

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
 Data File : BF124589.D
 Acq On : 16 Jul 2021 10:11
 Operator : JU/CG
 Sample : PB137634BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137634BL

Quant Time: Jul 16 12:07:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

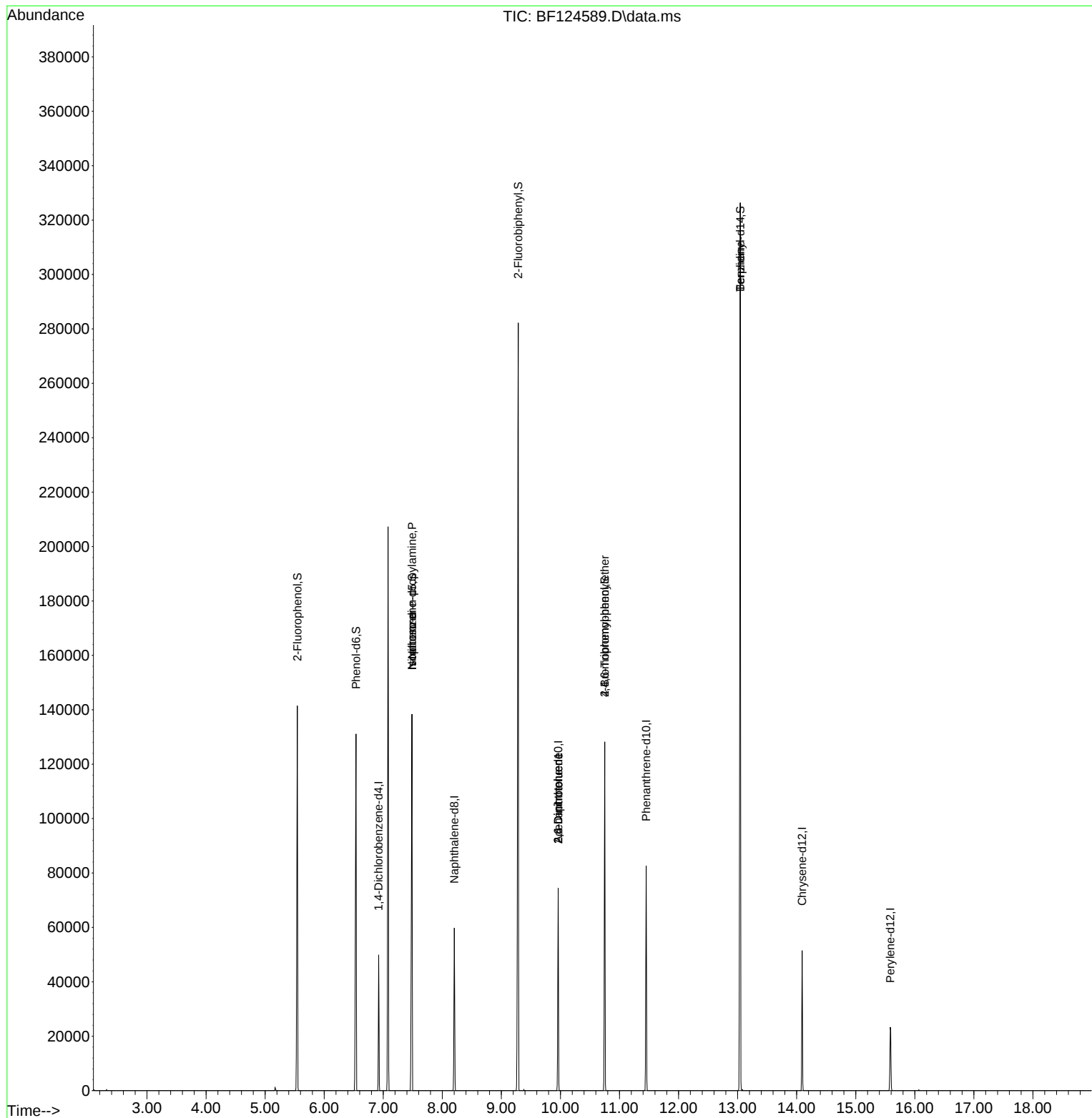
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	6991	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	27955	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	15623	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	29191	20.000	ng	0.00
76) Chrysene-d12	14.092	240	18228	20.000	ng	0.00
86) Perylene-d12	15.586	264	13129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	37277	92.383	ng	0.00
7) Phenol-d6	6.540	99	42480	86.541	ng	0.00
23) Nitrobenzene-d5	7.487	82	42525	96.029	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	11765	96.771	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	97720	91.211	ng	0.00
79) Terphenyl-d14	13.045	244	113186	104.270	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	5822	21.096	ng	# 72
25) Isophorone	7.487	82	42523	52.308	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1893	8.834	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1893	6.453	ng	# 18
67) 4-Bromophenyl-phenylether	10.751	248	874	2.896	ng	# 1
77) Benzidine	13.045	184	1809	2.655	ng	# 87

