

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124751.D
 Acq On : 24 Jul 2021 17:06
 Operator : JU/CG
 Sample : M3094-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Jul 25 04:29:24 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)

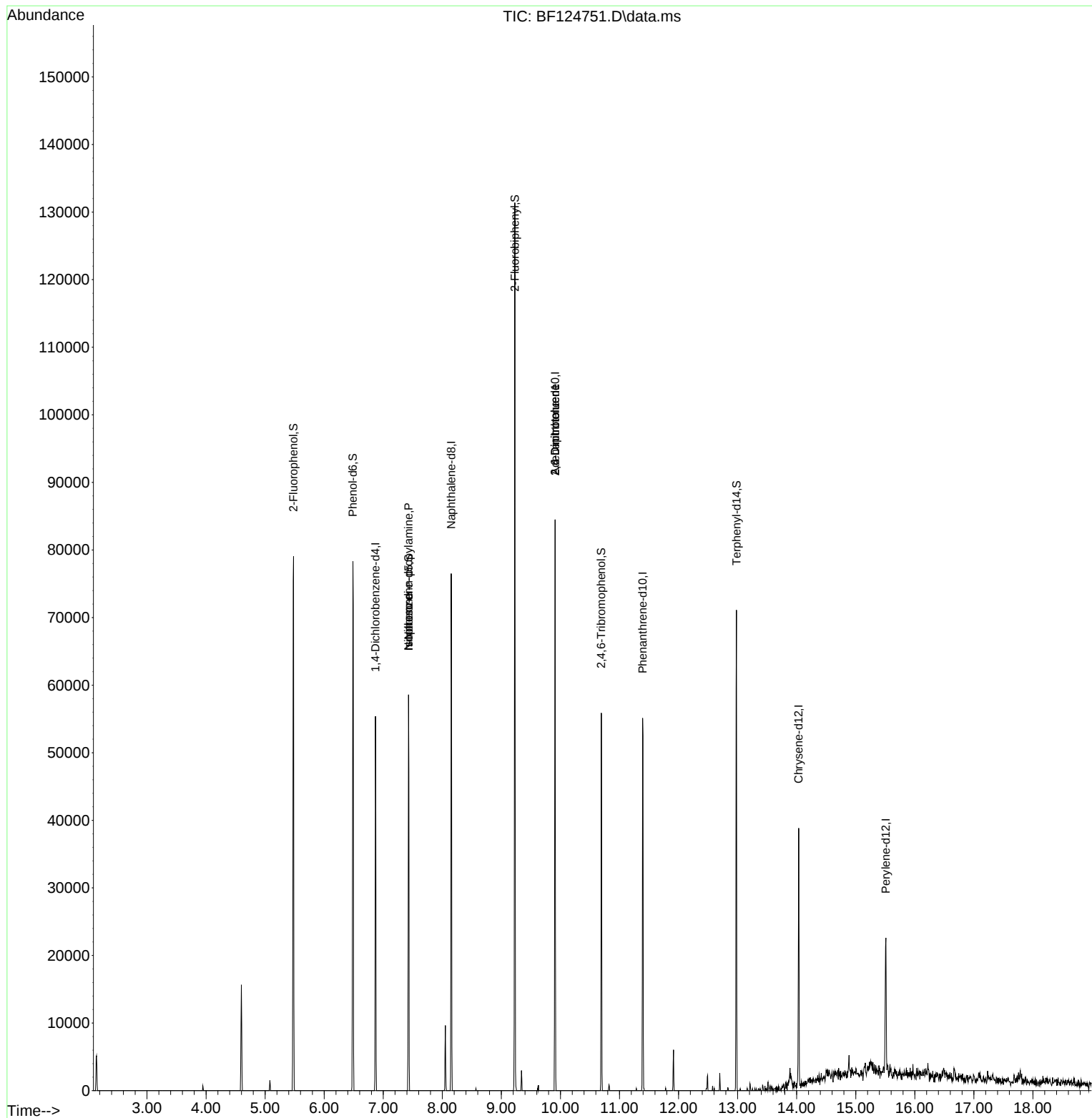
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	8253	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	31260	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14864	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	21671	20.000	ng	0.00
76) Chrysene-d12	14.033	240	13634	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	10634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	21151	43.393	ng	0.00
7) Phenol-d6	6.486	99	25270	41.354	ng	-0.01
23) Nitrobenzene-d5	7.428	82	16406	31.236	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	5243	41.082	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	34803	34.390	ng	0.00
79) Terphenyl-d14	12.980	244	22750	28.603	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	1801	5.519	ng	# 74
25) Isophorone	7.428	82	16405	17.664	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2000	8.845	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2000	6.518	ng	# 18

