

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124848.D
 Acq On : 29 Jul 2021 13:14
 Operator : JU/CG
 Sample : PB138041BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138041BL

Quant Time: Jul 29 13:50:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

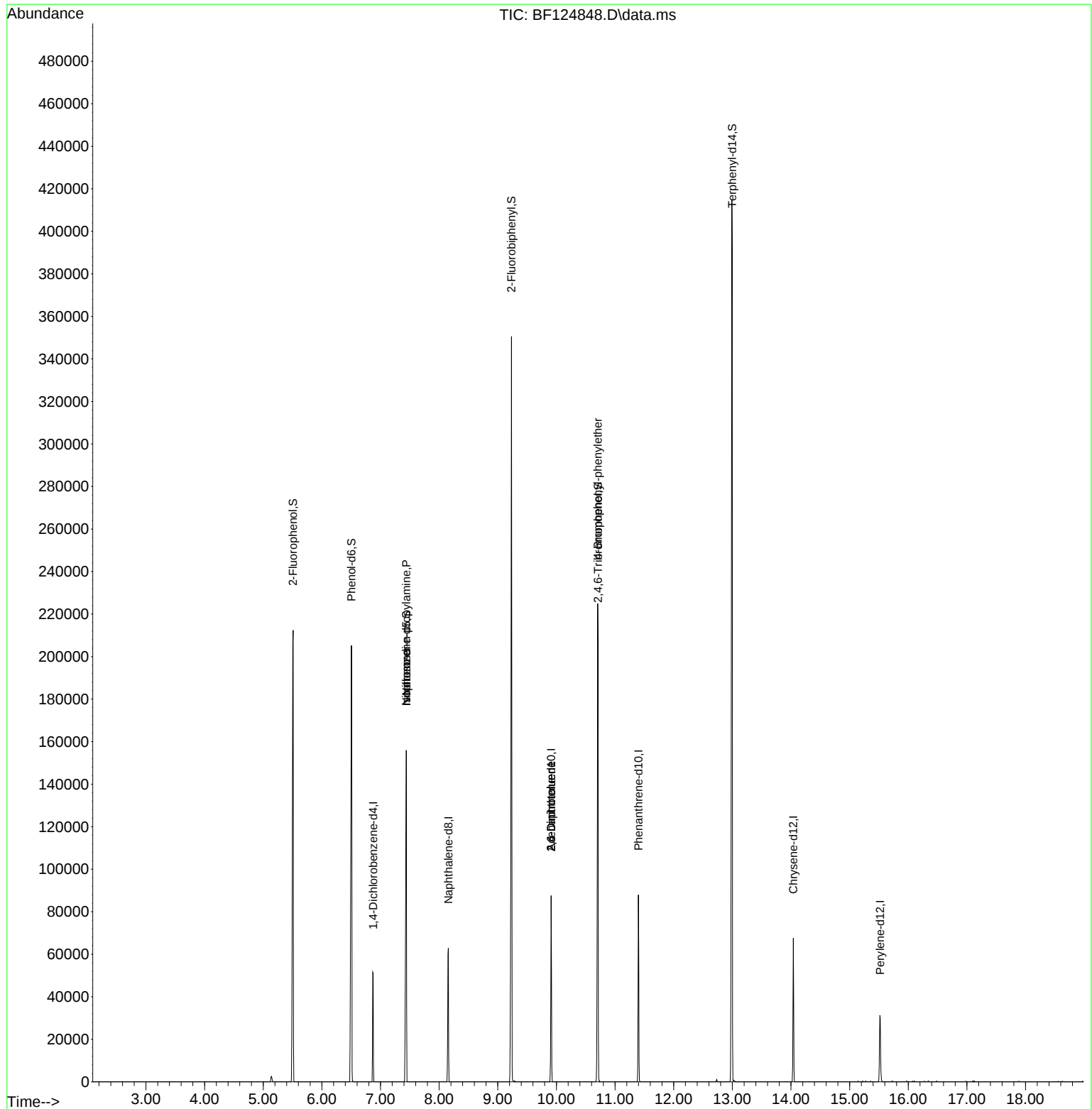
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	8066	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	30884	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	17908	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	32513	20.000	ng	0.00
76) Chrysene-d12	14.039	240	23913	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	18639	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	64708	135.831	ng	0.03
7) Phenol-d6	6.504	99	82102	137.473	ng	0.00
23) Nitrobenzene-d5	7.439	82	53302	102.720	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	26134	169.969	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	115885	95.045	ng	0.00
79) Terphenyl-d14	12.998	244	172911	123.947	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	7138	22.383	ng	# 61
25) Isophorone	7.439	82	52956	57.715	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2372	8.707	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2372	6.416	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	2116	6.137	ng	# 1

