

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
 Data File : BF124515.D
 Acq On : 1 Jul 2021 17:07
 Operator : JU/CG
 Sample : M2875-10DL2 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Quant Time: Jul 01 17:36:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 14:15:13 2021
 Response via : Initial Calibration

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

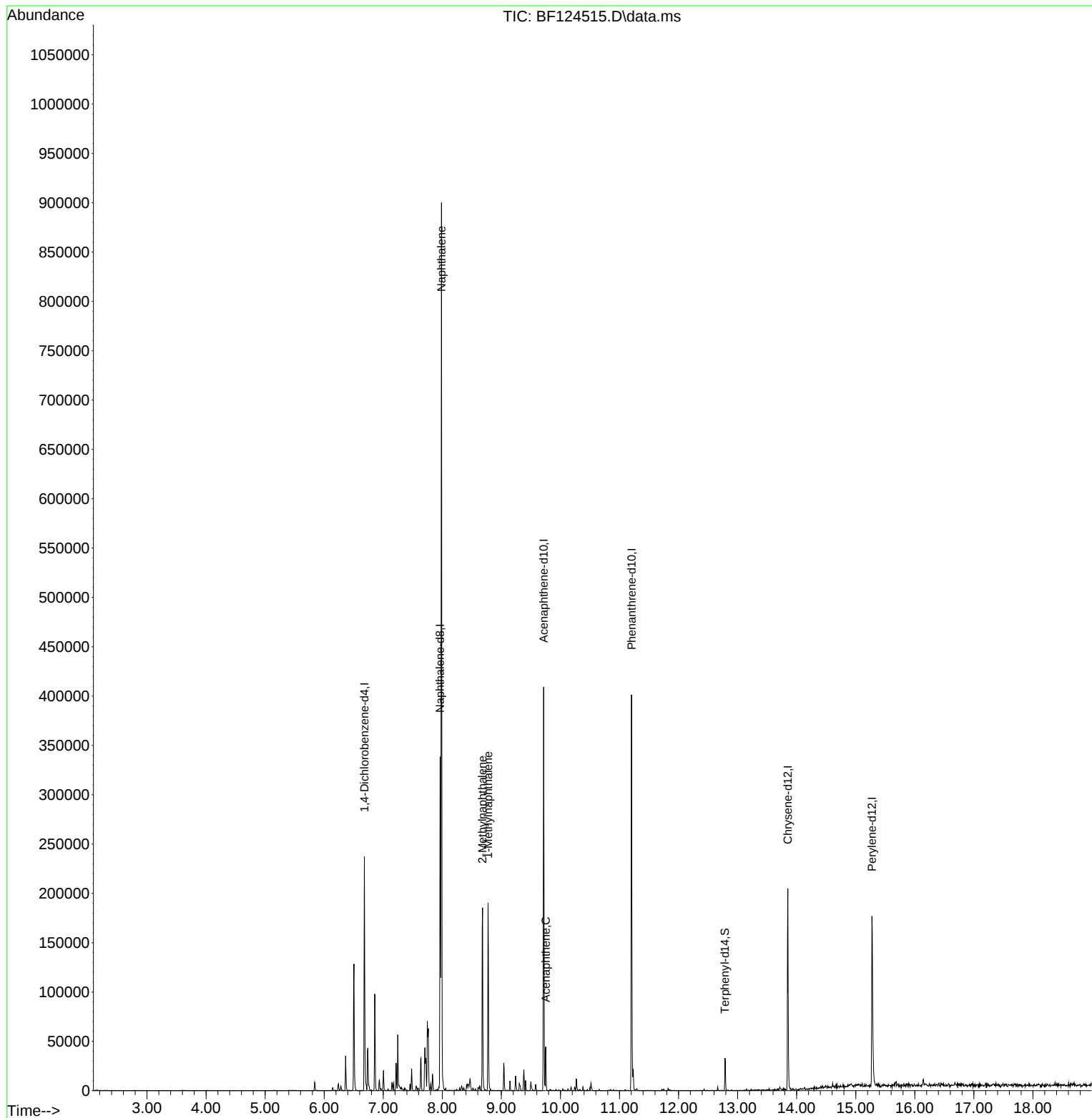
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	31119	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	119902	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	74224	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	133008	20.000	ng	0.00
76) Chrysene-d12	13.851	240	69273	20.000	ng	# 0.00
86) Perylene-d12	15.274	264	75314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	7.269	82	4204	1.454	ng	0.01
42) 2,4,6-Tribromophenol	10.516	330	1745	1.968	ng	0.00
45) 2-Fluorobiphenyl	9.045	172	9516	1.571	ng	0.00
79) Terphenyl-d14	12.786	244	12078	2.611	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	7.987	128	319525	45.295	ng	99
37) 2-Methylnaphthalene	8.681	142	46563	9.328	ng	99
38) 1-Methylnaphthalene	8.775	142	42242	9.098	ng	91
52) Acenaphthene	9.751	154	10473	2.211	ng	# 82

