

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124862.D
 Acq On : 29 Jul 2021 21:06
 Operator : JU/CG
 Sample : M3222-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-458-COMP

Quant Time: Jul 30 02:55:00 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)

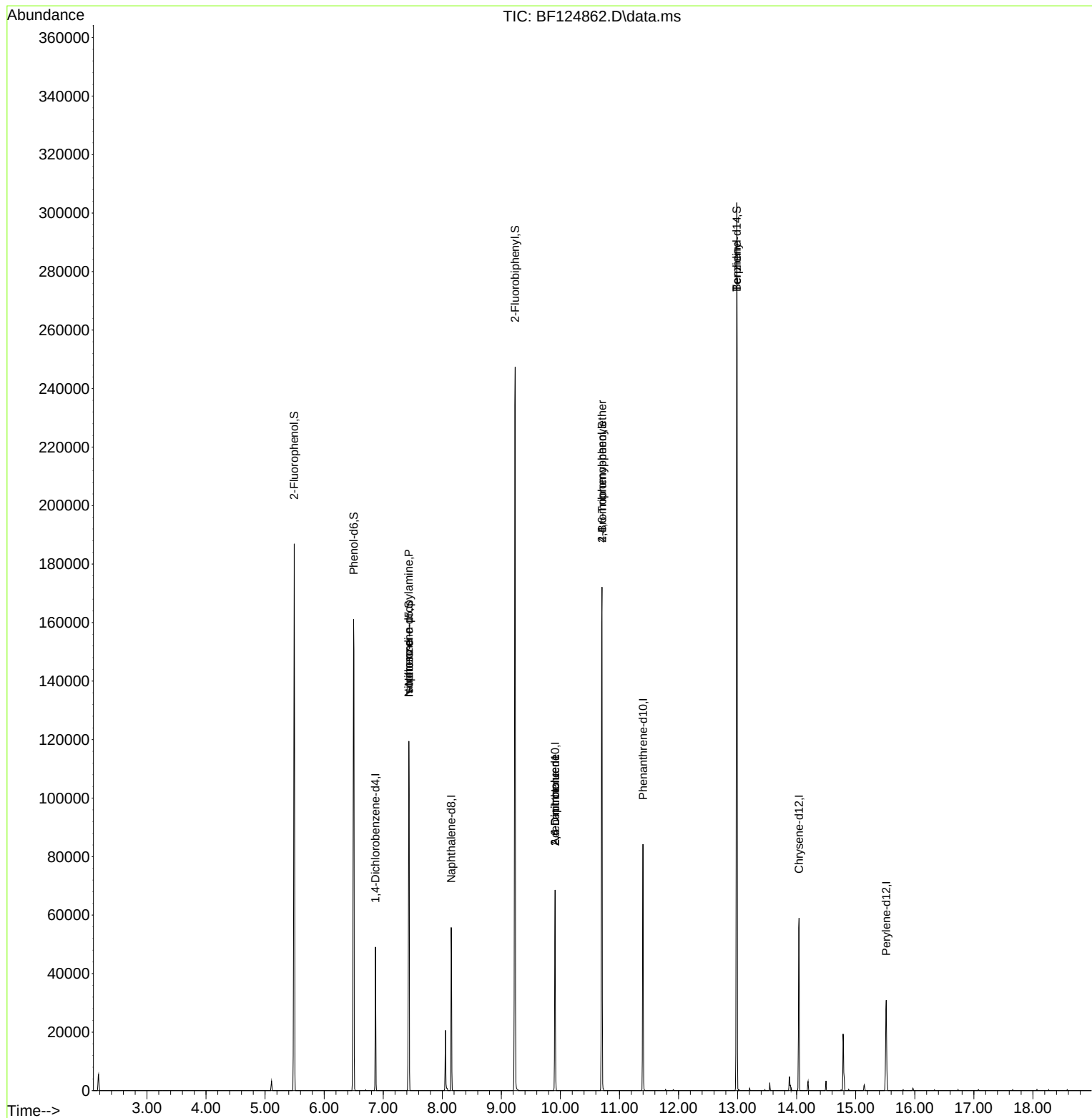
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6850	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	24974	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14849	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	29300	20.00	ng	0.00
76) Chrysene-d12	14.039	240	22807	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	16696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	49290	121.83	ng	0.01
7) Phenol-d6	6.498	99	61735	121.72	ng	0.00
23) Nitrobenzene-d5	7.434	82	40370	96.21	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	18383	144.19	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	83639	82.73	ng	0.00
79) Terphenyl-d14	12.986	244	114400	85.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	5178	19.12	ng	# 73
25) Isophorone	7.434	82	40369	54.41	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1758	7.78	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1758	5.74	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1422	4.58	ng	# 1
77) Benzidine	12.986	184	1768	2.75	ng	# 78

