

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127656.D
 Acq On : 06 Apr 2022 19:10
 Operator : CG\JU
 Sample : N2277-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-1

Quant Time: Apr 07 02:39:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

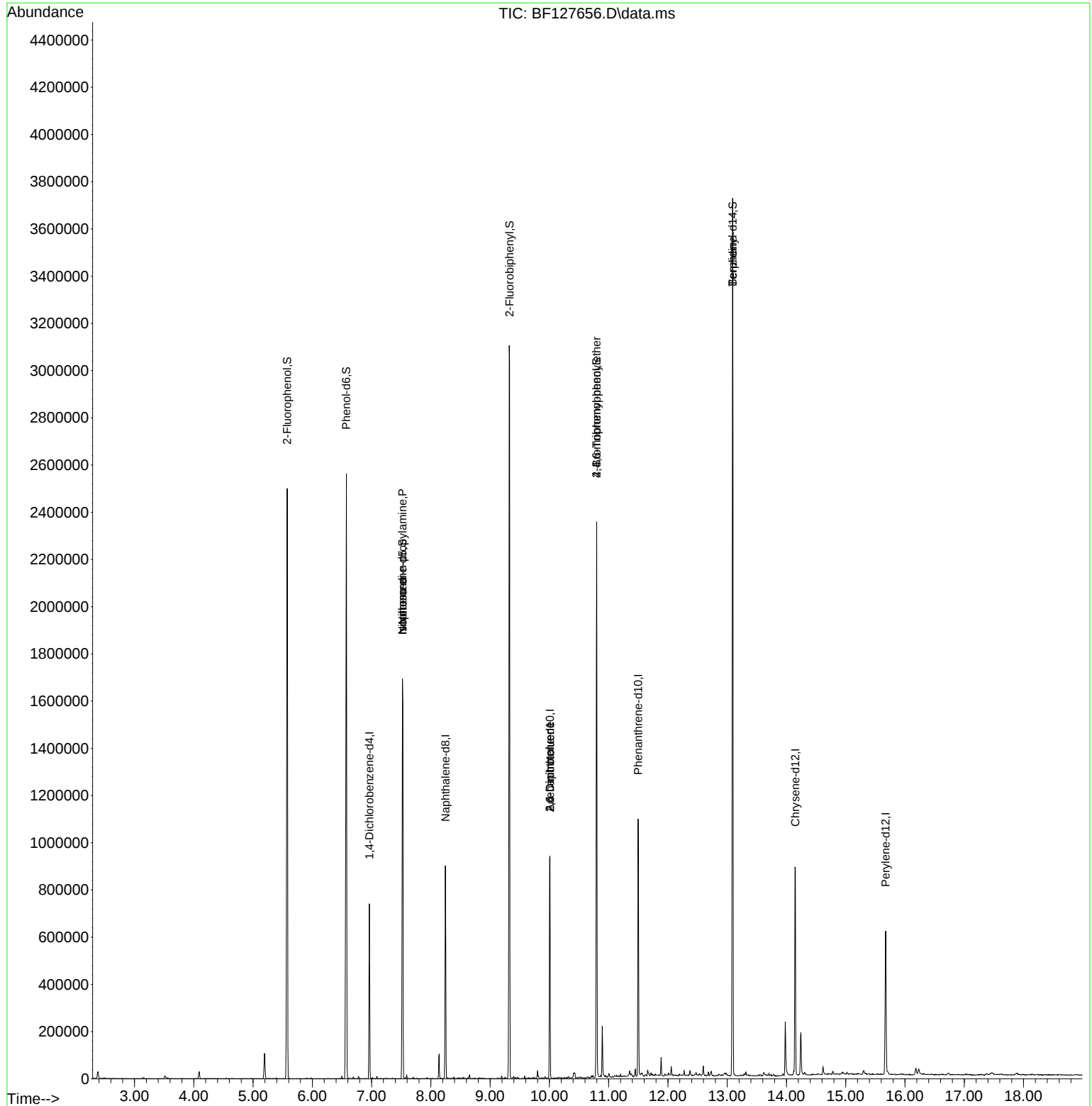
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	93618	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	340360	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	195825	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	369918	20.000	ng	0.00
76) Chrysene-d12	14.151	240	326543	20.000	ng	0.00
86) Perylene-d12	15.674	264	269560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	630969	109.516	ng	0.00
7) Phenol-d6	6.575	99	808942	107.327	ng	0.00
23) Nitrobenzene-d5	7.522	82	577858	75.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	240967	115.634	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1012824	73.168	ng	0.00
79) Terphenyl-d14	13.092	244	1303749	65.902	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	1719	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	79458	16.299	ng	# 76
25) Isophorone	7.522	82	577966	43.385	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	25735	9.618	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	25735	7.758	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	16259	3.622	ng	# 1
77) Benzydine	13.092	184	19564	2.295	ng	# 92

