

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130299.D
 Acq On : 16 Sep 2022 19:55
 Operator : CG\JU
 Sample : N4656-31MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/19/2022
 Supervised By : Jagrut Upadhyay 09/19/2022

Quant Time: Sep 17 03:28:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	88479	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	334438	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	167129	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	245087	20.000	ng	0.00
76) Chrysene-d12	13.804	240	145062	20.000	ng	0.00
86) Perylene-d12	15.198	264	178289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	643617	126.169	ng	0.01
7) Phenol-d6	6.310	99	814932	127.676	ng	0.00
23) Nitrobenzene-d5	7.240	82	543179	82.976	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	189867	118.562	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	977905	85.205	ng	0.00
79) Terphenyl-d14	12.763	244	689793	78.769	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.358	88	95270	40.665	ng	98
3) Pyridine	3.034	79	236701	38.731	ng	96
4) n-Nitrosodimethylamine	2.999	42	143364	43.131	ng	97
6) Aniline	6.334	93	321565	40.888	ng	99
8) 2-Chlorophenol	6.451	128	282879	48.680	ng	96
9) Benzaldehyde	6.216	77	177056	41.412	ng	97
10) Phenol	6.322	94	351954	47.052	ng	97
11) bis(2-Chloroethyl)ether	6.410	93	255681	47.390	ng	96
12) 1,3-Dichlorobenzene	6.610	146	310456	48.554	ng	96
13) 1,4-Dichlorobenzene	6.687	146	313815	48.128	ng	99
14) 1,2-Dichlorobenzene	6.840	146	297978	48.921	ng	97
15) Benzyl Alcohol	6.816	79	206149	40.735	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.951	45	345632	43.923	ng	95
17) 2-Methylphenol	6.928	107	215792	45.682	ng	98
18) Hexachloroethane	7.181	117	120585	46.917	ng	96
19) n-Nitroso-di-n-propyla...	7.093	70	192080	44.597	ng	94
20) 3+4-Methylphenols	7.087	107	271848	44.301	ng	93
22) Acetophenone	7.087	105	398957	48.793	ng	# 95
24) Nitrobenzene	7.257	77	299342	45.034	ng	94
25) Isophorone	7.498	82	516831	48.984	ng	98
26) 2-Nitrophenol	7.569	139	143212	52.558	ng	95
27) 2,4-Dimethylphenol	7.610	122	229059	54.596	ng	95
28) bis(2-Chloroethoxy)met...	7.710	93	308254	51.885	ng	99
29) 2,4-Dichlorophenol	7.810	162	223345	48.578	ng	98
30) 1,2,4-Trichlorobenzene	7.893	180	238214	47.923	ng	97
31) Naphthalene	7.975	128	805300	46.739	ng	99
32) Benzoic acid	7.681	122	25262	7.786	ng	91
33) 4-Chloroaniline	8.028	127	209077	31.905	ng	97
34) Hexachlorobutadiene	8.092	225	151284	47.622	ng	99
35) Caprolactam	8.392	113	55010m	41.736	ng	
36) 4-Chloro-3-methylphenol	8.510	107	238057	46.714	ng	99
37) 2-Methylnaphthalene	8.663	142	518019	47.154	ng	100
38) 1-Methylnaphthalene	8.763	142	486636	46.112	ng	99
40) 1,2,4,5-Tetrachloroben...	8.828	216	234017	51.308	ng	99
41) Hexachlorocyclopentadiene	8.816	237	312460	127.956	ng	98
43) 2,4,6-Trichlorophenol	8.939	196	147813	46.436	ng	96

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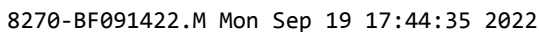
Quant Time: Sep 17 03:28:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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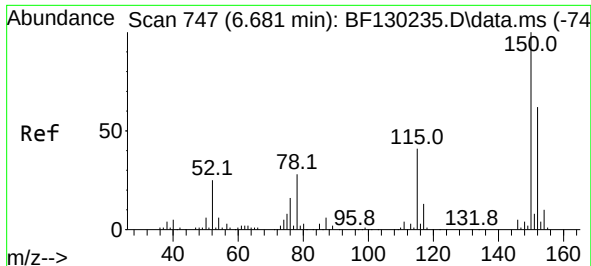
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.981	196	158171	46.047	ng	96
46) 1,1'-Biphenyl	9.128	154	618633	49.562	ng	98
47) 2-Chloronaphthalene	9.151	162	482428	47.779	ng	98
48) 2-Nitroaniline	9.251	65	142804	42.404	ng	91
49) Acenaphthylene	9.563	152	706535	46.670	ng	100
50) Dimethylphthalate	9.434	163	518393	44.904	ng	99
51) 2,6-Dinitrotoluene	9.492	165	113037	46.818	ng	93
52) Acenaphthene	9.734	154	449381m	45.178	ng	
53) 3-Nitroaniline	9.657	138	83602	31.075	ng	98
54) 2,4-Dinitrophenol	9.763	184	41435	35.417	ng	# 85
55) Dibenzofuran	9.904	168	632080	45.686	ng	99
56) 4-Nitrophenol	9.822	139	159736	81.518	ng	95
57) 2,4-Dinitrotoluene	9.892	165	142826	46.287	ng	94
58) Fluorene	10.245	166	499524	44.148	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.022	232	103141	38.362	ng	99
60) Diethylphthalate	10.128	149	499801	43.172	ng	99
61) 4-Chlorophenyl-phenyle...	10.245	204	232284	46.798	ng	94
62) 4-Nitroaniline	10.269	138	109159	40.390	ng	93
63) Azobenzene	10.404	77	485297	40.710	ng	96
65) 4,6-Dinitro-2-methylph...	10.292	198	43105	31.594	ng	98
66) n-Nitrosodiphenylamine	10.363	169	407243	49.724	ng	98
67) 4-Bromophenyl-phenylether	10.733	248	142045	52.537	ng	91
68) Hexachlorobenzene	10.786	284	158103	51.586	ng	93
69) Atrazine	10.892	200	120854	50.494	ng	97
70) Pentachlorophenol	10.981	266	119953	72.926	ng	99
71) Phenanthrene	11.204	178	627002	45.566	ng	99
72) Anthracene	11.257	178	629816	47.430	ng	99
73) Carbazole	11.410	167	537353	44.839	ng	99
74) Di-n-butylphthalate	11.751	149	645751	44.684	ng	98
75) Fluoranthene	12.386	202	538310	40.485	ng	97
77) Benzidine	12.516	184	376468	89.401	ng	99
78) Pyrene	12.610	202	526346	41.477	ng	100
80) Butylbenzylphthalate	13.239	149	210352	44.745	ng	98
81) Benzo(a)anthracene	13.798	228	450237	46.656	ng	100
82) 3,3'-Dichlorobenzidine	13.769	252	107869	41.063	ng	# 98
83) Chrysene	13.833	228	425418	46.428	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	277953	51.617	ng	100
85) Di-n-octyl phthalate	14.410	149	489217	59.398	ng	97
87) Indeno(1,2,3-cd)pyrene	16.527	276	647612	51.222	ng	99
88) Benzo(b)fluoranthene	14.810	252	551395	47.384	ng	98
89) Benzo(k)fluoranthene	14.833	252	511072	44.646	ng	99
90) Benzo(a)pyrene	15.139	252	484025	52.502	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	559913	53.984	ng	98
92) Benzo(g,h,i)perylene	16.927	276	545091	52.171	ng	98

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

Manual Integrations

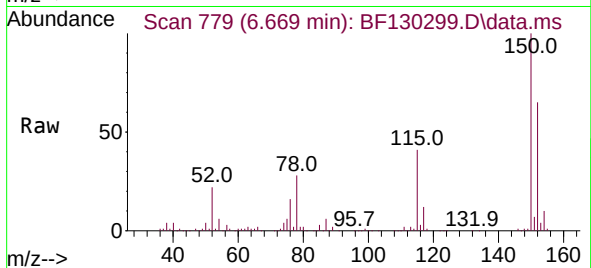
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

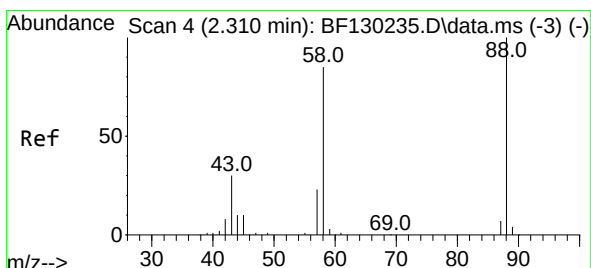
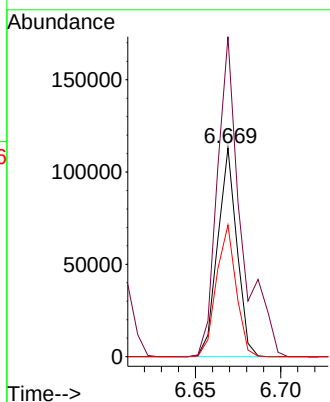
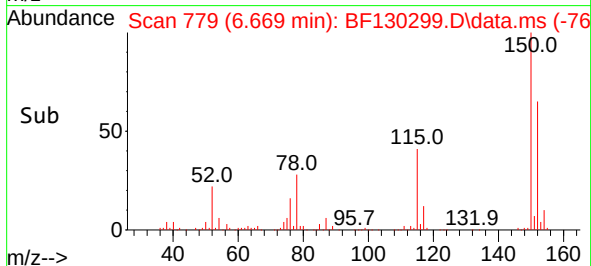
Instrument :
BNA_F
ClientSampleId :
SP-4MS



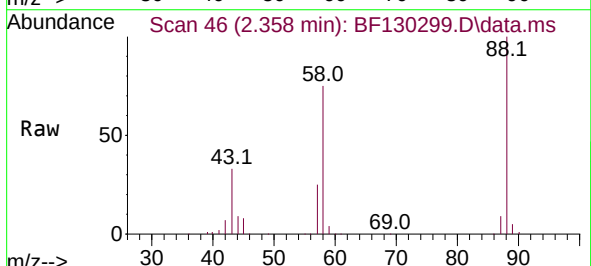
Tgt Ion: 152 Resp: 88479
Ion Ratio Lower Upper
152 100
150 153.3 122.8 184.2
115 63.0 53.8 80.8

Manual Integrations
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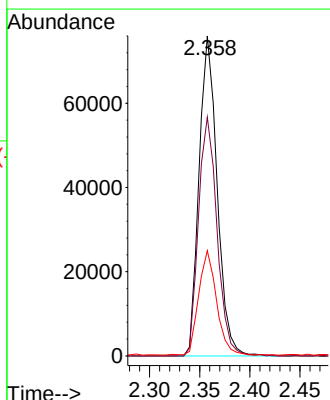
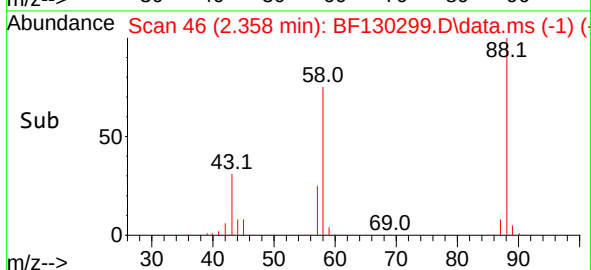
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

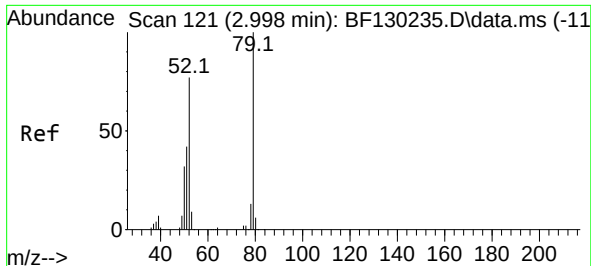


#2
1,4-Dioxane
Concen: 40.665 ng
RT: 2.358 min Scan# 46
Delta R.T. 0.053 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



Tgt Ion: 88 Resp: 95270
Ion Ratio Lower Upper
88 100
58 76.4 61.3 91.9
43 32.1 23.0 34.6





#3

Pyridine

Concen: 38.731 ng

RT: 3.034 min Scan# 10

Delta R.T. 0.047 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion: 79 Resp: 23670

Ion Ratio Lower Upper

79 100

52 73.8 62.4 93.6

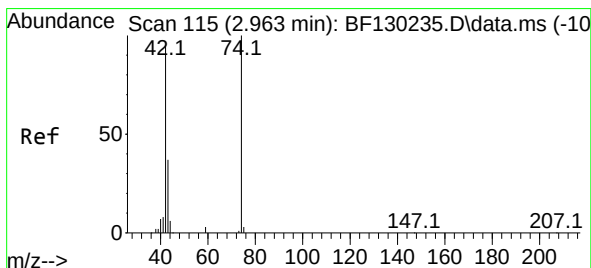
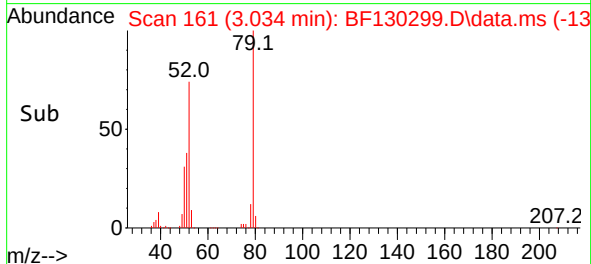
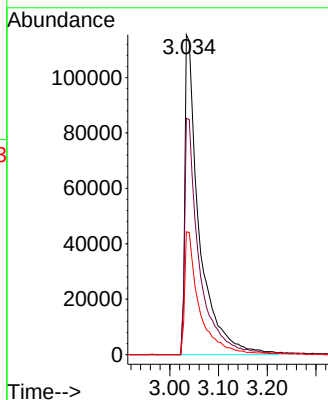
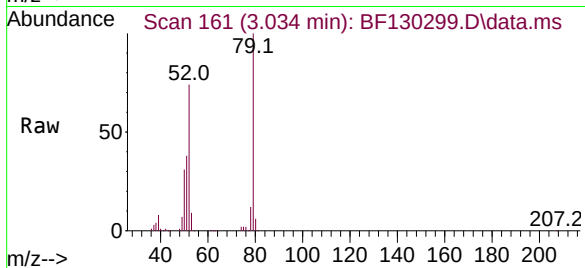
51 38.4 32.2 48.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.131 ng

RT: 2.999 min Scan# 155

Delta R.T. 0.047 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

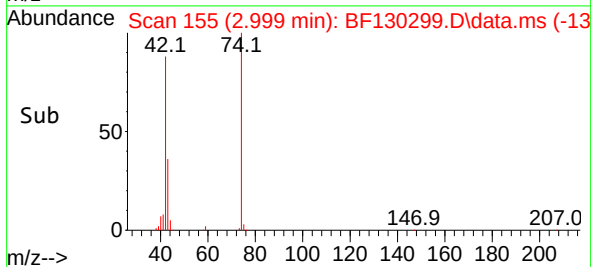
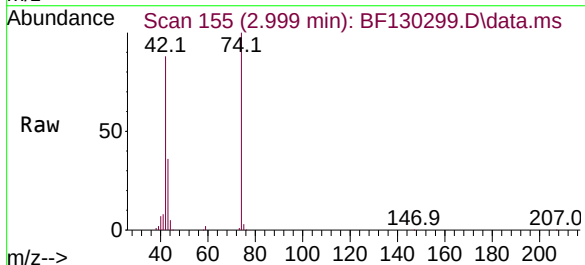
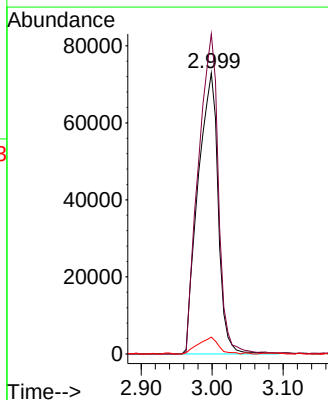
Tgt Ion: 42 Resp: 143364

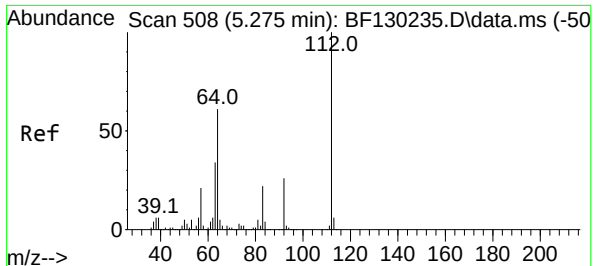
Ion Ratio Lower Upper

42 100

74 113.9 88.4 132.6

44 5.9 5.0 7.4





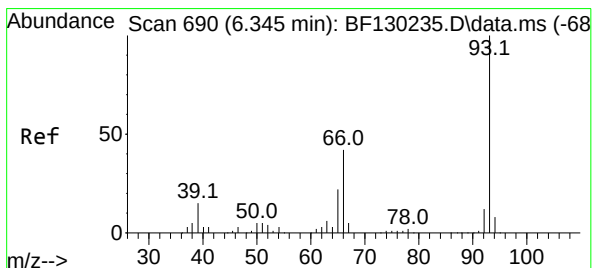
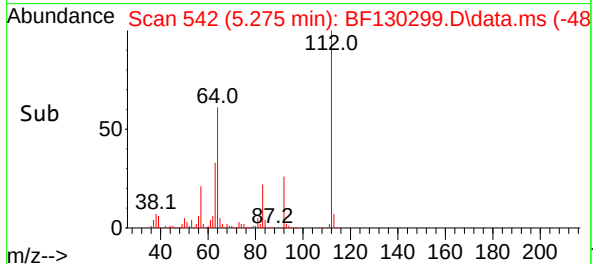
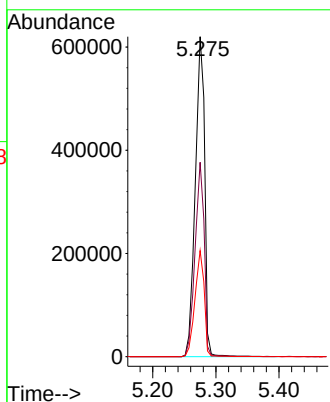
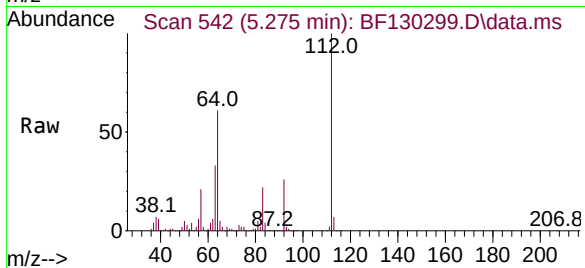
#5
2-Fluorophenol
Concen: 126.169 ng
RT: 5.275 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:112 Resp: 643617
Ion Ratio Lower Upper
112 100
64 60.7 51.4 77.0
63 33.1 28.8 43.2

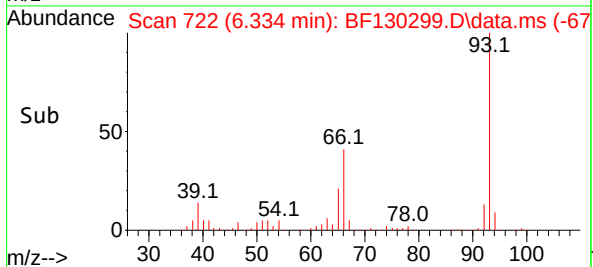
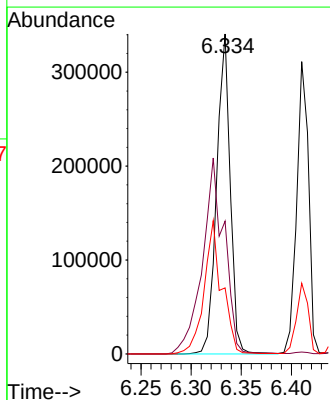
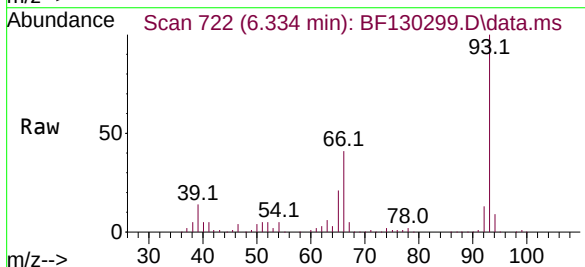
Manual Integrations
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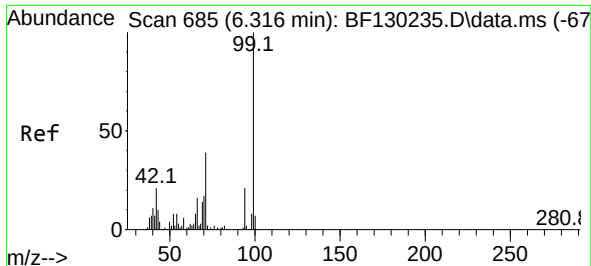
Reviewed By :Christian Giraldo 09/19/2022
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#6
Aniline
Concen: 40.888 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

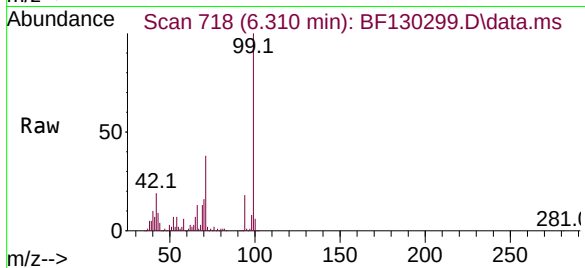
Tgt Ion: 93 Resp: 321565
Ion Ratio Lower Upper
93 100
66 41.5 34.2 51.4
65 20.6 16.6 24.8





#7
Phenol-d6
Concen: 127.676 ng
RT: 6.310 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

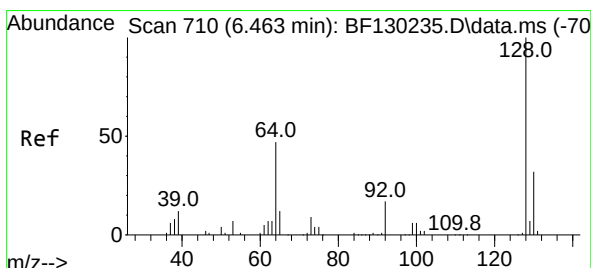
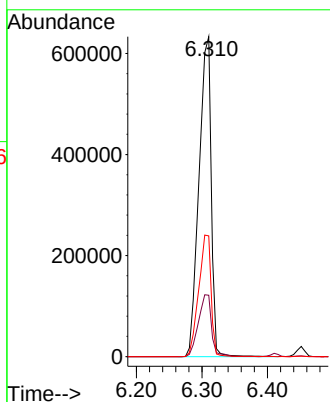
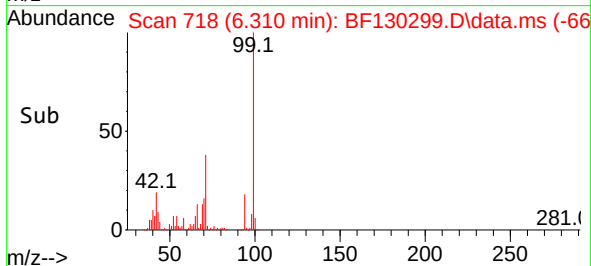
Instrument :
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Tgt Ion: 99 Resp: 814932
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 37.7 32.3 48.5

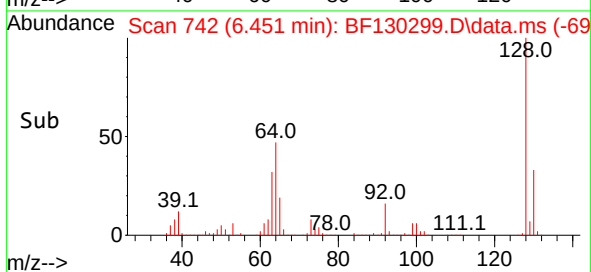
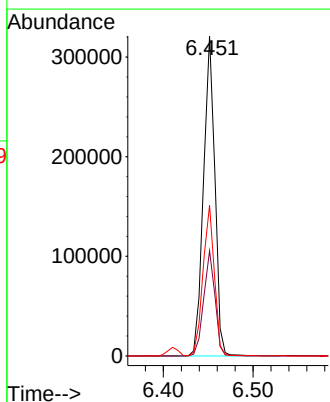
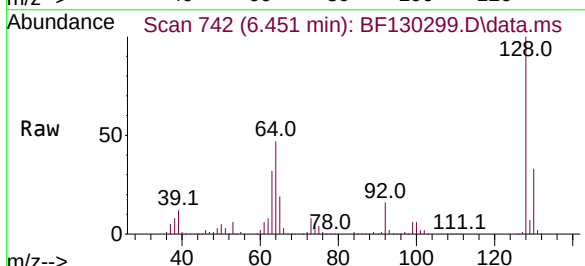
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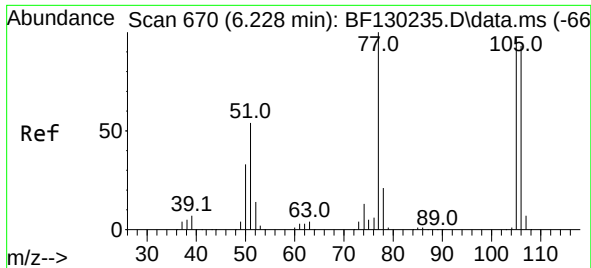
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#8
2-Chlorophenol
Concen: 48.680 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:128 Resp: 282879
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 47.1 31.6 71.6





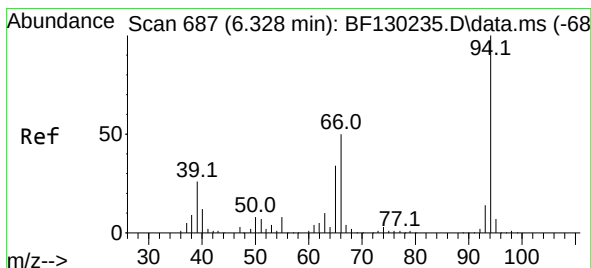
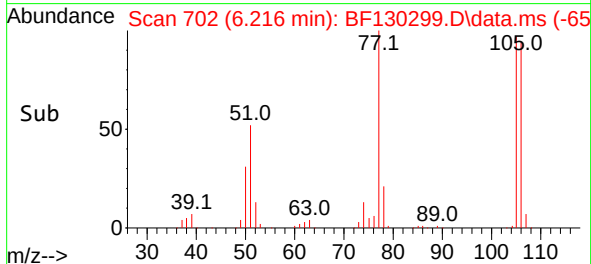
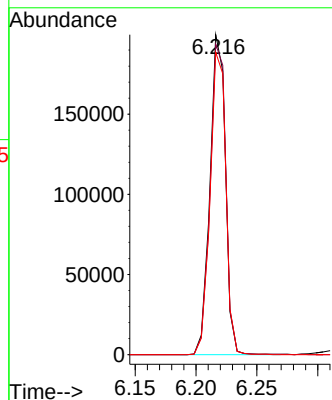
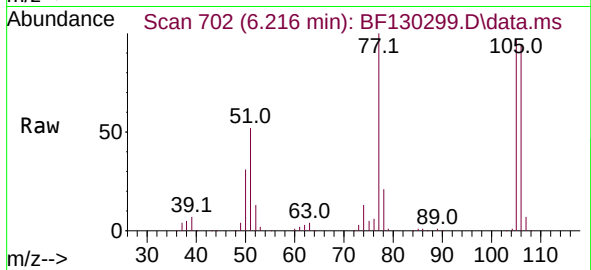
#9
Benzaldehyde
Concen: 41.412 ng
RT: 6.216 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

