

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124093.D
 Acq On : 27 May 2021 15:35
 Operator : JU/CG
 Sample : M2535-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-2DL

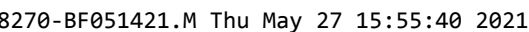
Quant Time: May 27 15:55:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

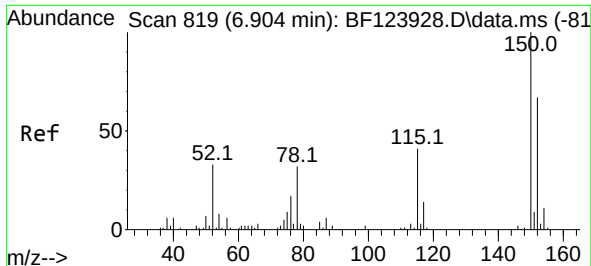
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	37621	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	130938	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	71793	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	115445	20.00	ng	0.00
76) Chrysene-d12	14.045	240	80369	20.00	ng	0.00
86) Perylene-d12	15.527	264	94020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	48768	18.20	ng	0.00
7) Phenol-d6	6.498	99	60590	17.43	ng	-0.01
23) Nitrobenzene-d5	7.439	82	44925	14.78	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	15172	17.59	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	67717	11.61	ng	0.00
79) Terphenyl-d14	12.986	244	54962	10.36	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	94777	63.01	ng	# 1
15) Benzyl Alcohol	6.939	79	42478	14.15	ng	# 16
18) Hexachloroethane	7.375	117	22759	18.48	ng	# 1
19) n-Nitroso-di-n-propyla...	7.269	70	4889	2.08	ng	# 36
22) Acetophenone	7.275	105	147925	39.78	ng	# 49
24) Nitrobenzene	7.451	77	14632	4.71	ng	# 1
31) Naphthalene	8.186	128	309402	39.93	ng	96
33) 4-Chloroaniline	8.186	127	49151	16.66	ng	# 43
35) Caprolactam	8.586	113	2066	3.35	ng	# 51
37) 2-Methylnaphthalene	8.875	142	185314	35.28	ng	98
38) 1-Methylnaphthalene	8.975	142	82607	16.85	ng	97
51) 2,6-Dinitrotoluene	9.916	165	10345	8.92	ng	# 10
84) Bis(2-ethylhexyl)phtha...	14.021	149	20892	5.29	ng	92

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

Quant Time: May 27 15:55:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:12:25 2021
Response via : Initial Calibration

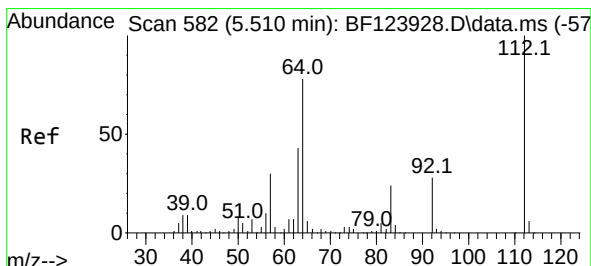
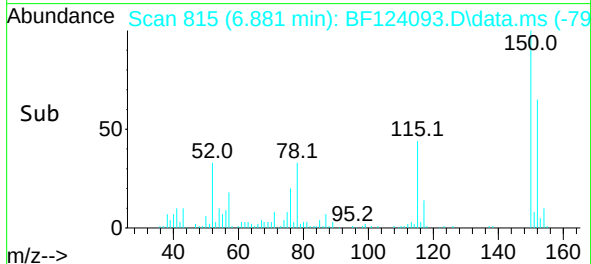
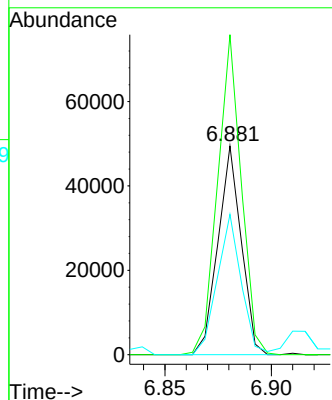
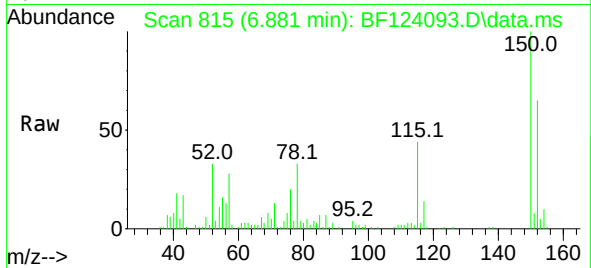




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

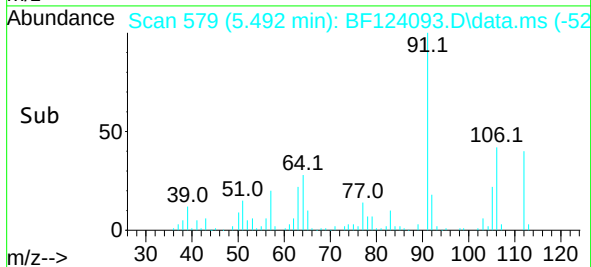
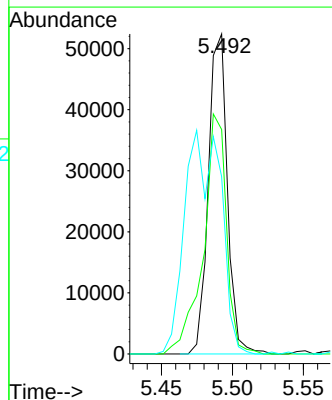
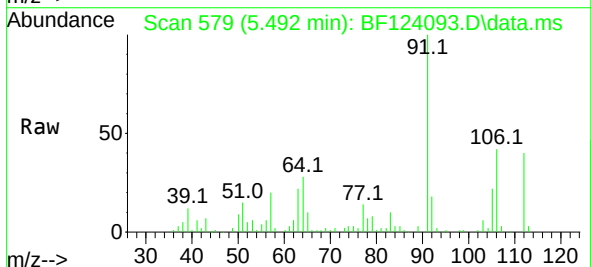
Instrument :
BNA_F
ClientSampleId :
GHOST-2DL

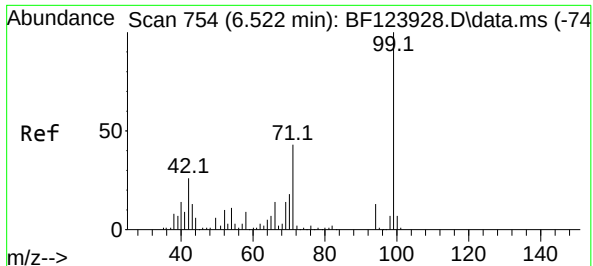
Tgt Ion:152 Resp: 37621
Ion Ratio Lower Upper
152 100
150 153.4 127.0 190.6
115 67.3 54.3 81.5



#5
2-Fluorophenol
Concen: 18.20 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion:112 Resp: 48768
Ion Ratio Lower Upper
112 100
64 70.2 61.4 92.0
63 55.4 33.0 49.4#