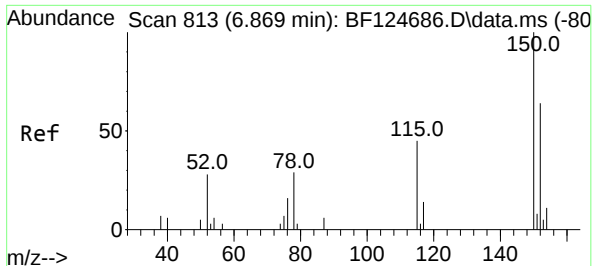
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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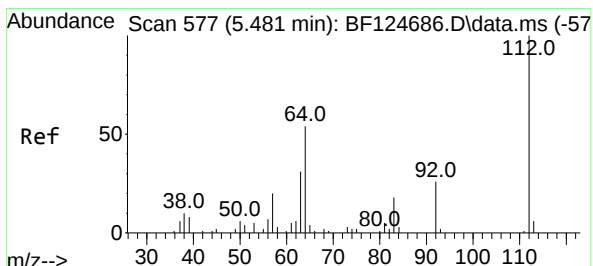
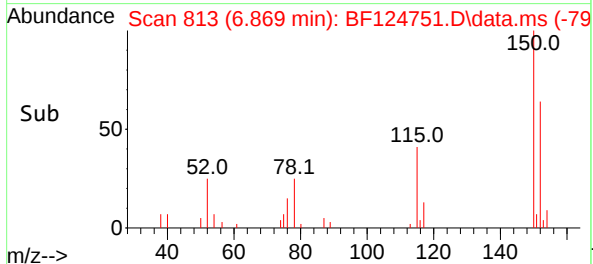
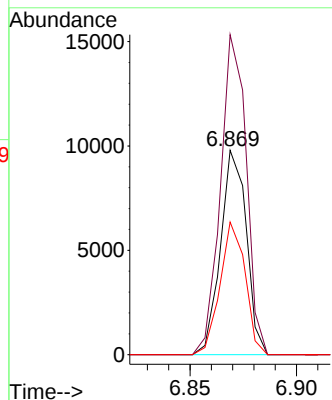
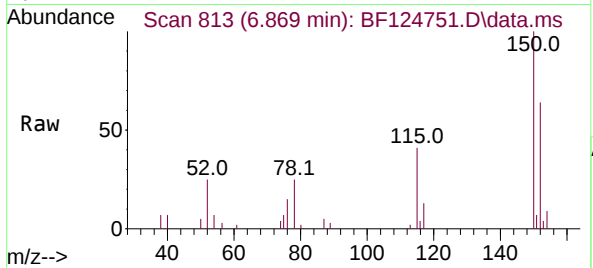




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

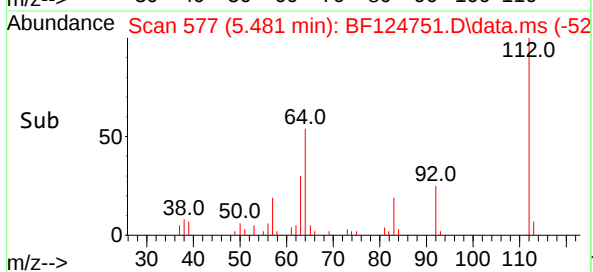
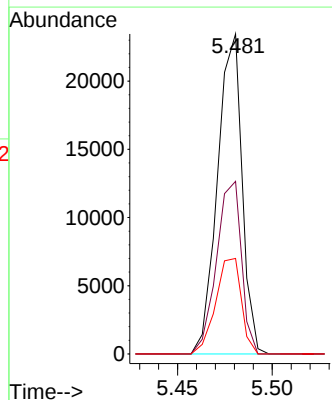
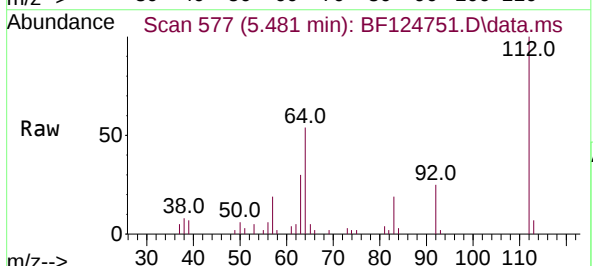
Instrument :
BNA_F
ClientSampleId :
SP-1

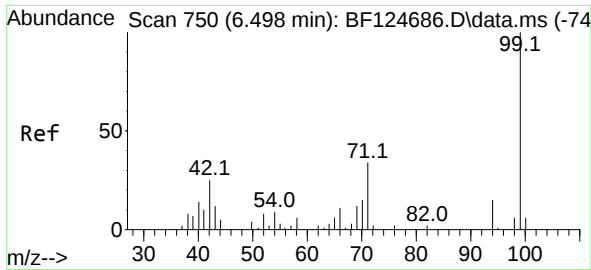
Tgt Ion:152 Resp: 8253
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 64.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.393 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

Tgt Ion:112 Resp: 21151
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 29.8 26.2 39.2

