

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130300.D
 Acq On : 16 Sep 2022 20:27
 Operator : CG\JU
 Sample : N4656-31MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 17 03:29:25 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	88394	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	342205	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	169476	20.000	ng	0.00
64) Phenanthrene-d10	11.180	188	247553	20.000	ng	0.00
76) Chrysene-d12	13.804	240	141536	20.000	ng	0.00
86) Perylene-d12	15.198	264	179570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	657546	129.023	ng	0.02
7) Phenol-d6	6.310	99	833309	130.681	ng	0.00
23) Nitrobenzene-d5	7.239	82	555132	82.877	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	194528	119.790	ng	0.00
45) 2-Fluorobiphenyl	9.027	172	999421	85.873	ng	0.00
79) Terphenyl-d14	12.763	244	677269	79.265	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.363	88	97610	41.704	ng	97
3) Pyridine	3.040	79	252157	41.299	ng	97
4) n-Nitrosodimethylamine	3.004	42	145530	43.825	ng	96
6) Aniline	6.334	93	334516	42.576	ng	99
8) 2-Chlorophenol	6.451	128	291105	50.144	ng	94
9) Benzaldehyde	6.216	77	180125	42.170	ng	97
10) Phenol	6.322	94	356792	47.745	ng	97
11) bis(2-Chloroethyl)ether	6.410	93	260700	48.367	ng	97
12) 1,3-Dichlorobenzene	6.610	146	317237	49.662	ng	98
13) 1,4-Dichlorobenzene	6.686	146	324008	49.739	ng	99
14) 1,2-Dichlorobenzene	6.839	146	305783	50.250	ng	97
15) Benzyl Alcohol	6.816	79	210250	41.586	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.951	45	351894	44.762	ng	94
17) 2-Methylphenol	6.934	107	239059	50.656	ng	98
18) Hexachloroethane	7.181	117	123705	48.177	ng	97
19) n-Nitroso-di-n-propyla...	7.092	70	197655	45.936	ng	95
20) 3+4-Methylphenols	7.086	107	282176	46.028	ng	94
22) Acetophenone	7.086	105	407305	48.683	ng	# 96
24) Nitrobenzene	7.257	77	309376	45.487	ng	95
25) Isophorone	7.498	82	528648	48.967	ng	98
26) 2-Nitrophenol	7.569	139	148178	53.146	ng	97
27) 2,4-Dimethylphenol	7.616	122	230049	53.587	ng	98
28) bis(2-Chloroethoxy)met...	7.710	93	318223	52.347	ng	100
29) 2,4-Dichlorophenol	7.810	162	229008	48.679	ng	97
30) 1,2,4-Trichlorobenzene	7.892	180	245122	48.194	ng	96
31) Naphthalene	7.975	128	822550	46.656	ng	99
32) Benzoic acid	7.692	122	42397	12.771	ng	94
33) 4-Chloroaniline	8.028	127	213120	31.784	ng	96
34) Hexachlorobutadiene	8.092	225	158728	48.831	ng	98
35) Caprolactam	8.392	113	55073m	40.836	ng	
36) 4-Chloro-3-methylphenol	8.510	107	246218	47.218	ng	98
37) 2-Methylnaphthalene	8.663	142	529388	47.096	ng	99
38) 1-Methylnaphthalene	8.763	142	501756	46.466	ng	99
40) 1,2,4,5-Tetrachloroben...	8.828	216	237197	51.285	ng	98
41) Hexachlorocyclopentadiene	8.816	237	320360	129.374	ng	99
43) 2,4,6-Trichlorophenol	8.939	196	152398	47.213	ng	98

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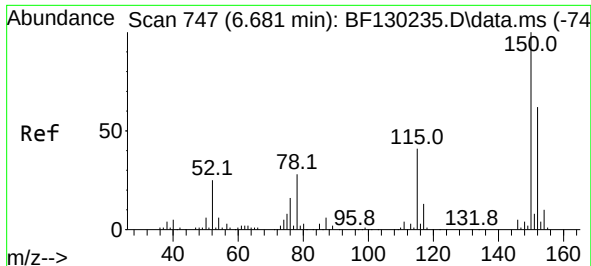
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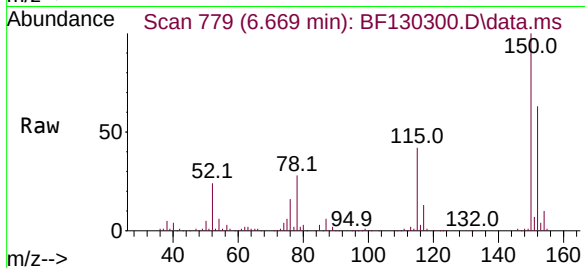
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	162597	46.680	ng	99
46) 1,1'-Biphenyl	9.127	154	637259	50.347	ng	99
47) 2-Chloronaphthalene	9.151	162	488720	47.732	ng	99
48) 2-Nitroaniline	9.251	65	148186	43.393	ng	93
49) Acenaphthylene	9.563	152	730048	47.555	ng	100
50) Dimethylphthalate	9.433	163	535656	45.756	ng	100
51) 2,6-Dinitrotoluene	9.492	165	119377	48.759	ng	91
52) Acenaphthene	9.733	154	473120m	46.906	ng	
53) 3-Nitroaniline	9.657	138	83366	30.558	ng	100
54) 2,4-Dinitrophenol	9.763	184	52335	42.579	ng	91
55) Dibenzofuran	9.904	168	655343	46.711	ng	99
56) 4-Nitrophenol	9.822	139	164560	82.817	ng	93
57) 2,4-Dinitrotoluene	9.892	165	145984	46.655	ng	93
58) Fluorene	10.245	166	517674	45.118	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.022	232	109076	40.008	ng	97
60) Diethylphthalate	10.133	149	509262	43.380	ng	98
61) 4-Chlorophenyl-phenyle...	10.245	204	237724	47.230	ng	97
62) 4-Nitroaniline	10.269	138	109570	39.980	ng	98
63) Azobenzene	10.404	77	488775	40.434	ng	96
65) 4,6-Dinitro-2-methylph...	10.292	198	45564	33.064	ng	91
66) n-Nitrosodiphenylamine	10.363	169	420562	50.839	ng	98
67) 4-Bromophenyl-phenylether	10.733	248	142194	52.069	ng	93
68) Hexachlorobenzene	10.786	284	161040	52.021	ng	92
69) Atrazine	10.892	200	122032	50.478	ng	97
70) Pentachlorophenol	10.980	266	120881	72.758	ng	98
71) Phenanthrene	11.204	178	639299	45.997	ng	99
72) Anthracene	11.257	178	644540	48.055	ng	98
73) Carbazole	11.410	167	540413	44.645	ng	99
74) Di-n-butylphthalate	11.751	149	641599	43.955	ng	99
75) Fluoranthene	12.386	202	536192	39.924	ng	97
77) Benzidine	12.515	184	376447	91.623	ng	99
78) Pyrene	12.610	202	519968	41.995	ng	100
80) Butylbenzylphthalate	13.239	149	201196	43.863	ng	98
81) Benzo(a)anthracene	13.798	228	443642	47.117	ng	99
82) 3,3'-Dichlorobenzidine	13.768	252	107278	41.856	ng	# 99
83) Chrysene	13.833	228	420013	46.980	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	262014	49.870	ng	99
85) Di-n-octyl phthalate	14.410	149	467170	58.135	ng	97
87) Indeno(1,2,3-cd)pyrene	16.527	276	655086	51.444	ng	99
88) Benzo(b)fluoranthene	14.809	252	547063	46.676	ng	98
89) Benzo(k)fluoranthene	14.833	252	517280	44.866	ng	100
90) Benzo(a)pyrene	15.139	252	488312	52.589	ng	98
91) Dibenzo(a,h)anthracene	16.545	278	564791	54.065	ng	99
92) Benzo(g,h,i)perylene	16.927	276	554767	52.719	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130300.D
 Acq: 16 Sep 2022 20:27

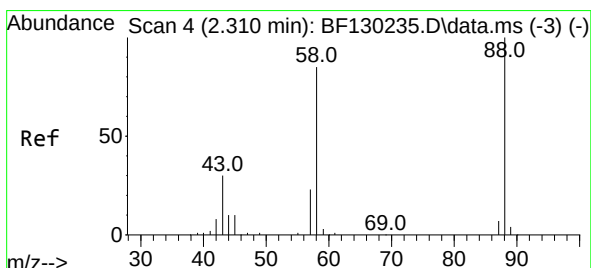
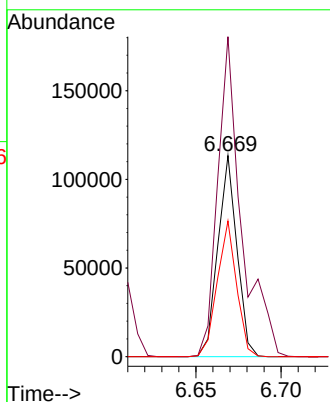
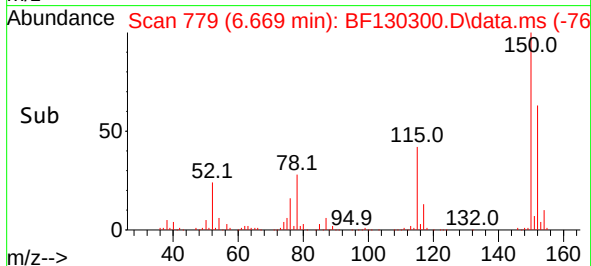
Instrument :
 BNA_F
 ClientSampleId :
 SP-4MSD



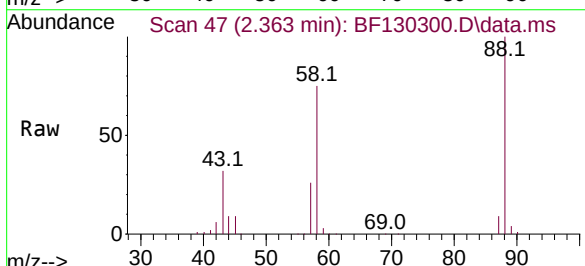
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 Ion Ratio Lower Upper
 152 100
 150 159.1 122.8 184.2
 115 67.5 53.8 80.8

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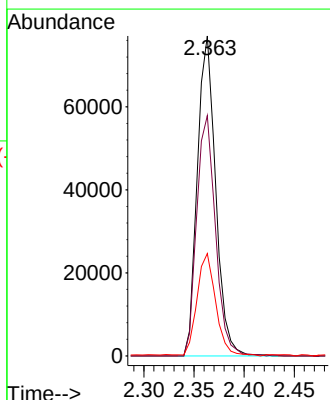
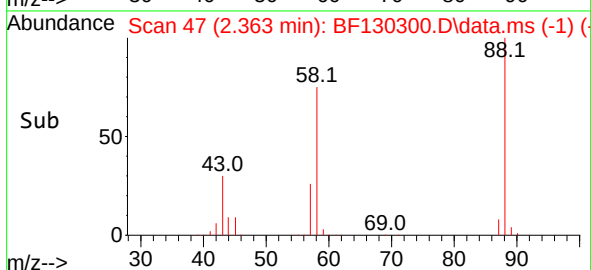
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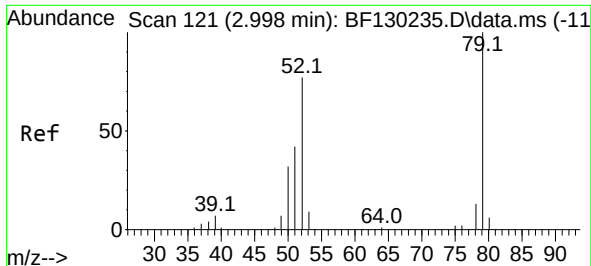


#2
 1,4-Dioxane
 Concen: 41.704 ng
 RT: 2.363 min Scan# 47
 Delta R.T. 0.059 min
 Lab File: BF130300.D
 Acq: 16 Sep 2022 20:27



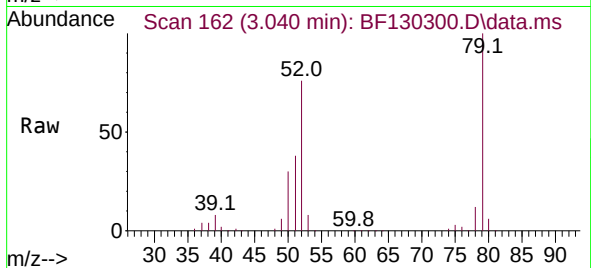
Tgt Ion: 88 Resp: 97610
 Ion Ratio Lower Upper
 88 100
 58 77.1 61.3 91.9
 43 32.9 23.0 34.6





#3
Pyridine
Concen: 41.299 ng
RT: 3.040 min Scan# 110
Delta R.T. 0.053 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

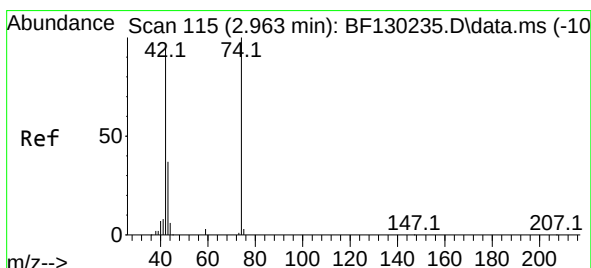
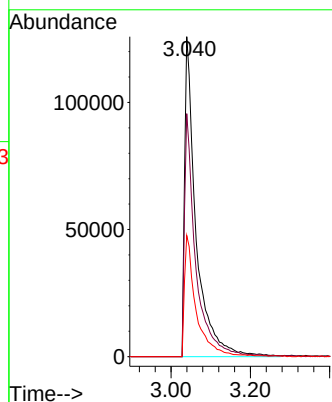
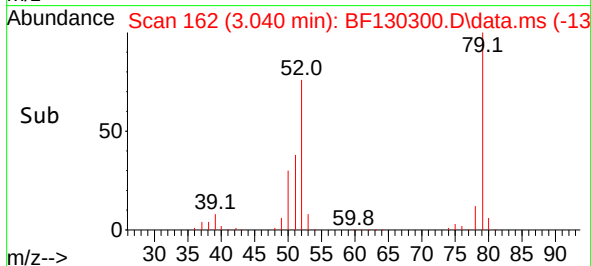
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



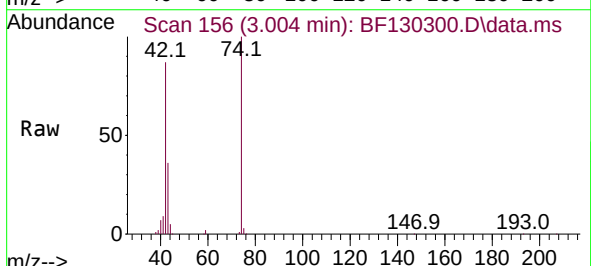
Tgt Ion: 79 Resp: 252152
Ion Ratio Lower Upper
79 100
52 75.9 62.4 93.6
51 37.8 32.2 48.4

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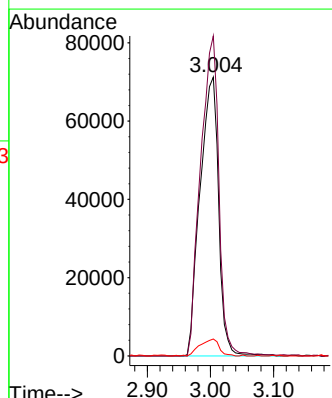
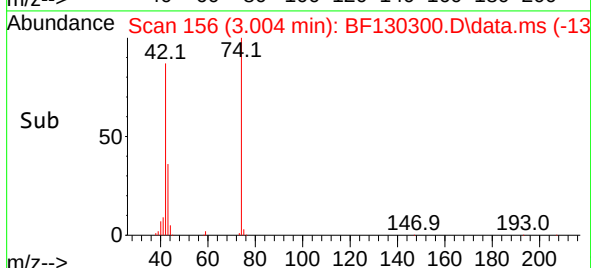
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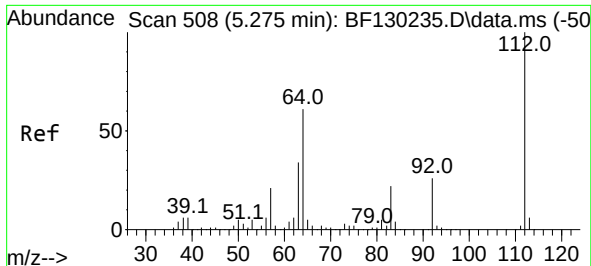


#4
n-Nitrosodimethylamine
Concen: 43.825 ng
RT: 3.004 min Scan# 156
Delta R.T. 0.053 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



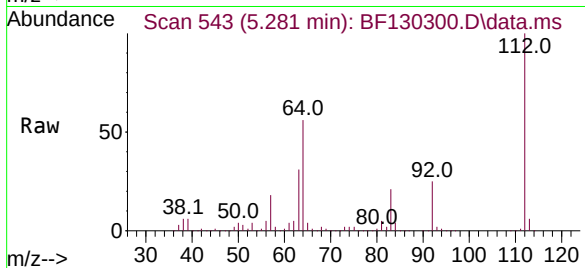
Tgt Ion: 42 Resp: 145530
Ion Ratio Lower Upper
42 100
74 114.8 88.4 132.6
44 6.1 5.0 7.4





#5
2-Fluorophenol
Concen: 129.023 ng
RT: 5.281 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

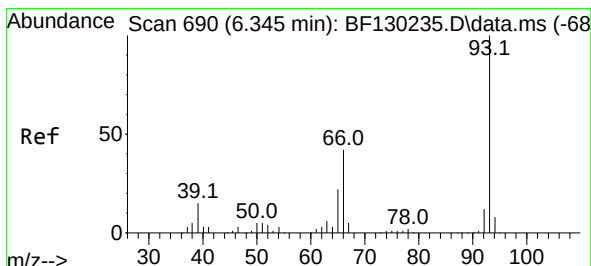
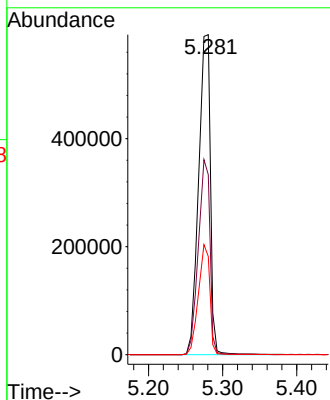
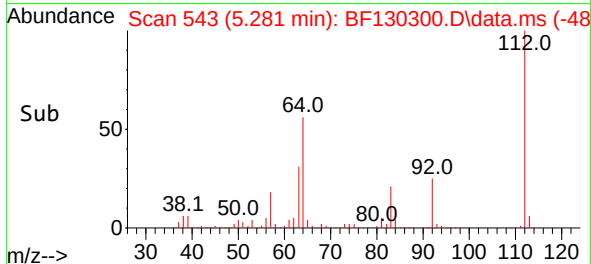
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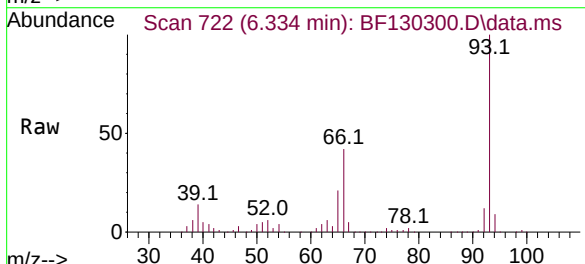
Tgt Ion:112 Resp: 657546
Ion Ratio Lower Upper
112 100
64 56.2 51.4 77.0
63 30.7 28.8 43.2

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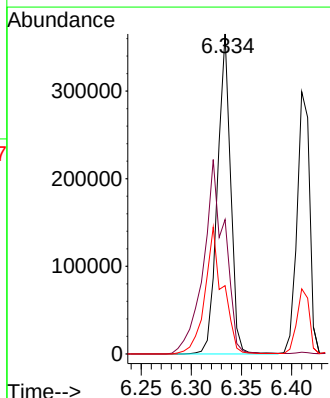
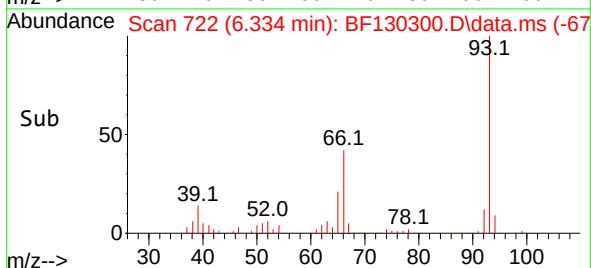
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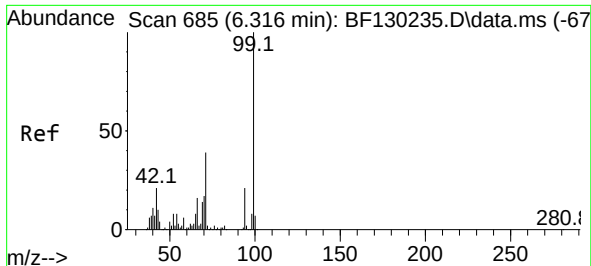


#6
Aniline
Concen: 42.576 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



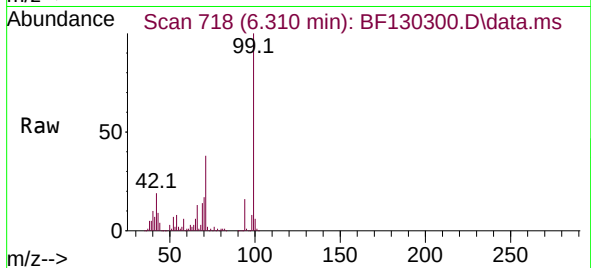
Tgt Ion: 93 Resp: 334516
Ion Ratio Lower Upper
93 100
66 42.0 34.2 51.4
65 21.3 16.6 24.8





#7
Phenol-d6
Concen: 130.681 ng
RT: 6.310 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

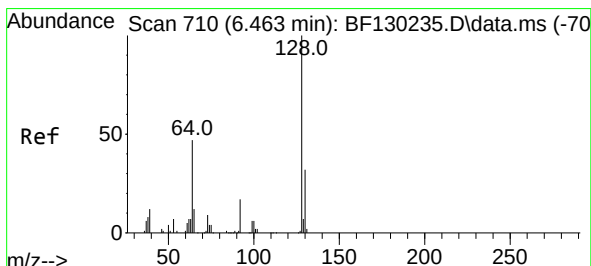
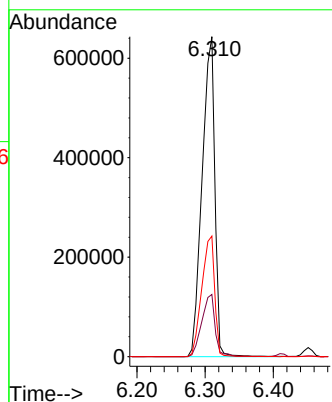
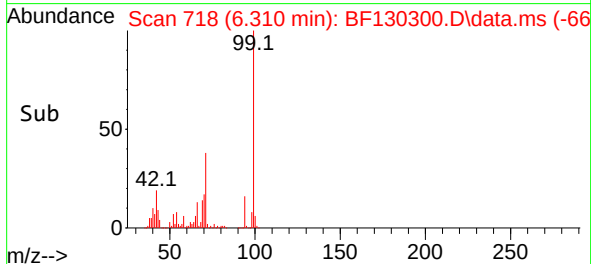
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion: 99 Resp: 833309
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 37.7 32.3 48.5

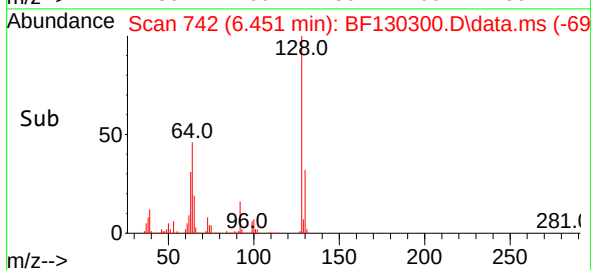
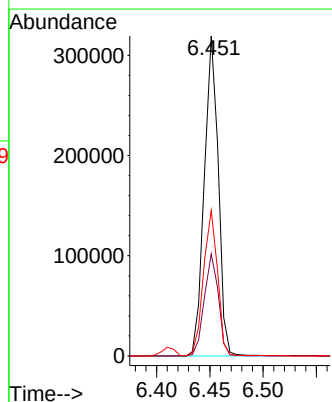
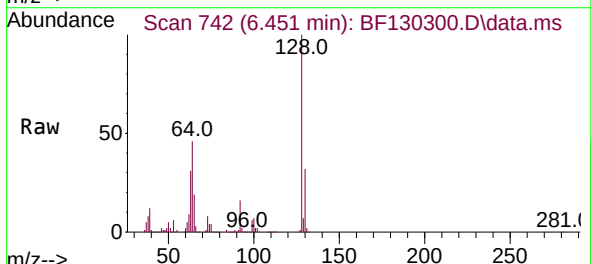
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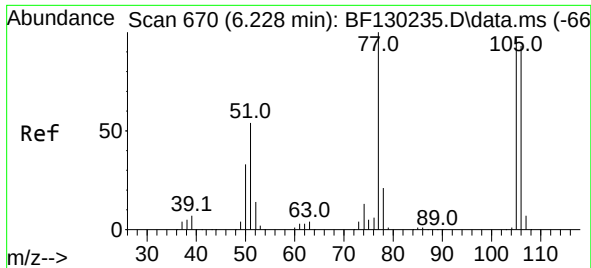
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#8
2-Chlorophenol
Concen: 50.144 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

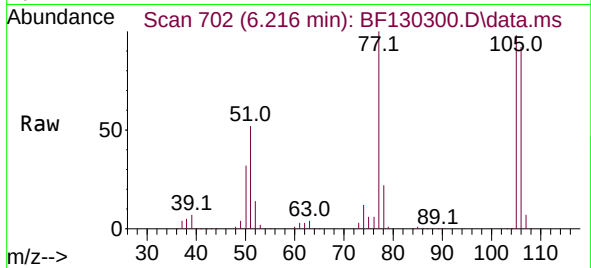
Tgt Ion:128 Resp: 291105
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 45.5 31.6 71.6





#9
Benzaldehyde
Concen: 42.170 ng
RT: 6.216 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