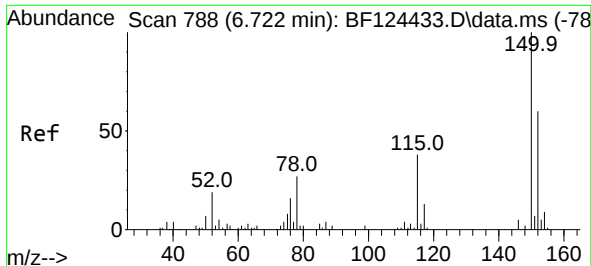
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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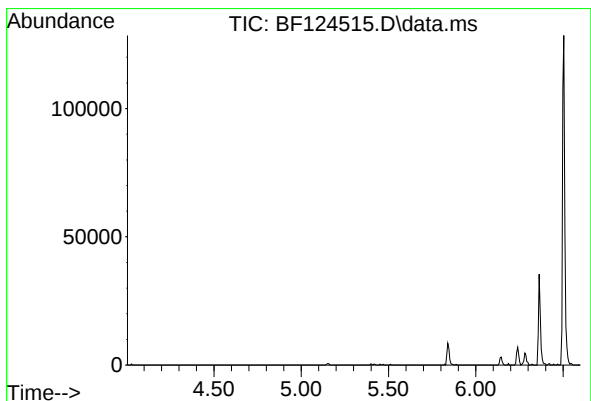
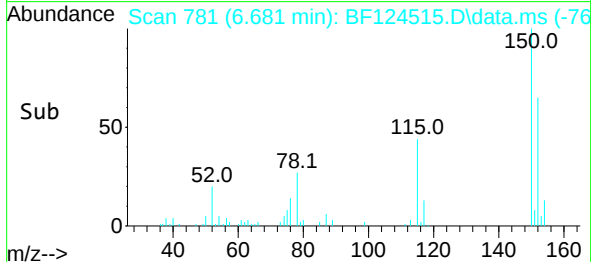
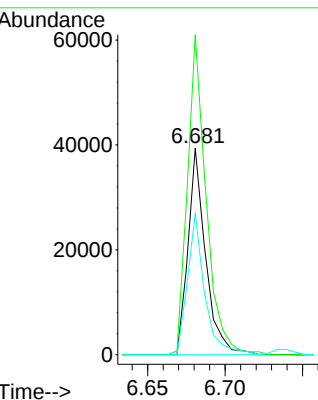
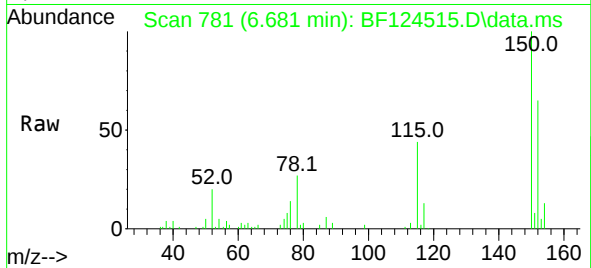




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.681 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: BF124515.D
 Acq: 1 Jul 2021 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

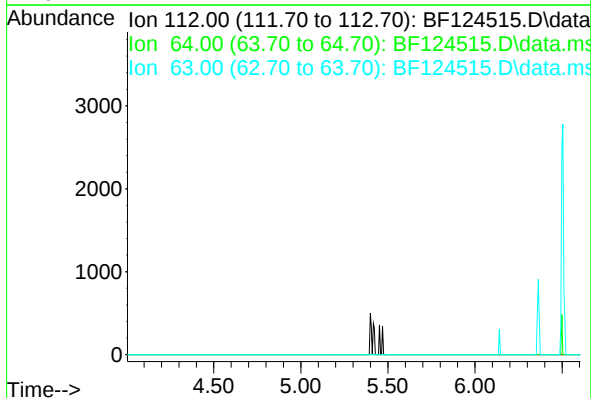
Tgt Ion:	152	Resp:	31119
Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.0	190.6
115	68.3	54.3	81.5