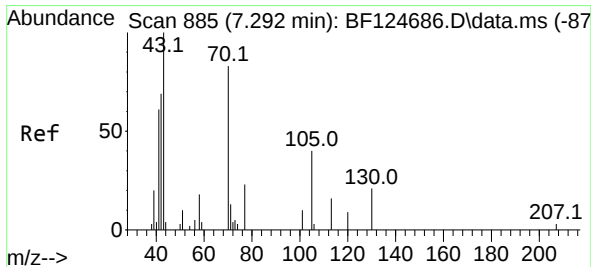
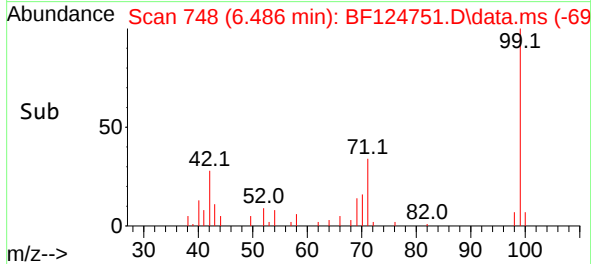
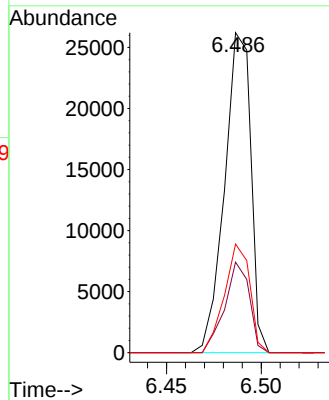
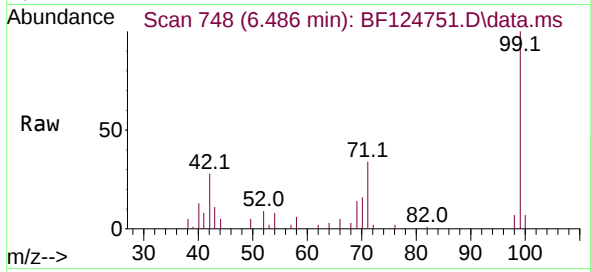




#7
Phenol-d6
Concen: 41.354 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

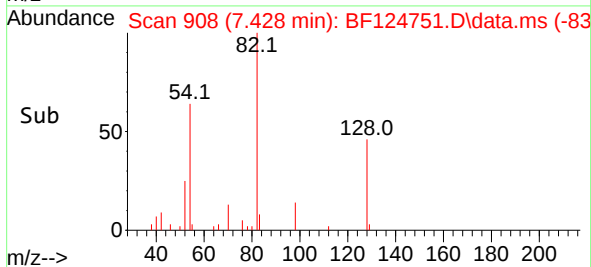
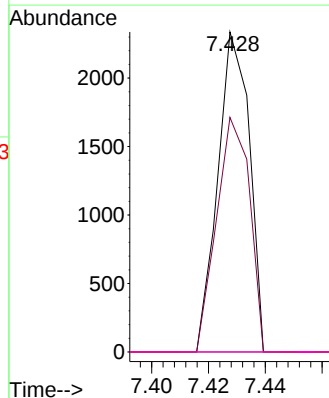
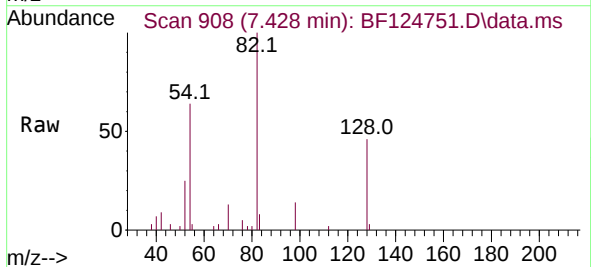
Instrument :
BNA_F
ClientSampleId :
SP-1

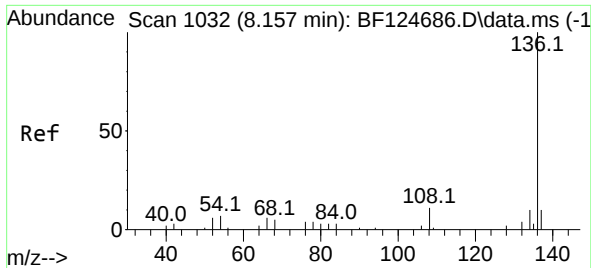
Tgt Ion:	99	Resp:	25270
Ion	Ratio	Lower	Upper
99	100		
42	28.3	23.5	35.3
71	34.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.519 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

Tgt Ion:	70	Resp:	1801
Ion	Ratio	Lower	Upper
70	100		
42	73.3	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