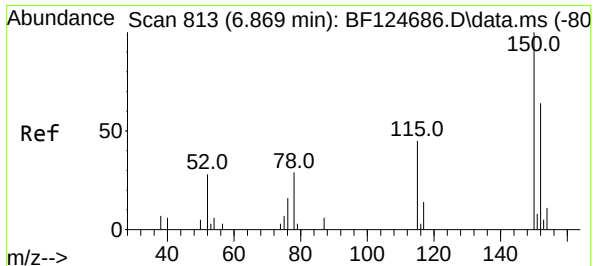
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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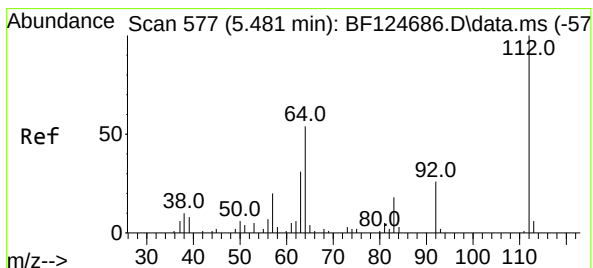
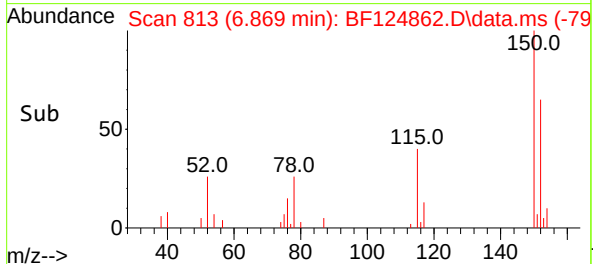
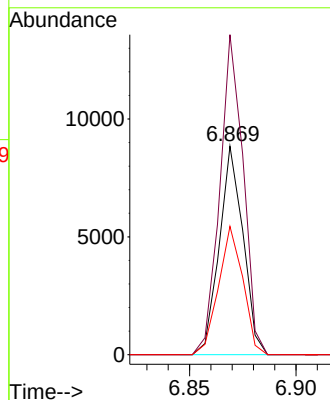
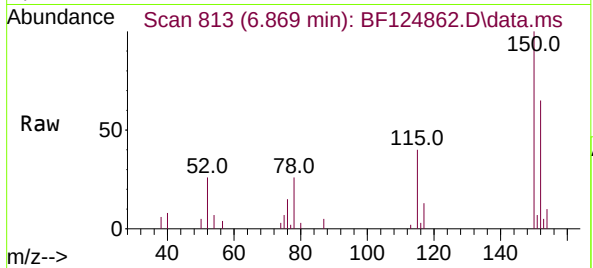




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

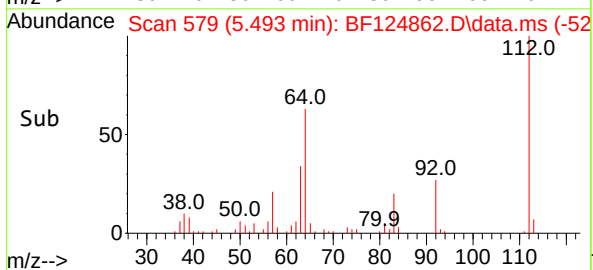
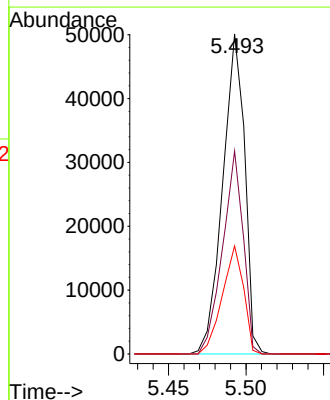
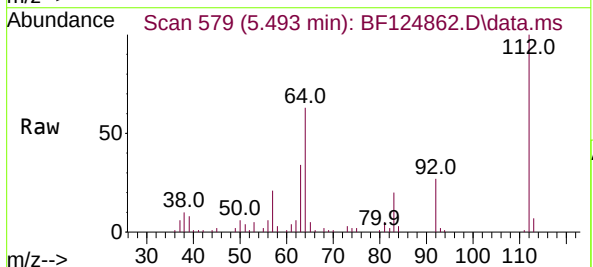
Instrument :
BNA_F
ClientSampleId :
MH-458-COMP

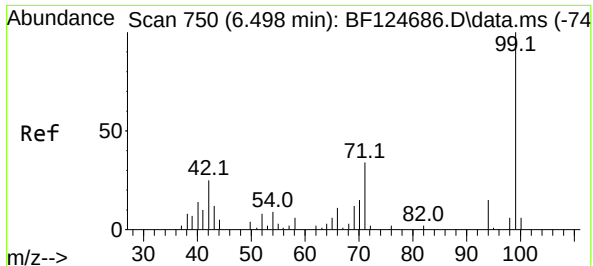
Tgt Ion:152 Resp: 6850
Ion Ratio Lower Upper
152 100
150 153.5 117.6 176.4
115 61.6 47.1 70.7



#5
2-Fluorophenol
Concen: 121.83 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion:112 Resp: 49290
Ion Ratio Lower Upper
112 100
64 63.4 44.2 66.2
63 33.8 26.2 39.2