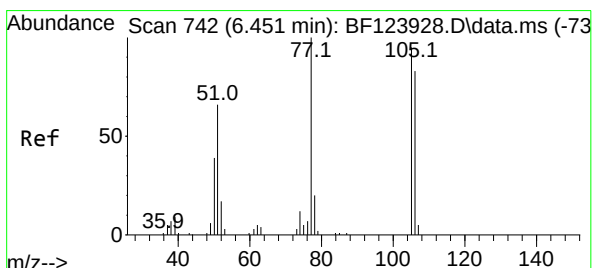
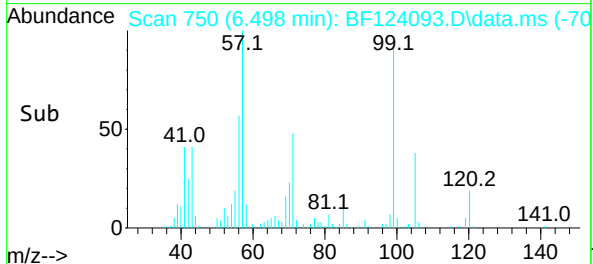
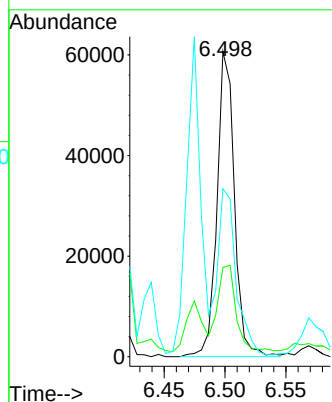
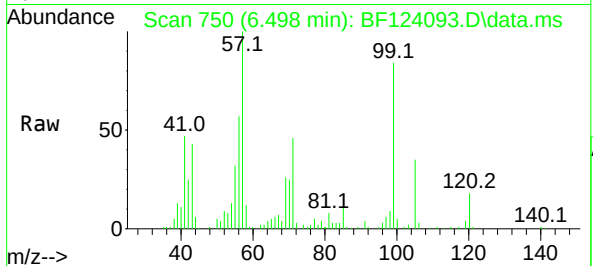




#7
Phenol-d6
Concen: 17.43 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

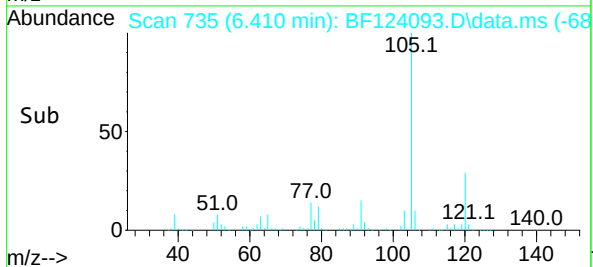
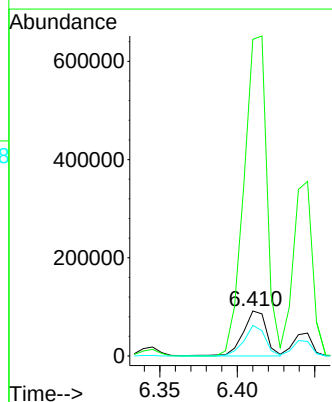
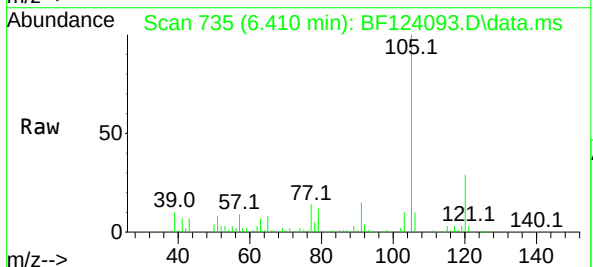
Instrument :
BNA_F
ClientSampled :
GHOST-2DL

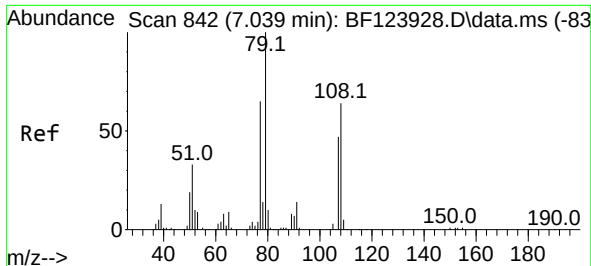
Tgt Ion: 99 Resp: 60590
Ion Ratio Lower Upper
99 100
42 29.3 19.8 29.8
71 55.1 31.1 46.7#



#9
Benzaldehyde
Concen: 63.01 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.018 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion: 77 Resp: 94777
Ion Ratio Lower Upper
77 100
105 703.6 75.2 115.2#
106 68.0 71.6 111.6#

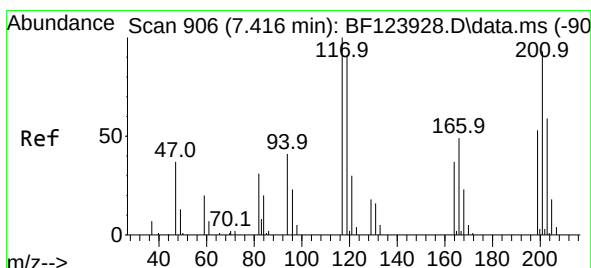
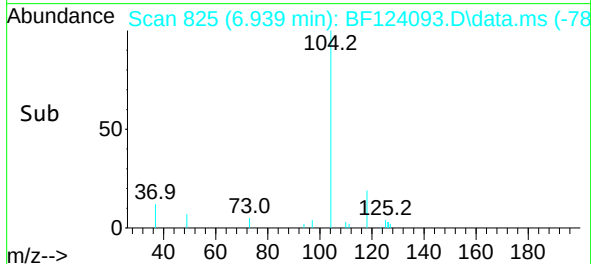
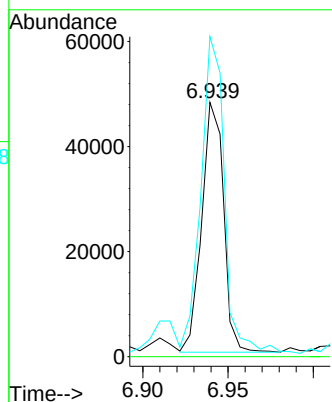
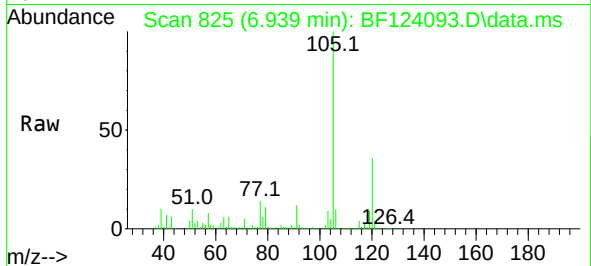




#15
Benzyl Alcohol
Concen: 14.15 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.077 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