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

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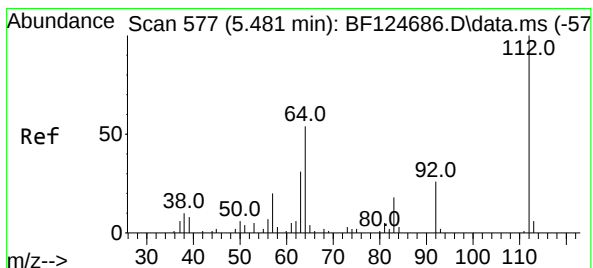
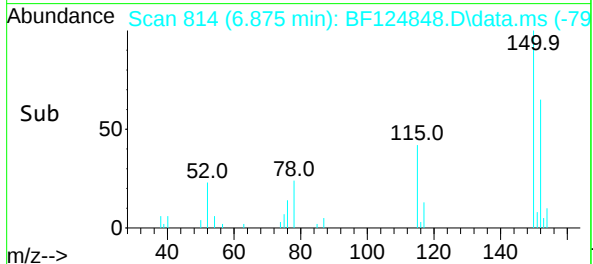
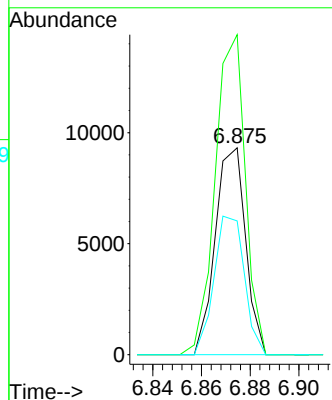
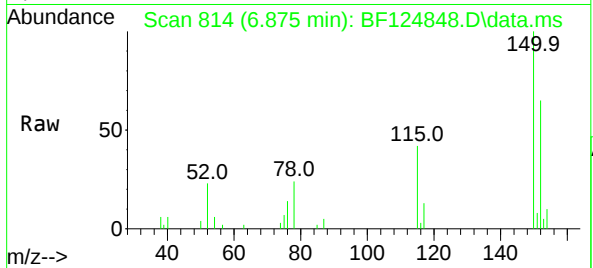




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

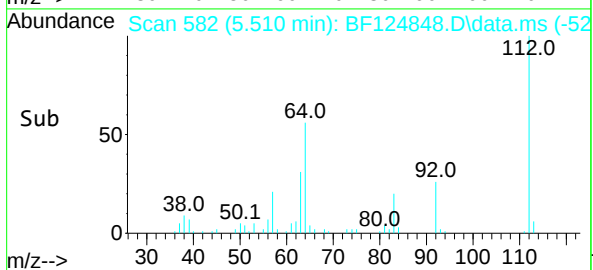
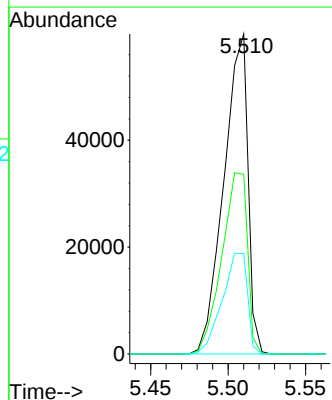
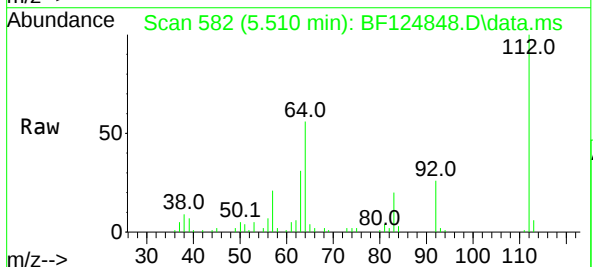
Instrument :
BNA_F
ClientSampleId :
PB138041BL

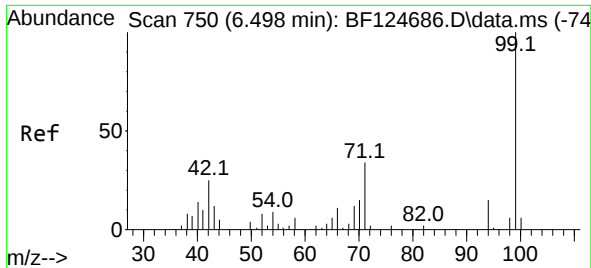
Tgt Ion:152 Resp: 8066
Ion Ratio Lower Upper
152 100
150 154.7 117.6 176.4
115 64.7 47.1 70.7



#5
2-Fluorophenol
Concen: 135.831 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.029 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

Tgt Ion:112 Resp: 64708
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.2
63 31.4 26.2 39.2