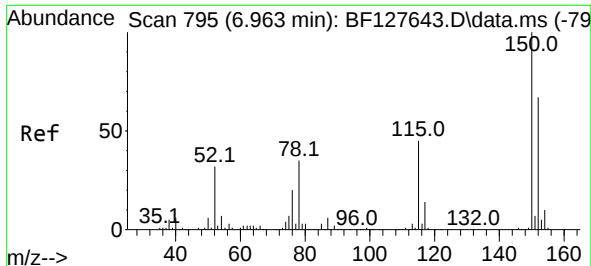
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
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Misc :
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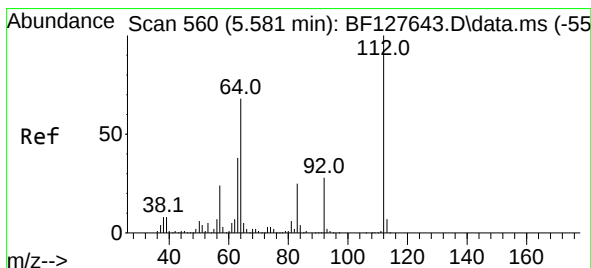
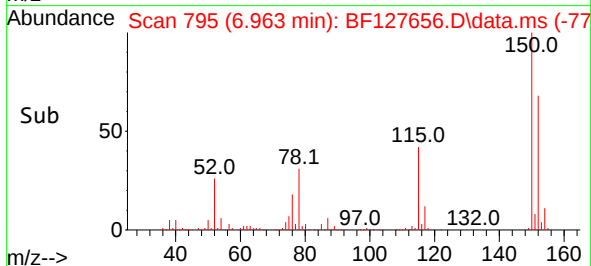
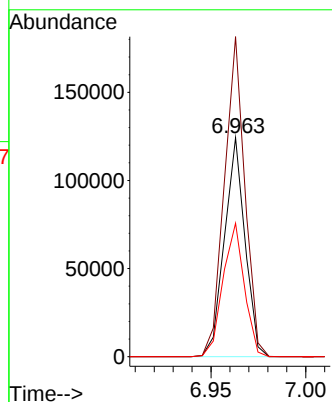
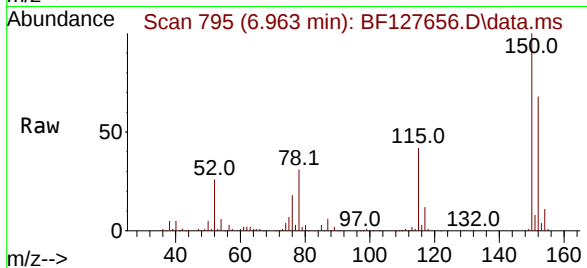




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

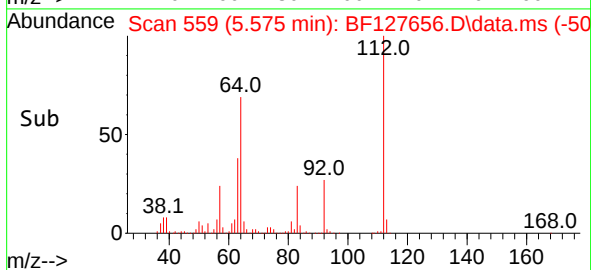
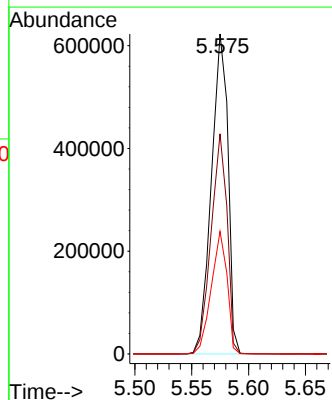
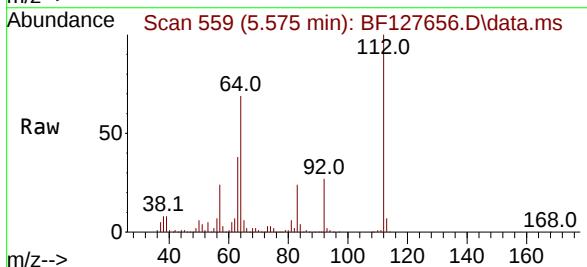
Instrument :
BNA_F
ClientSampleId :
PF-1

Tgt Ion:152 Resp: 93618
Ion Ratio Lower Upper
152 100
150 146.1 117.2 175.8
115 60.9 49.8 74.6



#5
2-Fluorophenol
Concen: 109.516 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

Tgt Ion:112 Resp: 630969
Ion Ratio Lower Upper
112 100
64 68.8 58.4 87.6
63 38.3 30.1 45.1

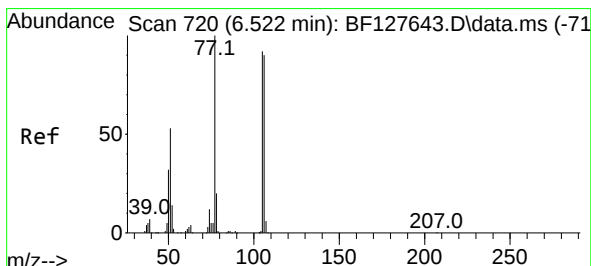
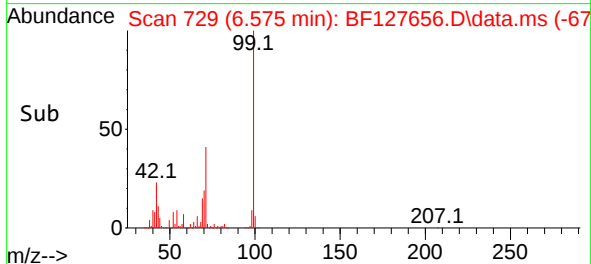
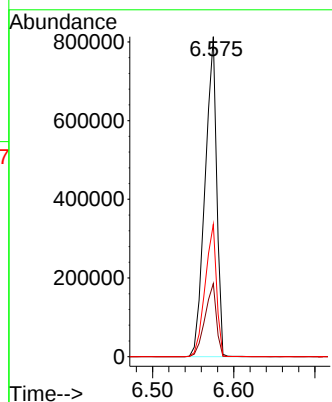
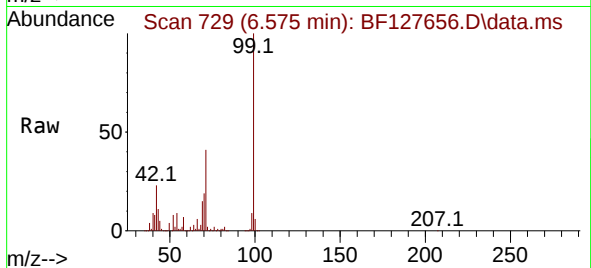




