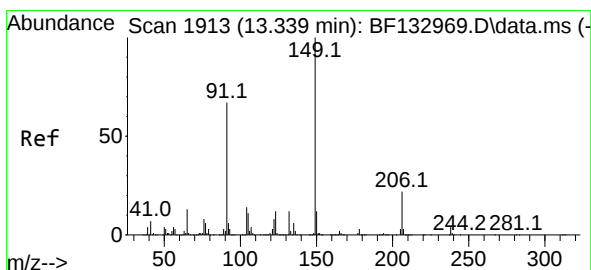
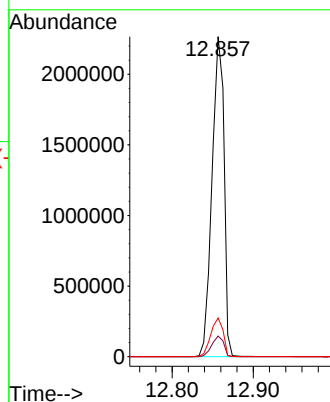
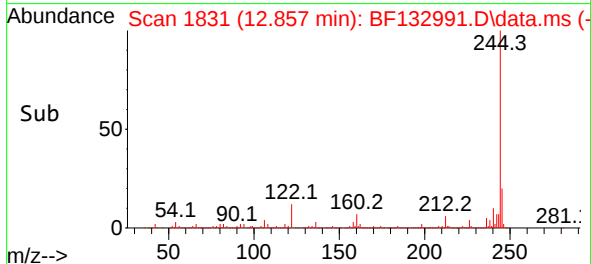
122 12.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#80

Butylbenzylphthalate

Concen: 45.673 ng

RT: 13.333 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

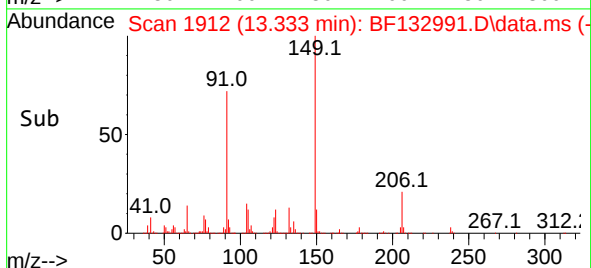
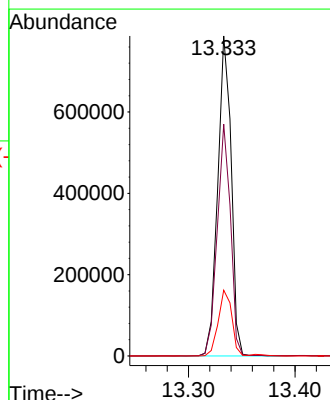
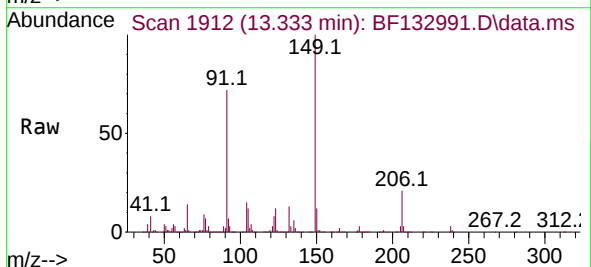
Tgt Ion:149 Resp: 689537

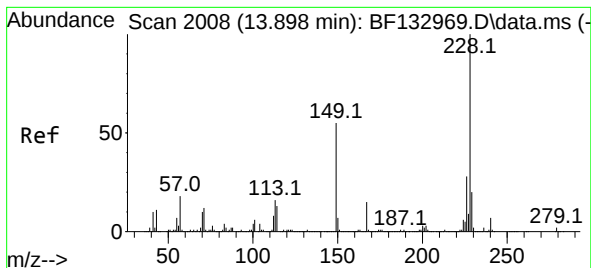
Ion Ratio Lower Upper

149 100

91 72.5 53.8 80.6

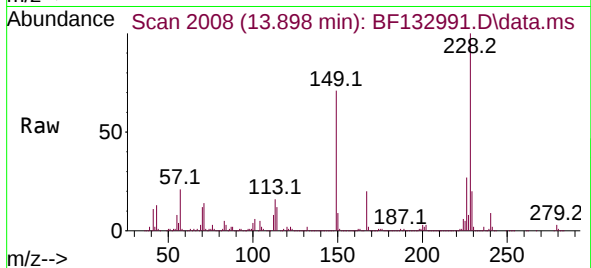
206 20.6 17.5 26.3





#81
Benzo(a)anthracene
Concen: 41.977 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