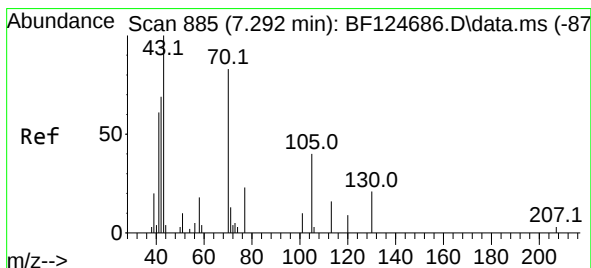
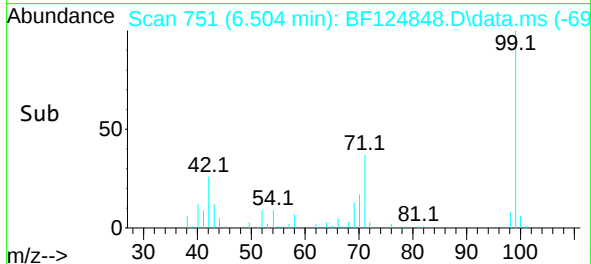
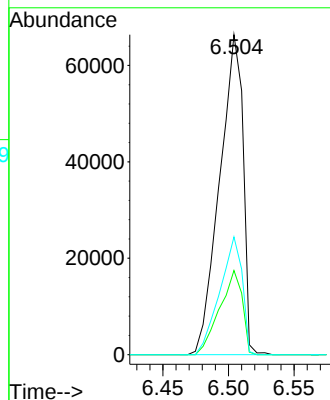
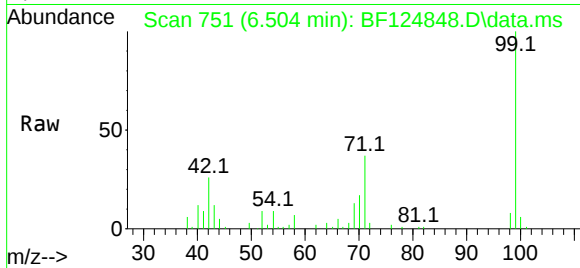




#7
Phenol-d6
Concen: 137.473 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

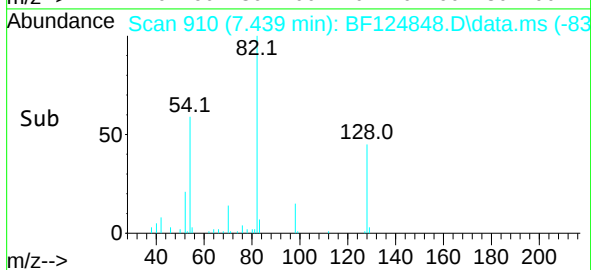
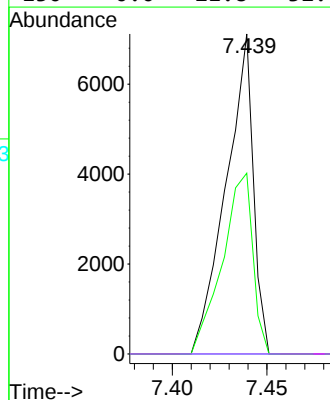
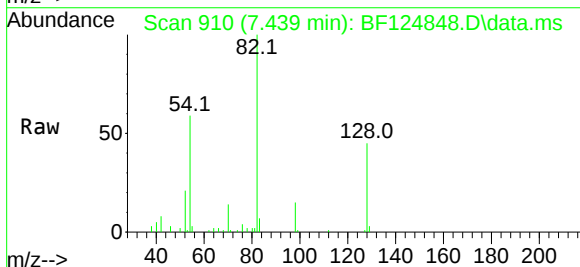
Instrument :
BNA_F
ClientSampled :
PB138041BL

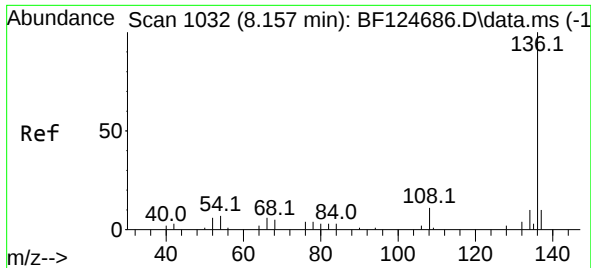
Tgt Ion:	99	Resp:	82102
Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.5	35.3
71	36.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.383 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

Tgt Ion:	70	Resp:	7138
Ion	Ratio	Lower	Upper
70	100		
42	56.5	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

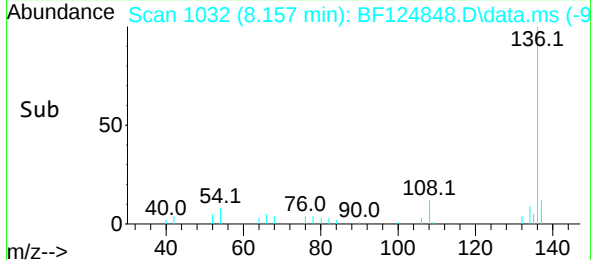
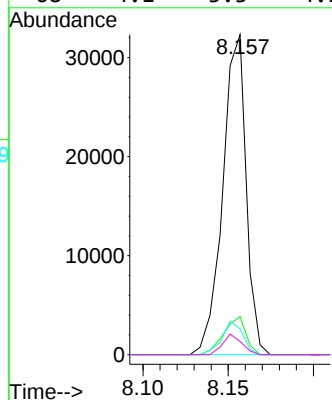
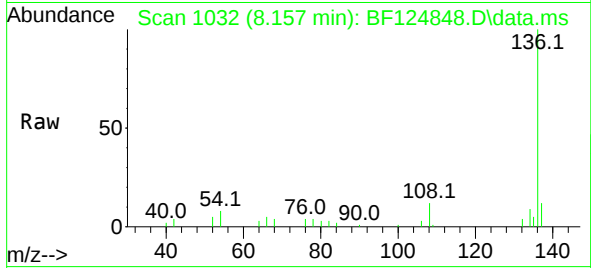