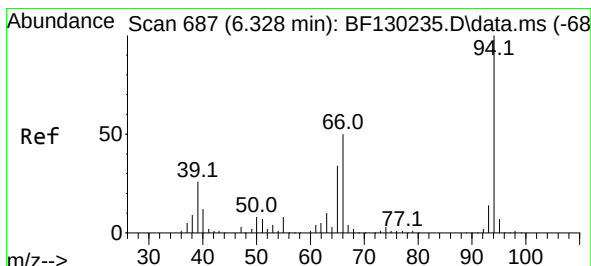
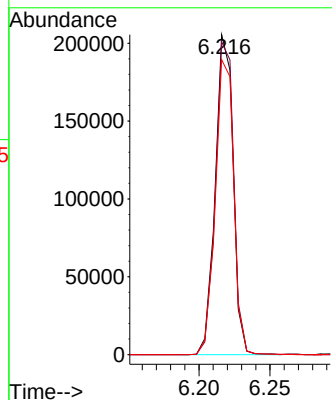
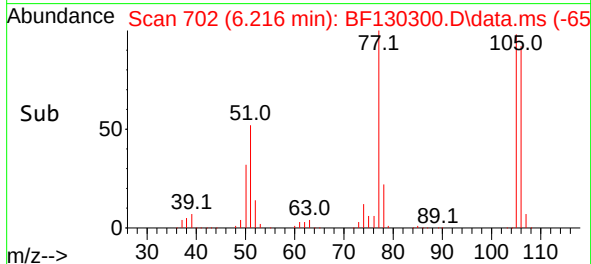
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



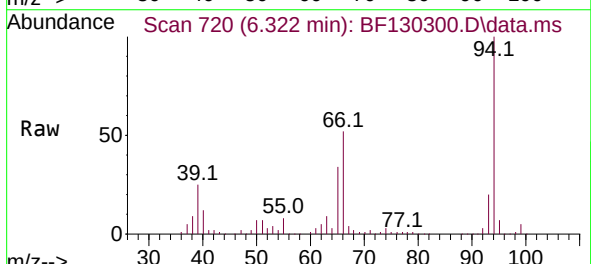
Tgt Ion: 77 Resp: 180125
Ion Ratio Lower Upper
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106 92.2 69.7 109.7

Manual Integrations
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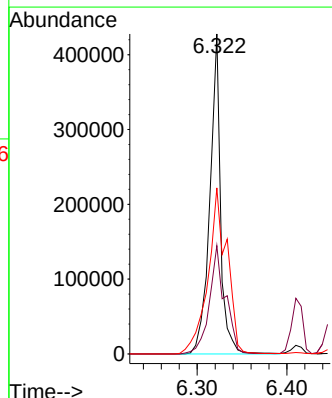
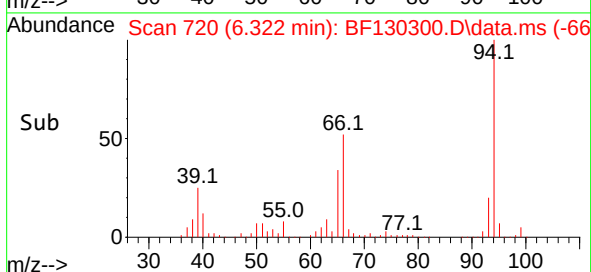
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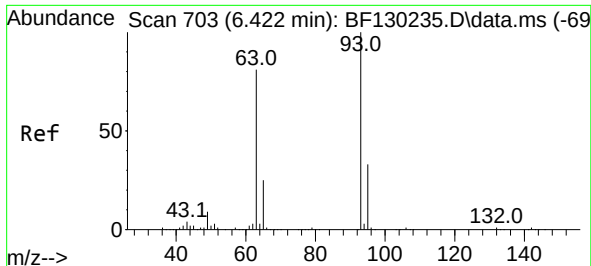


#10
Phenol
Concen: 47.745 ng
RT: 6.322 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion: 94 Resp: 356792
Ion Ratio Lower Upper
94 100
65 33.8 14.1 54.1
66 51.9 28.1 68.1





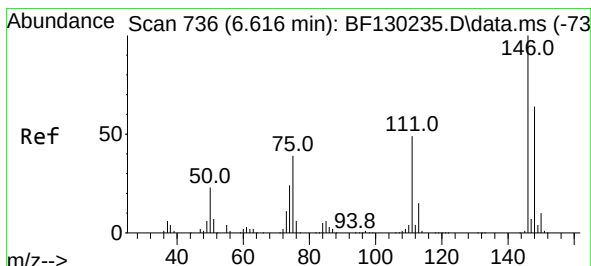
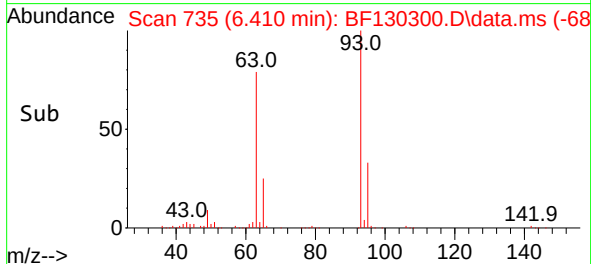
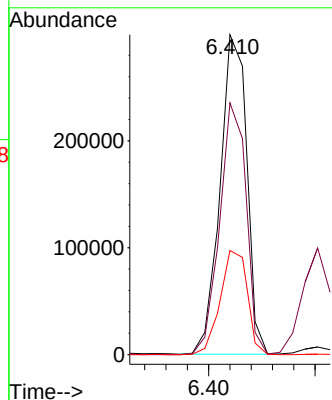
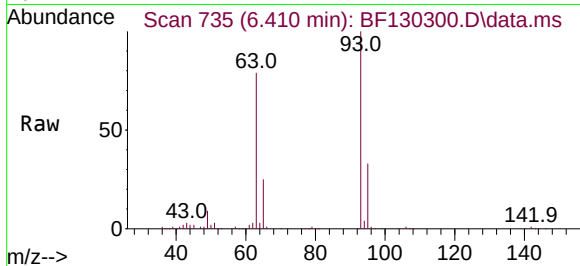
#11
bis(2-Chloroethyl)ether
Concen: 48.367 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SP-4MSD

Tgt Ion: 93 Resp: 260700
Ion Ratio Lower Upper
93 100
63 78.6 62.5 102.5
95 32.5 12.5 52.5

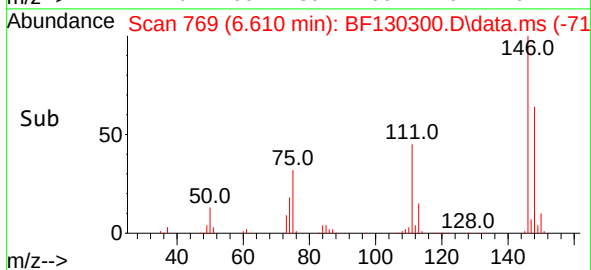
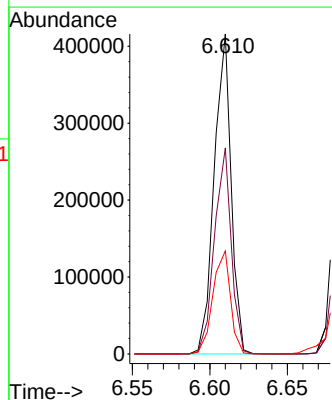
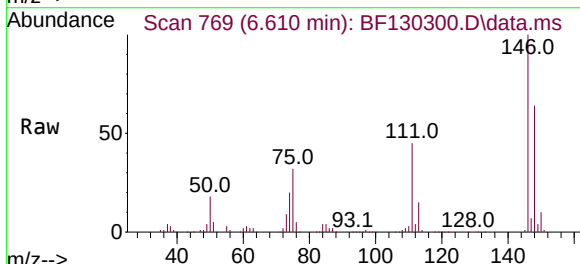
Manual Integrations
APPROVED

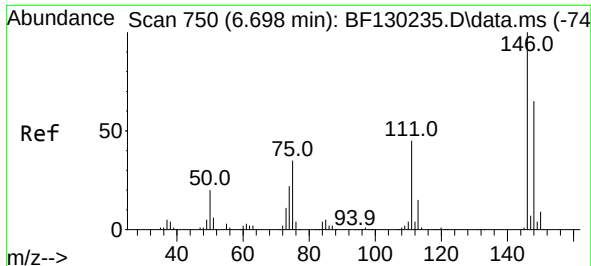
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#12
1,3-Dichlorobenzene
Concen: 49.662 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

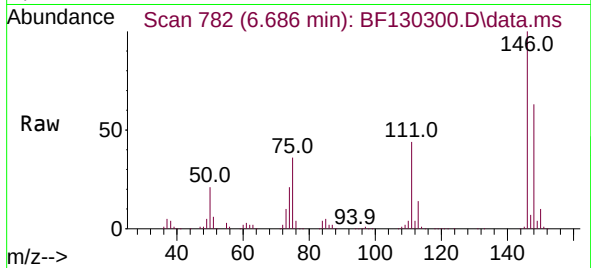
Tgt Ion:146 Resp: 317237
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 32.2 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 49.739 ng
RT: 6.686 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

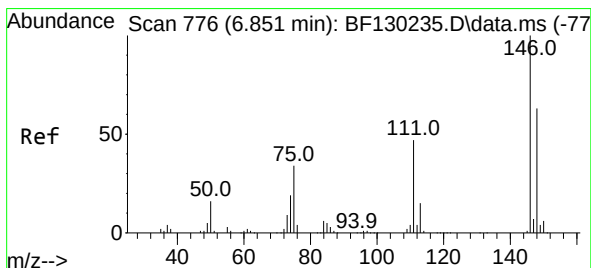
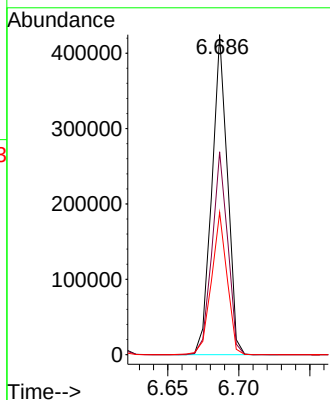
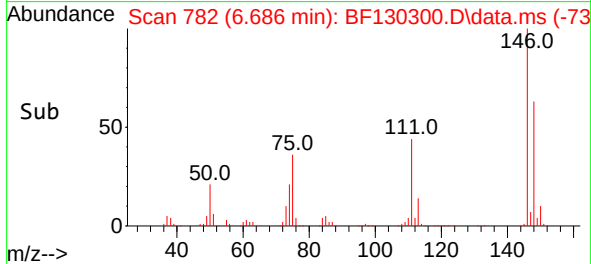
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



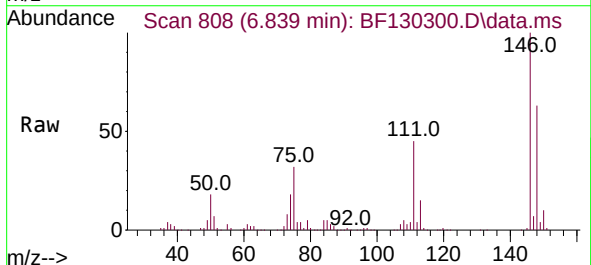
Tgt Ion:146 Resp: 324008
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 44.4 36.3 54.5

Manual Integrations
APPROVED

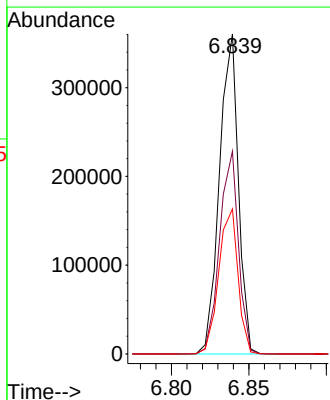
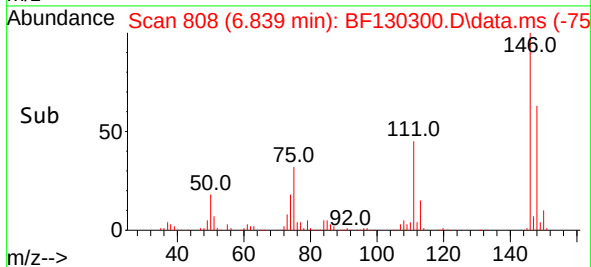
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

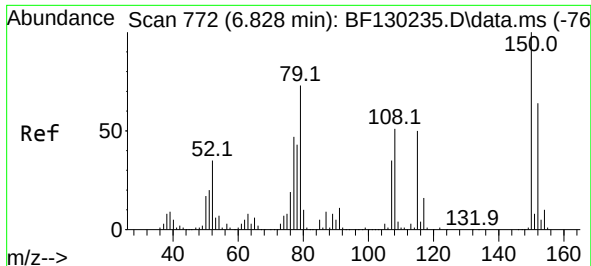


#14
1,2-Dichlorobenzene
Concen: 50.250 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



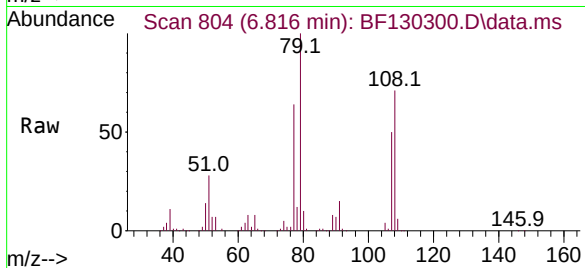
Tgt Ion:146 Resp: 305783
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
111 45.3 39.2 58.8





#15
Benzyl Alcohol
Concen: 41.586 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

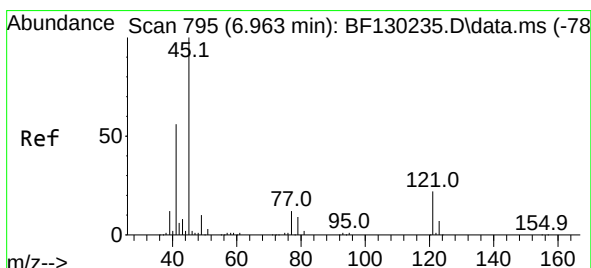
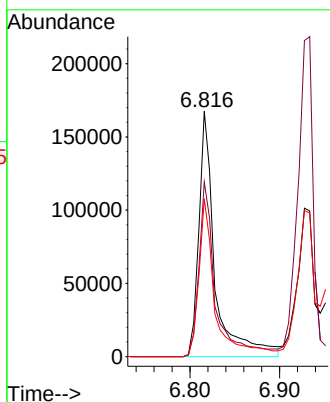
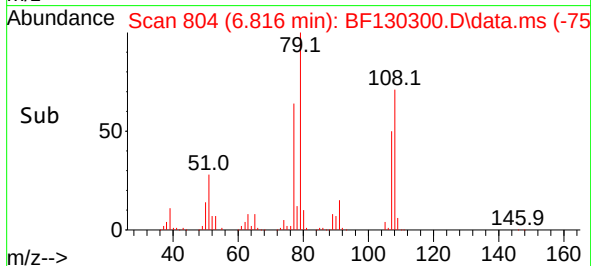
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion: 79 Resp: 210250
Ion Ratio Lower Upper
79 100
108 71.2 54.0 81.0
77 64.4 51.3 76.9

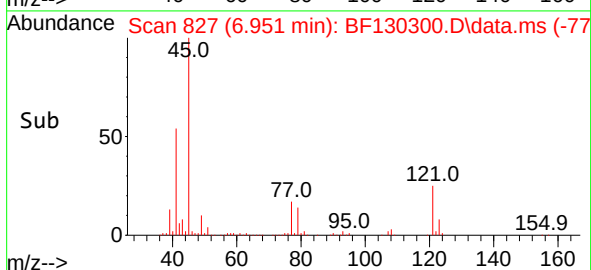
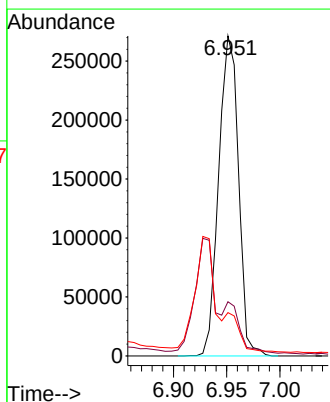
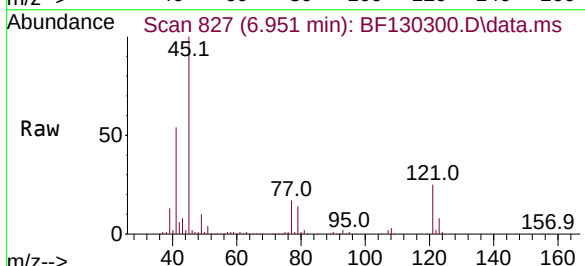
Manual Integrations
APPROVED

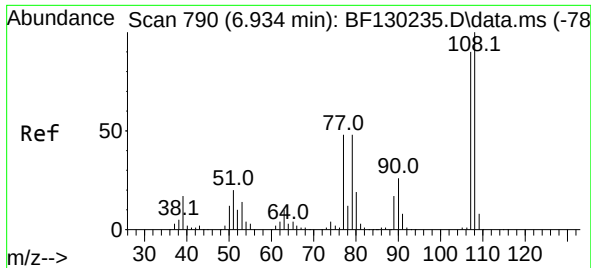
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.762 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

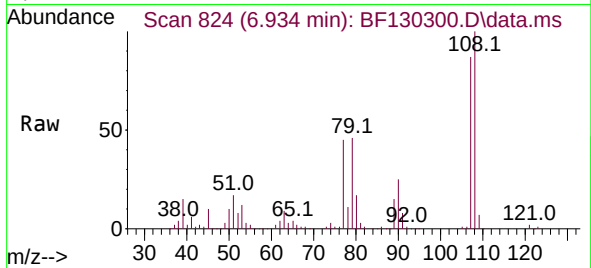
Tgt Ion: 45 Resp: 351894
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.9
79 13.5 0.0 31.0





#17
2-Methylphenol
Concen: 50.656 ng
RT: 6.934 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

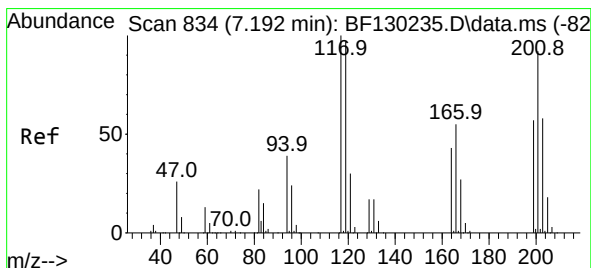
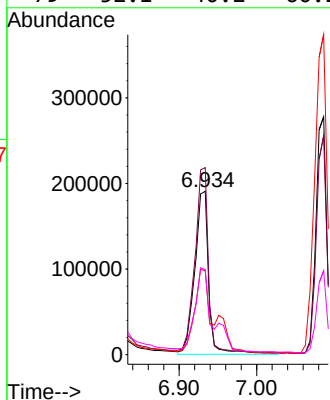
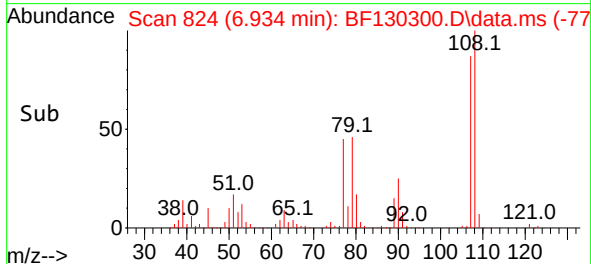
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion:	107	Resp:	239059
Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.4	134.0
77	51.4	40.6	60.8
79	52.1	40.2	60.2

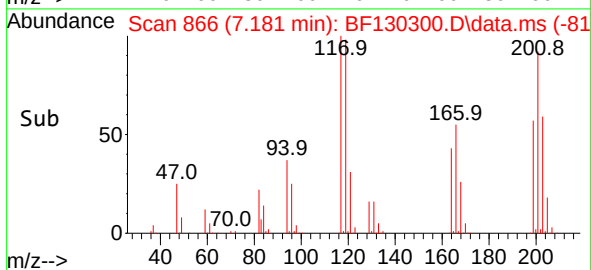
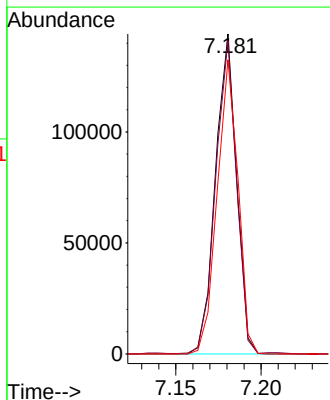
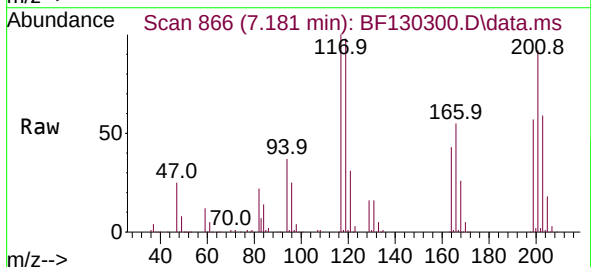
Manual Integrations
APPROVED

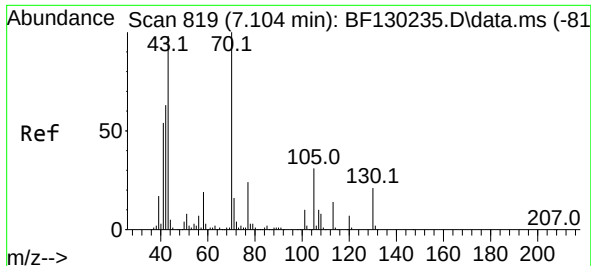
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#18
Hexachloroethane
Concen: 48.177 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

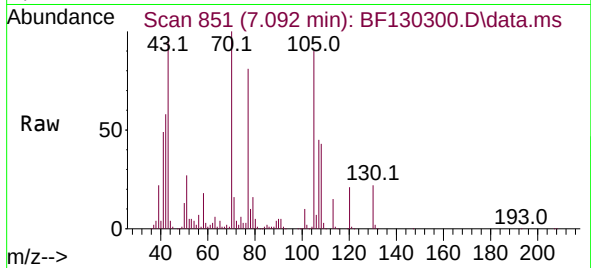
Tgt Ion:	117	Resp:	123705
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.8	116.6
201	91.9	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 45.936 ng
RT: 7.092 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

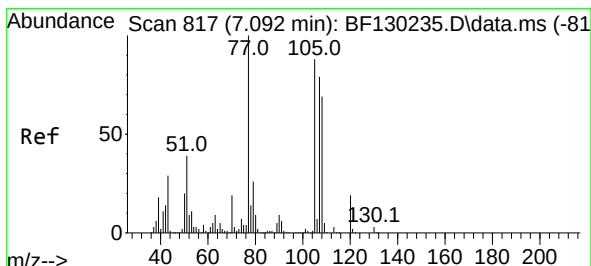
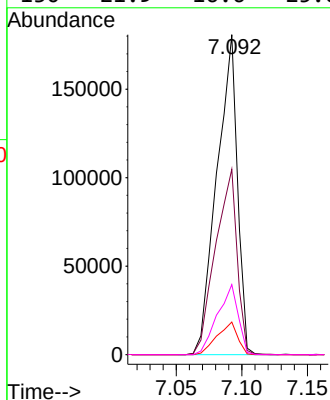
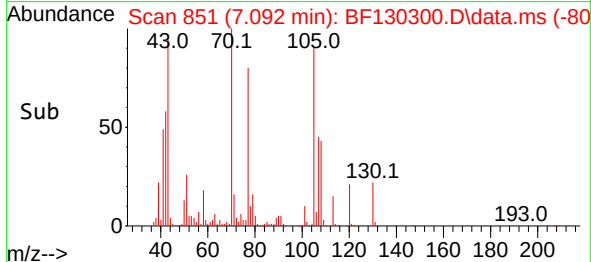
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



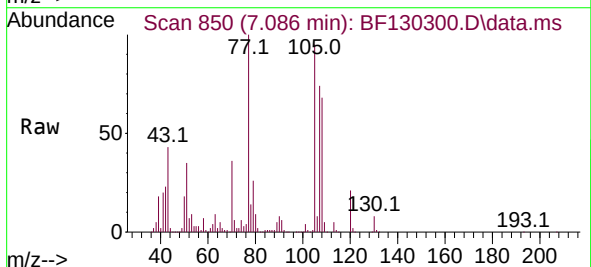
Tgt Ion: 70 Resp: 197655
Ion Ratio Lower Upper
70 100
42 57.9 50.8 76.2
101 10.2 8.2 12.4
130 21.9 16.6 25.0

Manual Integrations
APPROVED

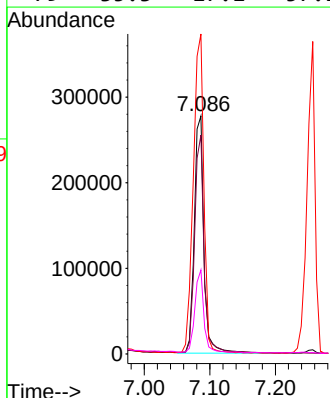
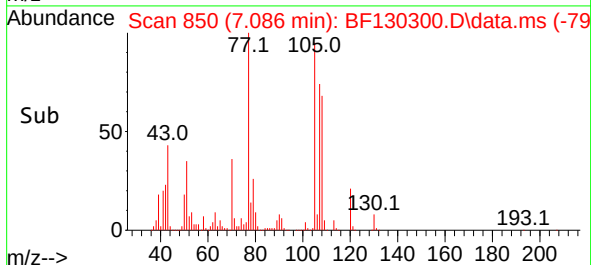
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

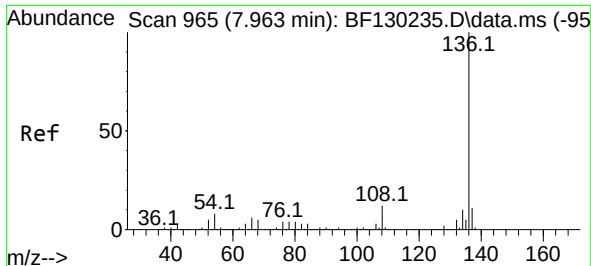


#20
3+4-Methylphenols
Concen: 46.028 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



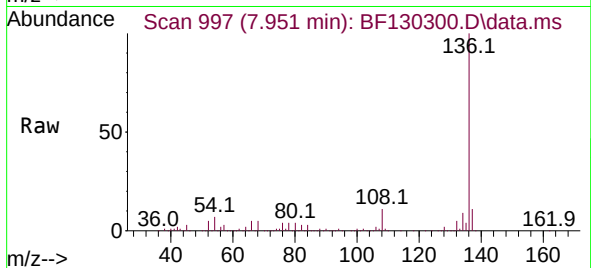
Tgt Ion:107 Resp: 282176
Ion Ratio Lower Upper
107 100
108 92.0 74.8 114.8
77 134.5 125.8 165.8
79 35.3 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