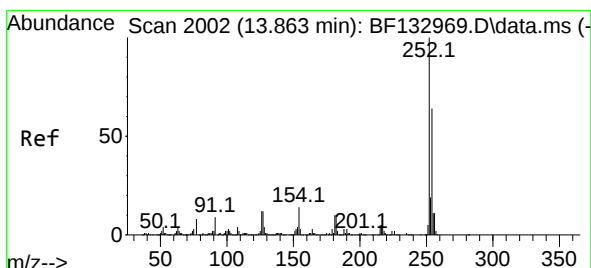
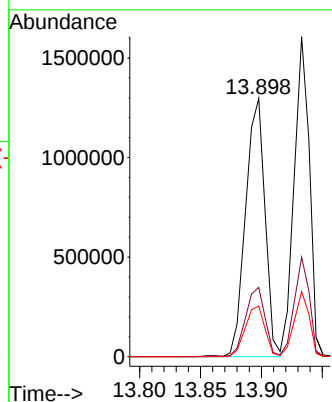
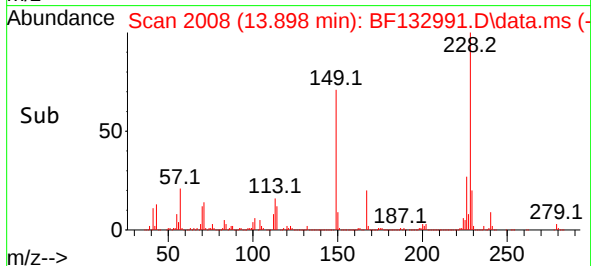
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:228 Resp: 1435789
Ion Ratio Lower Upper
228 100
226 26.9 22.2 33.4
229 19.6 16.0 24.0

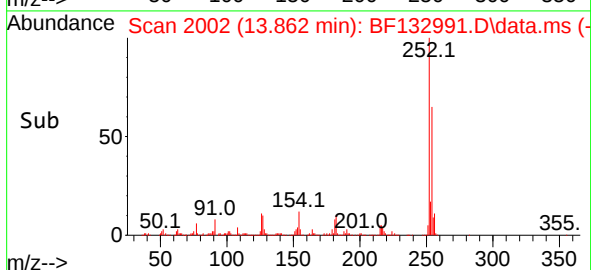
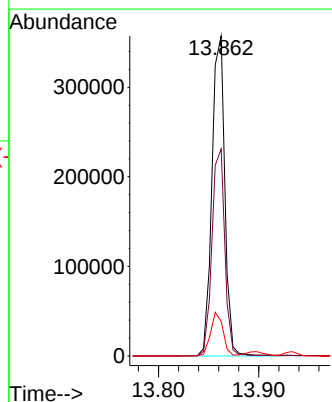
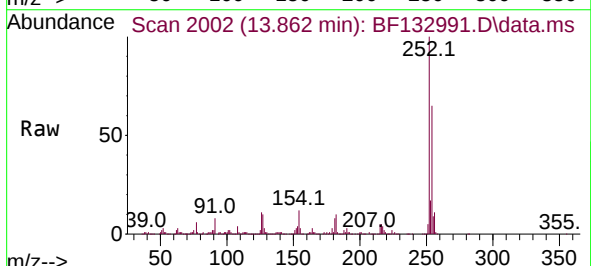
Manual Integrations
APPROVED

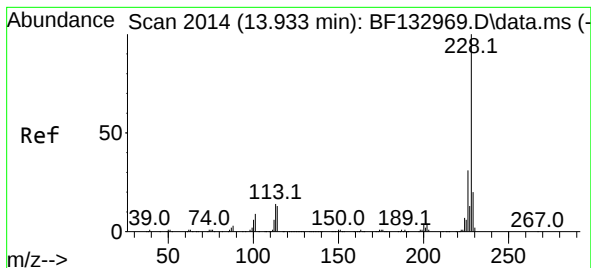
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.709 ng
RT: 13.862 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

Tgt Ion:252 Resp: 318520
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 10.8 9.5 14.3





