

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124718.D
 Acq On : 23 Jul 2021 17:58
 Operator : JU/CG
 Sample : M3152-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VAULT-B

Quant Time: Jul 23 18:32:27 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)

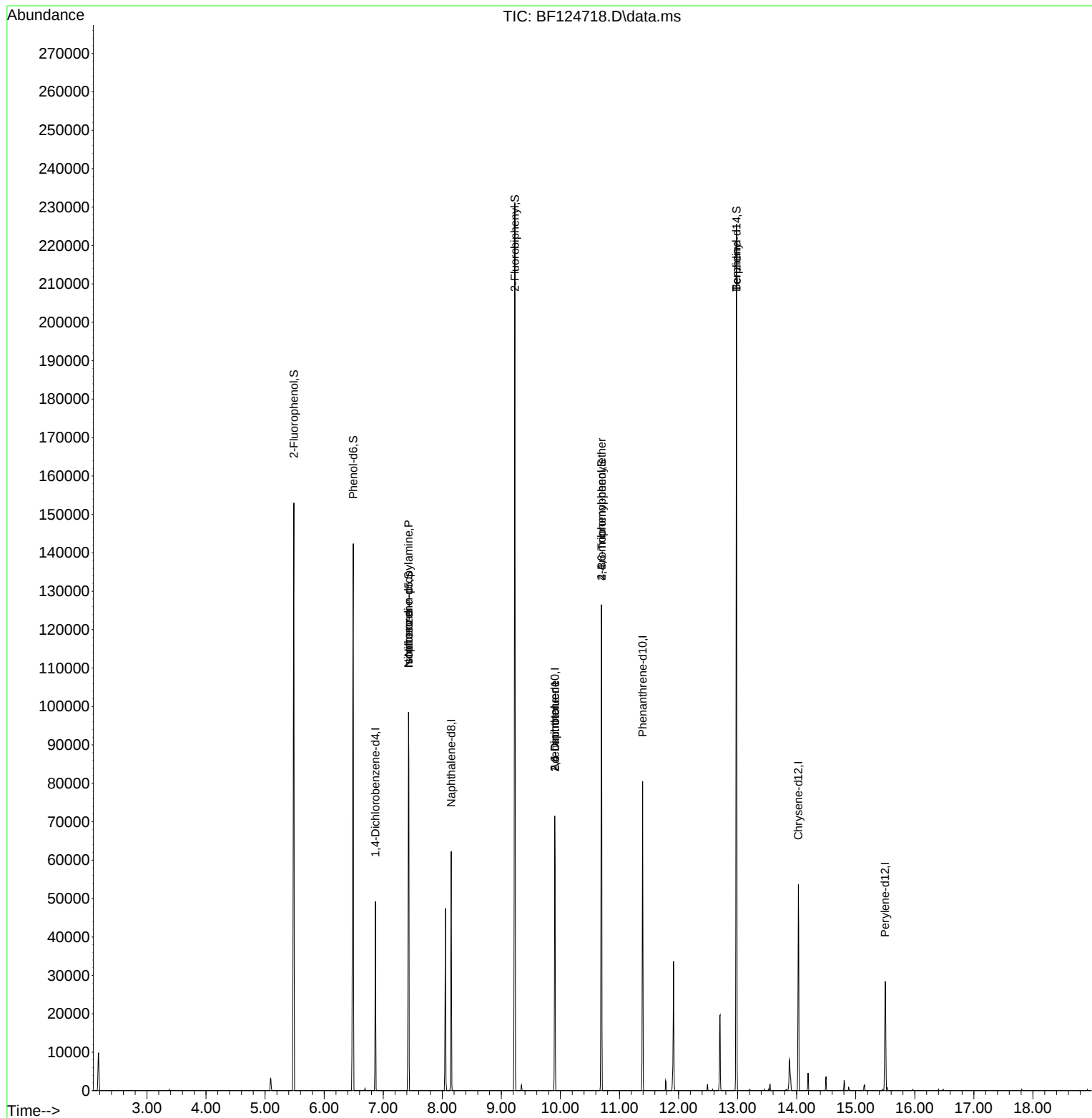
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6918	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	27395	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	15220	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	27283	20.000	ng	0.00
76) Chrysene-d12	14.027	240	19182	20.000	ng	-0.01
86) Perylene-d12	15.498	264	15054	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	41547	101.685	ng	0.00
7) Phenol-d6	6.493	99	49281	96.210	ng	0.00
23) Nitrobenzene-d5	7.428	82	31152	67.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	13695	104.799	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	68819	66.411	ng	0.00
79) Terphenyl-d14	12.980	244	73367	65.562	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	4413	16.134	ng	# 72
25) Isophorone	7.428	82	31150	38.273	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1860	8.034	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1860	5.920	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1035	3.577	ng	# 1
77) Benzidine	12.980	184	1229	2.272	ng	# 69