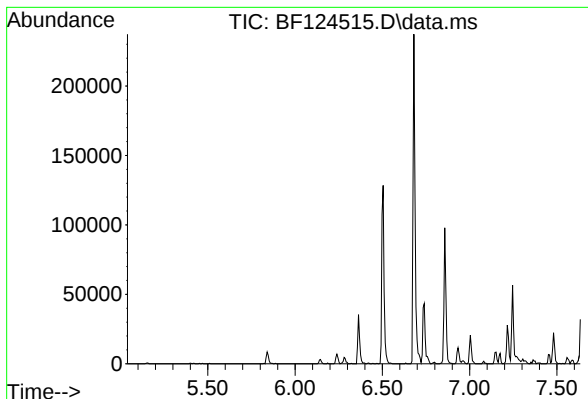


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.30 min

 Lab File: BF124515.D
 Acq: 1 Jul 2021 17:07

Tgt Ion:	112
Sig	Exp Ratio
112	100
64	76.7
63	41.2





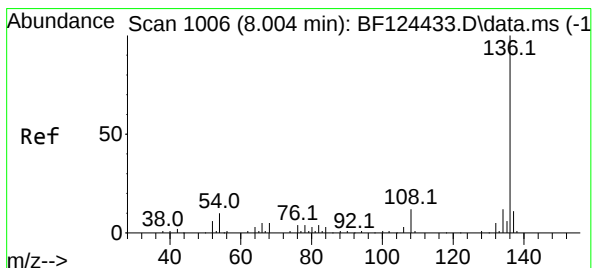
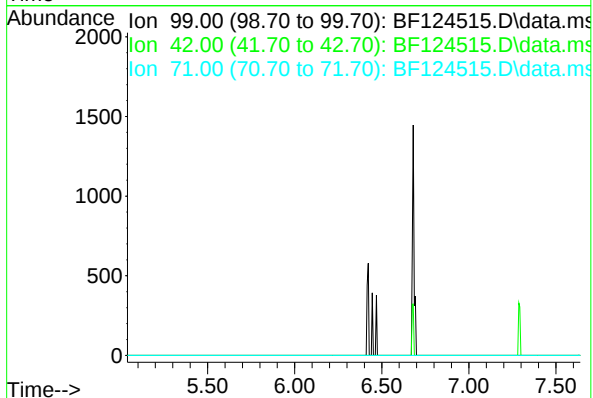
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.34 min

 Lab File: BF124515.D
 Acq: 1 Jul 2021 17:07

 Tgt Ion: 99

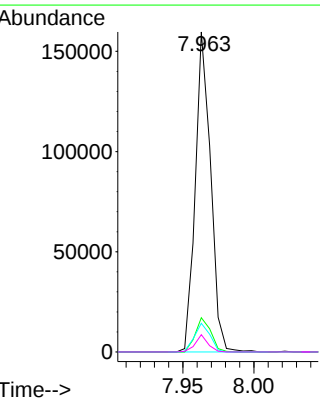
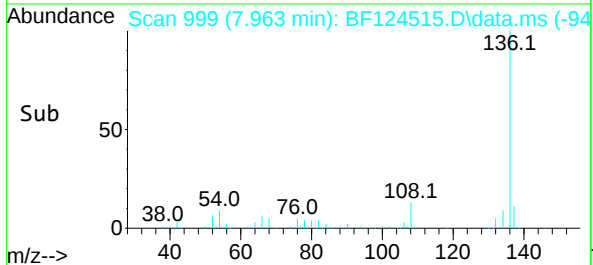
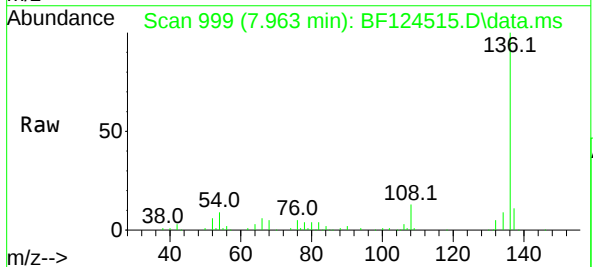
Sig	Exp Ratio
99	100
42	24.8
71	38.9

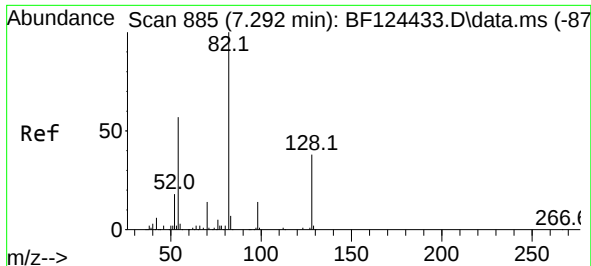
Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.963 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: BF124515.D
 Acq: 1 Jul 2021 17:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.0	9.8	14.6
68	5.4	4.1	6.1