#83

Chrysene

Concen: 41.127 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF132991.D

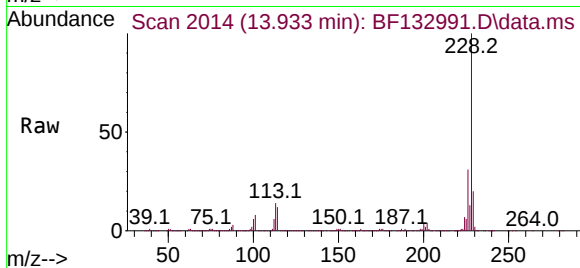
Acq: 24 Apr 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152338BSD



Tgt Ion:228 Resp: 1406379

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

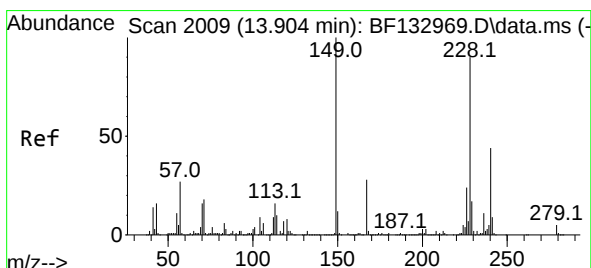
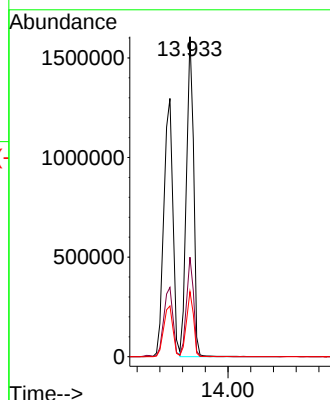
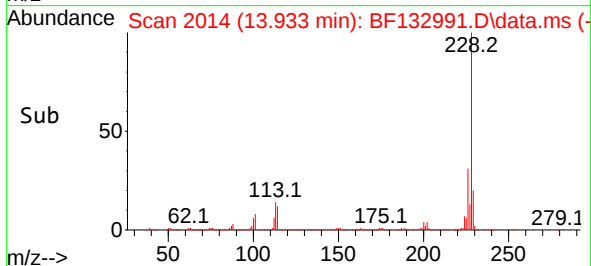
229 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.956 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF132991.D

Acq: 24 Apr 2023 12:58

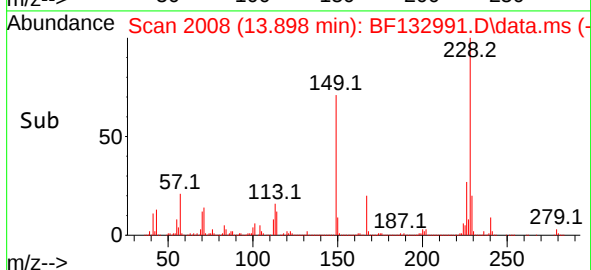
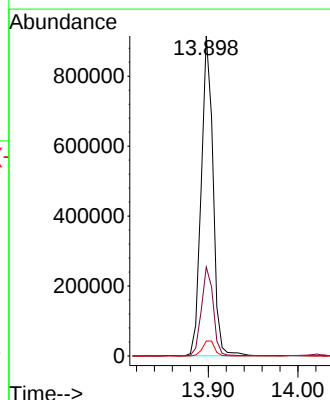
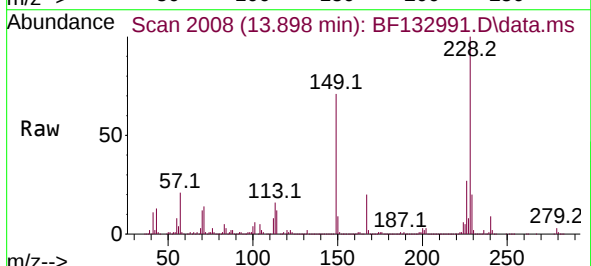
Tgt Ion:149 Resp: 832950

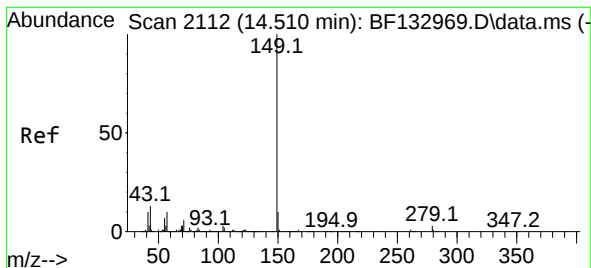
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