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

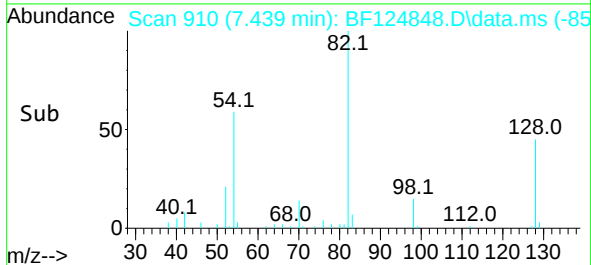
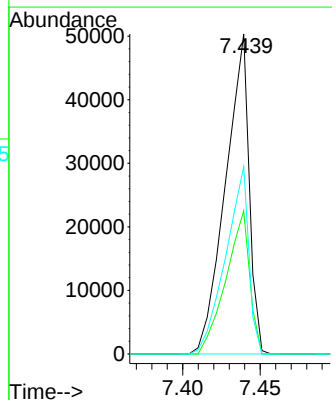
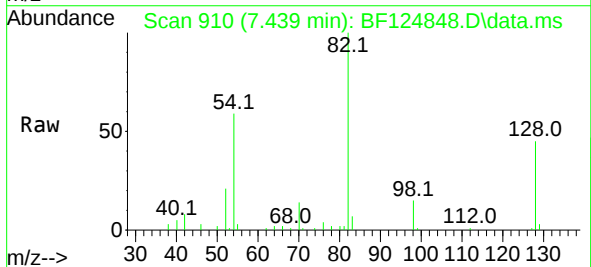
Instrument :
BNA_F
ClientSampleId :
PB138041BL

Tgt Ion:	136	Resp:	30884
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.8	14.6
54	8.1	6.4	9.6
68	4.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 102.720 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

Tgt Ion:	82	Resp:	53302
Ion Ratio	Lower	Upper	
82	100		
128	44.8	40.6	60.8
54	58.5	49.6	74.4

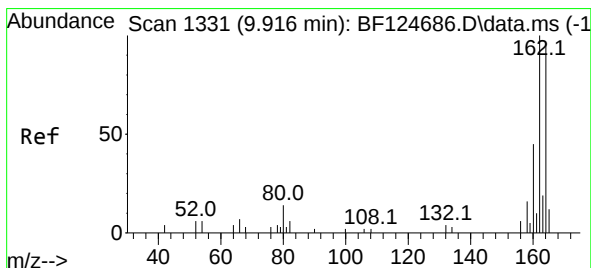
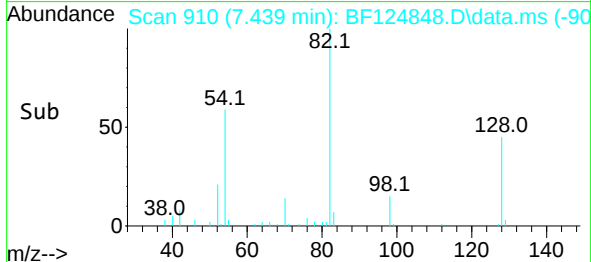
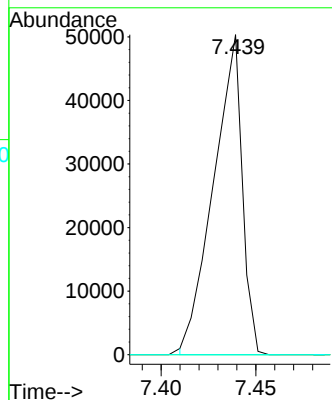
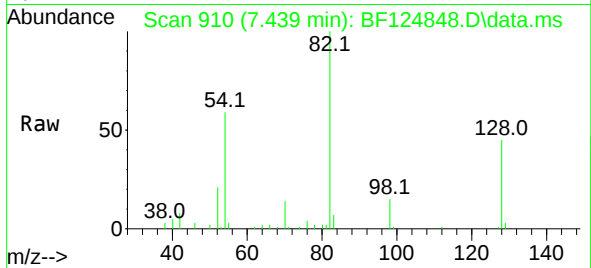




#25
Isophorone
Concen: 57.715 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

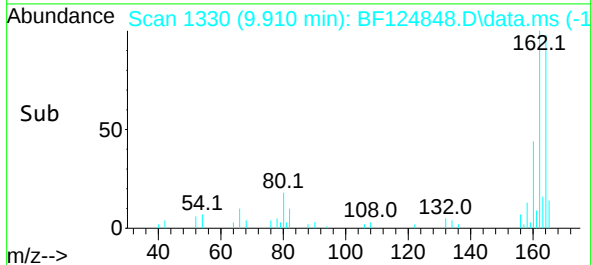
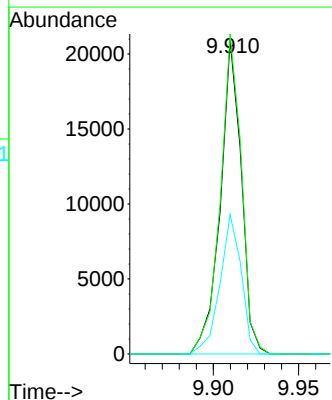
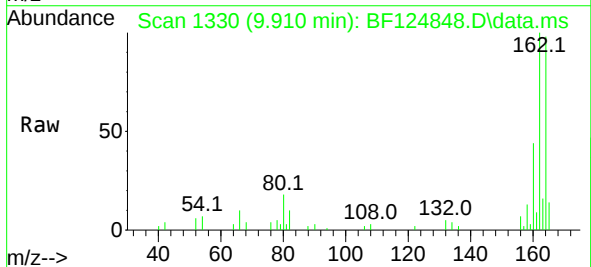
Instrument :
BNA_F
ClientSampleId :
PB138041BL