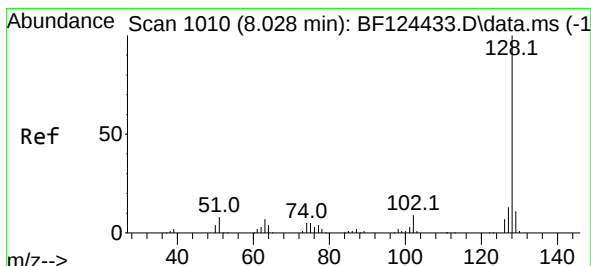
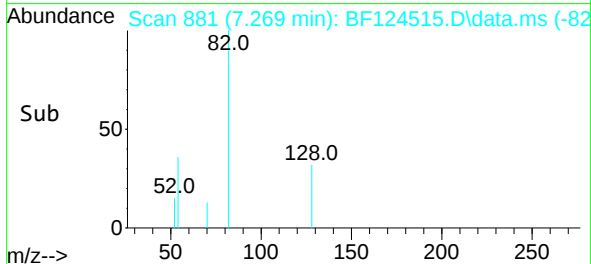
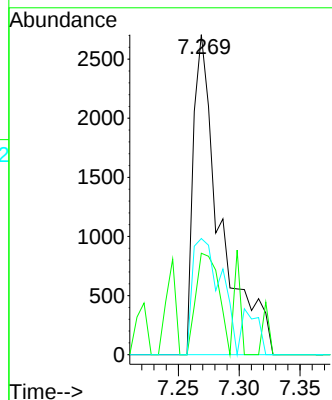
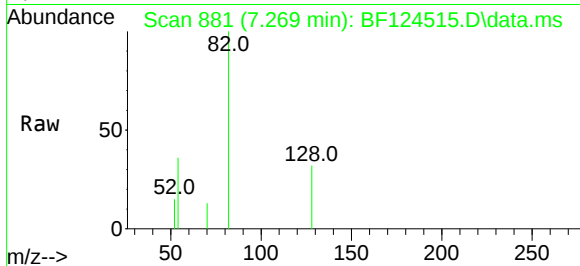




#23
Nitrobenzene-d5
Concen: 1.454 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.012 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

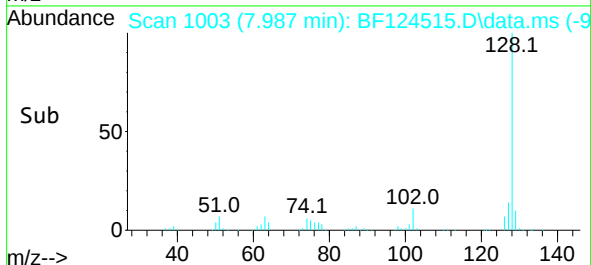
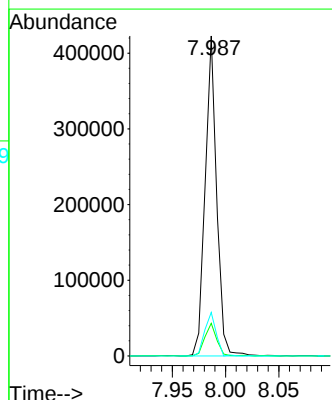
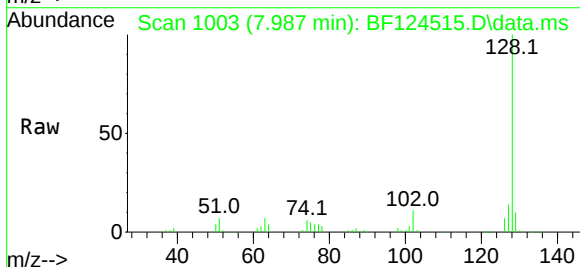
Instrument :
BNA_F
ClientSampled :
MW-14DL2

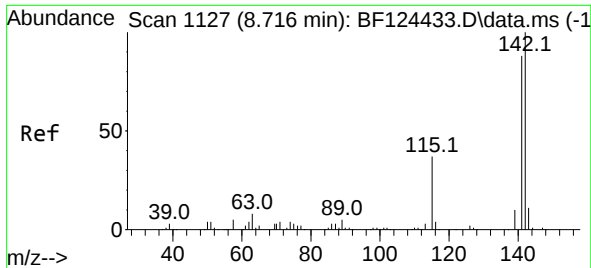
Tgt Ion: 82 Resp: 4204
Ion Ratio Lower Upper
82 100
128 31.7 29.4 44.2
54 36.3 54.1 81.1#



#31
Naphthalene
Concen: 45.295 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion: 128 Resp: 319525
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 13.6 10.8 16.2

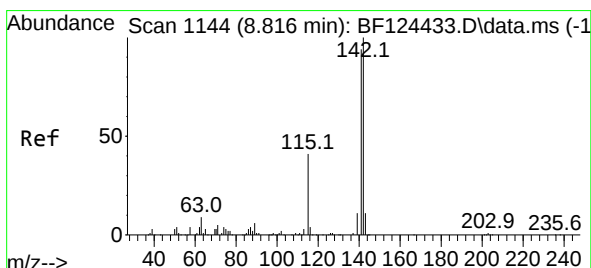
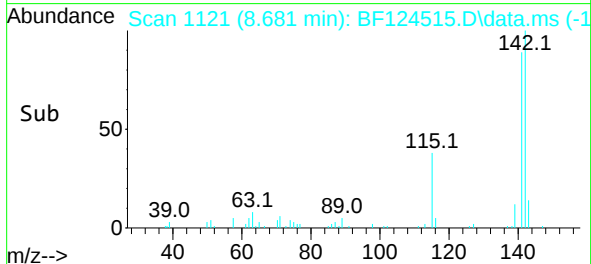
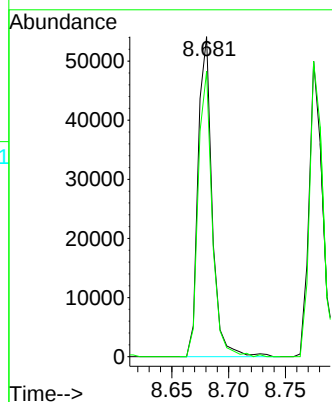
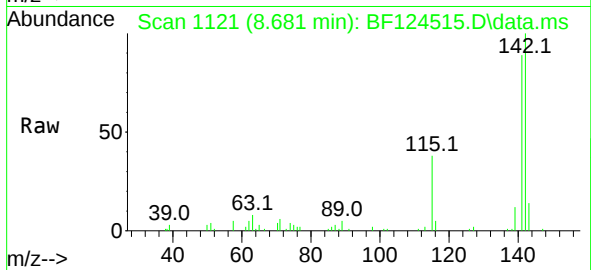