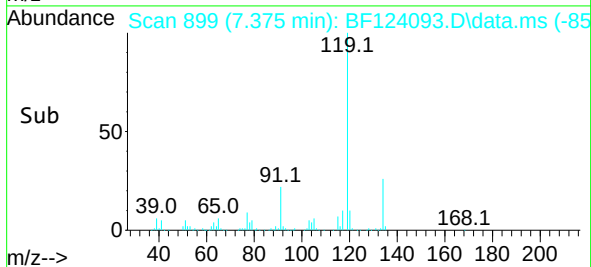
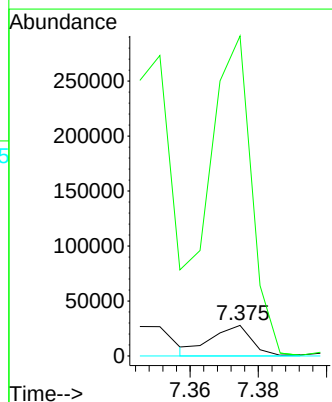
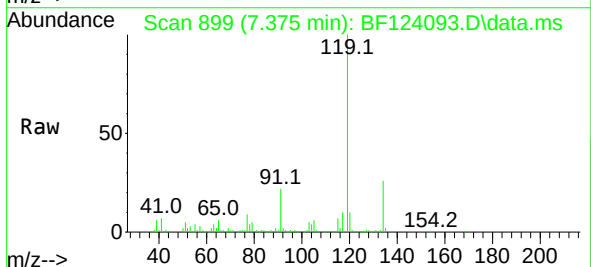
Instrument :
BNA_F
ClientSampleId :
GHOST-2DL

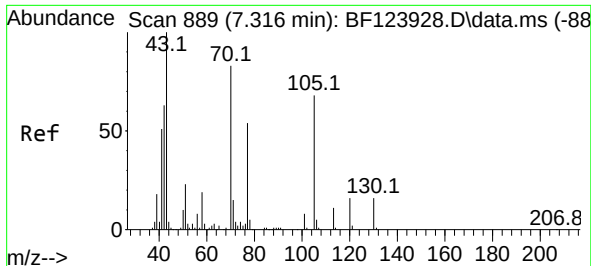
Tgt Ion: 79 Resp: 42478
Ion Ratio Lower Upper
79 100
108 0.0 55.8 83.8#
77 125.9 49.9 74.9#



#18
Hexachloroethane
Concen: 18.48 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion: 117 Resp: 22759
Ion Ratio Lower Upper
117 100
119 1045.5 77.8 116.8#
201 0.0 67.8 101.8#

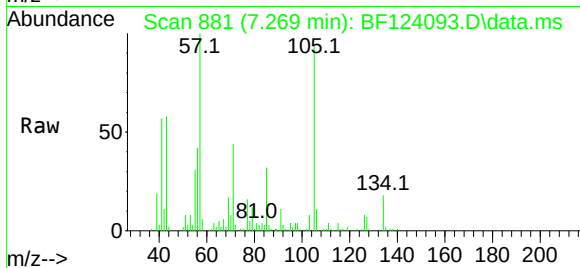




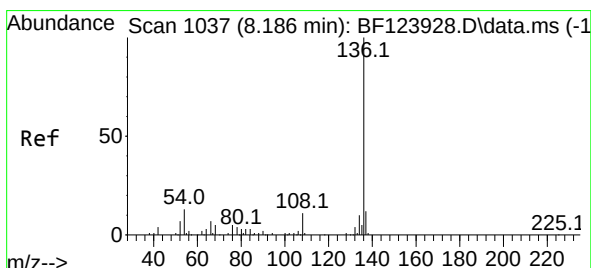
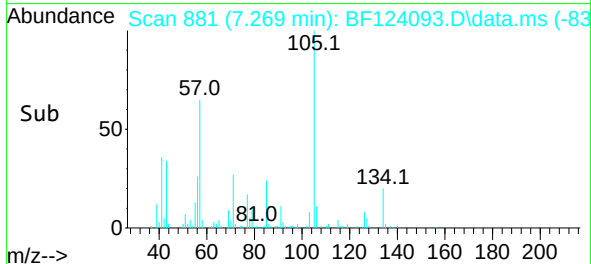
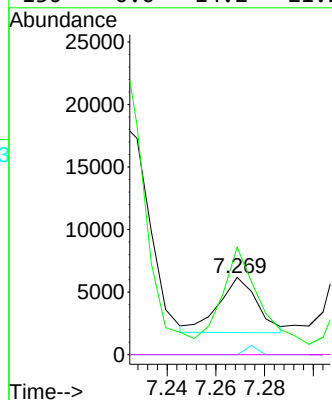
#19

n-Nitroso-di-n-propylamine
Concen: 2.08 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.024 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Instrument :
BNA_F
ClientSampleId :
GHOST-2DL

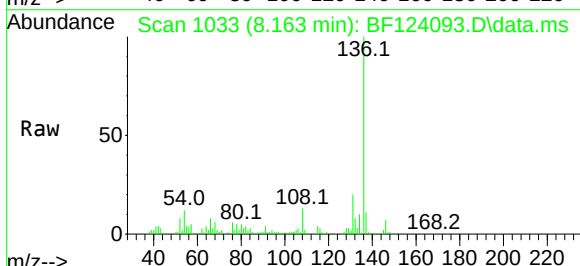


Tgt Ion:	70	Resp:	4889
Ion	Ratio	Lower	Upper
70	100		
42	139.0	60.1	90.1#
101	0.0	7.4	11.2#
130	0.0	14.2	21.2#

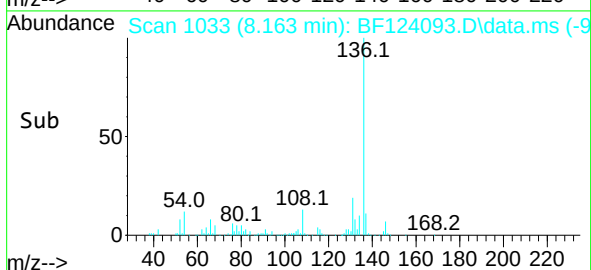
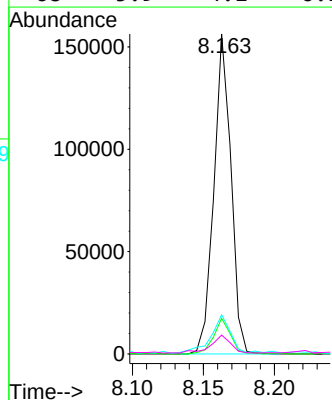


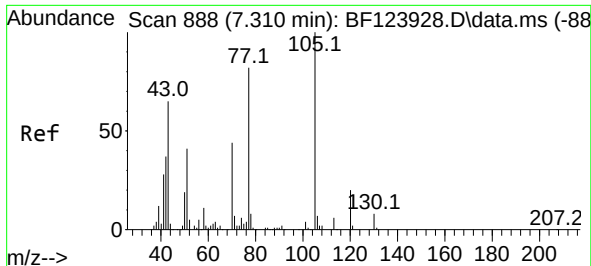
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35



Tgt Ion:	136	Resp:	130938
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.2	9.8	14.6
68	5.9	4.1	6.1