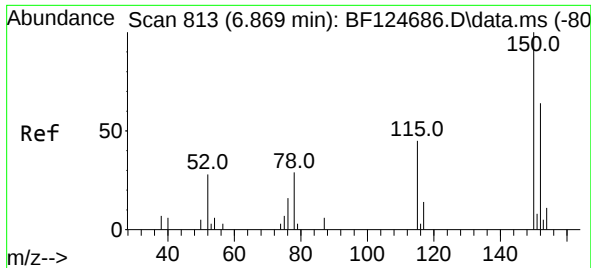
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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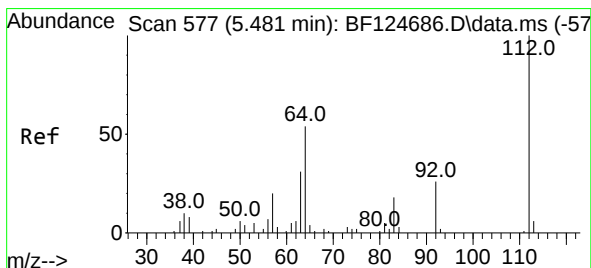
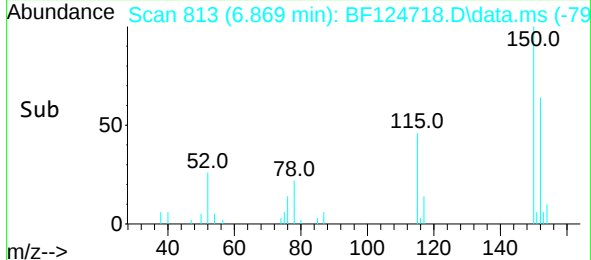
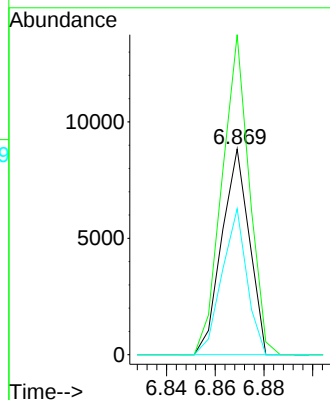
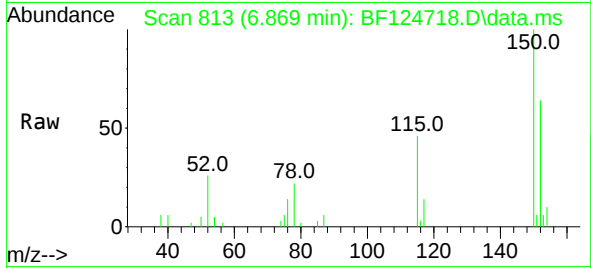




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

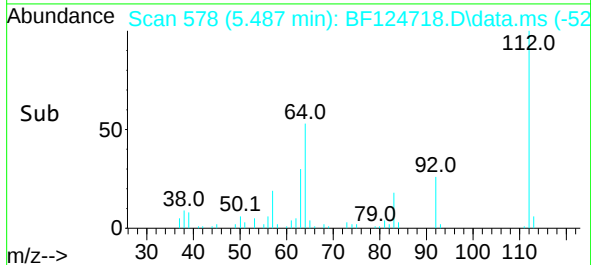
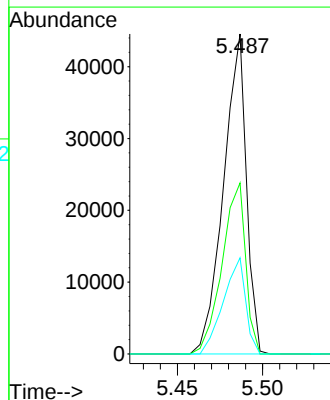
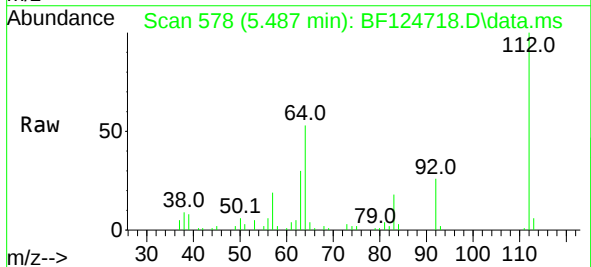
Instrument :
BNA_F
ClientSampleId :
VAULT-B

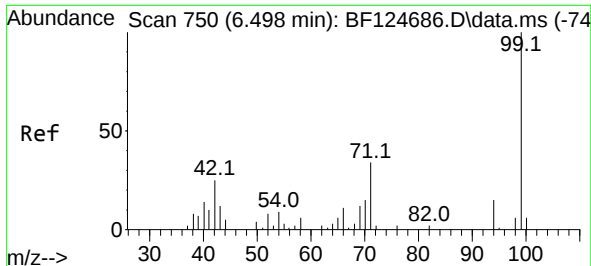
Tgt Ion:152 Resp: 6918
Ion Ratio Lower Upper
152 100
150 155.6 117.6 176.4
115 70.9 47.1 70.7#



#5
2-Fluorophenol
Concen: 101.685 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion:112 Resp: 41547
Ion Ratio Lower Upper
112 100
64 53.4 44.2 66.2
63 30.1 26.2 39.2