#37
2-Methylnaphthalene
Concen: 9.328 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

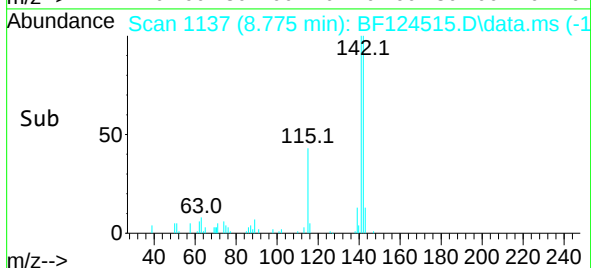
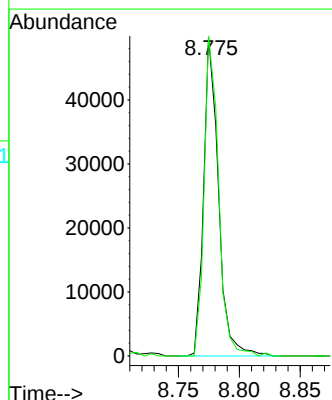
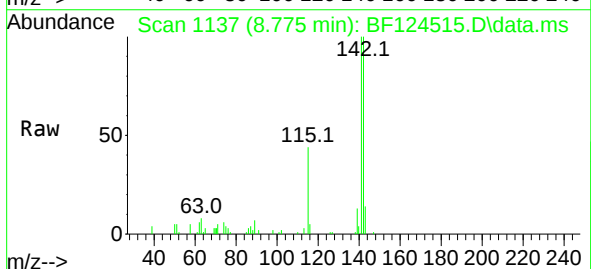
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

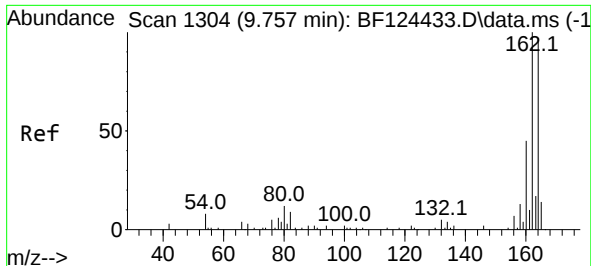
Tgt Ion:142 Resp: 46563
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.6



#38
1-Methylnaphthalene
Concen: 9.098 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

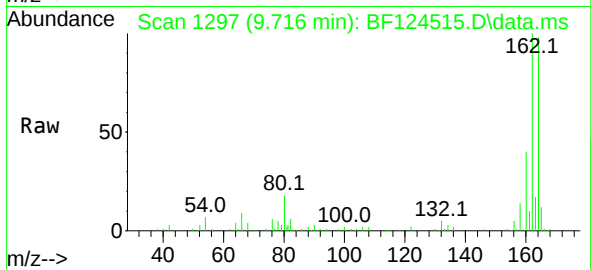
Tgt Ion:142 Resp: 42242
Ion Ratio Lower Upper
142 100
141 99.9 72.8 109.2



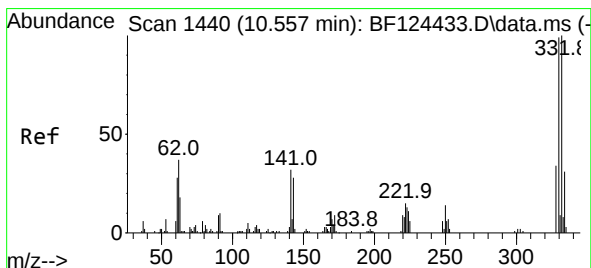
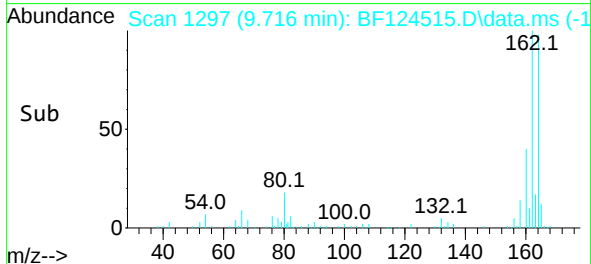
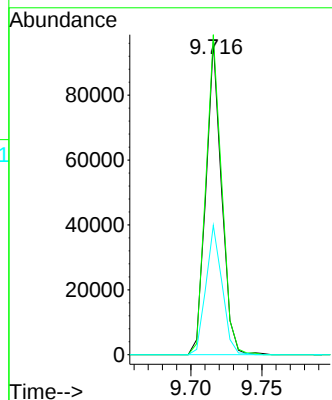


