

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022422\
 Data File : BF127056.D
 Acq On : 24 Feb 2022 14:28
 Operator : CG\JU
 Sample : PB142894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142894BL

Quant Time: Feb 24 16:33:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

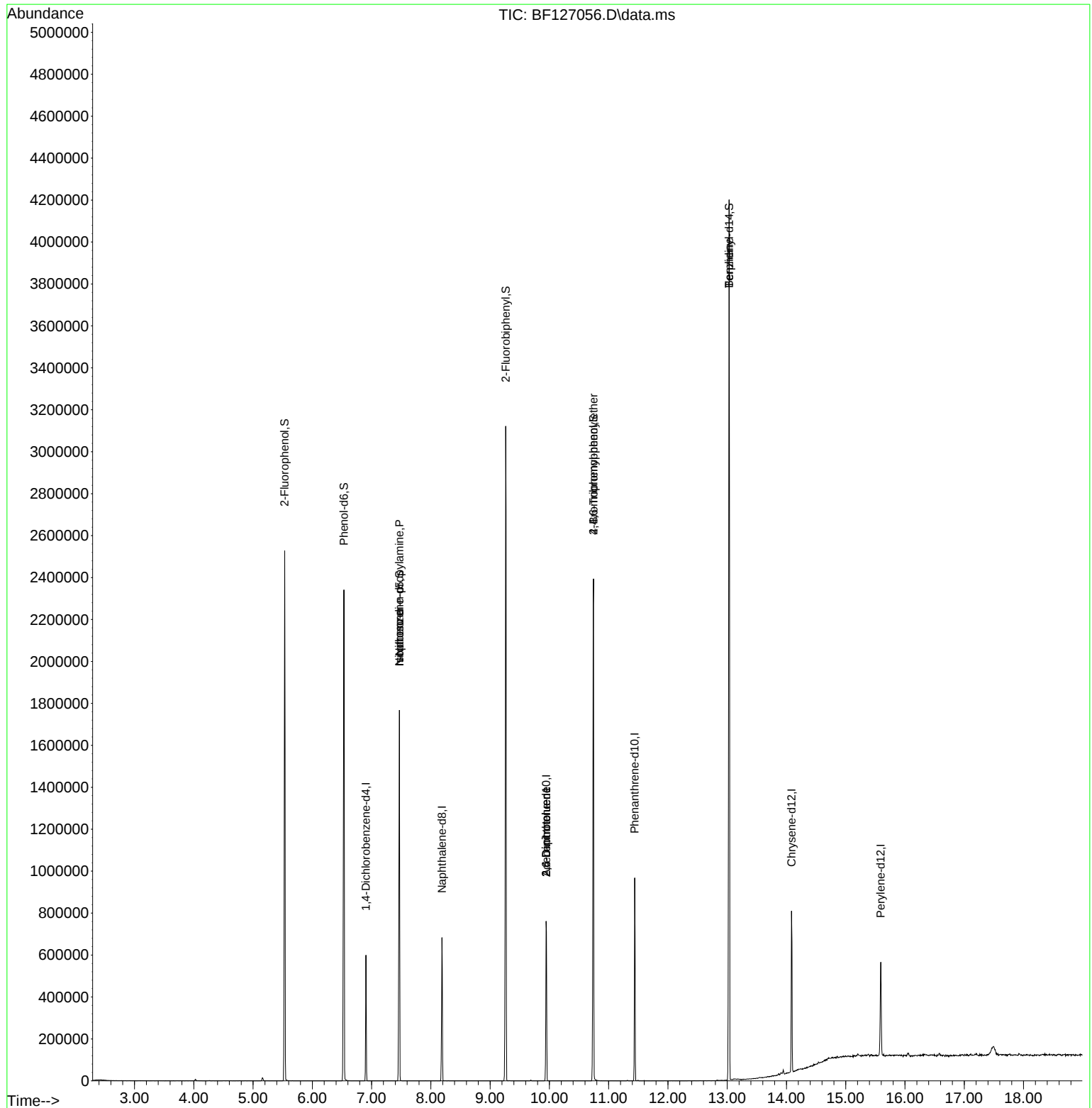
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	70636	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	294201	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	159371	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	315781	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	240278	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	191269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	594725	130.131	ng	0.00
7) Phenol-d6	6.534	99	779679	126.431	ng	0.00
23) Nitrobenzene-d5	7.469	82	566730	86.950	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	296382	161.521	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1011270	93.414	ng	0.00
79) Terphenyl-d14	13.033	244	1471358	90.019	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	80546	20.270	ng	# 79
25) Isophorone	7.469	82	566649	52.538	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	20633	8.902	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	20633	6.584	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	17729	5.025	ng	# 1
77) Benzidine	13.033	184	21424	3.281	ng	# 97