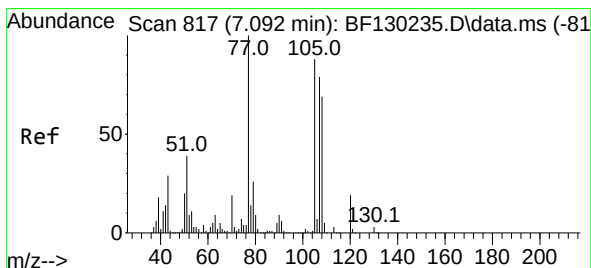
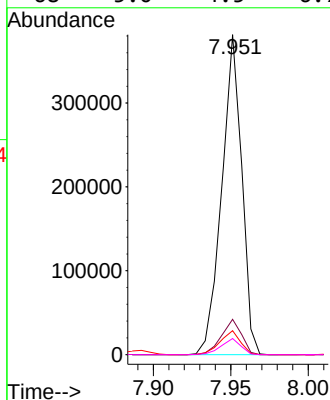
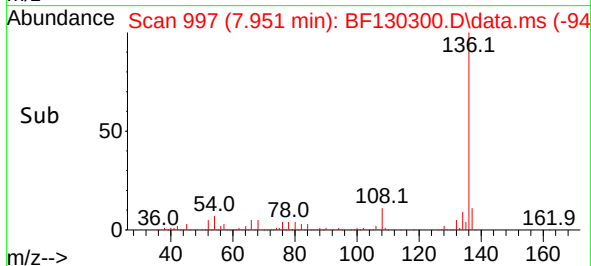
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion:136 Resp: 342205
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.5 7.1 10.7
68 5.0 4.5 6.7

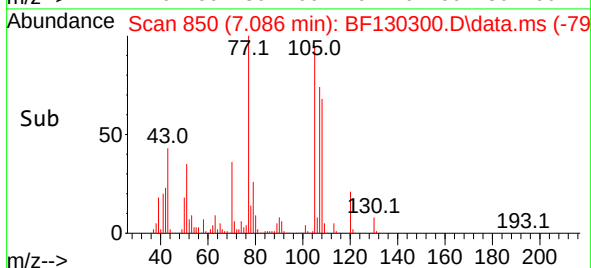
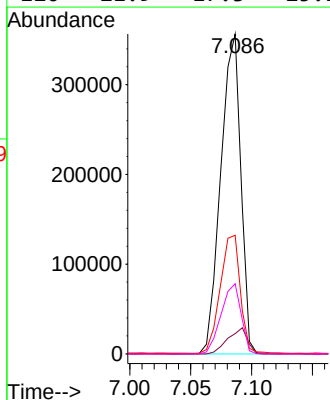
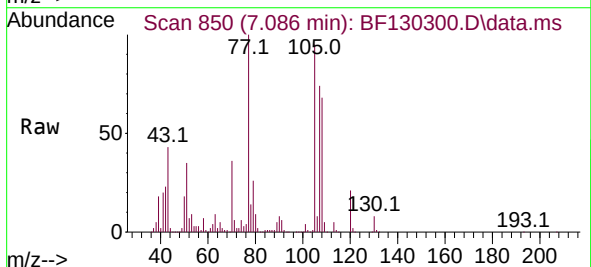
Manual Integrations
APPROVED

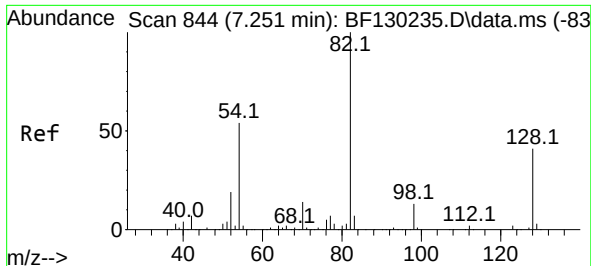
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#22
Acetophenone
Concen: 48.683 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Tgt Ion:105 Resp: 407305
Ion Ratio Lower Upper
105 100
71 6.3 3.9 5.9#
51 37.1 32.2 48.2
120 21.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 82.877 ng

RT: 7.239 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

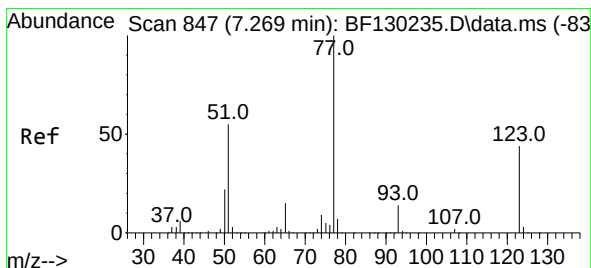
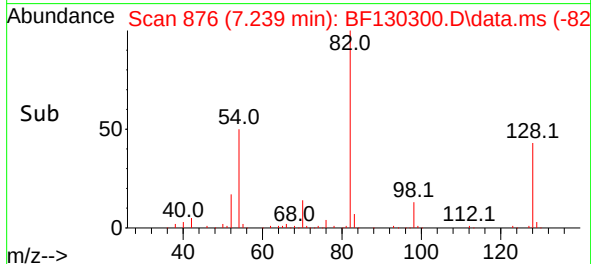
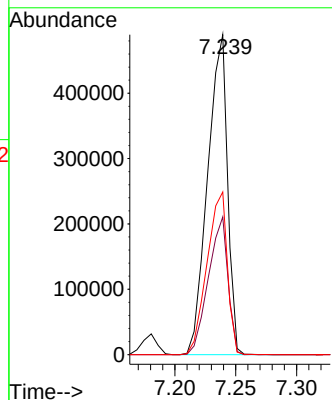
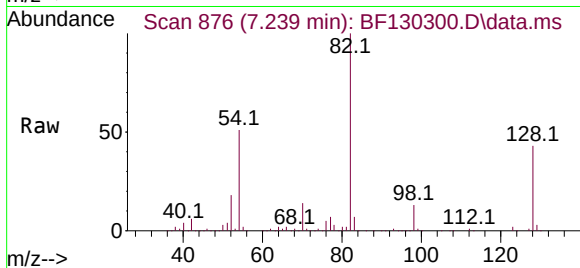
SP-4MSD

Tgt Ion: 82 Resp: 555132
 Ion Ratio Lower Upper
 82 100
 128 43.0 32.6 49.0
 54 50.8 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: 45.487 ng

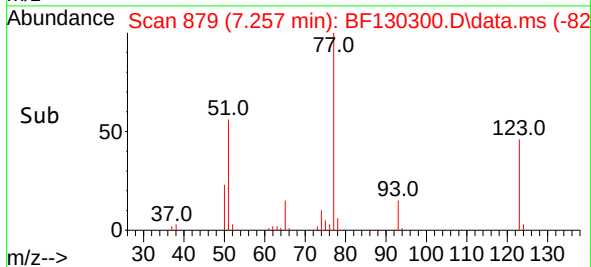
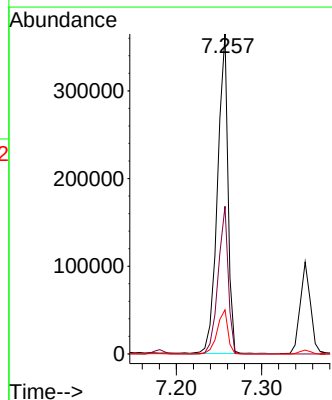
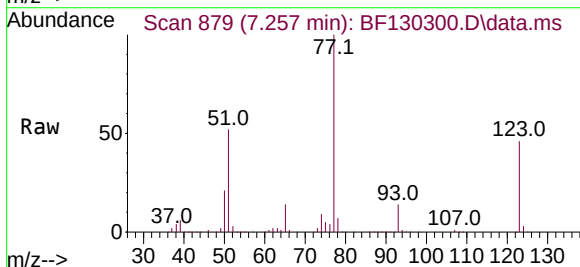
RT: 7.257 min Scan# 879

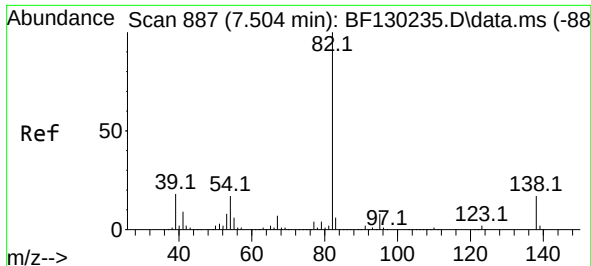
Delta R.T. -0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Tgt Ion: 77 Resp: 309376
 Ion Ratio Lower Upper
 77 100
 123 46.1 34.3 51.5
 65 13.8 12.0 18.0





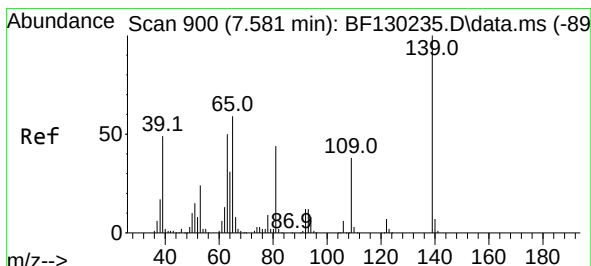
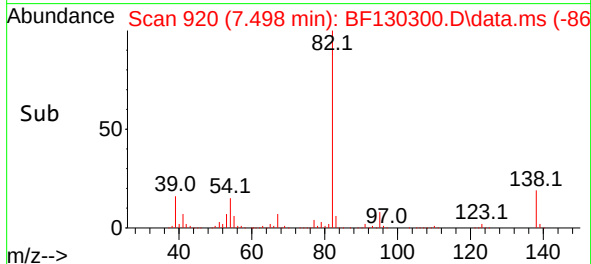
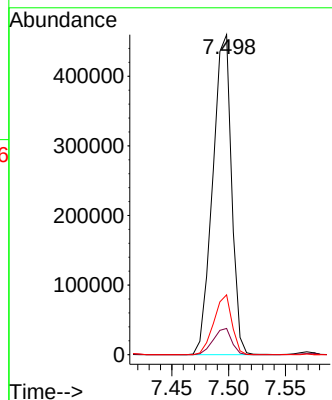
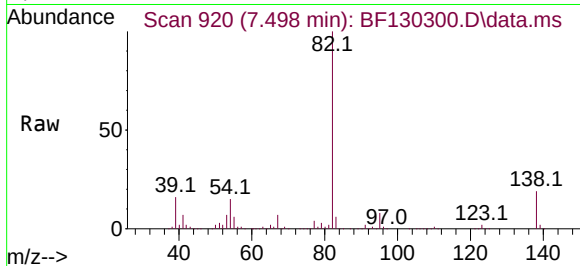
#25
Isophorone
Concen: 48.967 ng
RT: 7.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Instrument :
BNA_F
Client SampleId :
SP-4MSD

Tgt Ion: 82 Resp: 528648
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.7 13.8 20.6

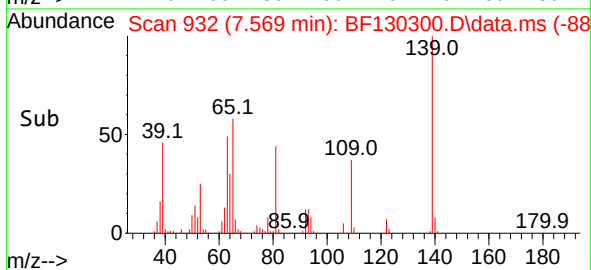
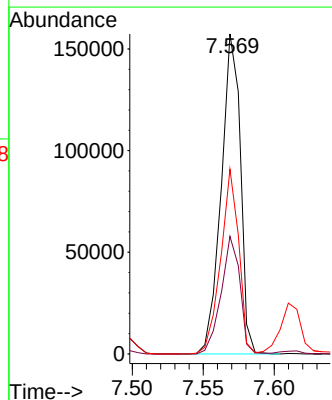
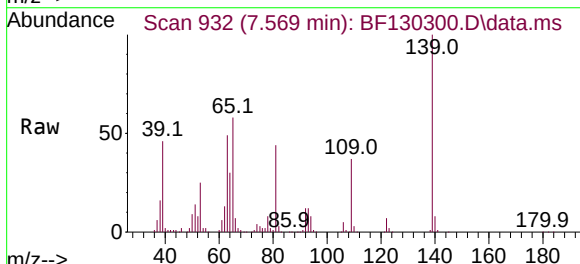
Manual Integrations
APPROVED

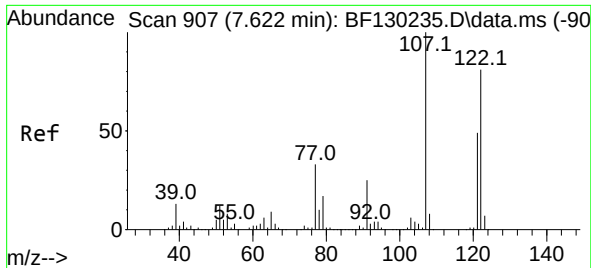
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#26
2-Nitrophenol
Concen: 53.146 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Tgt Ion:139 Resp: 148178
Ion Ratio Lower Upper
139 100
109 36.7 30.2 45.4
65 57.7 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 53.587 ng

RT: 7.616 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

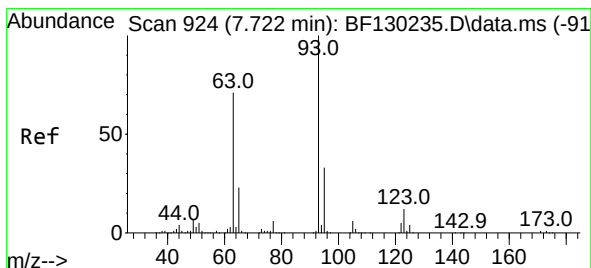
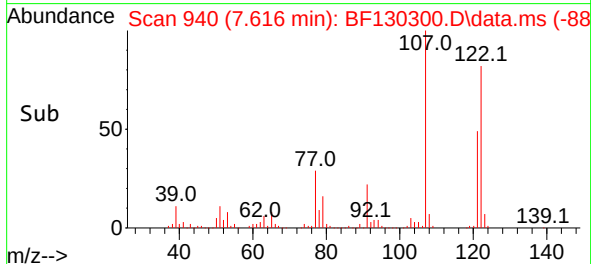
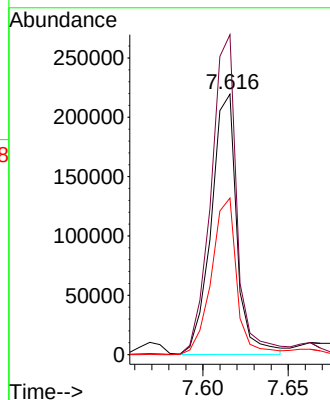
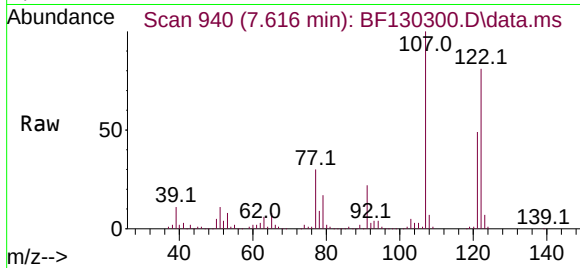
SP-4MSD

Tgt Ion:122 Resp: 230049
 Ion Ratio Lower Upper
 122 100
 107 122.9 100.2 150.2
 121 60.1 47.8 71.8

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 52.347 ng

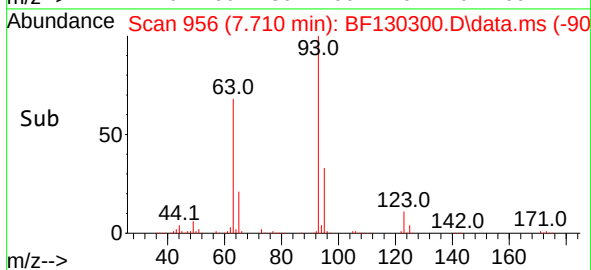
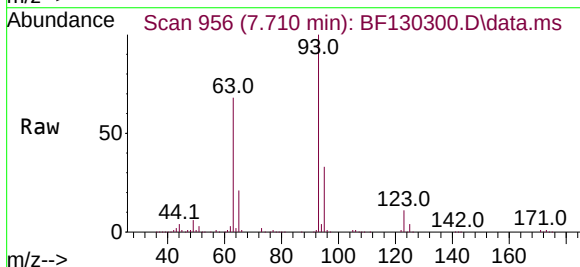
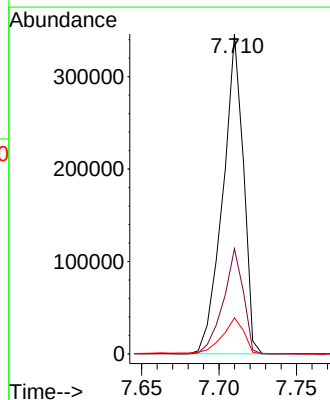
RT: 7.710 min Scan# 956

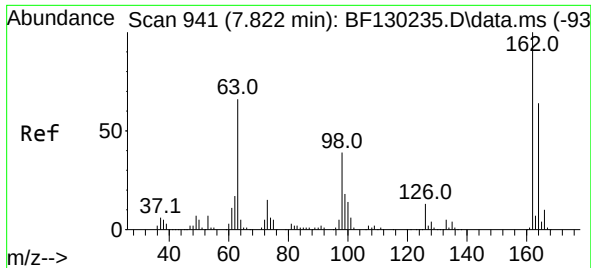
Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Tgt Ion: 93 Resp: 318223
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 48.679 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

Tgt Ion:162 Resp: 229008

Ion Ratio Lower Upper

162 100

164 64.0 42.2 82.2

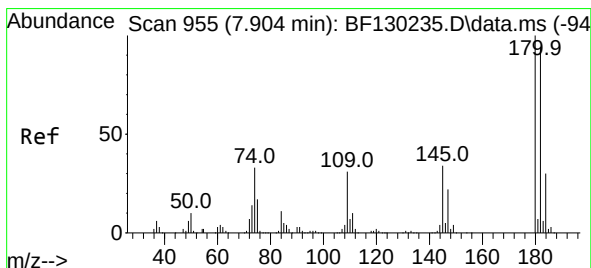
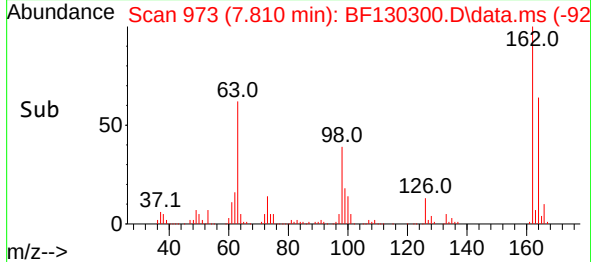
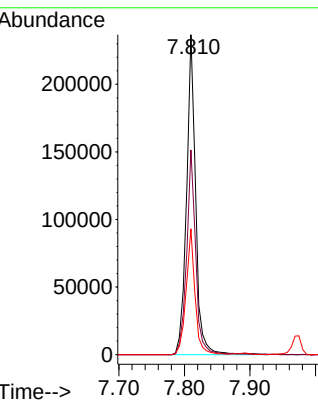
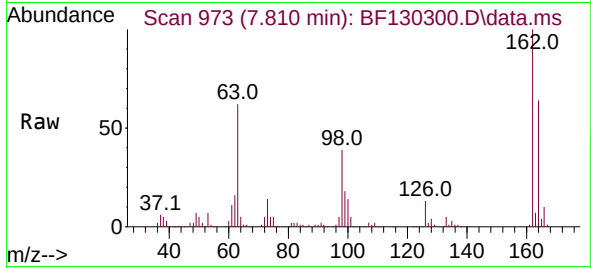
98 39.3 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.194 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

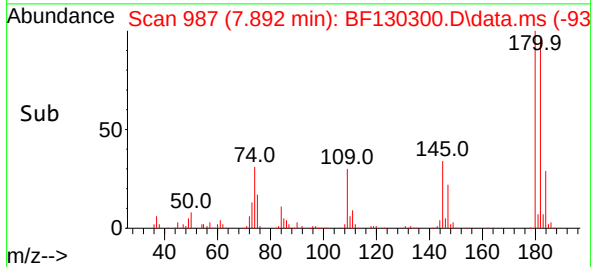
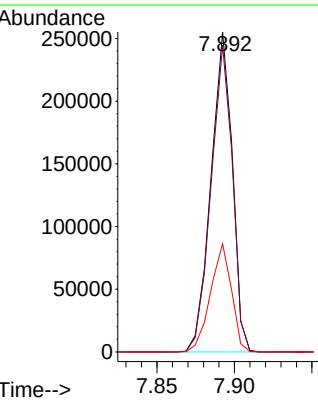
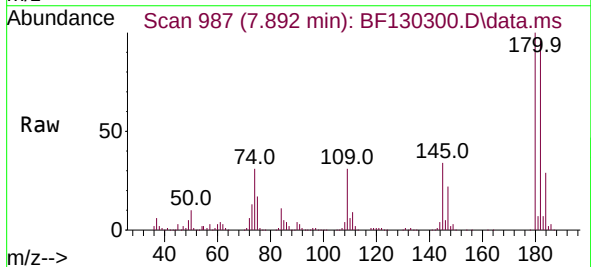
Tgt Ion:180 Resp: 245122

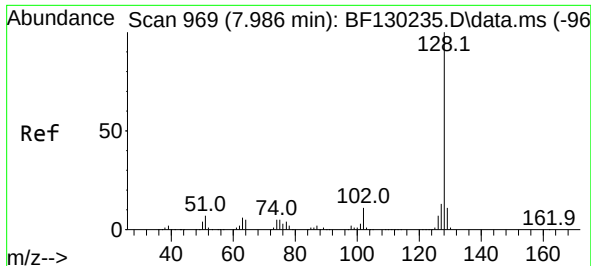
Ion Ratio Lower Upper

180 100

182 95.8 73.3 109.9

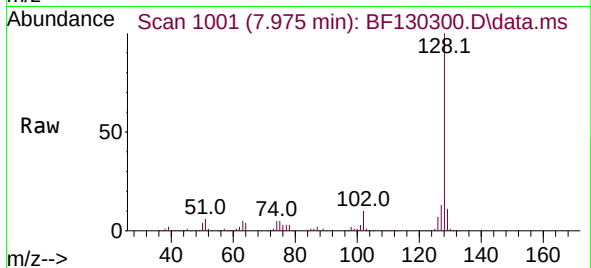
145 33.8 28.3 42.5





#31
Naphthalene
Concen: 46.656 ng
RT: 7.975 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

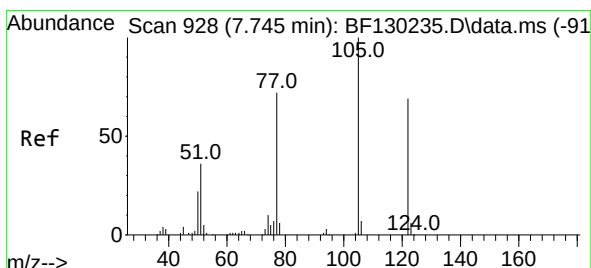
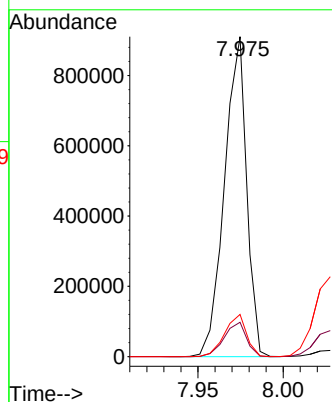
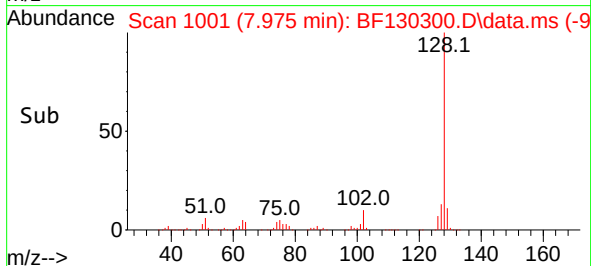
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion:128 Resp: 822550
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.2 10.6 16.0

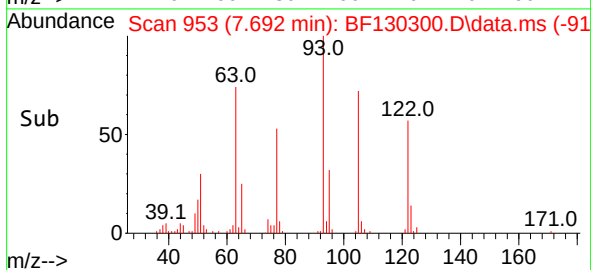
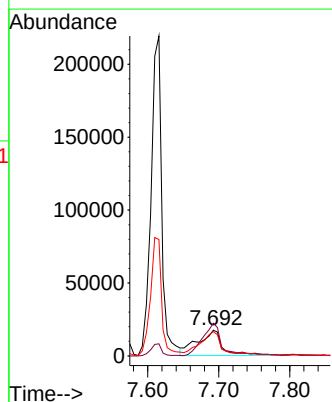
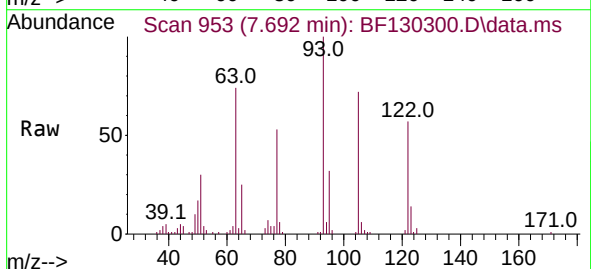
Manual Integrations
APPROVED

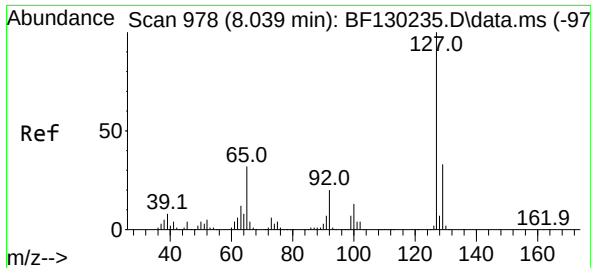
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#32
Benzoic acid
Concen: 12.771 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.047 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Tgt Ion:122 Resp: 42397
Ion Ratio Lower Upper
122 100
105 127.6 112.9 152.9
77 94.4 82.8 122.8





