

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127139.D
 Acq On : 02 Mar 2022 11:16
 Operator : CG\JU
 Sample : PB143010BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143010BL

Quant Time: Mar 03 00:55:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

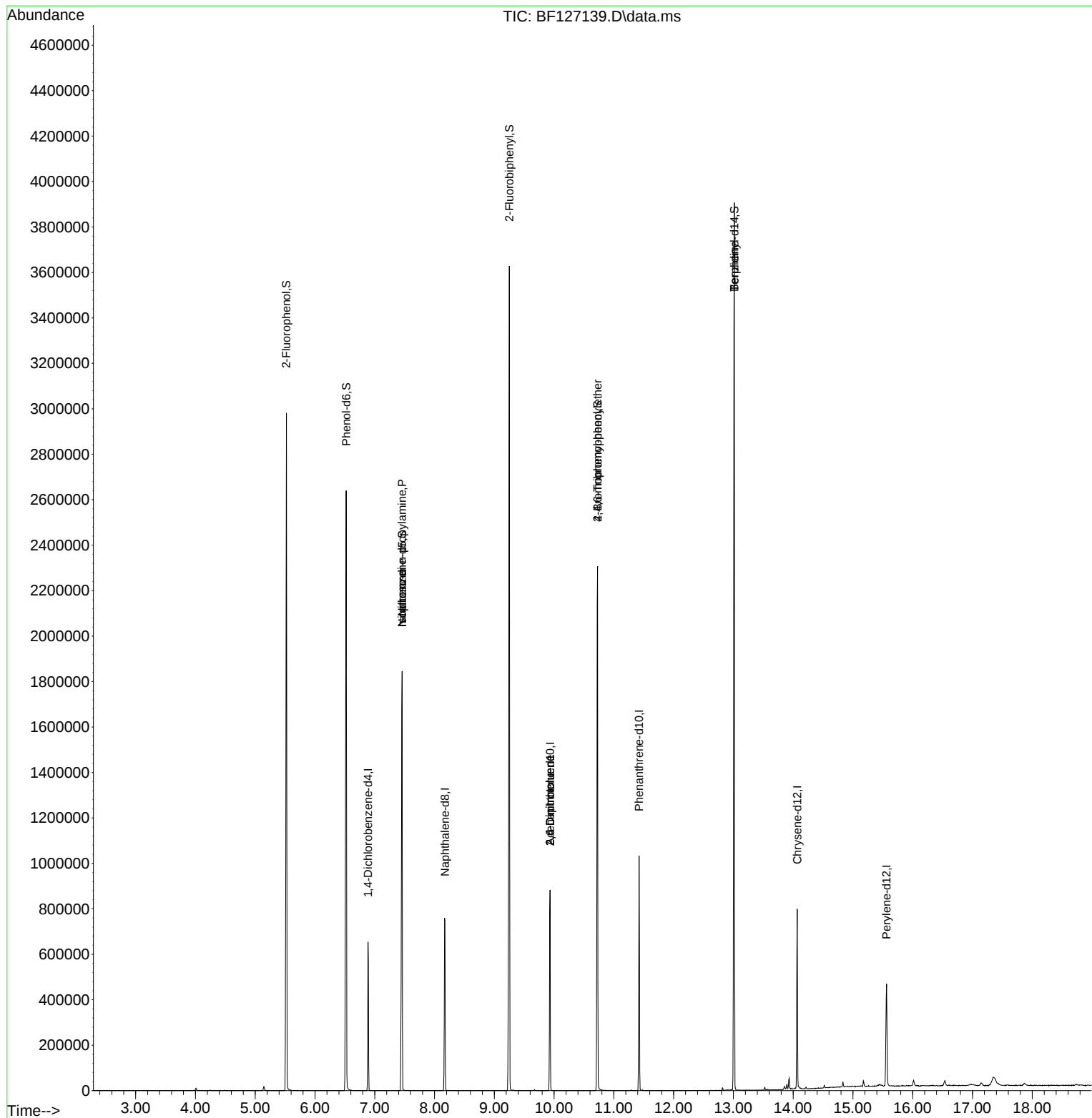
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	86674	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	351123	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	178243	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	328377	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	238209	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	185586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	731217	130.391	ng	0.01
7) Phenol-d6	6.522	99	939809	124.198	ng	0.00
23) Nitrobenzene-d5	7.457	82	655393	84.252	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	287252	139.971	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1074597	88.754	ng	0.00
79) Terphenyl-d14	13.016	244	1345860	83.056	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	90454	18.551	ng	# 77
25) Isophorone	7.457	82	652979	50.728	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	22697	8.756	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	22697	6.476	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	17123	4.667	ng	# 1
77) Benzidine	13.016	184	19058	2.944	ng	# 93