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Tgt Ion: 77 Resp: 177056
Ion Ratio Lower Upper
77 100
105 97.0 75.1 115.1
106 94.5 69.7 109.7

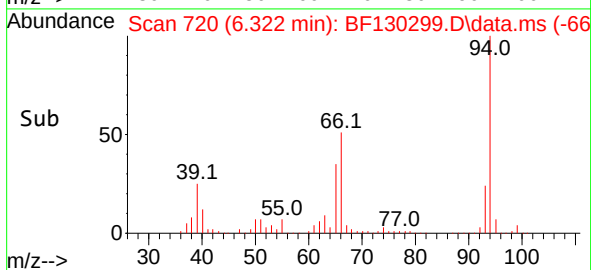
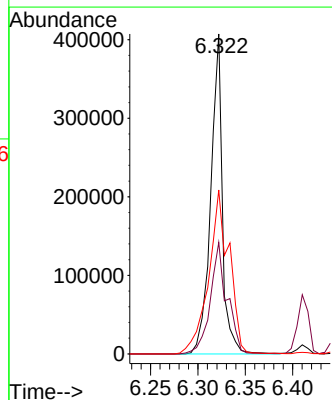
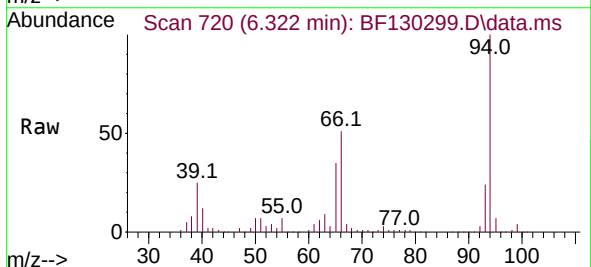
Manual Integrations
APPROVED

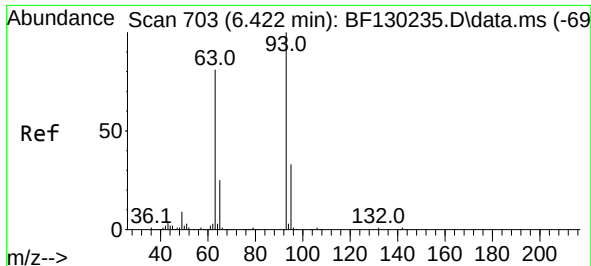
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#10
Phenol
Concen: 47.052 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

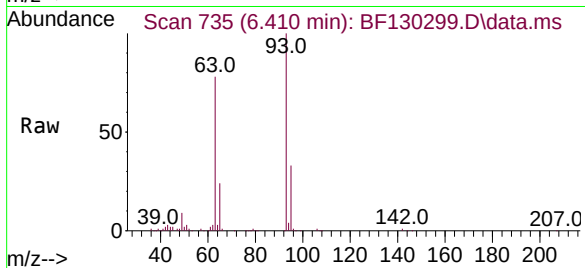
Tgt Ion: 94 Resp: 351954
Ion Ratio Lower Upper
94 100
65 34.8 14.1 54.1
66 51.2 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 47.390 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

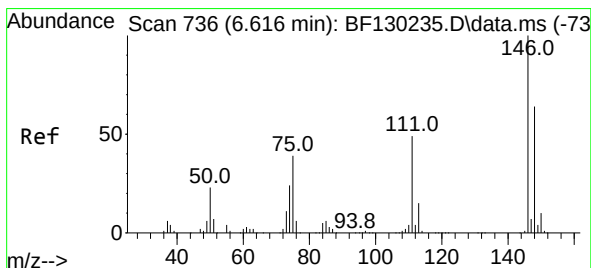
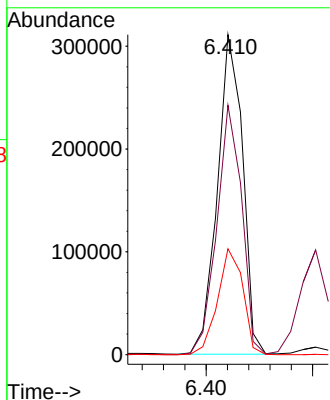
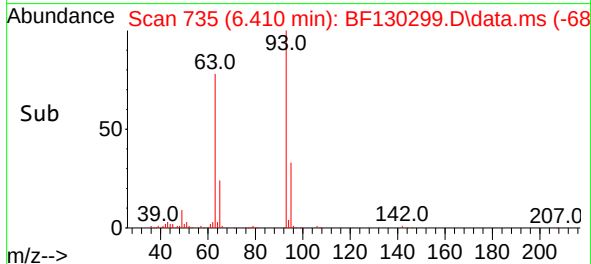
Instrument :
BNA_F
ClientSampleId :
SP-4MS



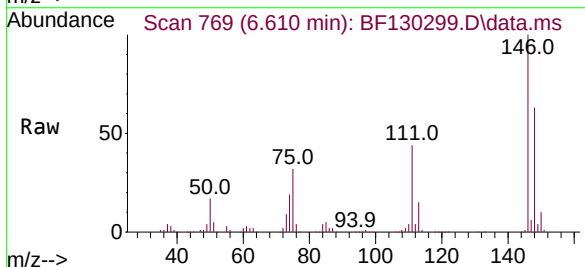
Tgt Ion: 93 Resp: 25568
Ion Ratio Lower Upper
93 100
63 77.9 62.5 102.5
95 33.1 12.5 52.5

Manual Integrations
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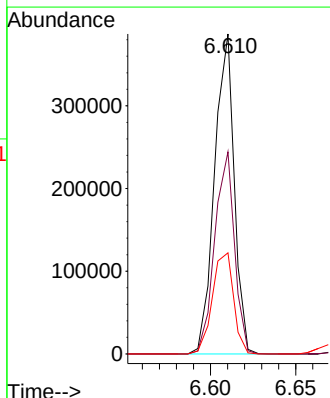
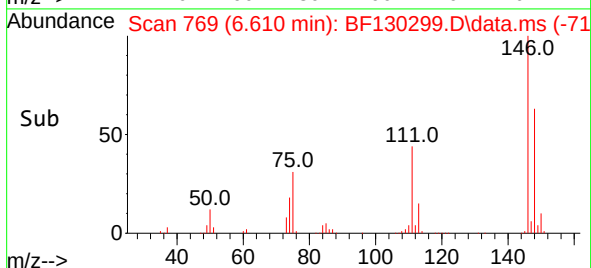
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

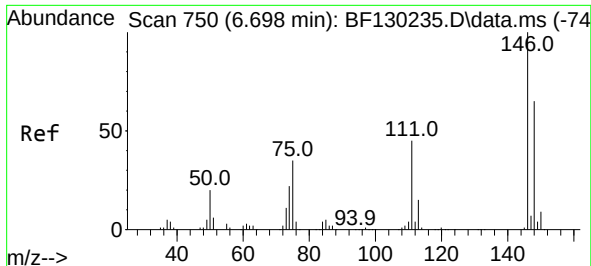


#12
1,3-Dichlorobenzene
Concen: 48.554 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



Tgt Ion:146 Resp: 310456
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
75 31.6 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 48.128 ng

RT: 6.687 min Scan# 782

Delta R.T. 0.000 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion:146 Resp: 313815

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

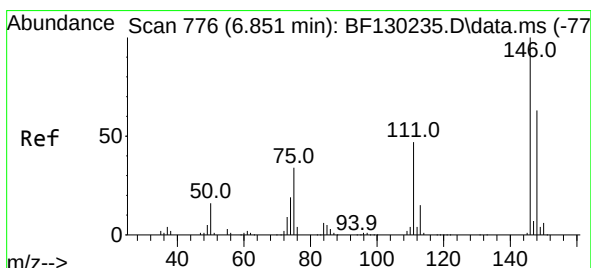
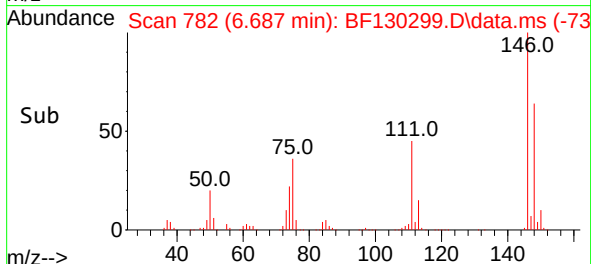
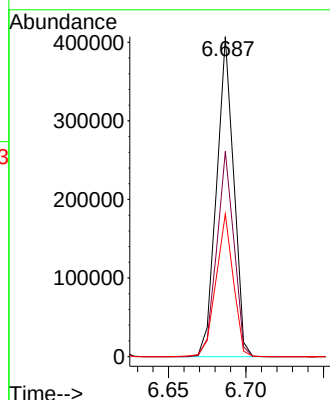
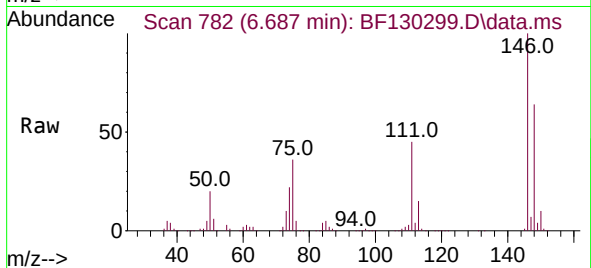
111 44.6 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#14

1,2-Dichlorobenzene

Concen: 48.921 ng

RT: 6.840 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

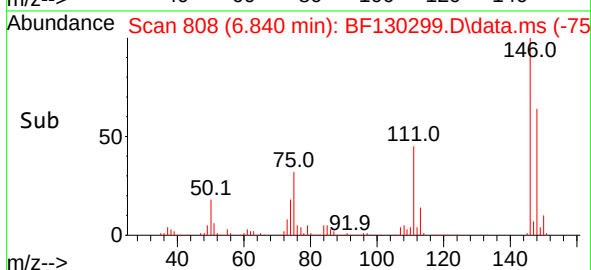
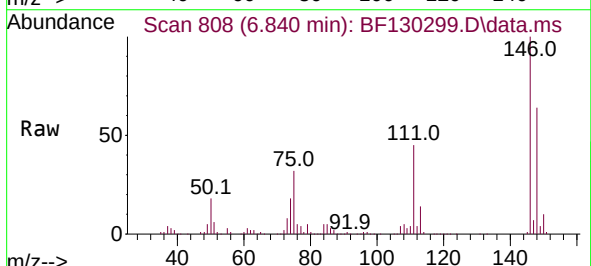
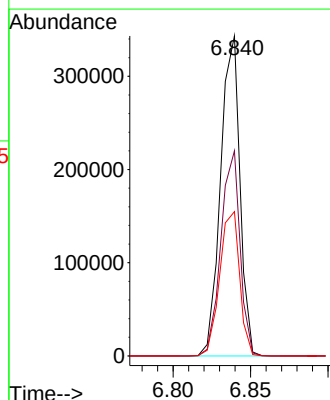
Tgt Ion:146 Resp: 297978

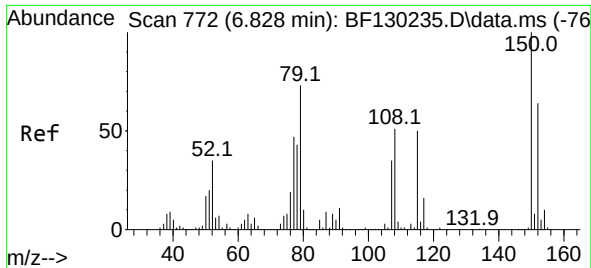
Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

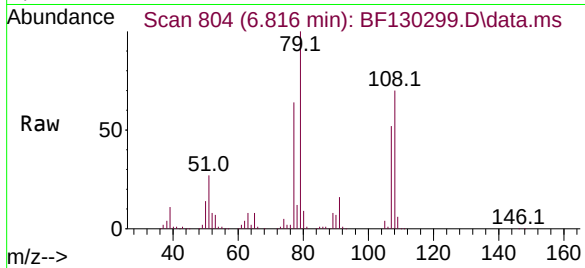
111 45.1 39.2 58.8





#15
Benzyl Alcohol
Concen: 40.735 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

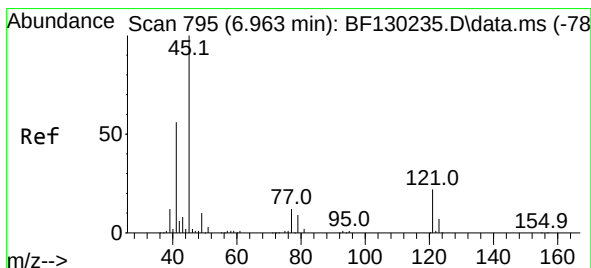
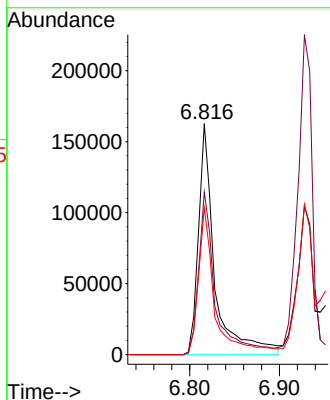
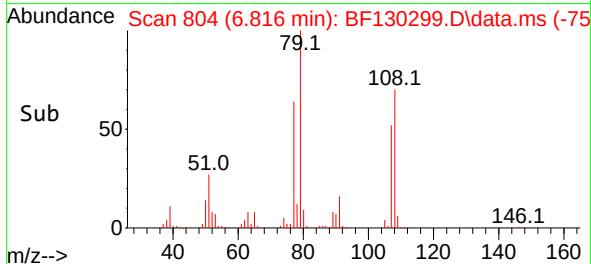
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion: 79 Resp: 206149
Ion Ratio Lower Upper
79 100
108 70.4 54.0 81.0
77 63.6 51.3 76.9

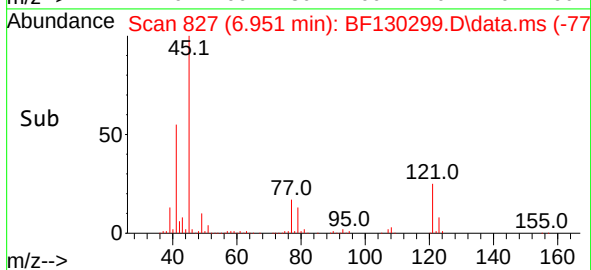
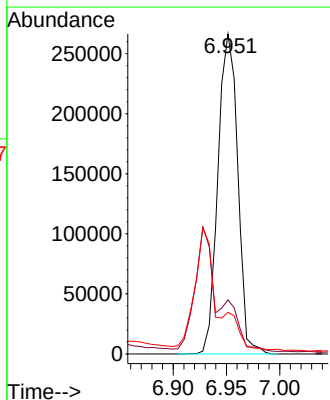
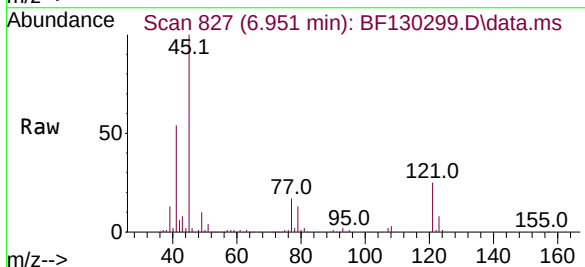
Manual Integrations
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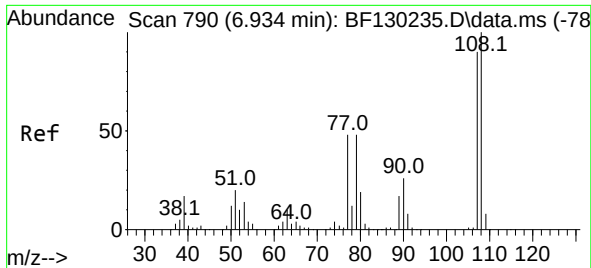
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.923 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

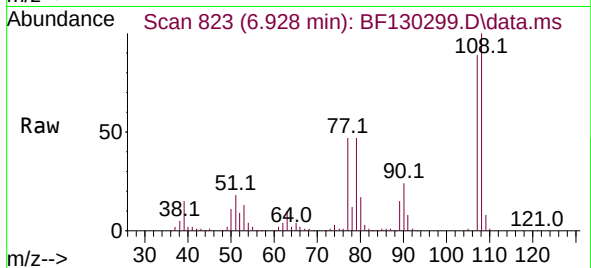
Tgt Ion: 45 Resp: 345632
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.9
79 13.0 0.0 31.0





#17
2-Methylphenol
Concen: 45.682 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

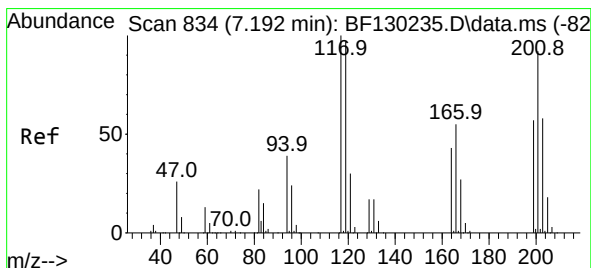
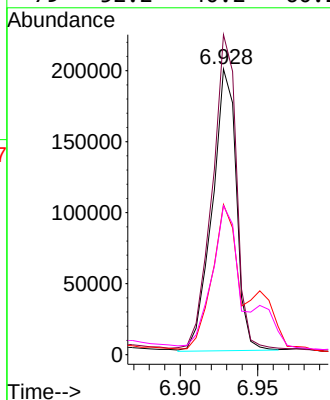
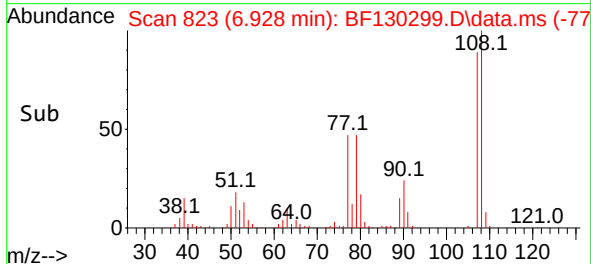


Tgt Ion:107 Resp: 215792

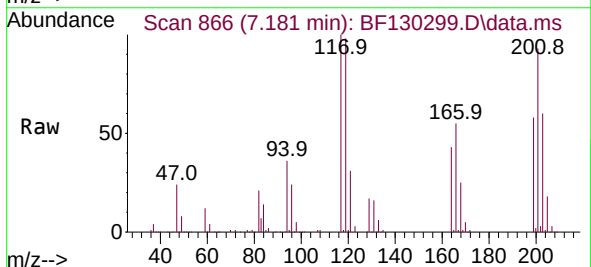
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.4	134.0
77	52.6	40.6	60.8
79	52.2	40.2	60.2

Manual Integrations
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Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

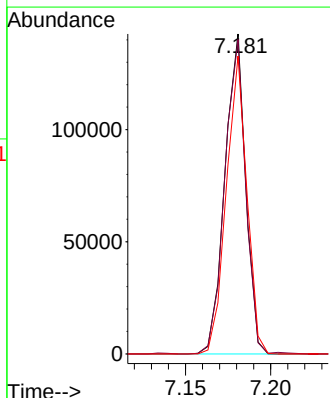
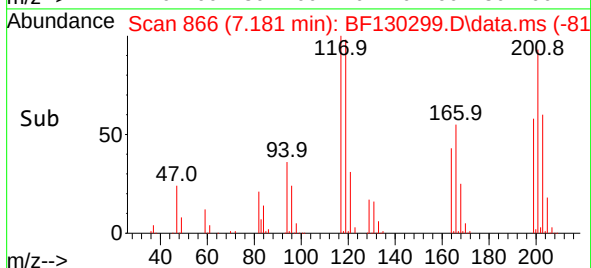


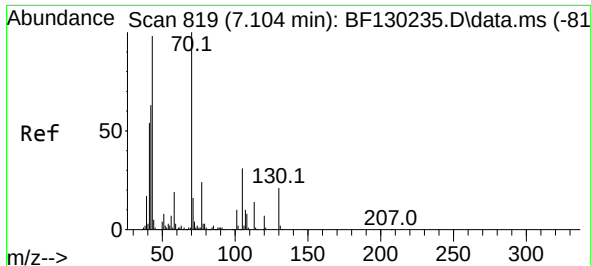
#18
Hexachloroethane
Concen: 46.917 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



Tgt Ion:117 Resp: 120585

Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.8	116.6
201	93.1	68.7	103.1





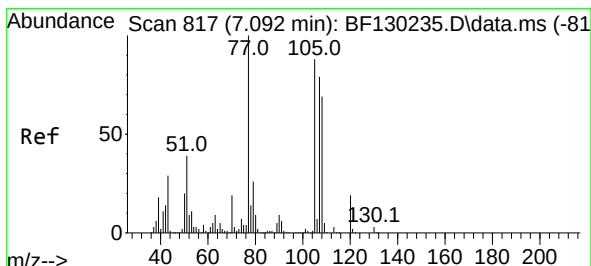
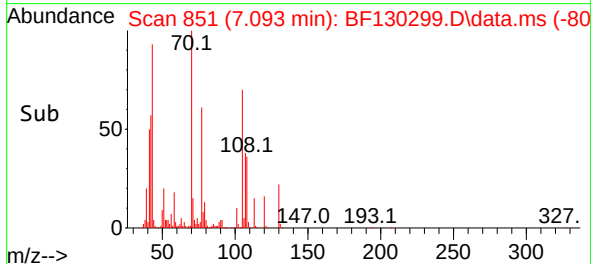
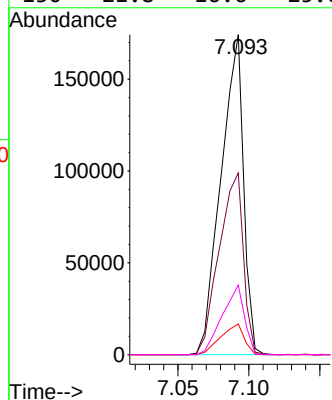
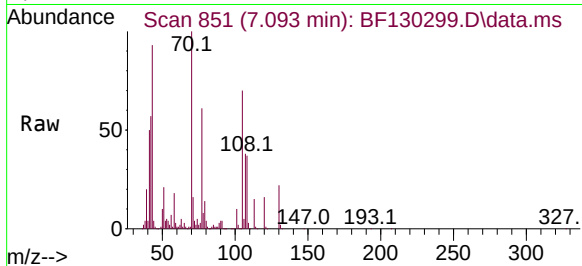
#19
n-Nitroso-di-n-propylamine
Concen: 44.597 ng
RT: 7.093 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion: 70 Resp: 192080
Ion Ratio Lower Upper
70 100
42 56.8 50.8 76.2
101 9.6 8.2 12.4
130 21.8 16.6 25.0

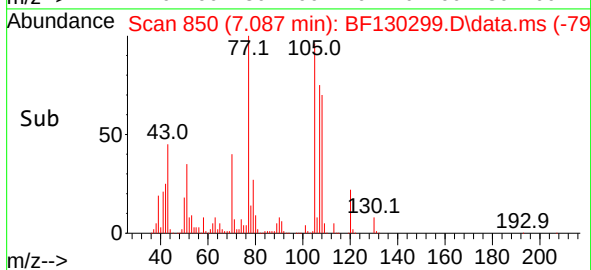
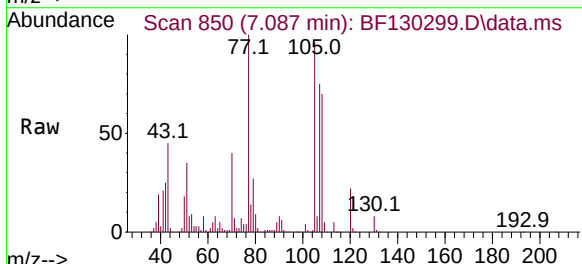
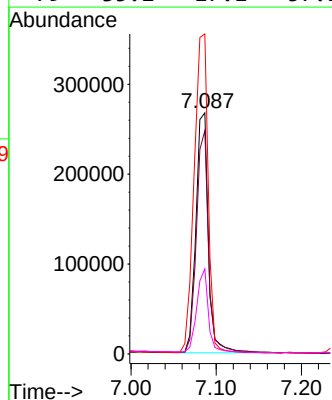
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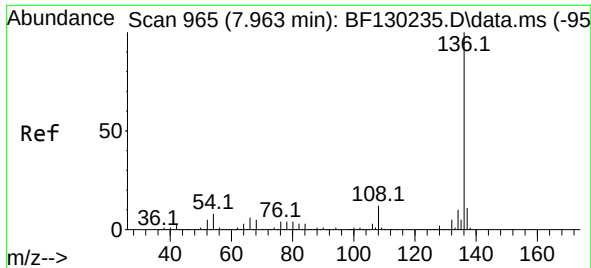
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#20
3+4-Methylphenols
Concen: 44.301 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

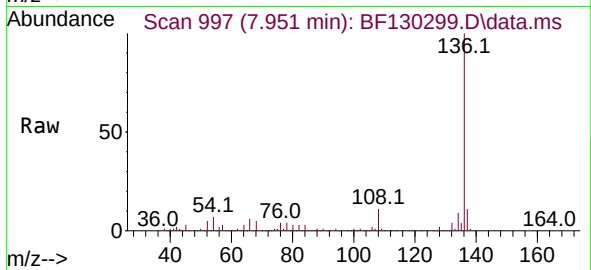
Tgt Ion:107 Resp: 271848
Ion Ratio Lower Upper
107 100
108 92.5 74.8 114.8
77 132.7 125.8 165.8
79 35.2 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