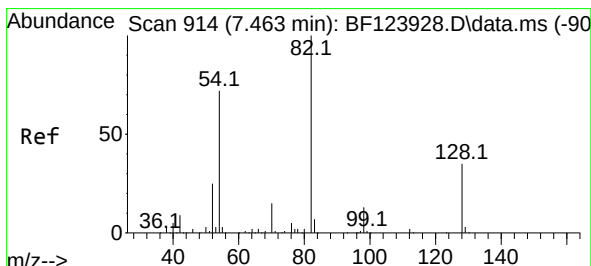
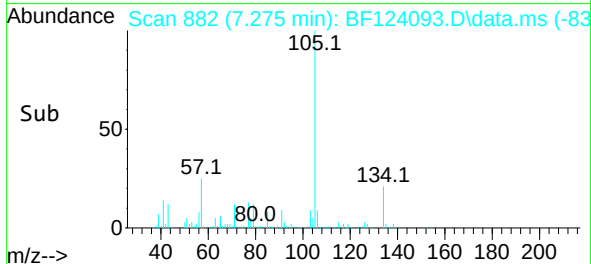
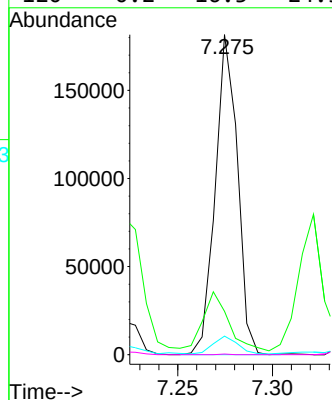
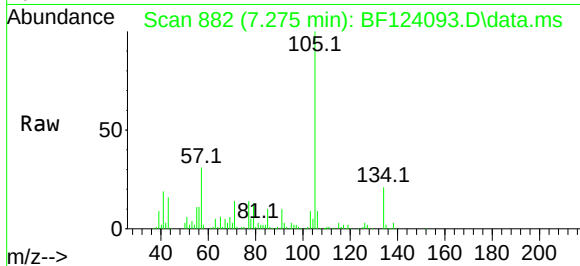




#22
Acetophenone
Concen: 39.78 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

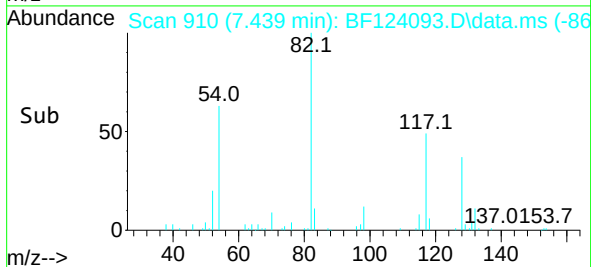
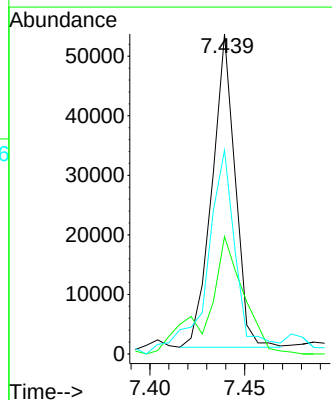
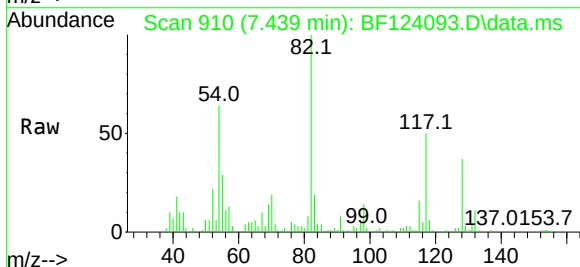
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ClientSampleID :
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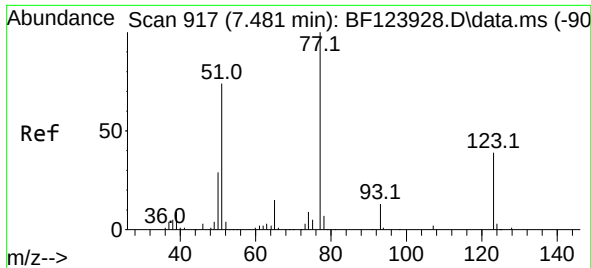
Tgt Ion:	105	Resp:	147925
Ion Ratio	Lower	Upper	
105	100		
71	13.6	4.2	6.4#
51	5.8	33.6	50.4#
120	0.2	16.3	24.5#



#23
Nitrobenzene-d5
Concen: 14.78 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion:	82	Resp:	44925
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.4	44.2
54	63.7	54.1	81.1

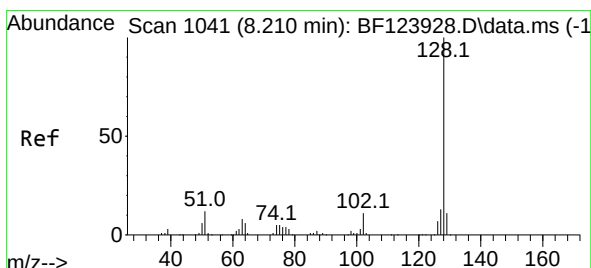
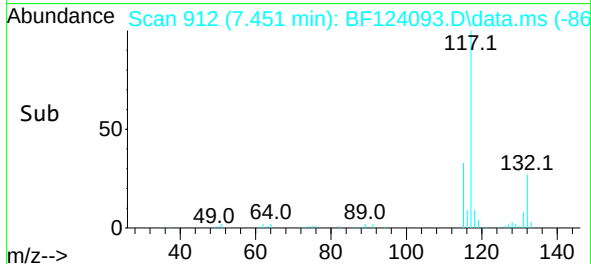
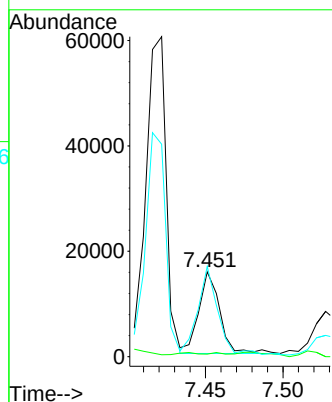
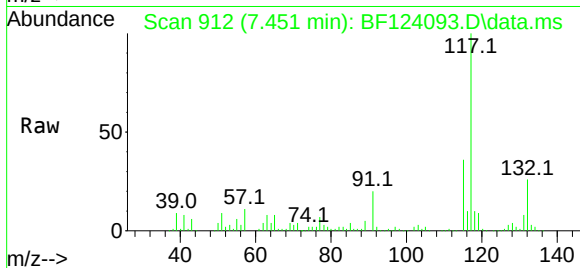




#24
Nitrobenzene
Concen: 4.71 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

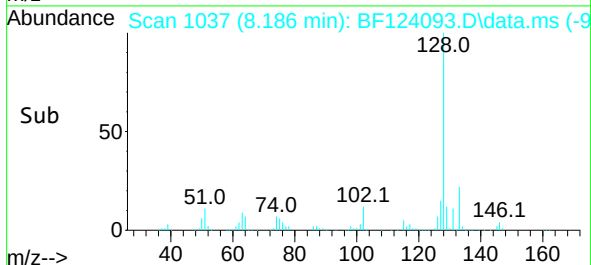
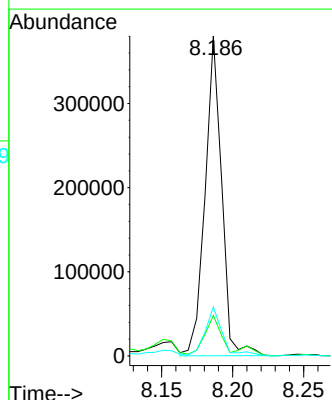
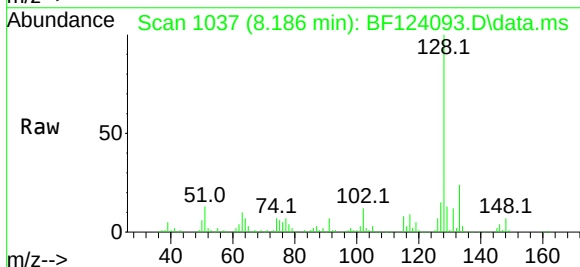
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BNA_F
ClientSampled :
GHOST-2DL