#7
Phenol-d6
Concen: 107.327 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

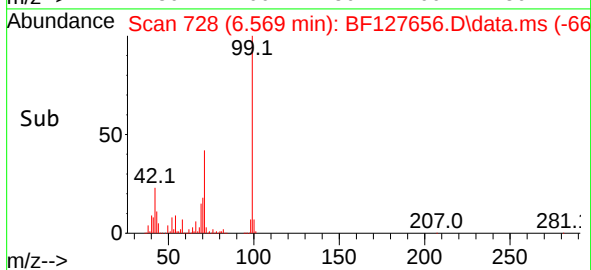
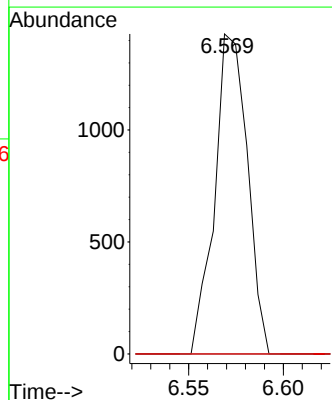
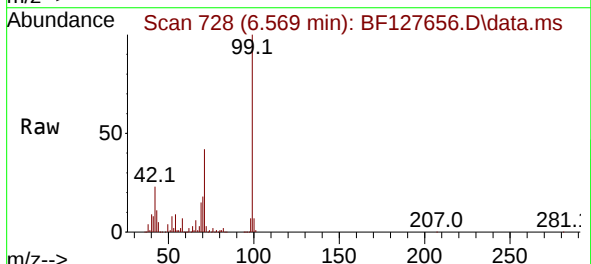
Instrument :
BNA_F
ClientSampleId :
PF-1

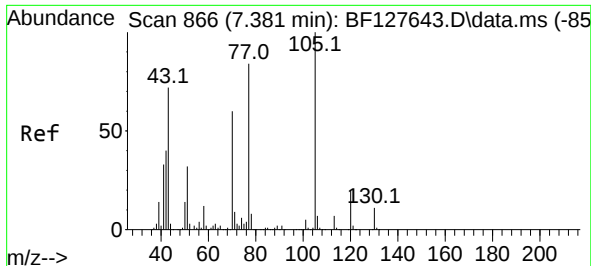
Tgt Ion: 99 Resp: 808942
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 41.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.047 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

Tgt Ion: 77 Resp: 1719
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

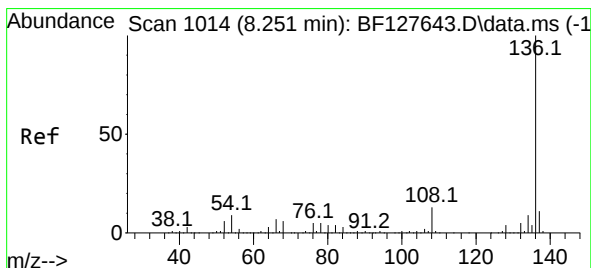
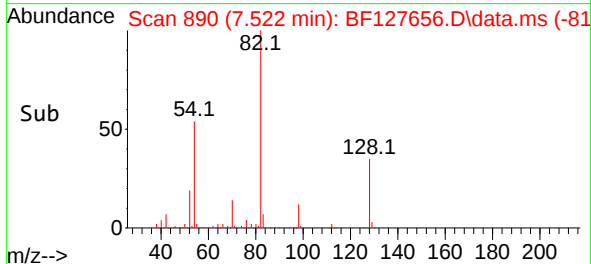
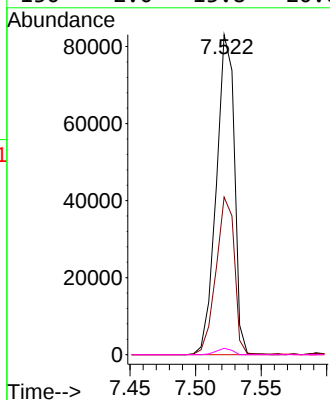
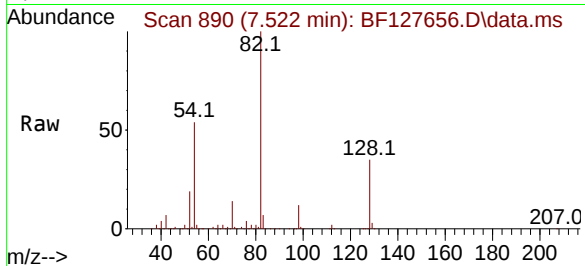




#19
n-Nitroso-di-n-propylamine
Concen: 16.299 ng
RT: 7.522 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

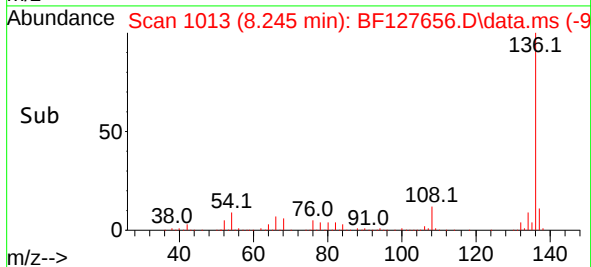
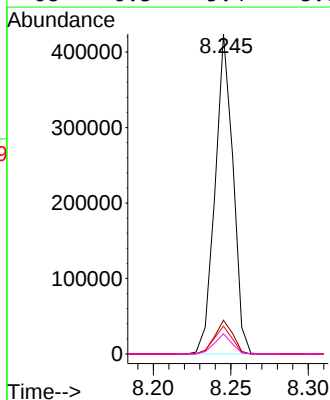
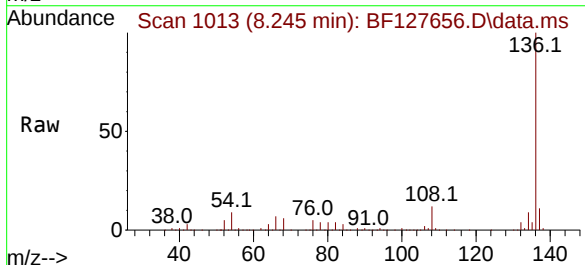
Instrument :
BNA_F
ClientSampleId :
PF-1