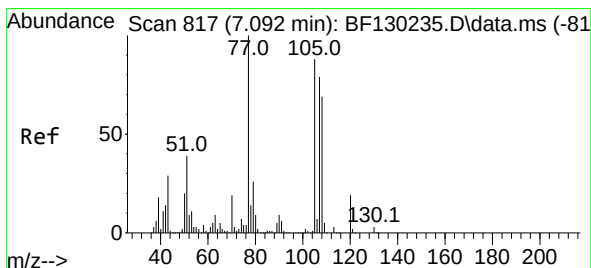
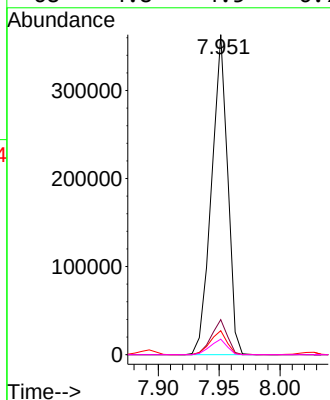
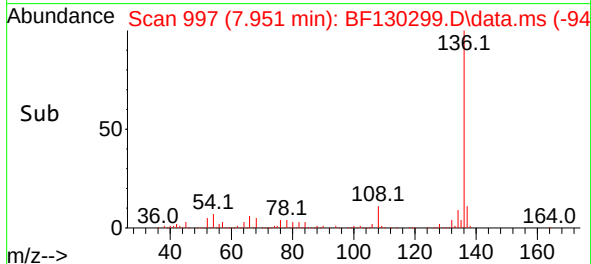
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:136 Resp: 334438
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.5 7.1 10.7
68 4.8 4.5 6.7

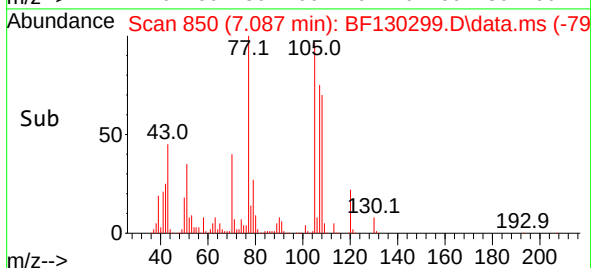
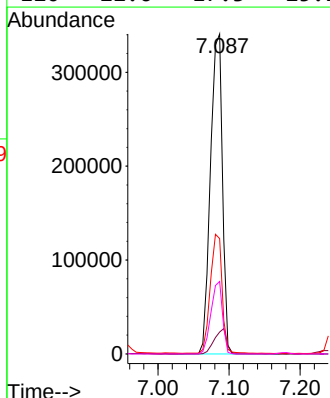
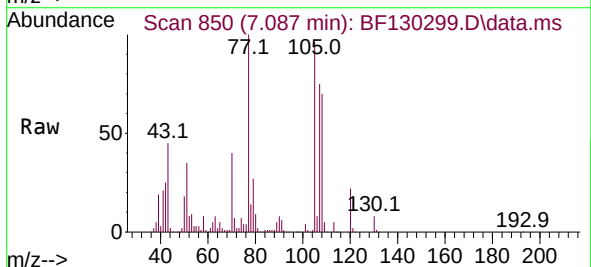
Manual Integrations
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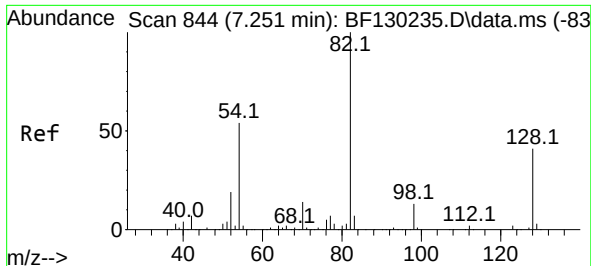
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#22
Acetophenone
Concen: 48.793 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:105 Resp: 398957
Ion Ratio Lower Upper
105 100
71 6.8 3.9 5.9#
51 36.0 32.2 48.2
120 22.6 17.3 25.9





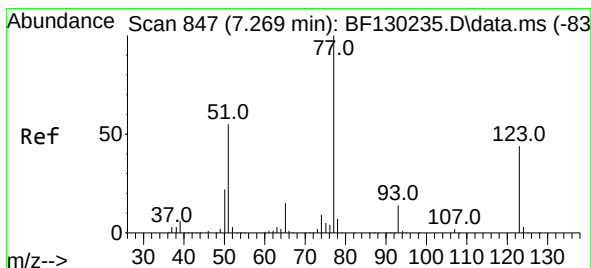
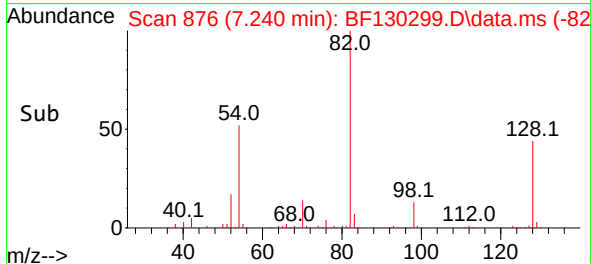
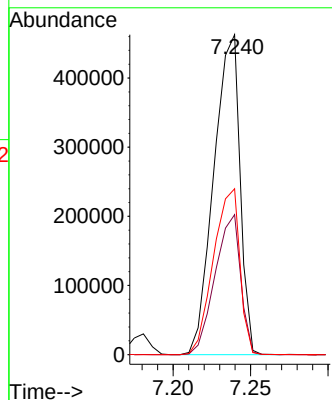
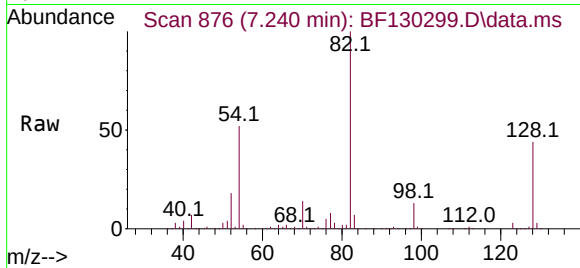
#23
Nitrobenzene-d5
Concen: 82.976 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion: 82 Resp: 543179
Ion Ratio Lower Upper
82 100
128 43.7 32.6 49.0
54 51.8 43.8 65.6

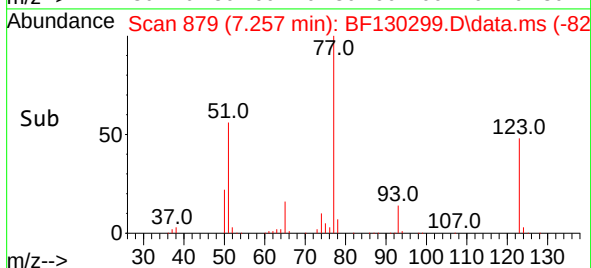
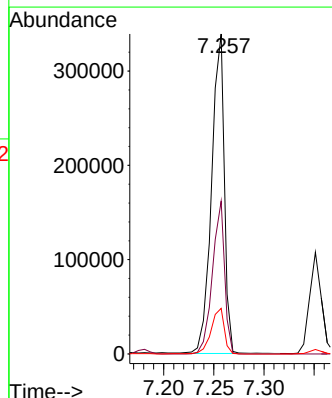
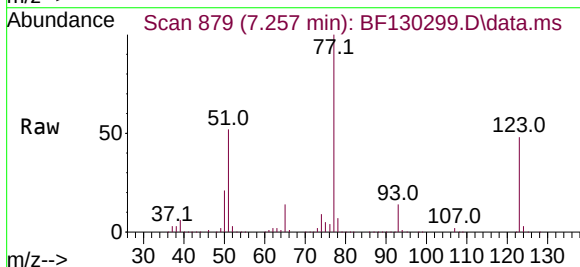
Manual Integrations
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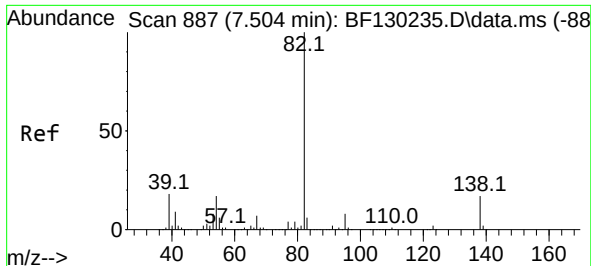
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#24
Nitrobenzene
Concen: 45.034 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion: 77 Resp: 299342
Ion Ratio Lower Upper
77 100
123 47.7 34.3 51.5
65 14.2 12.0 18.0





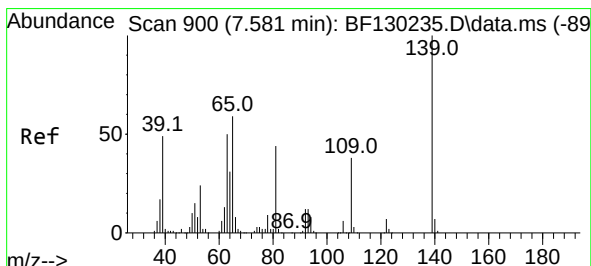
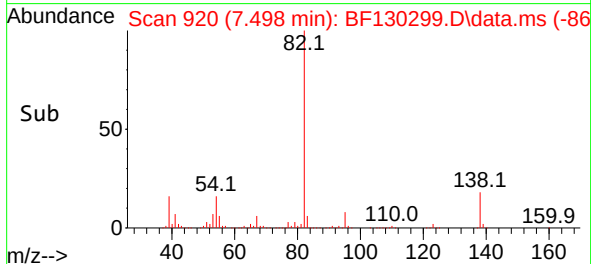
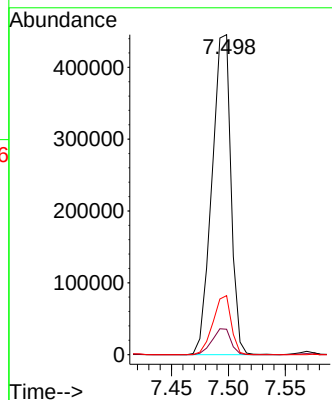
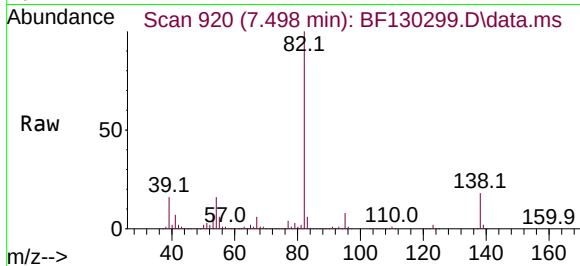
#25
Isophorone
Concen: 48.984 ng
RT: 7.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion: 82 Resp: 51683
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.4 13.8 20.6

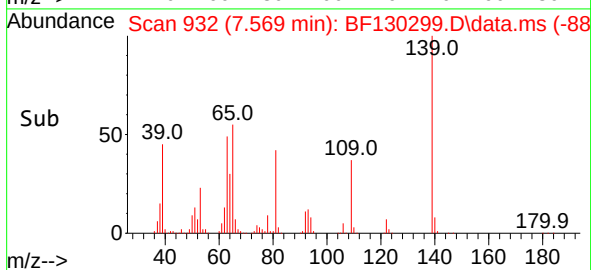
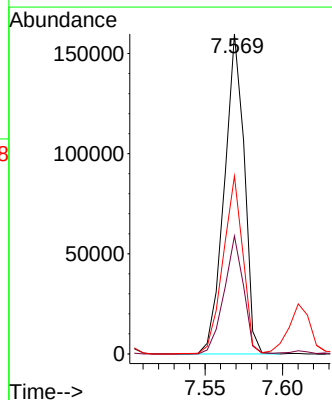
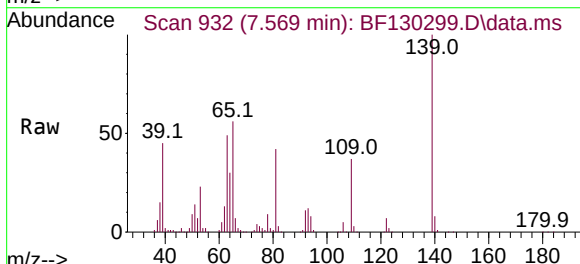
Manual Integrations
APPROVED

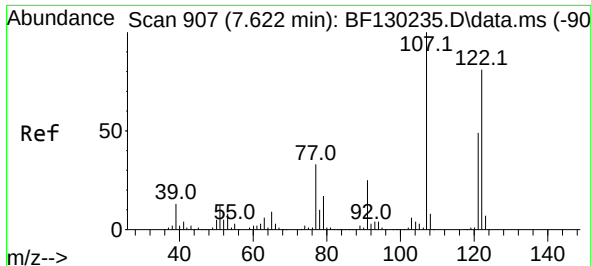
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#26
2-Nitrophenol
Concen: 52.558 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:139 Resp: 143212
Ion Ratio Lower Upper
139 100
109 36.8 30.2 45.4
65 55.6 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 54.596 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Instrument :

BNA_F

ClientSampleId :

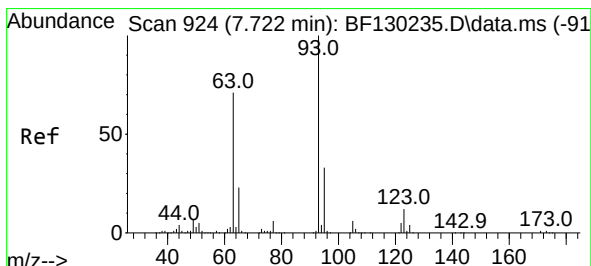
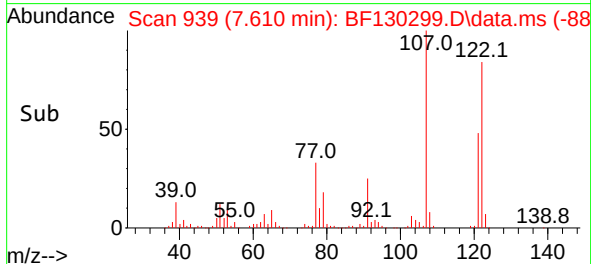
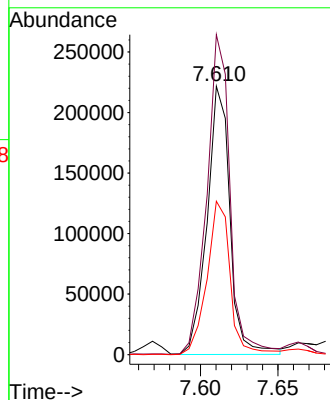
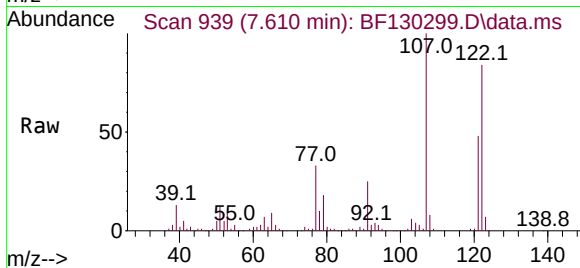
SP-4MS

Tgt Ion:122 Resp: 229059
 Ion Ratio Lower Upper
 122 100
 107 119.3 100.2 150.2
 121 57.2 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.885 ng

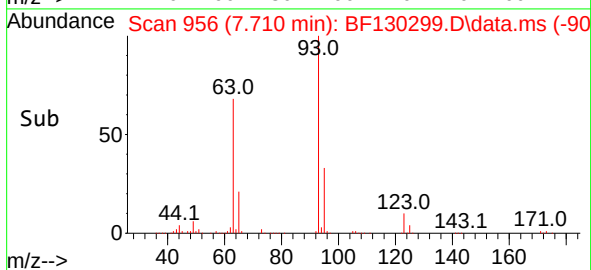
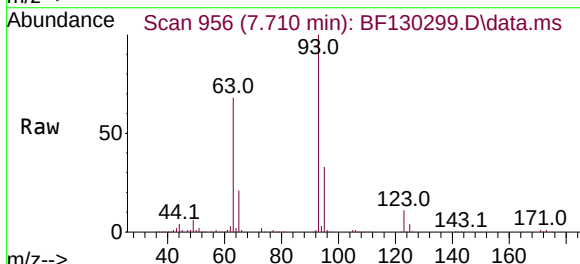
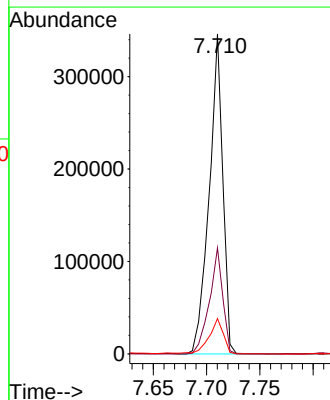
RT: 7.710 min Scan# 956

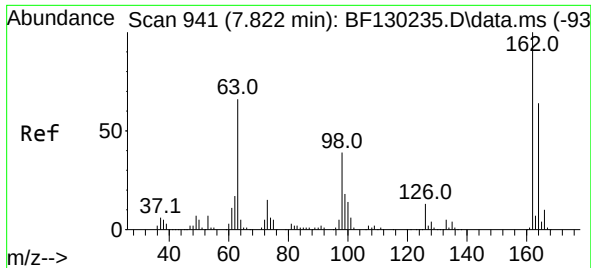
Delta R.T. -0.006 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Tgt Ion: 93 Resp: 308254
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 48.578 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Instrument :

BNA_F

ClientSampleId :

SP-4MS

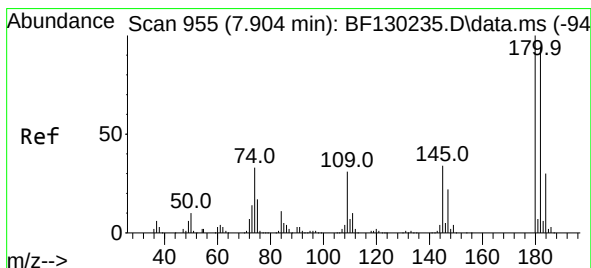
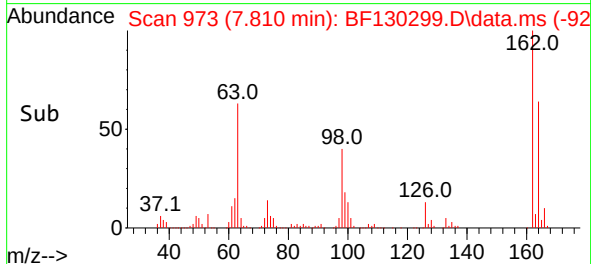
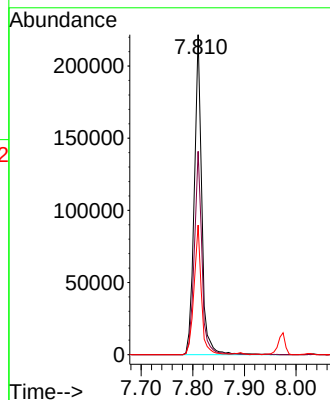
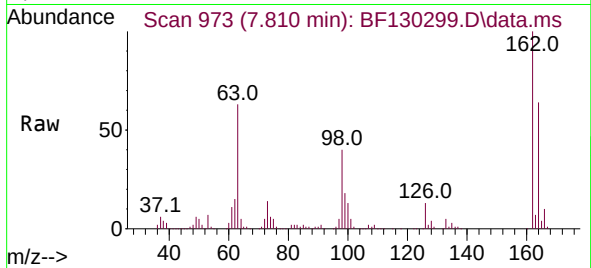
Tgt Ion:162	Resp: 223345
Ion Ratio	Lower Upper
162 100	
164 63.5	42.2 82.2
98 40.5	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.923 ng

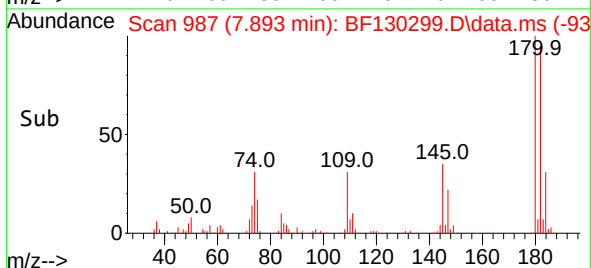
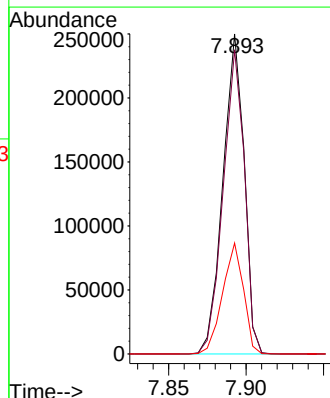
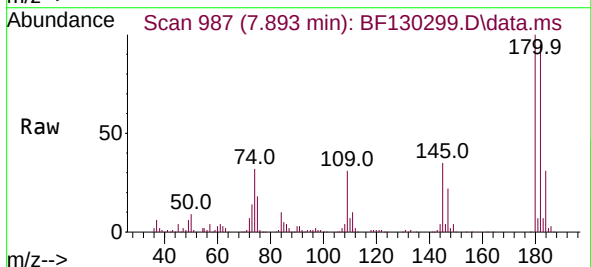
RT: 7.893 min Scan# 987

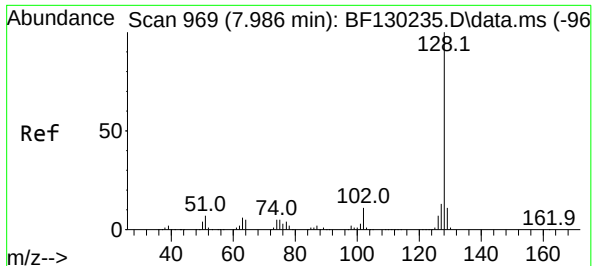
Delta R.T. -0.006 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

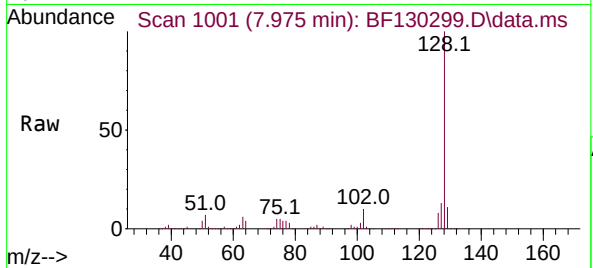
Tgt Ion:180	Resp: 238214
Ion Ratio	Lower Upper
180 100	
182 95.0	73.3 109.9
145 34.6	28.3 42.5





#31
Naphthalene
Concen: 46.739 ng
RT: 7.975 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

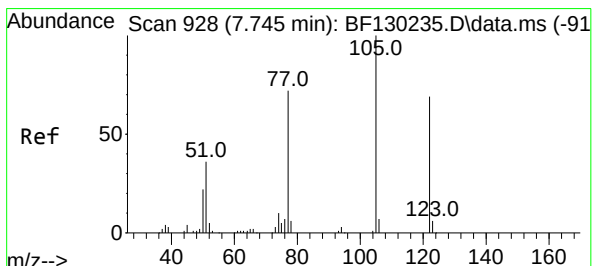
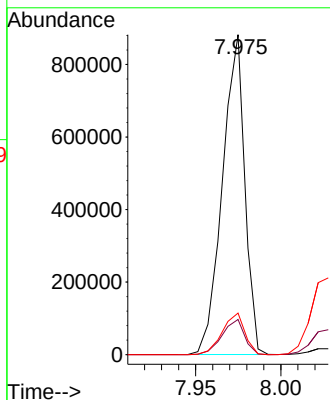
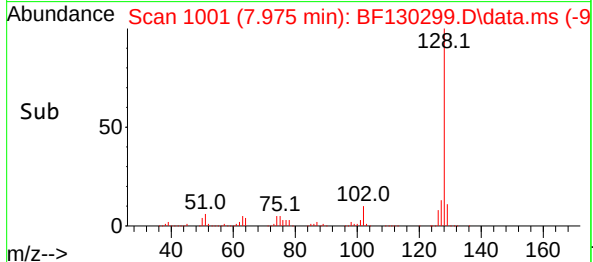
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:128 Resp: 805300
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 10.6 16.0

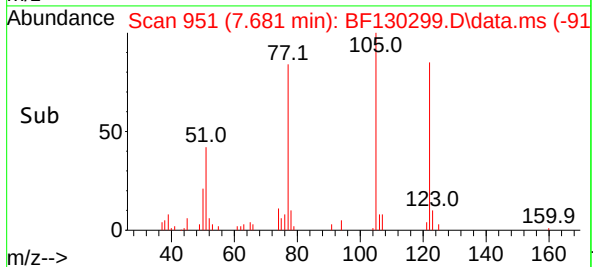
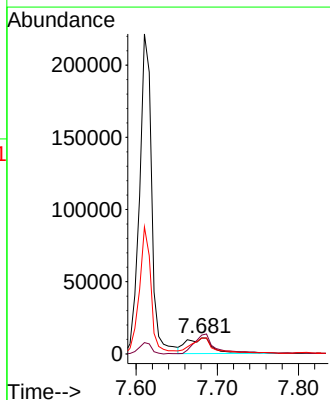
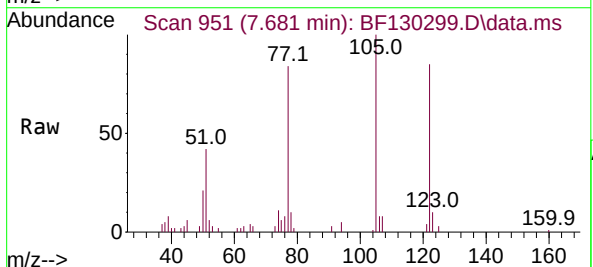
Manual Integrations
APPROVED

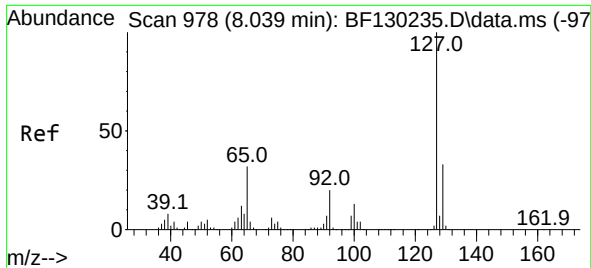
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#32
Benzoic acid
Concen: 7.786 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.059 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:122 Resp: 25262
Ion Ratio Lower Upper
122 100
105 117.6 112.9 152.9
77 99.2 82.8 122.8





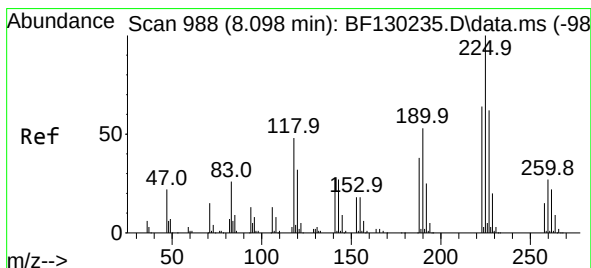
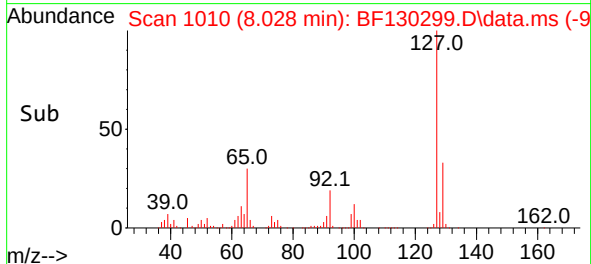
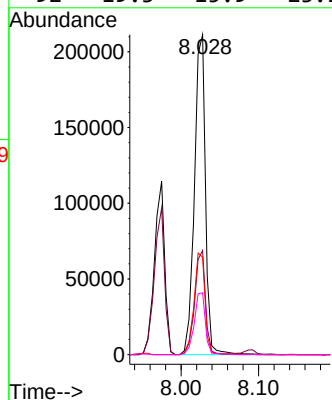
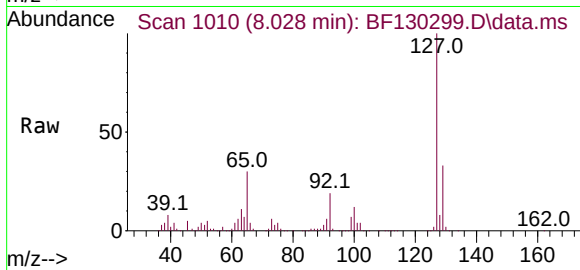
#33
4-Chloroaniline
Concen: 31.905 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:	127	Resp:	20907
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.6	38.4
65	30.4	27.0	40.6
92	19.3	15.9	23.9