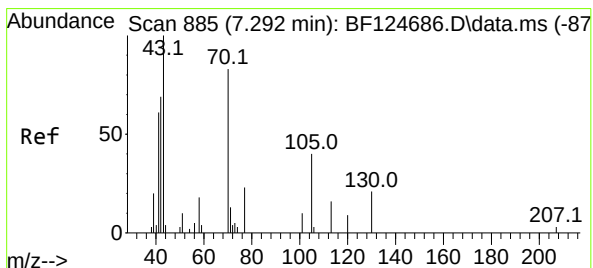
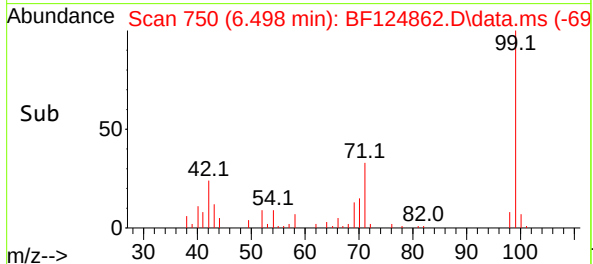
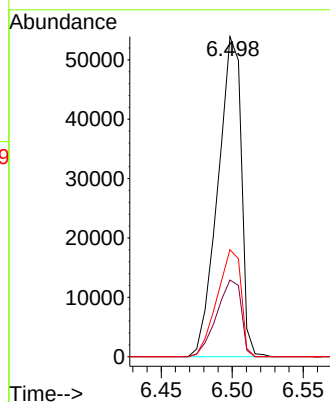
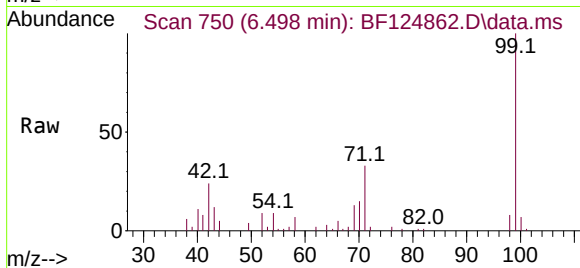




#7
Phenol-d6
Concen: 121.72 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

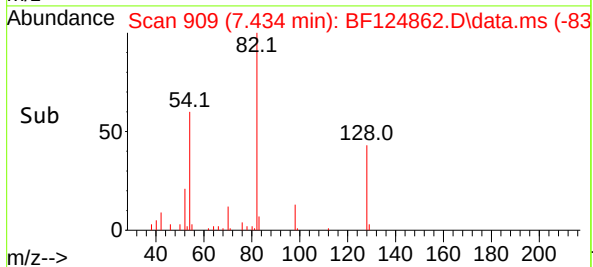
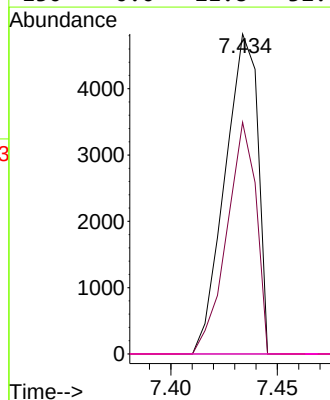
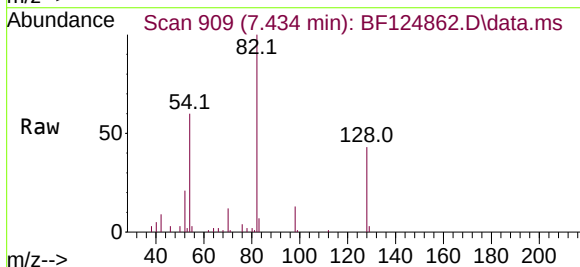
Instrument :
BNA_F
ClientSampleId :
MH-458-COMP

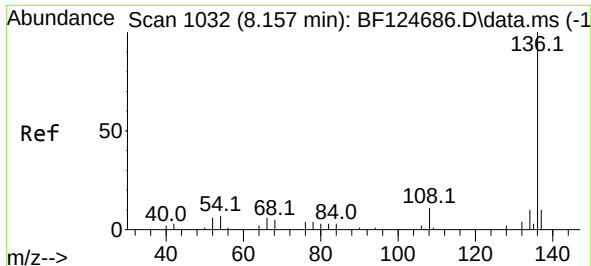
Tgt Ion:	99	Resp:	61735
Ion	Ratio	Lower	Upper
99	100		
42	23.9	23.5	35.3
71	33.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.12 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion:	70	Resp:	5178
Ion	Ratio	Lower	Upper
70	100		
42	72.4	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

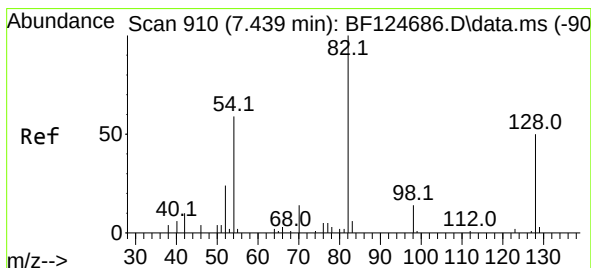
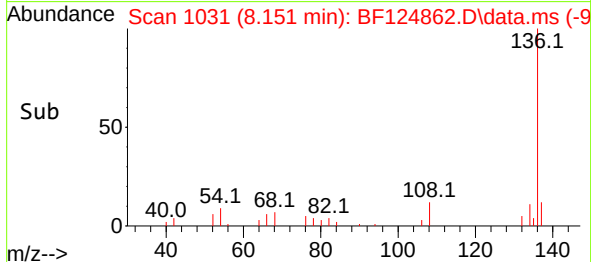
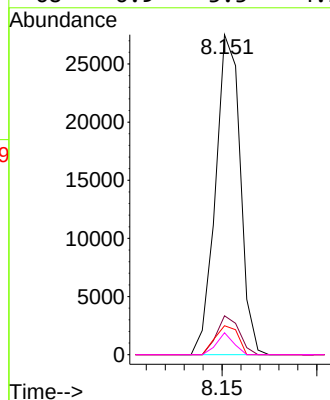
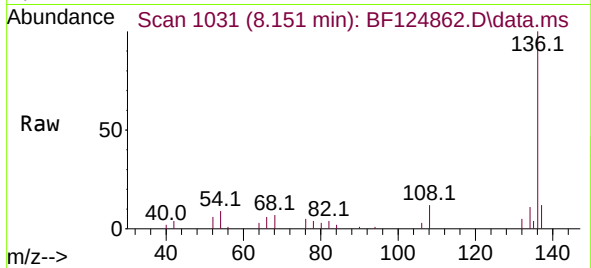