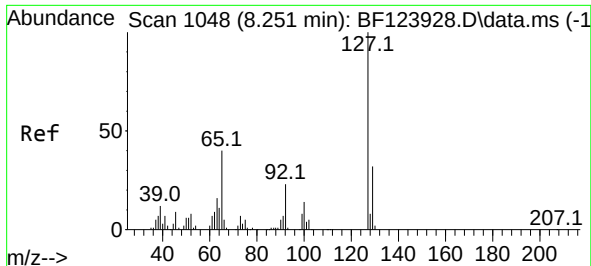
Tgt Ion: 77 Resp: 14632
Ion Ratio Lower Upper
77 100
123 3.0 34.5 51.7#
65 106.4 12.2 18.2#



#31
Naphthalene
Concen: 39.93 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

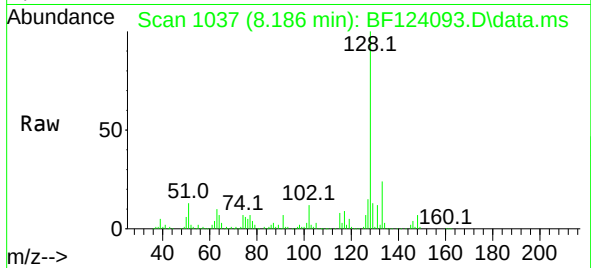
Tgt Ion: 128 Resp: 309402
Ion Ratio Lower Upper
128 100
129 12.7 8.9 13.3
127 15.3 10.8 16.2



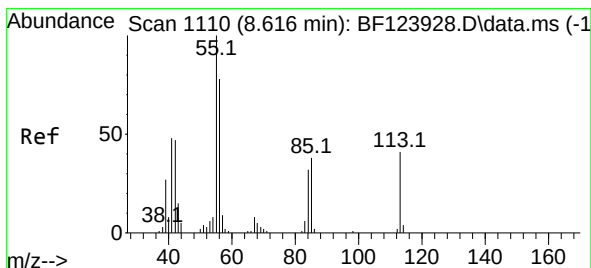
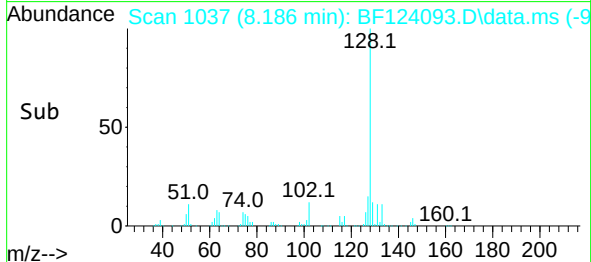
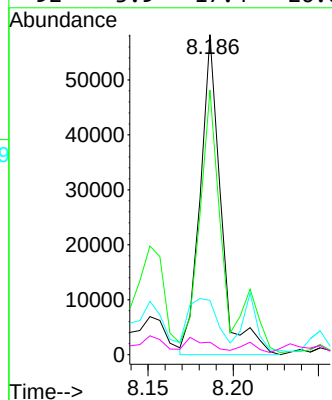


#33
4-Chloroaniline
Concen: 16.66 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.047 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Instrument :
BNA_F
ClientSampleId :
GHOST-2DL

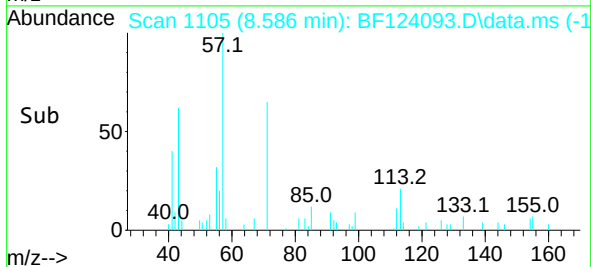
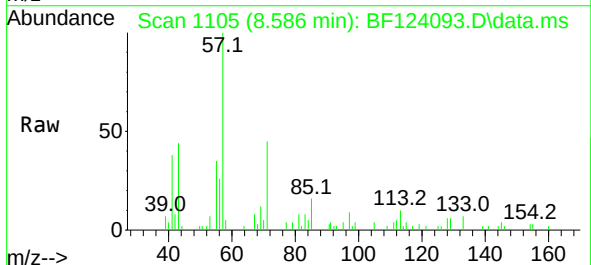
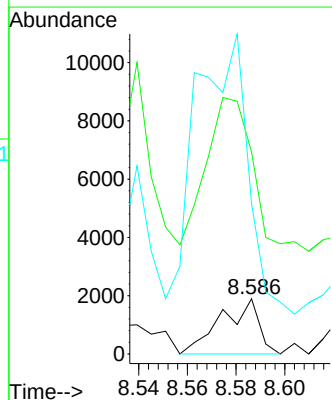


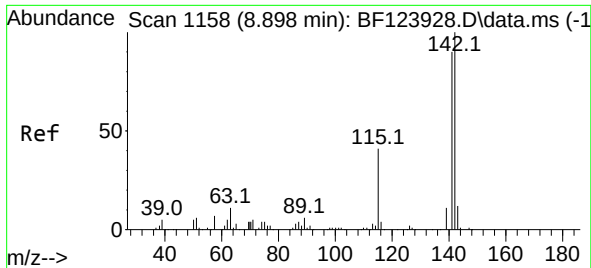
Tgt Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.7	38.5#
65	17.0	34.5	51.7#
92	3.9	17.4	26.0#



#35
Caprolactam
Concen: 3.35 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion	Ratio	Lower	Upper
113	100		
55	366.4	254.9	294.9#
56	272.9	179.4	219.4#

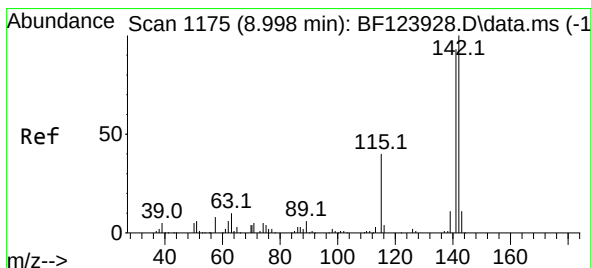
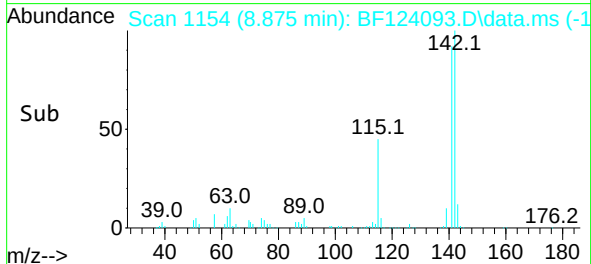
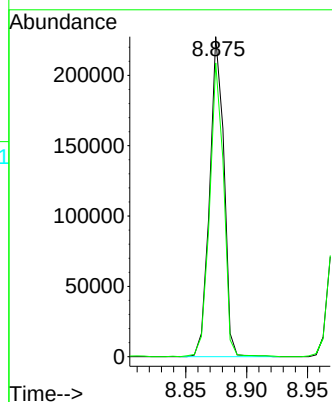
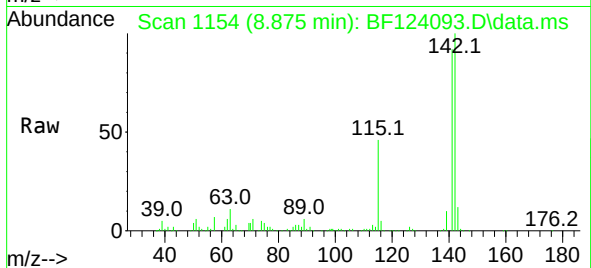