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

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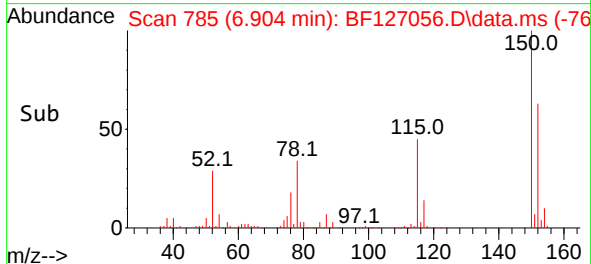
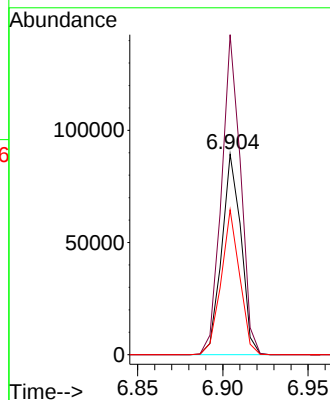
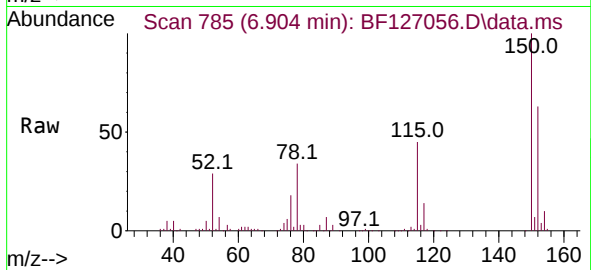




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

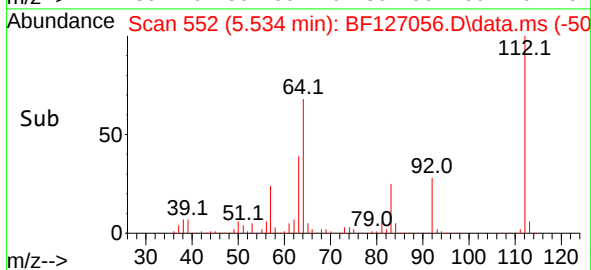
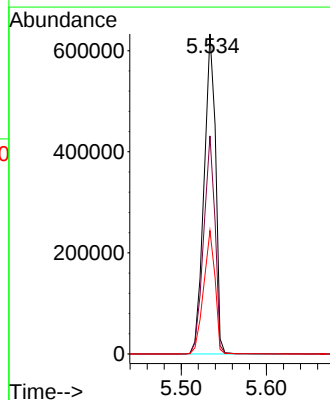
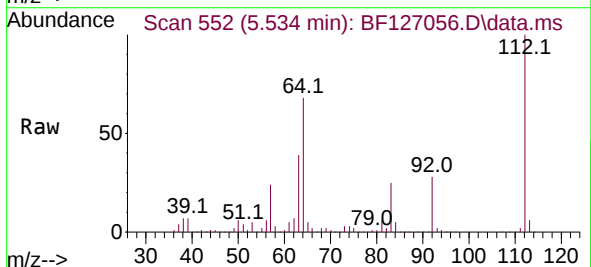
Instrument :
BNA_F
ClientSampleId :
PB142894BL

Tgt Ion:152 Resp: 70636
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 72.3 56.7 85.1



#5
2-Fluorophenol
Concen: 130.131 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

Tgt Ion:112 Resp: 594725
Ion Ratio Lower Upper
112 100
64 68.1 49.5 74.3
63 38.6 23.9 35.9#

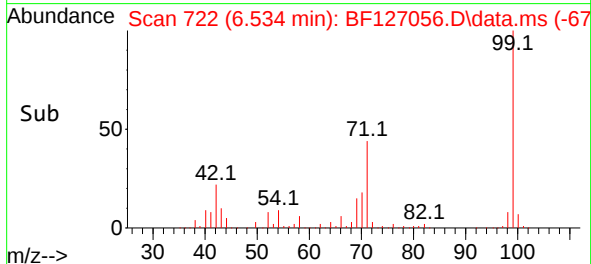
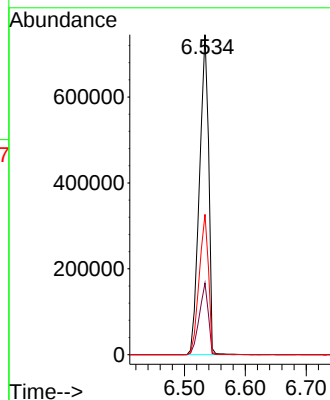
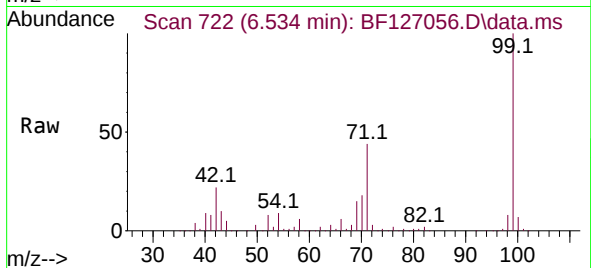




#7
Phenol-d6
Concen: 126.431 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