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

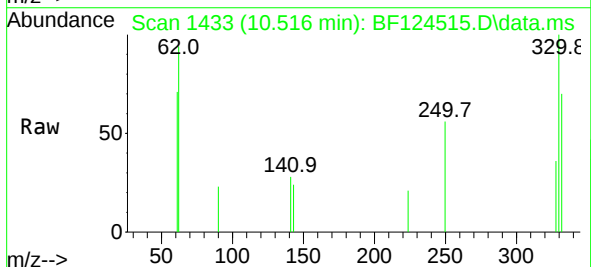
Instrument :
BNA_F
ClientSampleId :
MW-14DL2



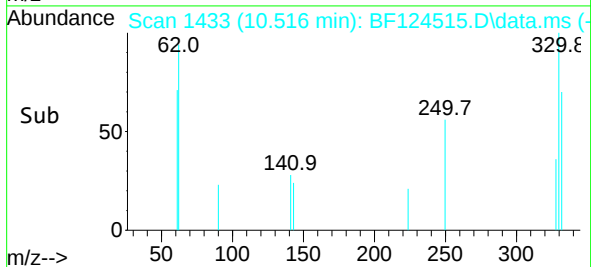
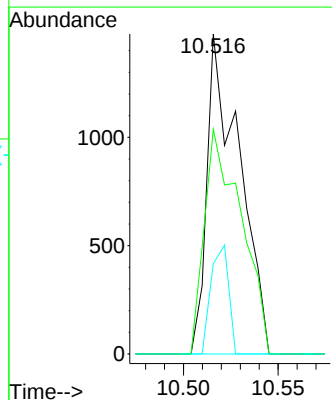
Tgt Ion:164 Resp: 74224
Ion Ratio Lower Upper
164 100
162 102.2 80.7 121.1
160 41.3 37.3 55.9

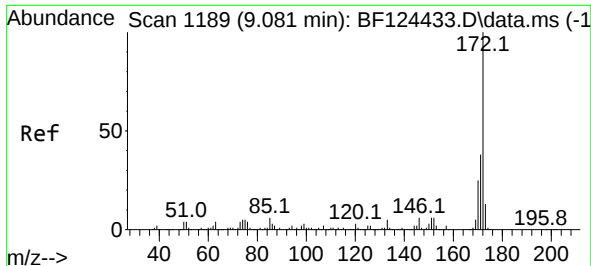


#42
2,4,6-Tribromophenol
Concen: 1.968 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07



Tgt Ion:330 Resp: 1745
Ion Ratio Lower Upper
330 100
332 80.3 77.1 115.7
141 18.6 27.9 41.9#

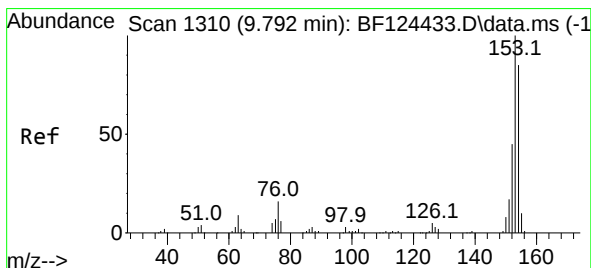
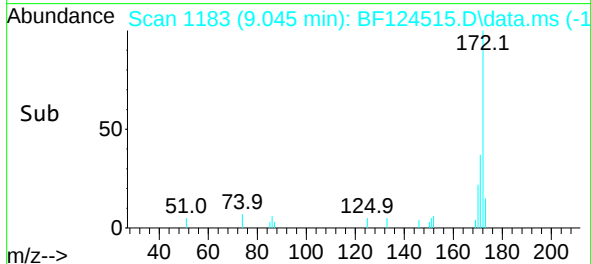
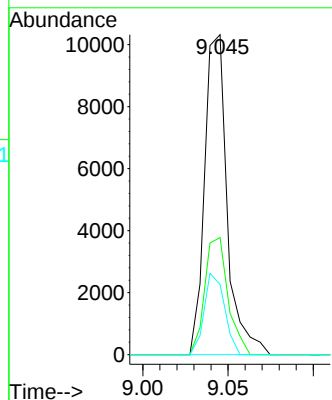
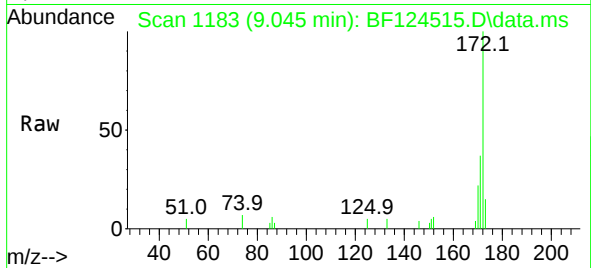