#37
2-Methylnaphthalene
Concen: 35.28 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

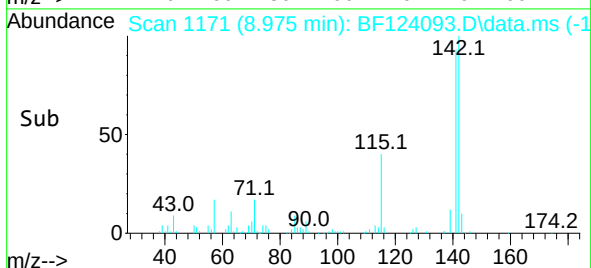
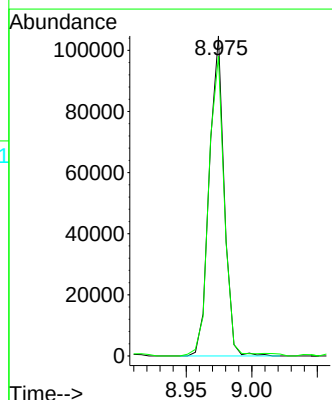
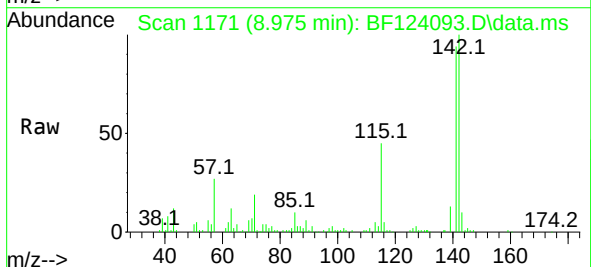
Instrument :
BNA_F
ClientSampleId :
GHOST-2DL

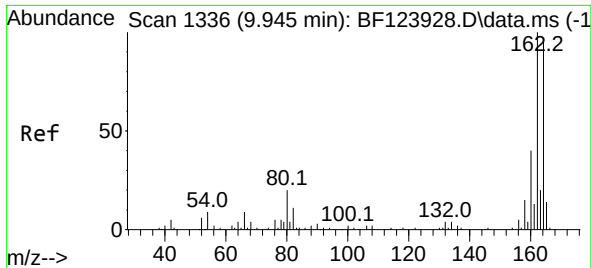
Tgt Ion:142 Resp: 185314
Ion Ratio Lower Upper
142 100
141 91.8 71.8 107.6



#38
1-Methylnaphthalene
Concen: 16.85 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion:142 Resp: 82607
Ion Ratio Lower Upper
142 100
141 93.7 72.8 109.2

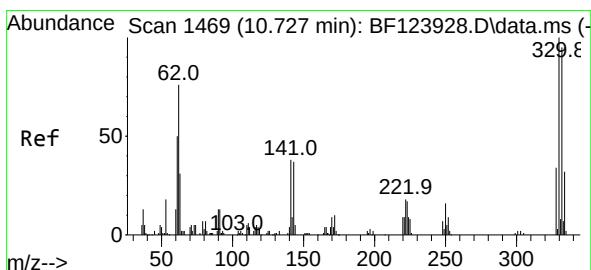
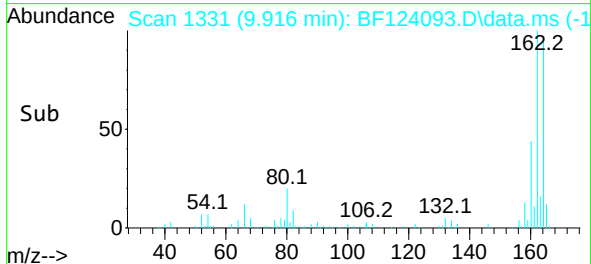
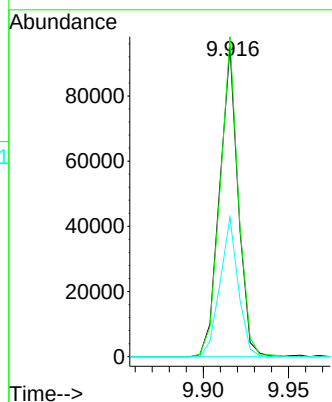
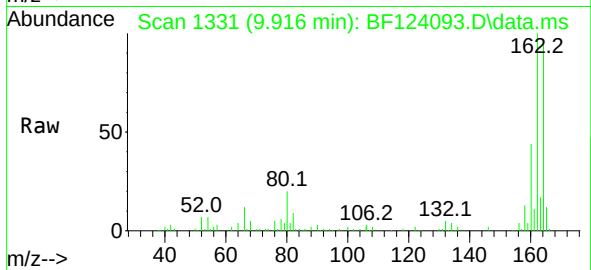




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

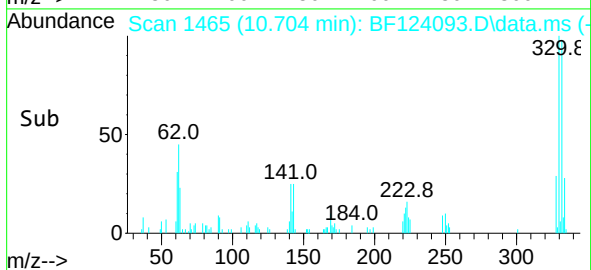
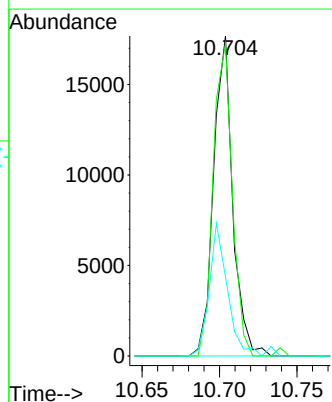
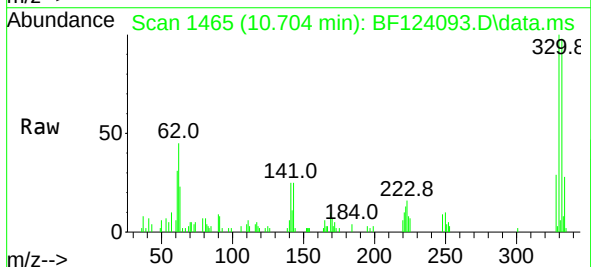
Instrument :
BNA_F
ClientSampleId :
GHOST-2DL