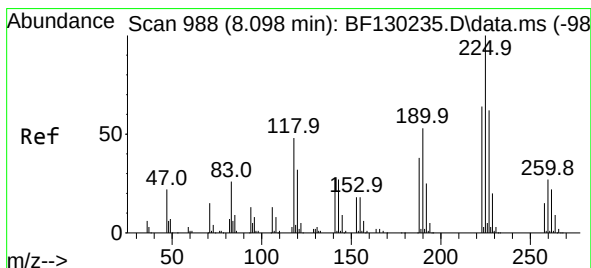
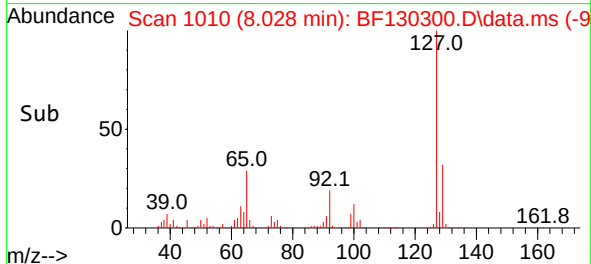
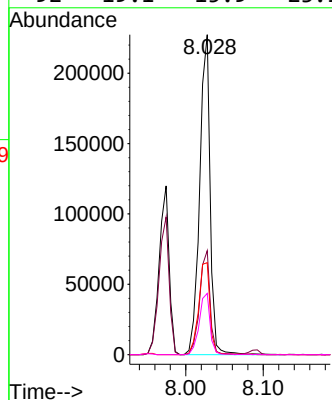
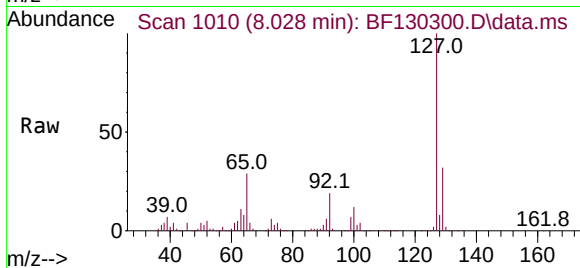
#33
4-Chloroaniline
Concen: 31.784 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SP-4MSD

Tgt Ion:	127	Resp:	213120
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.6	38.4
65	28.7	27.0	40.6
92	19.1	15.9	23.9

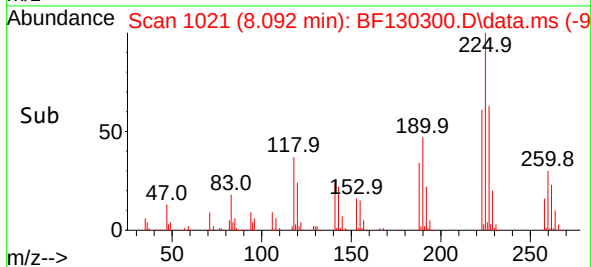
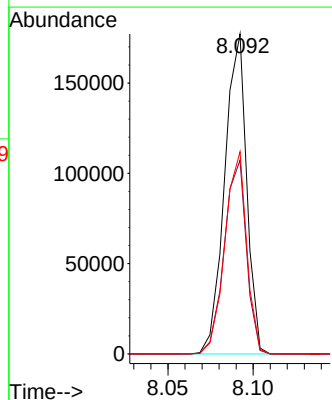
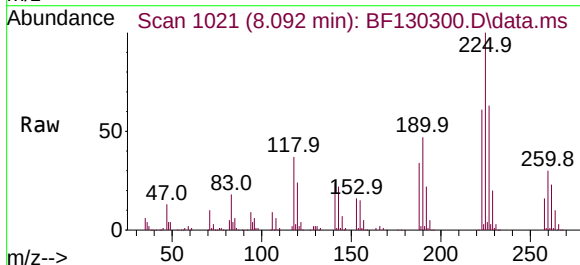
Manual Integrations
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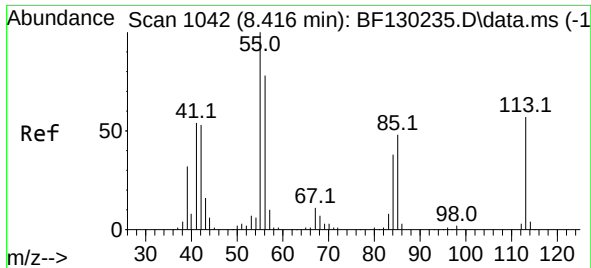
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#34
Hexachlorobutadiene
Concen: 48.831 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

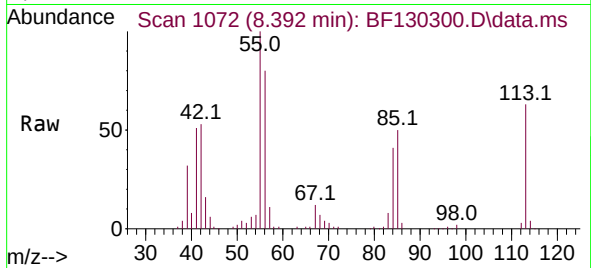
Tgt Ion:	225	Resp:	158728
Ion Ratio	Lower	Upper	
225	100		
223	60.5	50.3	75.5
227	63.2	51.1	76.7





#35
Caprolactam
Concen: 40.836 ng m
RT: 8.392 min Scan# 1072
Delta R.T. -0.012 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

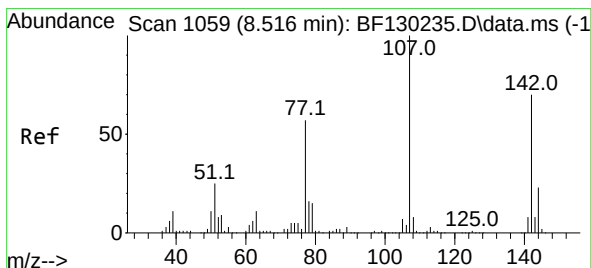
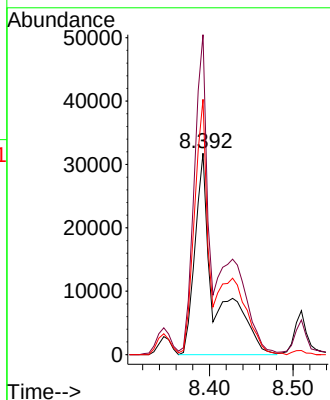
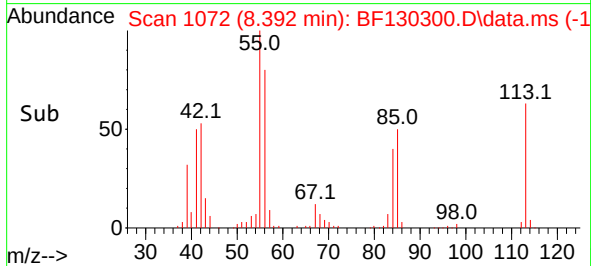
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



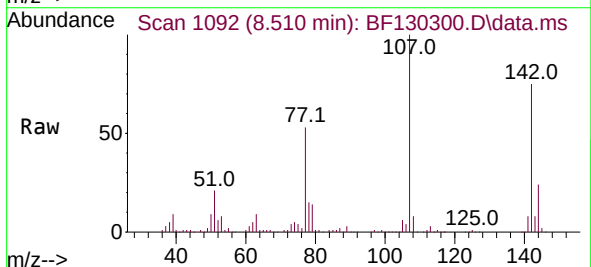
Tgt Ion:113 Resp: 55073
Ion Ratio Lower Upper
113 100
55 158.9 155.4 195.4
56 126.8 120.4 160.4

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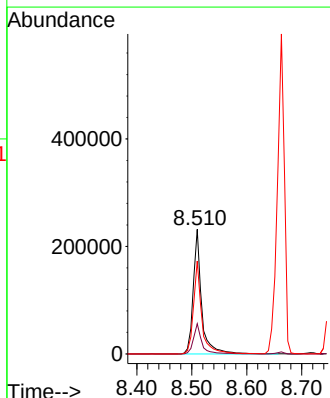
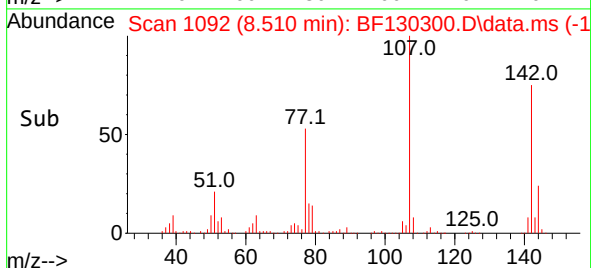
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

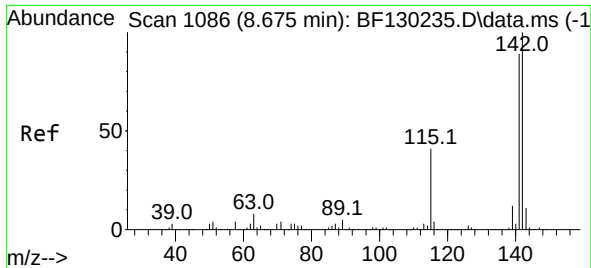


#36
4-Chloro-3-methylphenol
Concen: 47.218 ng
RT: 8.510 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion:107 Resp: 246218
Ion Ratio Lower Upper
107 100
144 24.2 20.0 30.0
142 74.5 61.3 91.9





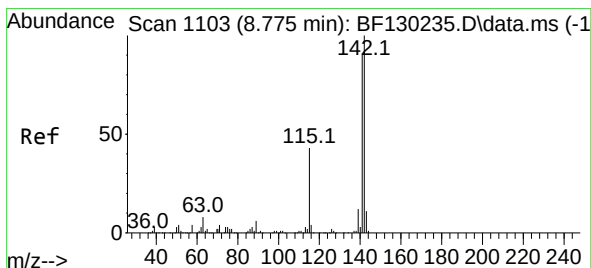
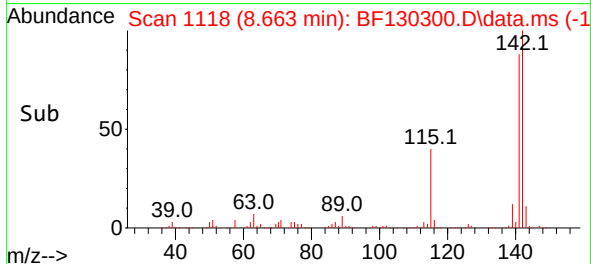
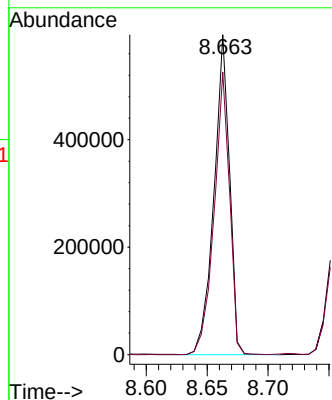
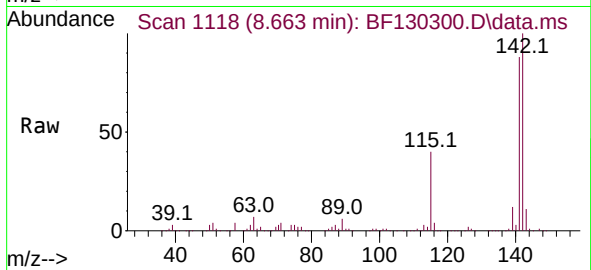
#37
2-Methylnaphthalene
Concen: 47.096 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SP-4MSD

Tgt Ion:142 Resp: 529388
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0

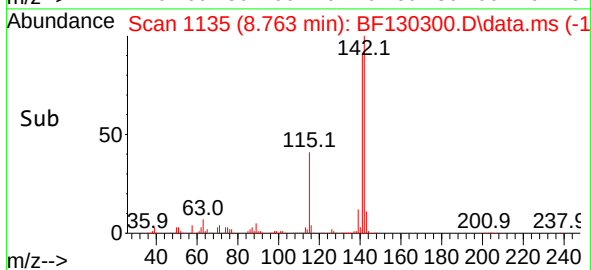
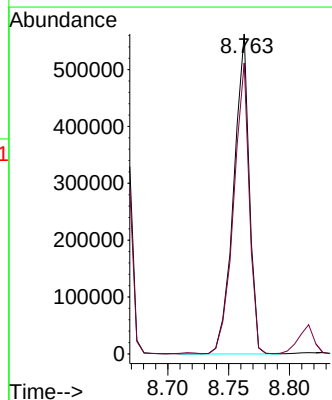
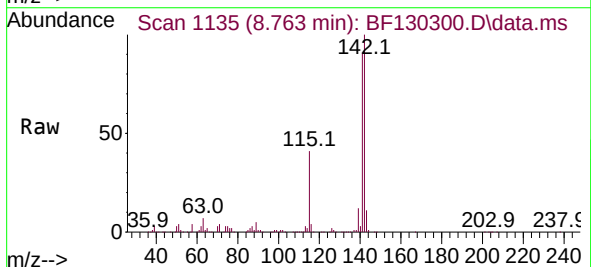
Manual Integrations
APPROVED

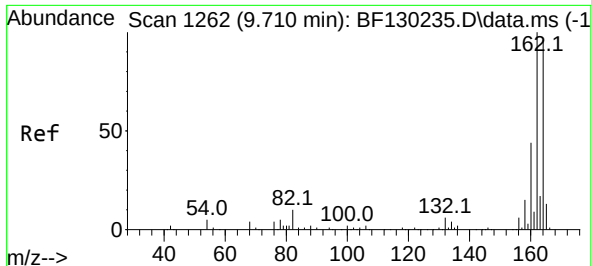
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#38
1-Methylnaphthalene
Concen: 46.466 ng
RT: 8.763 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Tgt Ion:142 Resp: 501756
Ion Ratio Lower Upper
142 100
141 90.9 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.704 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF130300.D

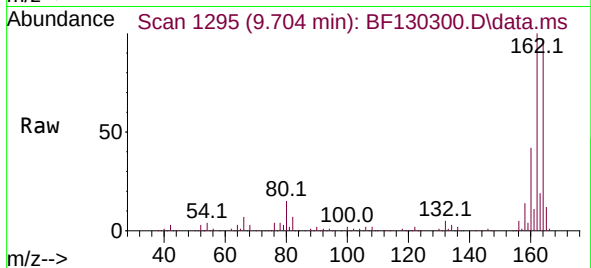
Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD



Tgt Ion:164 Resp: 169476

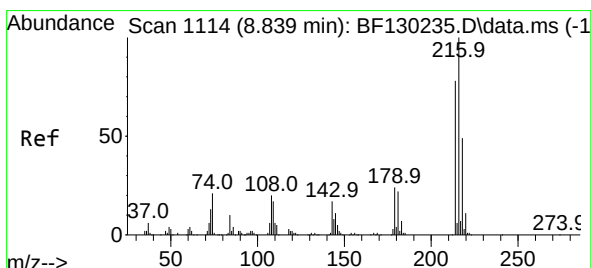
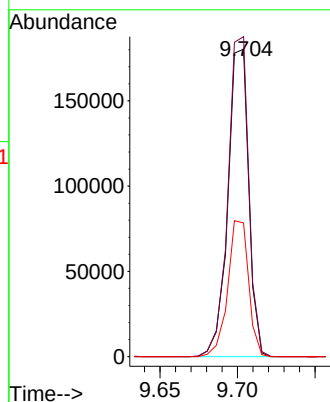
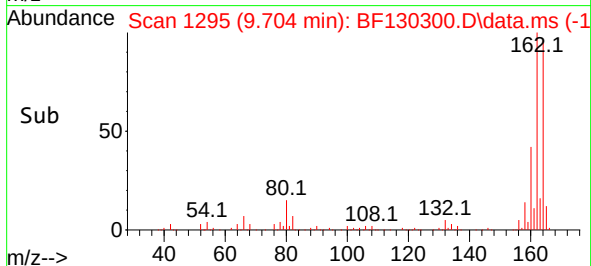
Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.0
160	43.5	36.2	54.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.285 ng

RT: 8.828 min Scan# 1146

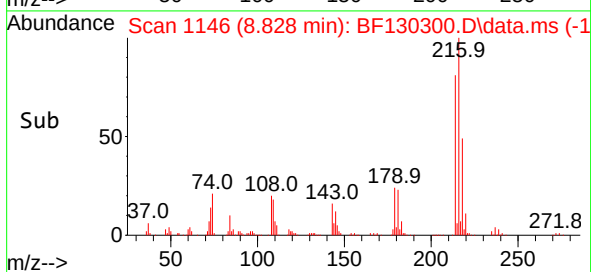
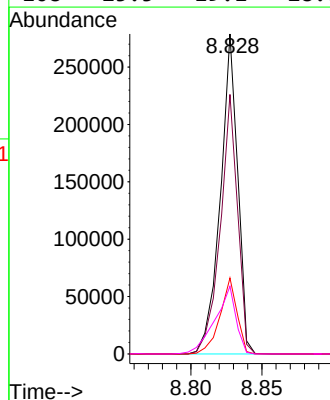
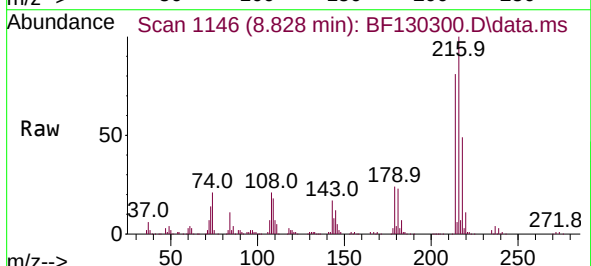
Delta R.T. 0.000 min

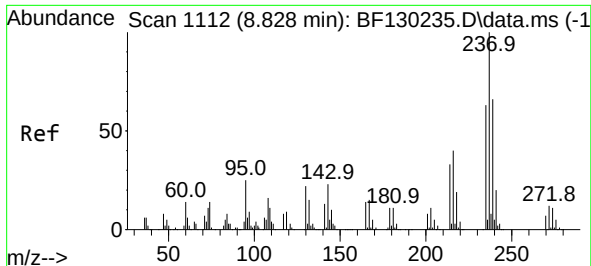
Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Tgt Ion:216 Resp: 237197

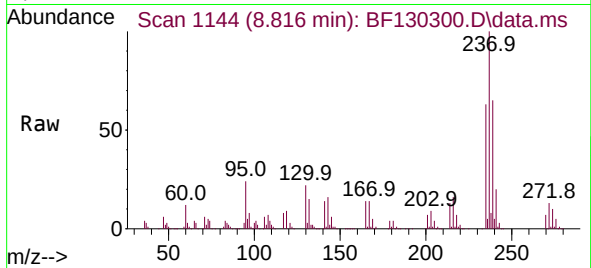
Ion	Ratio	Lower	Upper
216	100		
214	80.4	62.8	94.2
179	23.4	19.5	29.3
108	25.5	19.1	28.7





#41
Hexachlorocyclopentadiene
Concen: 129.374 ng
RT: 8.816 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

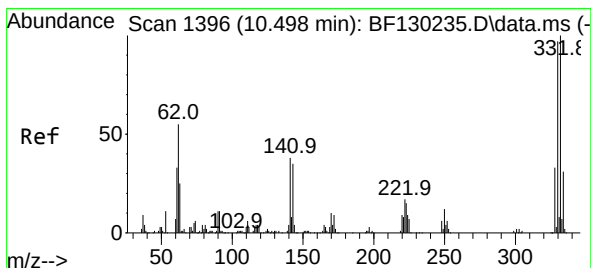
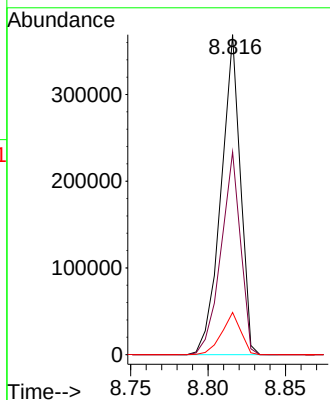
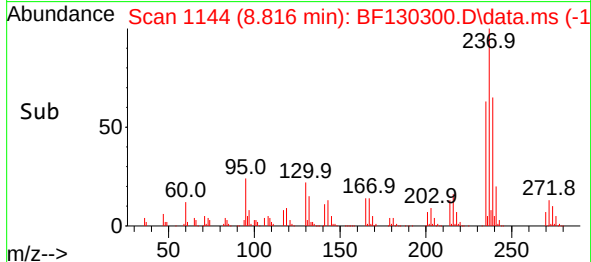
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



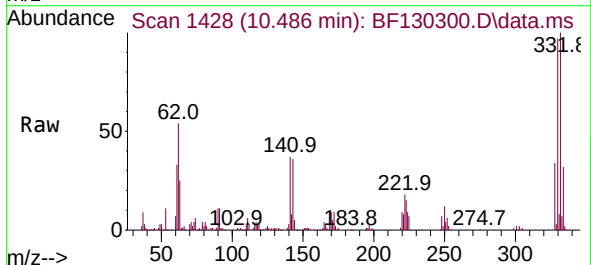
Tgt Ion:237 Resp: 320360
Ion Ratio Lower Upper
237 100
235 63.3 42.5 82.5
272 13.2 0.0 32.8

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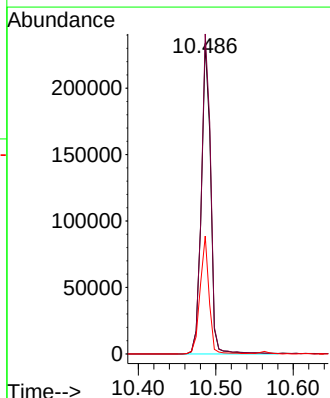
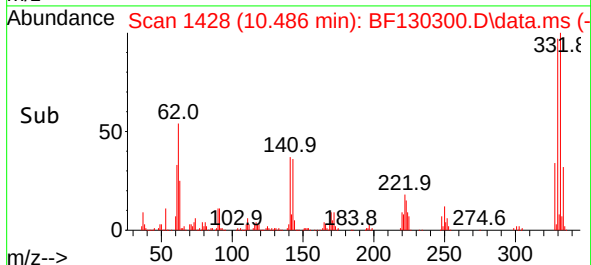
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

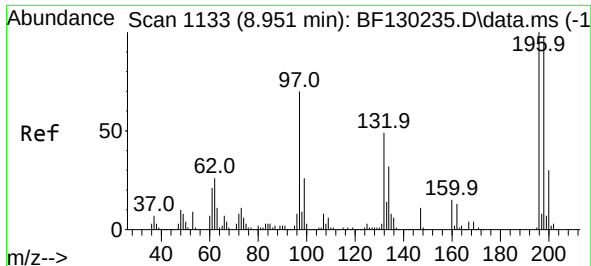


#42
2,4,6-Tribromophenol
Concen: 119.790 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion:330 Resp: 194528
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 36.6 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 47.213 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

Tgt Ion:196 Resp: 152398

Ion Ratio Lower Upper

196 100

198 93.4 72.4 108.6

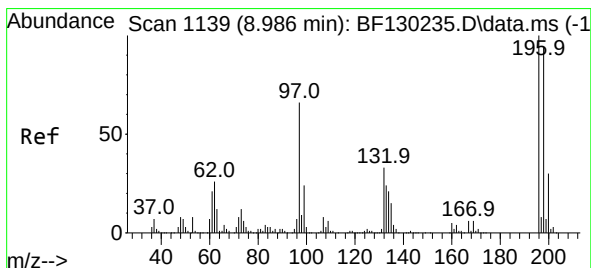
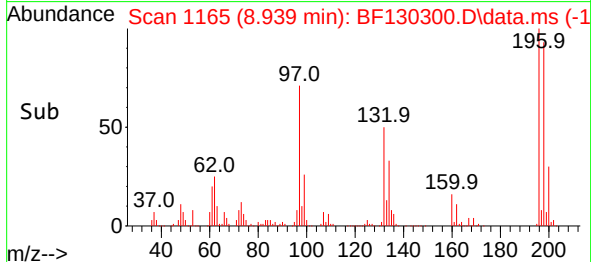
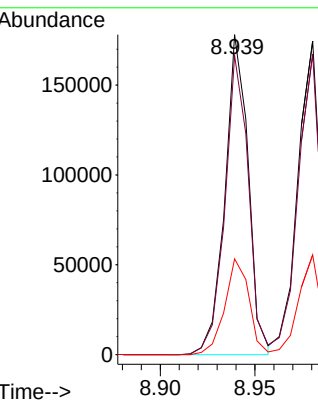
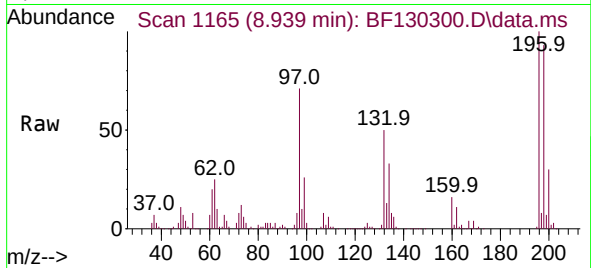
200 29.9 23.8 35.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#44

2,4,5-Trichlorophenol

Concen: 46.680 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Tgt Ion:196 Resp: 162597

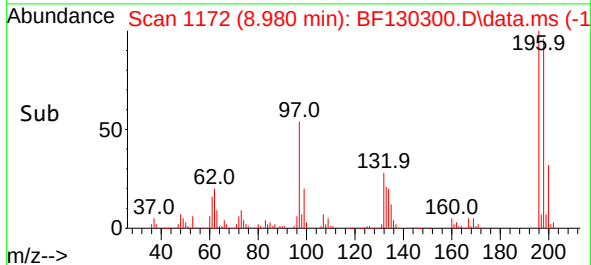
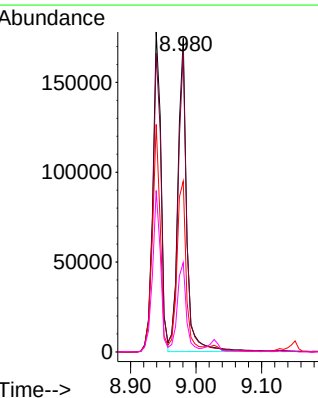
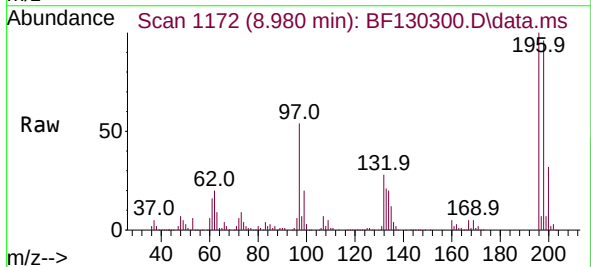
Ion Ratio Lower Upper