#45
2-Fluorobiphenyl
Concen: 1.571 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

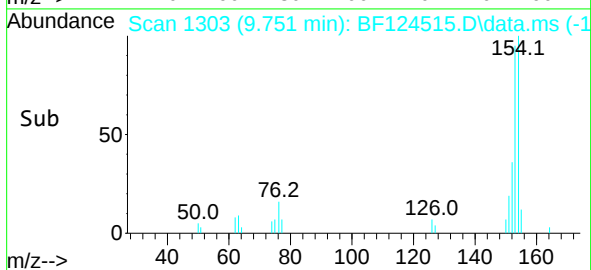
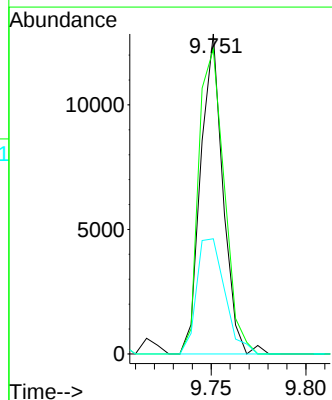
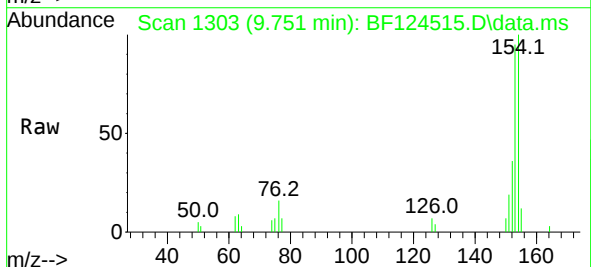
Instrument :
BNA_F
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MW-14DL2

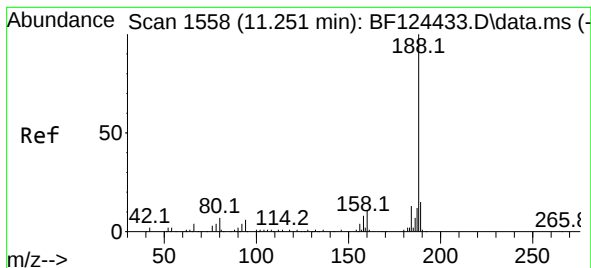
Tgt Ion:172 Resp: 9516
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 21.9 19.2 28.8



#52
Acenaphthene
Concen: 2.211 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

Tgt Ion:154 Resp: 10473
Ion Ratio Lower Upper
154 100
153 95.3 88.1 132.1
152 36.0 43.4 65.0#

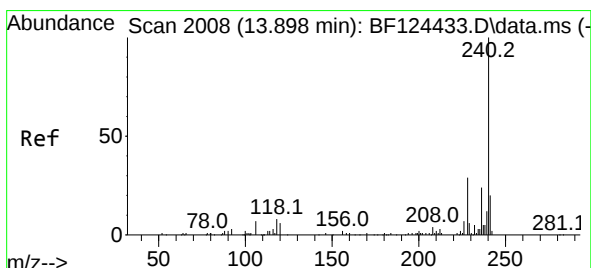
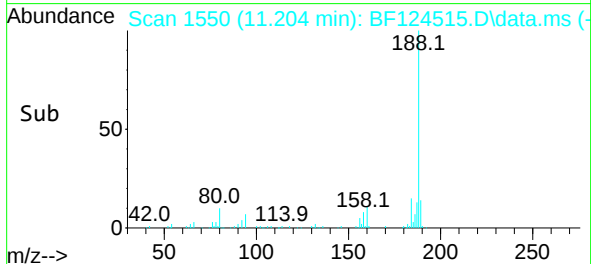
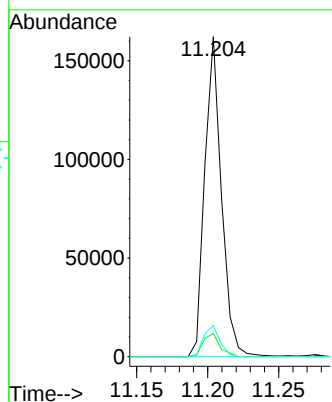
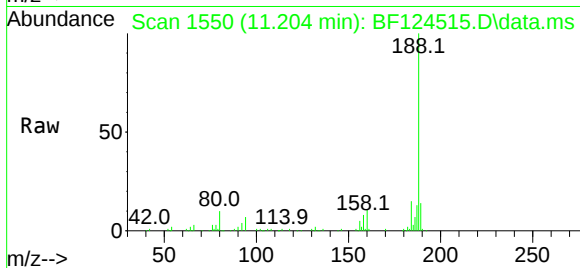