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

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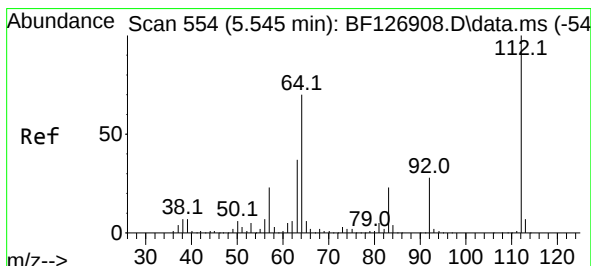
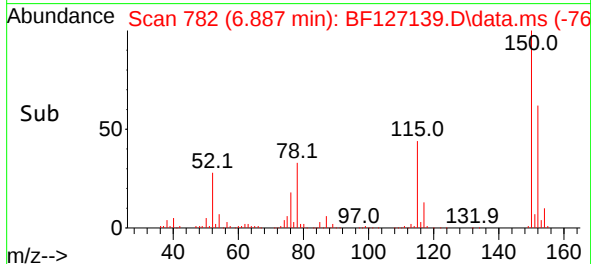
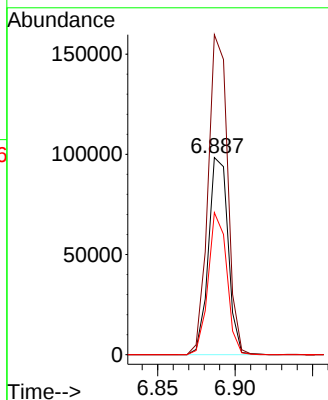
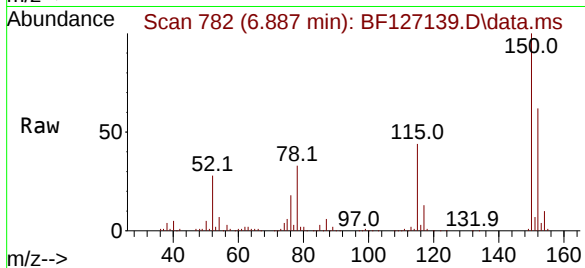




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

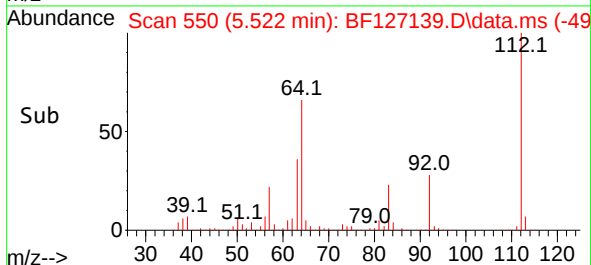
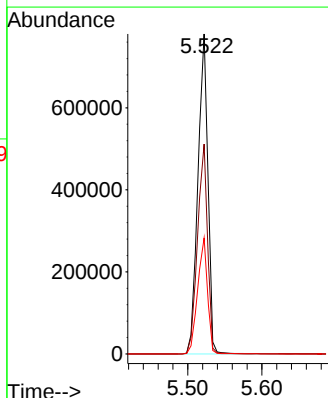
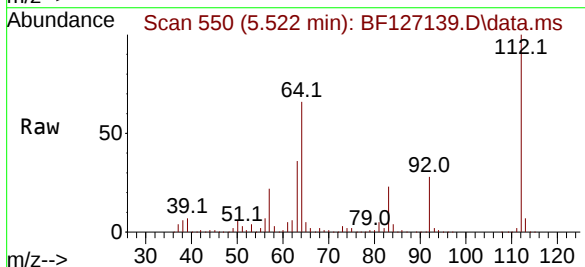
Instrument :
BNA_F
ClientSampleId :
PB143010BL

Tgt Ion:152 Resp: 86674
Ion Ratio Lower Upper
152 100
150 162.3 128.1 192.1
115 72.1 56.7 85.1



#5
2-Fluorophenol
Concen: 130.391 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

Tgt Ion:112 Resp: 731217
Ion Ratio Lower Upper
112 100
64 65.6 49.5 74.3
63 36.3 23.9 35.9#

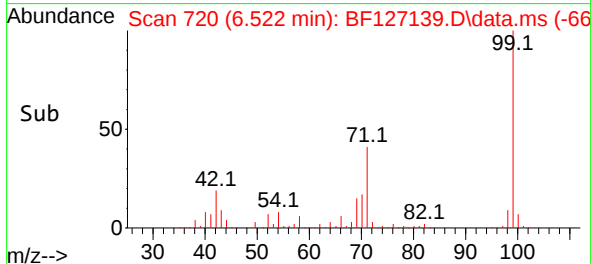
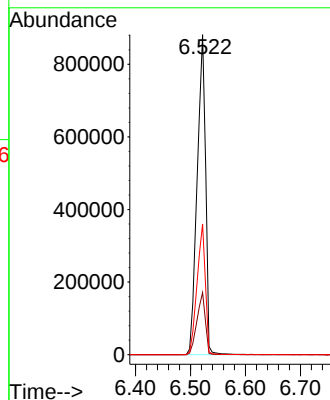
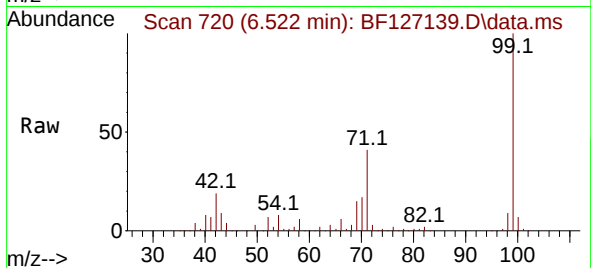