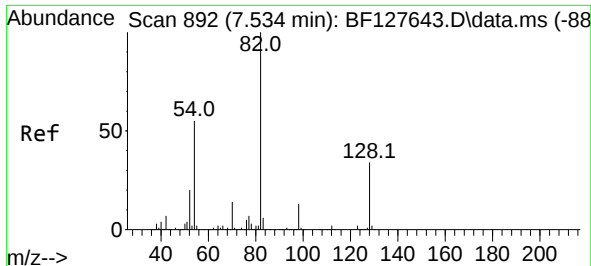
Tgt Ion: 70 Resp: 79458
Ion Ratio Lower Upper
70 100
42 49.3 53.0 79.6#
101 0.0 6.8 10.2#
130 2.0 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

Tgt Ion: 136 Resp: 340360
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 9.2 13.8#
68 6.3 5.4 8.0

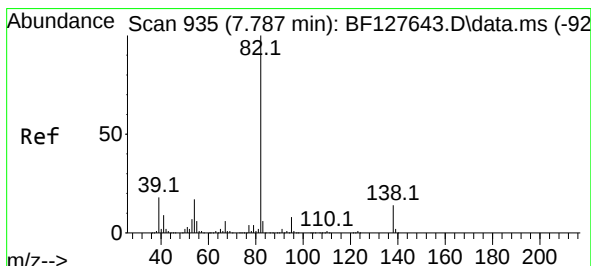
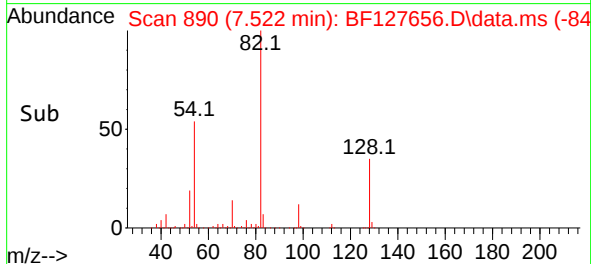
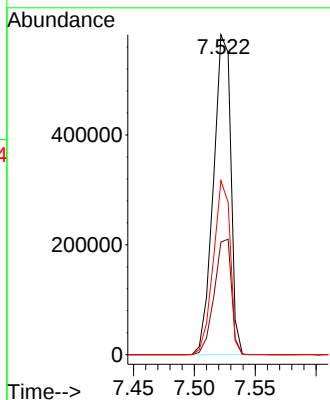
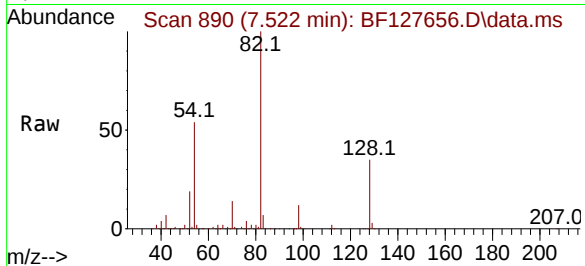




#23
Nitrobenzene-d5
Concen: 75.689 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

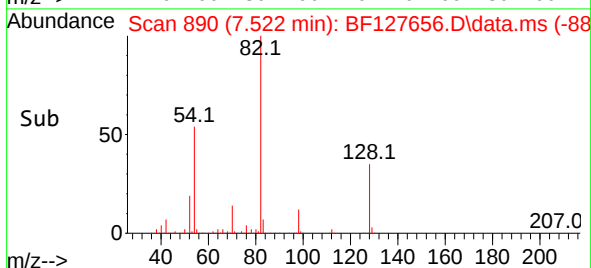
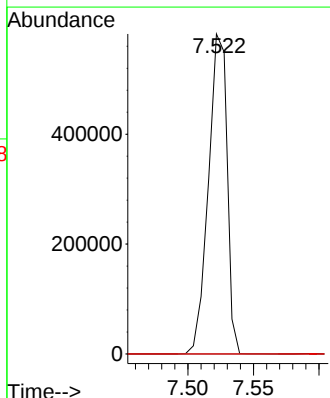
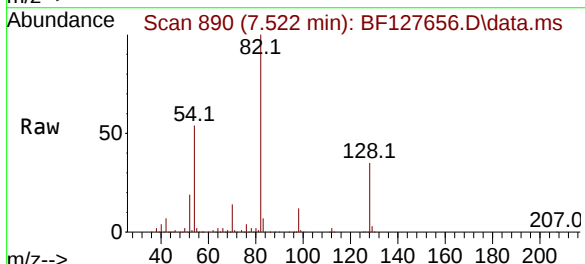
Instrument :
BNA_F
ClientSampleId :
PF-1

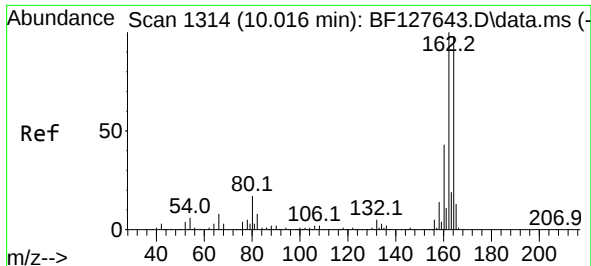
Tgt Ion: 82 Resp: 577858
Ion Ratio Lower Upper
82 100
128 35.2 30.6 45.8
54 54.4 48.2 72.2