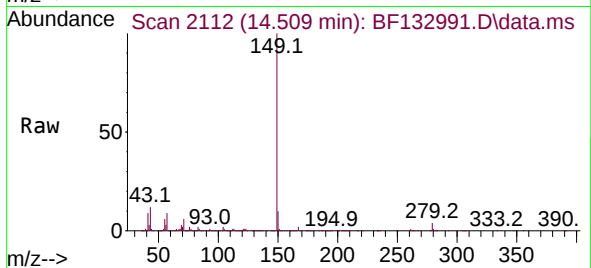
279 4.6 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 53.597 ng
RT: 14.509 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

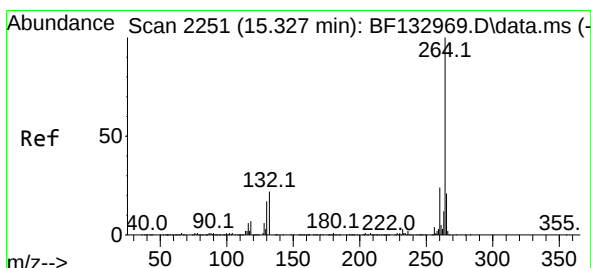
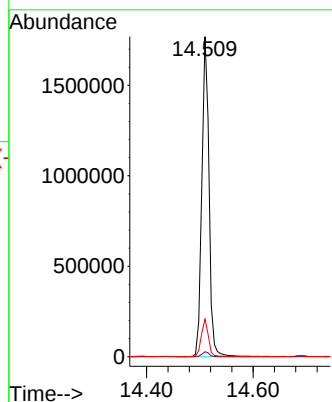
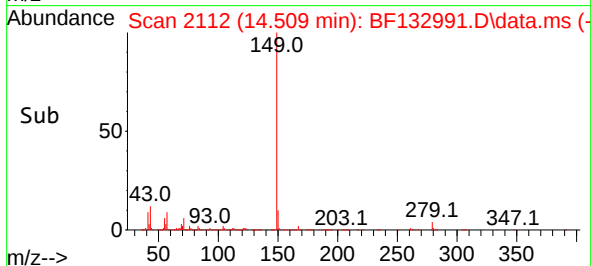
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:149 Resp: 1656070
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.5 14.3

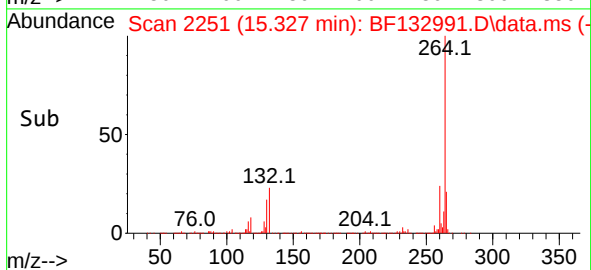
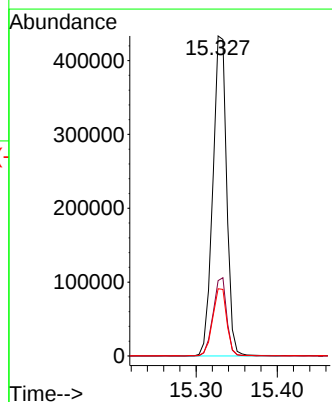
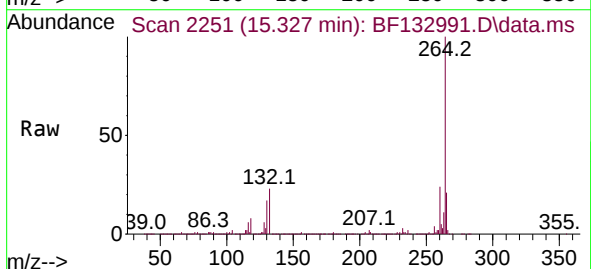
Manual Integrations
APPROVED