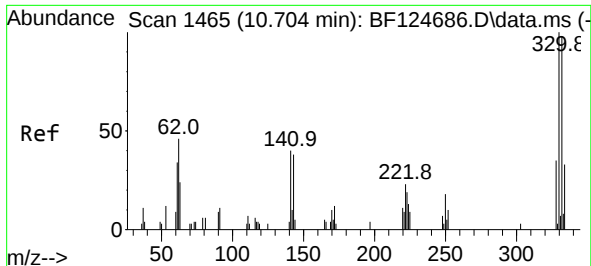
Tgt Ion: 82 Resp: 52956
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

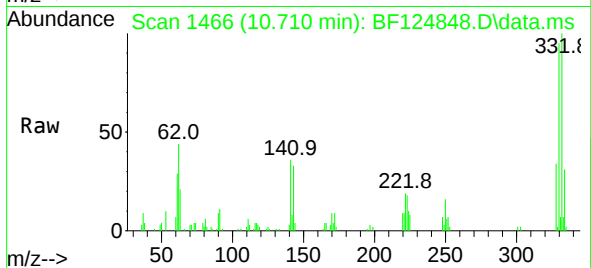
Tgt Ion: 164 Resp: 17908
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.4 38.0 57.0



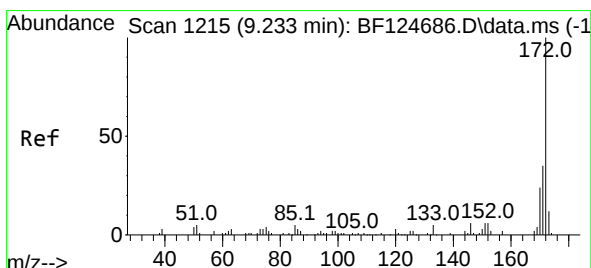
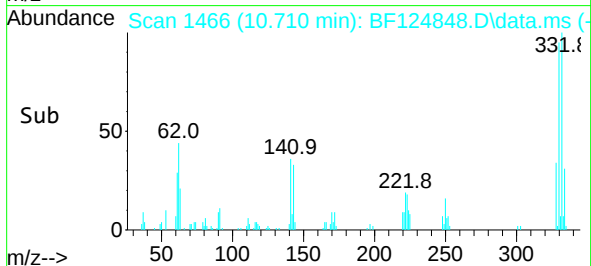
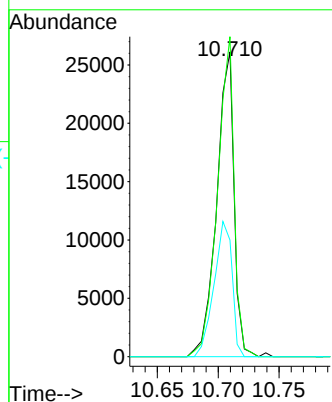


#42
2,4,6-Tribromophenol
Concen: 169.969 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

Instrument :
BNA_F
ClientSampleId :
PB138041BL

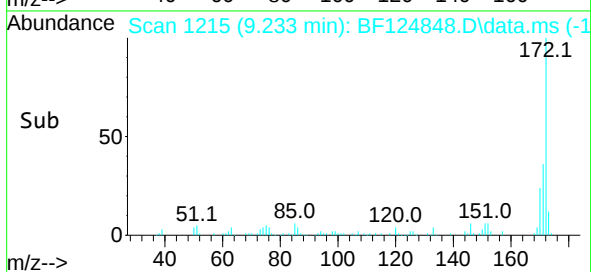
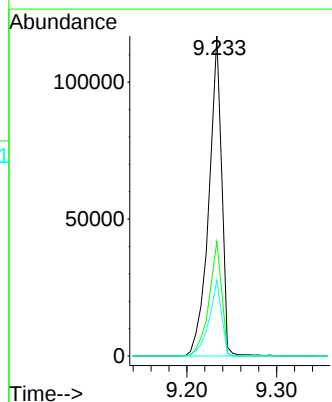
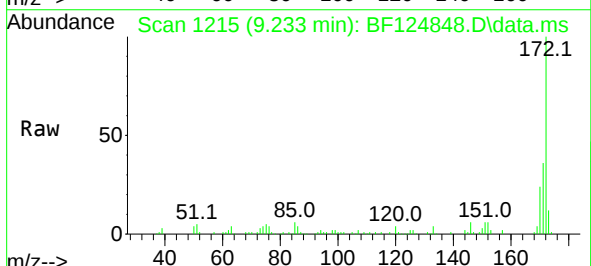