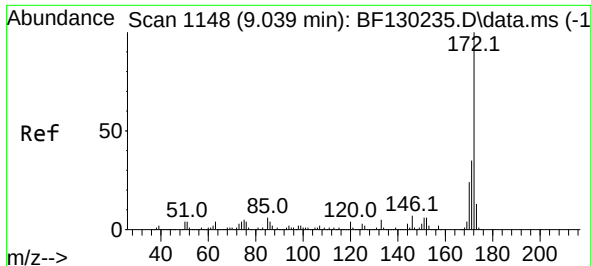
196 100

198 95.8 74.8 112.2

97 54.4 43.7 65.5

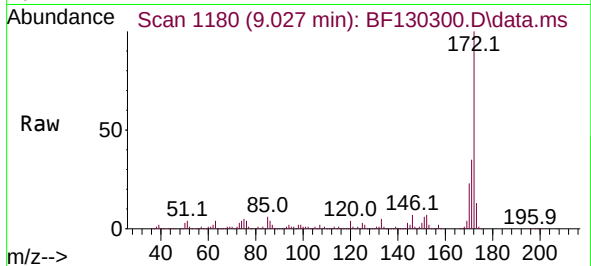
132 28.4 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 85.873 ng
RT: 9.027 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

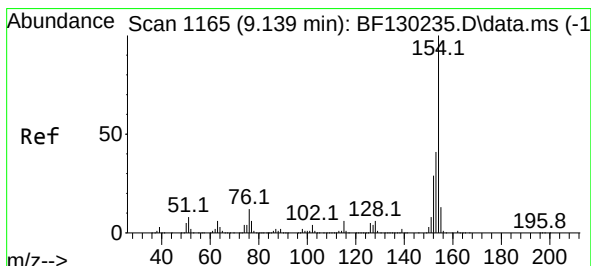
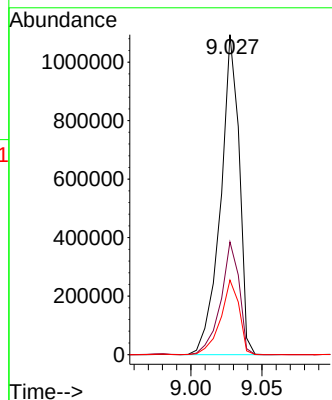
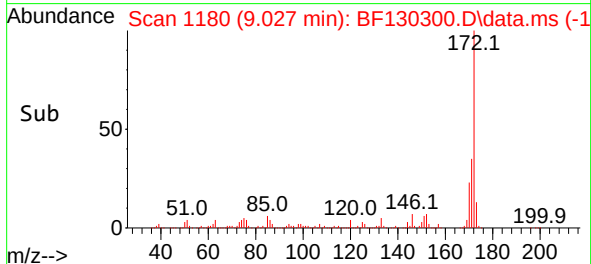
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion:172 Resp: 999421
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.7 28.1

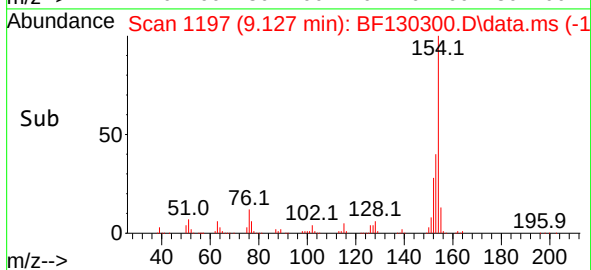
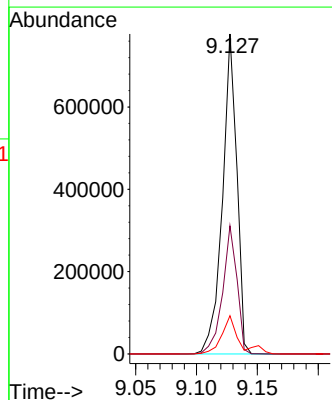
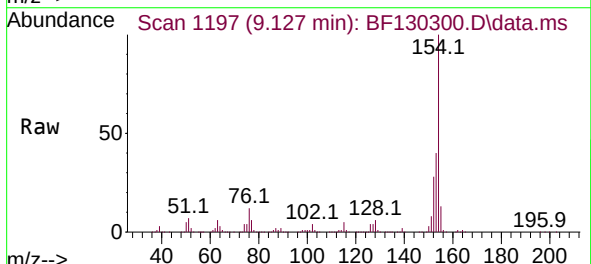
Manual Integrations
APPROVED

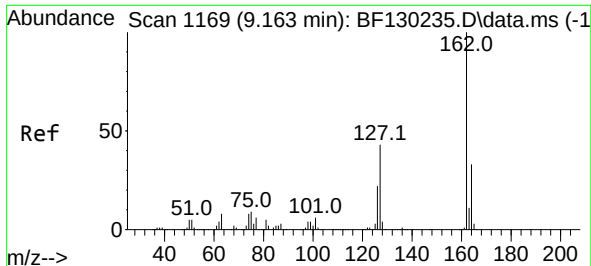
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#46
1,1'-Biphenyl
Concen: 50.347 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Tgt Ion:154 Resp: 637259
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 11.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 47.732 ng

RT: 9.151 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

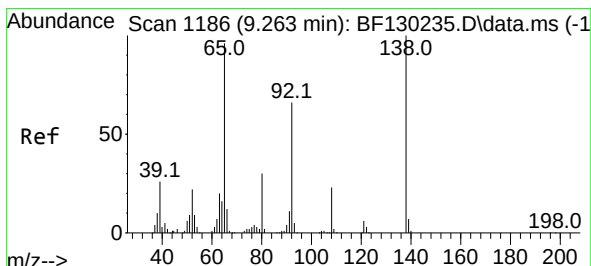
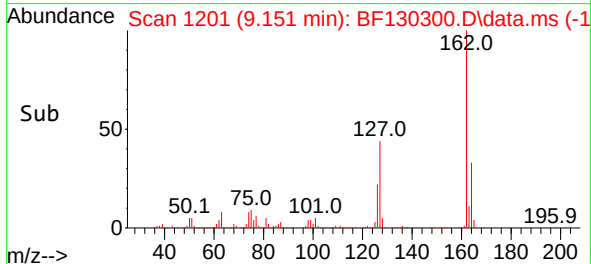
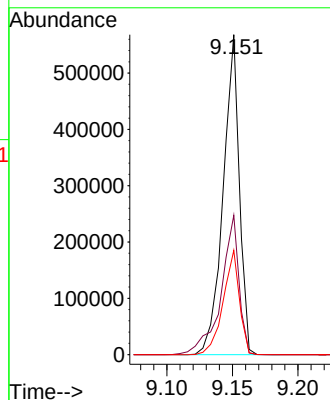
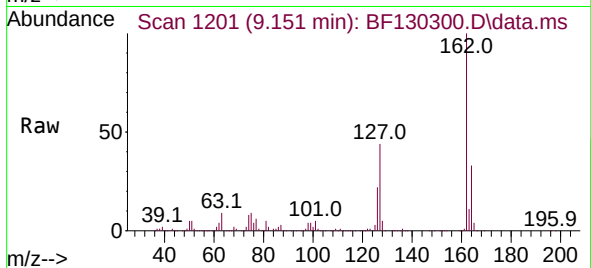
SP-4MSD

Tgt Ion:162 Resp: 488720
 Ion Ratio Lower Upper
 162 100
 127 43.5 35.9 53.9
 164 32.6 26.2 39.2

Manual Integrations

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



#48

2-Nitroaniline

Concen: 43.393 ng

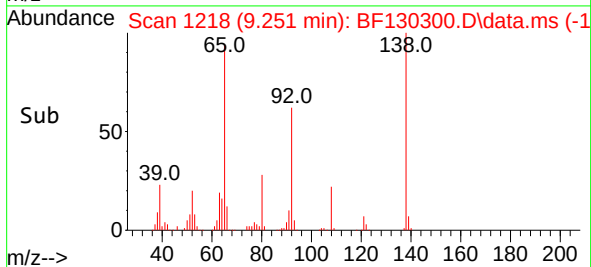
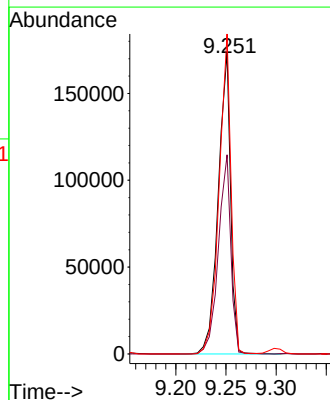
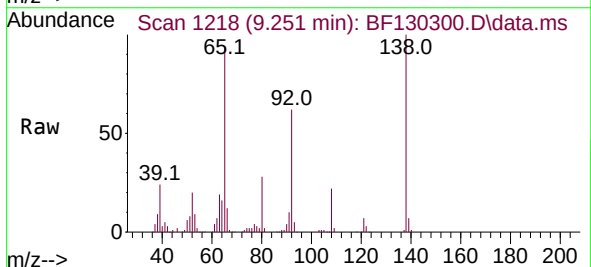
RT: 9.251 min Scan# 1218

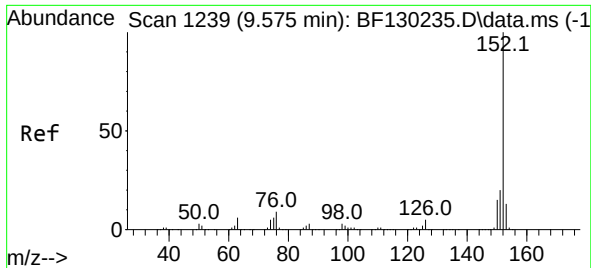
Delta R.T. 0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

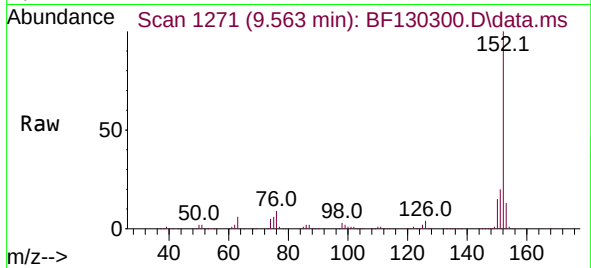
Tgt Ion: 65 Resp: 148186
 Ion Ratio Lower Upper
 65 100
 92 66.1 52.2 78.4
 138 106.2 77.0 115.4





#49
Acenaphthylene
Concen: 47.555 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

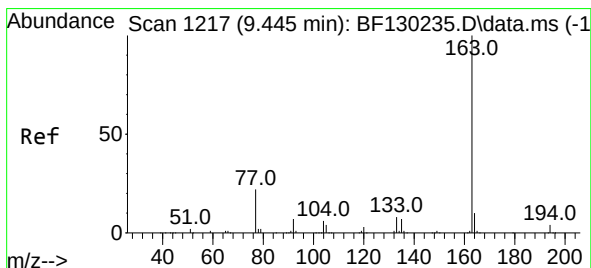
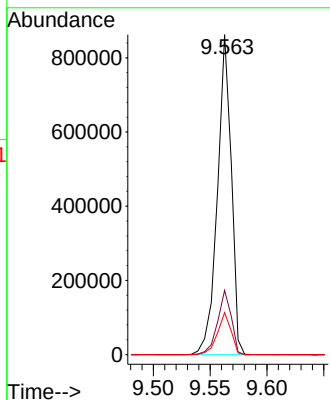
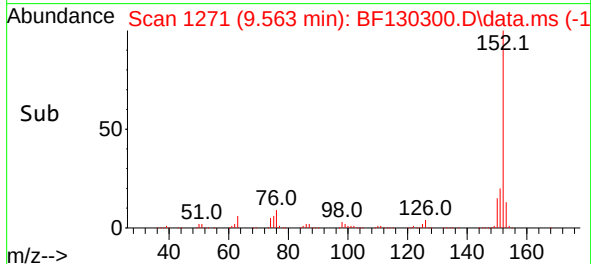
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



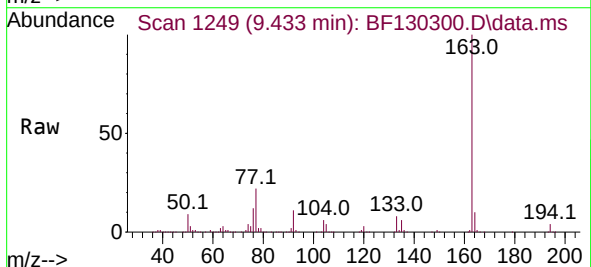
Tgt Ion:152 Resp: 730048
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.6 15.8

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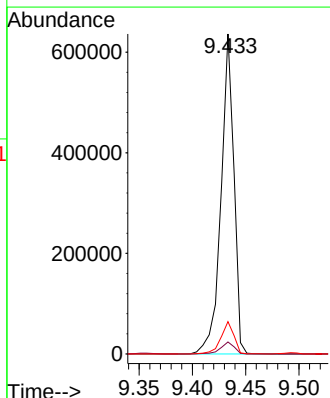
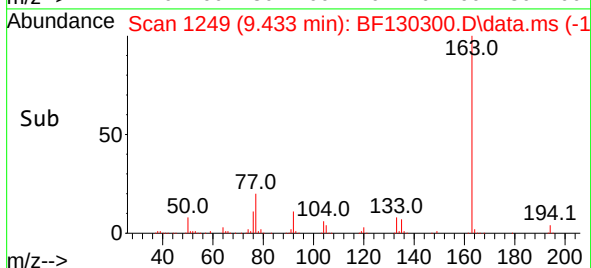
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

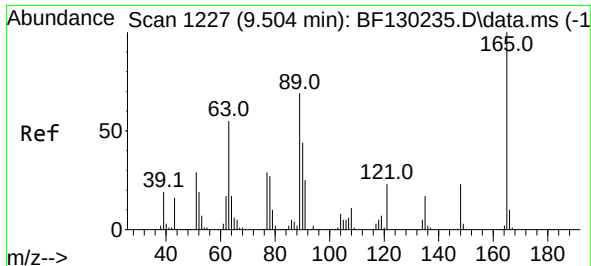


#50
Dimethylphthalate
Concen: 45.756 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion:163 Resp: 535656
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.759 ng

RT: 9.492 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

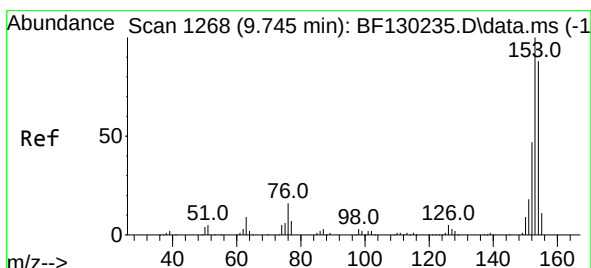
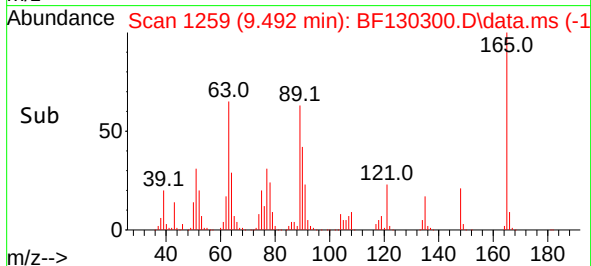
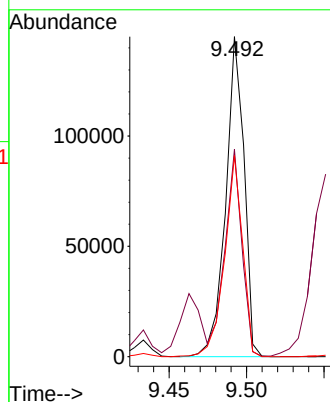
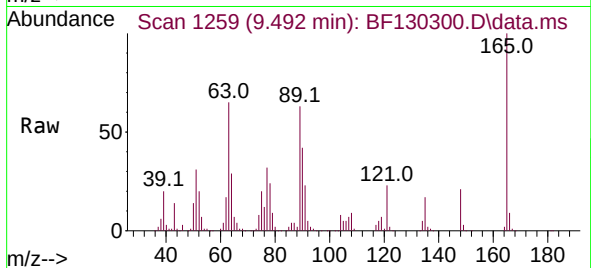
Tgt Ion:	165	Resp:	11937
Ion Ratio	Lower	Upper	
165	100		
63	64.8	58.8	88.2
89	62.8	54.5	81.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#52

Acenaphthene

Concen: 46.906 ng m

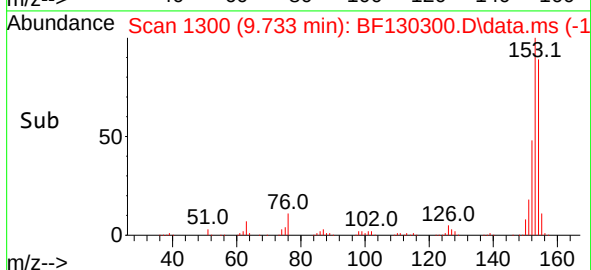
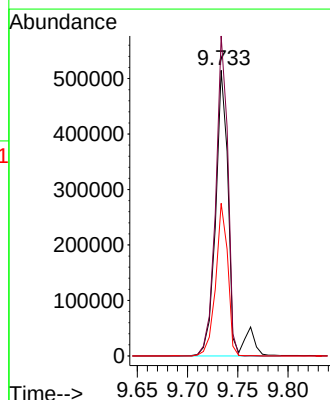
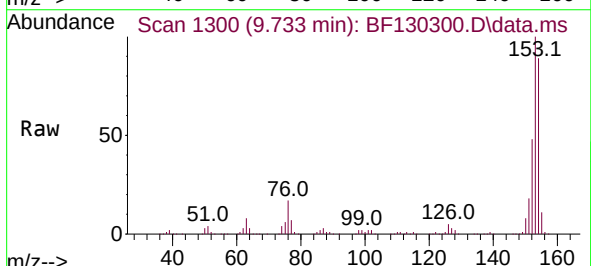
RT: 9.733 min Scan# 1300

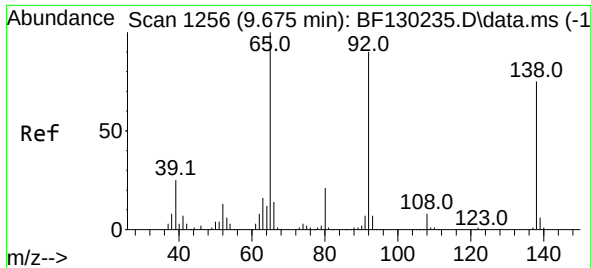
Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Tgt Ion:	154	Resp:	473120
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.6	136.0
152	53.4	43.8	65.6





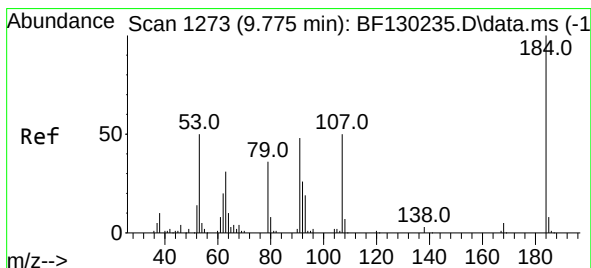
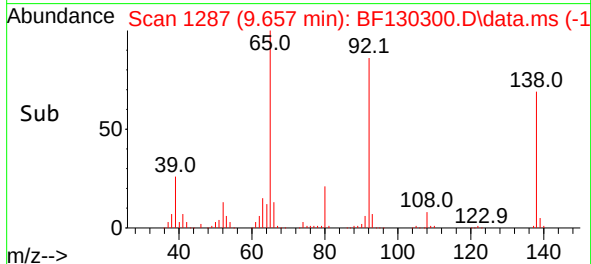
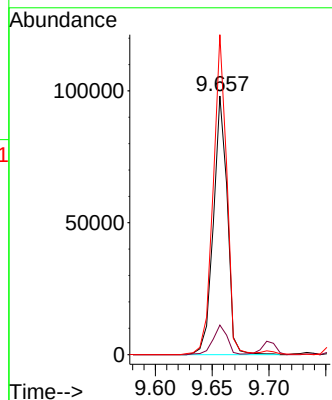
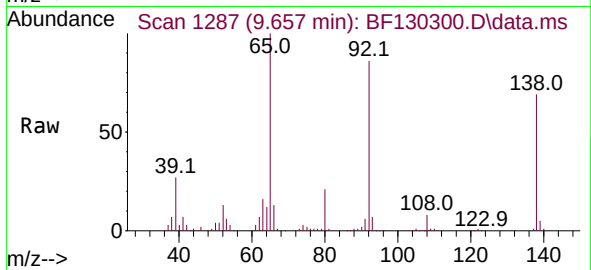
#53
3-Nitroaniline
Concen: 30.558 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SP-4MSD

Tgt Ion:138 Resp: 83366
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 123.7 99.2 148.8

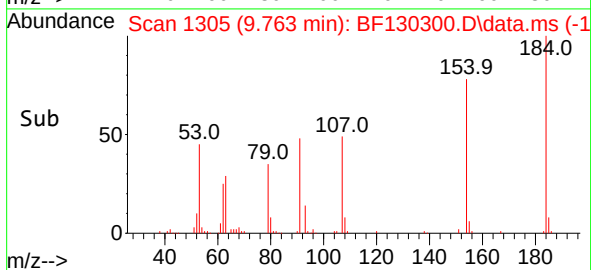
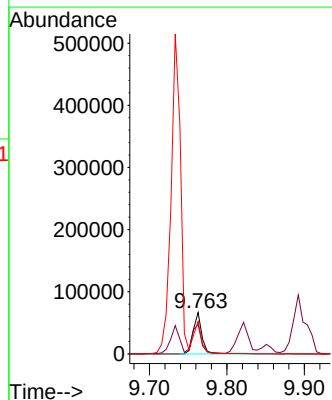
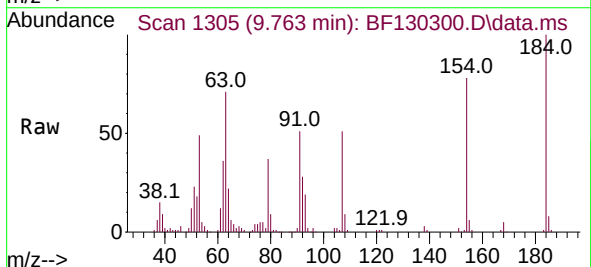
Manual Integrations
APPROVED

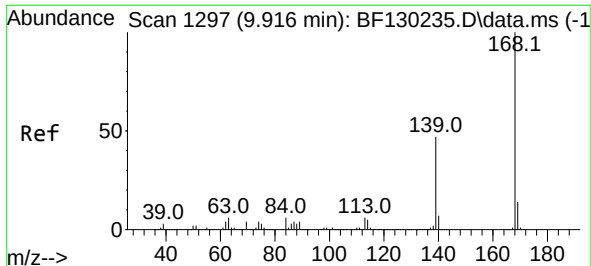
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#54
2,4-Dinitrophenol
Concen: 42.579 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

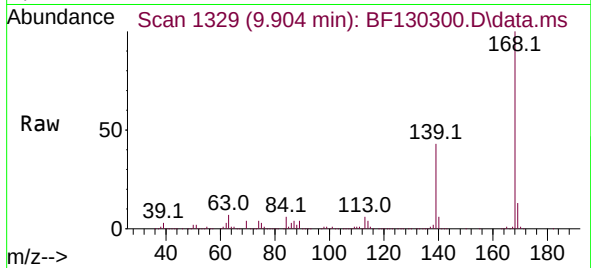
Tgt Ion:184 Resp: 52335
Ion Ratio Lower Upper
184 100
63 71.5 70.0 105.0
154 78.4 63.0 94.6





#55
Dibenzenofuran
Concen: 46.711 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

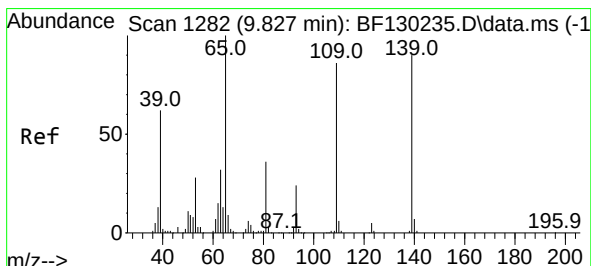
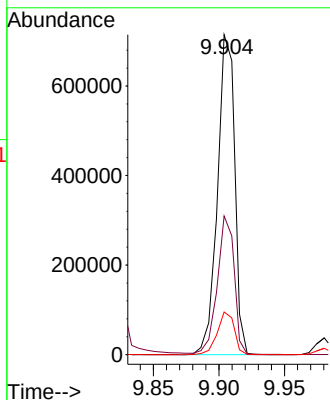
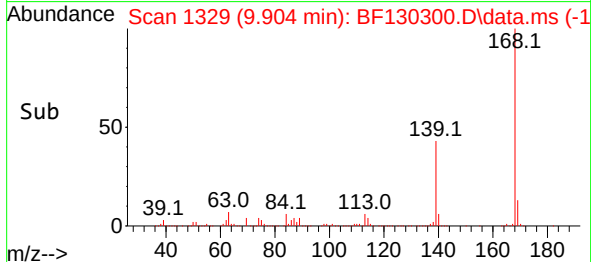
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion:168 Resp: 655343
Ion Ratio Lower Upper
168 100
139 43.3 35.0 52.4
169 13.3 10.9 16.3

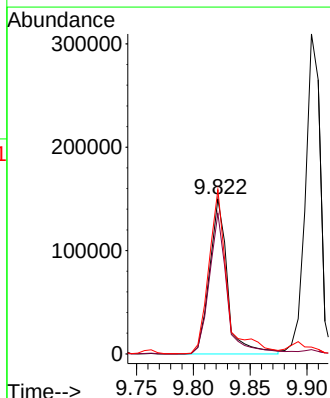
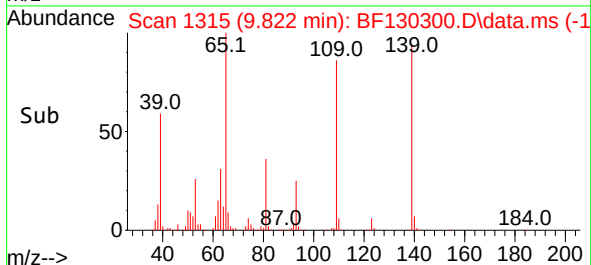
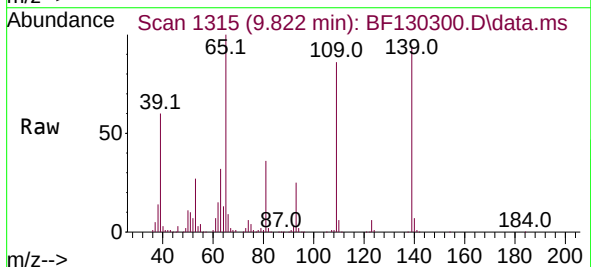
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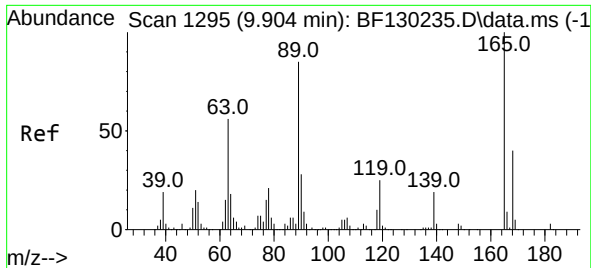
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#56
4-Nitrophenol
Concen: 82.817 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