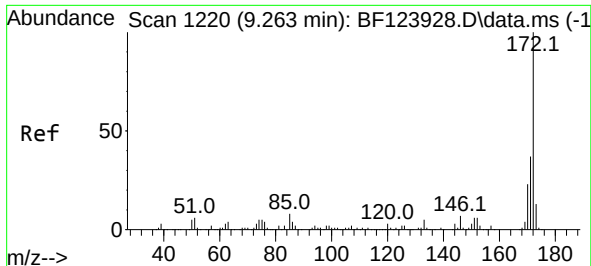
Tgt Ion:164 Resp: 71793
Ion Ratio Lower Upper
164 100
162 103.4 80.7 121.1
160 45.1 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 17.59 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion:330 Resp: 15172
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 39.3 27.9 41.9

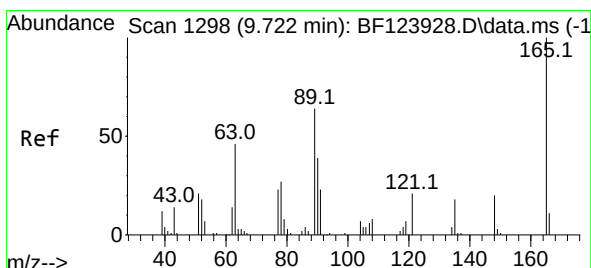
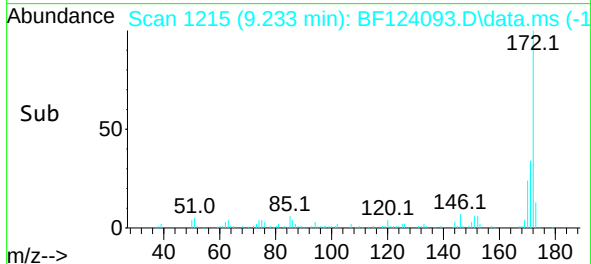
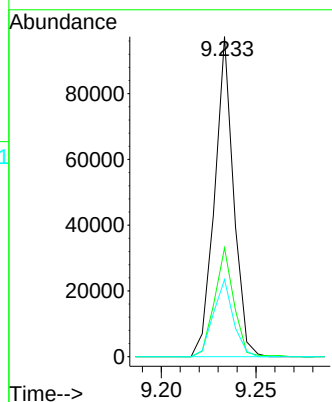
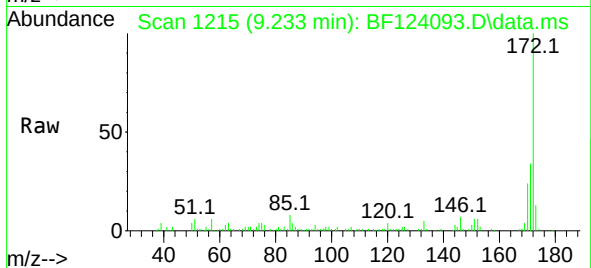




#45
2-Fluorobiphenyl
Concen: 11.61 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

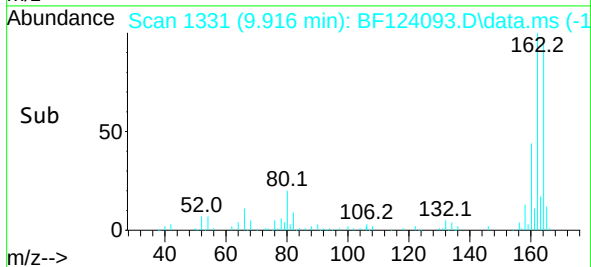
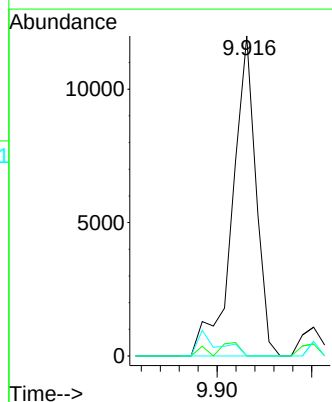
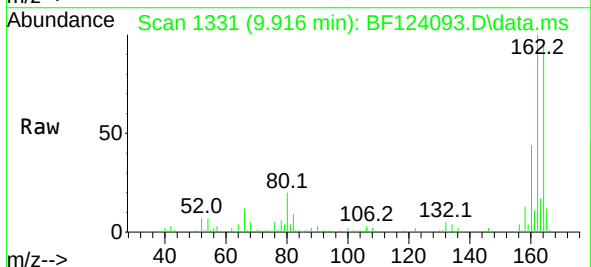
Instrument :
BNA_F
ClientSampleId :
GHOST-2DL

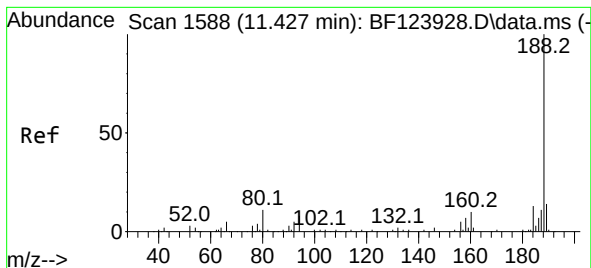
Tgt Ion:172 Resp: 67717
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 24.1 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.92 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion:165 Resp: 10345
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

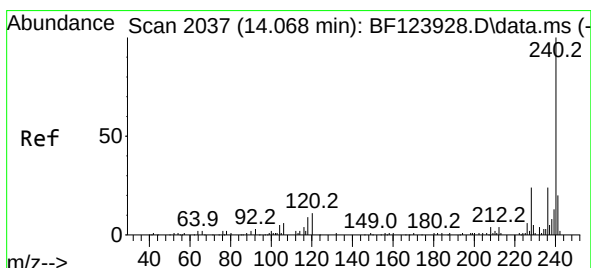
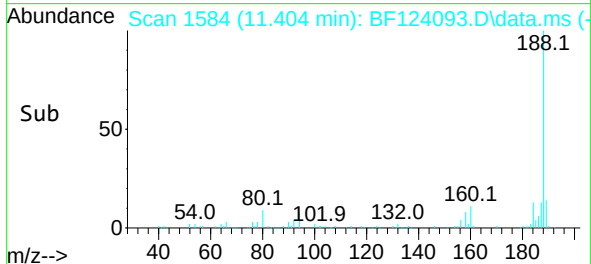
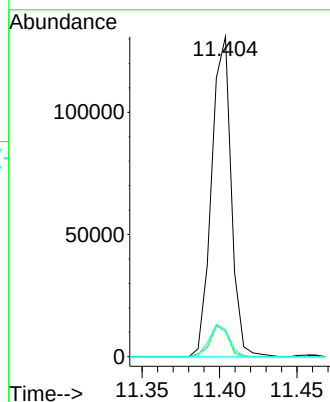
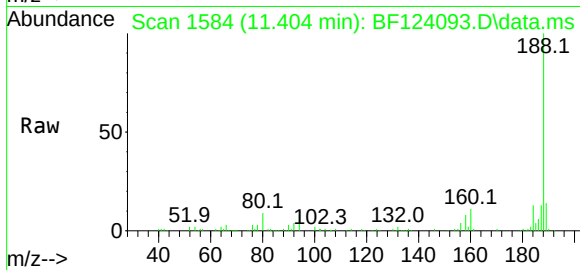