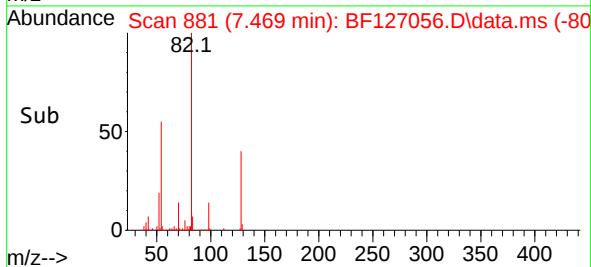
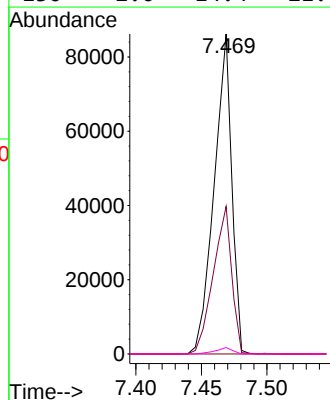
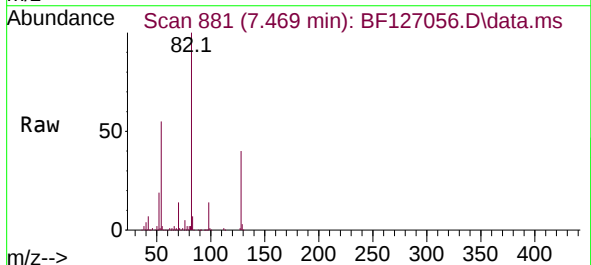
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ClientSampleId :
PB142894BL

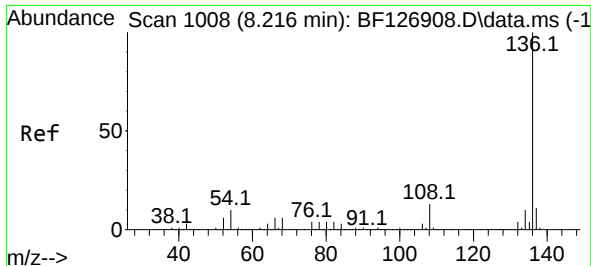
Tgt Ion: 99 Resp: 779679
Ion Ratio Lower Upper
99 100
42 22.4 14.2 21.4#
71 43.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 20.270 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.147 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

Tgt Ion: 70 Resp: 80546
Ion Ratio Lower Upper
70 100
42 46.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

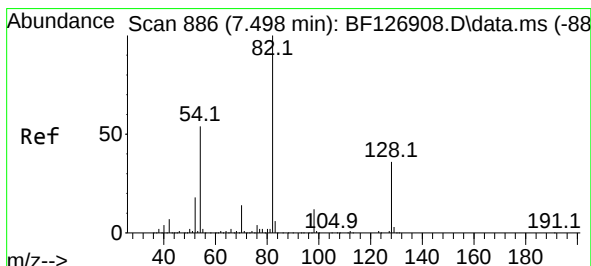
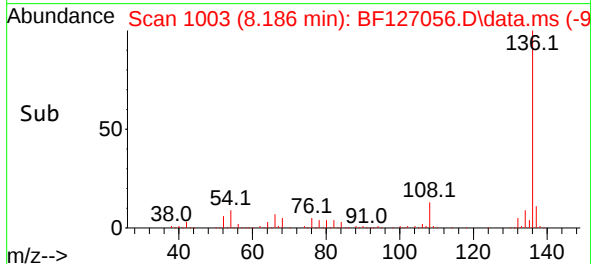
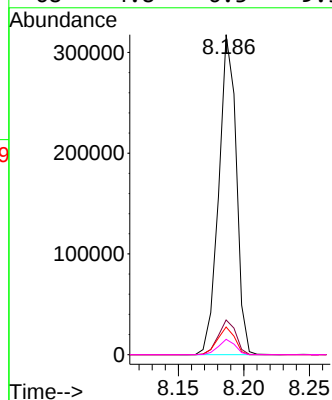
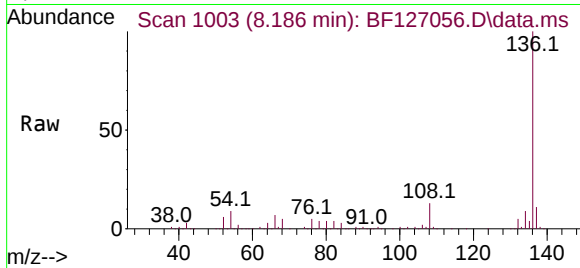