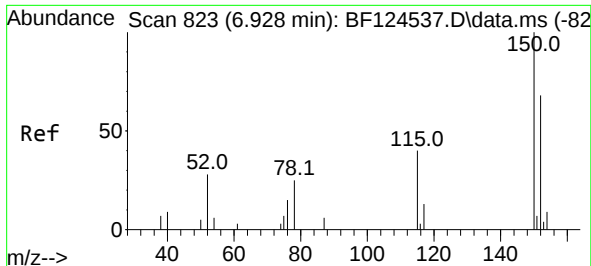
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
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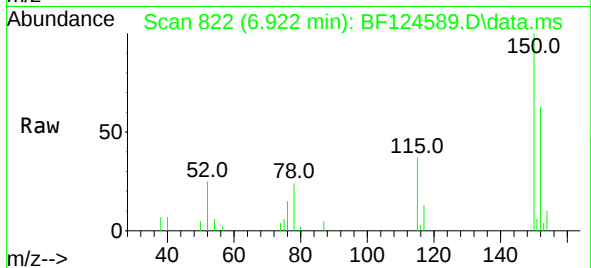
Quant Time: Jul 16 12:07:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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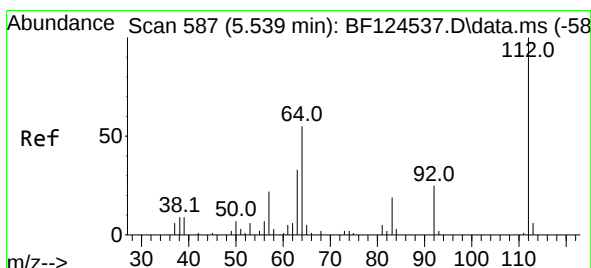
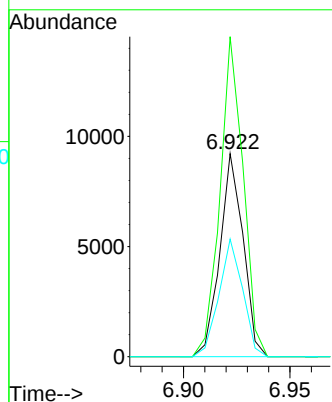
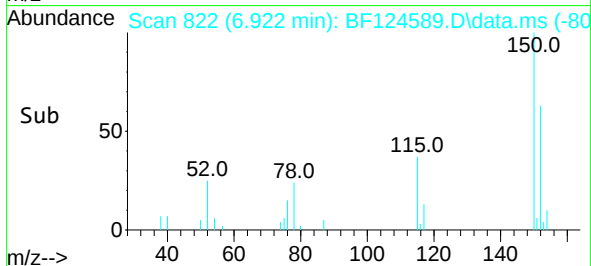


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

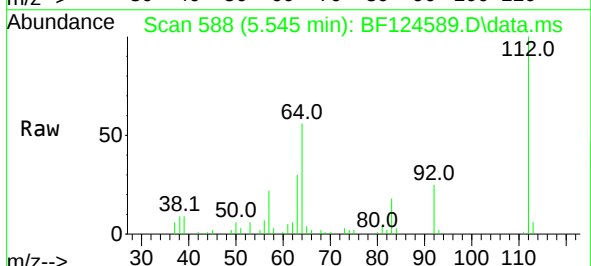
Instrument :
BNA_F
ClientSampleId :
PB137634BL



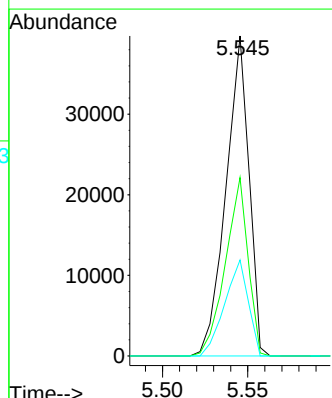
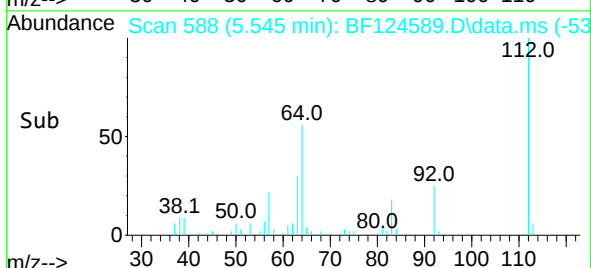
Tgt Ion:152 Resp: 6991
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 57.9 47.1 70.7

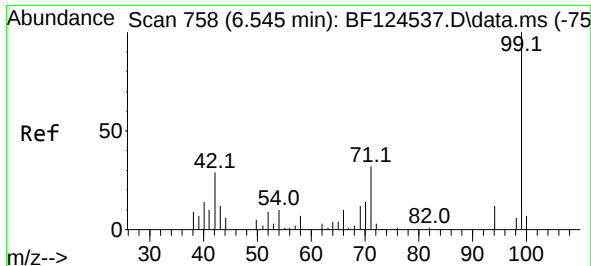


#5
2-Fluorophenol
Concen: 92.383 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11



Tgt Ion:112 Resp: 37277
Ion Ratio Lower Upper
112 100
64 55.8 44.2 66.2
63 30.0 26.2 39.2