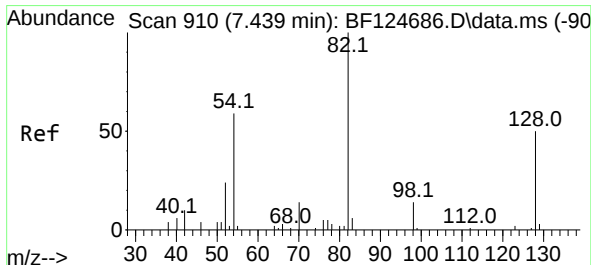
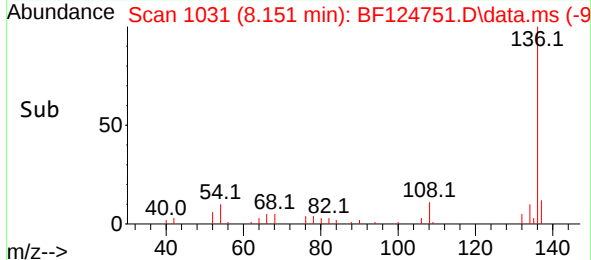
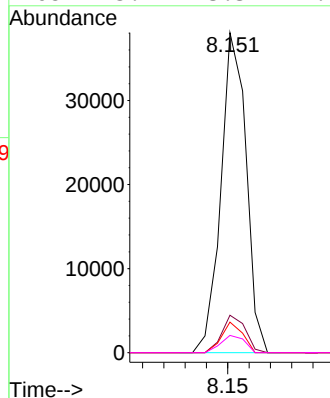
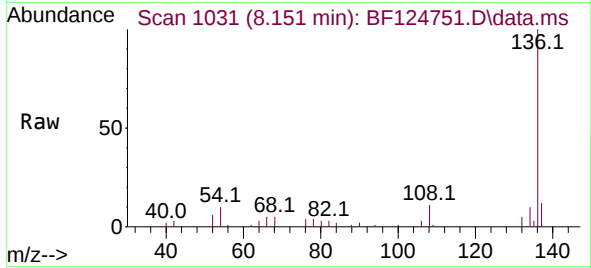




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

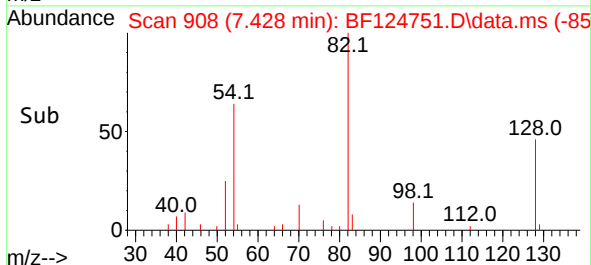
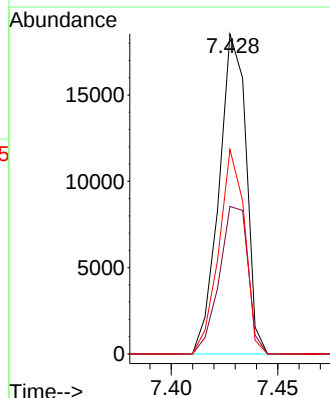
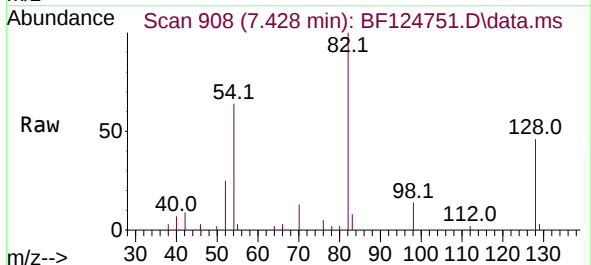
Instrument :
BNA_F
ClientSampleId :
SP-1

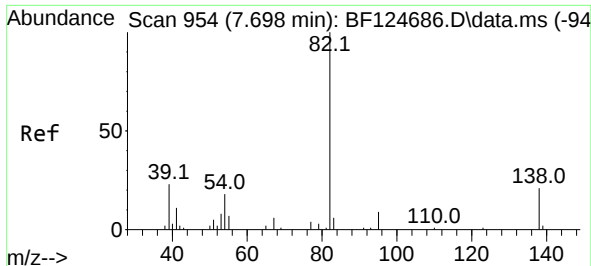
Tgt Ion:136	Resp:	31260
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.8 14.6
54	9.5	6.4 9.6
68	5.4	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 31.236 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

Tgt Ion: 82	Resp:	16406
Ion Ratio	Lower	Upper
82	100	
128	46.1	40.6 60.8
54	63.9	49.6 74.4