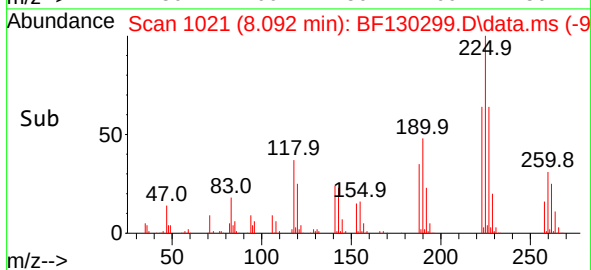
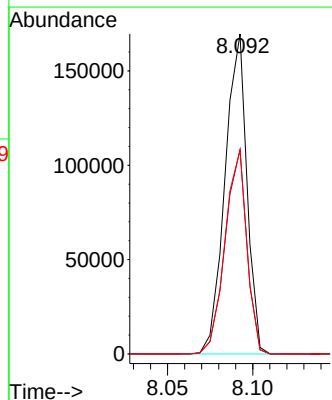
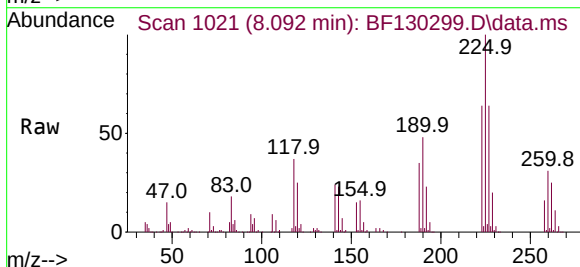
Manual Integrations
APPROVED

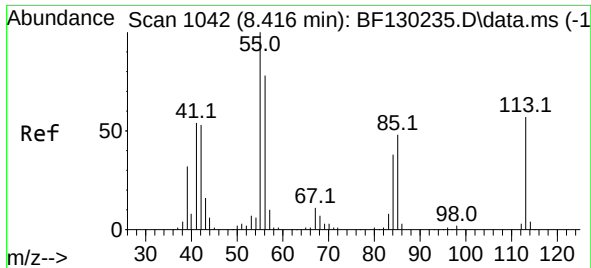
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#34
Hexachlorobutadiene
Concen: 47.622 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

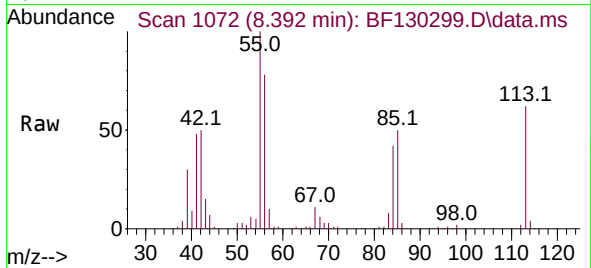
Tgt Ion:	225	Resp:	151284
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.3	75.5
227	63.7	51.1	76.7





#35
Caprolactam
Concen: 41.736 ng m
RT: 8.392 min Scan# 1072
Delta R.T. -0.012 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

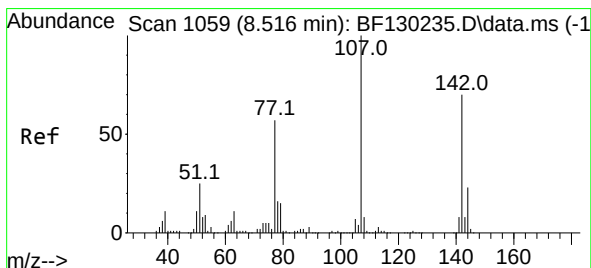
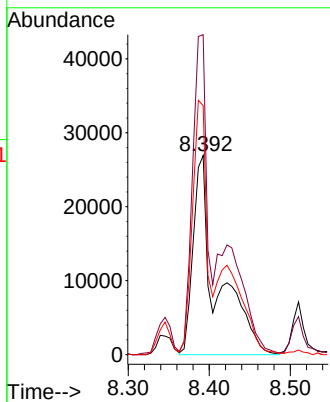
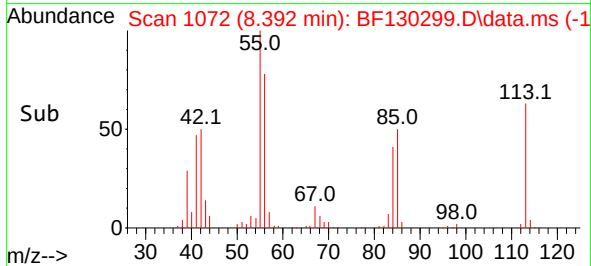
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:113 Resp: 55010
Ion Ratio Lower Upper
113 100
55 160.7 155.4 195.4
56 125.0 120.4 160.4

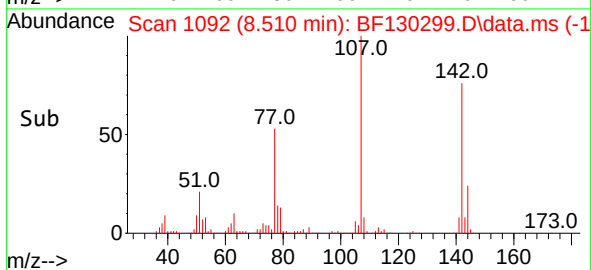
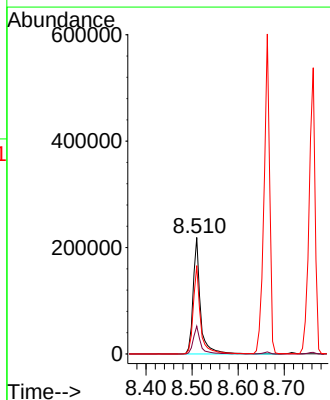
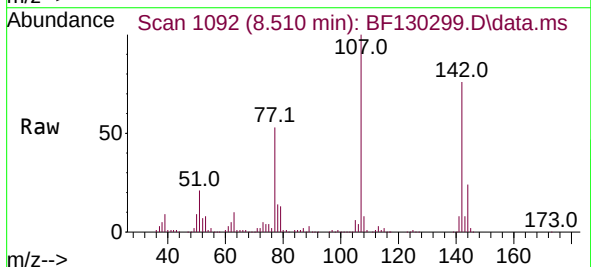
Manual Integrations
APPROVED

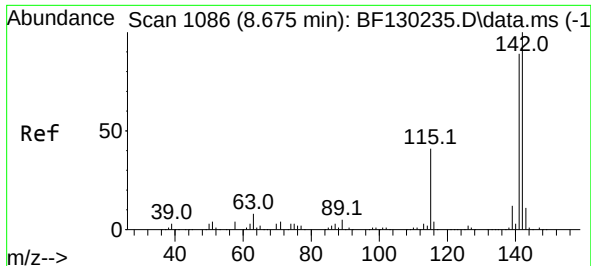
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#36
4-Chloro-3-methylphenol
Concen: 46.714 ng
RT: 8.510 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:107 Resp: 238057
Ion Ratio Lower Upper
107 100
144 23.8 20.0 30.0
142 75.8 61.3 91.9





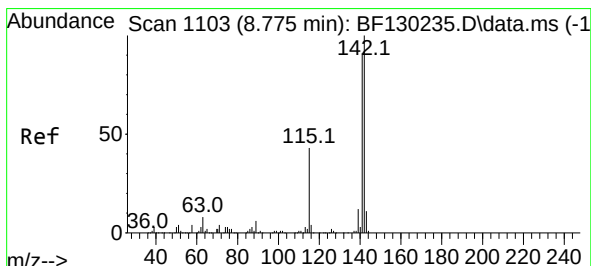
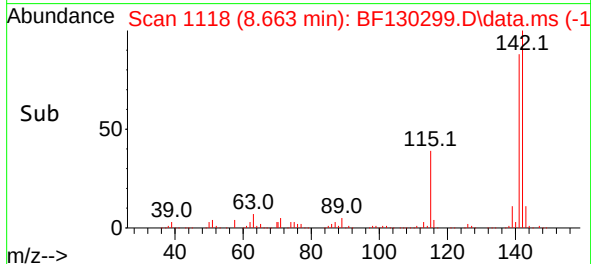
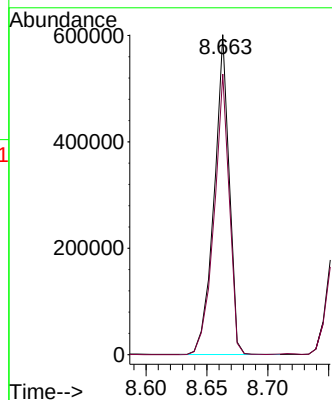
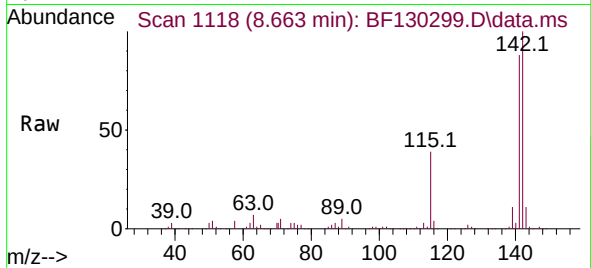
#37
2-Methylnaphthalene
Concen: 47.154 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:142 Resp: 518019
Ion Ratio Lower Upper
142 100
141 87.7 70.0 105.0

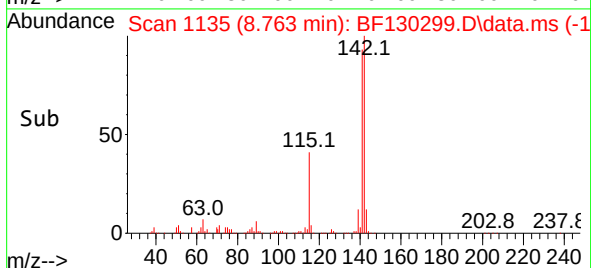
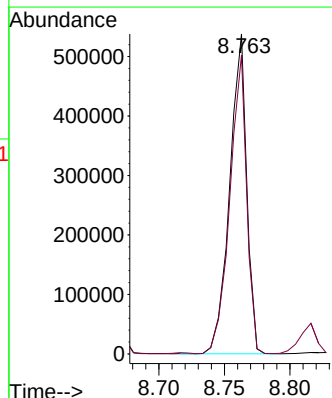
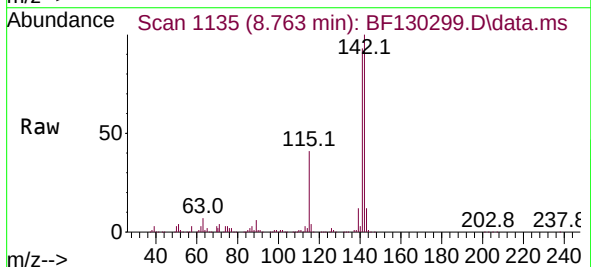
Manual Integrations
APPROVED

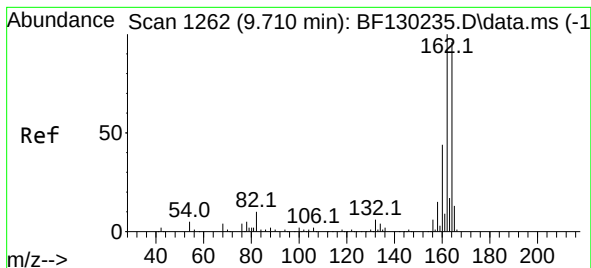
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#38
1-Methylnaphthalene
Concen: 46.112 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:142 Resp: 486636
Ion Ratio Lower Upper
142 100
141 93.4 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.698 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion:164 Resp: 167129

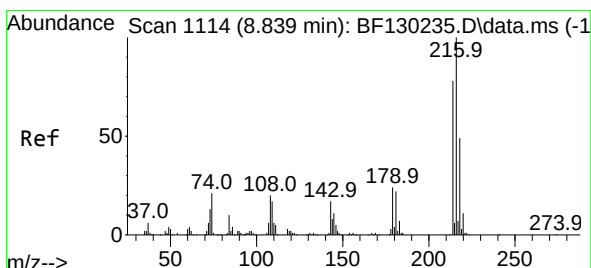
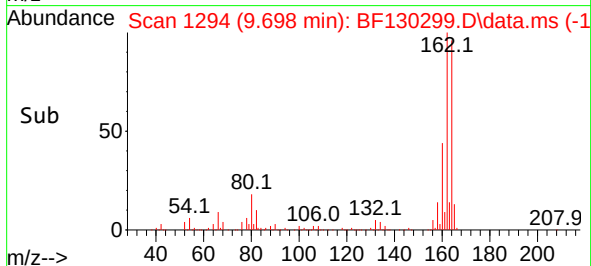
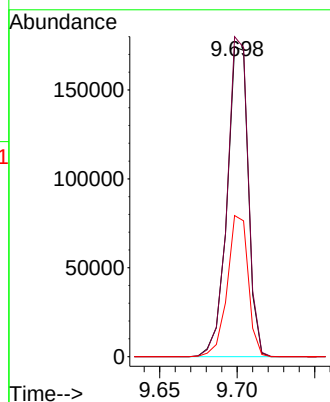
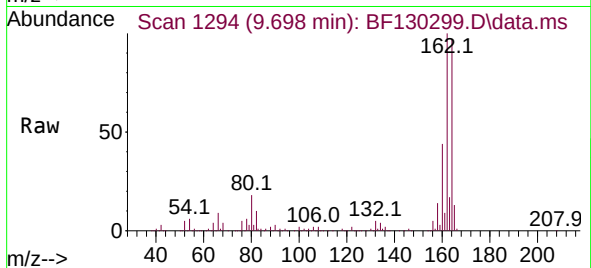
Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	45.6	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.308 ng

RT: 8.828 min Scan# 1146

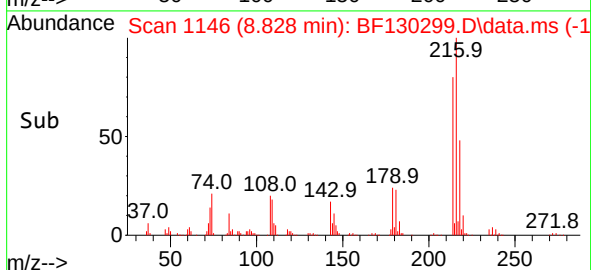
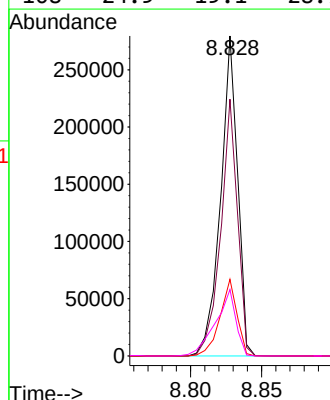
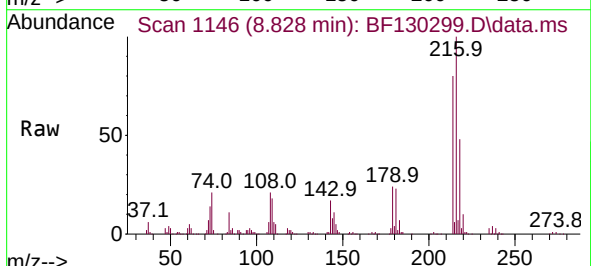
Delta R.T. 0.000 min

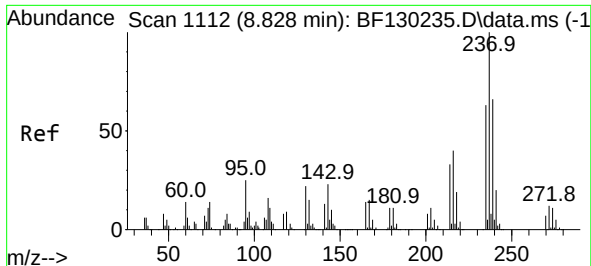
Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Tgt Ion:216 Resp: 234017

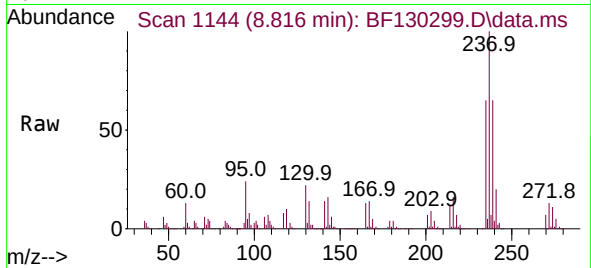
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.8	94.2
179	24.0	19.5	29.3
108	24.9	19.1	28.7





#41
Hexachlorocyclopentadiene
Concen: 127.956 ng
RT: 8.816 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

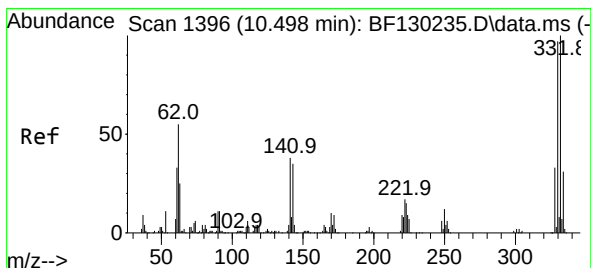
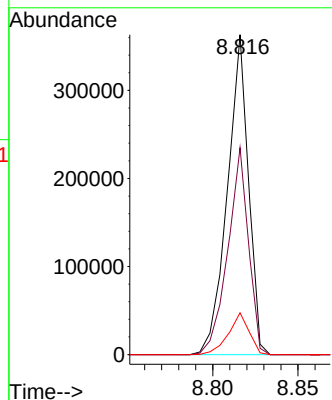
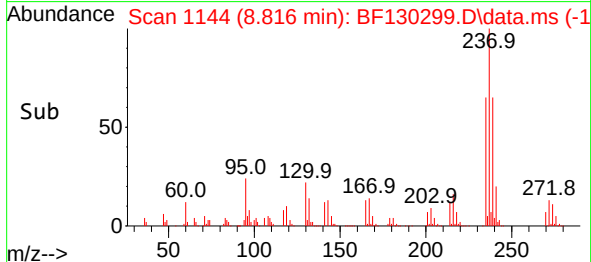
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion: 237 Resp: 312460
Ion Ratio Lower Upper
237 100
235 64.7 42.5 82.5
272 13.1 0.0 32.8

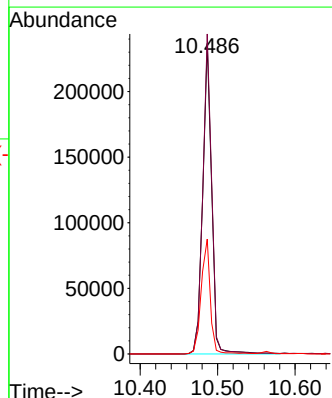
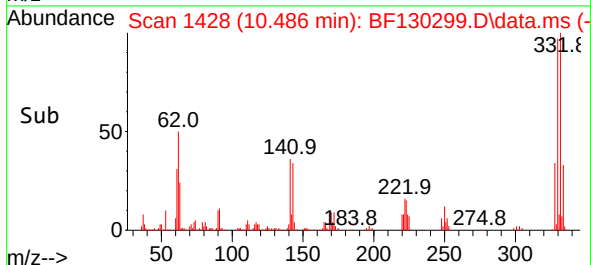
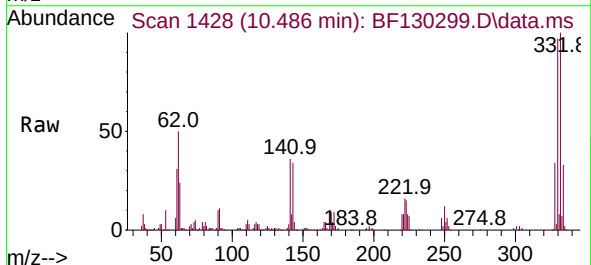
Manual Integrations
APPROVED

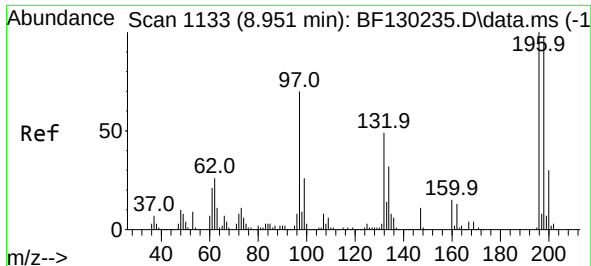
Reviewed By : Christian Giraldo 09/19/2022
Supervised By : Jagrut Upadhyay 09/19/2022



#42
2,4,6-Tribromophenol
Concen: 118.562 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion: 330 Resp: 189867
Ion Ratio Lower Upper
330 100
332 102.5 83.4 125.2
141 37.7 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 46.436 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Instrument :

BNA_F

ClientSampleId :

SP-4MS

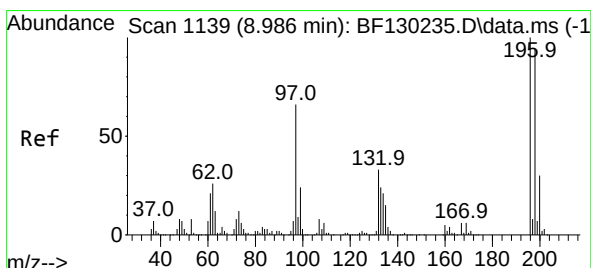
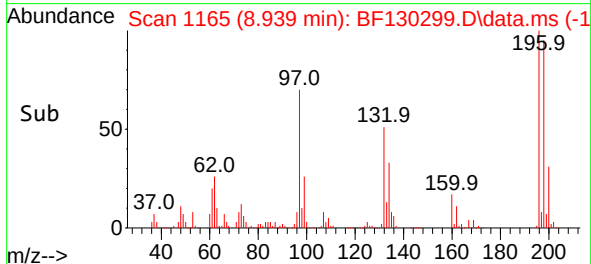
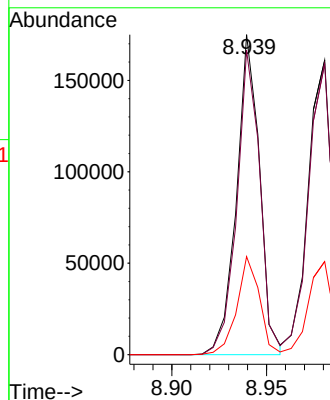
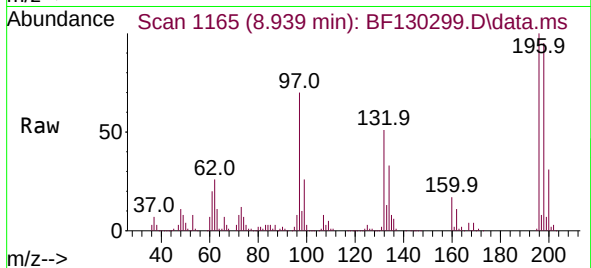
Tgt Ion:196 Resp: 147813
 Ion Ratio Lower Upper
 196 100
 198 95.1 72.4 108.6
 200 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#44

2,4,5-Trichlorophenol

Concen: 46.047 ng

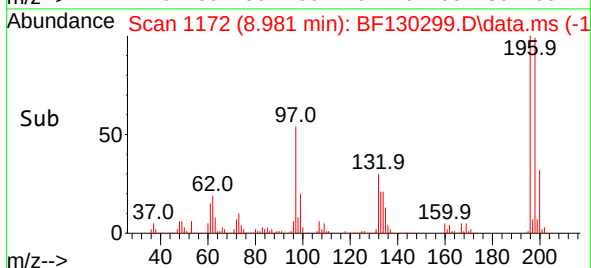
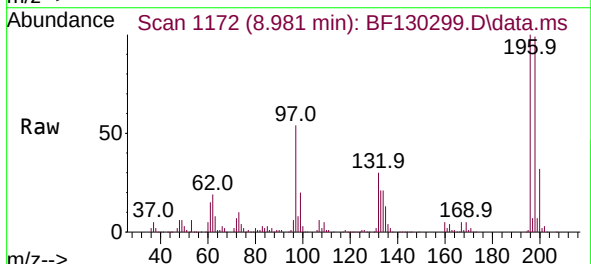
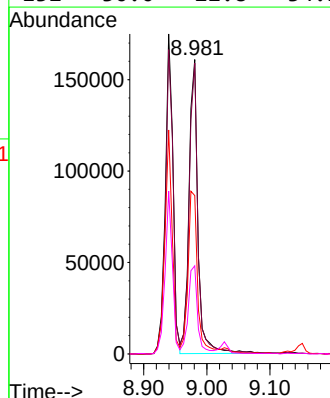
RT: 8.981 min Scan# 1172

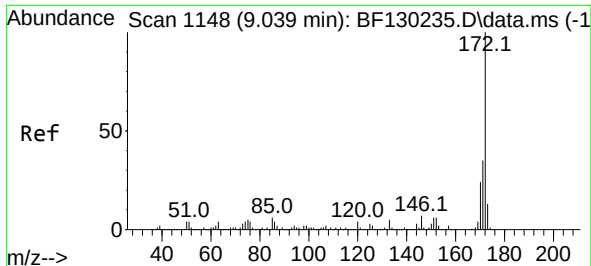
Delta R.T. 0.000 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

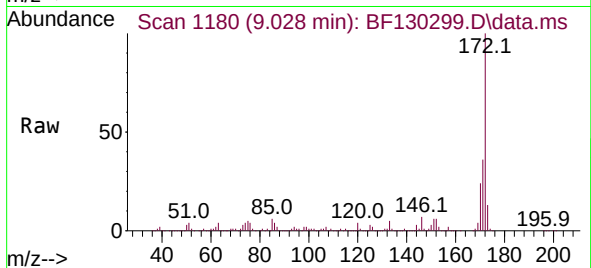
Tgt Ion:196 Resp: 158171
 Ion Ratio Lower Upper
 196 100
 198 98.8 74.8 112.2
 97 53.8 43.7 65.5
 132 30.0 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 85.205 ng
RT: 9.028 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