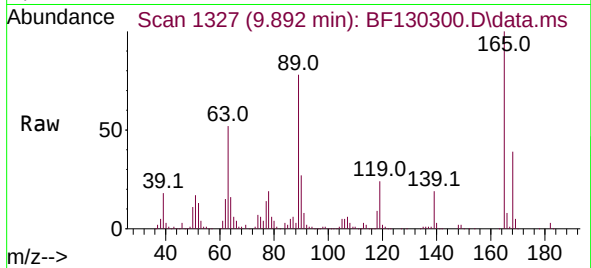
Tgt Ion:139 Resp: 164560
Ion Ratio Lower Upper
139 100
109 90.7 72.2 112.2
65 106.0 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 46.655 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

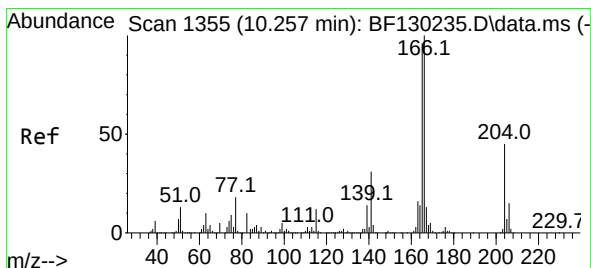
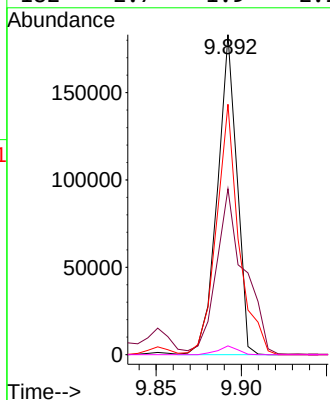
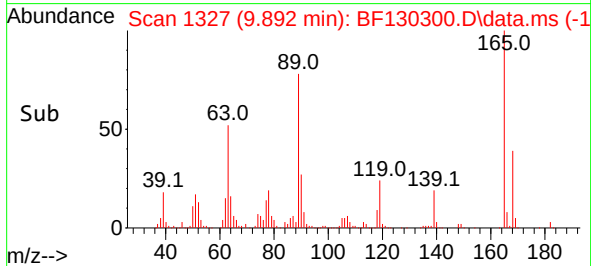
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



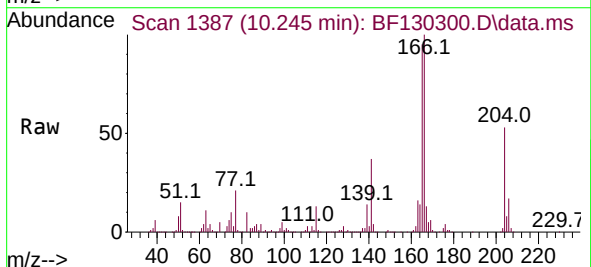
Tgt Ion:165 Resp: 145984
Ion Ratio Lower Upper
165 100
63 51.8 44.7 67.1
89 78.2 69.0 103.4
182 2.7 1.9 2.9

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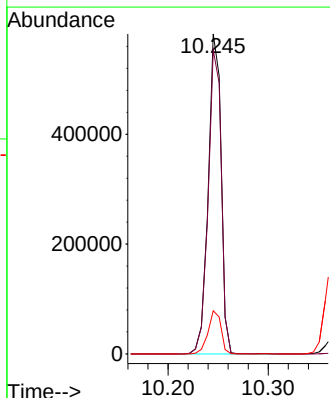
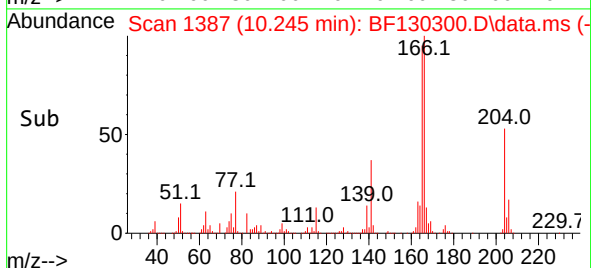
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

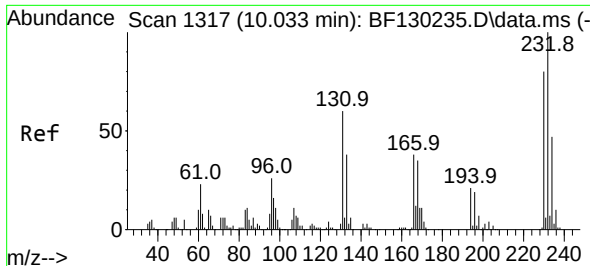


#58
Fluorene
Concen: 45.118 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



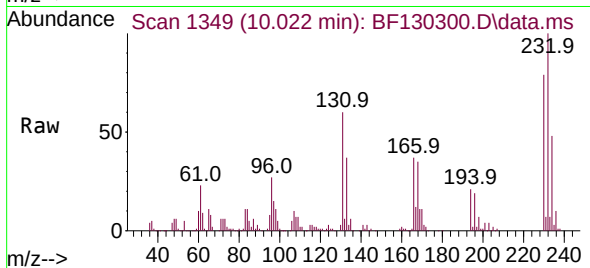
Tgt Ion:166 Resp: 517674
Ion Ratio Lower Upper
166 100
165 94.9 78.8 118.2
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.008 ng
RT: 10.022 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

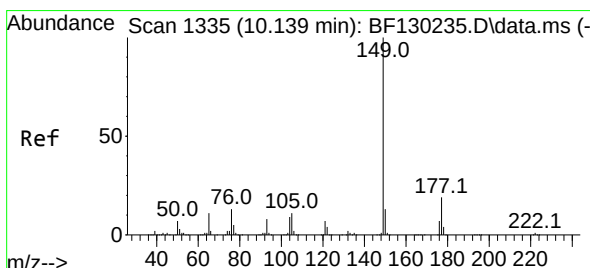
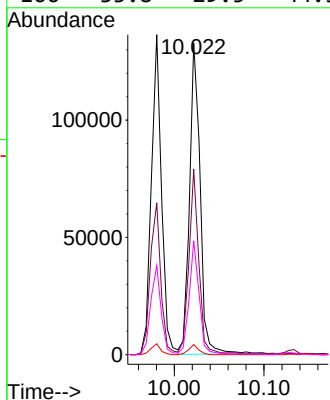
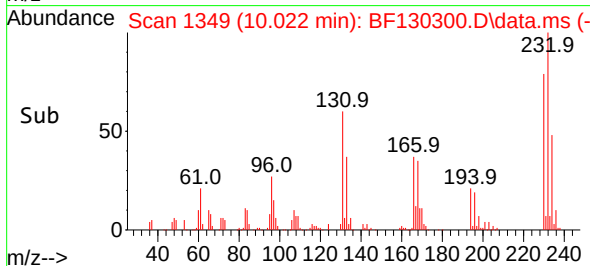
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion:232 Resp: 109076
Ion Ratio Lower Upper
232 100
131 56.1 46.4 69.6
130 3.0 2.3 3.5
166 33.8 29.5 44.3

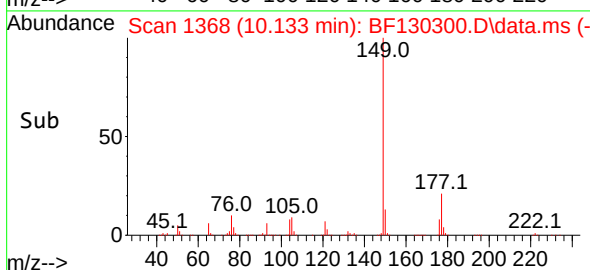
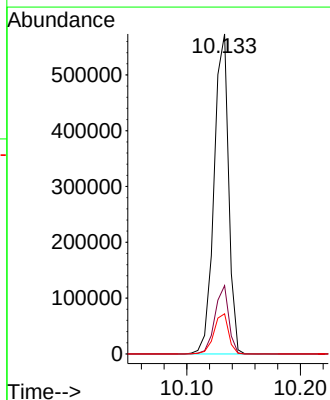
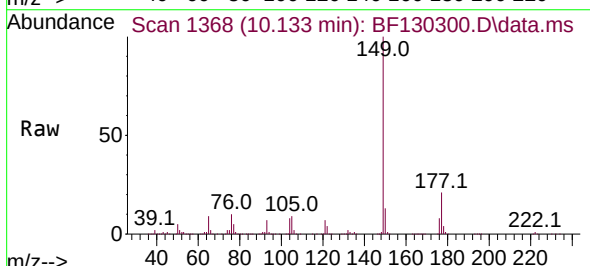
Manual Integrations
APPROVED

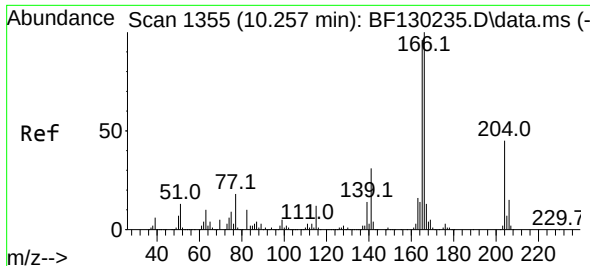
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#60
Diethylphthalate
Concen: 43.380 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

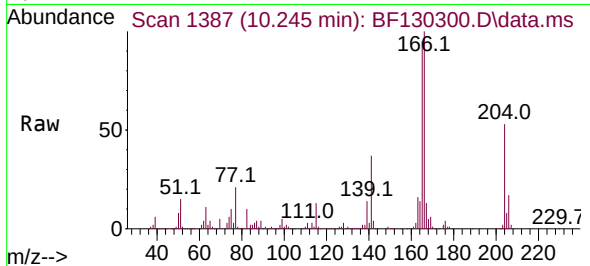
Tgt Ion:149 Resp: 509262
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.230 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

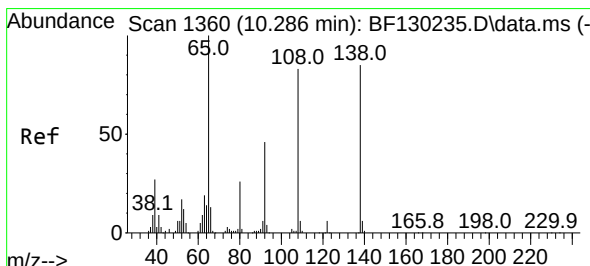
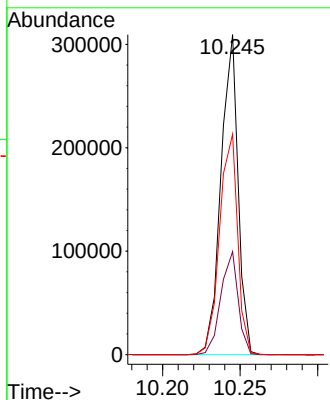
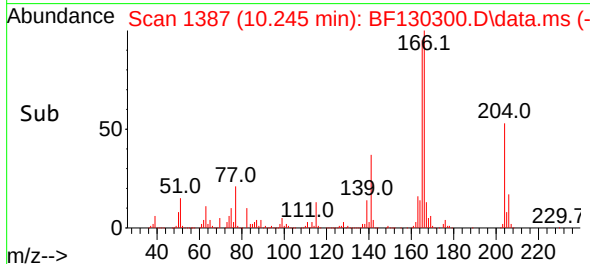
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



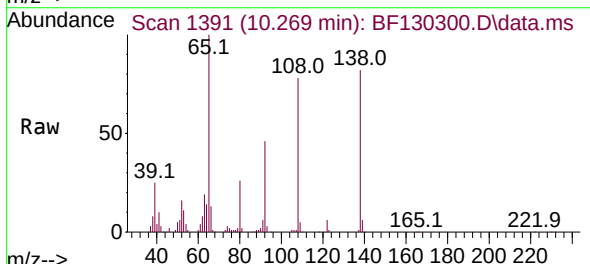
Tgt Ion:204 Resp: 237724
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 68.9 57.1 85.7

Manual Integrations
APPROVED

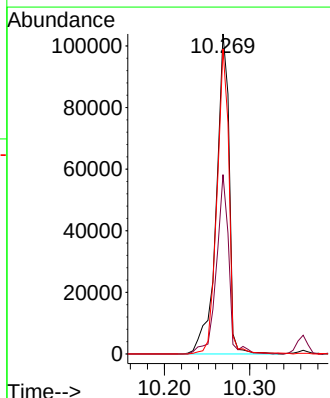
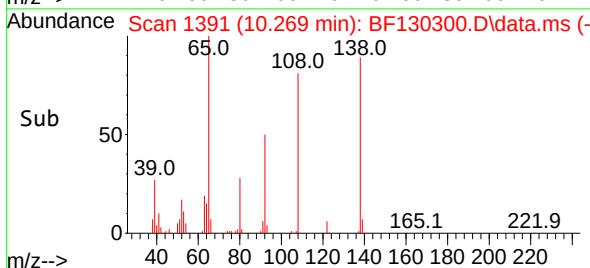
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

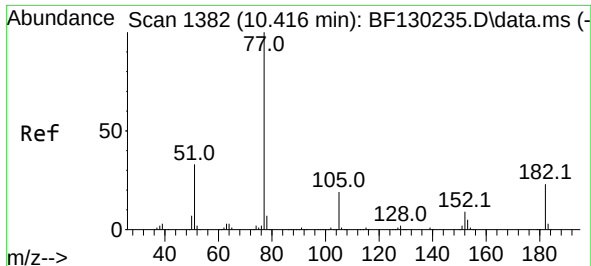


#62
4-Nitroaniline
Concen: 39.980 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



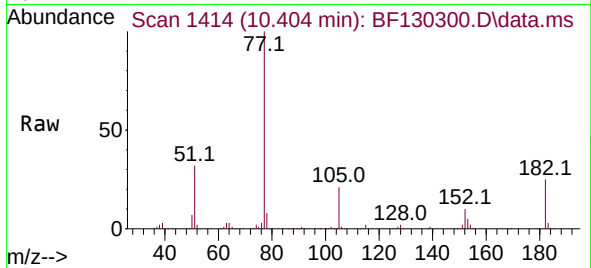
Tgt Ion:138 Resp: 109570
Ion Ratio Lower Upper
138 100
92 56.0 36.7 76.7
108 95.3 78.2 118.2





#63
Azobenzene
Concen: 40.434 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

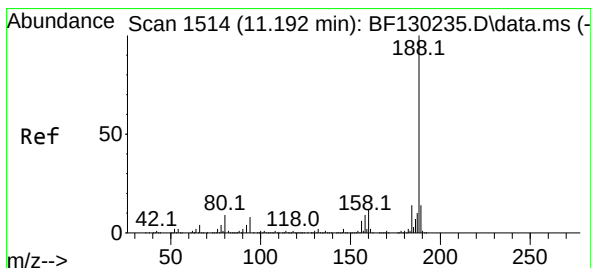
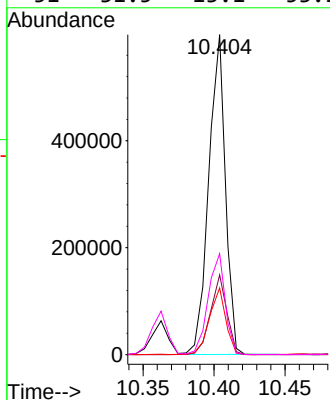
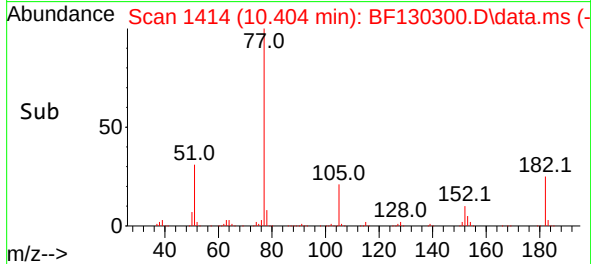
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



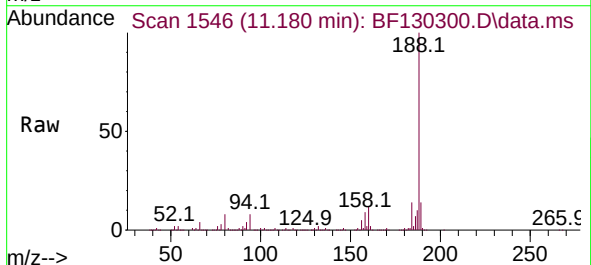
Tgt Ion: 77 Resp: 488775
Ion Ratio Lower Upper
77 100
182 24.9 2.1 42.1
105 20.8 0.0 39.4
51 31.5 13.1 53.1

Manual Integrations
APPROVED

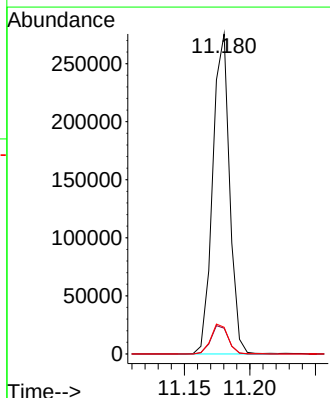
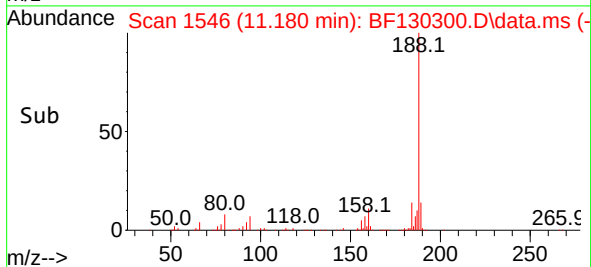
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

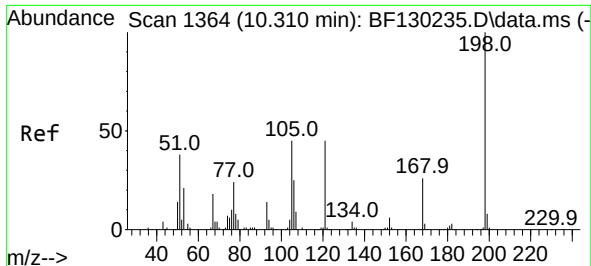


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



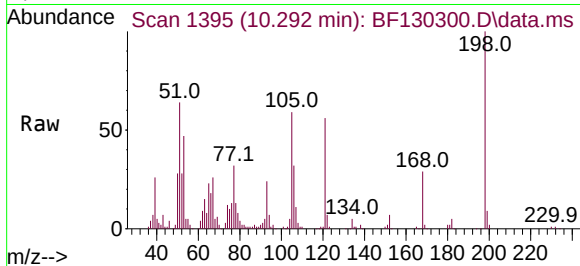
Tgt Ion:188 Resp: 247553
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.3 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 33.064 ng
RT: 10.292 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

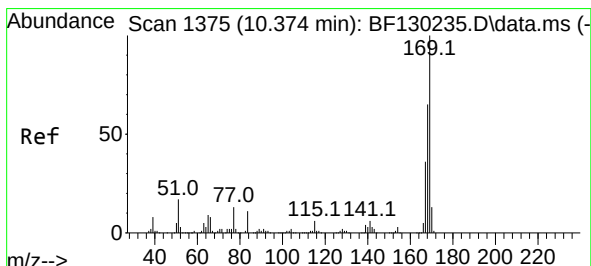
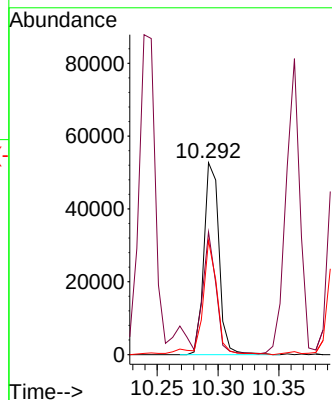
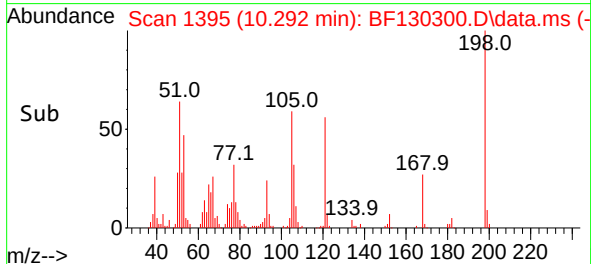
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



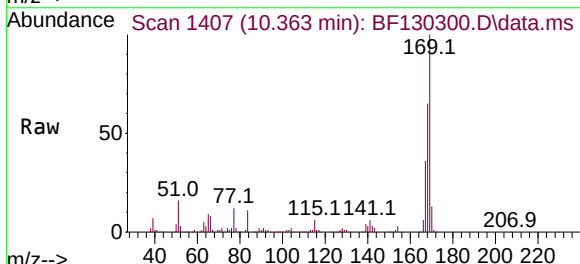
Tgt Ion:198 Resp: 45564
Ion Ratio Lower Upper
198 100
51 63.9 36.9 76.9
105 59.5 33.0 73.0

Manual Integrations
APPROVED

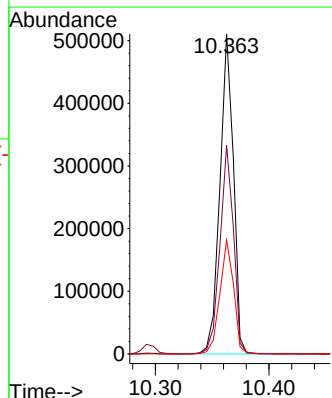
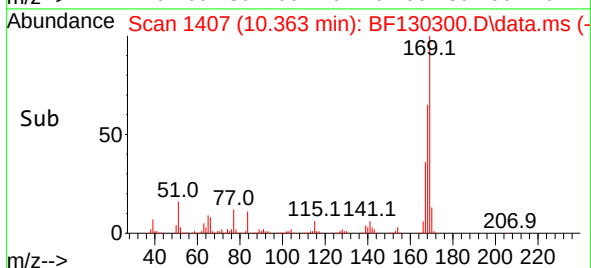
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

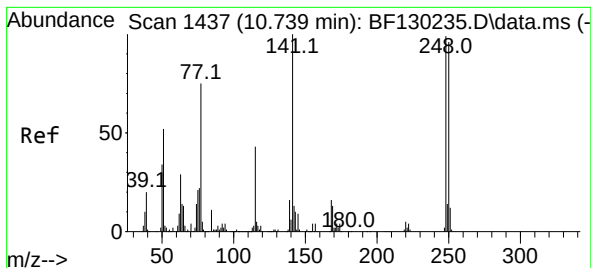


#66
n-Nitrosodiphenylamine
Concen: 50.839 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



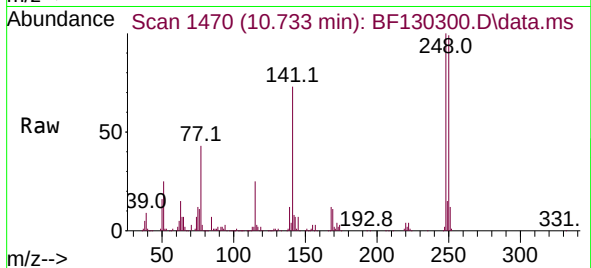
Tgt Ion:169 Resp: 420562
Ion Ratio Lower Upper
169 100
168 65.2 53.2 79.8
167 35.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 52.069 ng
RT: 10.733 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

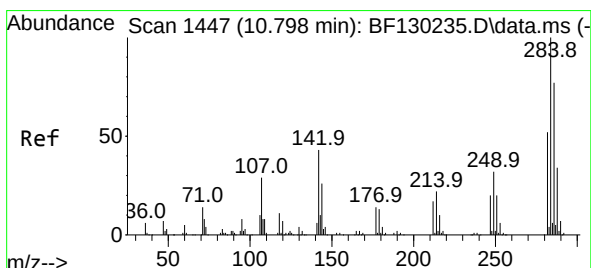
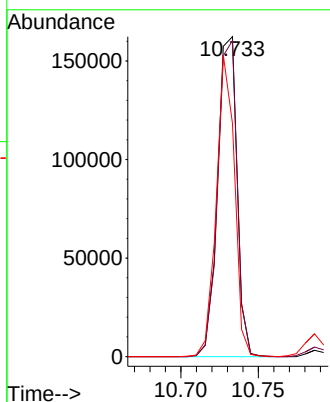
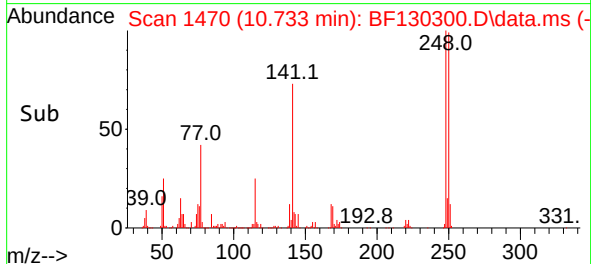
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



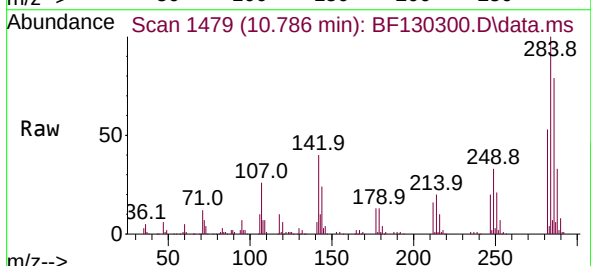
Tgt Ion:248 Resp: 142194
Ion Ratio Lower Upper
248 100
250 98.7 80.0 120.0
141 72.9 68.5 102.7

Manual Integrations
APPROVED

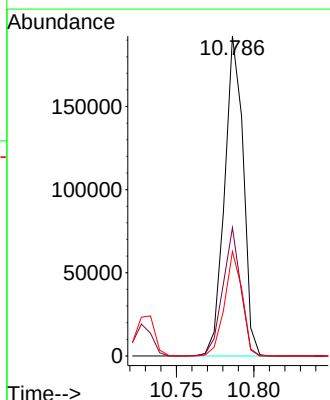
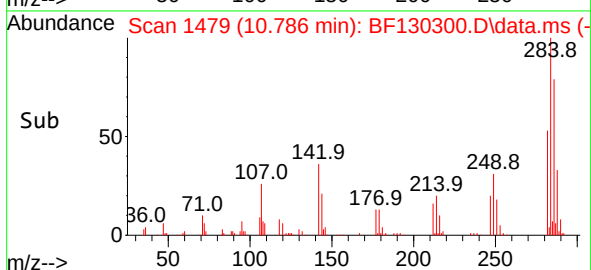
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