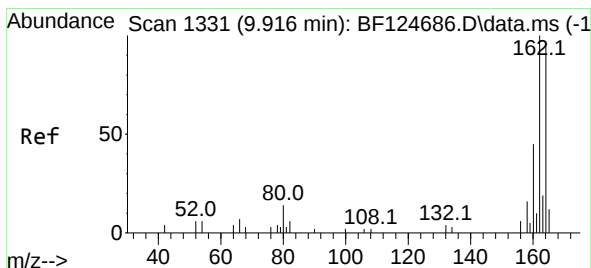
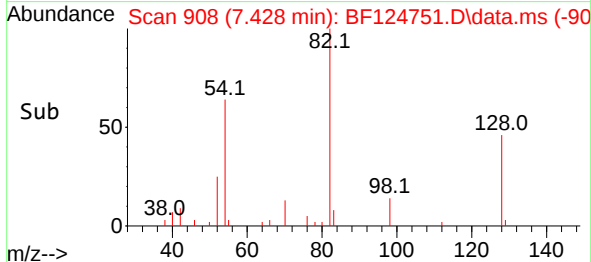
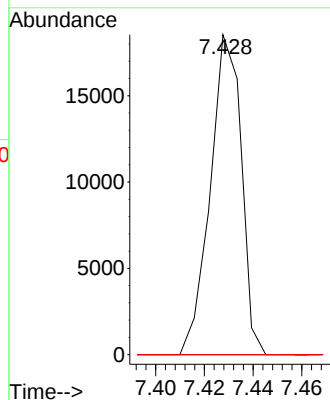
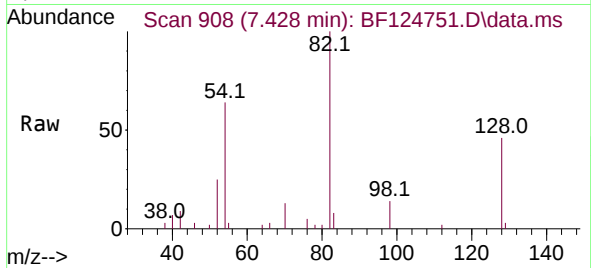




#25
Isophorone
Concen: 17.664 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

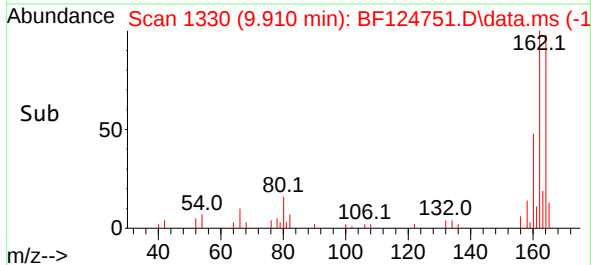
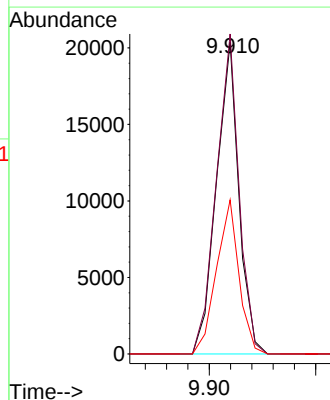
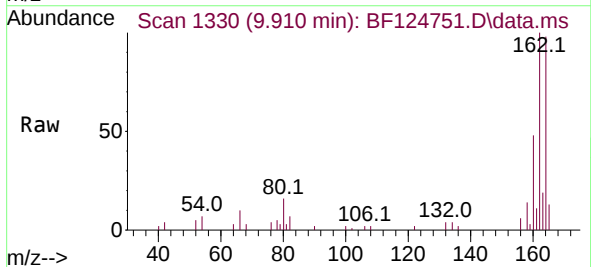
Instrument :
BNA_F
ClientSampleId :
SP-1

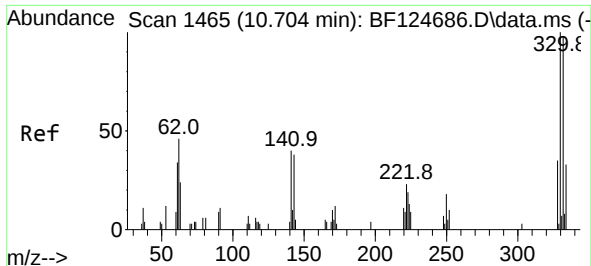
Tgt Ion: 82 Resp: 16405
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

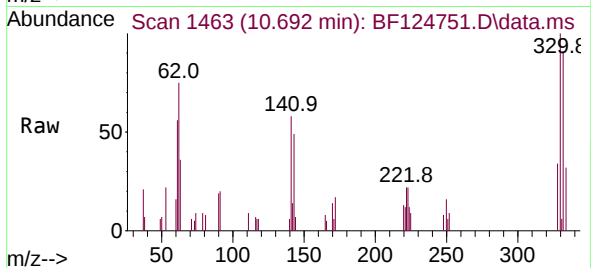
Tgt Ion: 164 Resp: 14864
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 49.4 38.0 57.0



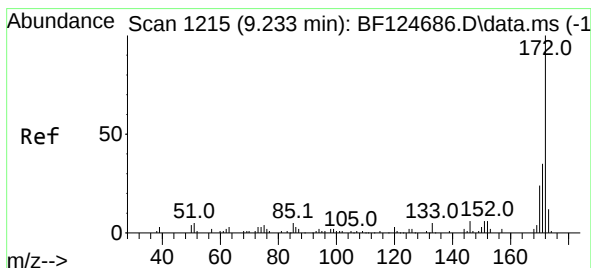
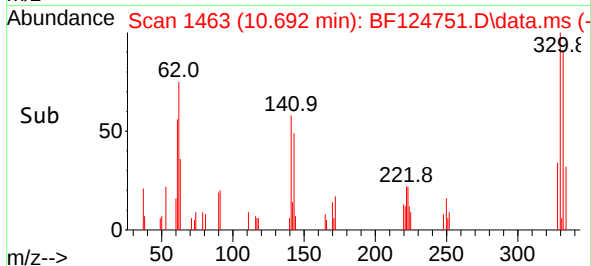
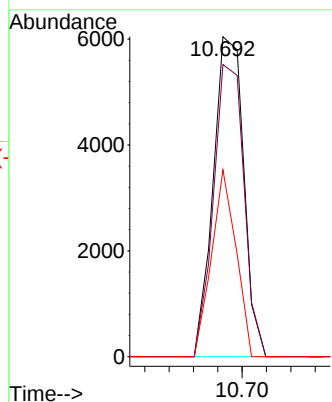