#7
Phenol-d6
Concen: 124.198 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

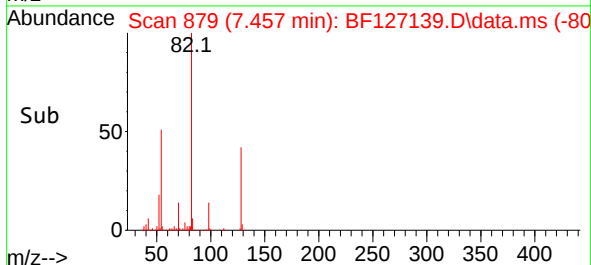
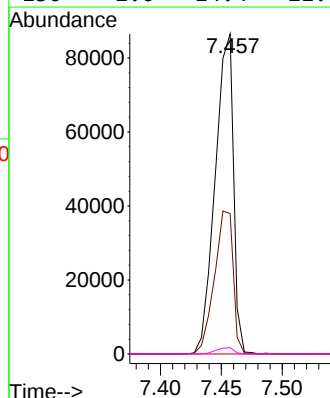
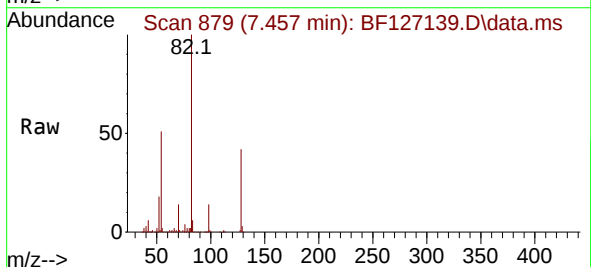
Instrument :
BNA_F
ClientSampleId :
PB143010BL

Tgt Ion: 99 Resp: 939809
Ion Ratio Lower Upper
99 100
42 19.4 14.2 21.4
71 40.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.551 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

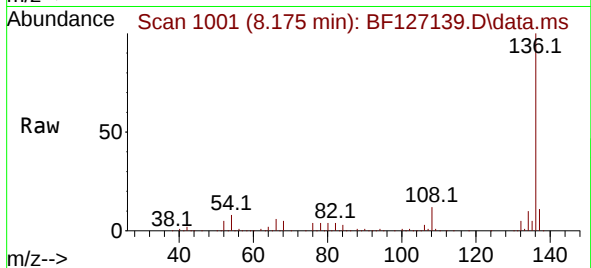
Tgt Ion: 70 Resp: 90454
Ion Ratio Lower Upper
70 100
42 43.9 45.8 68.8#
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#



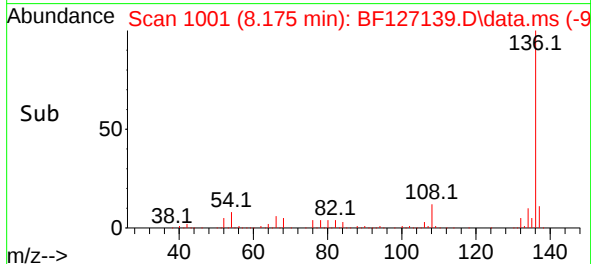
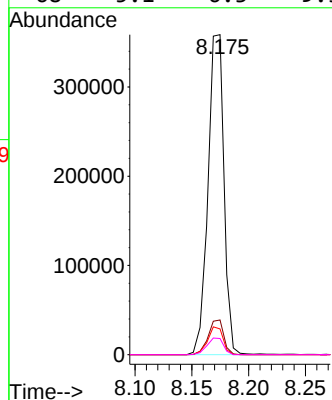


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

Instrument :
BNA_F
ClientSampleId :
PB143010BL

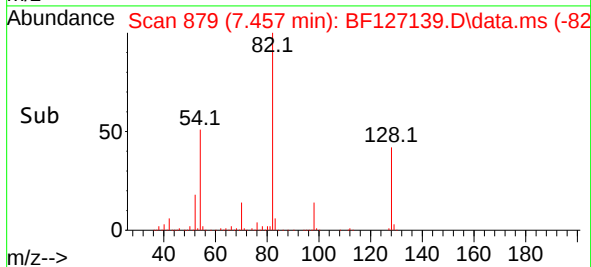
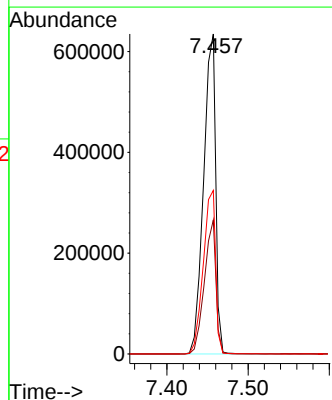
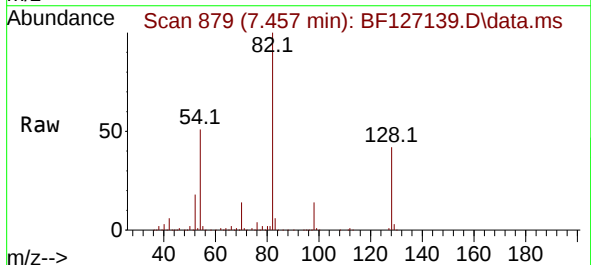