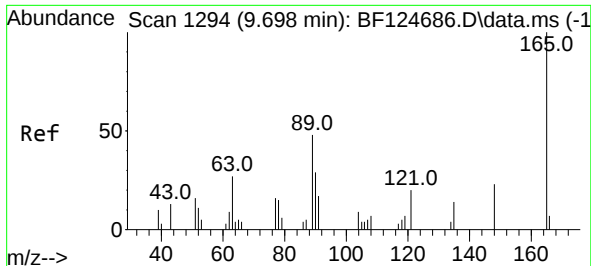
Tgt Ion:330 Resp: 26134
Ion Ratio Lower Upper
330 100
332 100.2 76.2 114.4
141 45.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 95.045 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

Tgt Ion:172 Resp: 115885
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.7 18.8 28.2

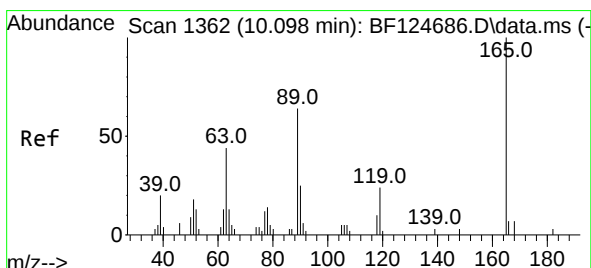
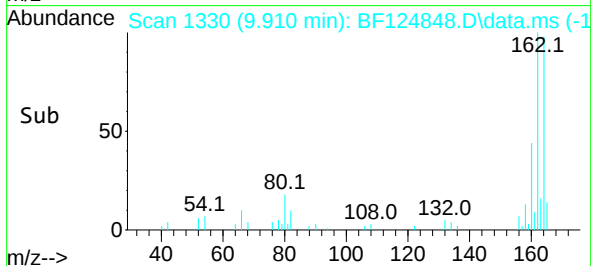
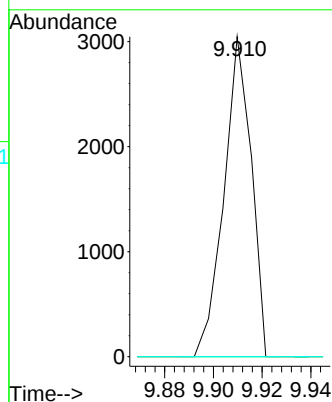
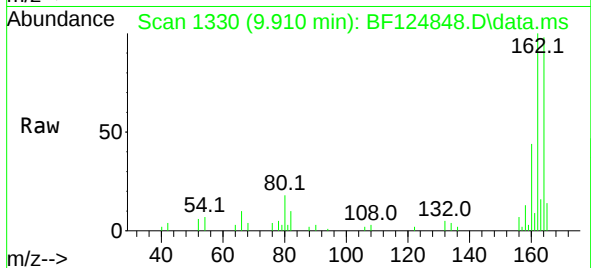




#51
2,6-Dinitrotoluene
Concen: 8.707 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

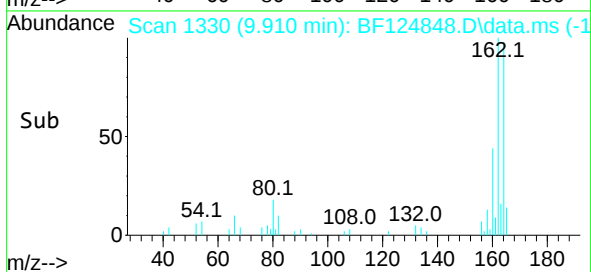
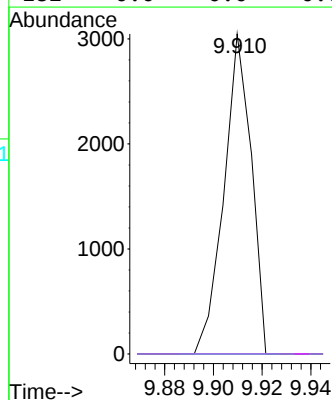
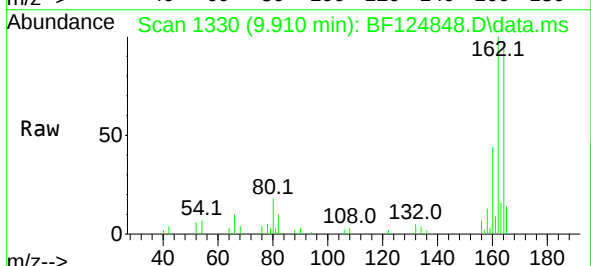
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BNA_F
ClientSampleId :
PB138041BL