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

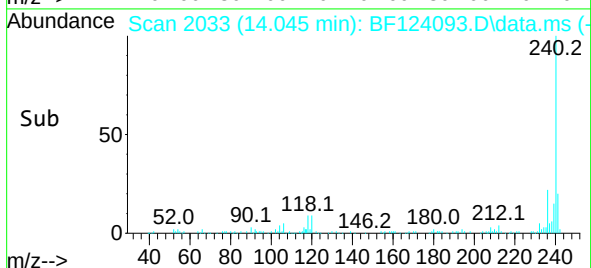
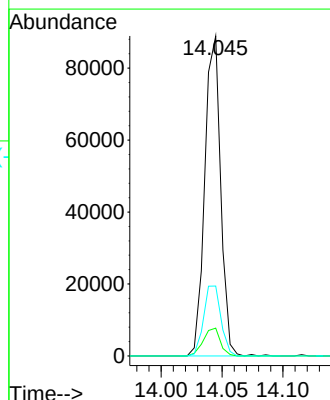
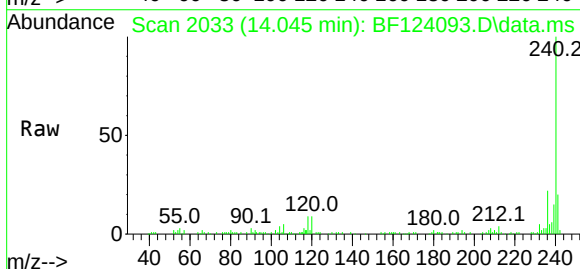
Instrument :
BNA_F
ClientSampleId :
GHOST-2DL

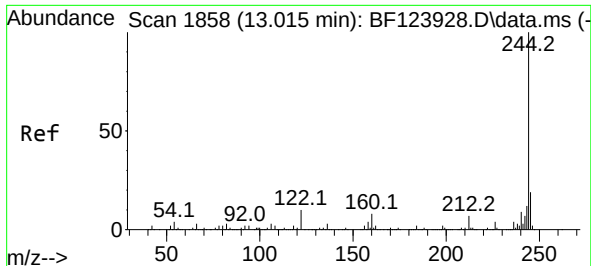
Tgt Ion:188 Resp: 115445
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.5 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124093.D
Acq: 27 May 2021 15:35

Tgt Ion:240 Resp: 80369
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 21.9 19.0 28.4

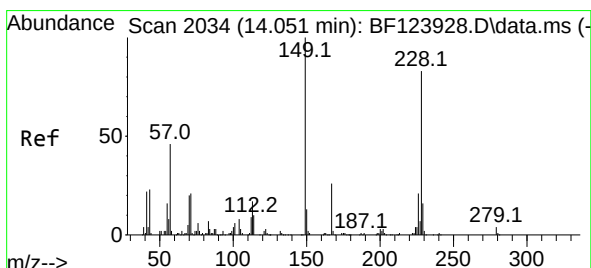
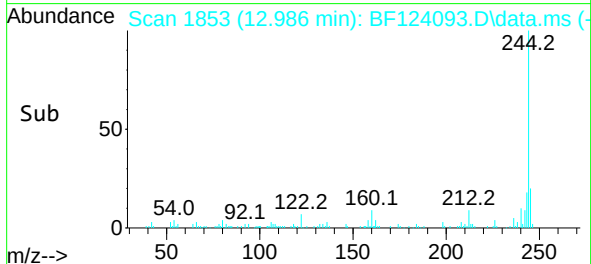
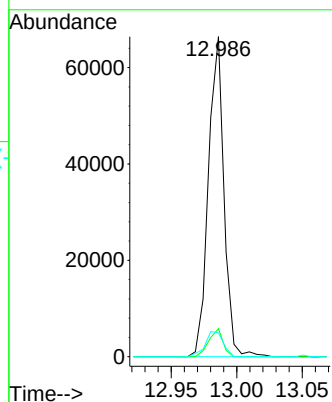
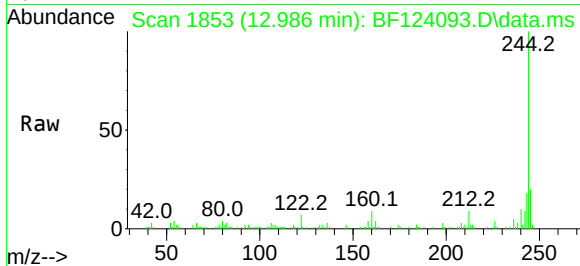




#79
 Terphenyl-d14
 Concen: 10.36 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124093.D
 Acq: 27 May 2021 15:35

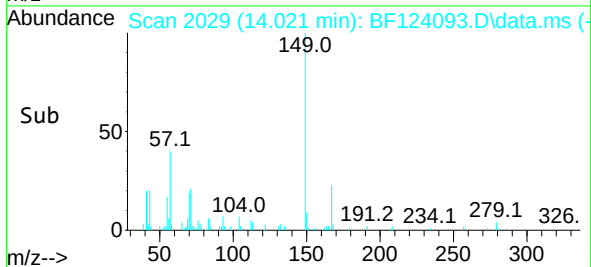
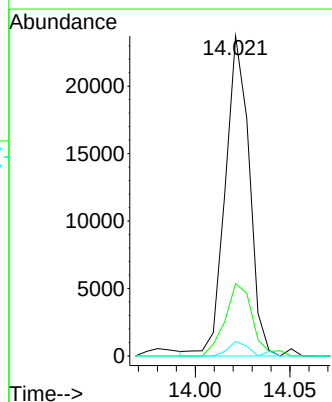
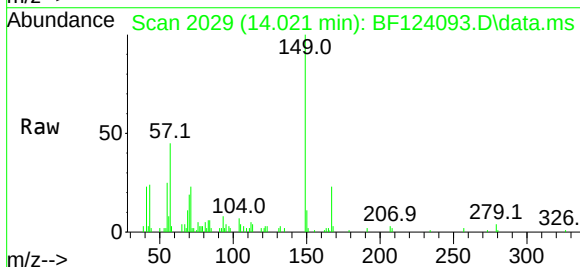
Instrument :
 BNA_F
 ClientSampleId :
 GHOST-2DL

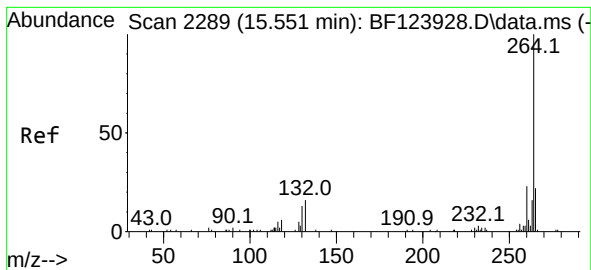
Tgt Ion:244 Resp: 54962
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.7 8.5#
 122 7.4 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.29 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: BF124093.D
 Acq: 27 May 2021 15:35

Tgt Ion:149 Resp: 20892
 Ion Ratio Lower Upper
 149 100
 167 22.6 21.8 32.6
 279 4.5 3.3 4.9





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF124093.D
 Acq: 27 May 2021 15:35

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-2DL

Tgt Ion:	264	Resp:	94020
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	22.1	17.8	26.8