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

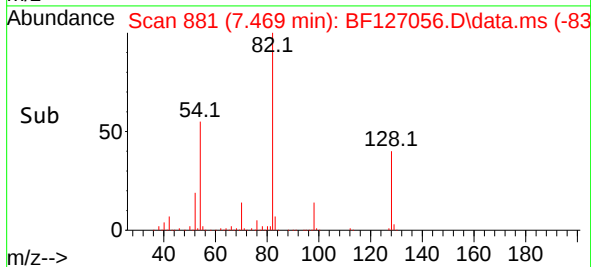
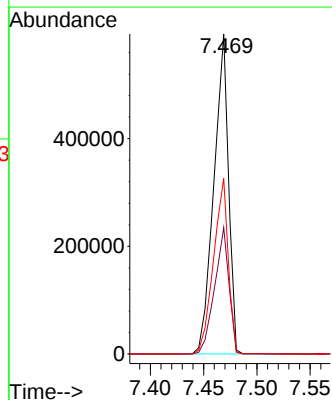
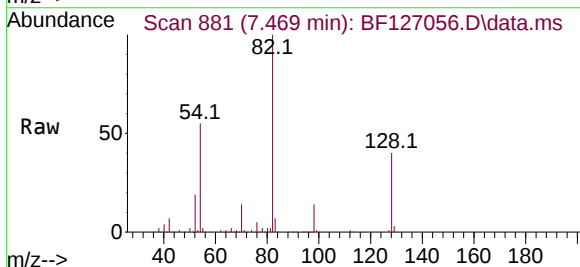
Instrument :
BNA_F
ClientSampleId :
PB142894BL

Tgt Ion:136 Resp: 294201
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.8 11.6
68 4.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 86.950 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

Tgt Ion: 82 Resp: 566730
Ion Ratio Lower Upper
82 100
128 39.5 32.7 49.1
54 54.8 41.7 62.5

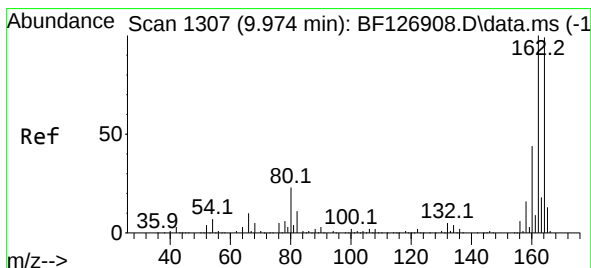
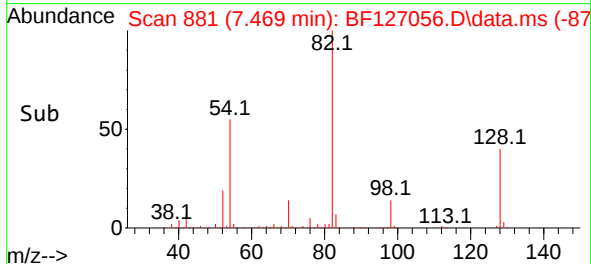
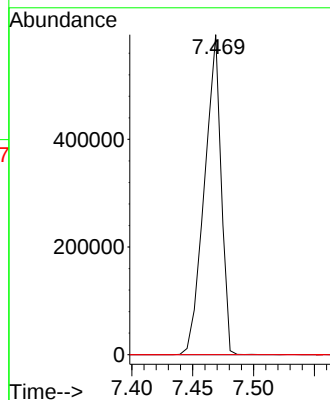
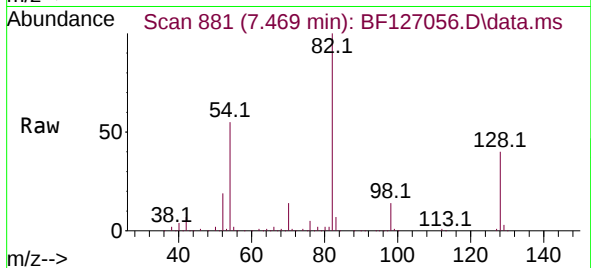




#25
Isophorone
Concen: 52.538 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

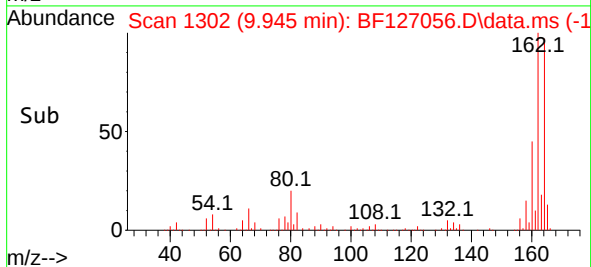
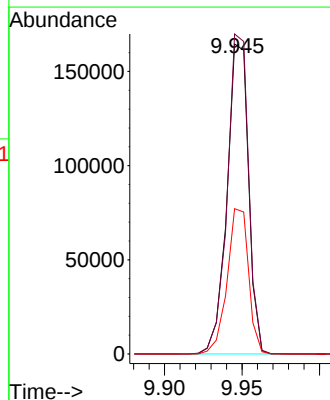
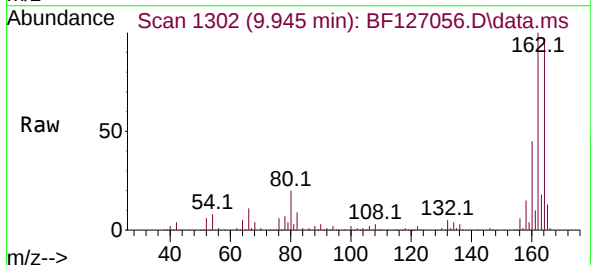
Instrument :
BNA_F
ClientSampleId :
PB142894BL