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

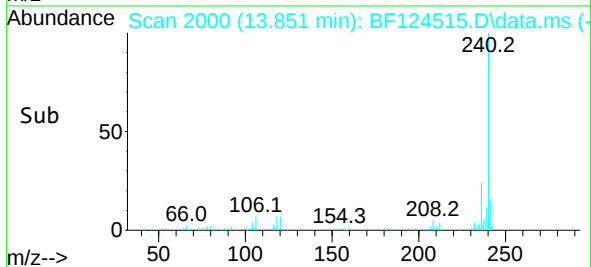
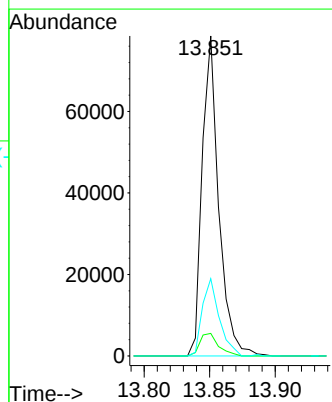
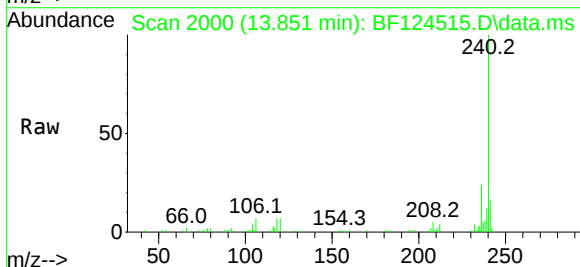
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BNA_F
ClientSampleId :
MW-14DL2

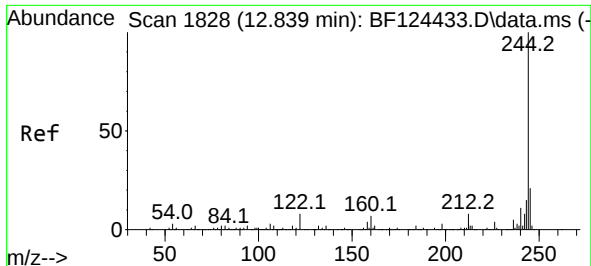
Tgt Ion:188 Resp: 133008
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF124515.D
Acq: 1 Jul 2021 17:07

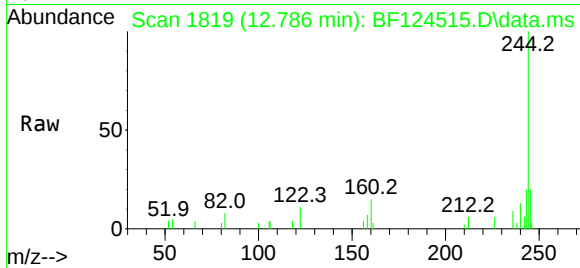
Tgt Ion:240 Resp: 69273
Ion Ratio Lower Upper
240 100
120 7.0 7.2 10.8#
236 24.2 19.0 28.4



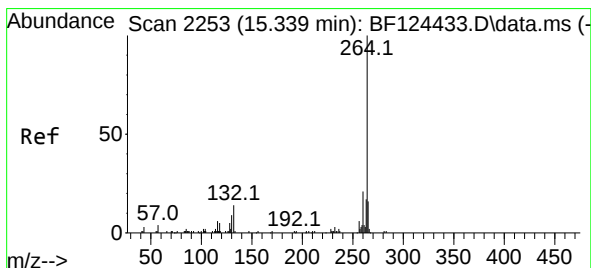
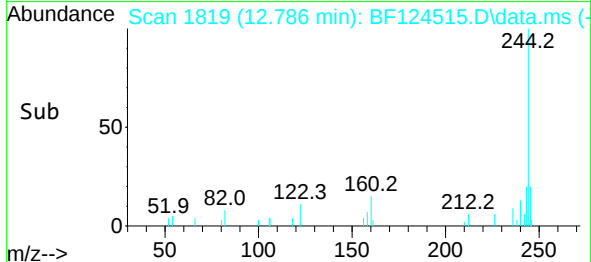
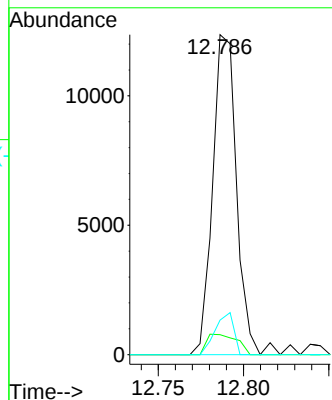


#79
 Terphenyl-d14
 Concen: 2.611 ng
 RT: 12.786 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF124515.D
 Acq: 1 Jul 2021 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2



Tgt Ion:244 Resp: 12078
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.7 8.5
 122 10.8 9.7 14.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.274 min Scan# 2242
 Delta R.T. 0.000 min
 Lab File: BF124515.D
 Acq: 1 Jul 2021 17:07

Tgt Ion:264 Resp: 75314
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.7 28.1
 265 24.3 17.8 26.8