#42
2,4,6-Tribromophenol
Concen: 41.082 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

Instrument :
BNA_F
ClientSampled :
SP-1

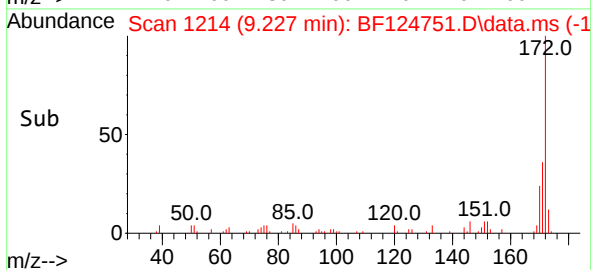
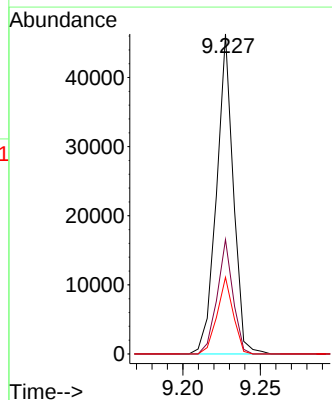
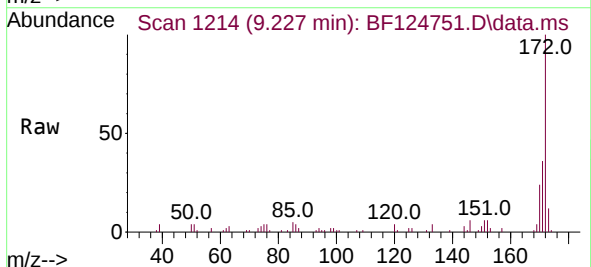


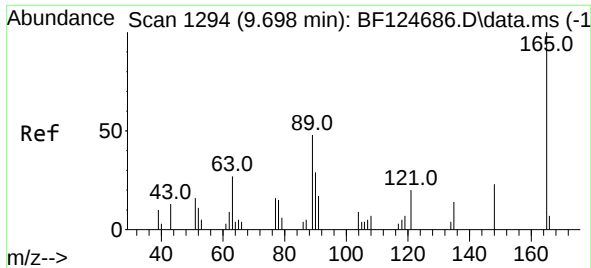
Tgt Ion: 330 Resp: 5243
Ion Ratio Lower Upper
330 100
332 91.6 76.2 114.4
141 46.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 34.390 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

Tgt Ion: 172 Resp: 34803
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.0 18.8 28.2

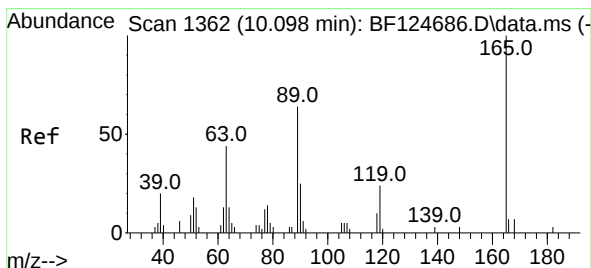
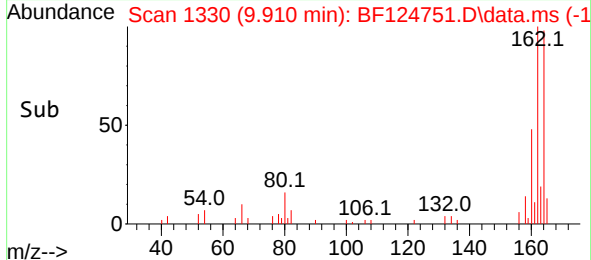
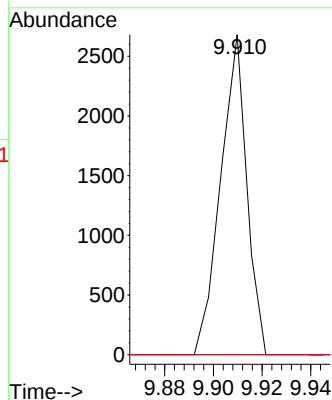
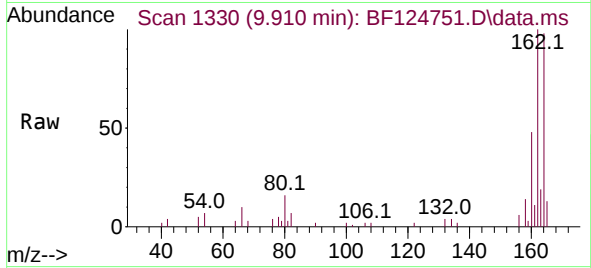