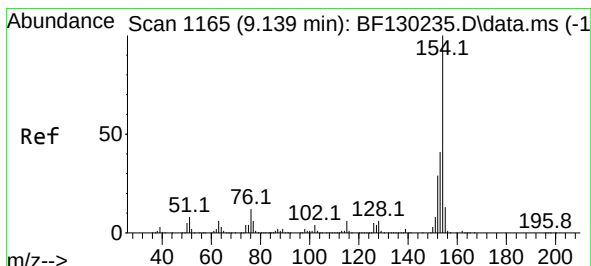
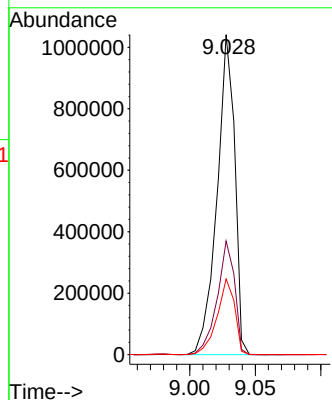
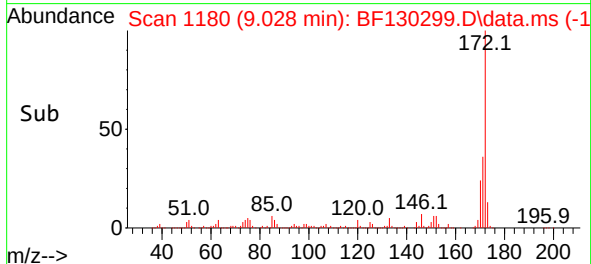
Instrument :
BNA_F
ClientSampleId :
SP-4MS



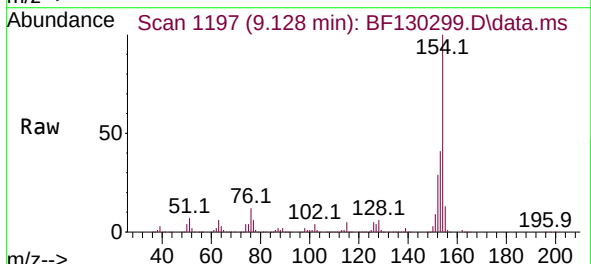
Tgt Ion:172 Resp: 977905
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 18.7 28.1

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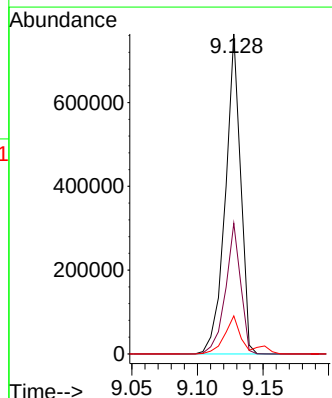
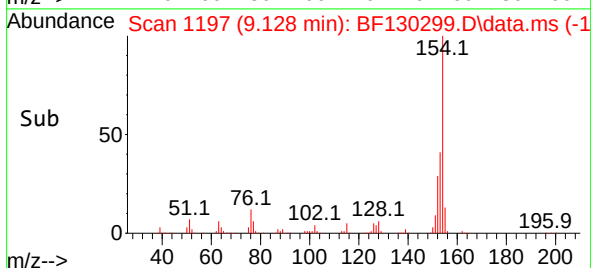
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

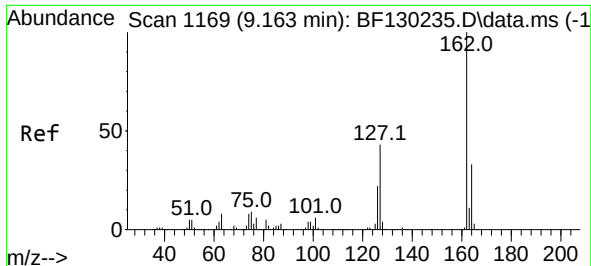


#46
1,1'-Biphenyl
Concen: 49.562 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



Tgt Ion:154 Resp: 618633
Ion Ratio Lower Upper
154 100
153 40.8 20.0 60.0
76 11.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 47.779 ng

RT: 9.151 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

Instrument :

BNA_F

ClientSampleId :

SP-4MS

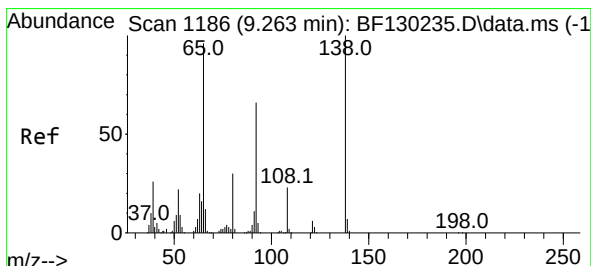
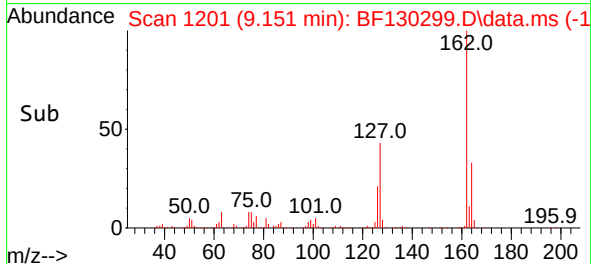
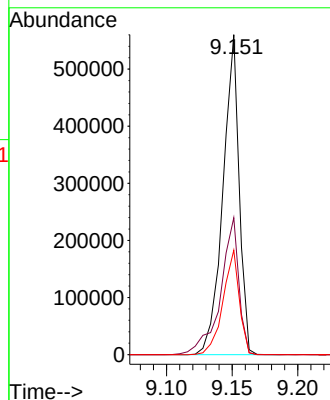
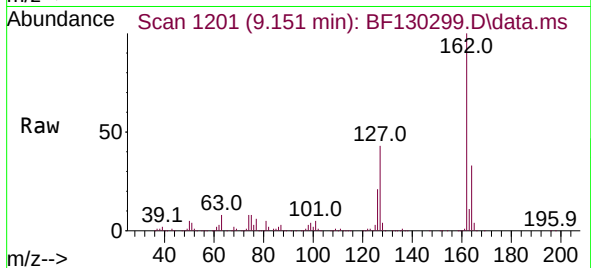
Tgt Ion:162 Resp: 482428
 Ion Ratio Lower Upper
 162 100
 127 42.8 35.9 53.9
 164 32.6 26.2 39.2

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Supervised By :Jagrut Upadhyay 09/19/2022



#48

2-Nitroaniline

Concen: 42.404 ng

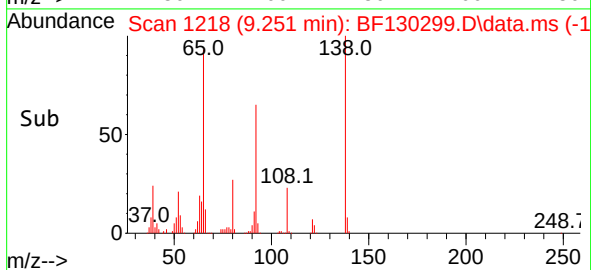
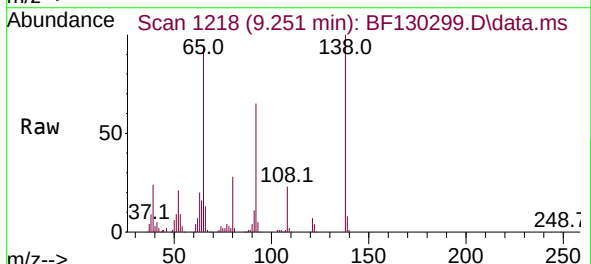
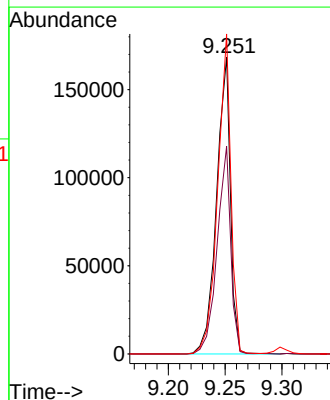
RT: 9.251 min Scan# 1218

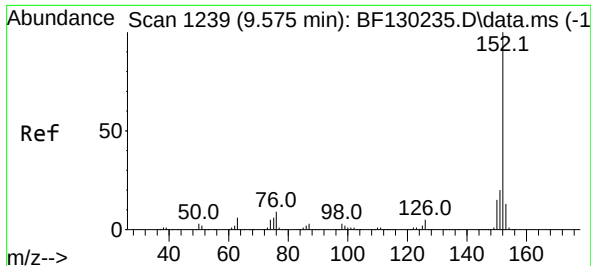
Delta R.T. 0.000 min

Lab File: BF130299.D

Acq: 16 Sep 2022 19:55

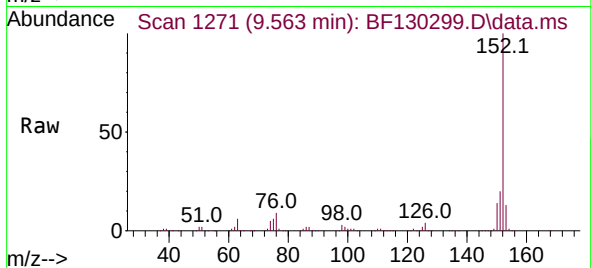
Tgt Ion: 65 Resp: 142804
 Ion Ratio Lower Upper
 65 100
 92 70.0 52.2 78.4
 138 107.8 77.0 115.4





#49
Acenaphthylene
Concen: 46.670 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

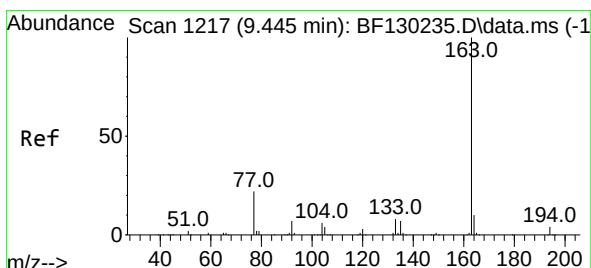
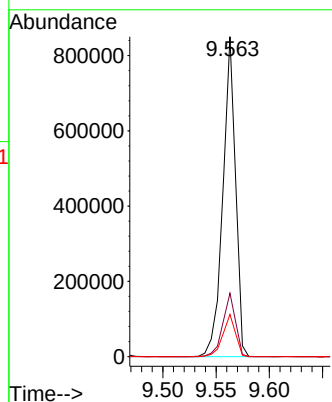
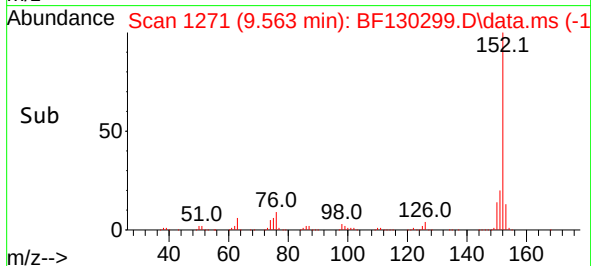
Instrument :
BNA_F
ClientSampleId :
SP-4MS



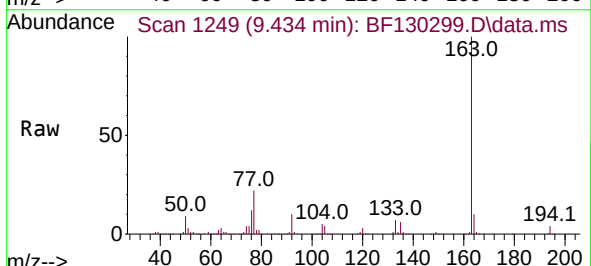
Tgt Ion:152 Resp: 706535
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.2 10.6 15.8

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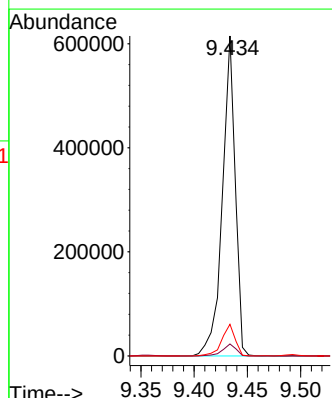
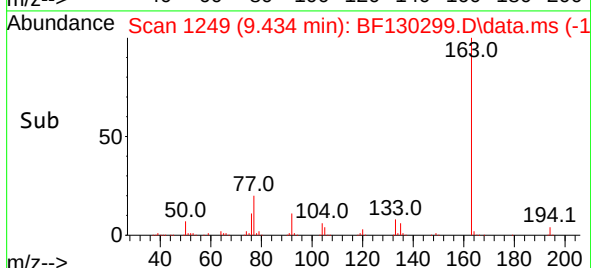
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

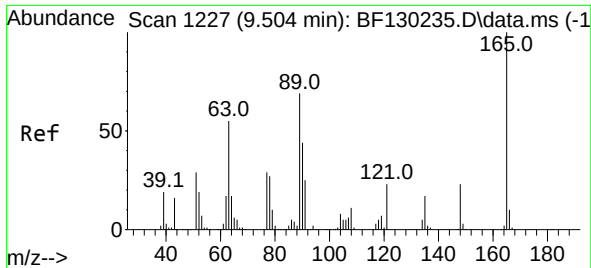


#50
Dimethylphthalate
Concen: 44.904 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



Tgt Ion:163 Resp: 518393
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.9 8.2 12.2





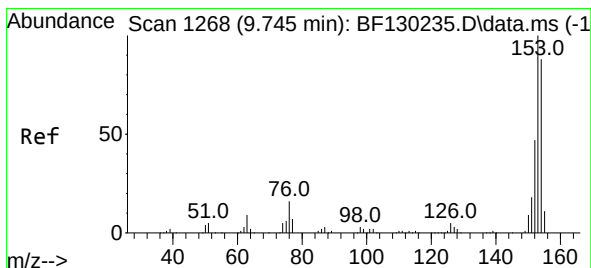
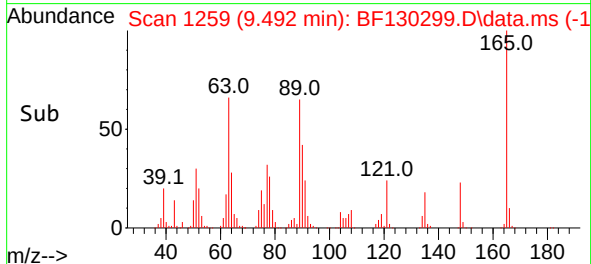
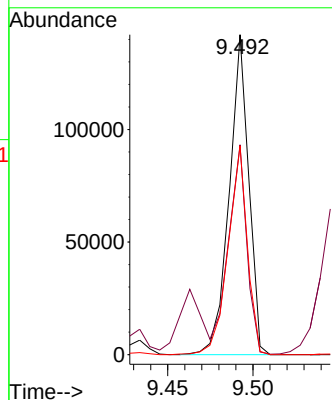
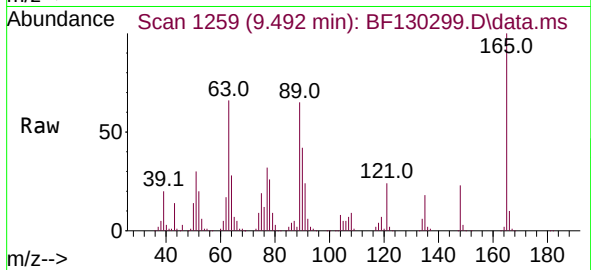
#51
2,6-Dinitrotoluene
Concen: 46.818 ng
RT: 9.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:165 Resp: 11303
Ion Ratio Lower Upper
165 100
63 65.6 58.8 88.2
89 65.3 54.5 81.7

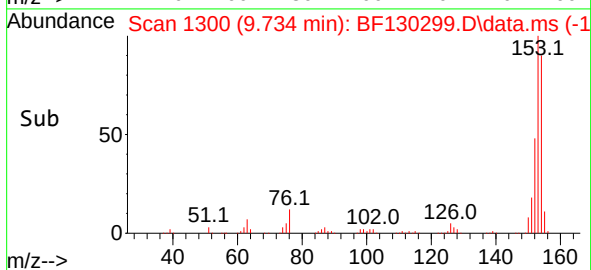
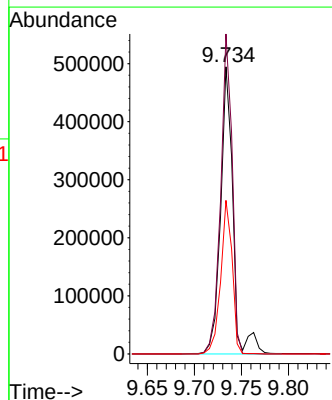
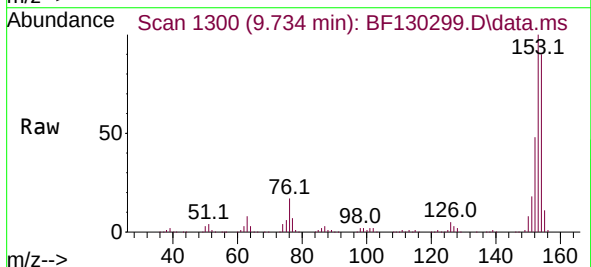
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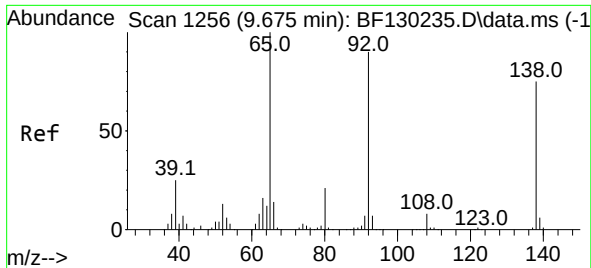
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#52
Acenaphthene
Concen: 45.178 ng m
RT: 9.734 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:154 Resp: 449381
Ion Ratio Lower Upper
154 100
153 111.4 90.6 136.0
152 53.5 43.8 65.6





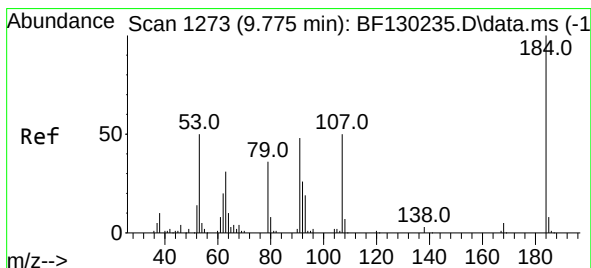
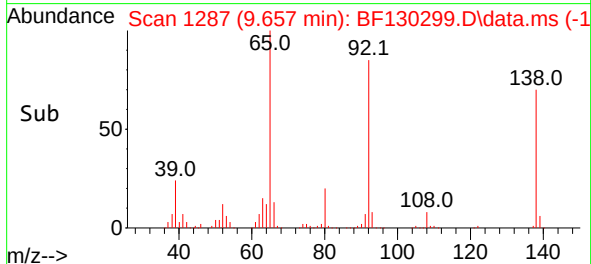
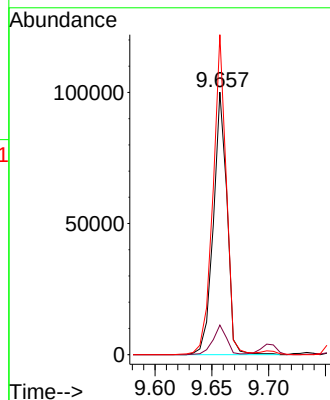
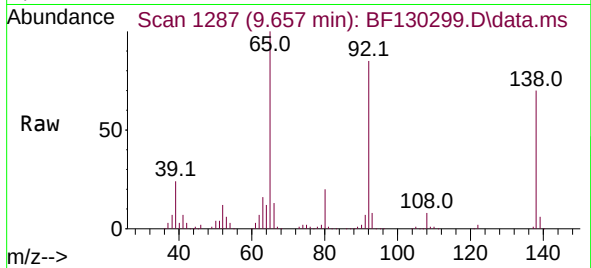
#53
3-Nitroaniline
Concen: 31.075 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:138 Resp: 83602
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 121.9 99.2 148.8

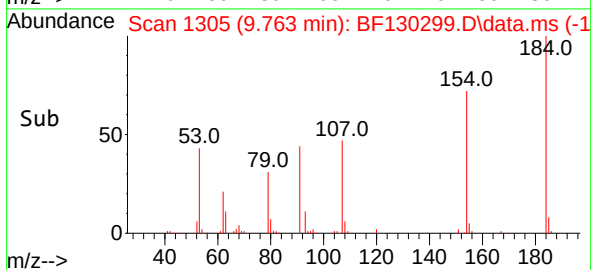
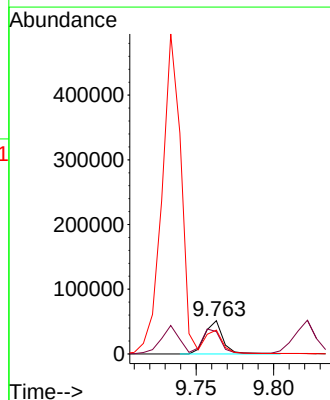
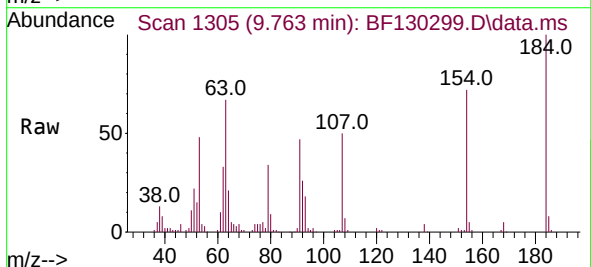
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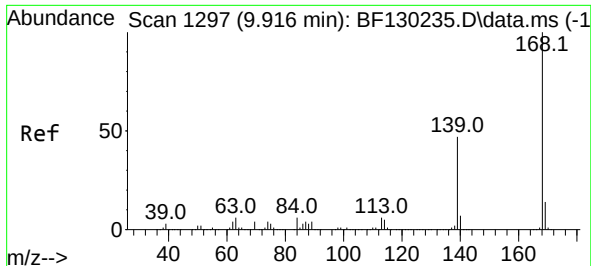
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#54
2,4-Dinitrophenol
Concen: 35.417 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

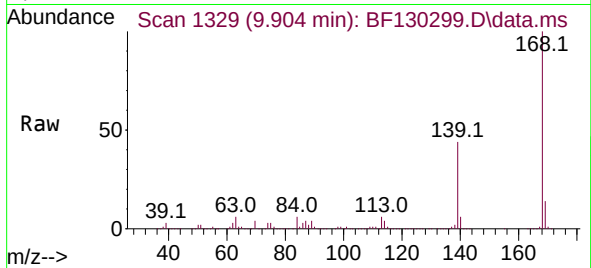
Tgt Ion:184 Resp: 41435
Ion Ratio Lower Upper
184 100
63 67.3 70.0 105.0#
154 71.7 63.0 94.6





#55
Dibenzofuran
Concen: 45.686 ng
RT: 9.904 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

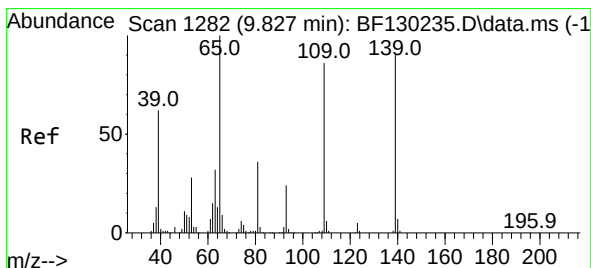
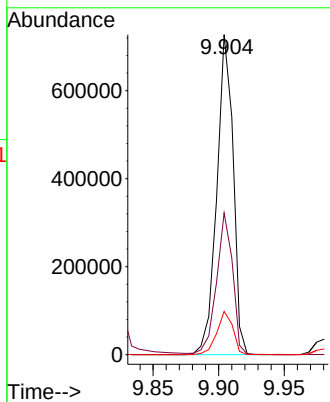
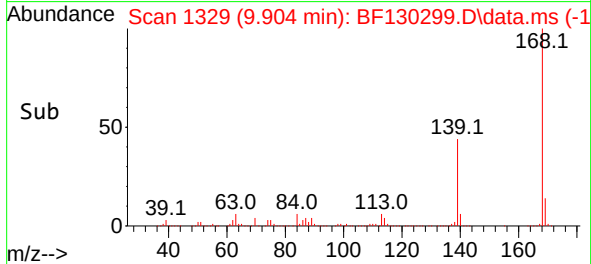
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:168 Resp: 632086
Ion Ratio Lower Upper
168 100
139 44.3 35.0 52.4
169 13.5 10.9 16.3

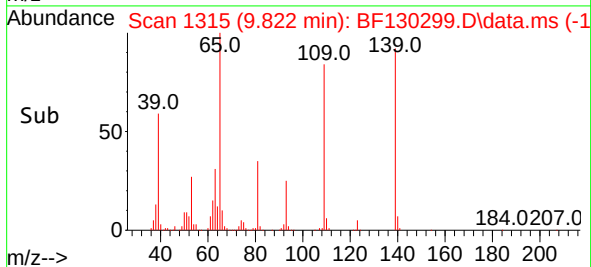
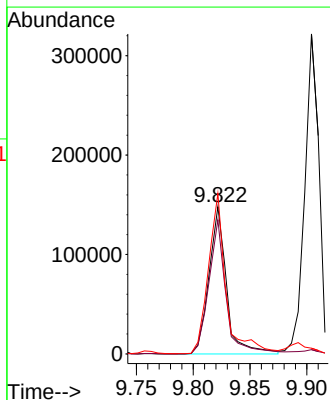
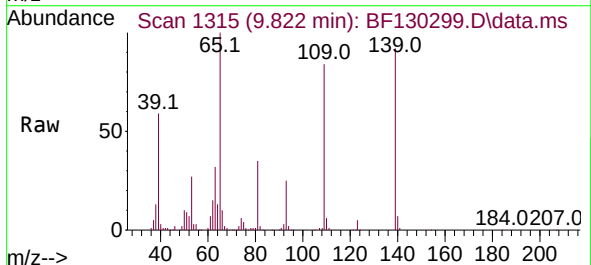
Manual Integrations
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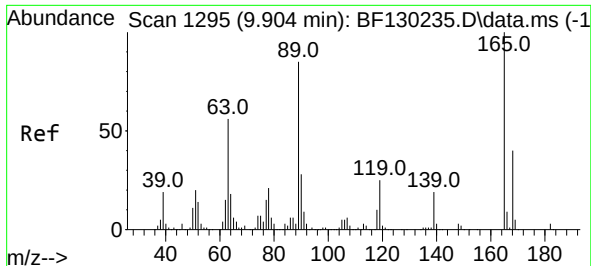
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#56
4-Nitrophenol
Concen: 81.518 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:139 Resp: 159736
Ion Ratio Lower Upper
139 100
109 91.1 72.2 112.2
65 109.1 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 46.287 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :

BNA_F

ClientSampleId :