Tgt Ion:136 Resp: 351123
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.1 7.8 11.6
68 5.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 84.252 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

Tgt Ion: 82 Resp: 655393
Ion Ratio Lower Upper
82 100
128 41.8 32.7 49.1
54 51.1 41.7 62.5

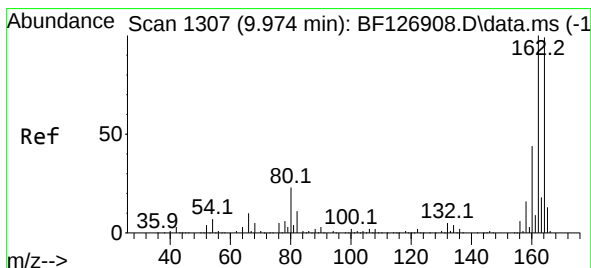
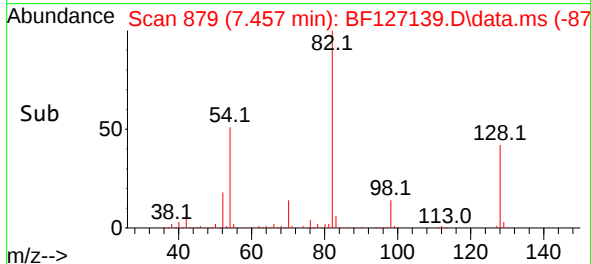
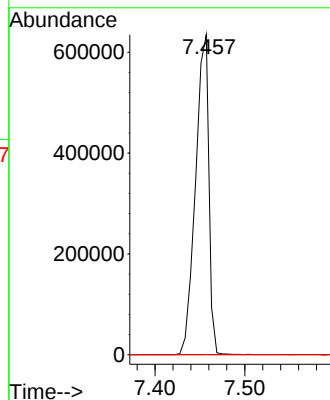
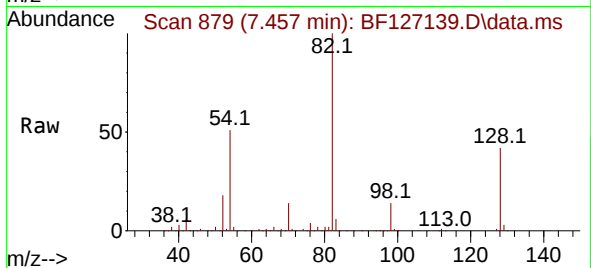




#25
Isophorone
Concen: 50.728 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

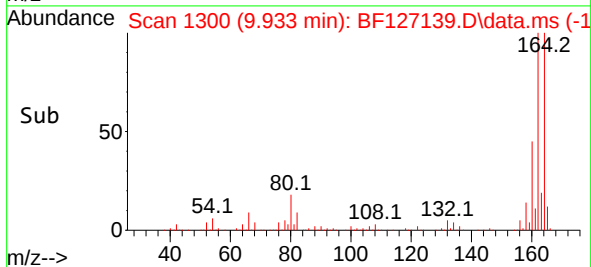
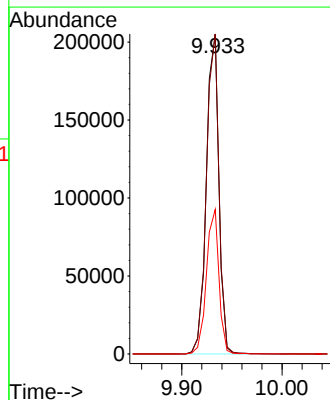
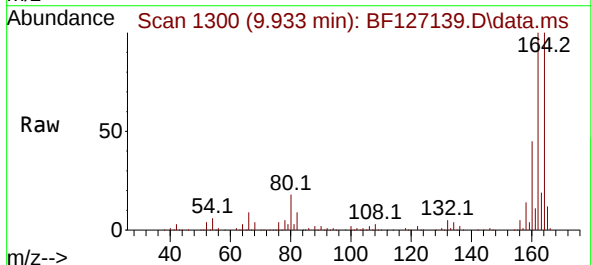
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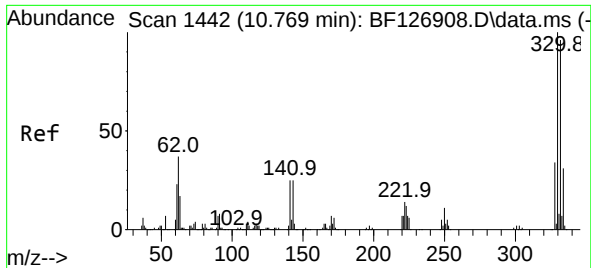
Tgt Ion: 82 Resp: 652979
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