Tgt Ion: 82 Resp: 566649
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

Tgt Ion:164 Resp: 159371
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 46.9 36.6 54.8

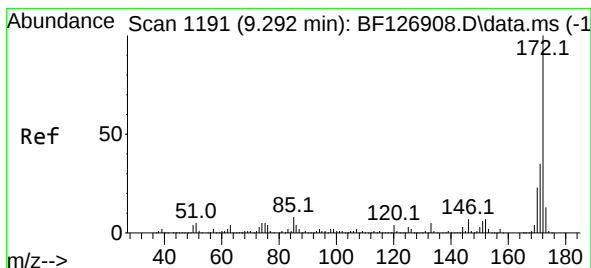
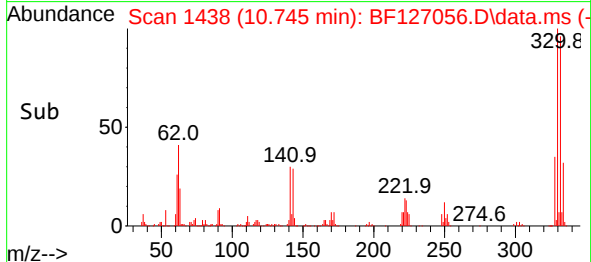
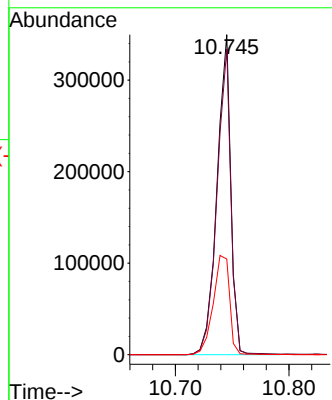
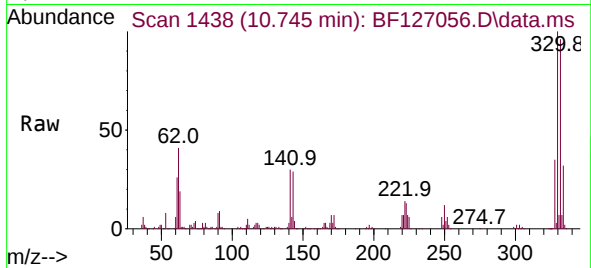




#42
2,4,6-Tribromophenol
Concen: 161.521 ng
RT: 10.745 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

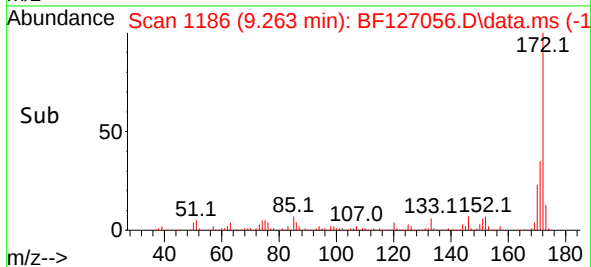
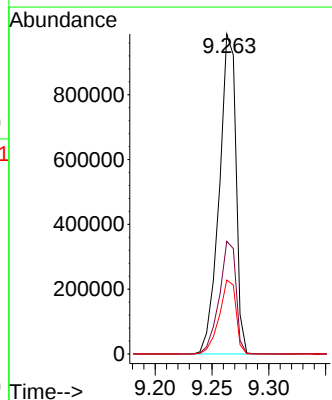
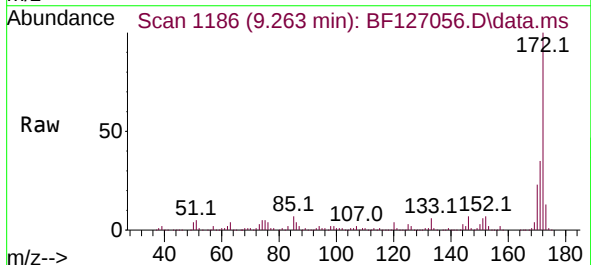
Instrument :
BNA_F
ClientSampleId :
PB142894BL

Tgt Ion: 330 Resp: 296382
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 36.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 93.414 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

Tgt Ion: 172 Resp: 1011270
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 19.0 28.6

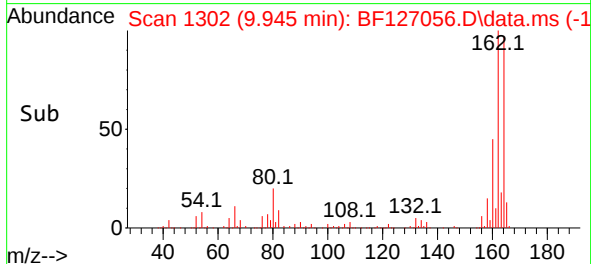
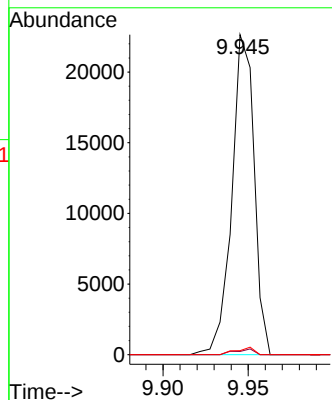
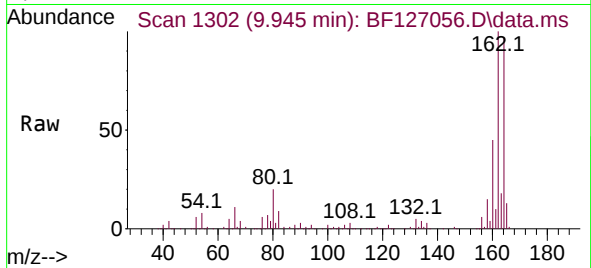