#25
Isophorone
Concen: 43.385 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

Tgt Ion: 82 Resp: 577966
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

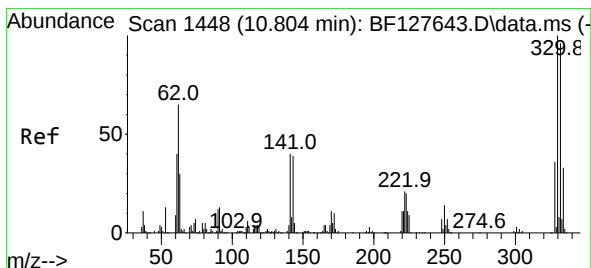
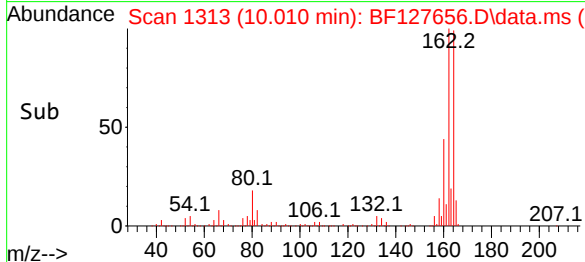
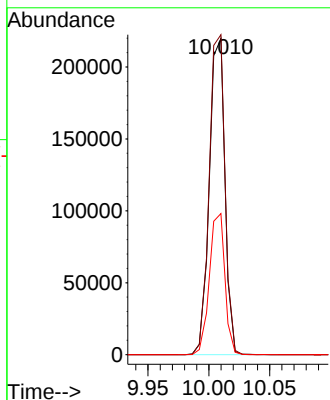
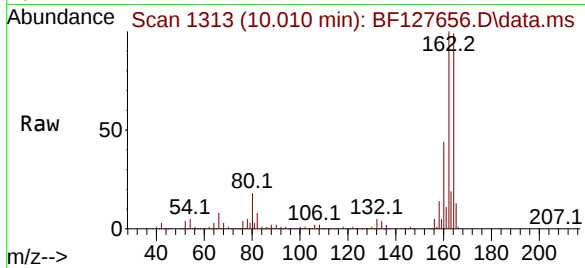




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

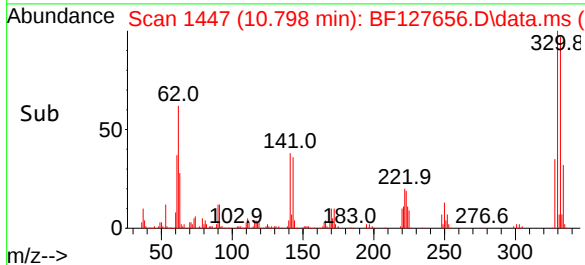
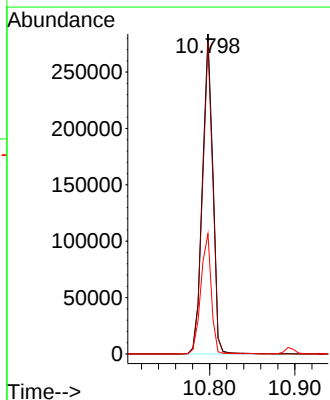
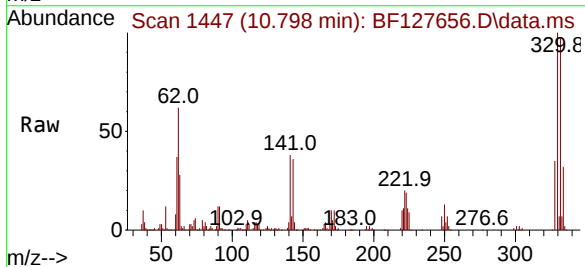
Instrument :
BNA_F
ClientSampleId :
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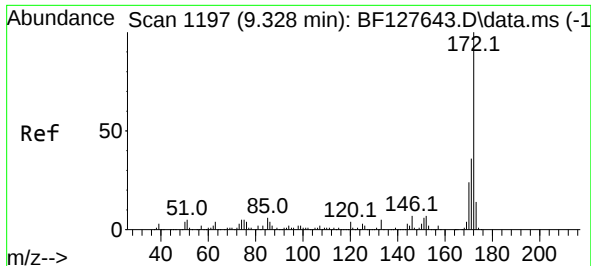
Tgt Ion:164 Resp: 195825
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 44.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 115.634 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

Tgt Ion:330 Resp: 240967
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 37.6 26.2 39.4