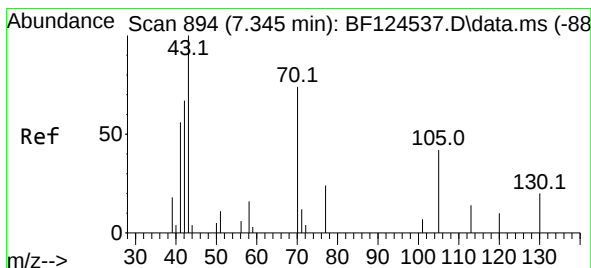
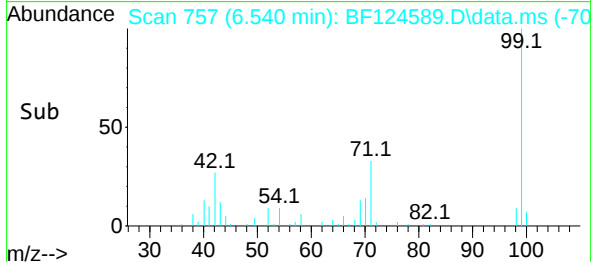
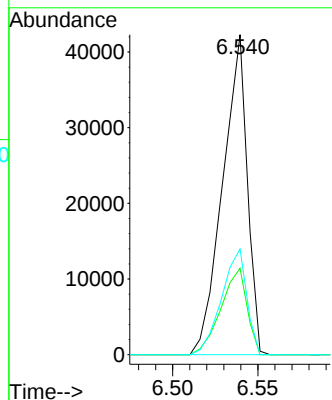
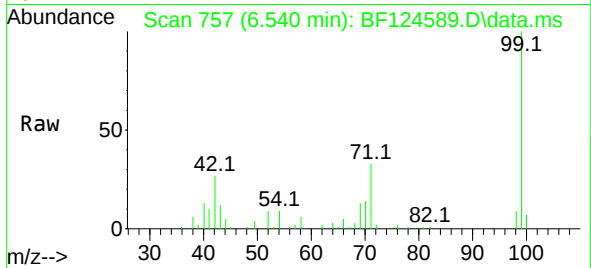




#7
Phenol-d6
Concen: 86.541 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.005 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

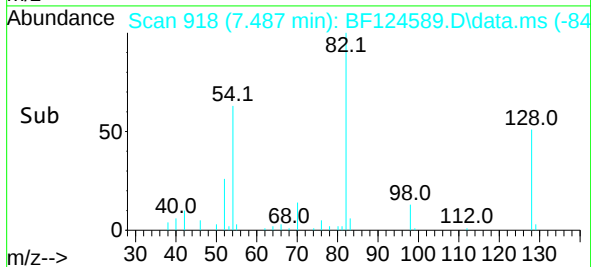
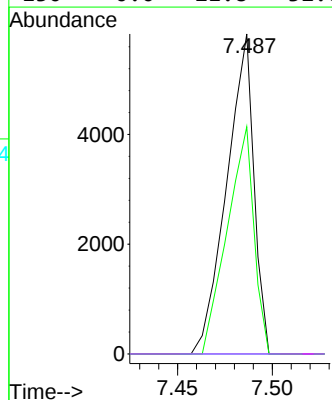
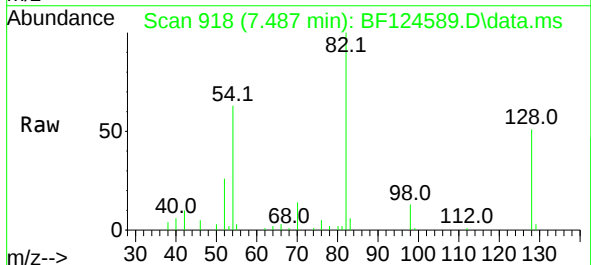
Instrument :
BNA_F
ClientSampleId :
PB137634BL

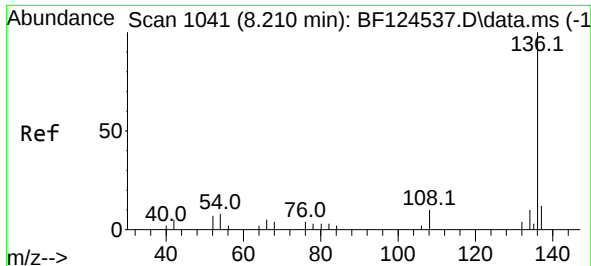
Tgt Ion: 99 Resp: 42480
Ion Ratio Lower Upper
99 100
42 27.0 23.5 35.3
71 33.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.096 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

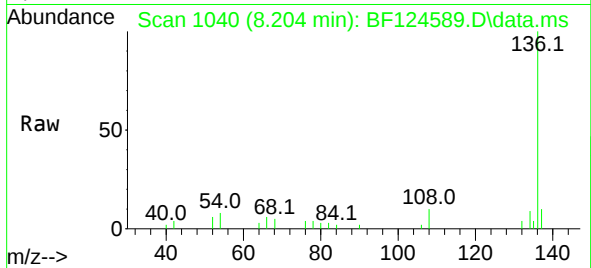
Tgt Ion: 70 Resp: 5822
Ion Ratio Lower Upper
70 100
42 71.0 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



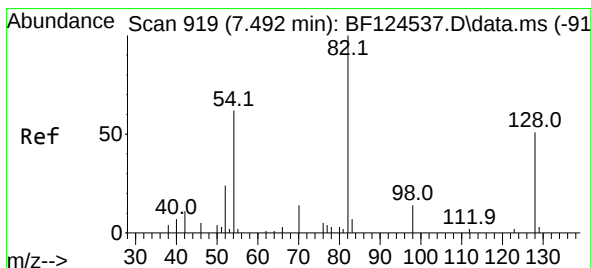
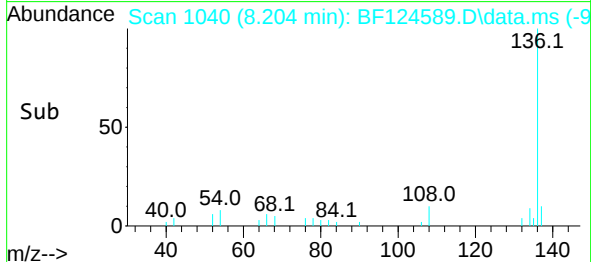
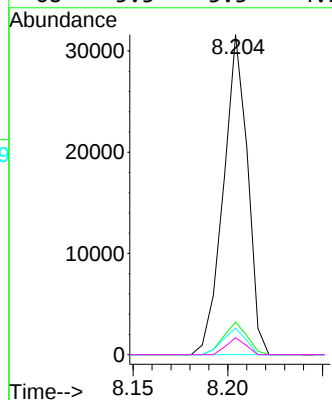