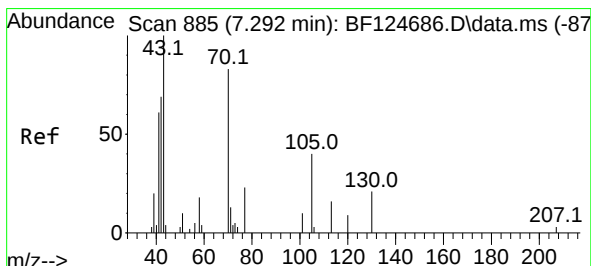
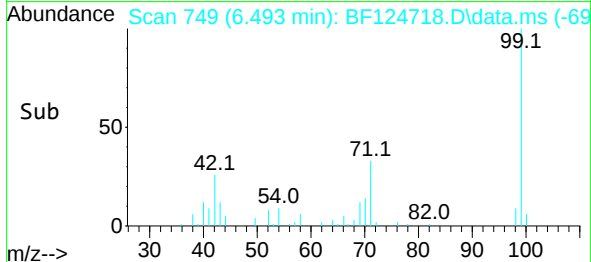
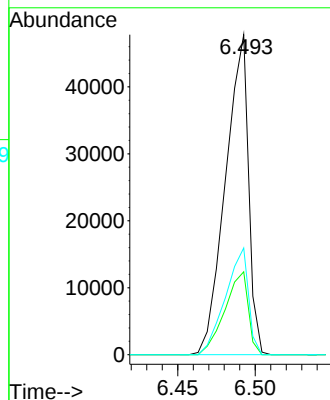
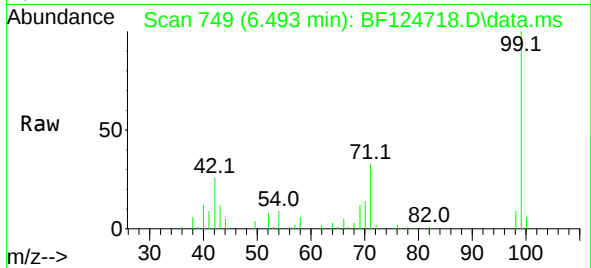




#7
Phenol-d6
Concen: 96.210 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

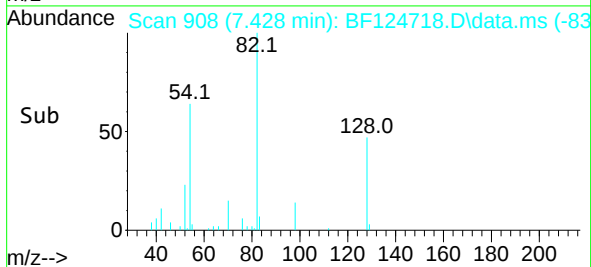
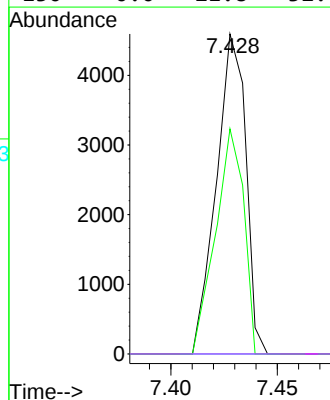
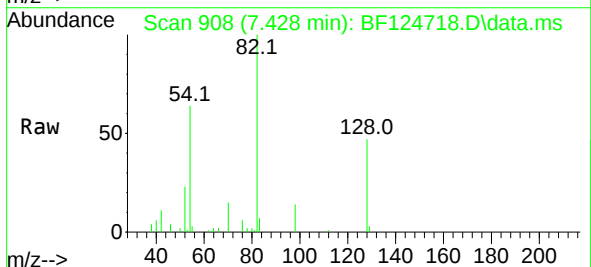
Instrument :
BNA_F
ClientSampleId :
VAULT-B

Tgt Ion:	99	Resp:	49281
Ion	Ratio	Lower	Upper
99	100		
42	25.9	23.5	35.3
71	33.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.134 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion:	70	Resp:	4413
Ion	Ratio	Lower	Upper
70	100		
42	70.4	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

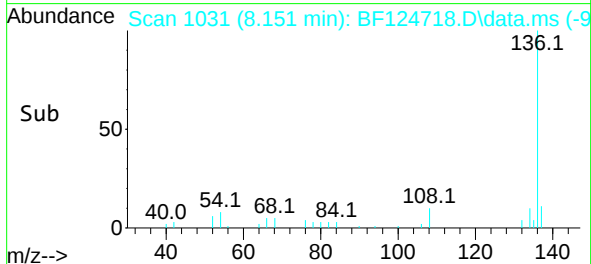
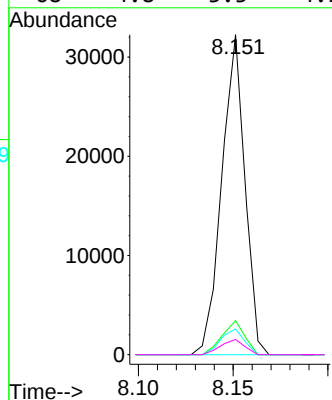
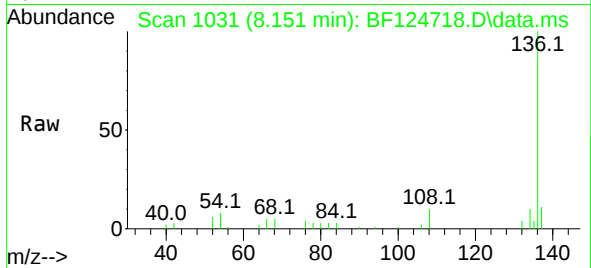