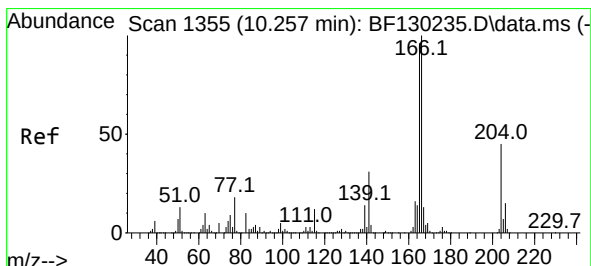
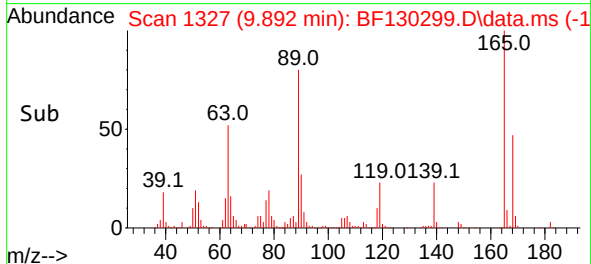
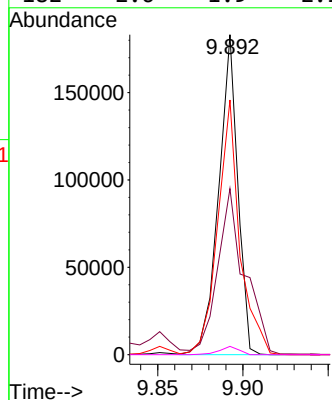
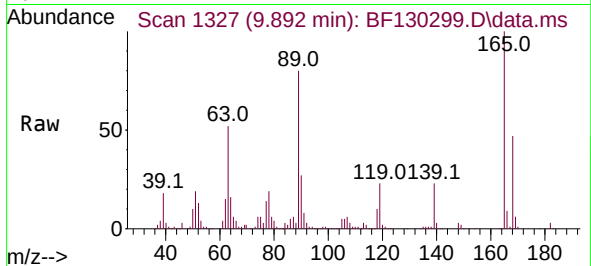
SP-4MS

Tgt Ion:165 Resp: 142826
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 79.6 69.0 103.4
182 2.6 1.9 2.9

Manual Integrations

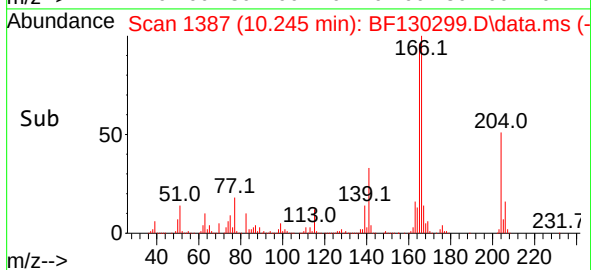
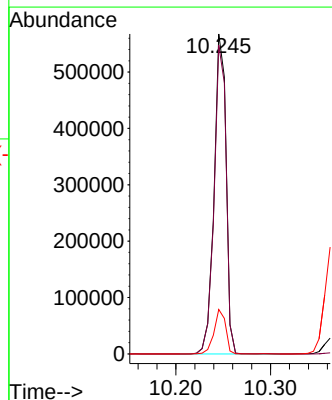
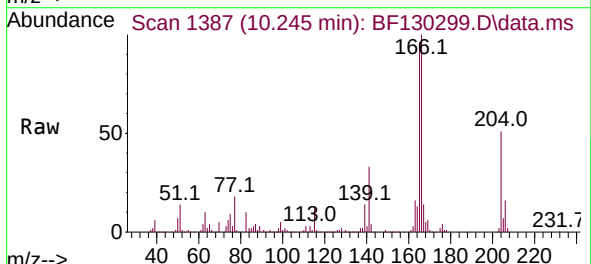
APPROVED

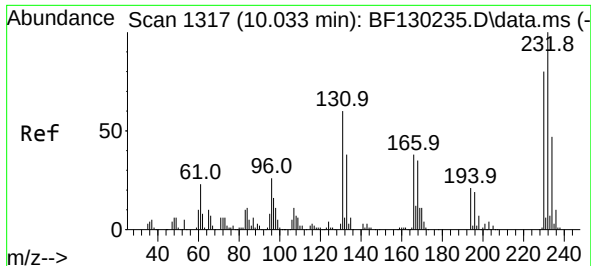
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#58
Fluorene
Concen: 44.148 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

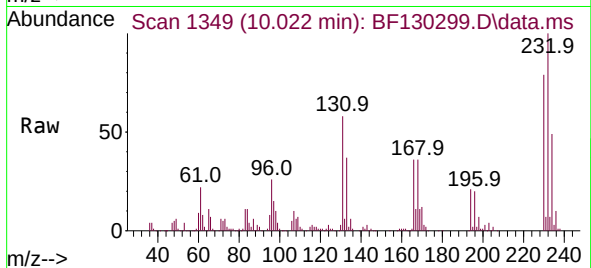
Tgt Ion:166 Resp: 499524
Ion Ratio Lower Upper
166 100
165 96.5 78.8 118.2
167 13.9 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.362 ng
RT: 10.022 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

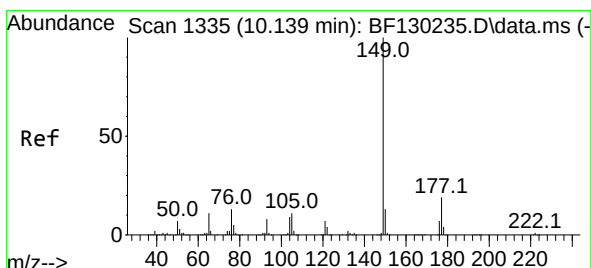
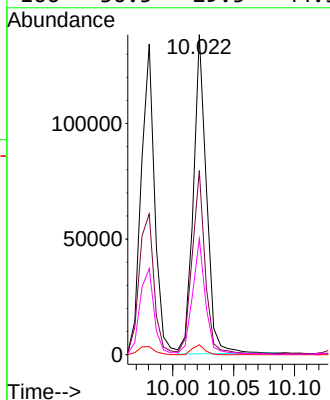
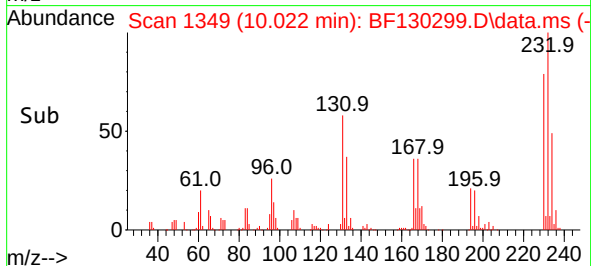
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:232 Resp: 10314
Ion Ratio Lower Upper
232 100
131 58.6 46.4 69.6
130 2.9 2.3 3.5
166 36.5 29.5 44.3

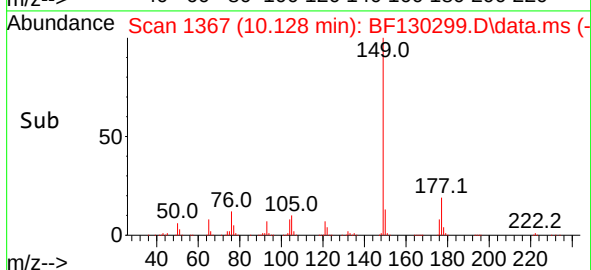
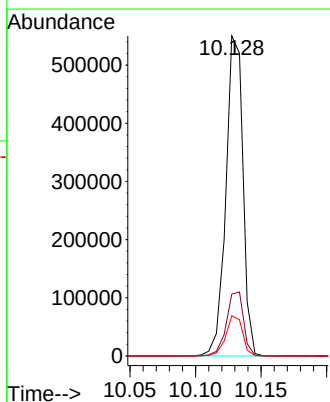
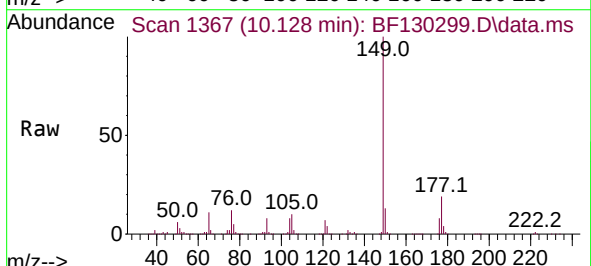
Manual Integrations
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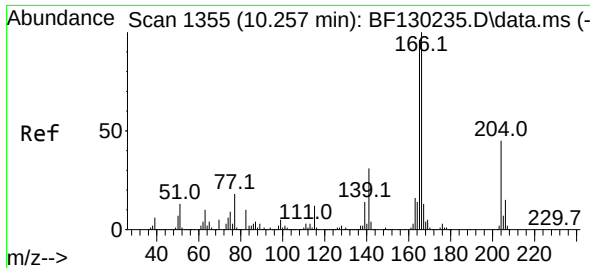
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#60
Diethylphthalate
Concen: 43.172 ng
RT: 10.128 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

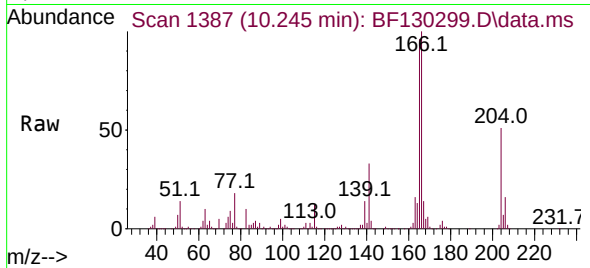
Tgt Ion:149 Resp: 499801
Ion Ratio Lower Upper
149 100
177 19.3 16.1 24.1
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.798 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

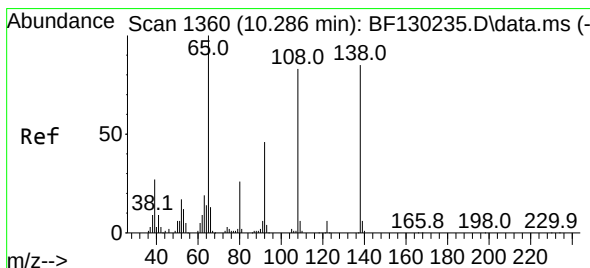
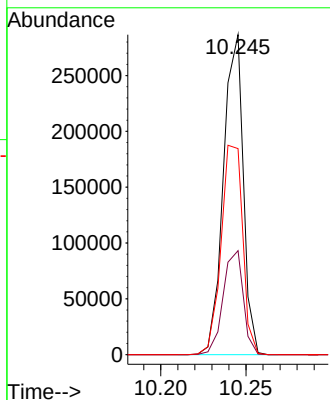
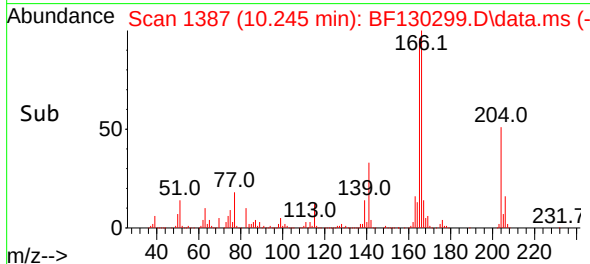
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:204 Resp: 232284
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 64.4 57.1 85.7

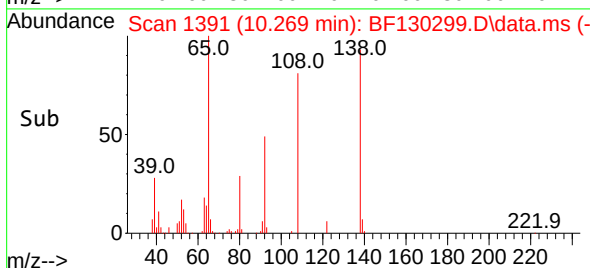
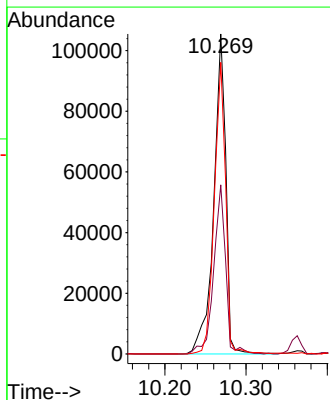
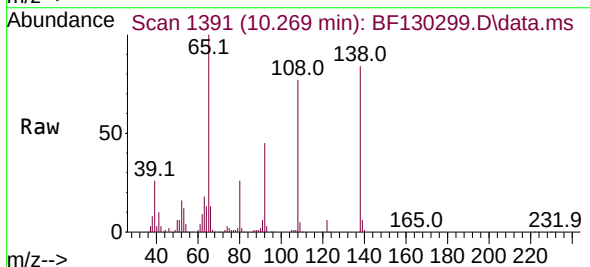
Manual Integrations
APPROVED

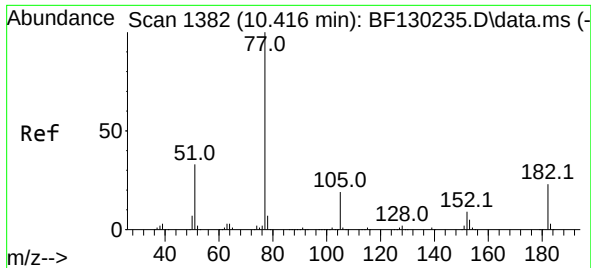
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#62
4-Nitroaniline
Concen: 40.390 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Tgt Ion:138 Resp: 109159
Ion Ratio Lower Upper
138 100
92 52.8 36.7 76.7
108 91.1 78.2 118.2





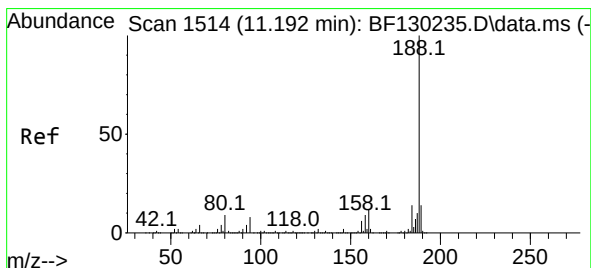
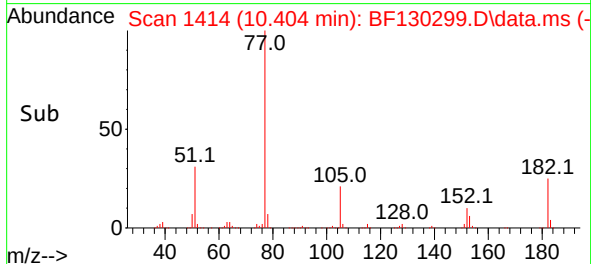
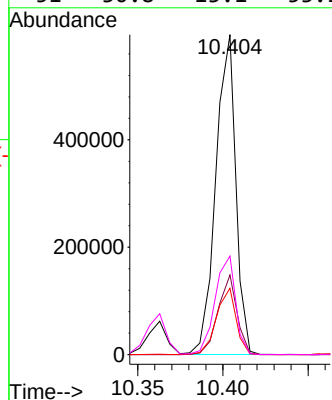
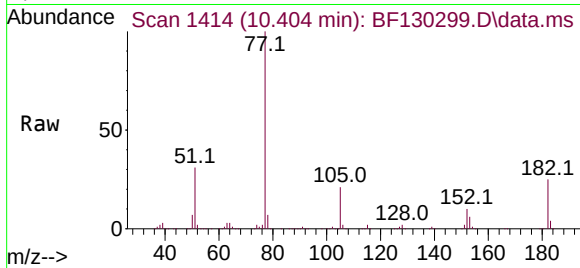
#63
Azobenzene
Concen: 40.710 ng
RT: 10.404 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion: 77	Resp: 48529
Ion Ratio	Lower Upper
77 100	
182 24.9	2.1 42.1
105 20.7	0.0 39.4
51 30.8	13.1 53.1

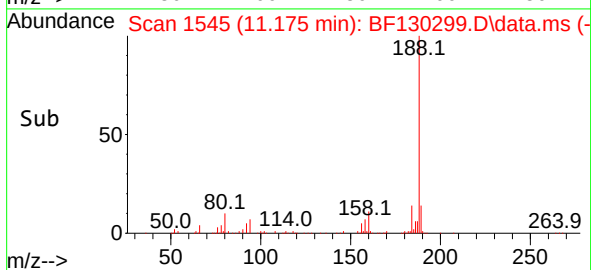
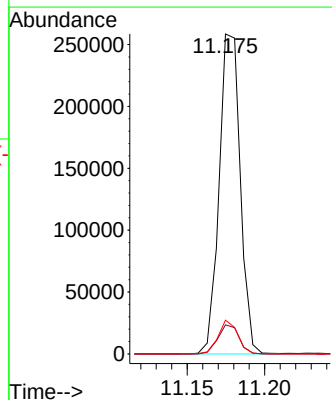
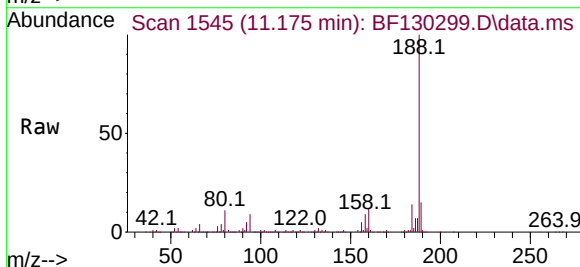
Manual Integrations
APPROVED

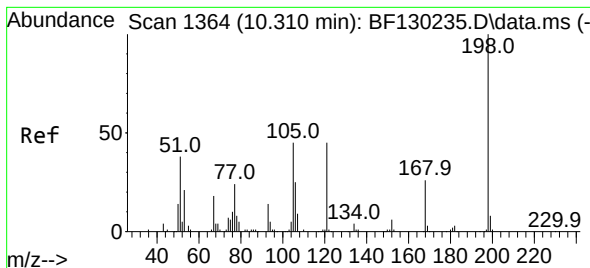
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

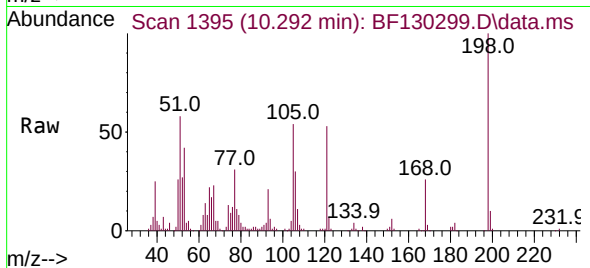
Tgt Ion:188	Resp: 245087
Ion Ratio	Lower Upper
188 100	
94 9.1	7.4 11.2
80 10.5	7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 31.594 ng
RT: 10.292 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

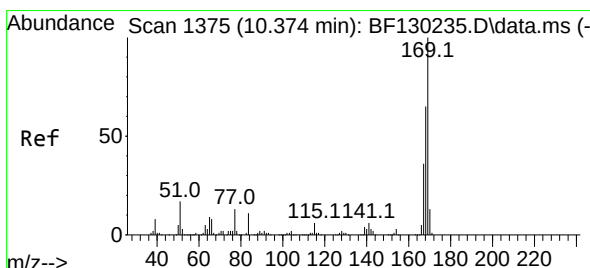
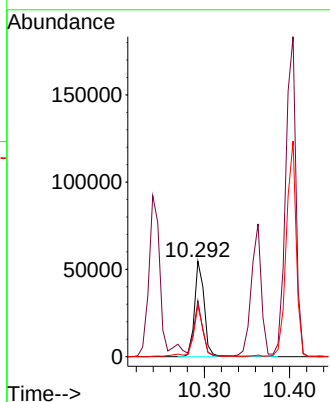
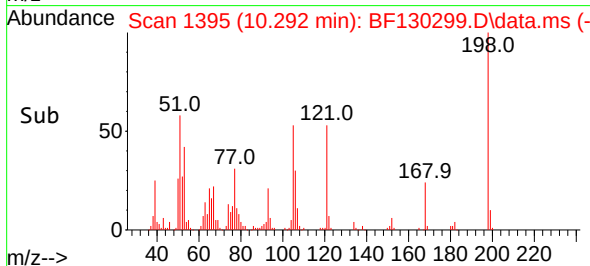
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:198 Resp: 43105
Ion Ratio Lower Upper
198 100
51 58.4 36.9 76.9
105 53.6 33.0 73.0

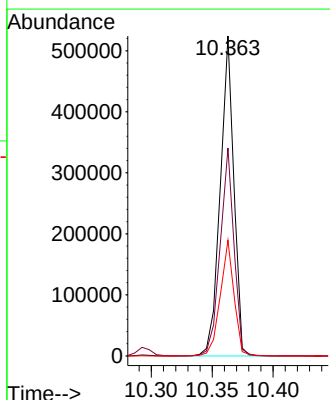
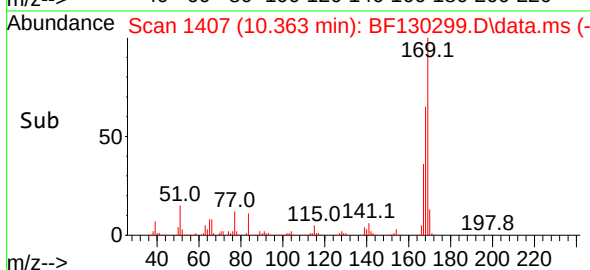
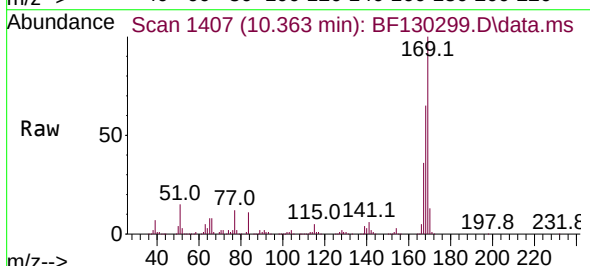
Manual Integrations
APPROVED

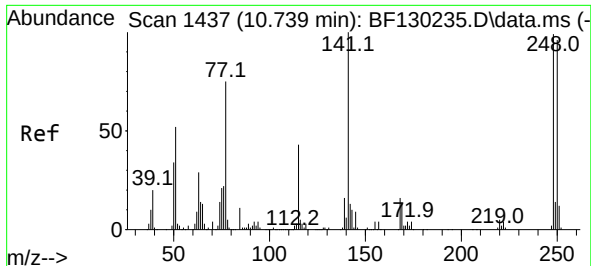
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#66
n-Nitrosodiphenylamine
Concen: 49.724 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

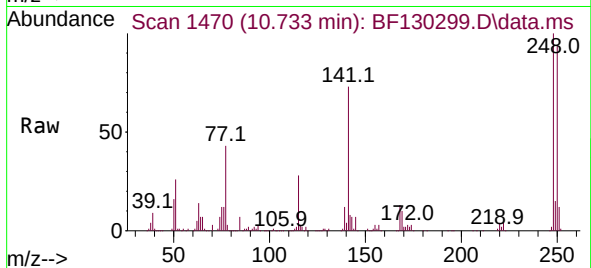
Tgt Ion:169 Resp: 407243
Ion Ratio Lower Upper
169 100
168 64.9 53.2 79.8
167 36.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 52.537 ng
RT: 10.733 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

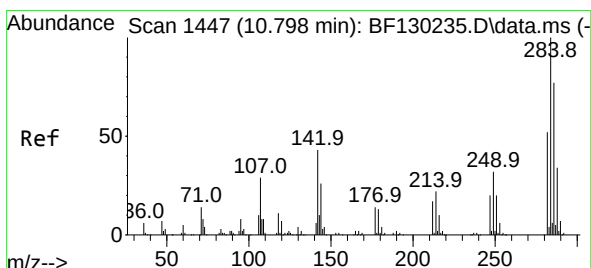
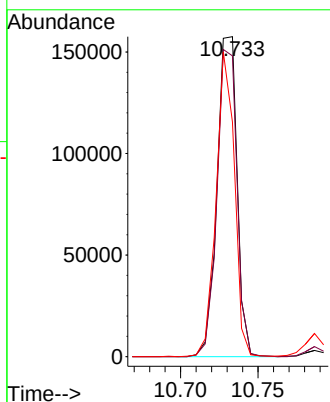
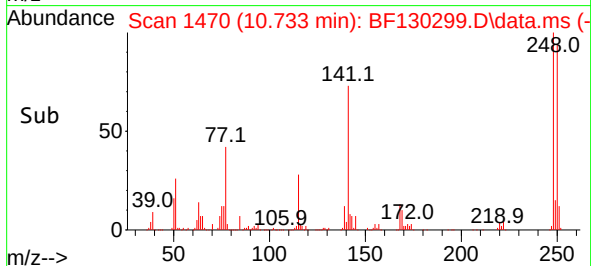
Instrument :
BNA_F
ClientSampleId :
SP-4MS



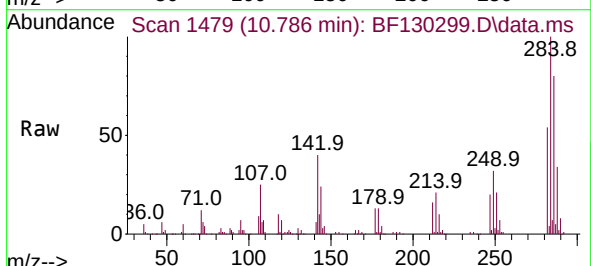
Tgt Ion:248 Resp: 142045
Ion Ratio Lower Upper
248 100
250 94.0 80.0 120.0
141 73.3 68.5 102.7

Manual Integrations
APPROVED

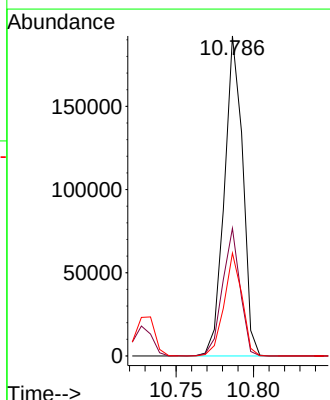
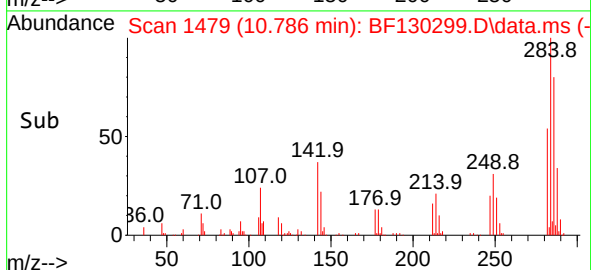
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

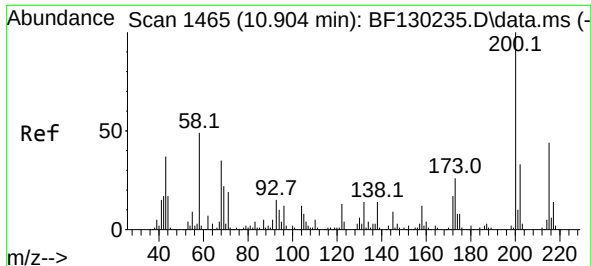


#68
Hexachlorobenzene
Concen: 51.586 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