Tgt Ion:164 Resp: 178243
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 45.2 36.6 54.8

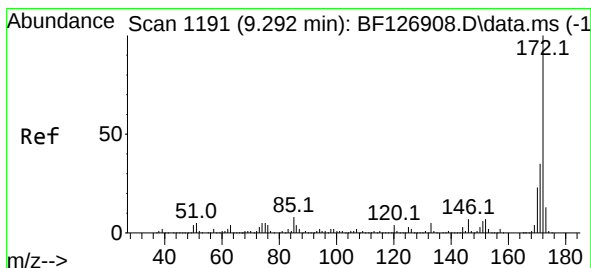
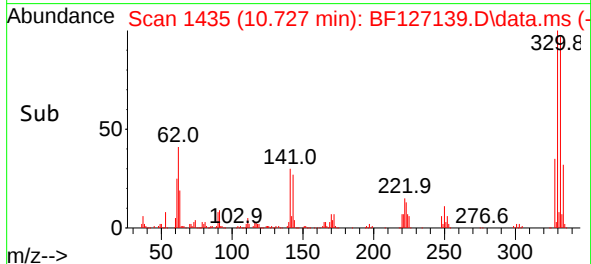
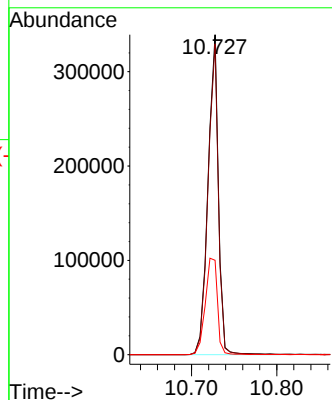
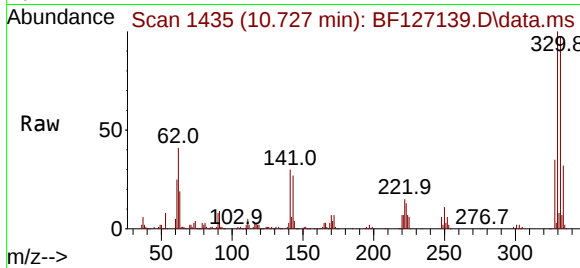




#42
2,4,6-Tribromophenol
Concen: 139.971 ng
RT: 10.727 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

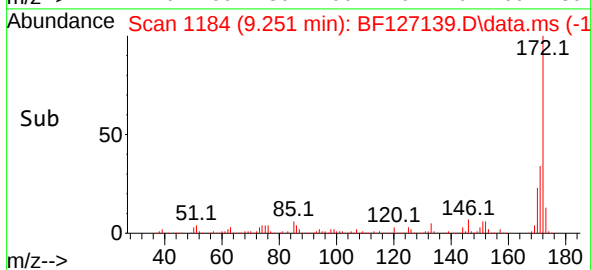
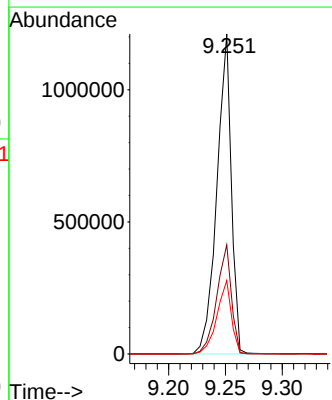
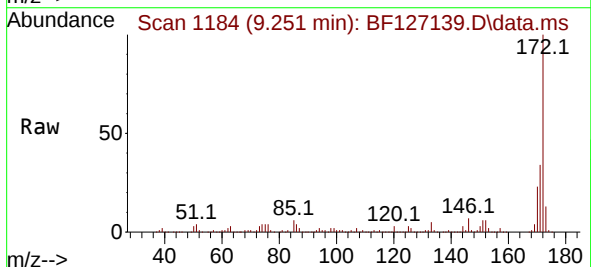
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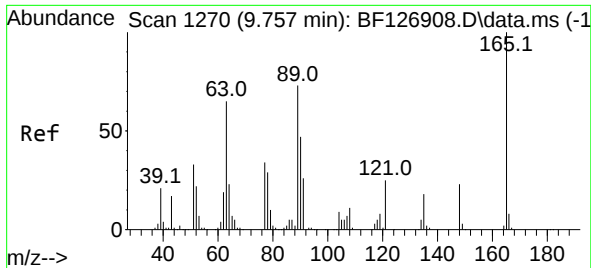
Tgt Ion:330 Resp: 287252
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 35.3 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 88.754 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

Tgt Ion:172 Resp: 1074597
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 22.9 19.0 28.6