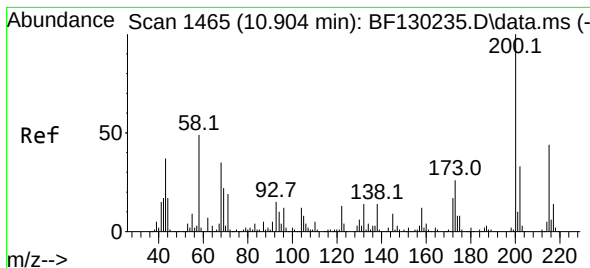


#68
Hexachlorobenzene
Concen: 52.021 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion:284 Resp: 161040
Ion Ratio Lower Upper
284 100
142 40.1 27.2 40.8
249 32.6 23.8 35.8





#69

Atrazine

Concen: 50.478 ng

RT: 10.892 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

Tgt Ion:200 Resp: 122032

Ion Ratio Lower Upper

200 100

173 26.0 6.2 46.2

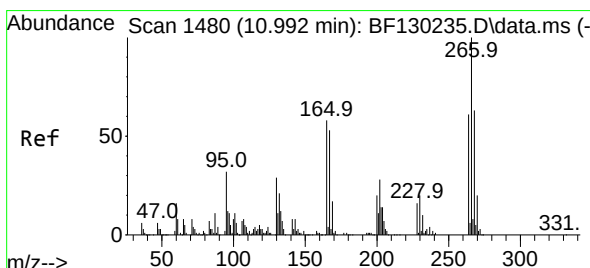
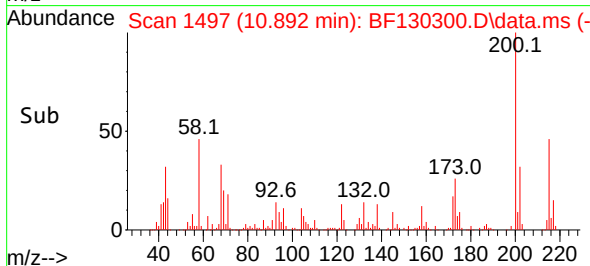
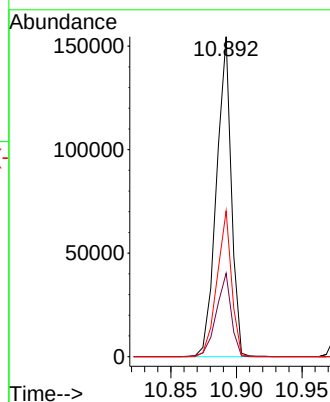
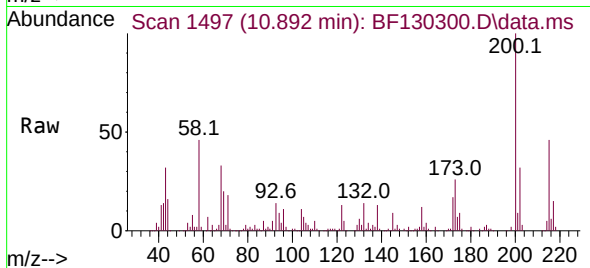
215 45.5 22.5 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#70

Pentachlorophenol

Concen: 72.758 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

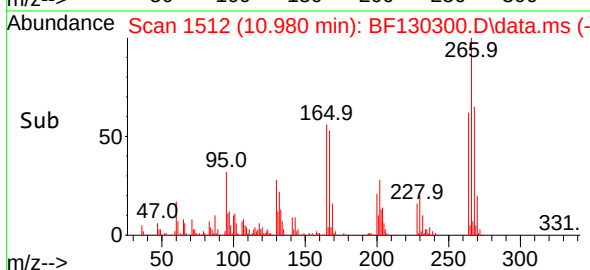
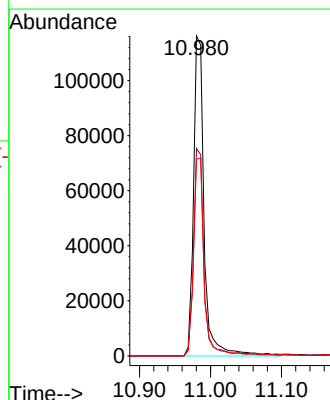
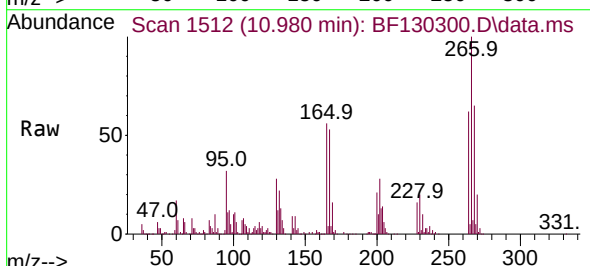
Tgt Ion:266 Resp: 120881

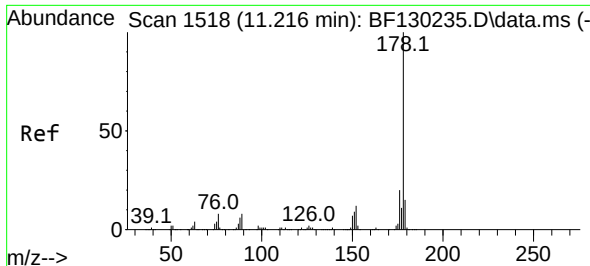
Ion Ratio Lower Upper

266 100

268 64.8 50.5 75.7

264 61.5 50.5 75.7





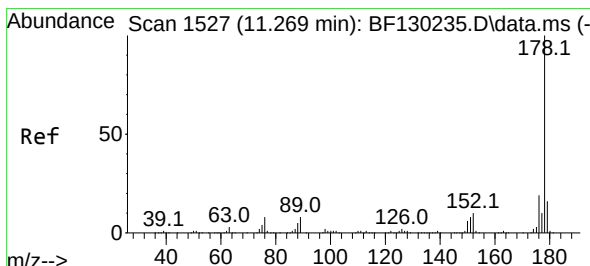
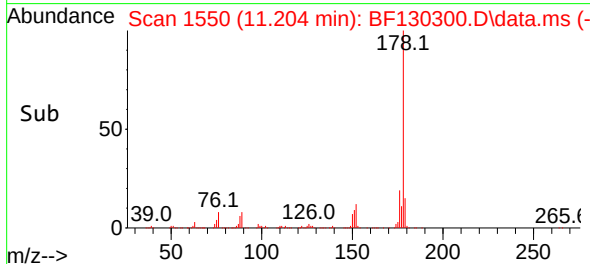
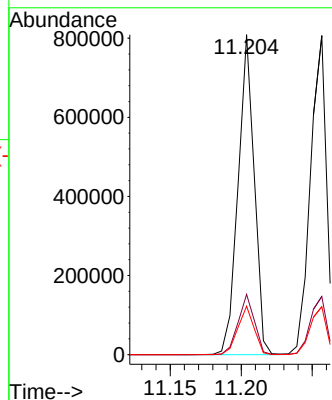
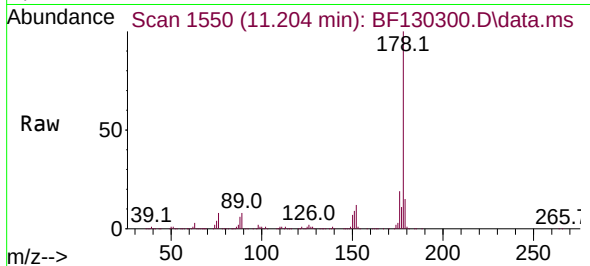
#71
Phenanthrene
Concen: 45.997 ng
RT: 11.204 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SP-4MSD

Tgt Ion:178 Resp: 639299
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.1 12.4 18.6

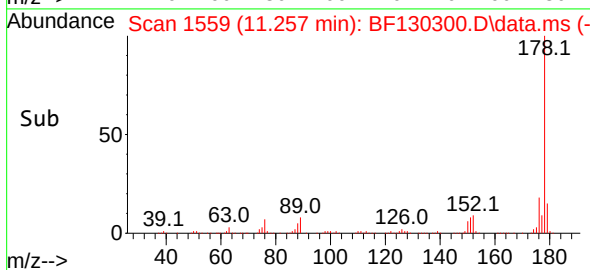
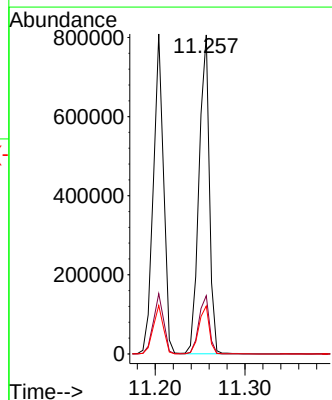
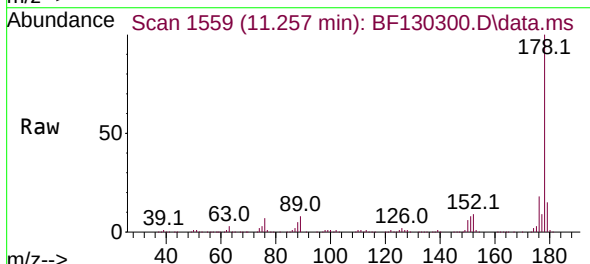
Manual Integrations
APPROVED

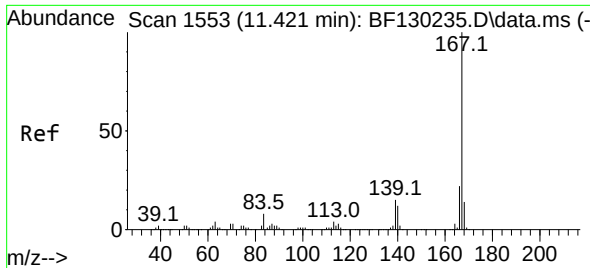
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#72
Anthracene
Concen: 48.055 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Tgt Ion:178 Resp: 644540
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.0 12.7 19.1





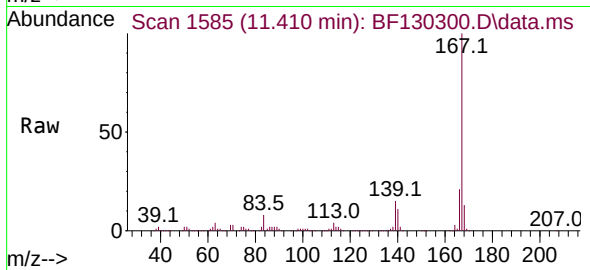
#73
 Carbazole
 Concen: 44.645 ng
 RT: 11.410 min Scan# 1553
 Delta R.T. -0.006 min
 Lab File: BF130300.D
 Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

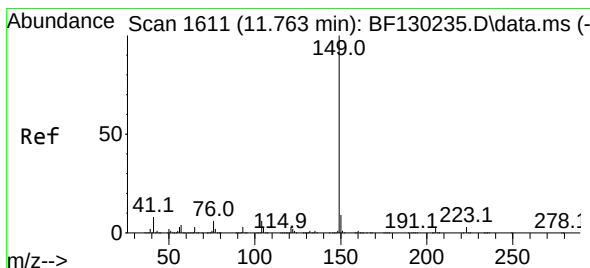
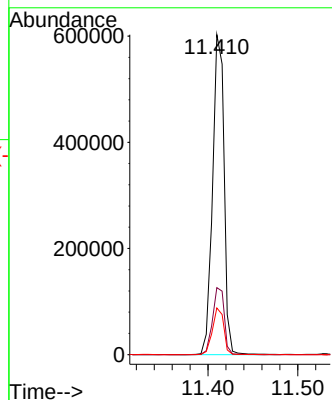
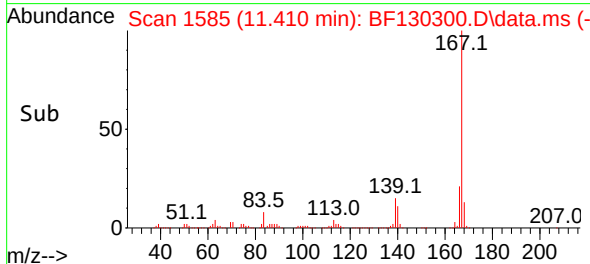


Tgt Ion:167 Resp: 540413
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.2
 139 14.6 11.6 17.4

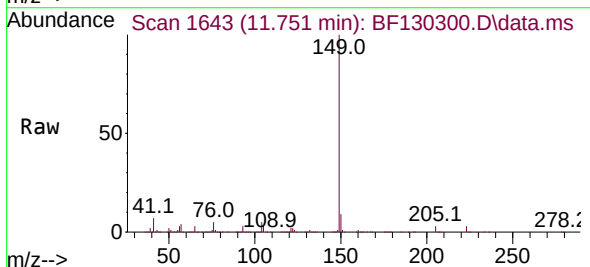
Manual Integrations

APPROVED

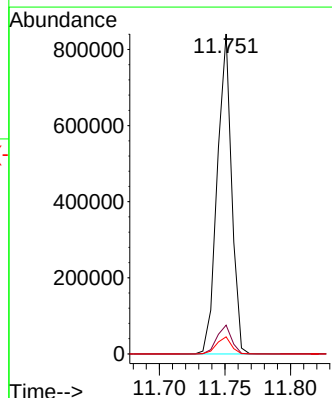
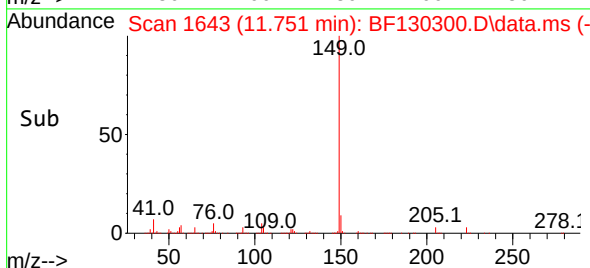
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022

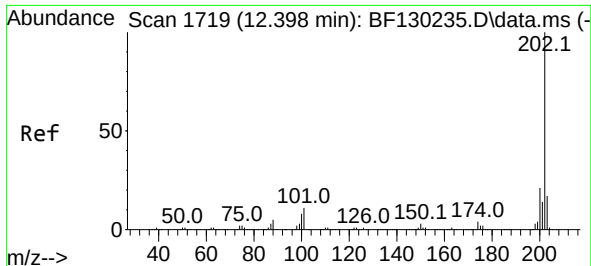


#74
 Di-n-butylphthalate
 Concen: 43.955 ng
 RT: 11.751 min Scan# 1643
 Delta R.T. 0.000 min
 Lab File: BF130300.D
 Acq: 16 Sep 2022 20:27



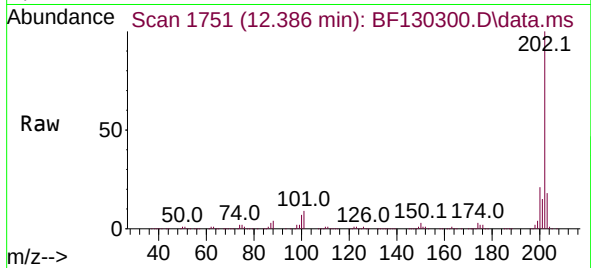
Tgt Ion:149 Resp: 641599
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.3 4.8 7.2





#75
Fluoranthene
Concen: 39.924 ng
RT: 12.386 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

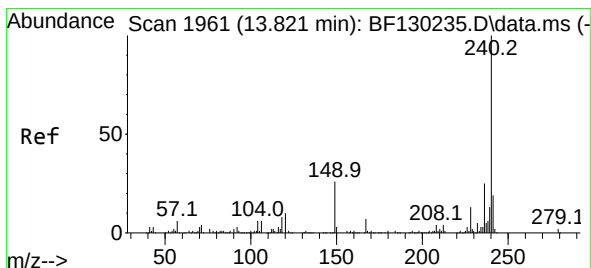
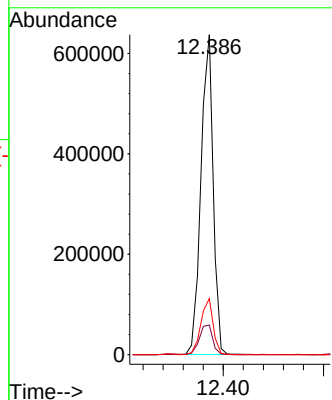
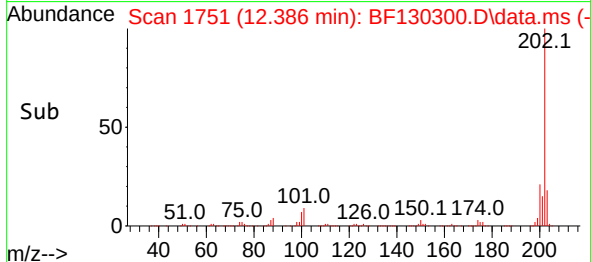
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



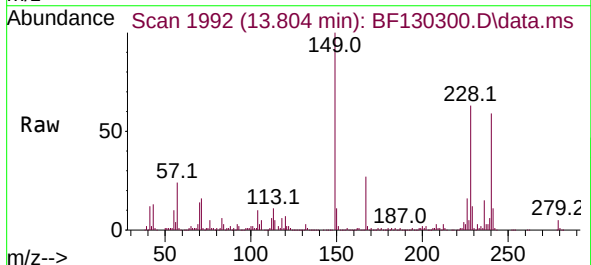
Tgt Ion:202 Resp: 536192
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.8
203 17.5 0.0 37.8

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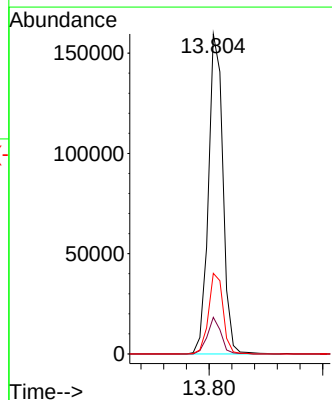
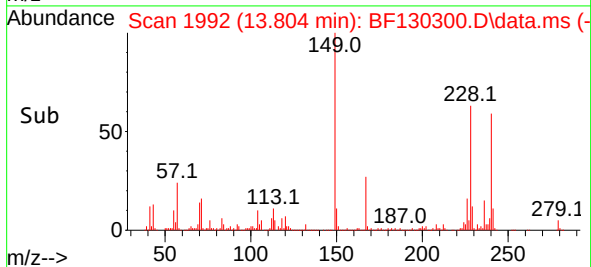
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

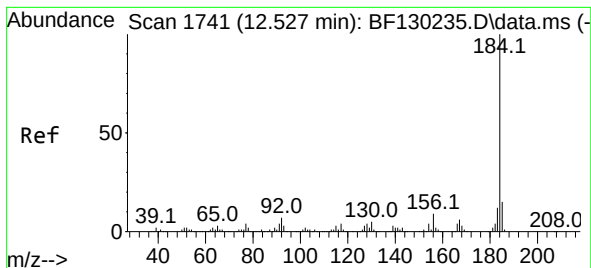


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion:240 Resp: 141536
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.2 20.9 31.3





#77

Benzidine

Concen: 91.623 ng

RT: 12.515 min Scan# 1773

Delta R.T. 0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

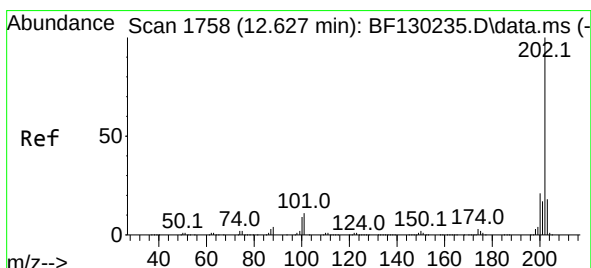
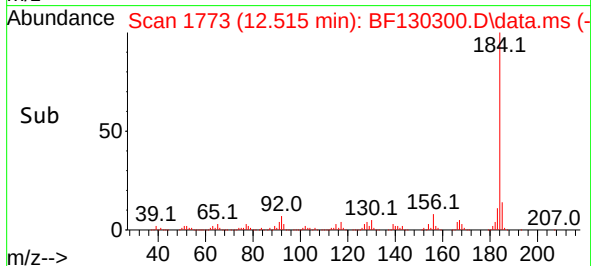
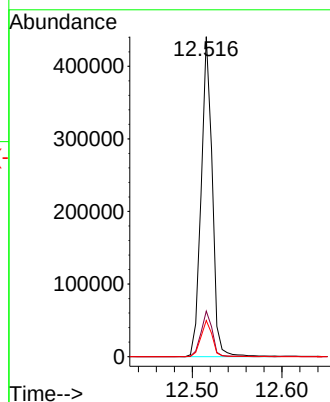
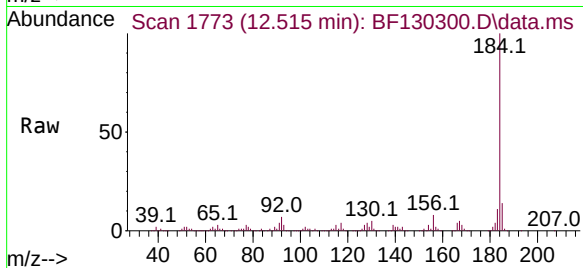
SP-4MSD

Tgt Ion:184	Resp: 37644
Ion Ratio	Lower Upper
184 100	
185 14.2	11.8 17.6
183 11.3	9.1 13.7

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 41.995 ng

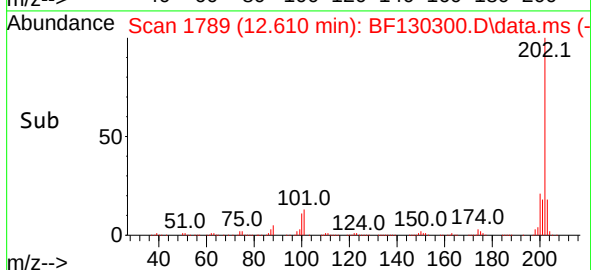
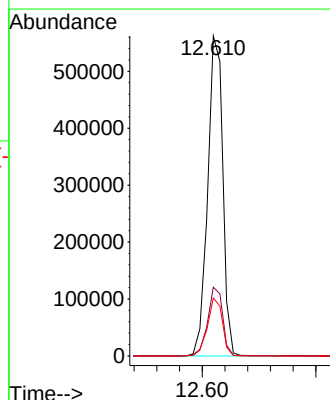
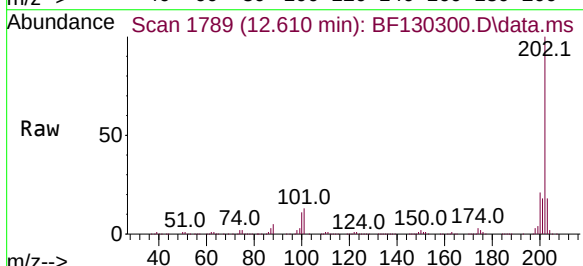
RT: 12.610 min Scan# 1789

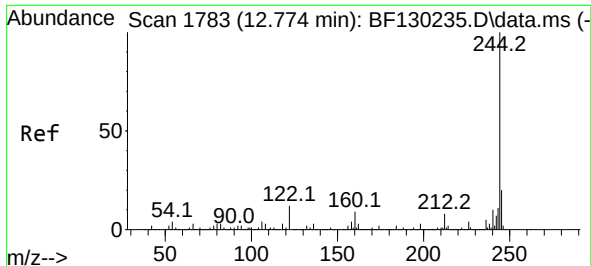
Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Tgt Ion:202	Resp: 519968
Ion Ratio	Lower Upper
202 100	
200 21.5	17.2 25.8
203 18.1	14.3 21.5





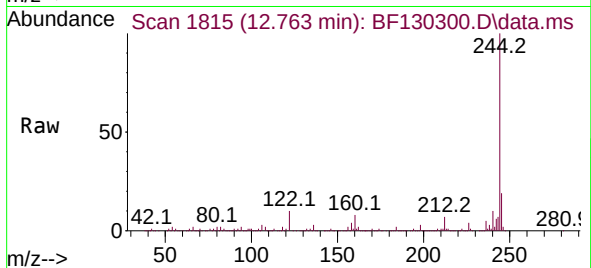
#79
 Terphenyl-d14
 Concen: 79.265 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF130300.D
 Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

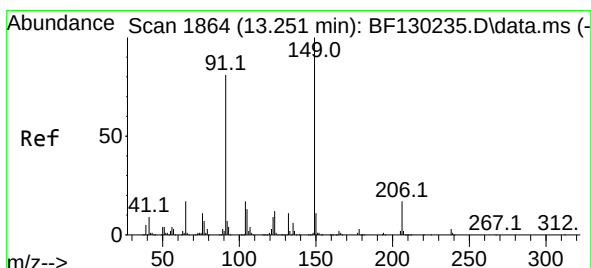
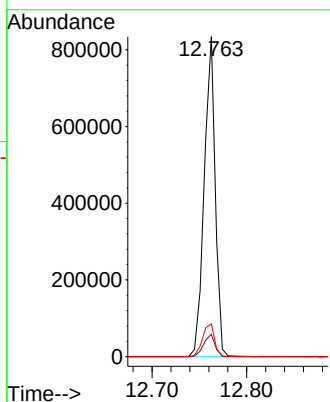
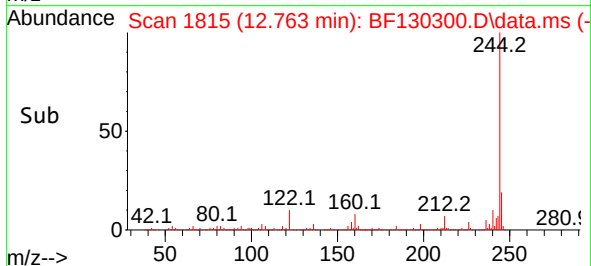


Tgt Ion:244 Resp: 677269
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.2 8.5 12.7

Manual Integrations

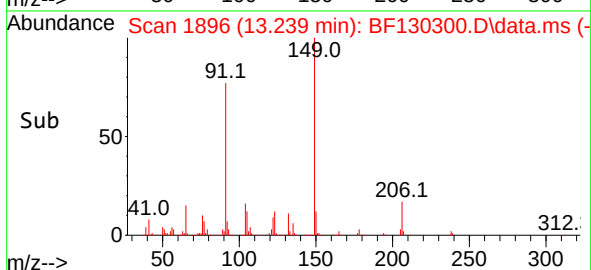
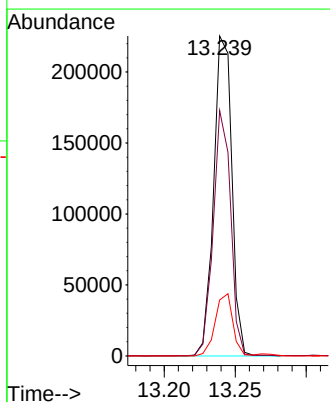
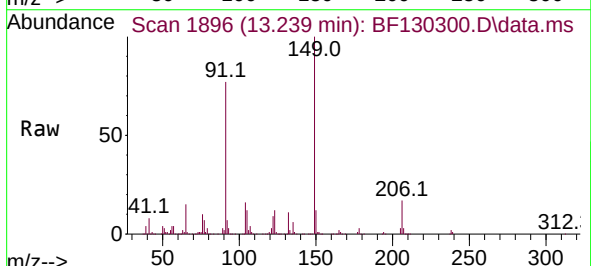
APPROVED