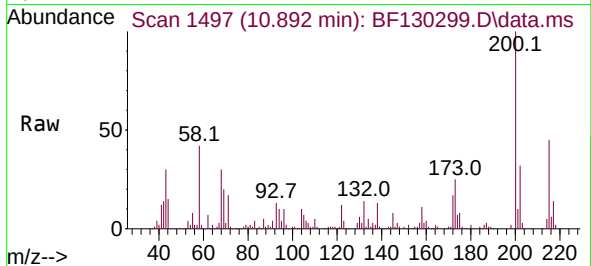
Tgt Ion:284 Resp: 158103
Ion Ratio Lower Upper
284 100
142 39.9 27.2 40.8
249 32.1 23.8 35.8





#69
 Atrazine
 Concen: 50.494 ng
 RT: 10.892 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF130299.D
 Acq: 16 Sep 2022 19:55

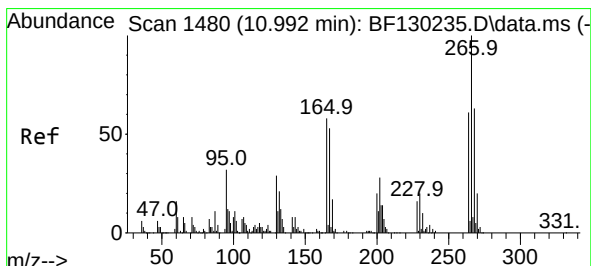
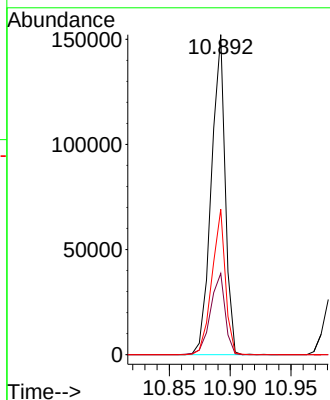
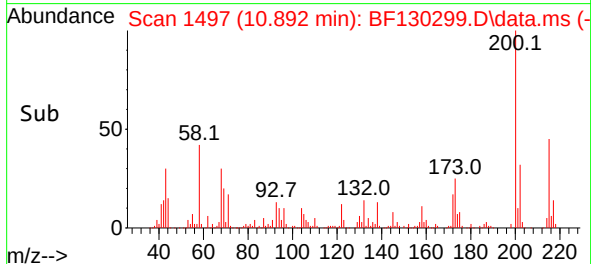
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS



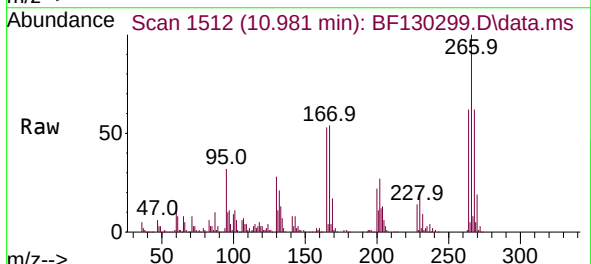
Tgt Ion:200 Resp: 120854
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.2 46.2
 215 45.4 22.5 62.5

Manual Integrations
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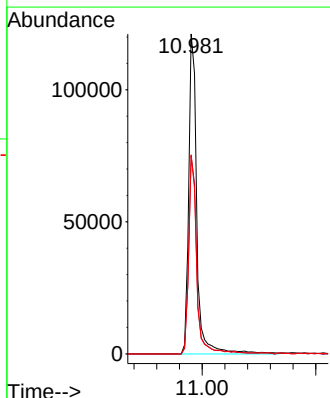
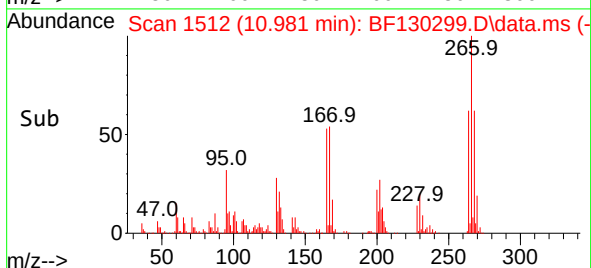
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022

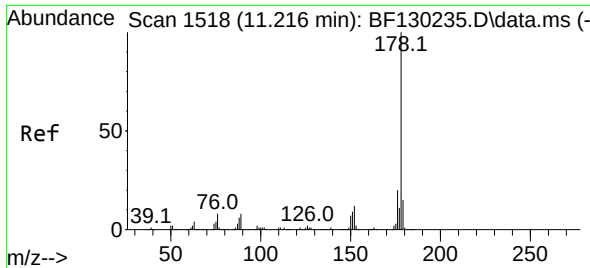


#70
 Pentachlorophenol
 Concen: 72.926 ng
 RT: 10.981 min Scan# 1512
 Delta R.T. -0.006 min
 Lab File: BF130299.D
 Acq: 16 Sep 2022 19:55



Tgt Ion:266 Resp: 119953
 Ion Ratio Lower Upper
 266 100
 268 61.9 50.5 75.7
 264 62.2 50.5 75.7





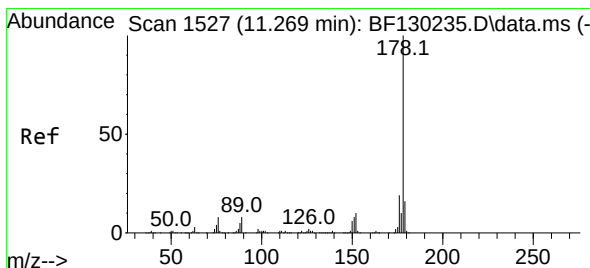
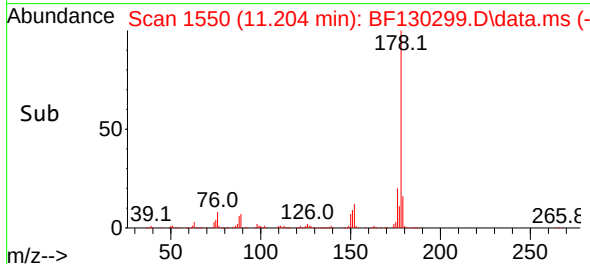
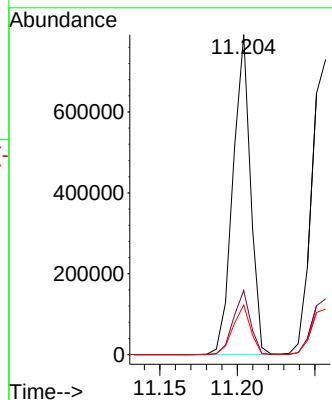
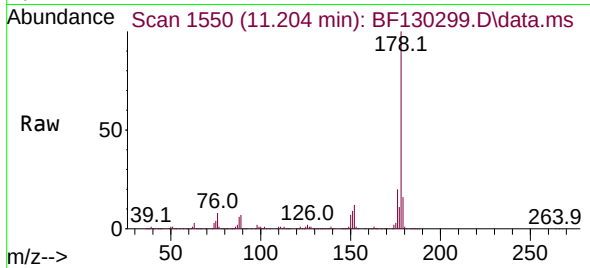
#71
Phenanthrene
Concen: 45.566 ng
RT: 11.204 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:178 Resp: 627002
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 15.5 12.4 18.6

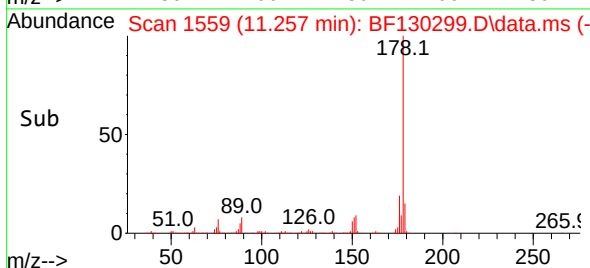
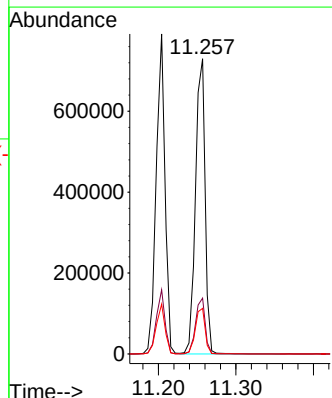
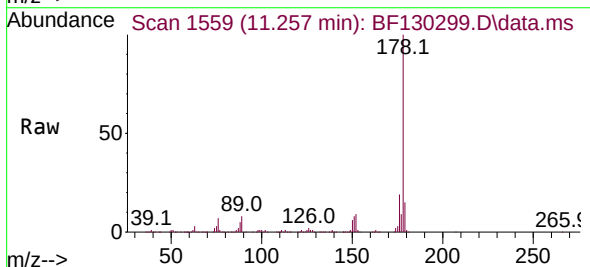
Manual Integrations
APPROVED

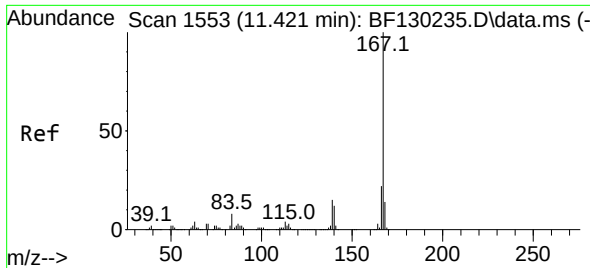
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#72
Anthracene
Concen: 47.430 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

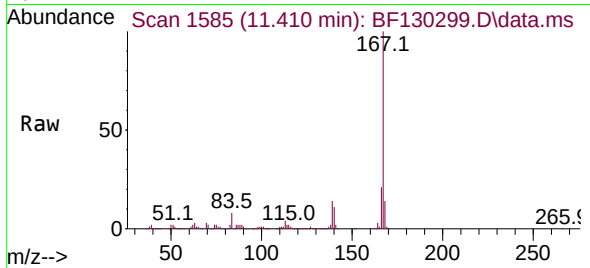
Tgt Ion:178 Resp: 629816
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 44.839 ng
 RT: 11.410 min Scan# 1553
 Delta R.T. -0.006 min
 Lab File: BF130299.D
 Acq: 16 Sep 2022 19:55

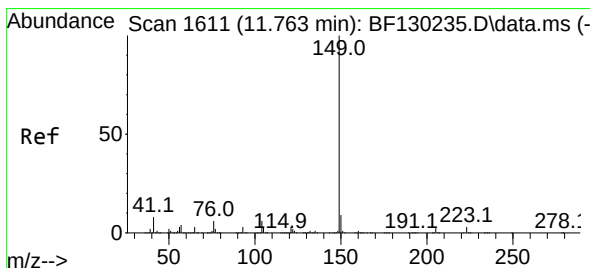
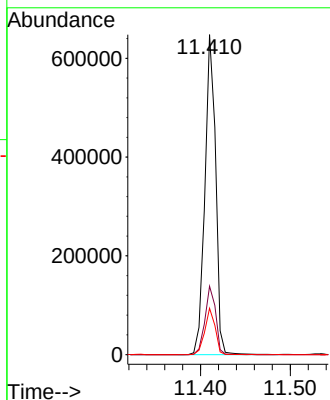
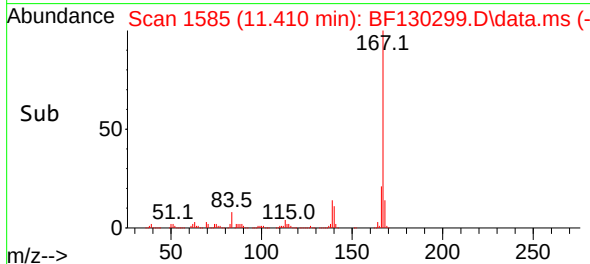
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS



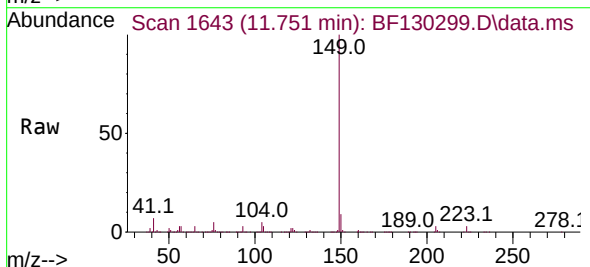
Tgt Ion:167 Resp: 537353
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 14.5 11.6 17.4

Manual Integrations
 APPROVED

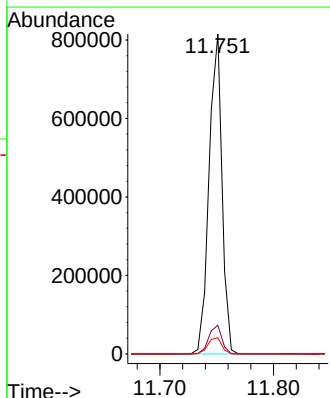
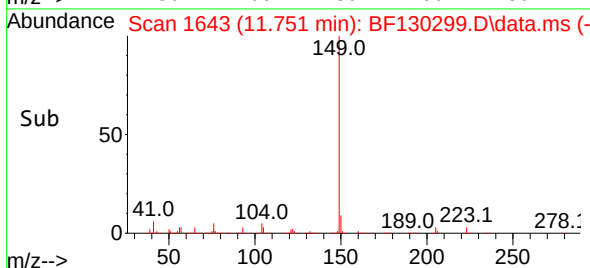
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022

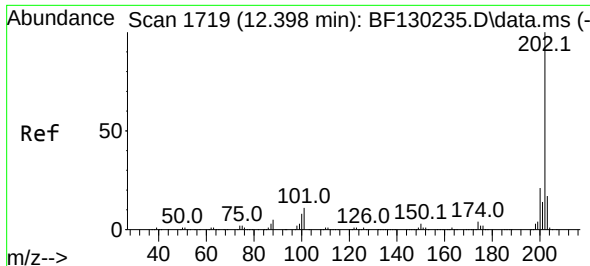


#74
 Di-n-butylphthalate
 Concen: 44.684 ng
 RT: 11.751 min Scan# 1643
 Delta R.T. 0.000 min
 Lab File: BF130299.D
 Acq: 16 Sep 2022 19:55



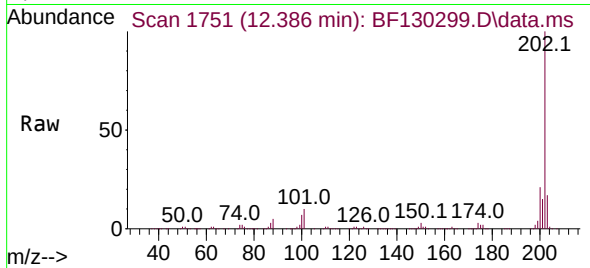
Tgt Ion:149 Resp: 645751
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.0 4.8 7.2





#75
Fluoranthene
Concen: 40.485 ng
RT: 12.386 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

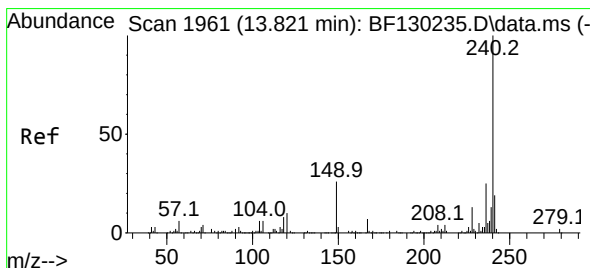
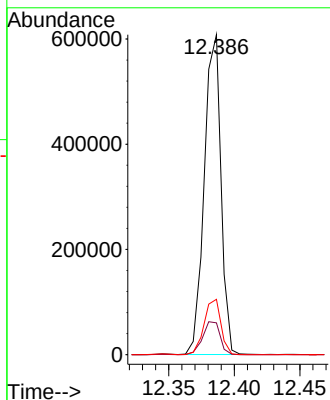
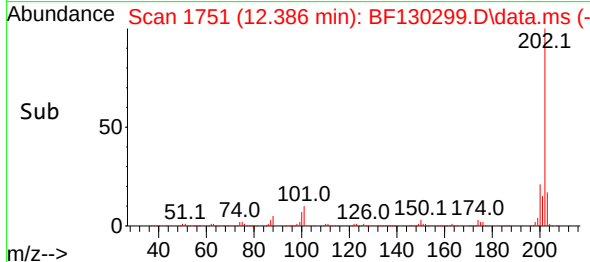
Instrument :
BNA_F
ClientSampleId :
SP-4MS



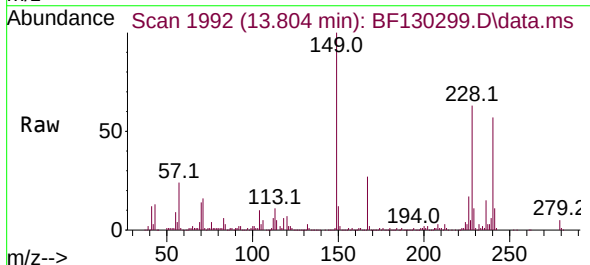
Tgt Ion:202 Resp: 538310
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.8
203 17.3 0.0 37.8

Manual Integrations
APPROVED

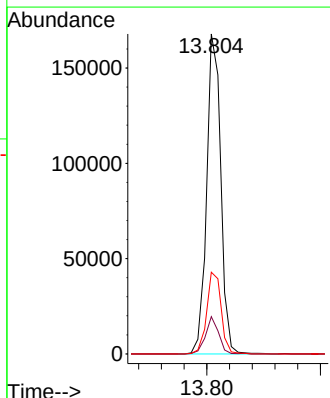
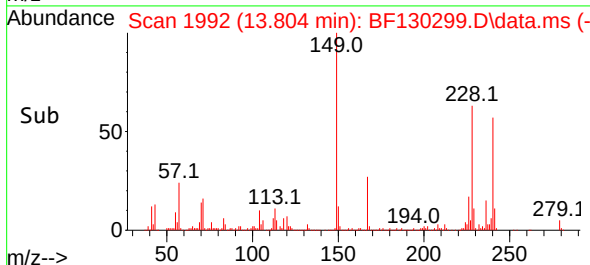
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

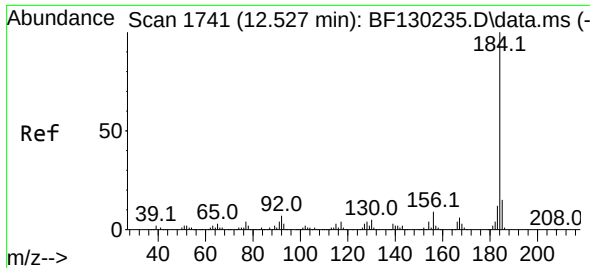


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



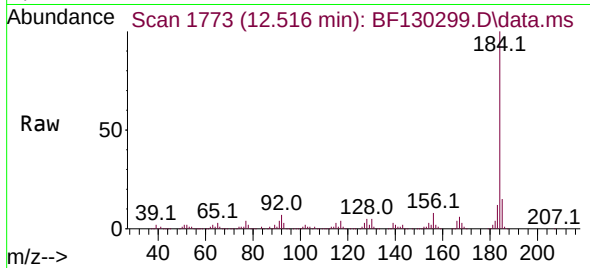
Tgt Ion:240 Resp: 145062
Ion Ratio Lower Upper
240 100
120 11.6 8.7 13.1
236 25.5 20.9 31.3





#77
Benzidine
Concen: 89.401 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

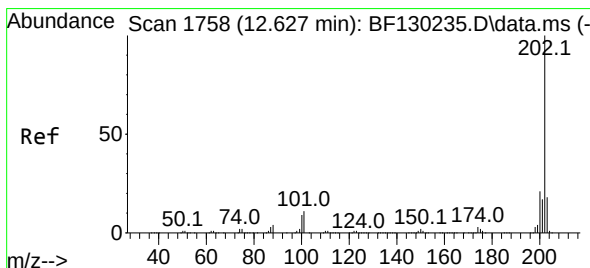
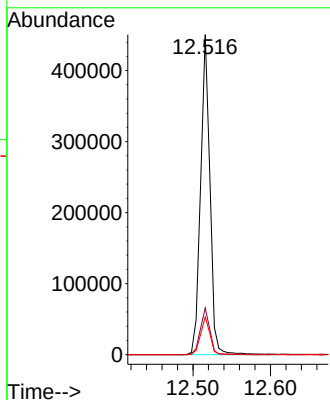
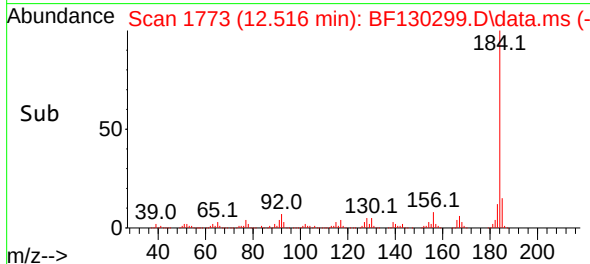
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:184 Resp: 376468
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.8 9.1 13.7

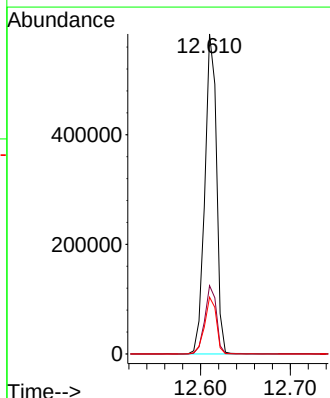
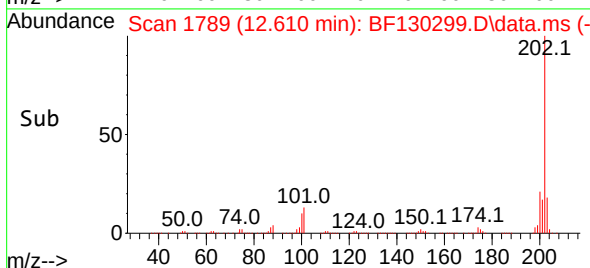
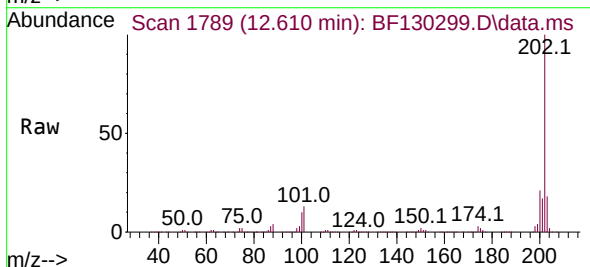
Manual Integrations
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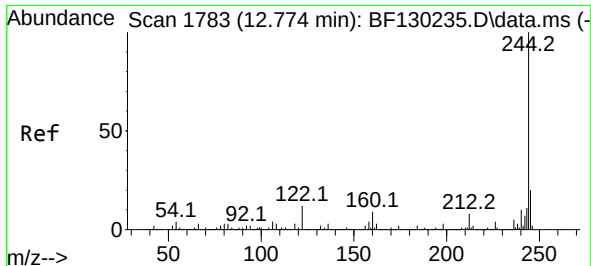
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#78
Pyrene
Concen: 41.477 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

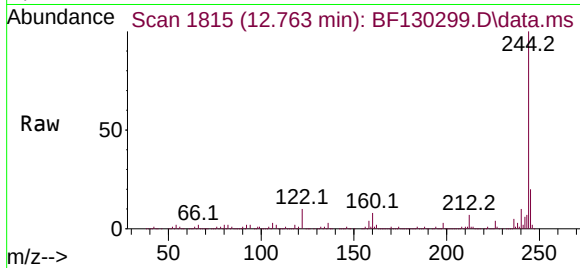
Tgt Ion:202 Resp: 526346
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 78.769 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF130299.D
 Acq: 16 Sep 2022 19:55

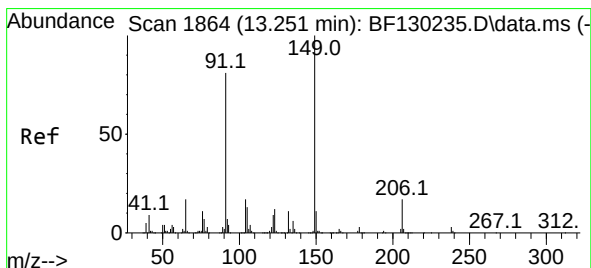
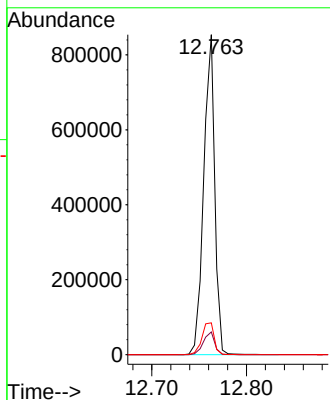
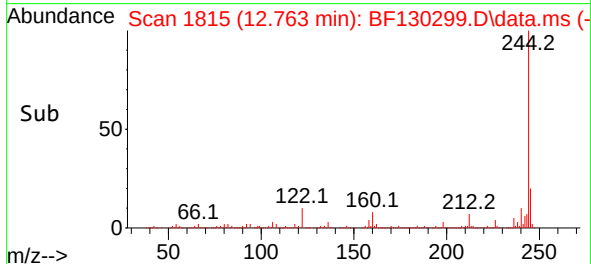
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS



Tgt Ion:244 Resp: 689793
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.9 8.5 12.7

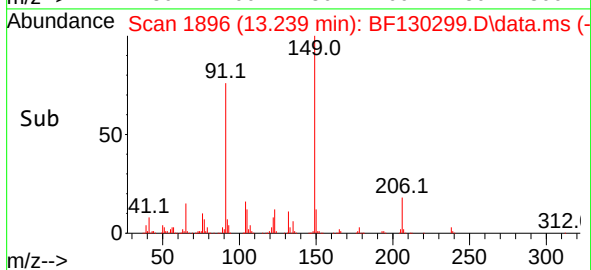
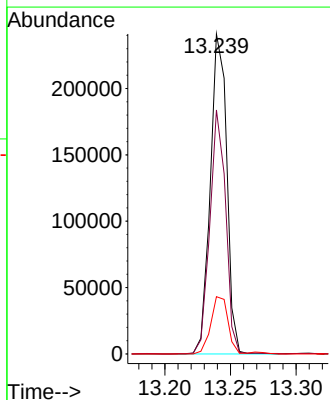
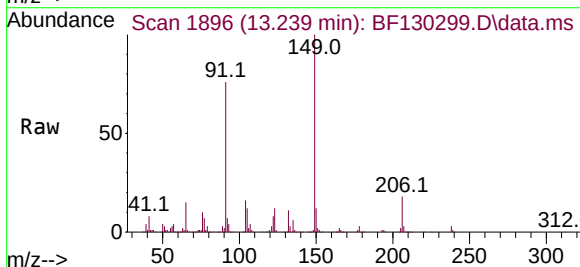
Manual Integrations
 APPROVED