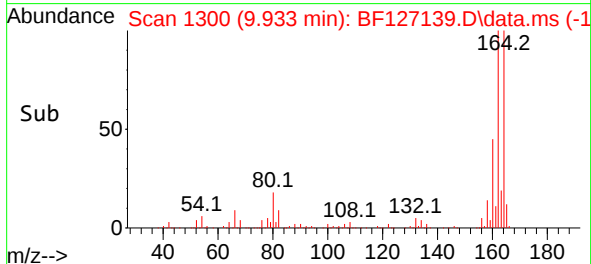
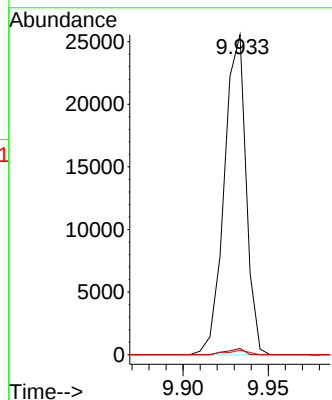
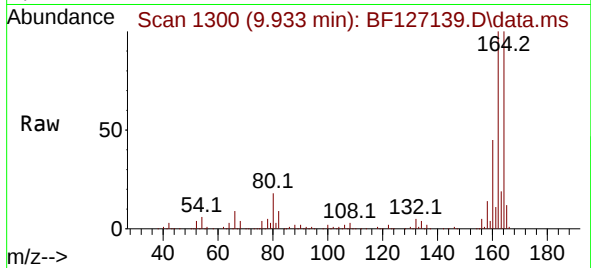




#51
2,6-Dinitrotoluene
Concen: 8.756 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

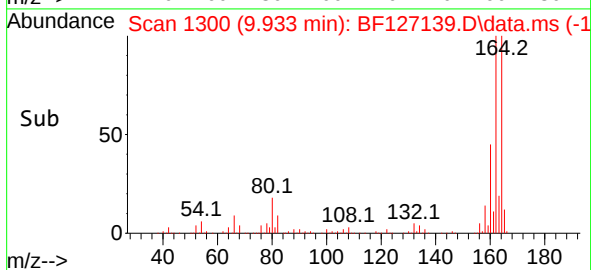
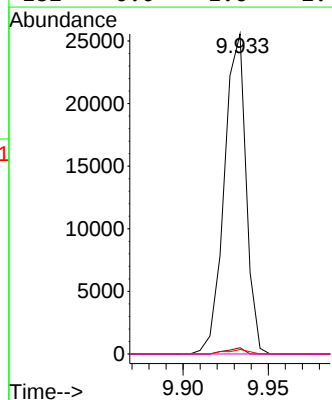
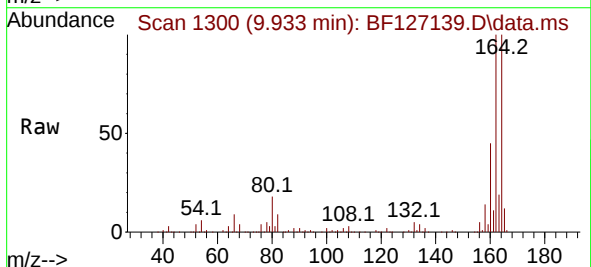
Instrument :
BNA_F
ClientSampleId :
PB143010BL

Tgt Ion:165 Resp: 22697
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 1.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.476 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

Tgt Ion:165 Resp: 22697
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#

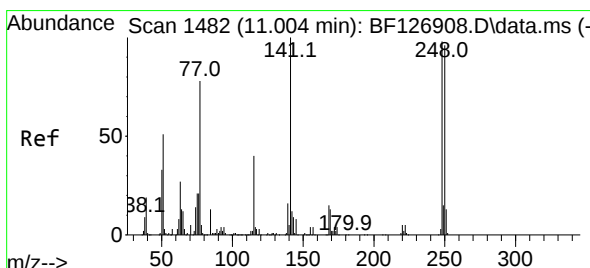
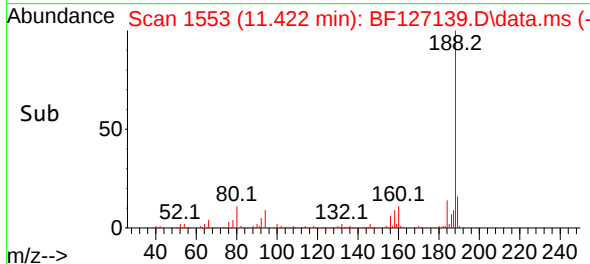
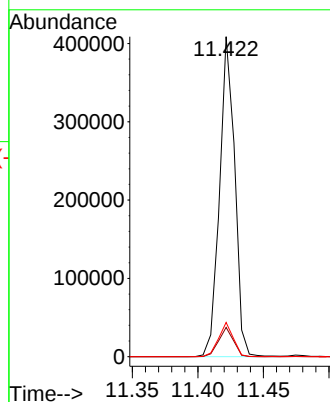
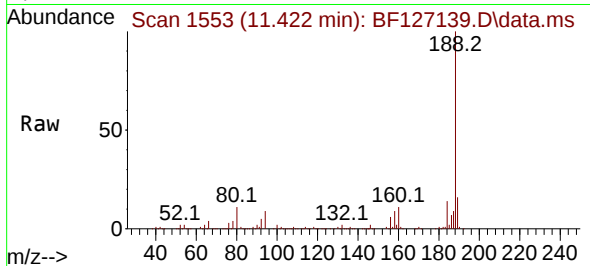