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

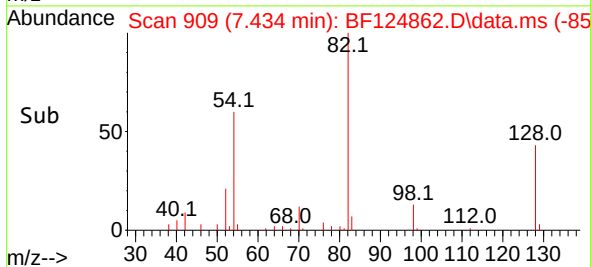
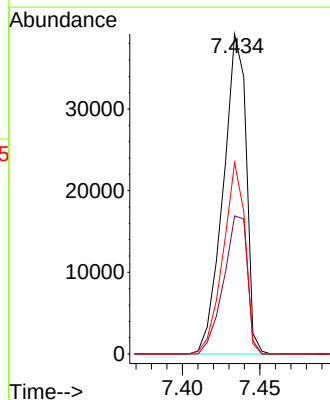
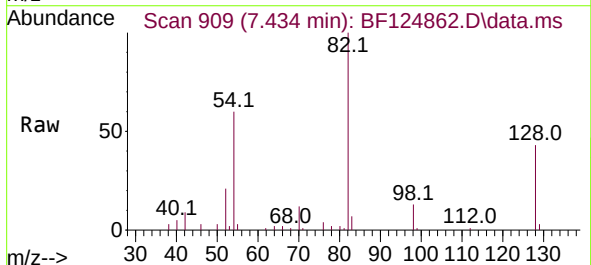
Instrument :
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ClientSampleId :
MH-458-COMP

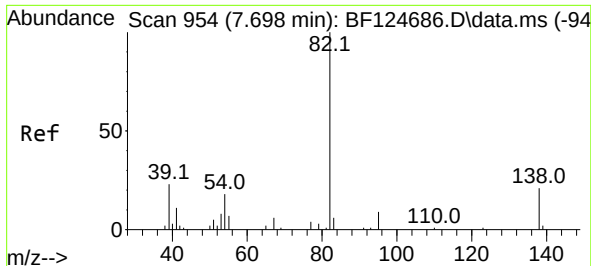
Tgt Ion:	136	Resp:	24974
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.8	14.6
54	9.1	6.4	9.6
68	6.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 96.21 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion:	82	Resp:	40370
Ion Ratio	Lower	Upper	
82	100		
128	43.2	40.6	60.8
54	59.8	49.6	74.4

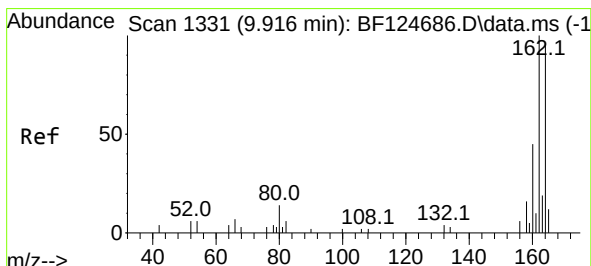
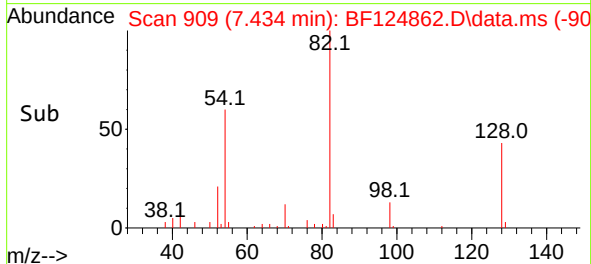
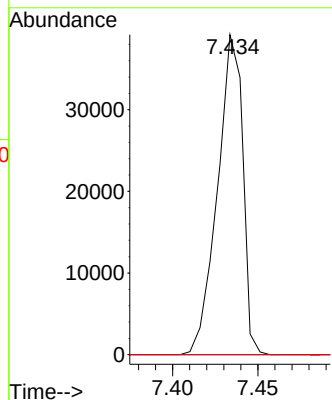
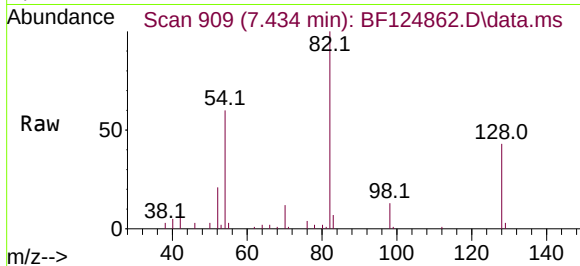




#25
Isophorone
Concen: 54.41 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