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

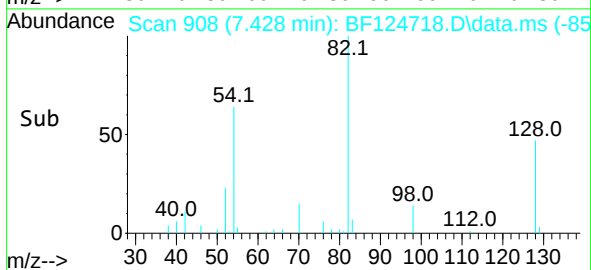
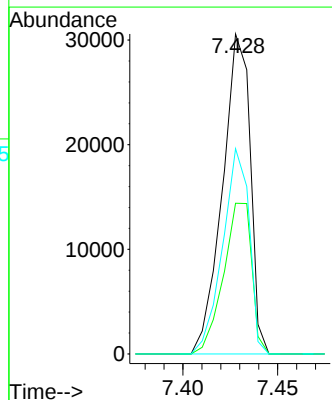
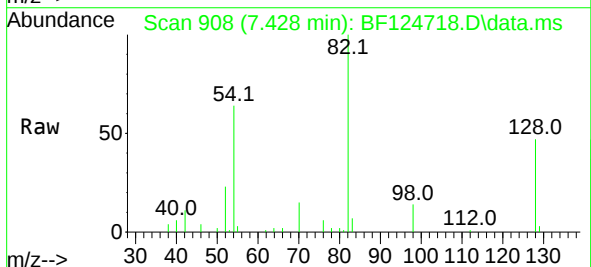
Instrument :
BNA_F
ClientSampleId :
VAULT-B

Tgt Ion:136	Resp:	27395
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.8 14.6
54	8.1	6.4 9.6
68	4.8	3.3 4.9



#23
Nitrobenzene-d5
Concen: 67.680 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion: 82	Resp:	31152
Ion Ratio	Lower	Upper
82	100	
128	47.1	40.6 60.8
54	64.1	49.6 74.4

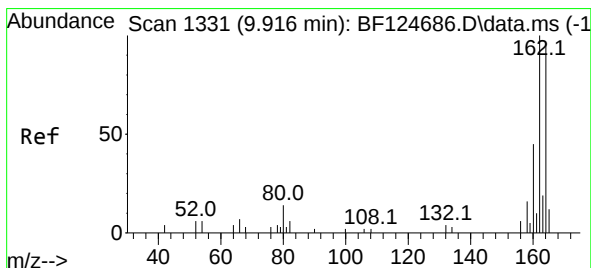
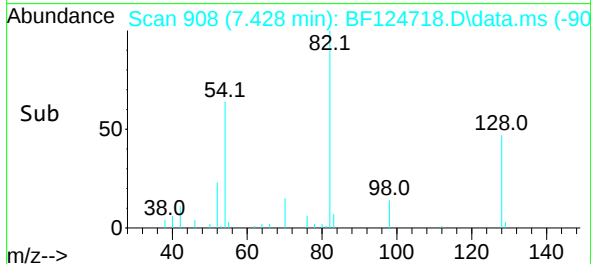
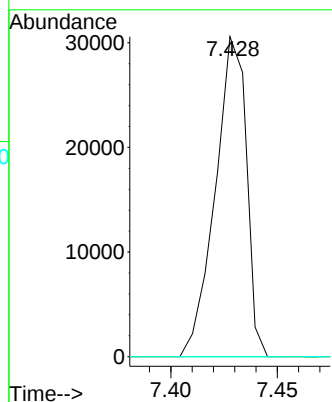
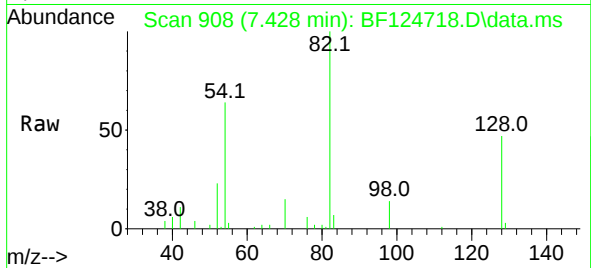




#25
Isophorone
Concen: 38.273 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

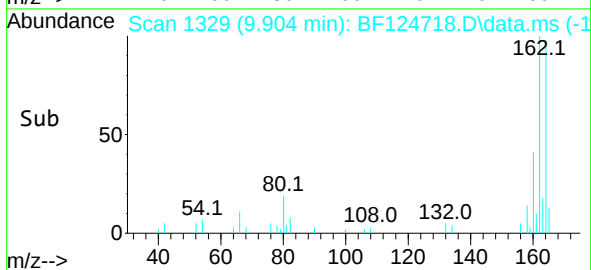
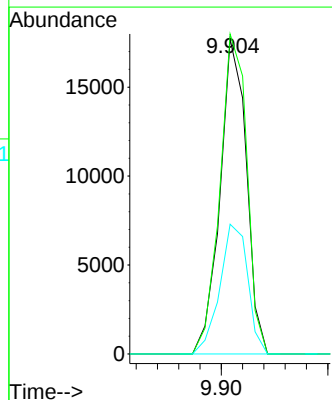
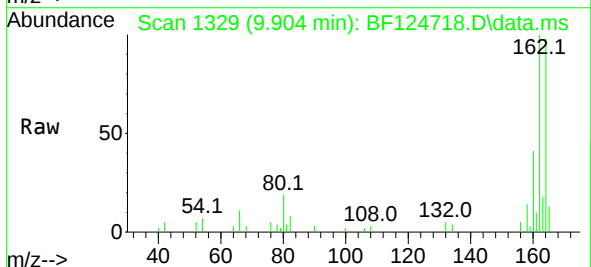
Instrument :
BNA_F
ClientSampleId :
VAULT-B