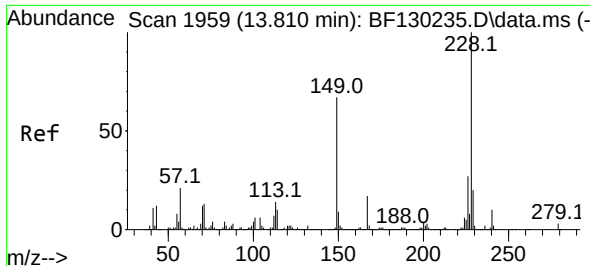
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#80
 Butylbenzylphthalate
 Concen: 43.863 ng
 RT: 13.239 min Scan# 1896
 Delta R.T. -0.006 min
 Lab File: BF130300.D
 Acq: 16 Sep 2022 20:27

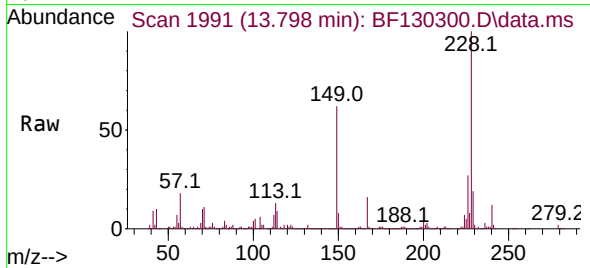
Tgt Ion:149 Resp: 201196
 Ion Ratio Lower Upper
 149 100
 91 76.7 59.8 89.8
 206 17.5 13.9 20.9





#81
Benzo(a)anthracene
Concen: 47.117 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

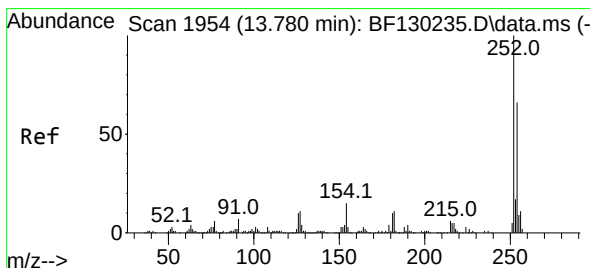
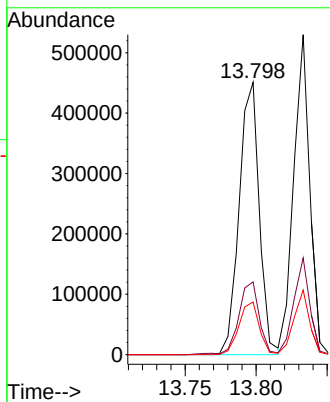
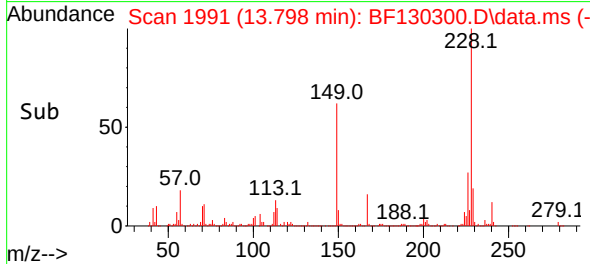
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



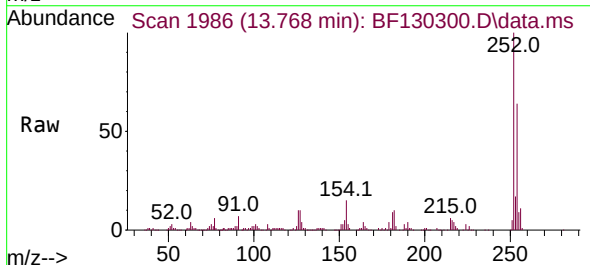
Tgt Ion:228 Resp: 443642
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.3 16.1 24.1

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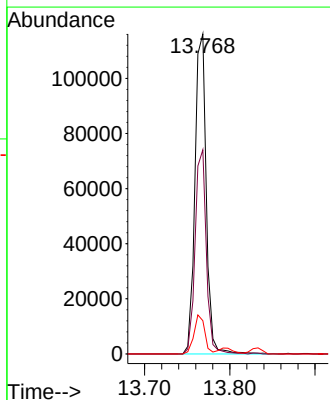
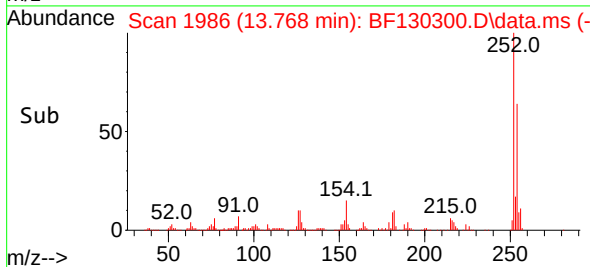
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

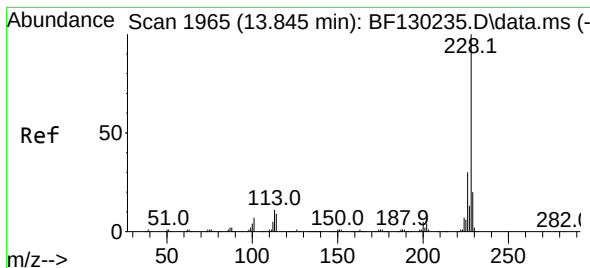


#82
3,3'-Dichlorobenzidine
Concen: 41.856 ng
RT: 13.768 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion:252 Resp: 107278
Ion Ratio Lower Upper
252 100
254 63.8 51.1 76.7
126 10.4 10.4 15.6#





#83

Chrysene

Concen: 46.980 ng

RT: 13.833 min Scan# 19

Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

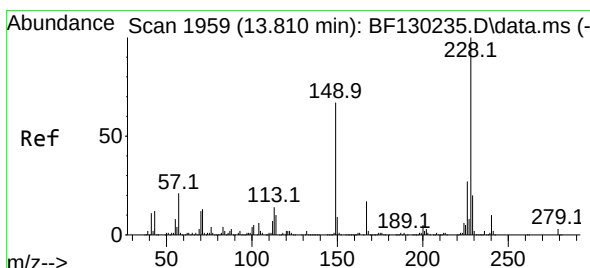
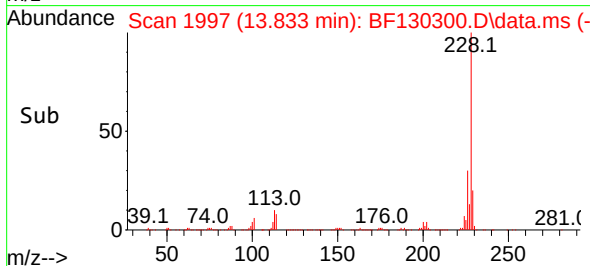
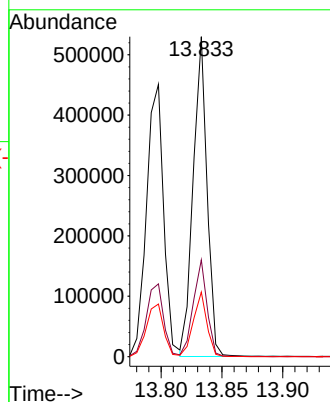
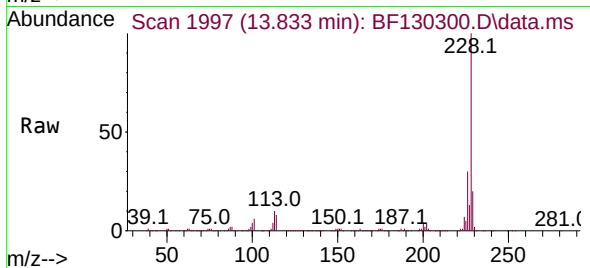
Tgt Ion:	228	Resp:	420013
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	20.2	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.870 ng

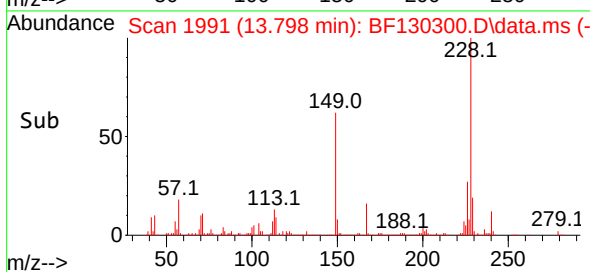
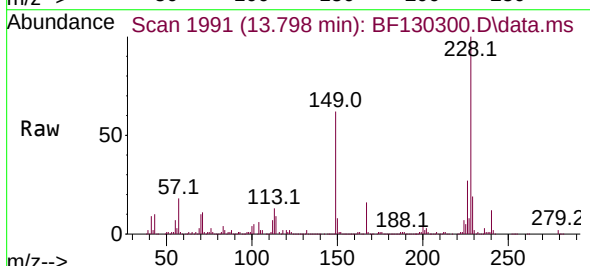
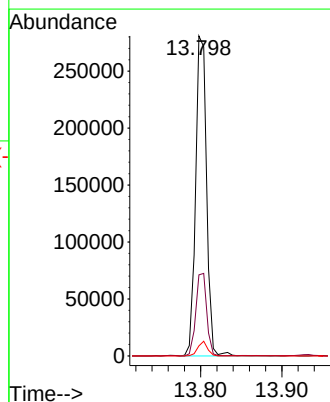
RT: 13.798 min Scan# 1991

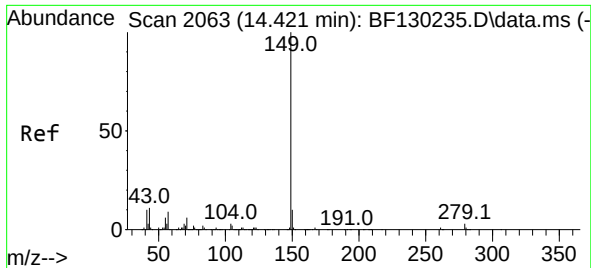
Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

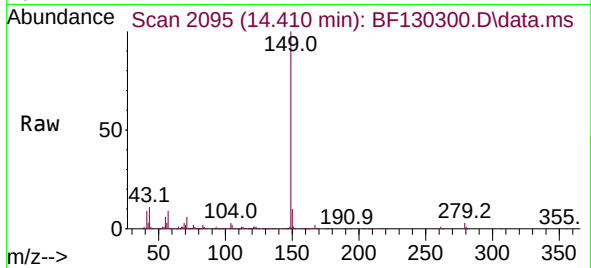
Tgt Ion:	149	Resp:	262014
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.5	30.7
279	3.2	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 58.135 ng
RT: 14.410 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

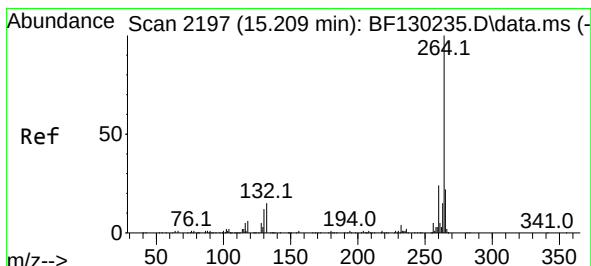
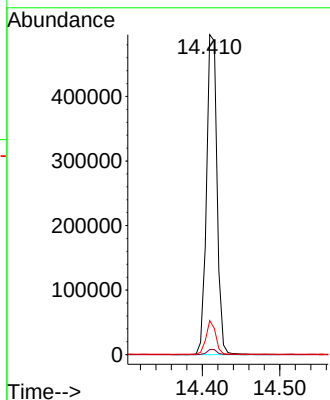
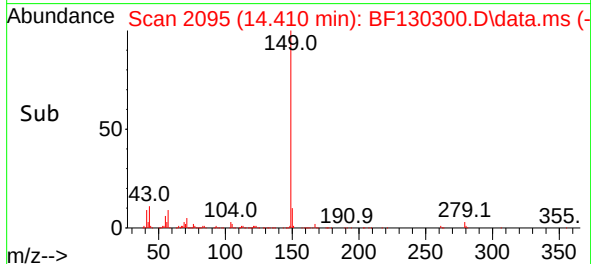
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



Tgt Ion:149 Resp: 467170
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 8.7 13.1

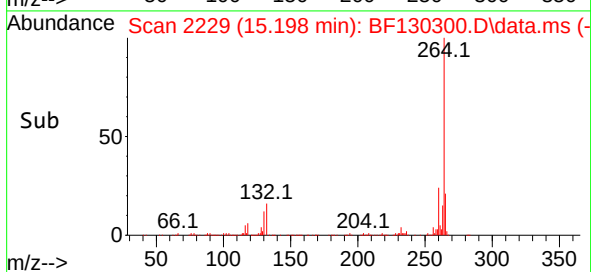
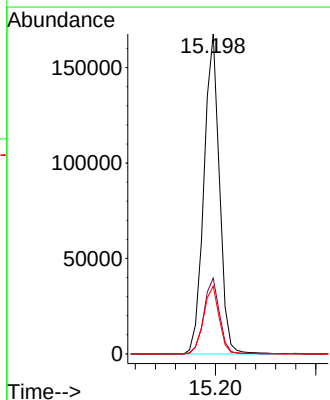
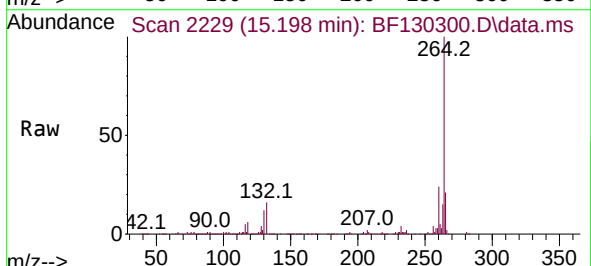
Manual Integrations
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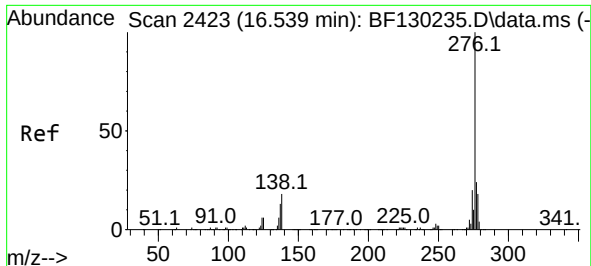
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Tgt Ion:264 Resp: 179570
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.2 17.0 25.4





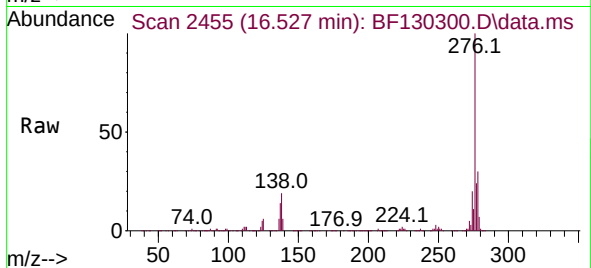
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.444 ng
RT: 16.527 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

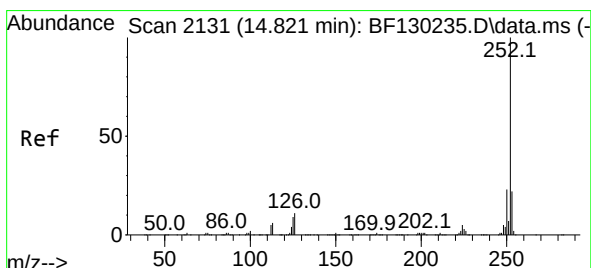
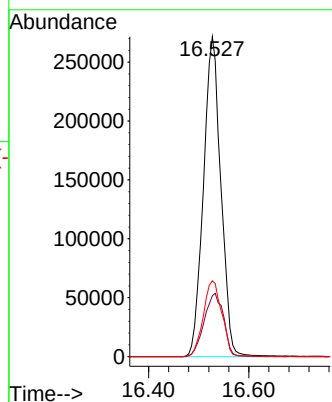
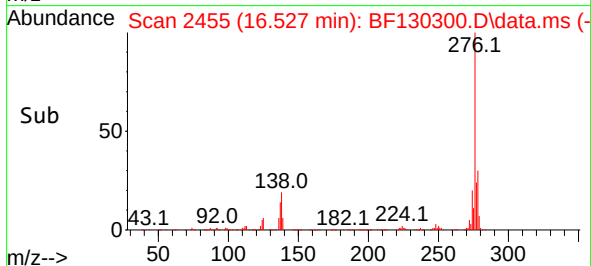


Tgt Ion:276 Resp: 655086
Ion Ratio Lower Upper
276 100
138 22.0 18.5 27.7
277 25.3 20.2 30.4

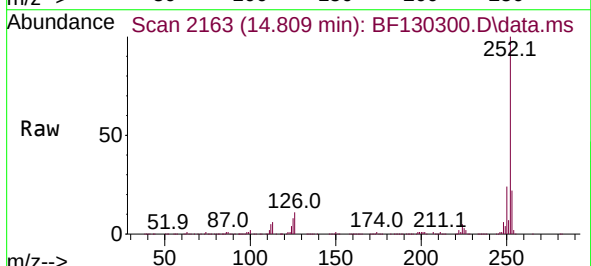
Manual Integrations

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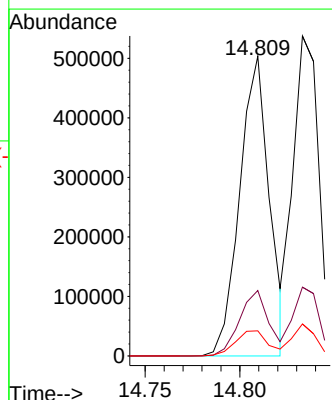
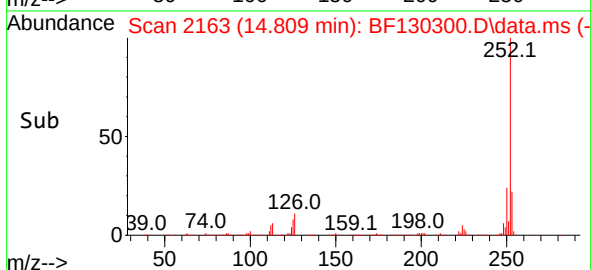
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

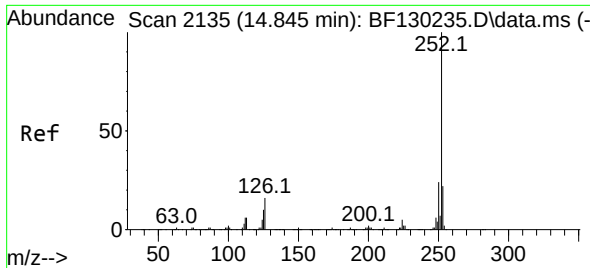


#88
Benzo(b)fluoranthene
Concen: 46.676 ng
RT: 14.809 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion:252 Resp: 547063
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.866 ng

RT: 14.833 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SP-4MSD

Tgt Ion:252 Resp: 517280

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

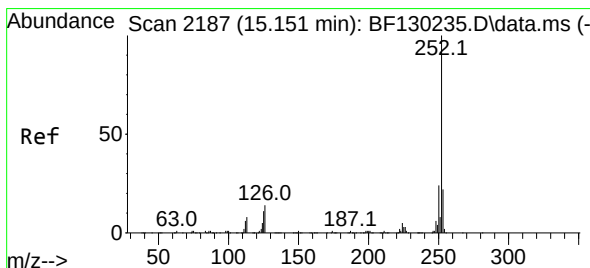
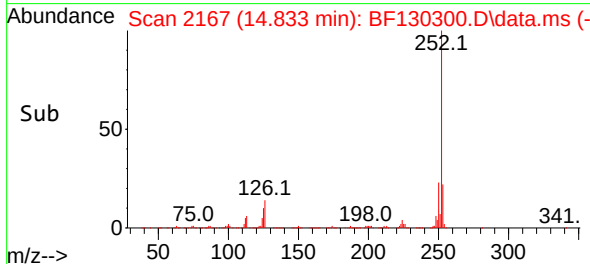
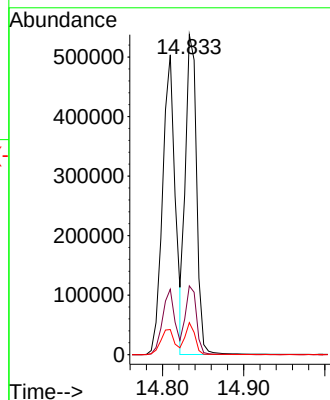
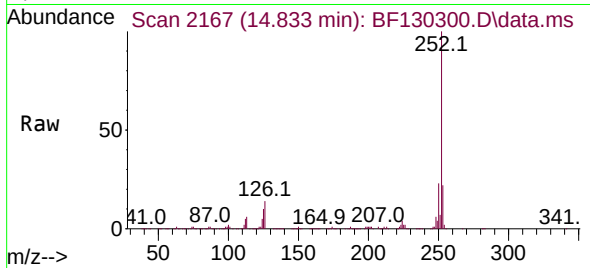
125 10.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#90

Benzo(a)pyrene

Concen: 52.589 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BF130300.D

Acq: 16 Sep 2022 20:27

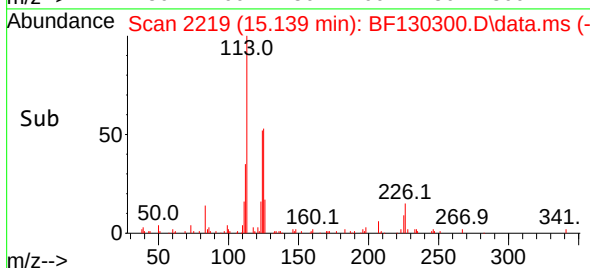
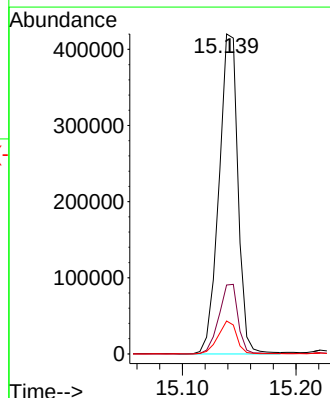
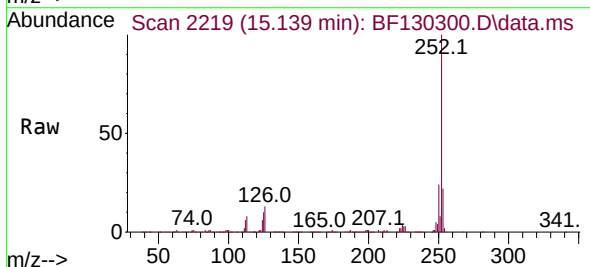
Tgt Ion:252 Resp: 488312

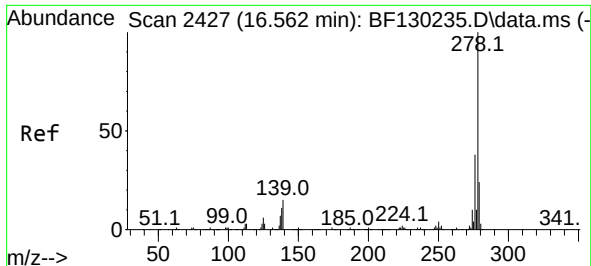
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

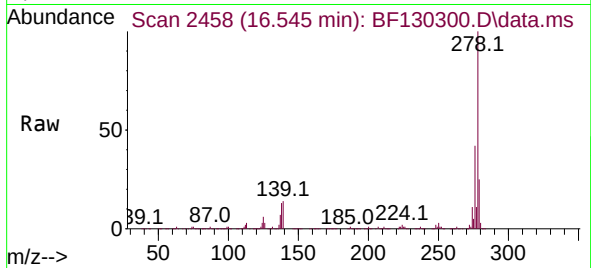
125 10.3 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 54.065 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27

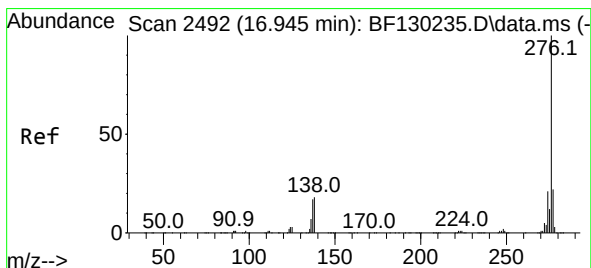
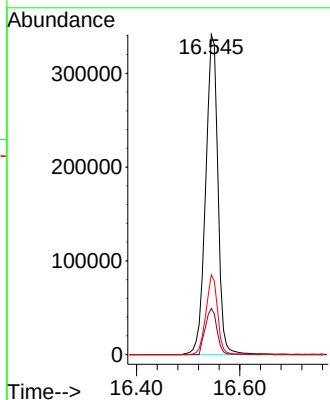
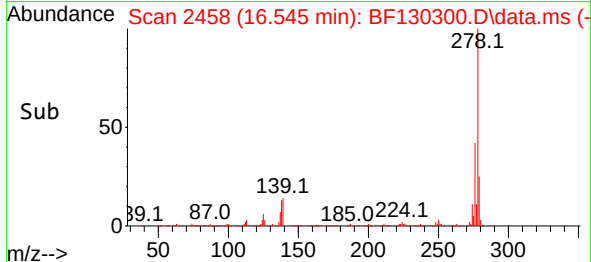
Instrument :
BNA_F
ClientSampleId :
SP-4MSD



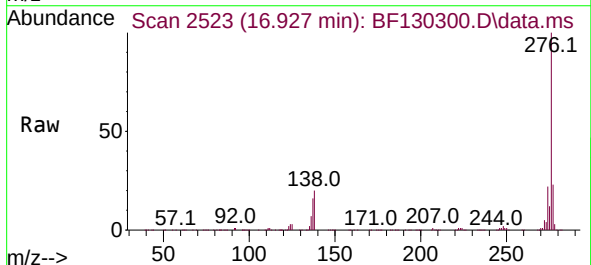
Tgt Ion: 278 Resp: 564791
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.8
279 24.9 19.4 29.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 52.719 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BF130300.D
Acq: 16 Sep 2022 20:27



Tgt Ion: 276 Resp: 554767
Ion Ratio Lower Upper
276 100
277 22.9 18.6 27.8
138 19.7 14.6 21.8