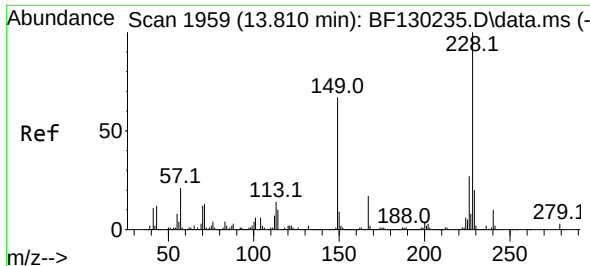
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#80
 Butylbenzylphthalate
 Concen: 44.745 ng
 RT: 13.239 min Scan# 1896
 Delta R.T. -0.006 min
 Lab File: BF130299.D
 Acq: 16 Sep 2022 19:55

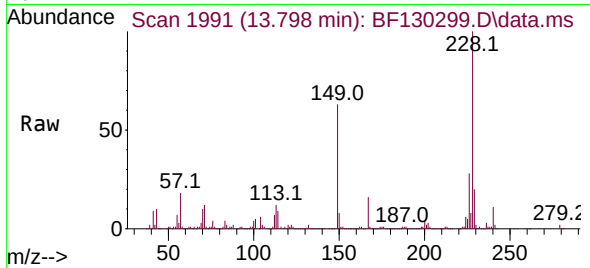
Tgt Ion:149 Resp: 210352
 Ion Ratio Lower Upper
 149 100
 91 76.2 59.8 89.8
 206 17.9 13.9 20.9





#81
Benzo(a)anthracene
Concen: 46.656 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

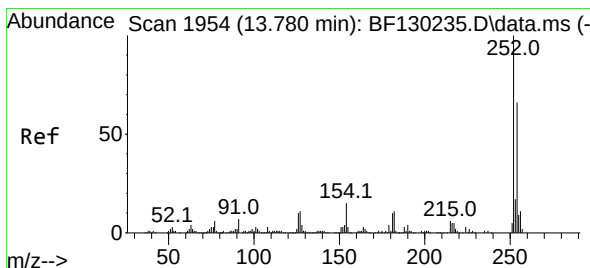
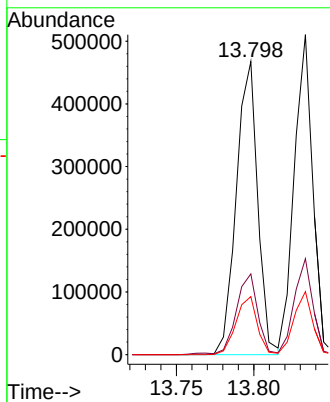
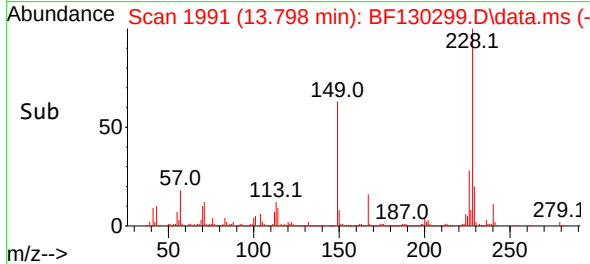
Instrument :
BNA_F
ClientSampleId :
SP-4MS



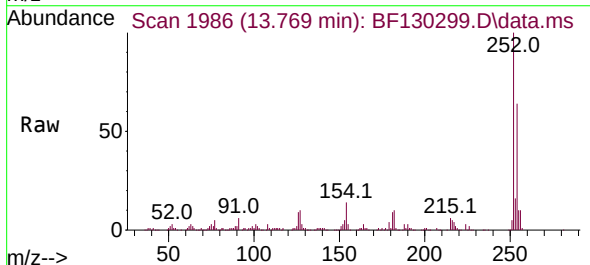
Tgt Ion:228 Resp: 450237
Ion Ratio Lower Upper
228 100
226 27.6 21.9 32.9
229 19.8 16.1 24.1

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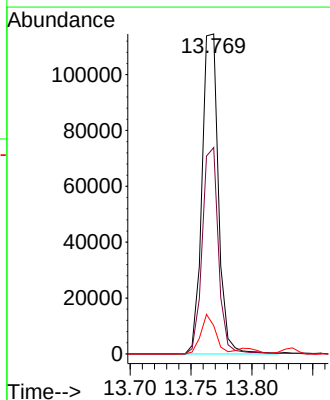
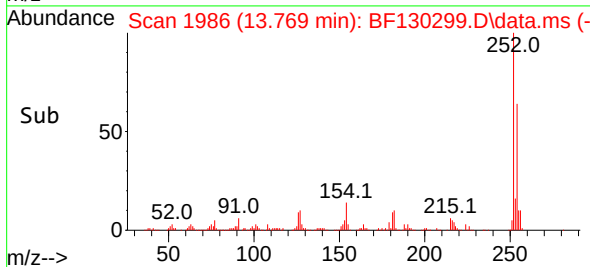
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

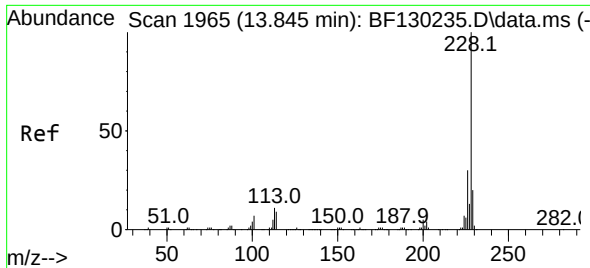


#82
3,3'-Dichlorobenzidine
Concen: 41.063 ng
RT: 13.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



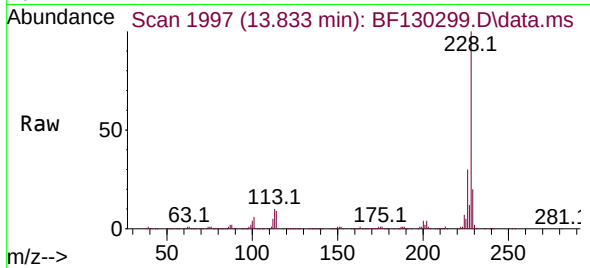
Tgt Ion:252 Resp: 107869
Ion Ratio Lower Upper
252 100
254 64.5 51.1 76.7
126 8.8 10.4 15.6#





#83
Chrysene
Concen: 46.428 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

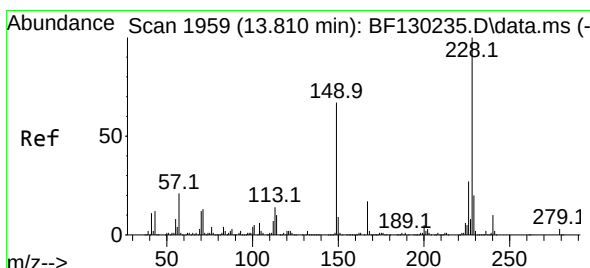
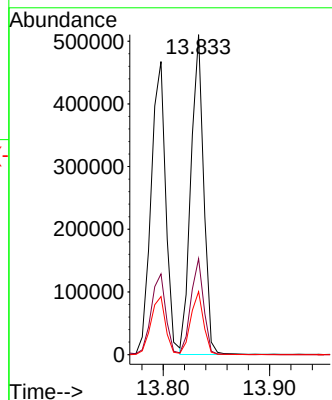
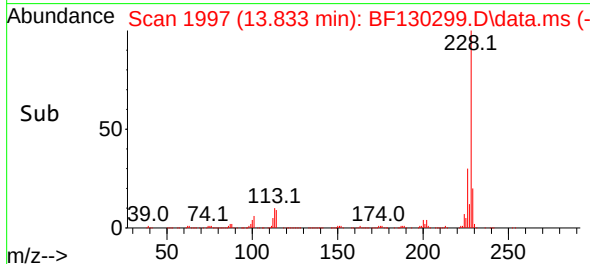
Instrument :
BNA_F
ClientSampleId :
SP-4MS



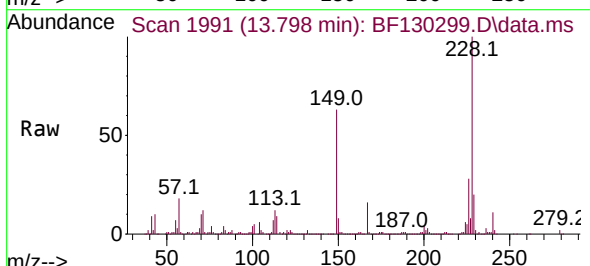
Tgt Ion:228 Resp: 425418
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.7 15.3 22.9

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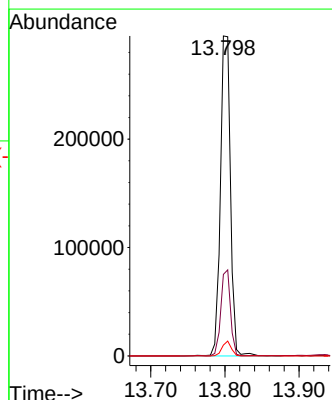
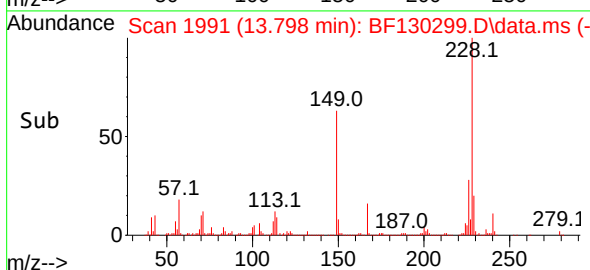
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

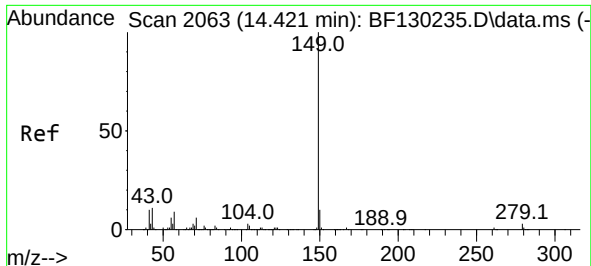


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.617 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



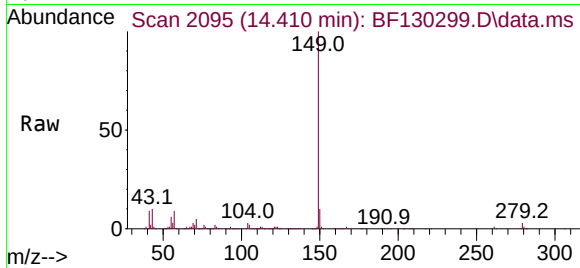
Tgt Ion:149 Resp: 277953
Ion Ratio Lower Upper
149 100
167 25.5 20.5 30.7
279 3.4 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 59.398 ng
RT: 14.410 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

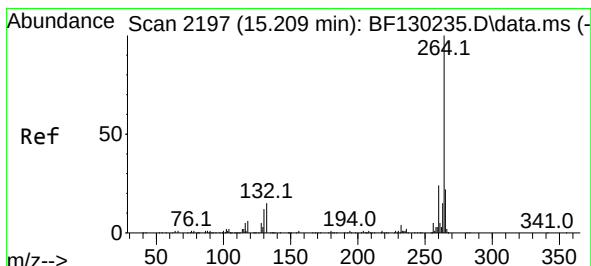
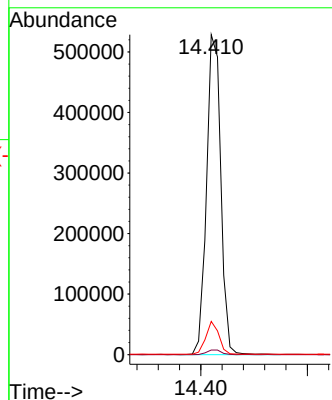
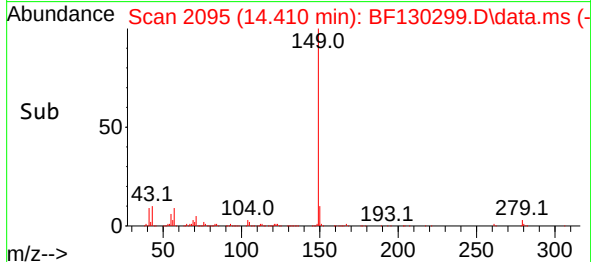
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:149 Resp: 489217
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.4 8.7 13.1

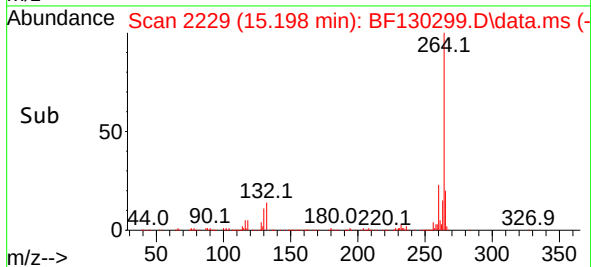
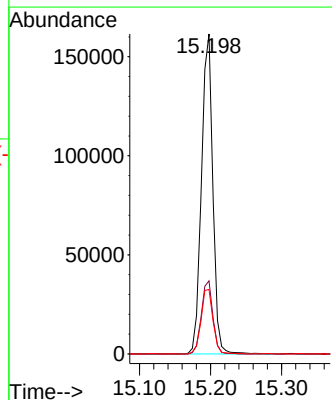
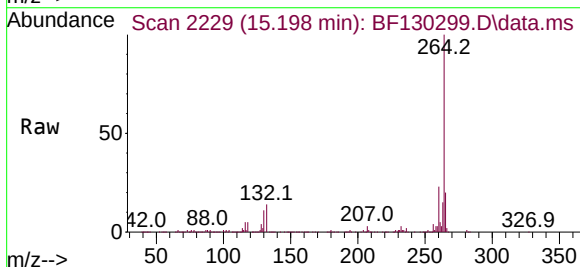
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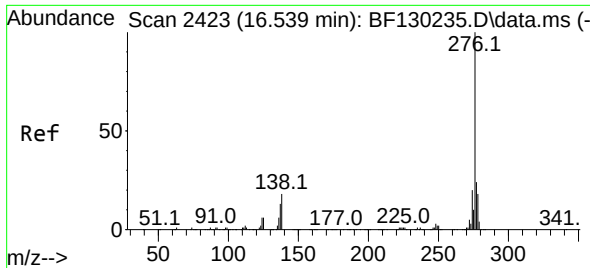
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

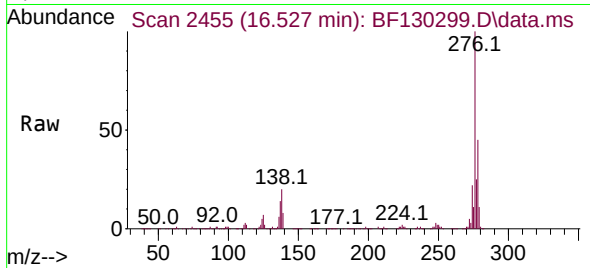
Tgt Ion:264 Resp: 178289
Ion Ratio Lower Upper
264 100
260 22.8 19.3 28.9
265 20.1 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.222 ng
 RT: 16.527 min Scan# 2423
 Delta R.T. 0.000 min
 Lab File: BF130299.D
 Acq: 16 Sep 2022 19:55

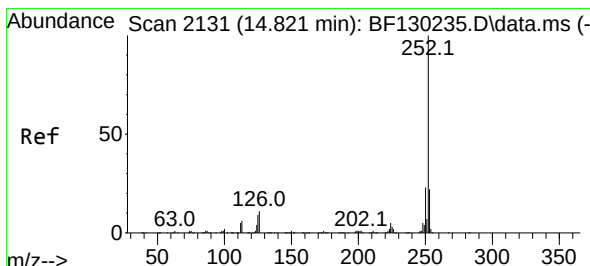
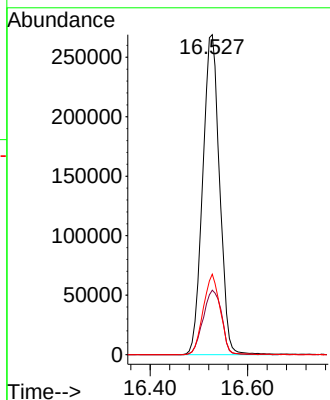
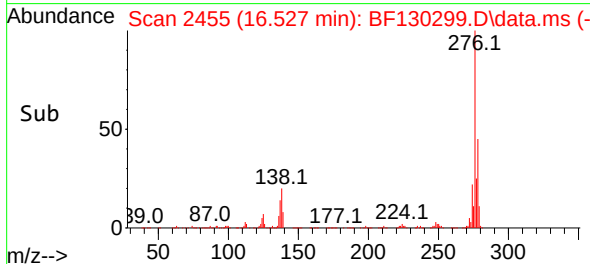
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS



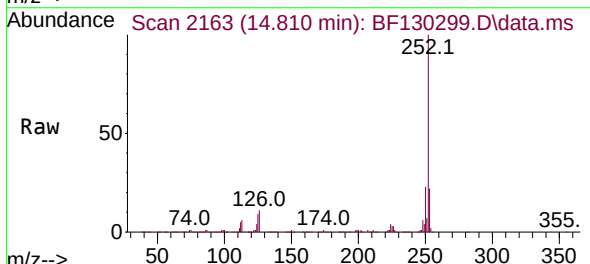
Tgt Ion:276 Resp: 647612
 Ion Ratio Lower Upper
 276 100
 138 22.1 18.5 27.7
 277 25.2 20.2 30.4

Manual Integrations
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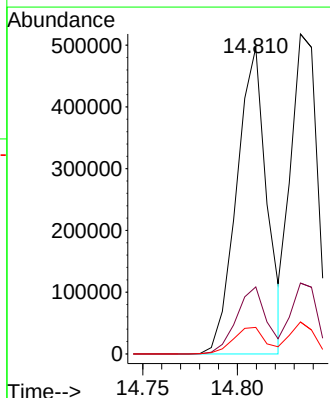
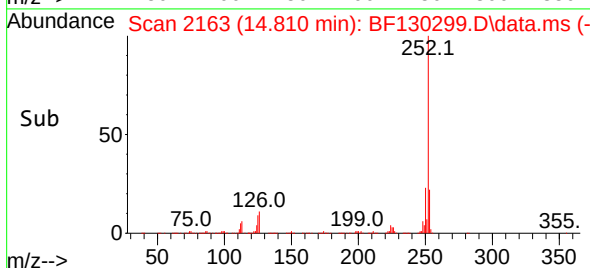
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022

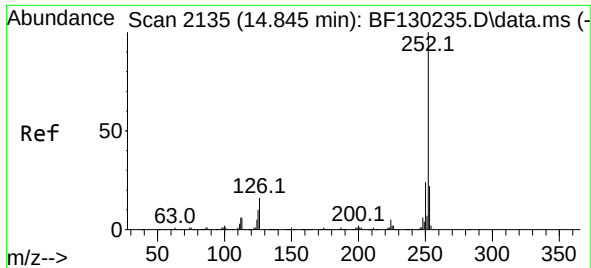


#88
 Benzo(b)fluoranthene
 Concen: 47.384 ng
 RT: 14.810 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: BF130299.D
 Acq: 16 Sep 2022 19:55



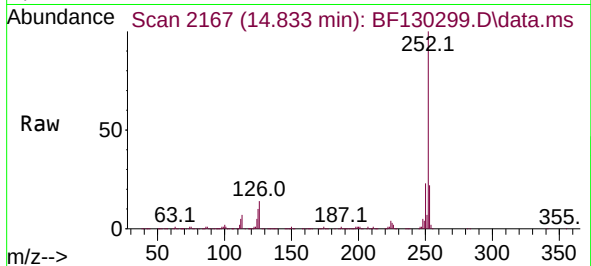
Tgt Ion:252 Resp: 551395
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 8.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.646 ng
RT: 14.833 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

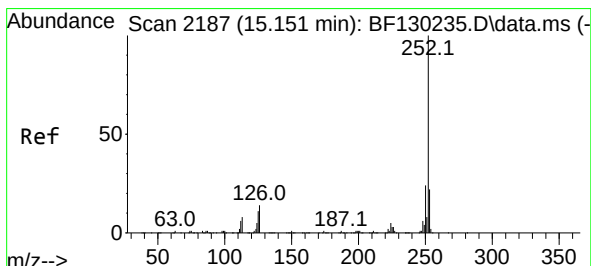
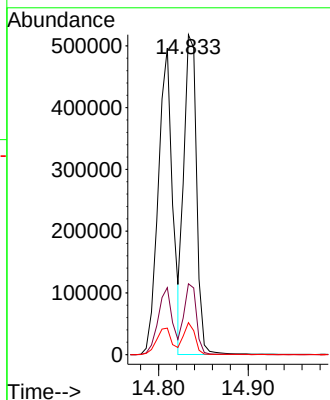
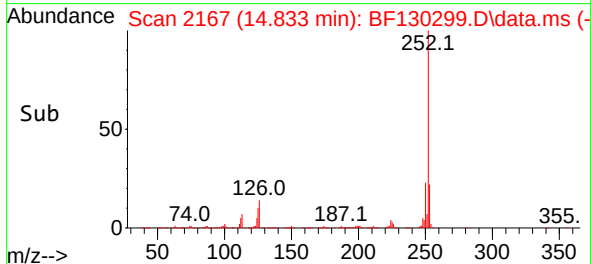
Instrument :
BNA_F
ClientSampleId :
SP-4MS



Tgt Ion:252 Resp: 511072
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.0 7.9 11.9

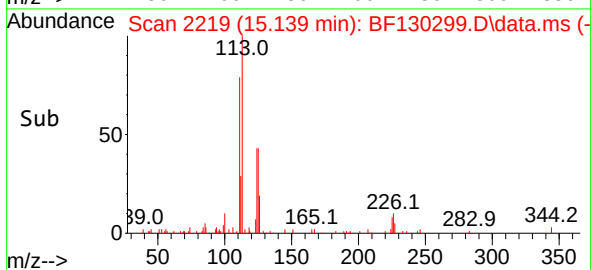
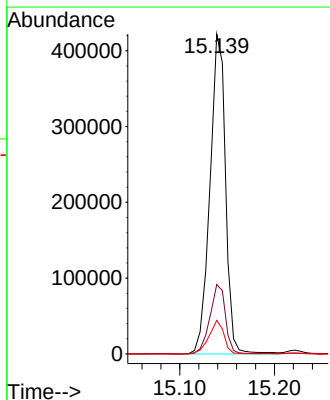
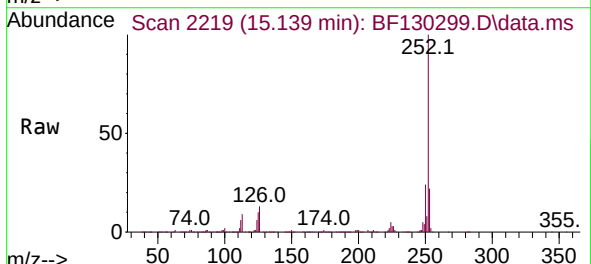
Manual Integrations
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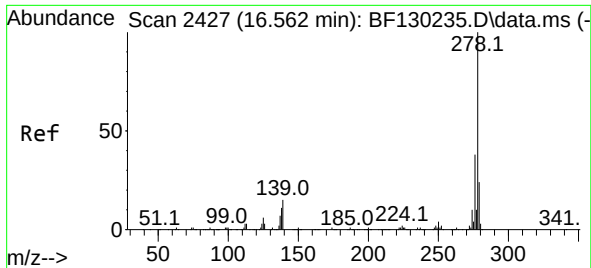
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#90
Benzo(a)pyrene
Concen: 52.502 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

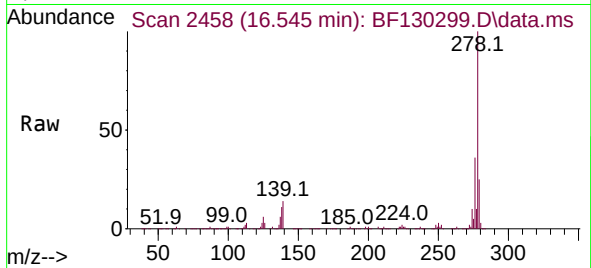
Tgt Ion:252 Resp: 484025
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 53.984 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55

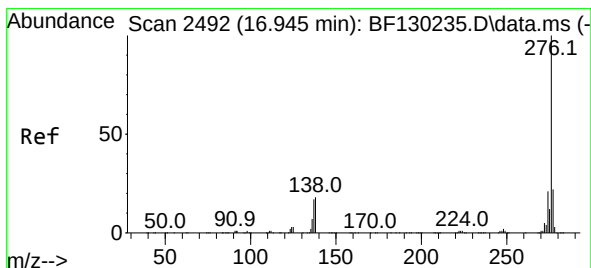
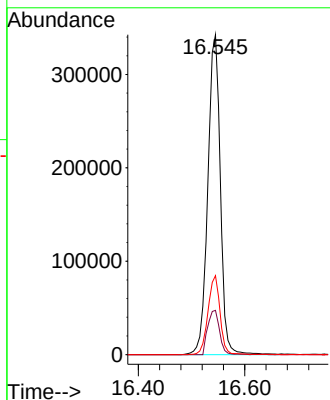
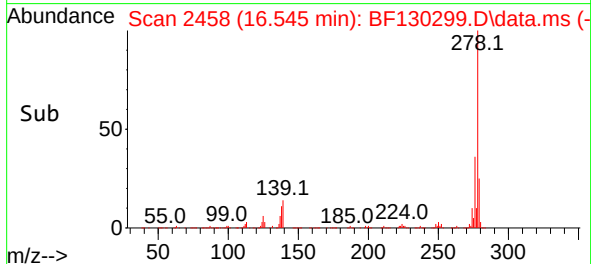
Instrument :
BNA_F
ClientSampleId :
SP-4MS



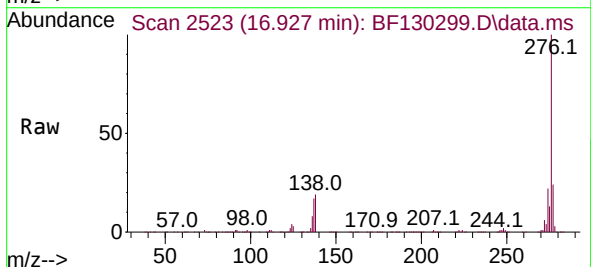
Tgt Ion: 278 Resp: 559913
Ion Ratio Lower Upper
278 100
139 13.8 11.8 17.8
279 24.7 19.4 29.0

Manual Integrations
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Reviewed By : Christian Giraldo 09/19/2022
Supervised By : Jagrut Upadhyay 09/19/2022



#92
Benzo(g,h,i)perylene
Concen: 52.171 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BF130299.D
Acq: 16 Sep 2022 19:55



Tgt Ion: 276 Resp: 545091
Ion Ratio Lower Upper
276 100
277 24.1 18.6 27.8
138 19.2 14.6 21.8