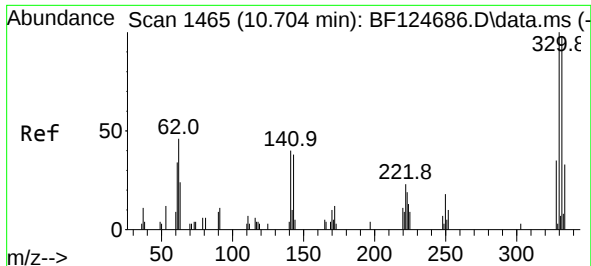
Tgt Ion: 82 Resp: 31150
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion:164 Resp: 15220
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 41.2 38.0 57.0

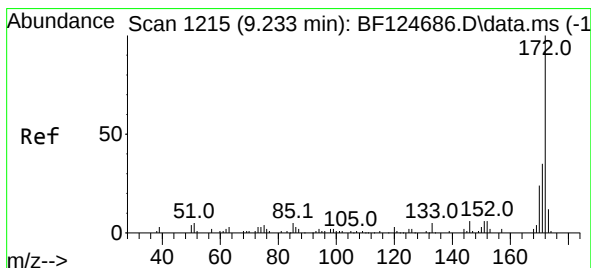
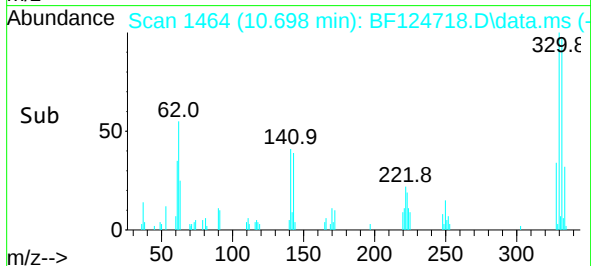
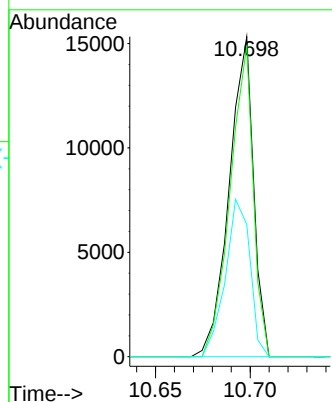
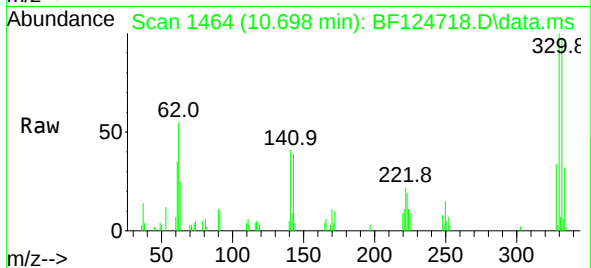




#42
2,4,6-Tribromophenol
Concen: 104.799 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

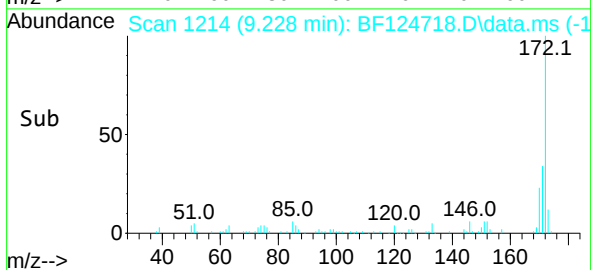
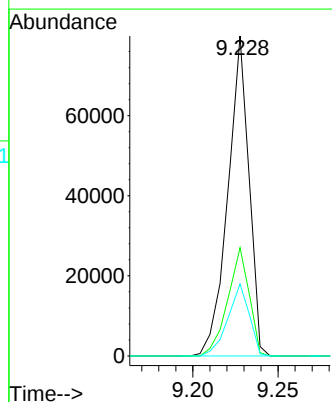
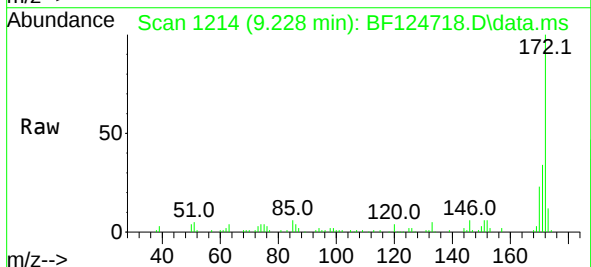
Instrument :
BNA_F
ClientSampleId :
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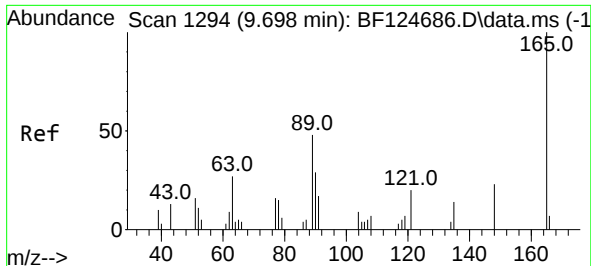
Tgt Ion: 330 Resp: 13695
Ion Ratio Lower Upper
330 100
332 92.6 76.2 114.4
141 49.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 66.411 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion: 172 Resp: 68819
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 22.5 18.8 28.2