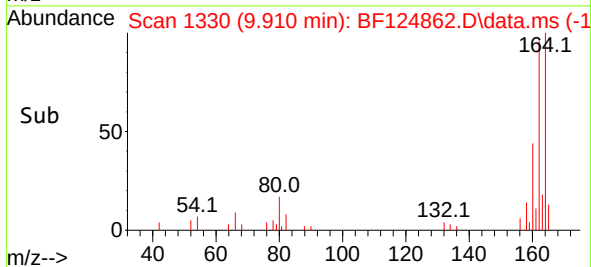
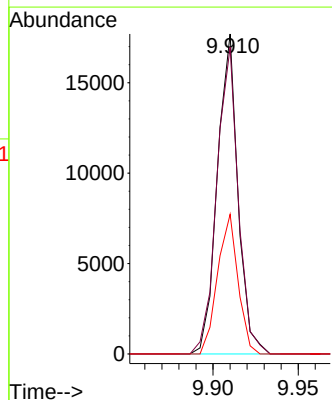
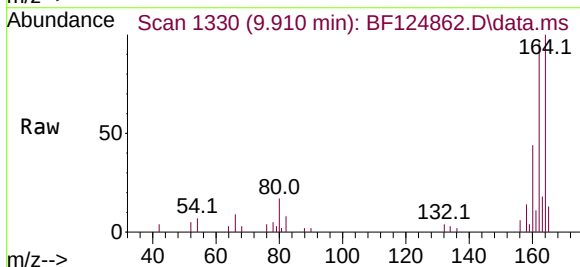
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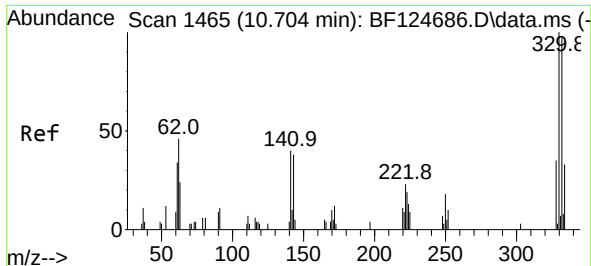
Tgt Ion: 82 Resp: 40369
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion: 164 Resp: 14849
Ion Ratio Lower Upper
164 100
162 95.9 81.3 121.9
160 43.6 38.0 57.0

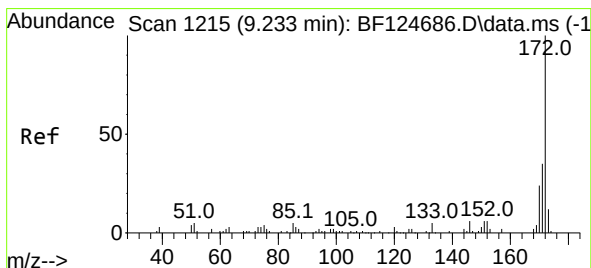
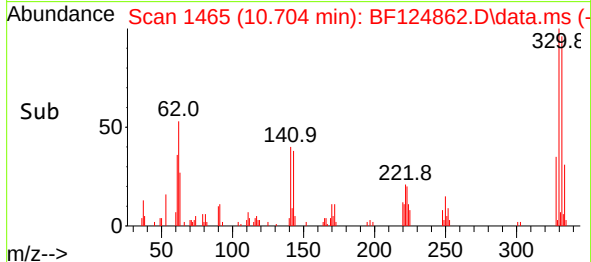
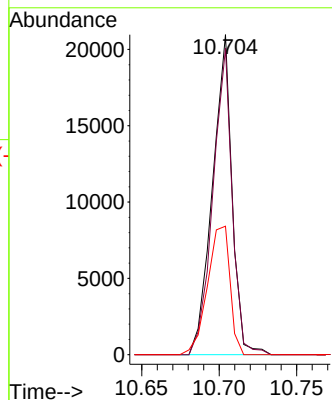
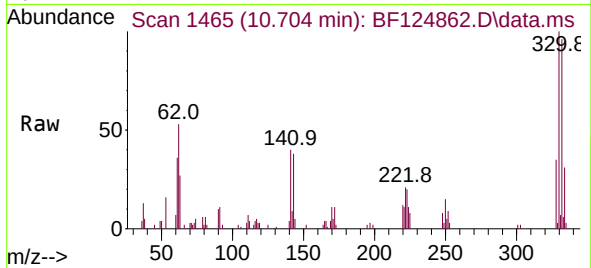




#42
2,4,6-Tribromophenol
Concen: 144.19 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

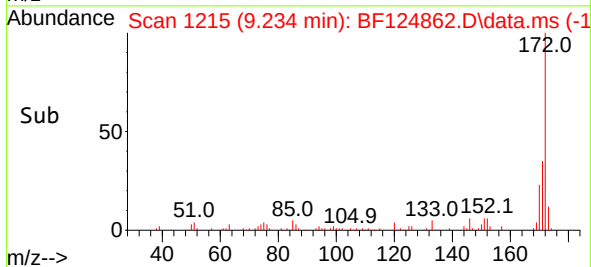
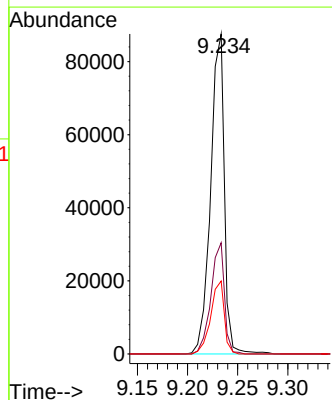
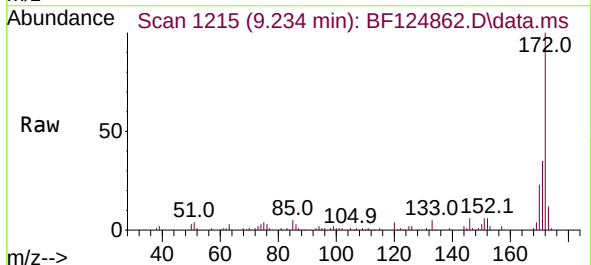
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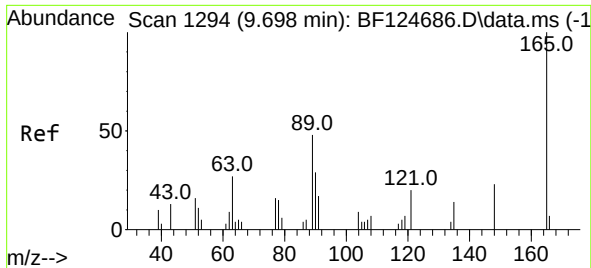
Tgt Ion: 330 Resp: 18383
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 46.1 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 82.73 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion: 172 Resp: 83639
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.8 18.8 28.2