#51
2,6-Dinitrotoluene
Concen: 8.902 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

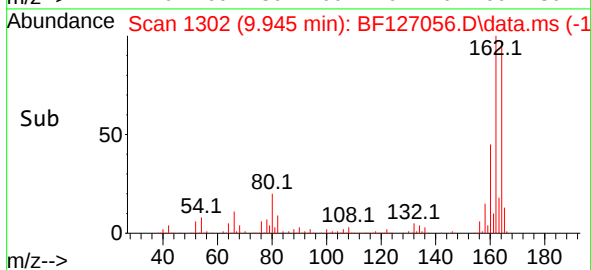
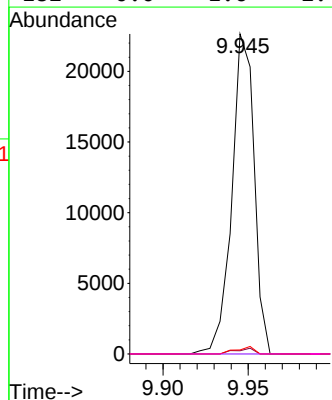
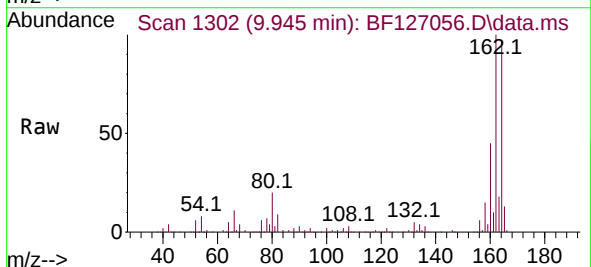
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ClientSampleId :
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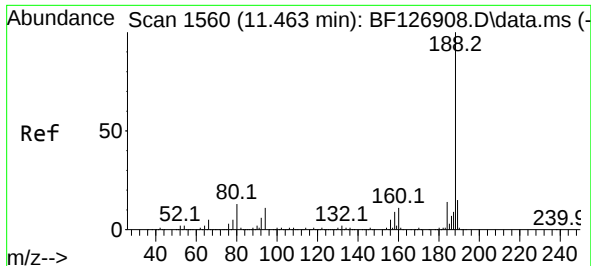
Tgt Ion:165 Resp: 20633
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.584 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

Tgt Ion:165 Resp: 20633
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#

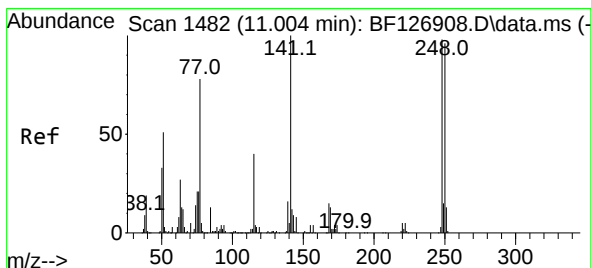
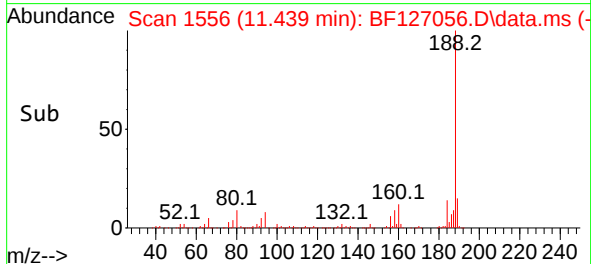
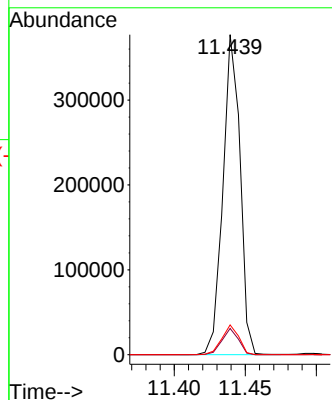
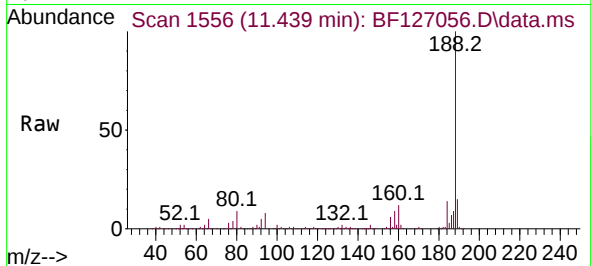