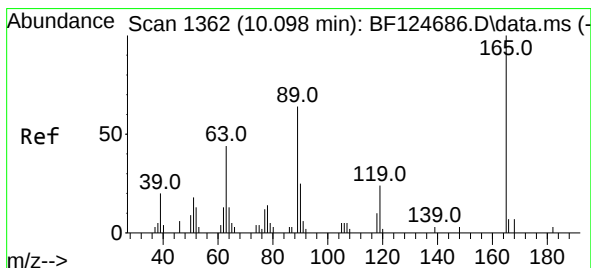
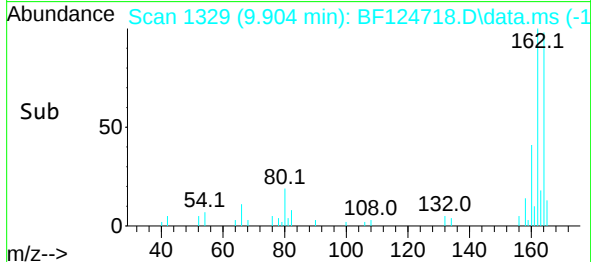
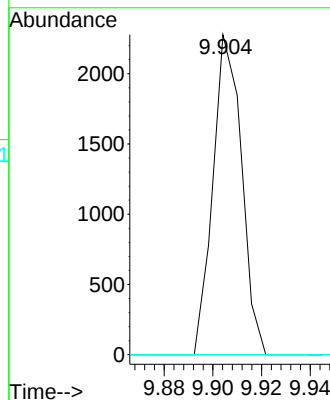
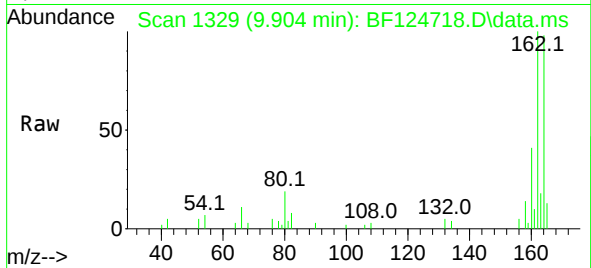




#51
2,6-Dinitrotoluene
Concen: 8.034 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

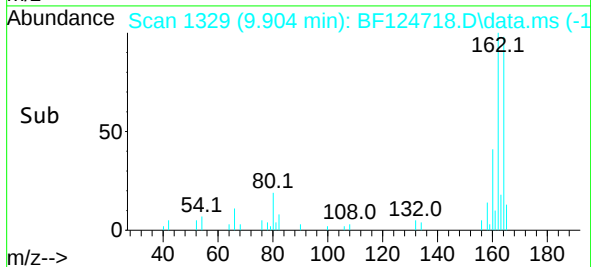
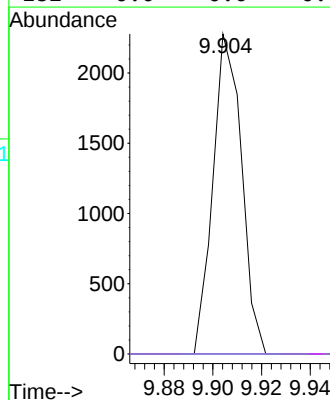
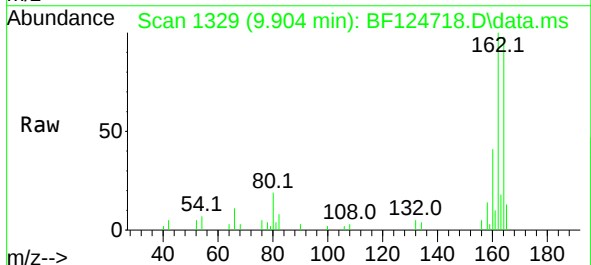
Instrument :
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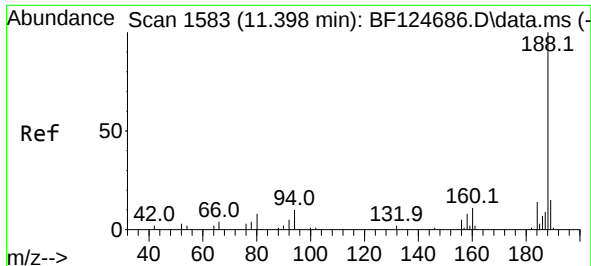
Tgt Ion:165 Resp: 1860
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.920 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion:165 Resp: 1860
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