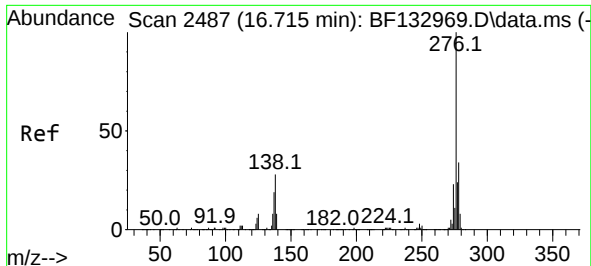
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

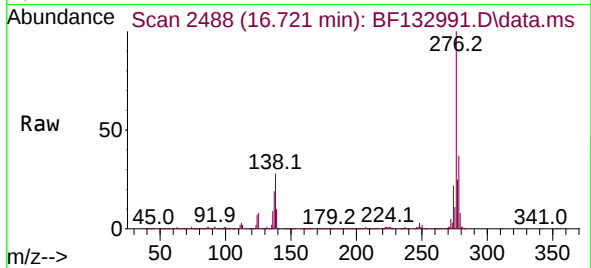
Tgt Ion:264 Resp: 511334
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.0 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.483 ng
RT: 16.721 min Scan# 2487
Delta R.T. 0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

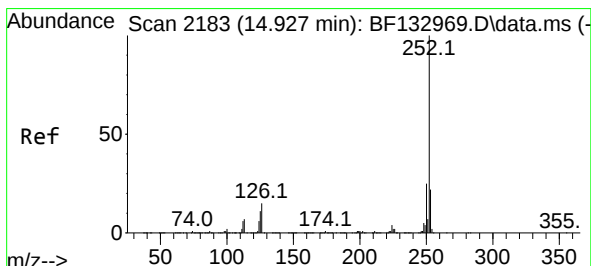
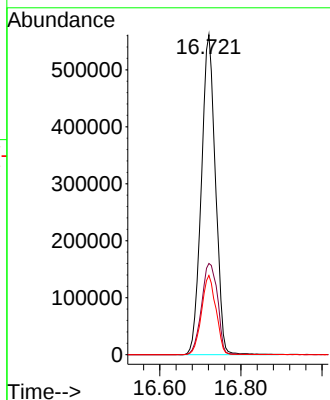
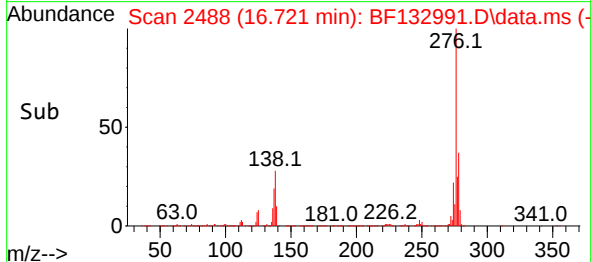
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:276 Resp: 1351984
Ion Ratio Lower Upper
276 100
138 32.2 25.5 38.3
277 25.4 20.4 30.6

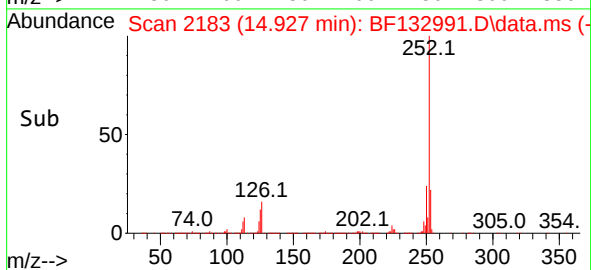
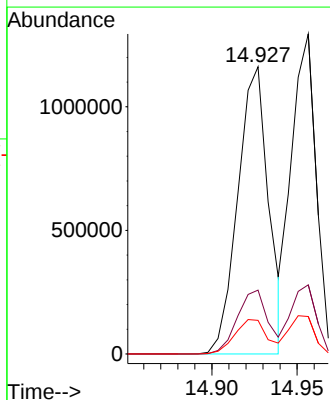
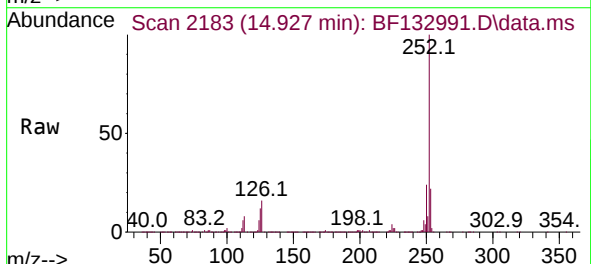
Manual Integrations
APPROVED