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

Instrument :
BNA_F
ClientSampleId :
PB137634BL

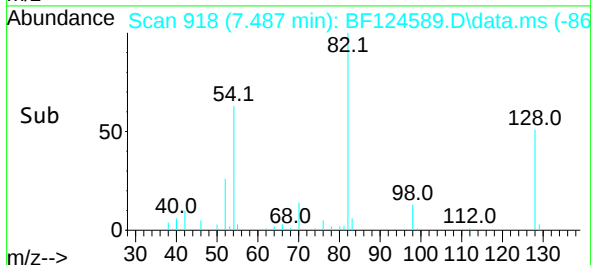
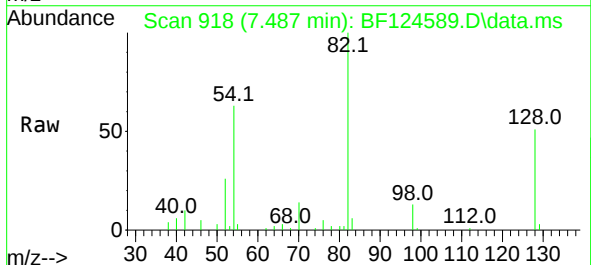
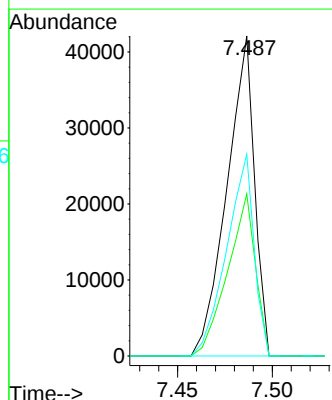


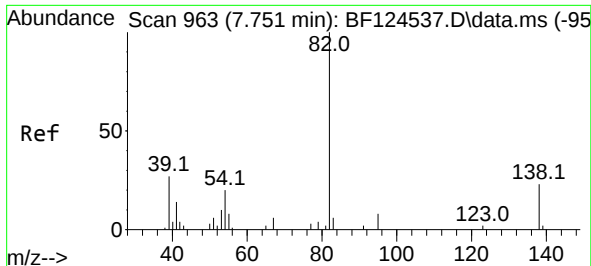
Tgt Ion:136 Resp: 27955
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 8.2 6.4 9.6
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 96.029 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.005 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

Tgt Ion: 82 Resp: 42525
Ion Ratio Lower Upper
82 100
128 50.7 40.6 60.8
54 63.1 49.6 74.4

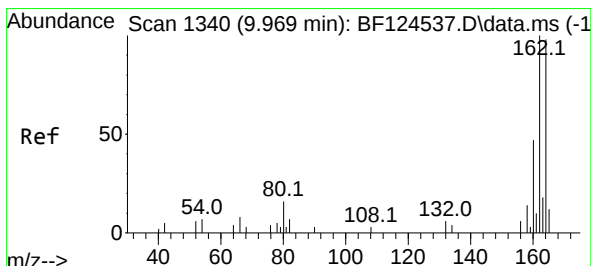
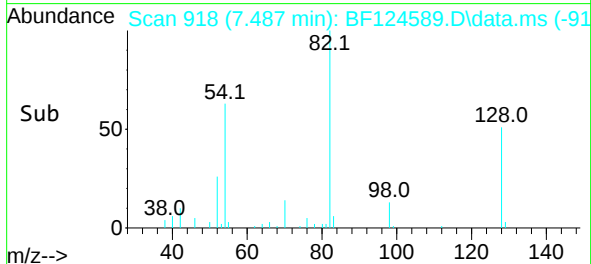
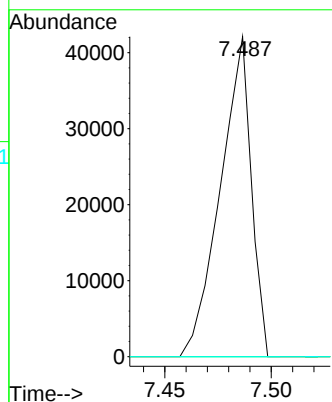
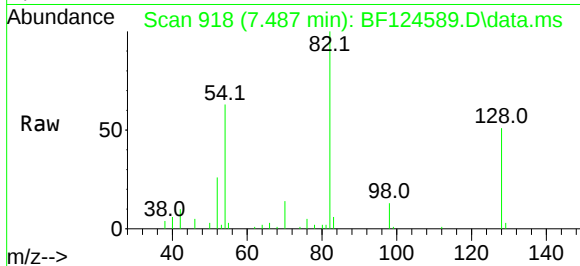




#25
Isophorone
Concen: 52.308 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