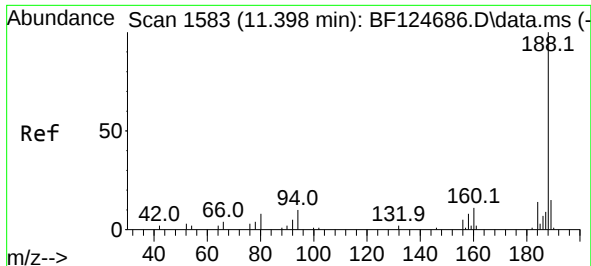
Tgt Ion:165 Resp: 2372
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.416 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

Tgt Ion:165 Resp: 2372
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

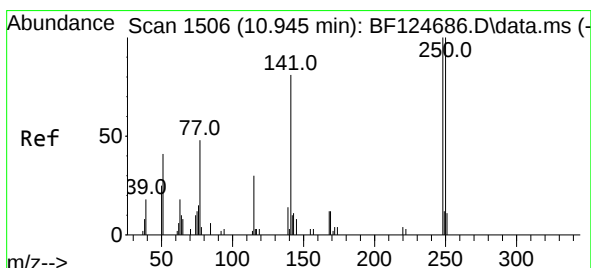
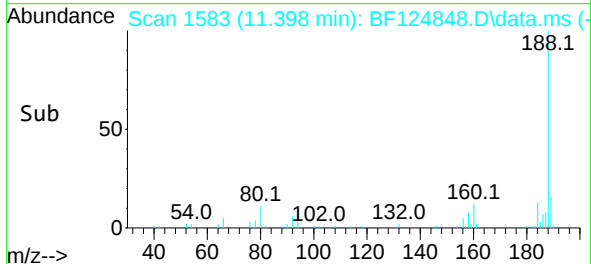
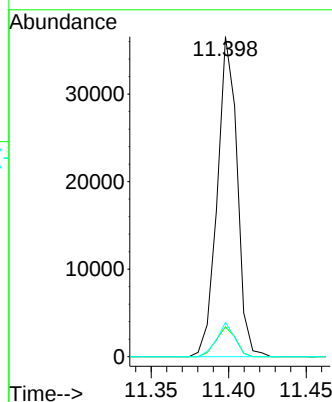
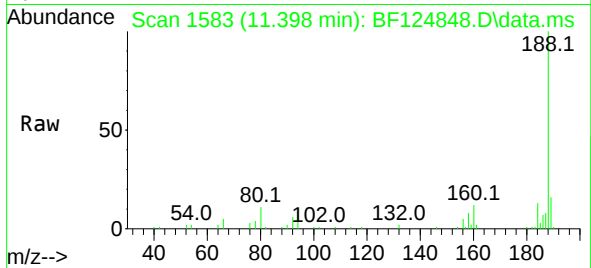




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

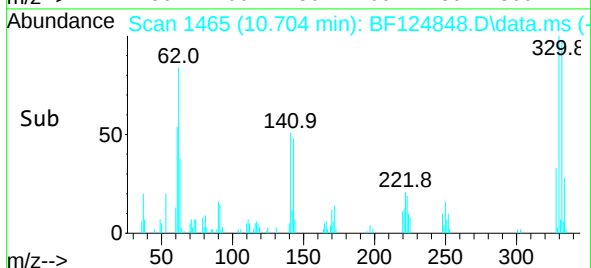
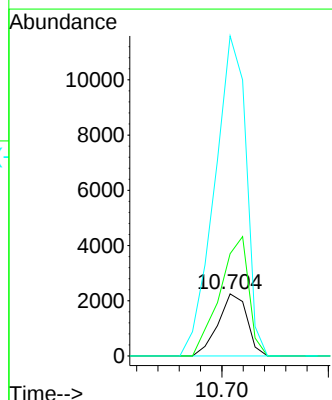
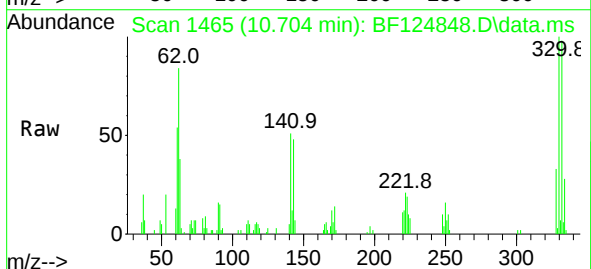
Instrument :
BNA_F
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PB138041BL

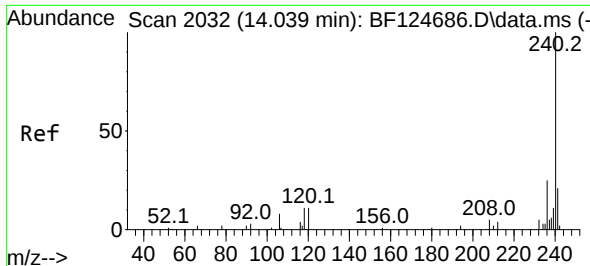
Tgt Ion:188 Resp: 32513
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 6.137 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

Tgt Ion:248 Resp: 2116
Ion Ratio Lower Upper
248 100
250 164.5 74.2 111.4#
141 514.9 60.4 90.6#