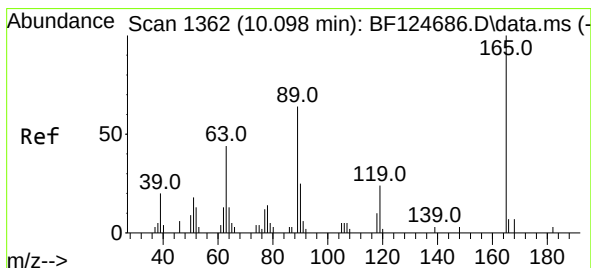
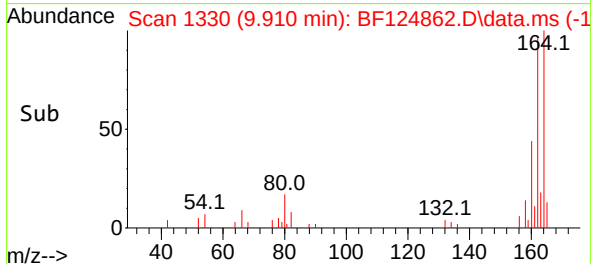
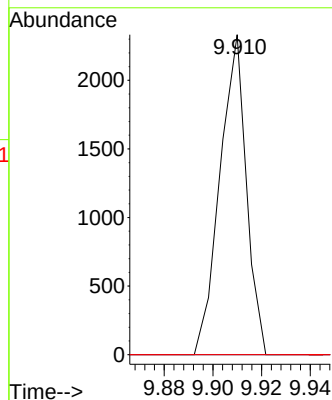
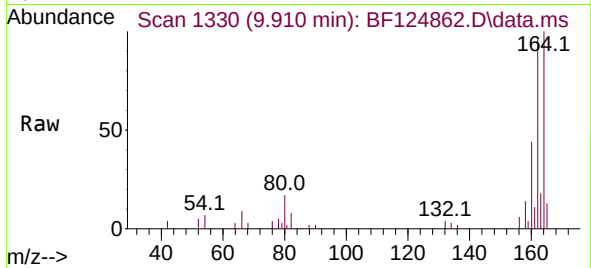




#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

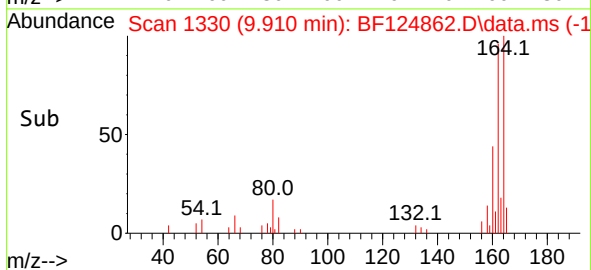
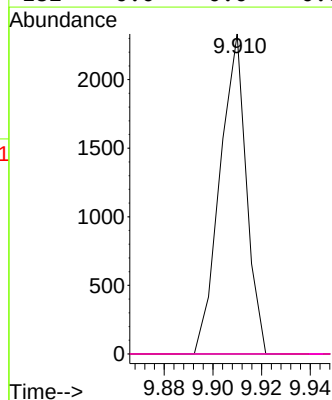
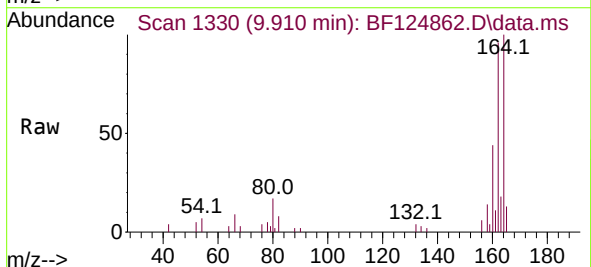
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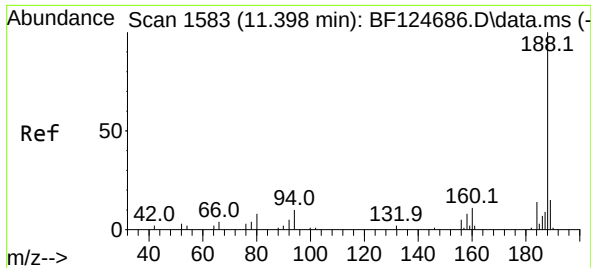
Tgt Ion:165 Resp: 1758
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion:165 Resp: 1758
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