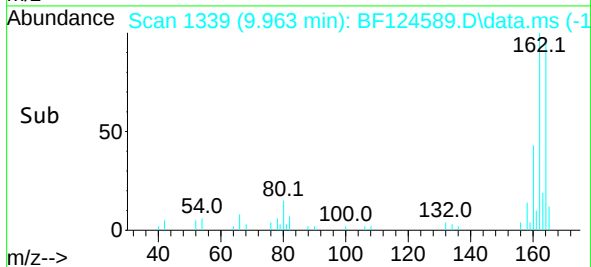
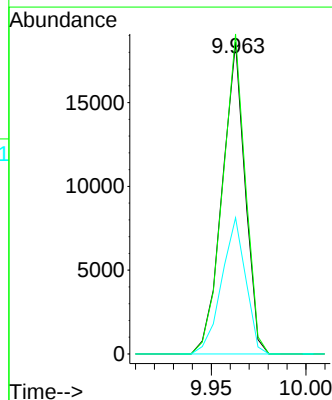
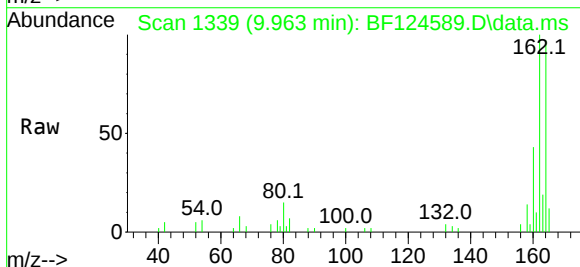
Instrument :
BNA_F
ClientSampleId :
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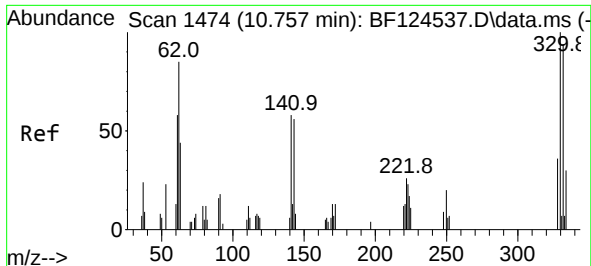
Tgt Ion: 82 Resp: 42523
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

Tgt Ion: 164 Resp: 15623
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 43.6 38.0 57.0

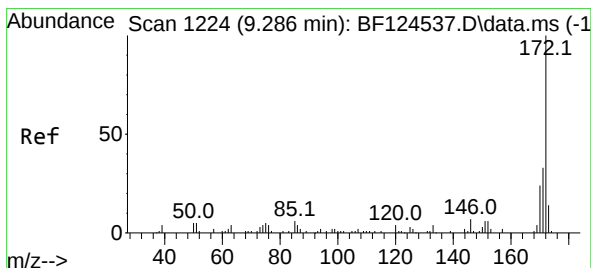
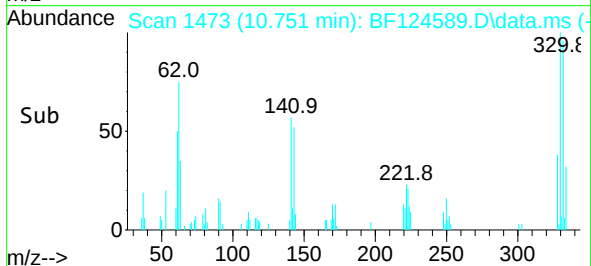
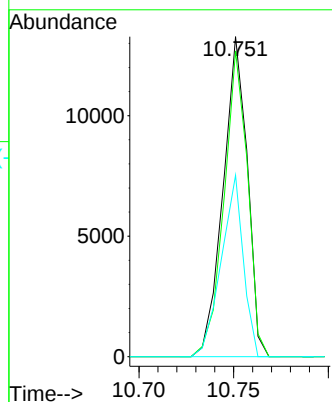
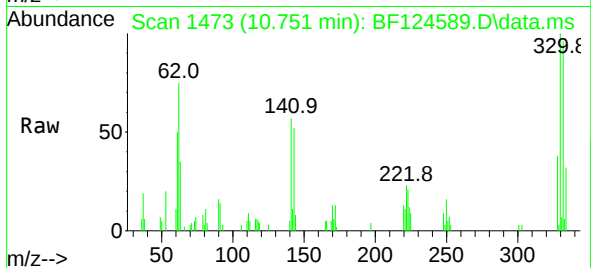




#42
2,4,6-Tribromophenol
Concen: 96.771 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

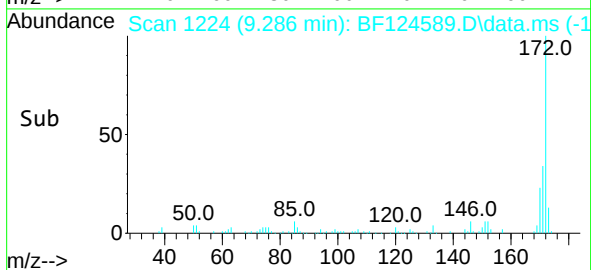
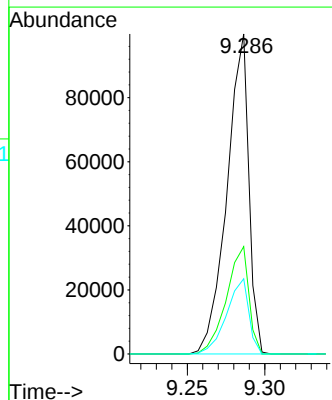
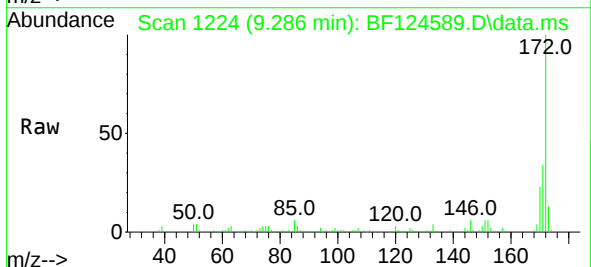
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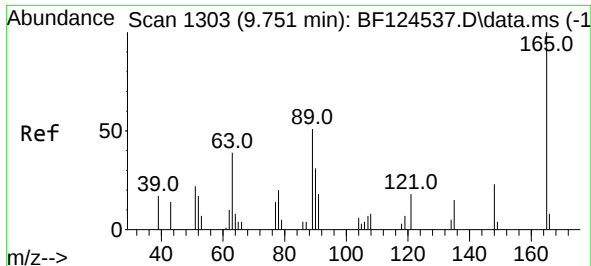
Tgt Ion: 330 Resp: 11765
Ion Ratio Lower Upper
330 100
332 93.1 76.2 114.4
141 51.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 91.211 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