#51
2,6-Dinitrotoluene
Concen: 8.845 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

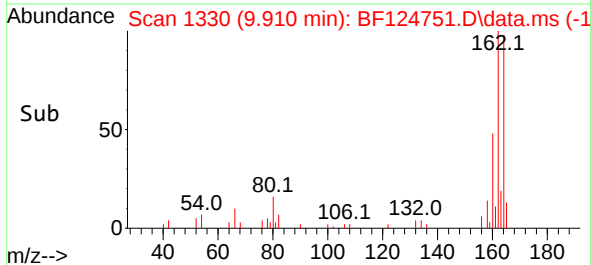
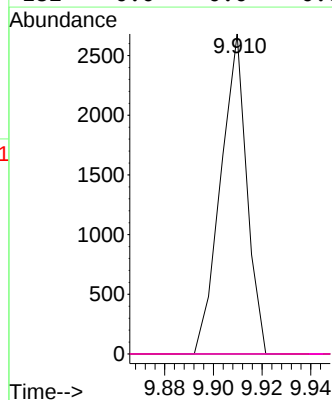
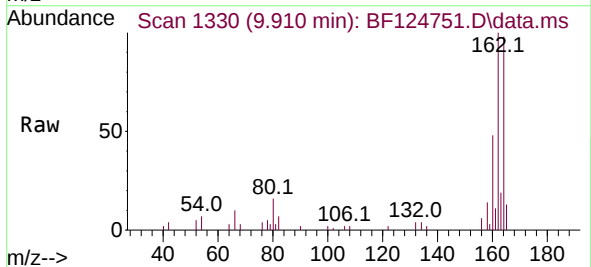
Instrument :
BNA_F
ClientSampled :
SP-1

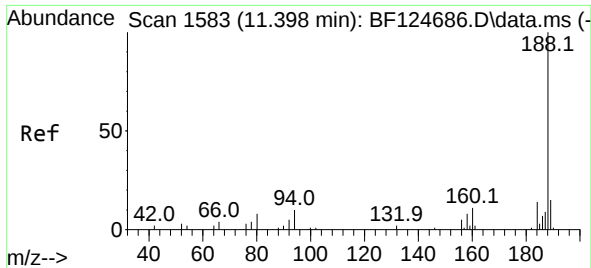
Tgt Ion:165 Resp: 2000
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.518 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

Tgt Ion:165 Resp: 2000
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

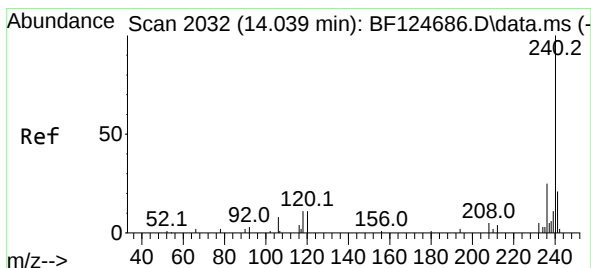
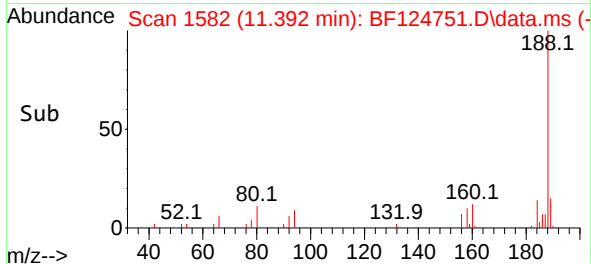
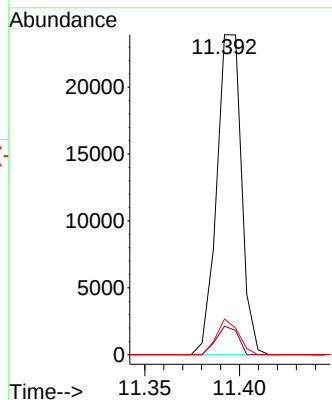
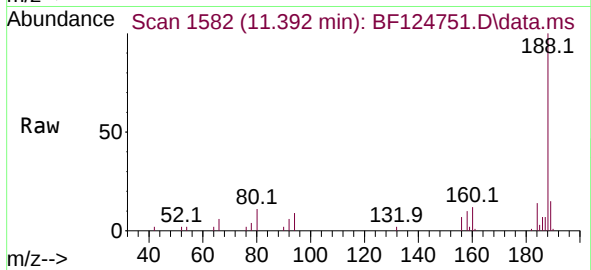