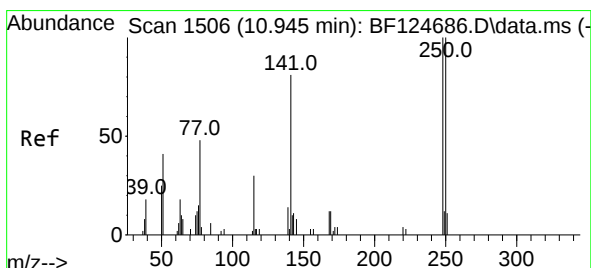
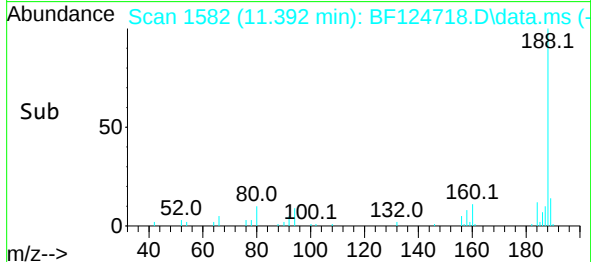
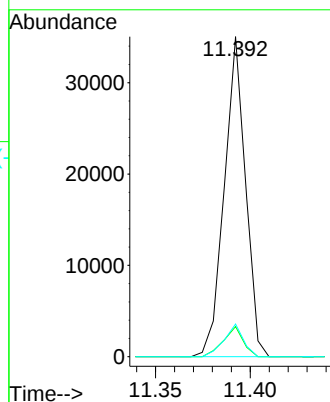
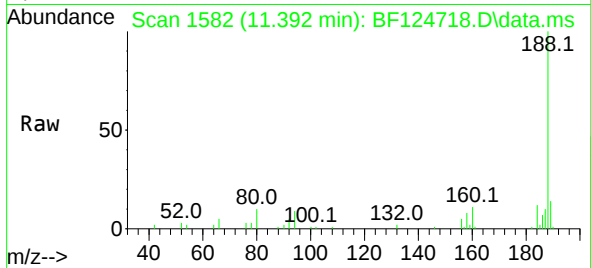




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

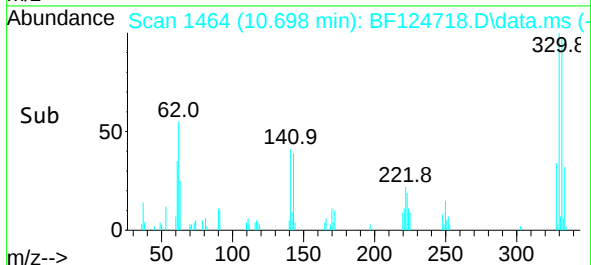
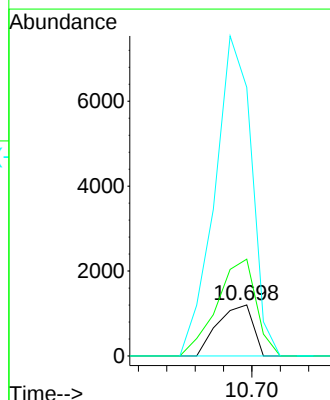
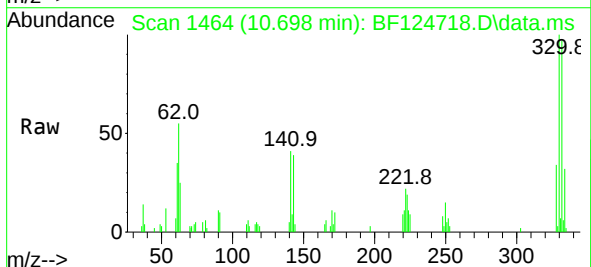
Instrument :
BNA_F
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VAULT-B

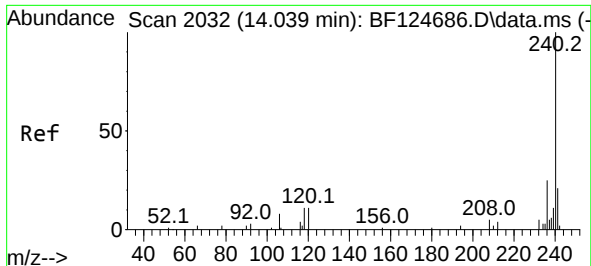
Tgt Ion:188 Resp: 27283
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.577 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion:248 Resp: 1035
Ion Ratio Lower Upper
248 100
250 190.0 74.2 111.4#
141 527.1 60.4 90.6#

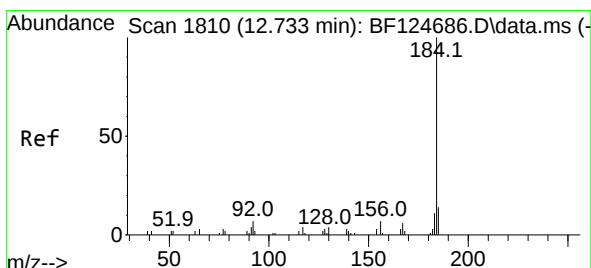
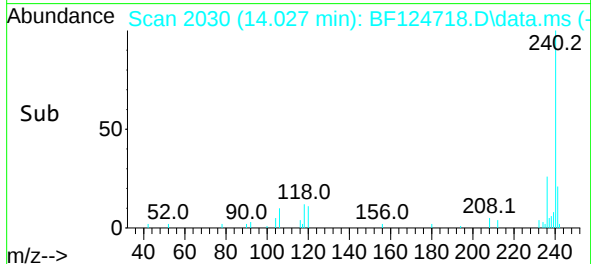
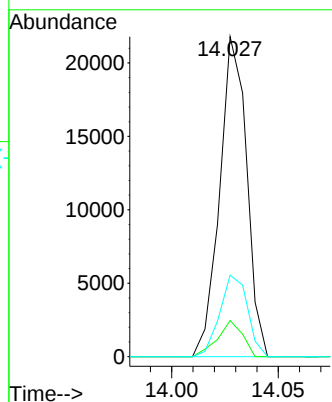
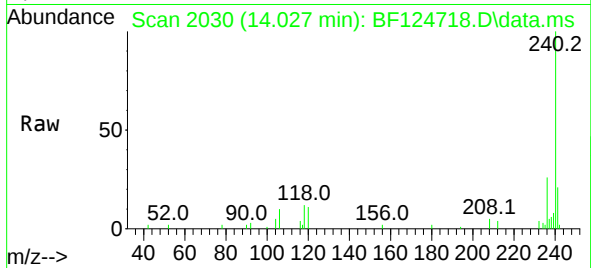