Tgt Ion: 172 Resp: 97720
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.5 18.8 28.2

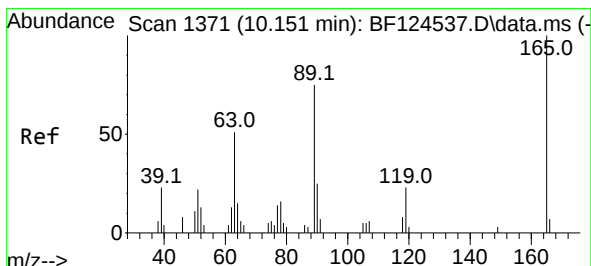
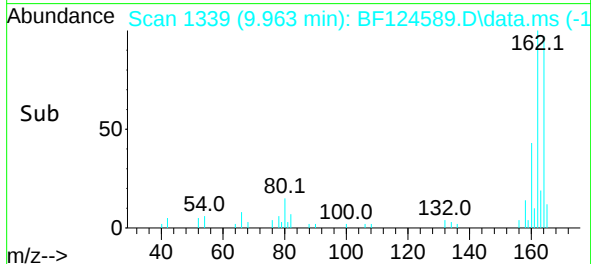
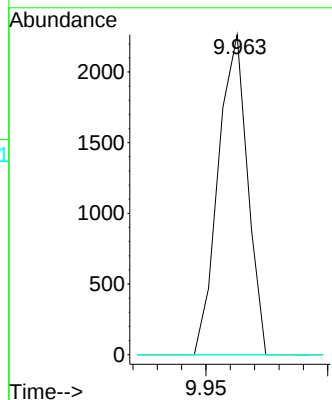
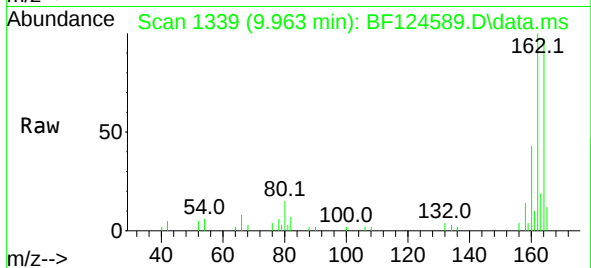




#51
2,6-Dinitrotoluene
Concen: 8.834 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

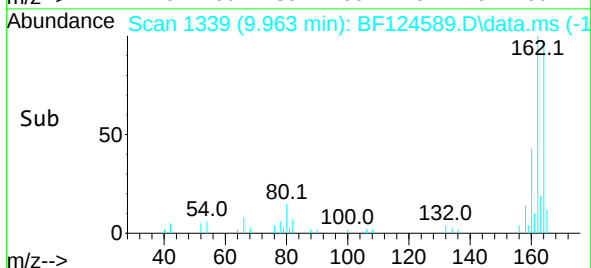
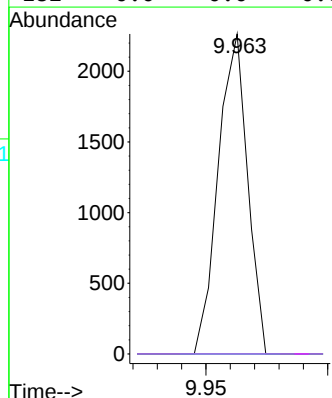
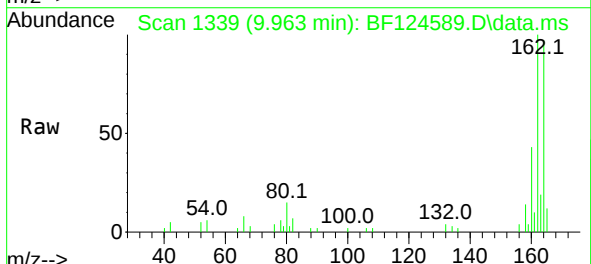
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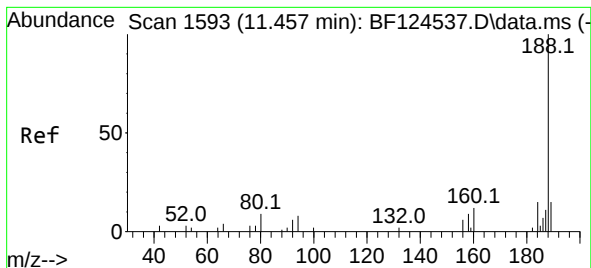
Tgt Ion:165 Resp: 1893
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.453 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