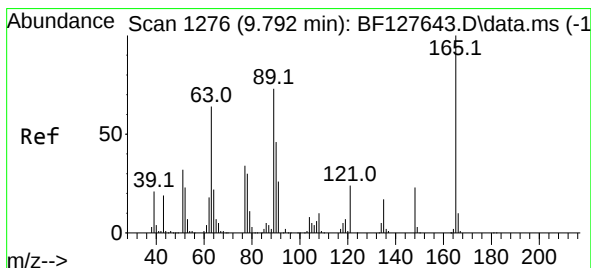
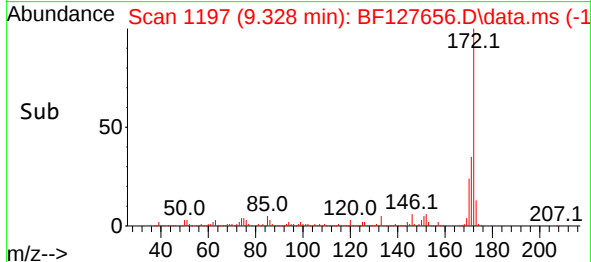
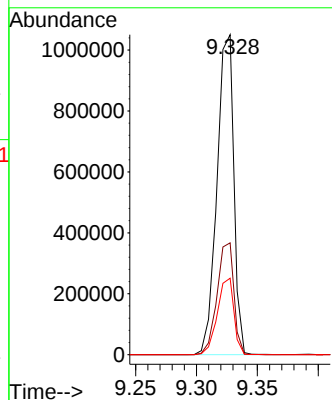
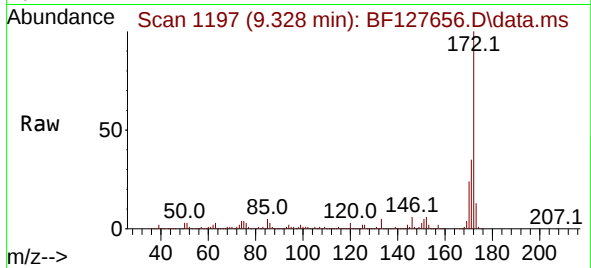




#45
2-Fluorobiphenyl
Concen: 73.168 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

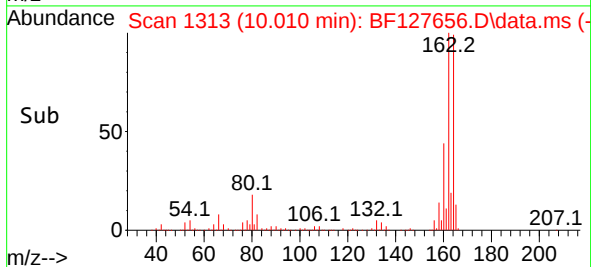
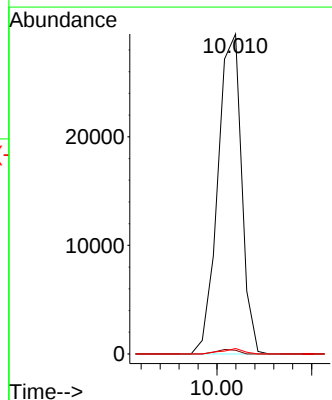
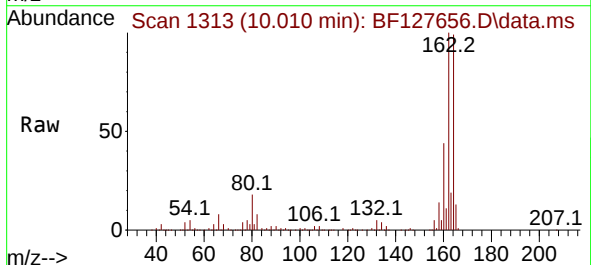
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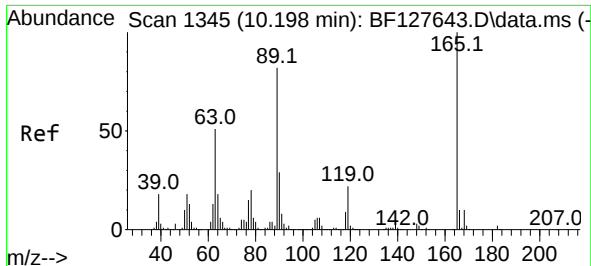
Tgt Ion:172 Resp: 1012824
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.618 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

Tgt Ion:165 Resp: 25735
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.7 51.5 77.3#

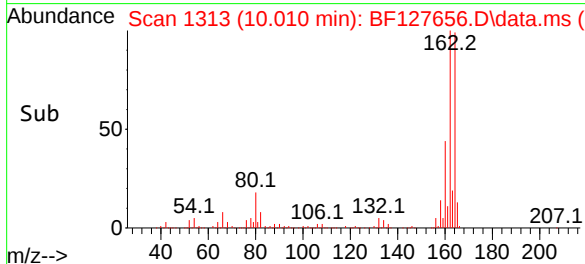
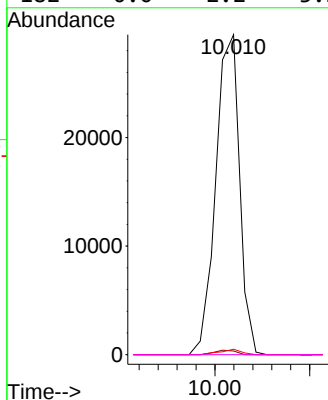
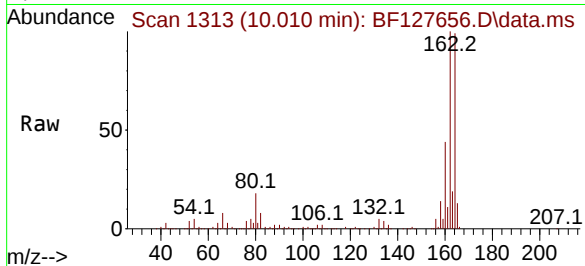




#57
2,4-Dinitrotoluene
Concen: 7.758 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