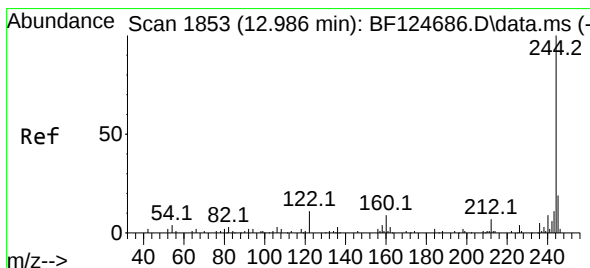
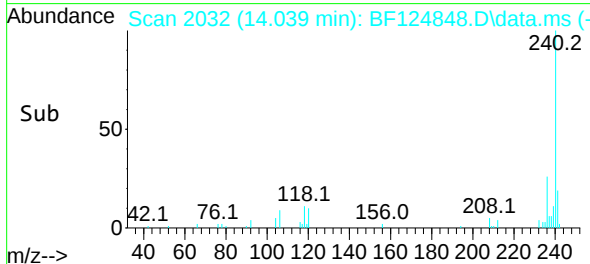
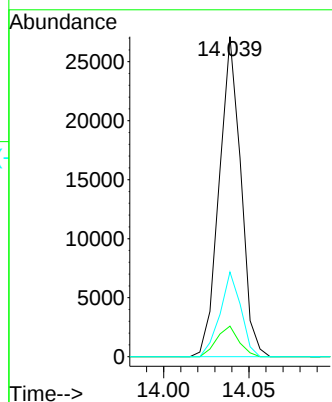
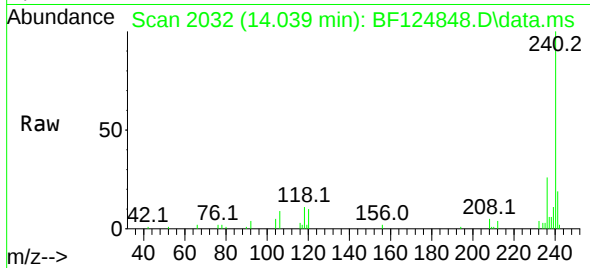




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

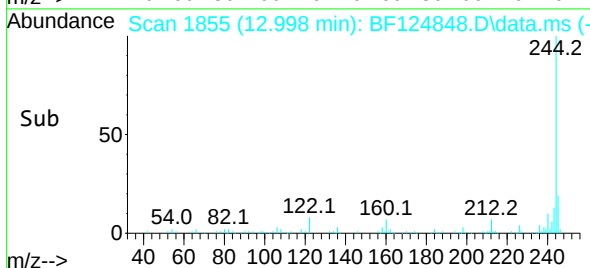
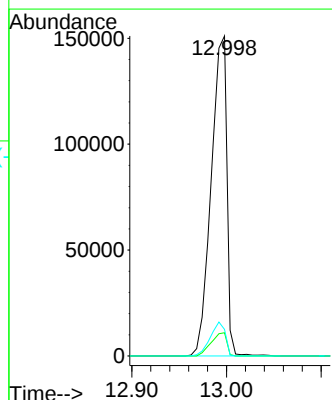
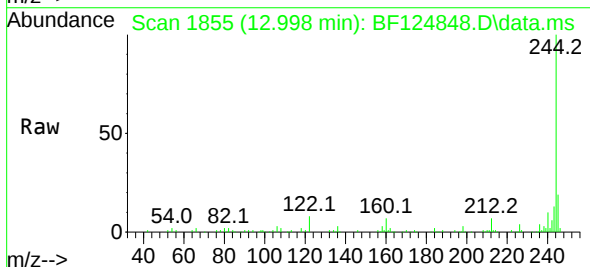
Instrument :
BNA_F
ClientSampleId :
PB138041BL

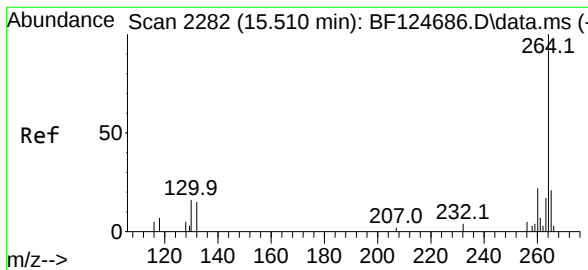
Tgt Ion:240 Resp: 23913
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 26.4 21.6 32.4



#79
Terphenyl-d14
Concen: 123.947 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.012 min
Lab File: BF124848.D
Acq: 29 Jul 2021 13:14

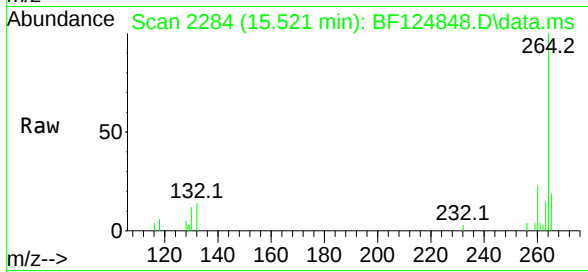
Tgt Ion:244 Resp: 172911
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.3 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.012 min
 Lab File: BF124848.D
 Acq: 29 Jul 2021 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB138041BL



Tgt Ion:	264	Resp:	18639
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.6	29.4
265	19.4	17.2	25.8