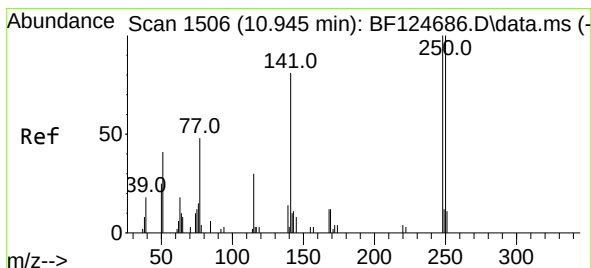
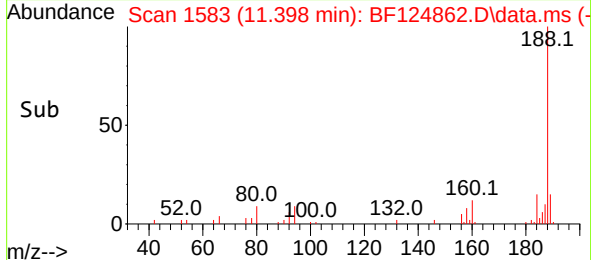
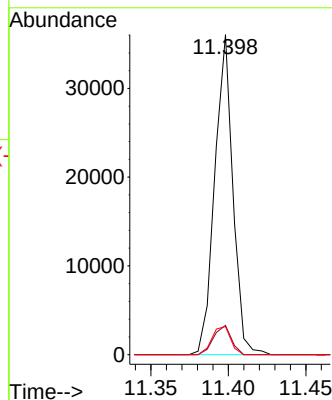
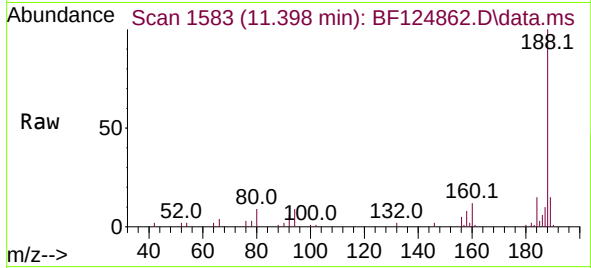




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

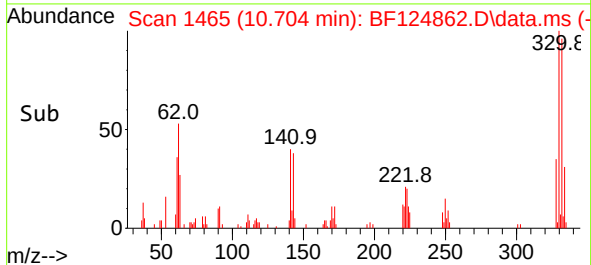
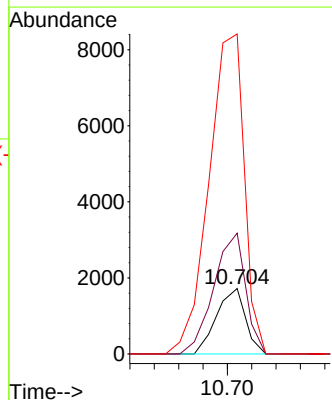
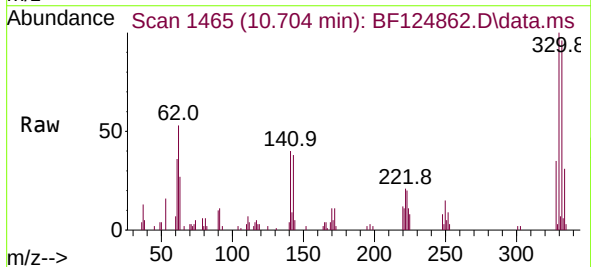
Instrument :
BNA_F
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MH-458-COMP

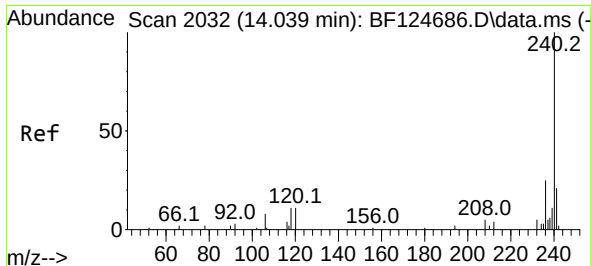
Tgt Ion:188	Resp:	29300
Ion Ratio	Lower	Upper
188	100	
94	9.1	6.7 10.1
80	8.8	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.58 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion:248	Resp:	1422
Ion Ratio	Lower	Upper
248	100	
250	184.5	74.2 111.4#
141	488.7	60.4 90.6#

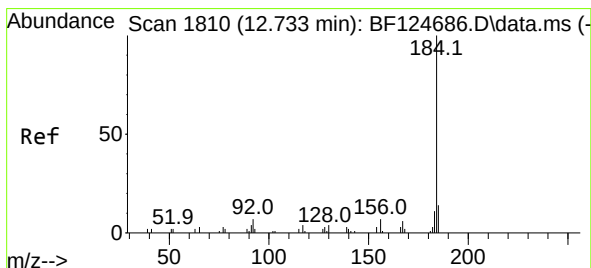
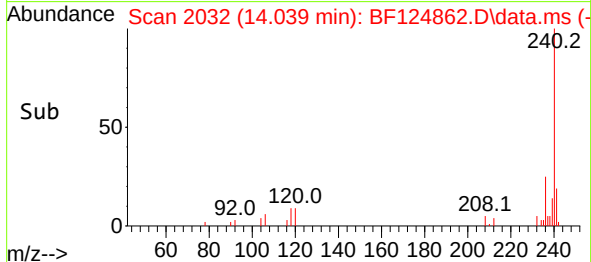
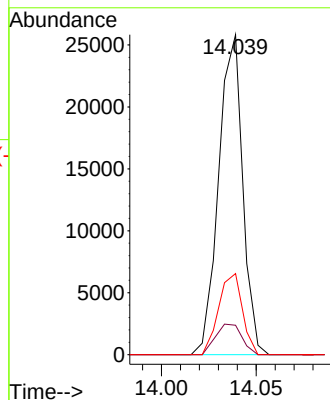
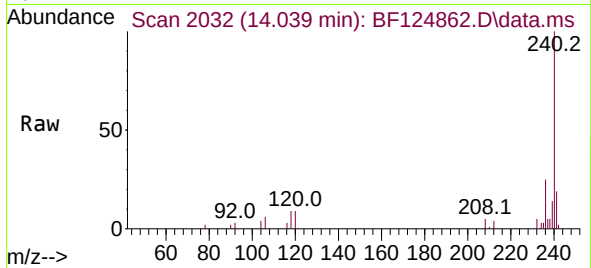