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

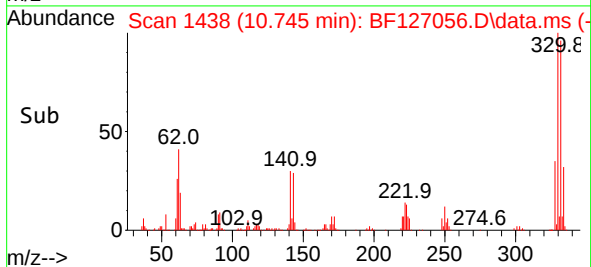
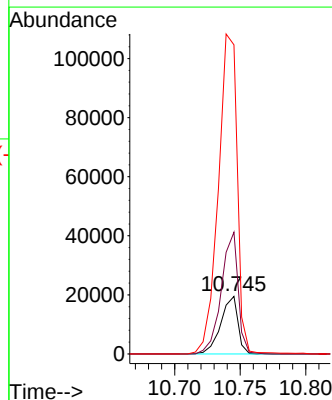
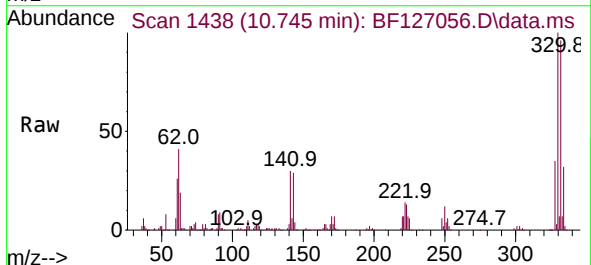
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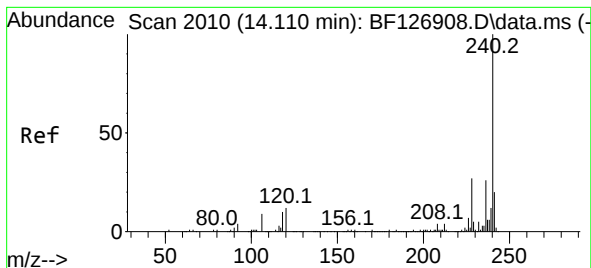
Tgt Ion:188 Resp: 315781
Ion Ratio Lower Upper
188 100
94 8.2 10.1 15.1#
80 9.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 5.025 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.241 min
Lab File: BF127056.D
Acq: 24 Feb 2022 14:28

Tgt Ion:248 Resp: 17729
Ion Ratio Lower Upper
248 100
250 211.2 76.2 114.4#
141 536.4 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF127056.D

Acq: 24 Feb 2022 14:28

Instrument :

BNA_F

ClientSampleId :

PB142894BL

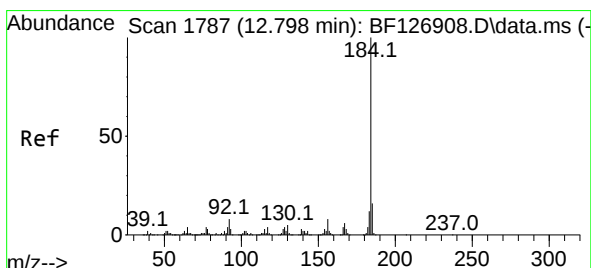
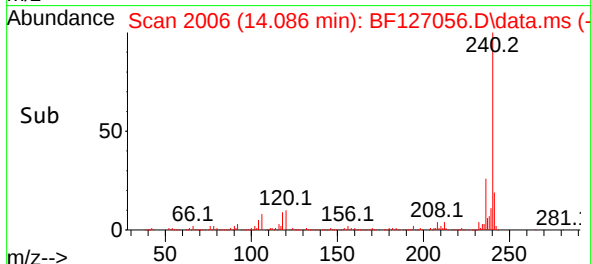
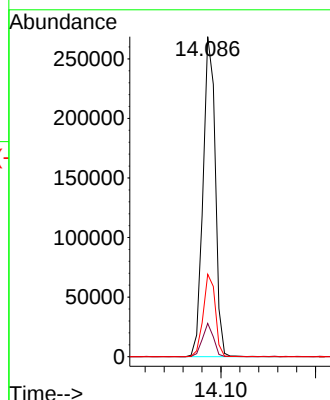
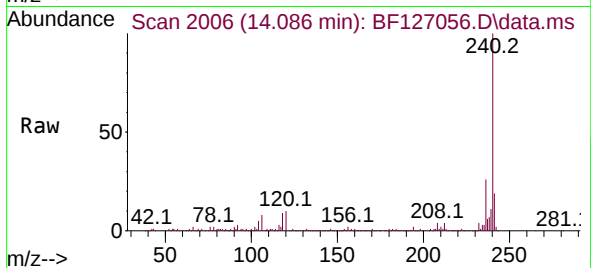
Tgt Ion:240 Resp: 240278