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

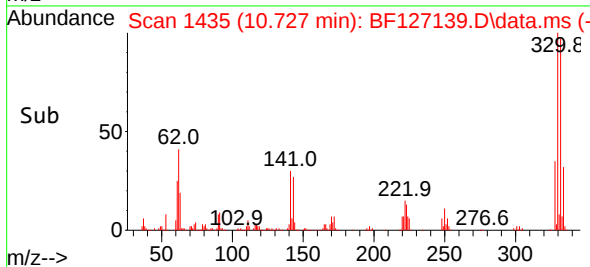
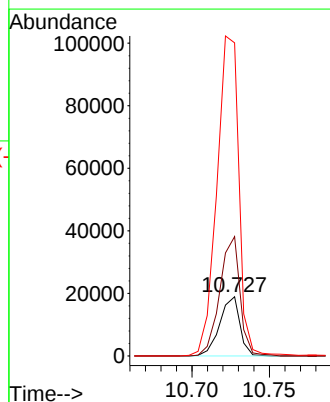
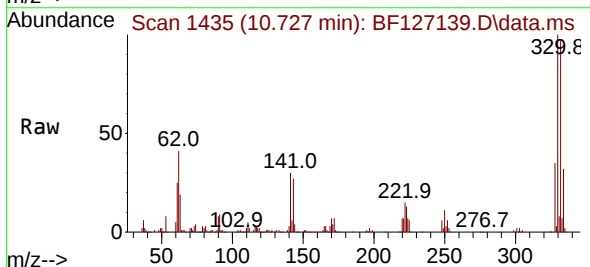
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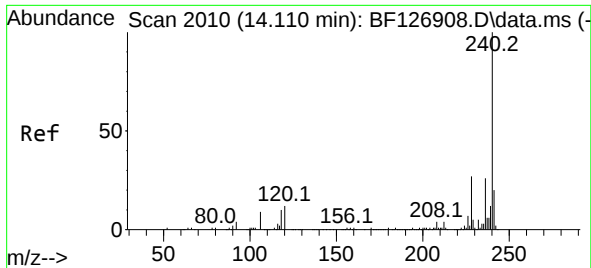
Tgt Ion:188 Resp: 328377
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.7 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.667 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

Tgt Ion:248 Resp: 17123
Ion Ratio Lower Upper
248 100
250 201.6 76.2 114.4#
141 528.8 66.2 99.4#

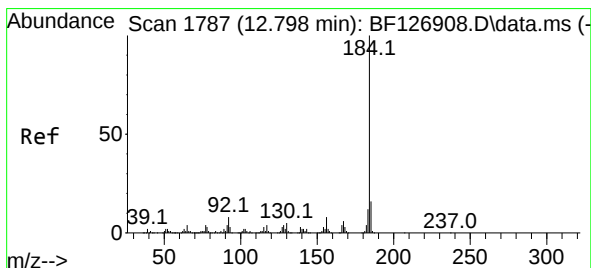
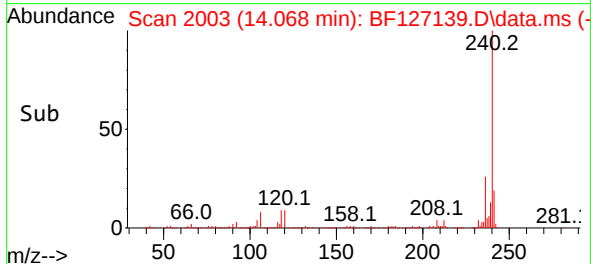
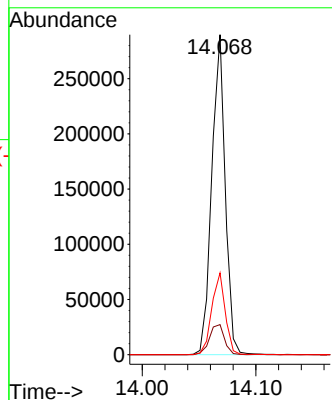
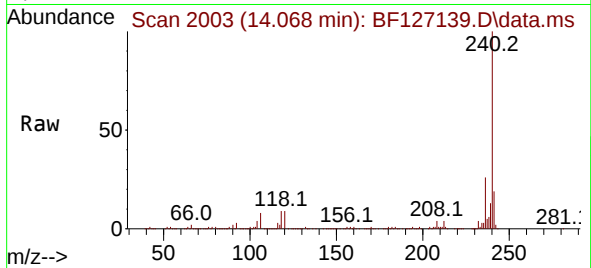