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

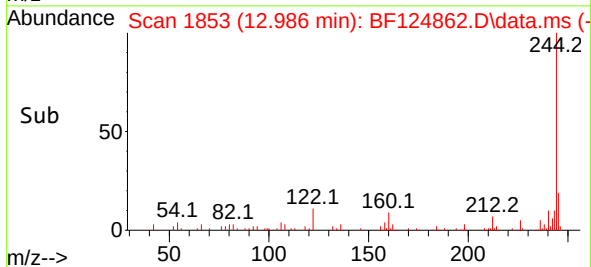
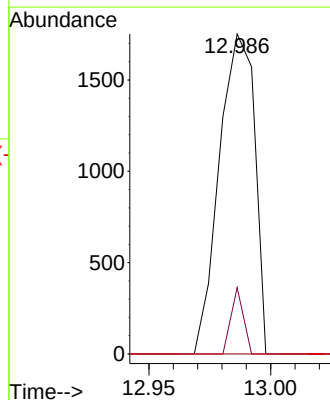
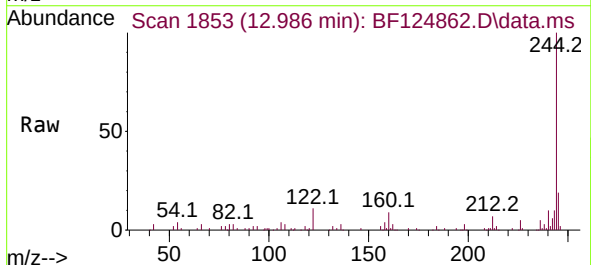
Instrument :
BNA_F
ClientSampleId :
MH-458-COMP

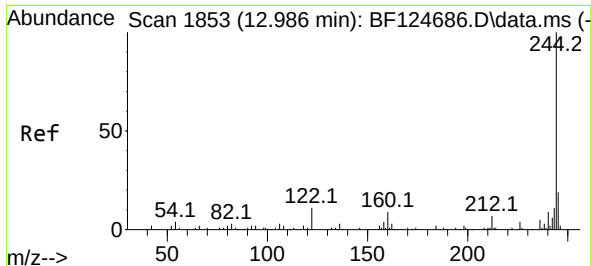
Tgt Ion:240 Resp: 22807
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.4 21.6 32.4



#77
Benzidine
Concen: 2.75 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion:184 Resp: 1768
Ion Ratio Lower Upper
184 100
185 20.7 10.8 16.2#
183 0.0 8.1 12.1#

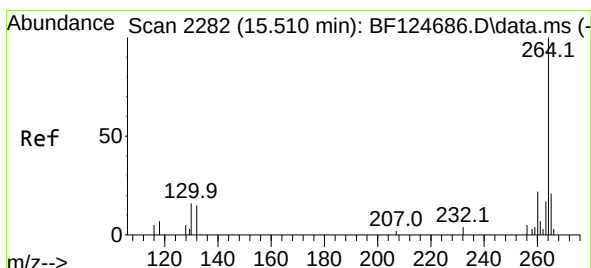
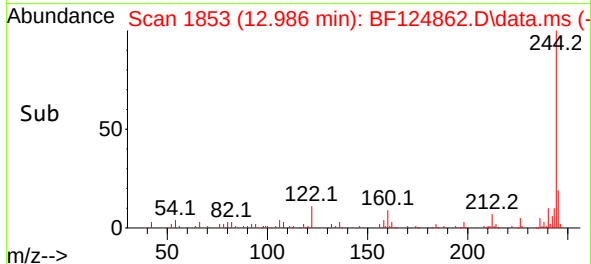
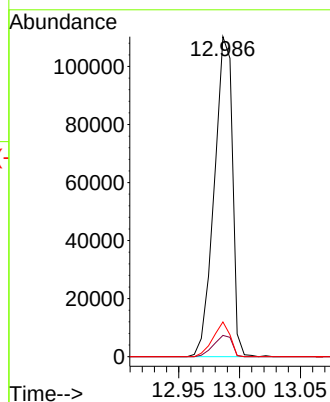
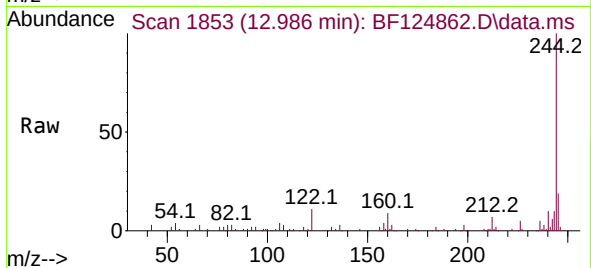




#79
Terphenyl-d14
Concen: 85.98 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Instrument :
BNA_F
ClientSampleId :
MH-458-COMP

Tgt Ion:244 Resp: 114400
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.8 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124862.D
Acq: 29 Jul 2021 21:06

Tgt Ion:264 Resp: 16696
Ion Ratio Lower Upper
264 100
260 22.3 19.6 29.4
265 20.0 17.2 25.8