Tgt Ion:165 Resp: 1893
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

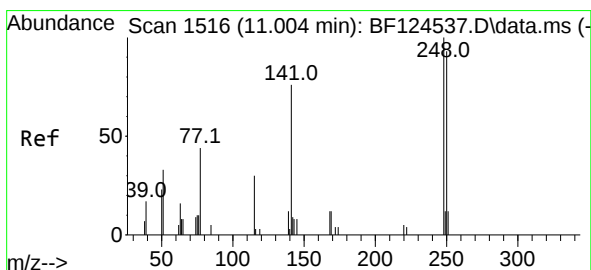
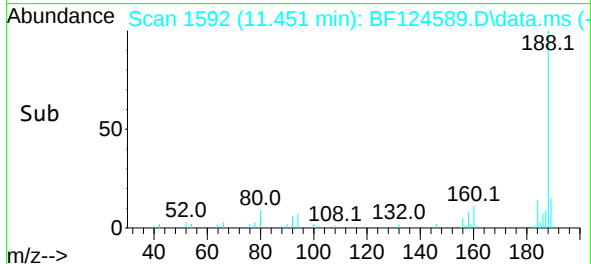
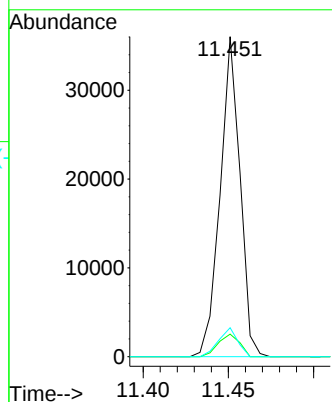
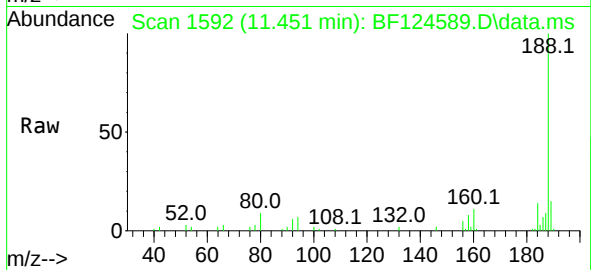




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

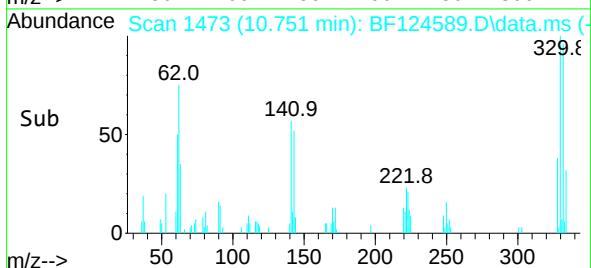
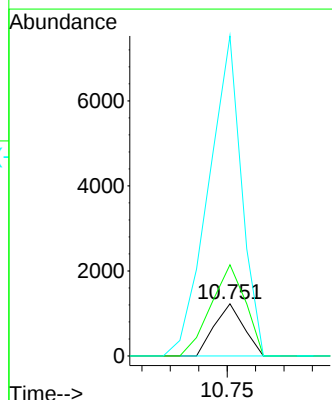
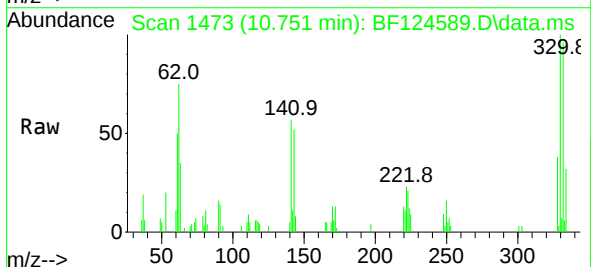
Instrument :
BNA_F
ClientSampleId :
PB137634BL

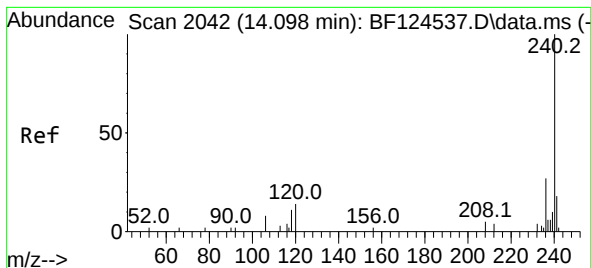
Tgt Ion:188 Resp: 29191
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.896 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.253 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

Tgt Ion:248 Resp: 874
Ion Ratio Lower Upper
248 100
250 175.0 74.2 111.4#
141 613.9 60.4 90.6#

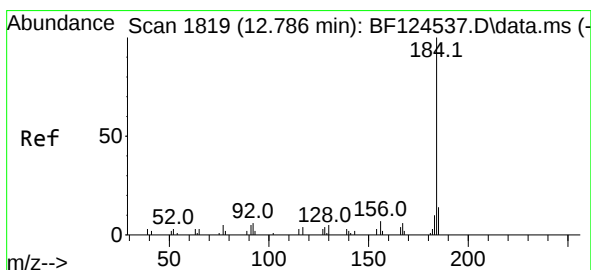
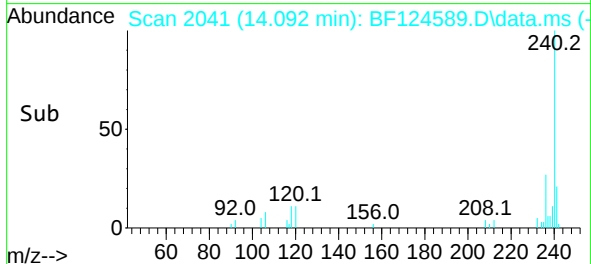
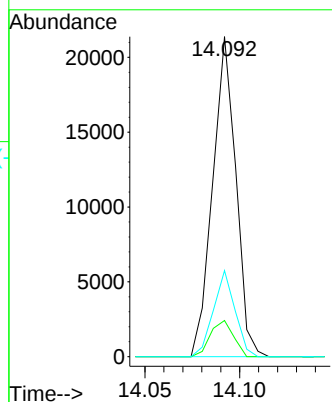
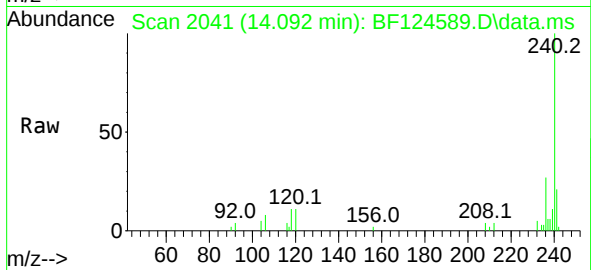