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

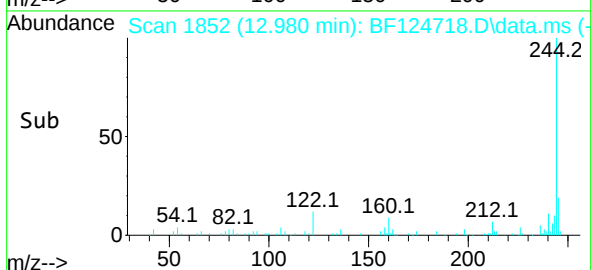
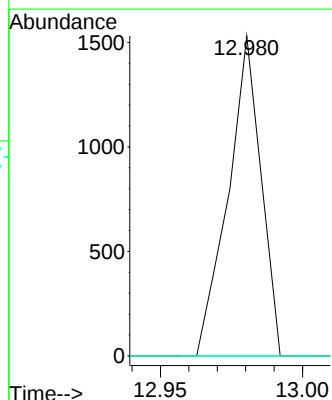
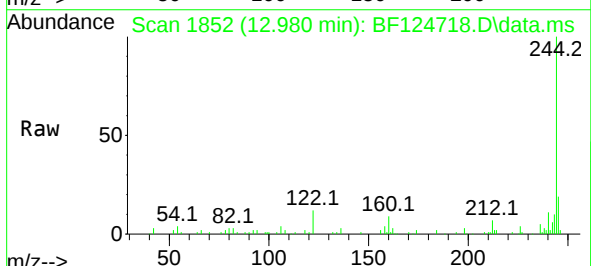
Instrument :
BNA_F
ClientSampleId :
VAULT-B

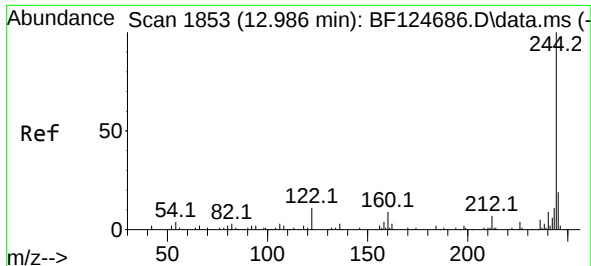
Tgt Ion:240 Resp: 19182
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 25.5 21.6 32.4



#77
Benzidine
Concen: 2.272 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion:184 Resp: 1229
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

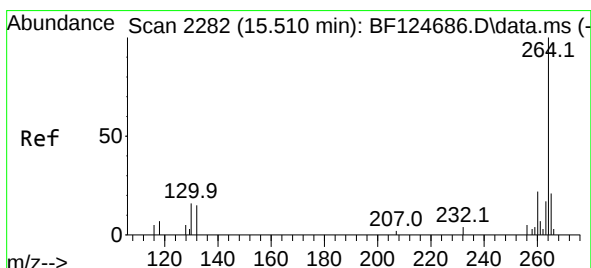
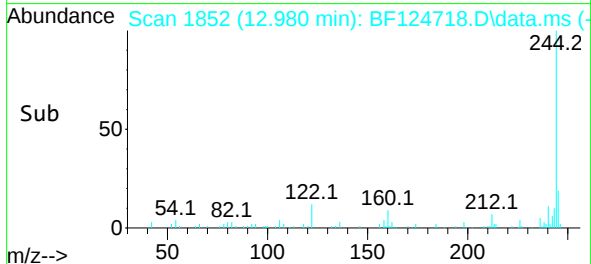
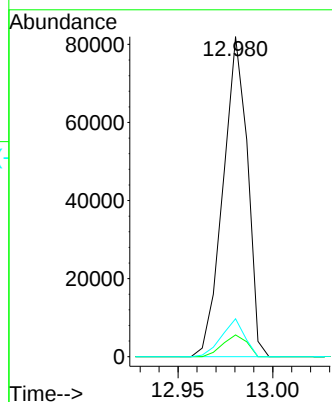
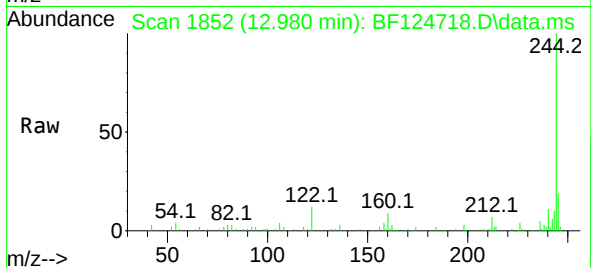




#79
Terphenyl-d14
Concen: 65.562 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Instrument :
BNA_F
ClientSampleId :
VAULT-B

Tgt Ion:244 Resp: 73367
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124718.D
Acq: 23 Jul 2021 17:58

Tgt Ion:264 Resp: 15054
Ion Ratio Lower Upper
264 100
260 22.4 19.6 29.4
265 22.1 17.2 25.8