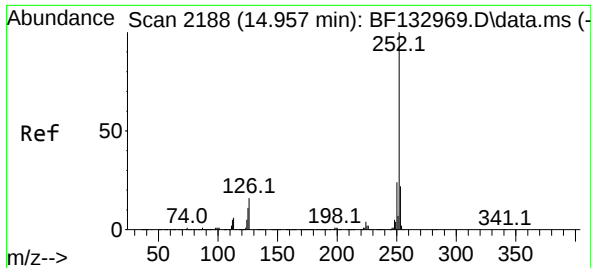
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#88
Benzo(b)fluoranthene
Concen: 44.936 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

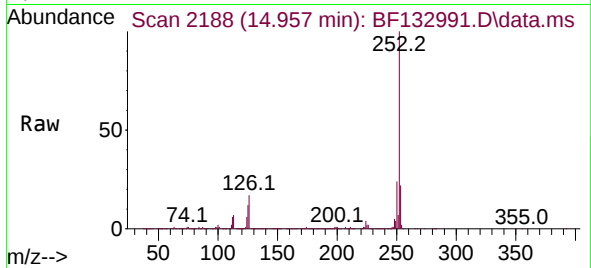
Tgt Ion:252 Resp: 1461794
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.7 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 40.735 ng
RT: 14.957 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

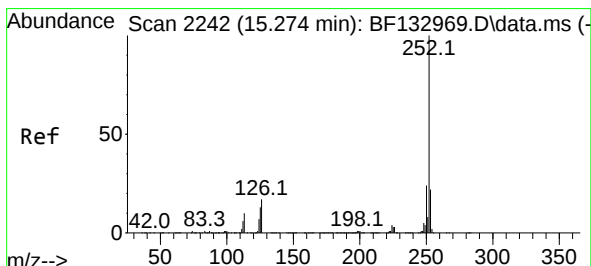
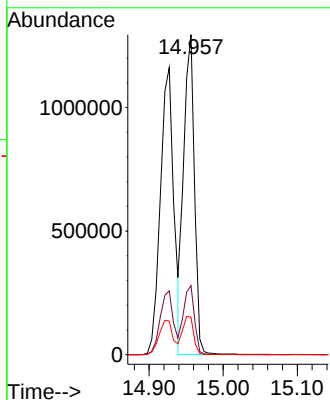
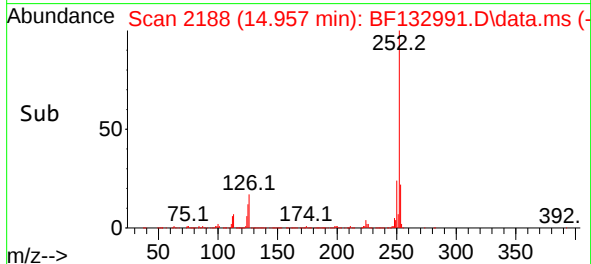
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



Tgt Ion:252 Resp: 131359
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.7 9.0 13.4

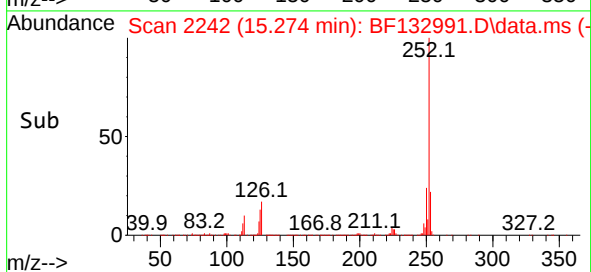
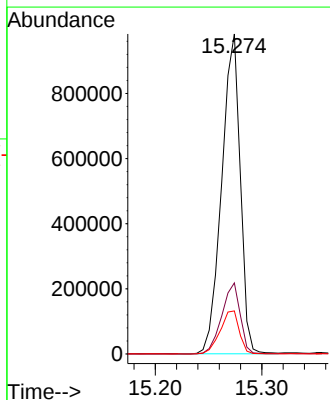
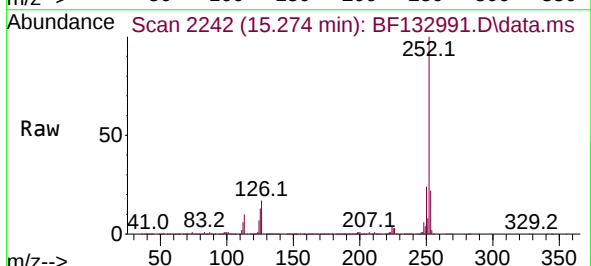
Manual Integrations
APPROVED