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

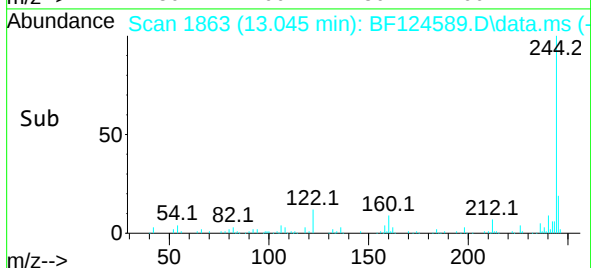
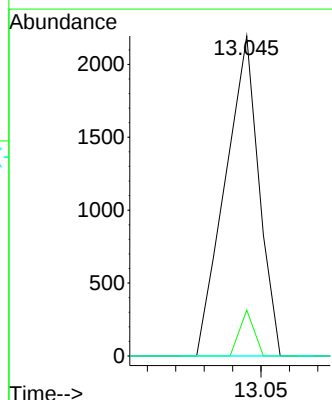
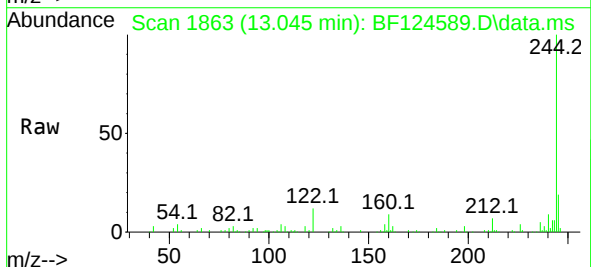
Instrument :
BNA_F
ClientSampleId :
PB137634BL

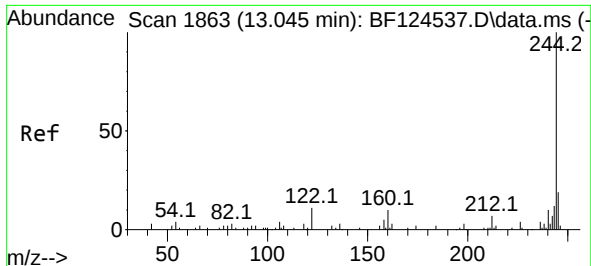
Tgt Ion:240 Resp: 18228
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.9 21.6 32.4



#77
Benzidine
Concen: 2.655 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF124589.D
Acq: 16 Jul 2021 10:11

Tgt Ion:184 Resp: 1809
Ion Ratio Lower Upper
184 100
185 14.4 10.8 16.2
183 0.0 8.1 12.1#

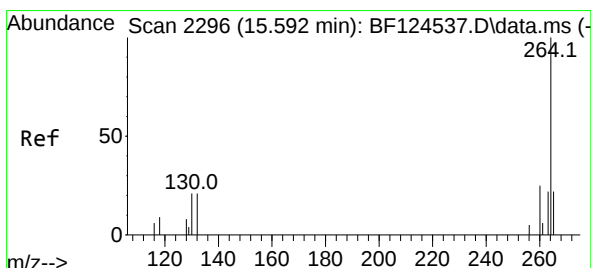
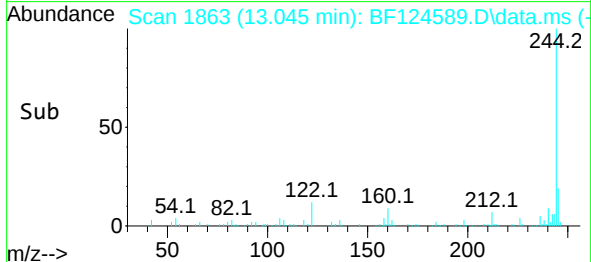
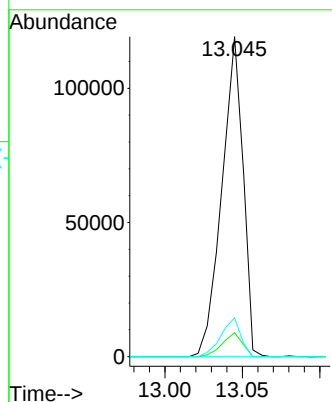
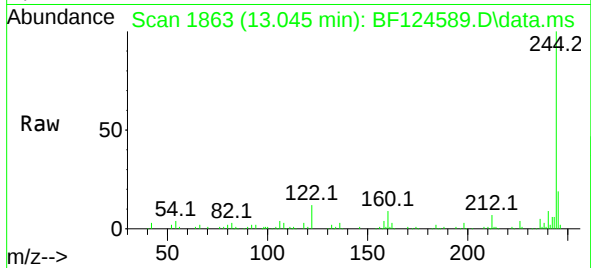




#79
 Terphenyl-d14
 Concen: 104.270 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF124589.D
 Acq: 16 Jul 2021 10:11

Instrument :
 BNA_F
 ClientSampleId :
 PB137634BL

Tgt Ion:244 Resp: 113186
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF124589.D
 Acq: 16 Jul 2021 10:11

Tgt Ion:264 Resp: 13129
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 22.4 17.2 25.8