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

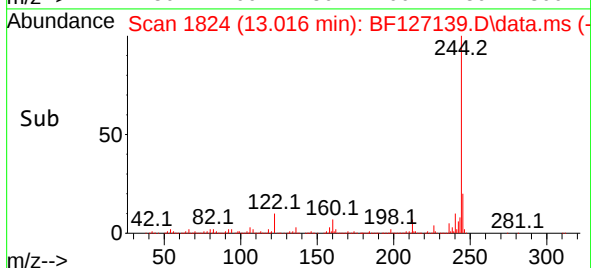
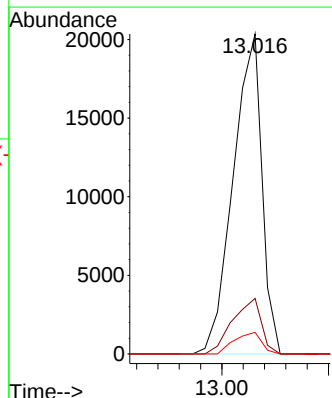
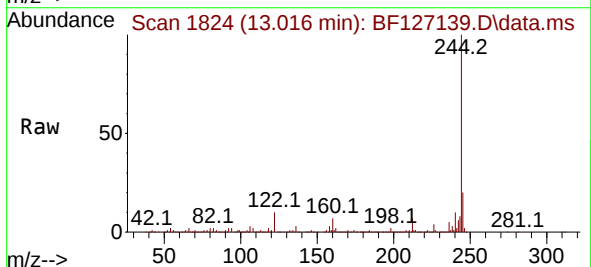
Instrument :
BNA_F
ClientSampleId :
PB143010BL

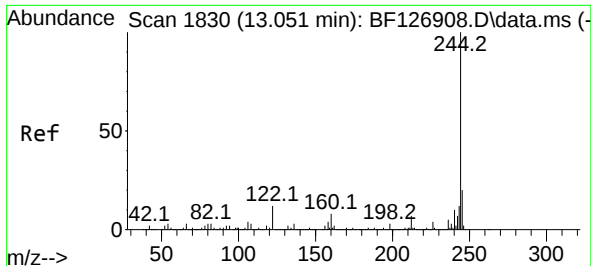
Tgt Ion:240 Resp: 238209
Ion Ratio Lower Upper
240 100
120 9.4 14.4 21.6#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 2.944 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.253 min
Lab File: BF127139.D
Acq: 02 Mar 2022 11:16

Tgt Ion:184 Resp: 19058
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.8
183 6.7 8.2 12.2#

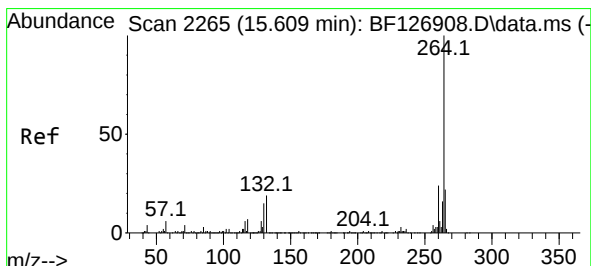
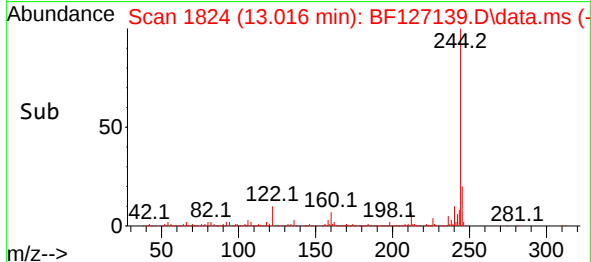
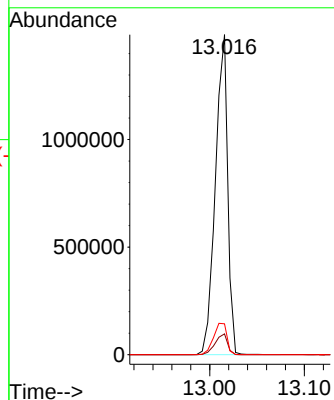
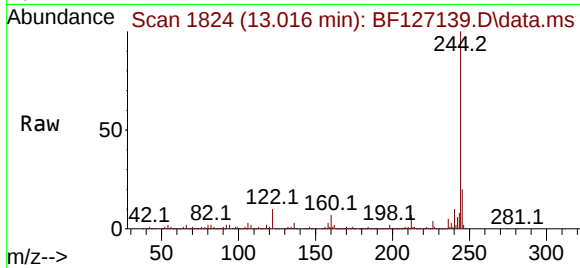




#79
 Terphenyl-d14
 Concen: 83.056 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127139.D
 Acq: 02 Mar 2022 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB143010BL

Tgt Ion:244 Resp: 1345860
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 9.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127139.D
 Acq: 02 Mar 2022 11:16

Tgt Ion:264 Resp: 185586
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.1 17.4 26.2