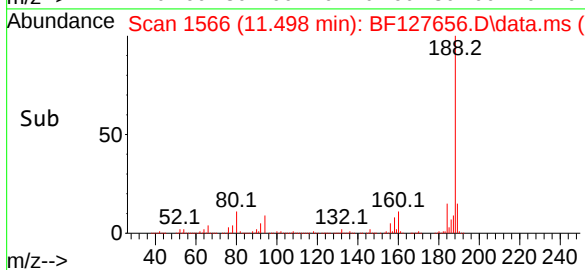
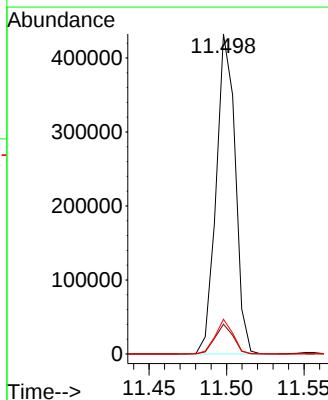
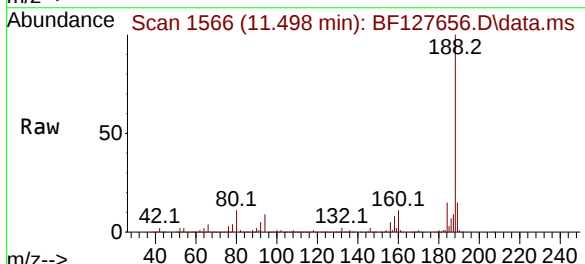
Instrument :
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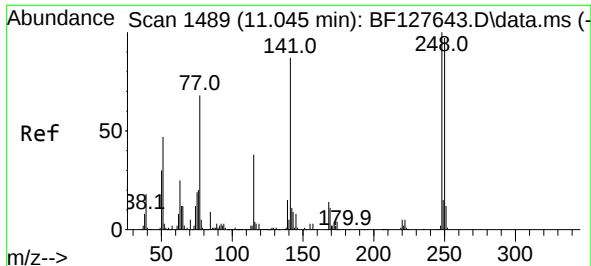
Tgt Ion:165 Resp: 25735
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

Tgt Ion:188 Resp: 369918
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.8 8.0 12.0

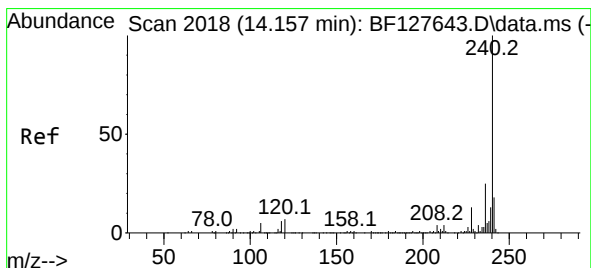
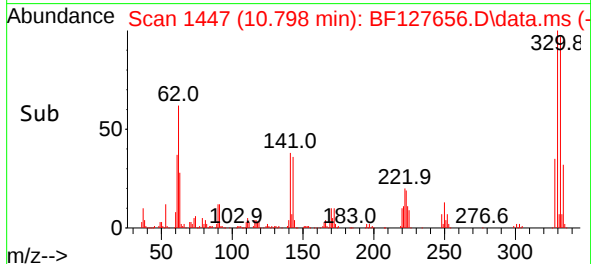
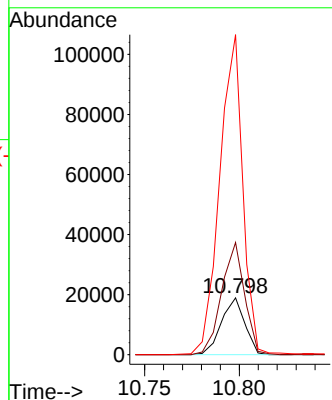
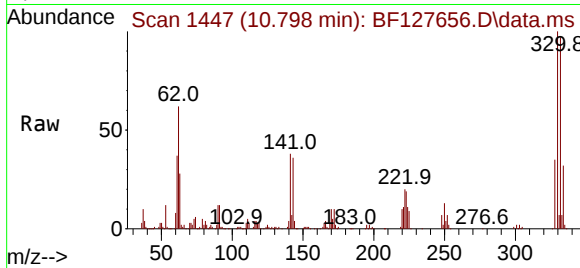




#67
4-Bromophenyl-phenylether
Concen: 3.622 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

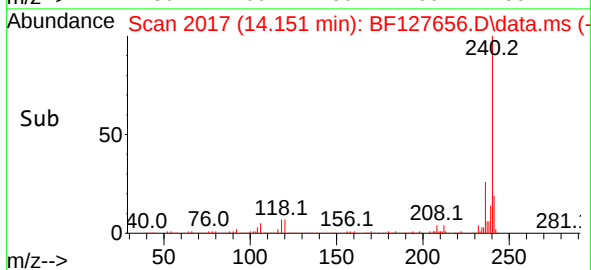
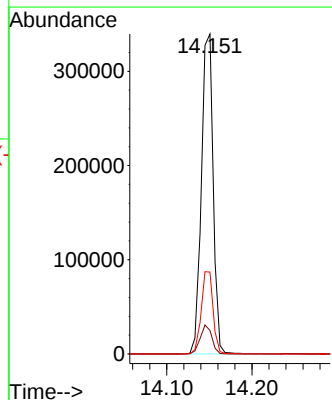
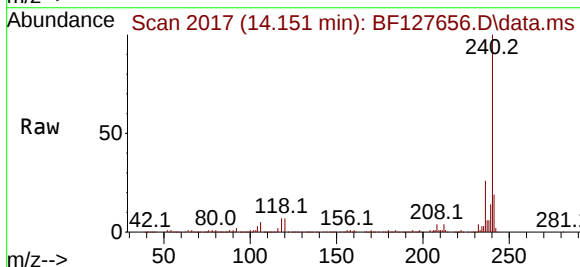
Instrument :
BNA_F
ClientSampleId :
PF-1

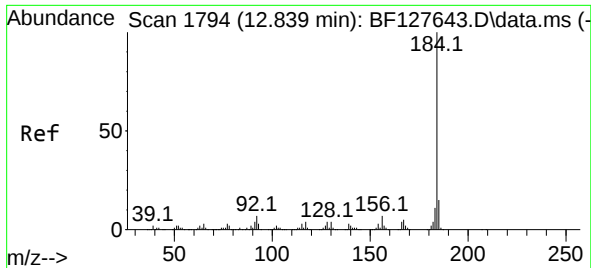
Tgt Ion:248 Resp: 16259
Ion Ratio Lower Upper
248 100
250 197.5 76.6 115.0#
141 563.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