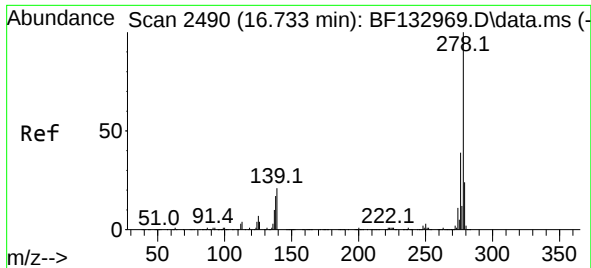
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#90
Benzo(a)pyrene
Concen: 40.015 ng
RT: 15.274 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

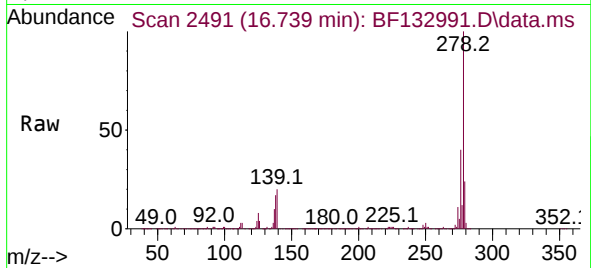
Tgt Ion:252 Resp: 1184816
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 13.4 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 46.487 ng
RT: 16.739 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58

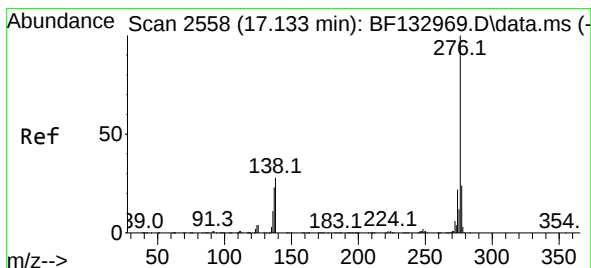
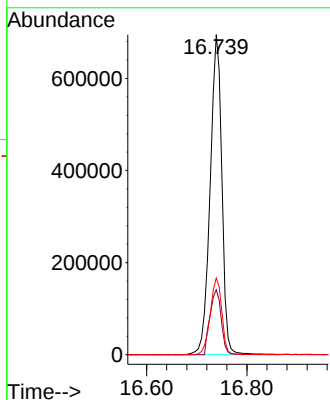
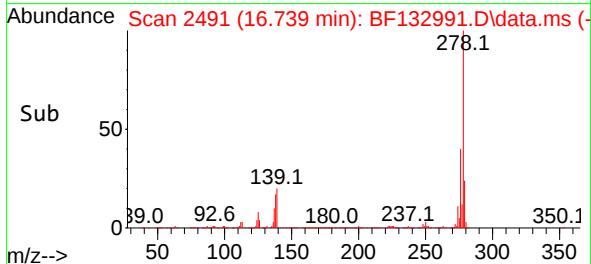
Instrument :
BNA_F
ClientSampleId :
PB152338BSD



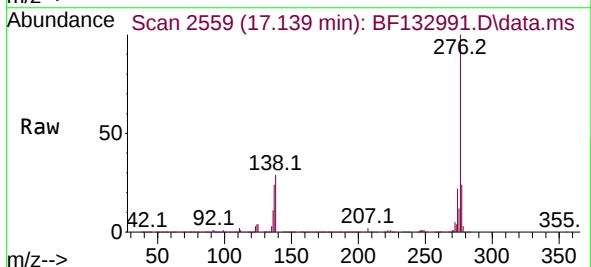
Tgt Ion:278 Resp: 1127710
Ion Ratio Lower Upper
278 100
139 20.3 16.6 24.8
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#92
Benzo(g,h,i)perylene
Concen: 46.380 ng
RT: 17.139 min Scan# 2559
Delta R.T. 0.006 min
Lab File: BF132991.D
Acq: 24 Apr 2023 12:58



Tgt Ion:276 Resp: 1110790
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 28.8 22.7 34.1