Ion Ratio Lower Upper

240 100

120 10.4 14.4 21.6#

236 25.7 20.5 30.7



#77

Benzidine

Concen: 3.281 ng

RT: 13.033 min Scan# 1827

Delta R.T. 0.259 min

Lab File: BF127056.D

Acq: 24 Feb 2022 14:28

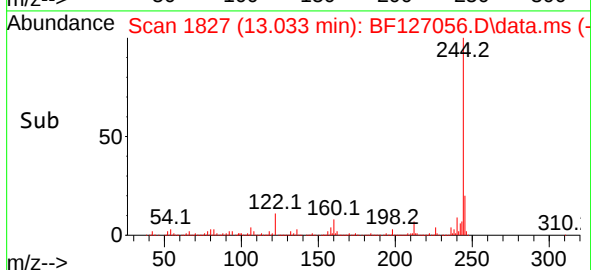
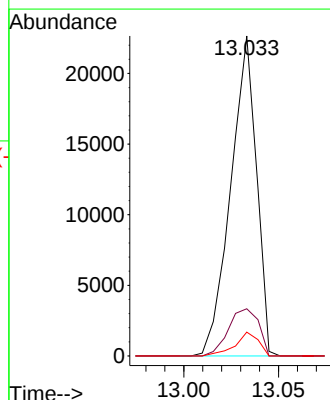
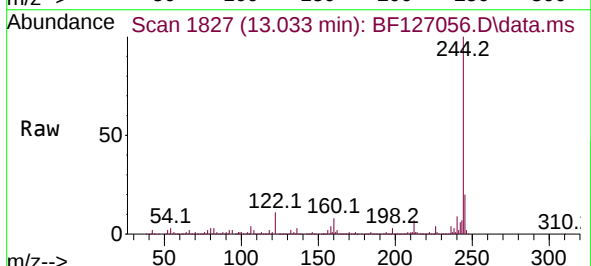
Tgt Ion:184 Resp: 21424

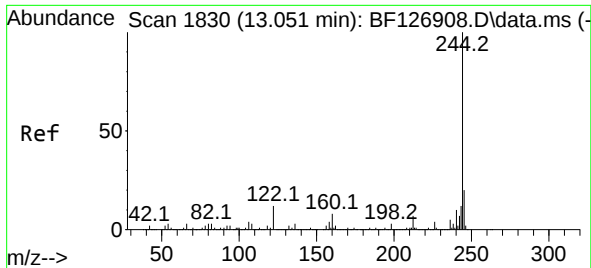
Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.8

183 7.5 8.2 12.2#

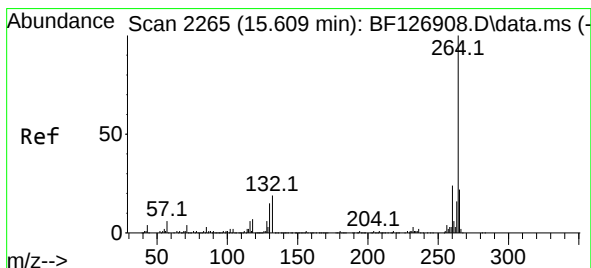
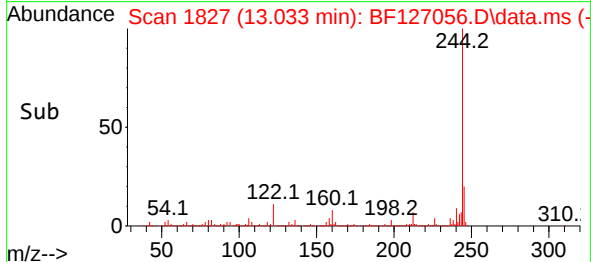
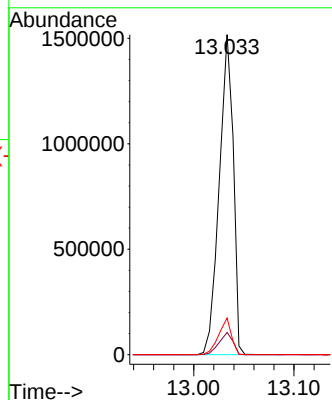
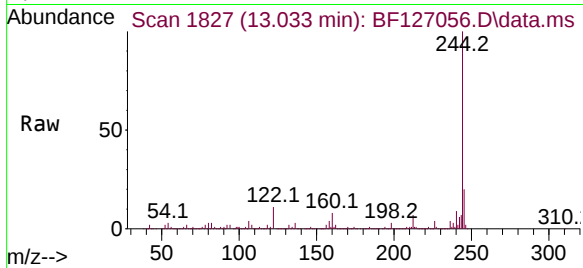




#79
 Terphenyl-d14
 Concen: 90.019 ng
 RT: 13.033 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127056.D
 Acq: 24 Feb 2022 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB142894BL

Tgt Ion:244 Resp: 1471358
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF127056.D
 Acq: 24 Feb 2022 14:28

Tgt Ion:264 Resp: 191269
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.0 17.4 26.2