Tgt Ion:240 Resp: 326543
Ion Ratio Lower Upper
240 100
120 7.4 7.1 10.7
236 25.6 20.7 31.1

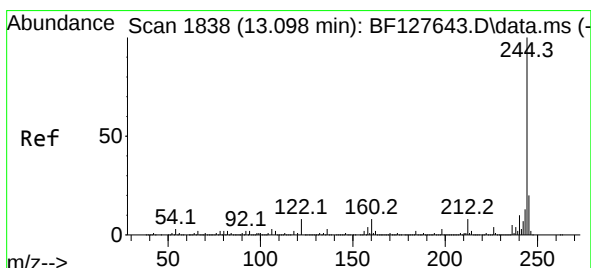
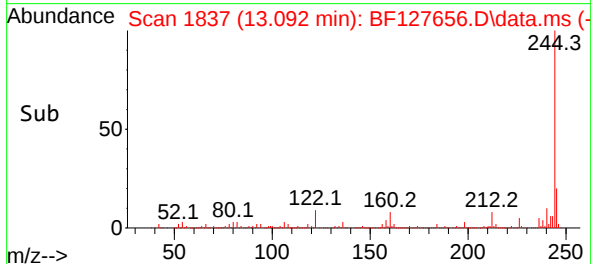
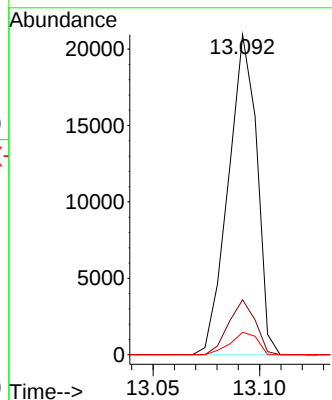
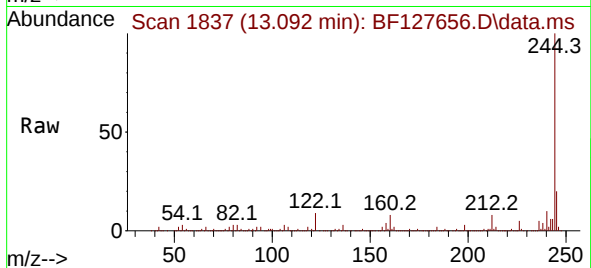




#77
Benzidine
Concen: 2.295 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

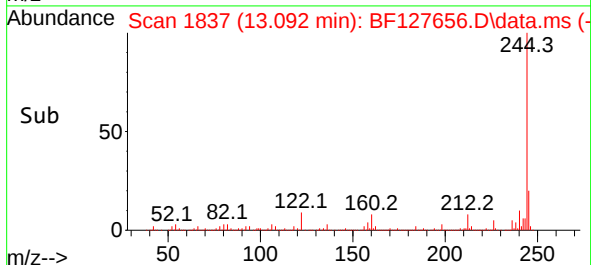
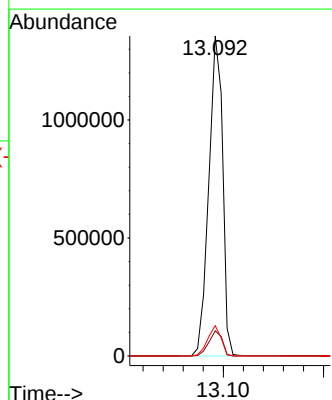
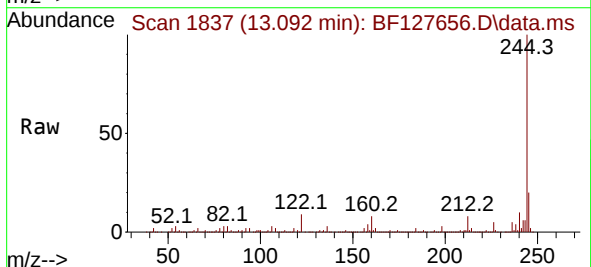
Instrument :
BNA_F
ClientSampleId :
PF-1

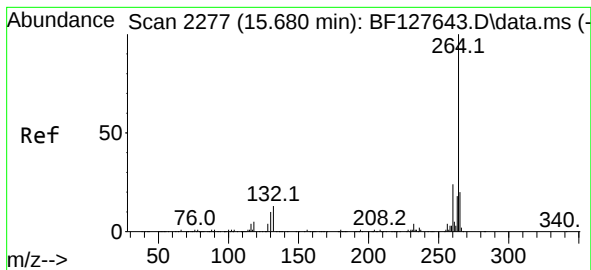
Tgt Ion:184 Resp: 19564
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.2
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 65.902 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127656.D
Acq: 06 Apr 2022 19:10

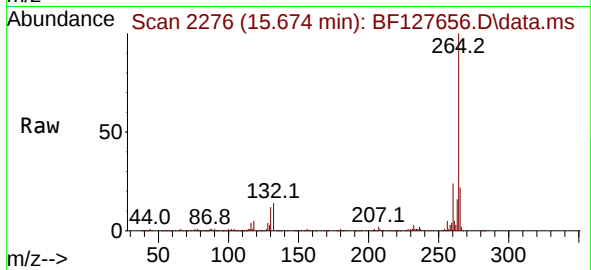
Tgt Ion:244 Resp: 1303749
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.4 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127656.D
 Acq: 06 Apr 2022 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PF-1



Tgt Ion:264 Resp: 269560
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.2 17.4 26.2