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

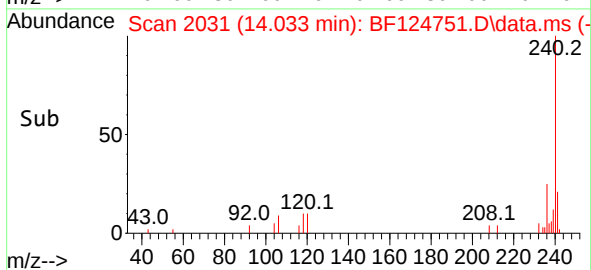
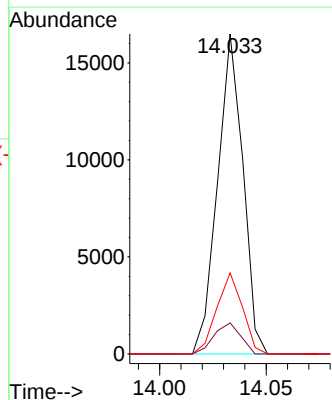
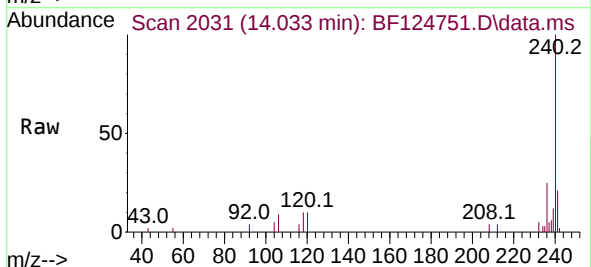
Instrument :
BNA_F
ClientSampleId :
SP-1

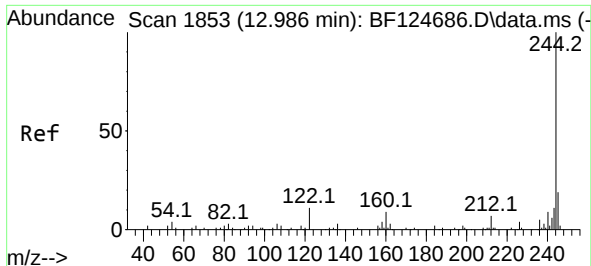
Tgt Ion:188 Resp: 21671
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124751.D
Acq: 24 Jul 2021 17:06

Tgt Ion:240 Resp: 13634
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 25.3 21.6 32.4

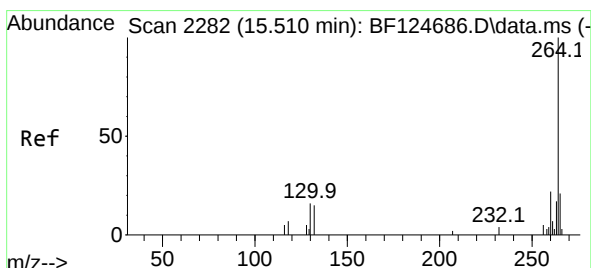
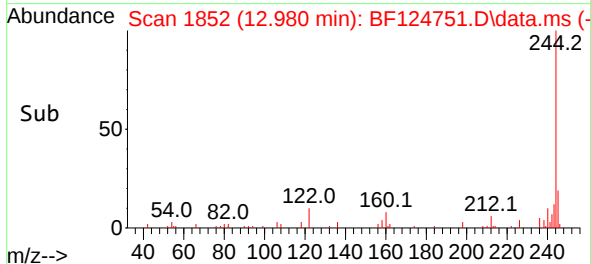
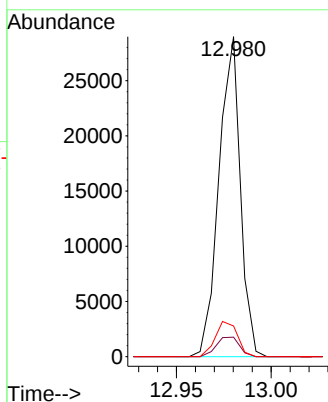
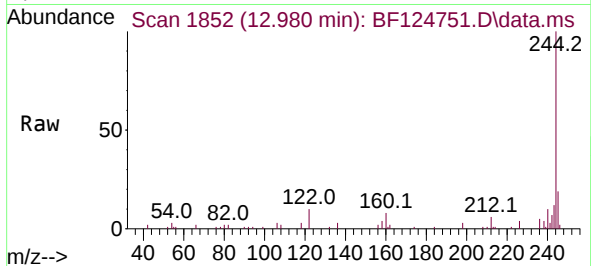




#79
 Terphenyl-d14
 Concen: 28.603 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124751.D
 Acq: 24 Jul 2021 17:06

Instrument :
 BNA_F
 ClientSampleID :
 SP-1

Tgt Ion:244	Resp:	22750
Ion Ratio	Lower	Upper
244	100	
212	6.1	5.9 8.9
122	9.6	9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124751.D
 Acq: 24 Jul 2021 17:06

Tgt Ion:264	Resp:	10634
Ion Ratio	Lower	Upper
264	100	
260	21.8	19.6 29.4
265	21.5	17.2 25.8

