

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127039.D
 Acq On : 23 Feb 2022 15:04
 Operator : CG\JU
 Sample : N1635-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-124055

Quant Time: Feb 24 02:16:10 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)

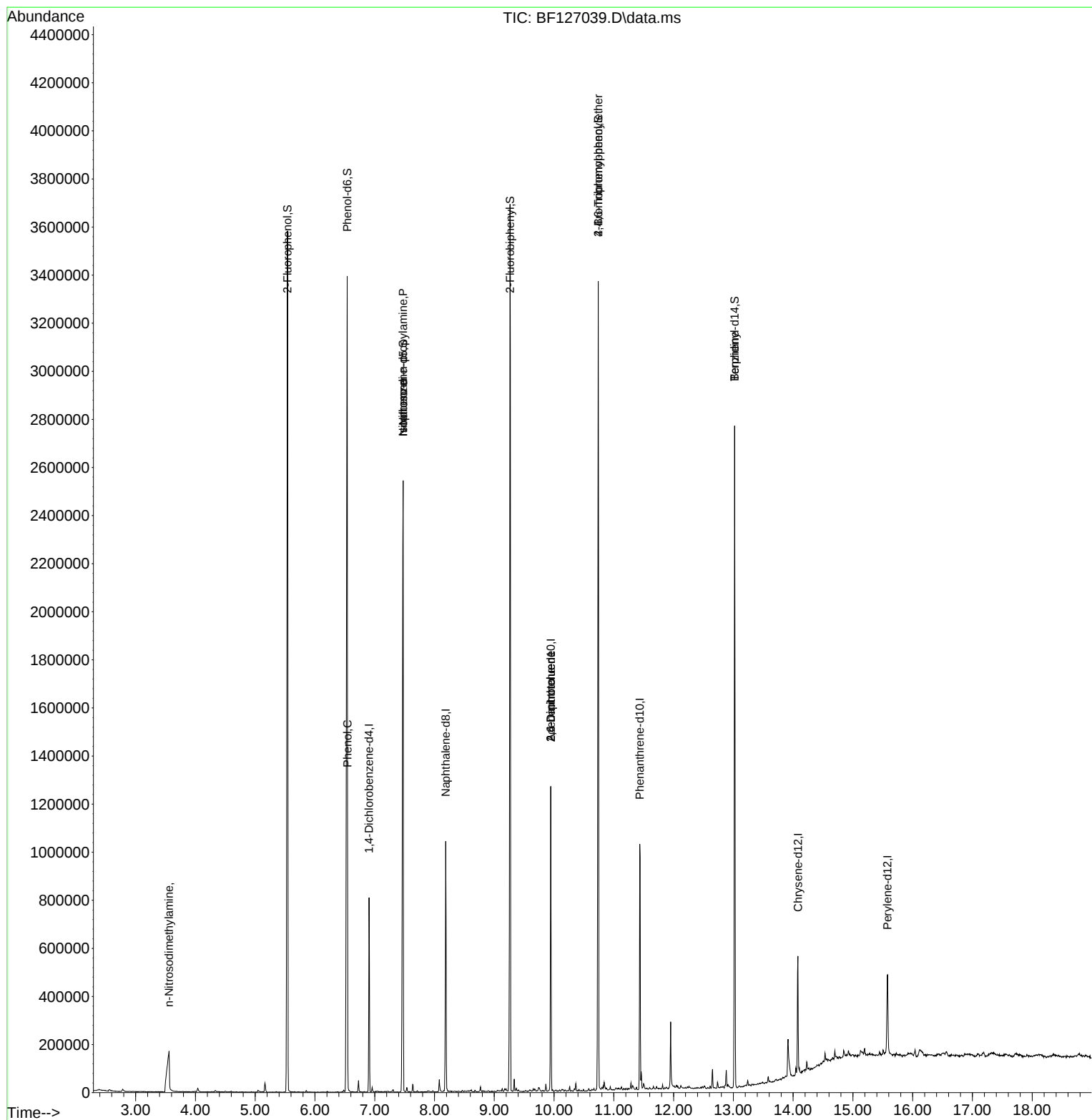
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	102410	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	417528	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	214242	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	358789	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	152386	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	146448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	989122	149.278	ng	0.01
7) Phenol-d6	6.540	99	1278137	142.955	ng	0.00
23) Nitrobenzene-d5	7.475	82	939073	101.519	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	402100	163.011	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1118056	76.827	ng	0.00
79) Terphenyl-d14	13.022	244	832590	80.318	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.557	42	11993	3.078	ng	# 1
10) Phenol	6.546	94	25428	2.815	ng	# 8
19) n-Nitroso-di-n-propyla...	7.475	70	129983	22.562	ng	# 79
25) Isophorone	7.475	82	937651	61.258	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	27540	8.839	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	27540	6.538	ng	# 15
67) 4-Bromophenyl-phenylether	10.739	248	23522	5.868	ng	# 1
77) Benzidine	13.022	184	12476	3.013	ng	# 92

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

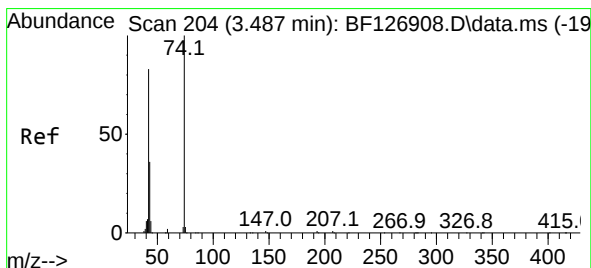
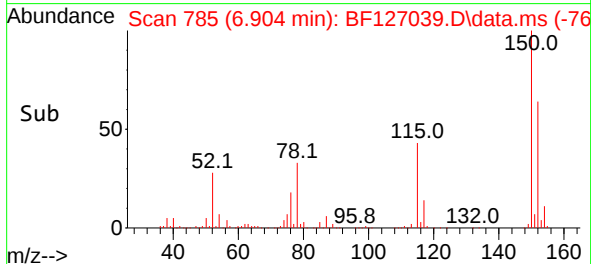
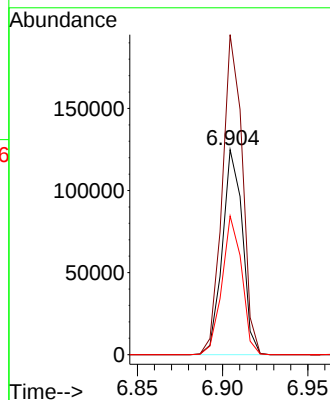
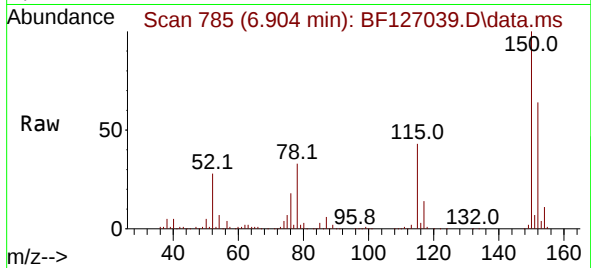




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

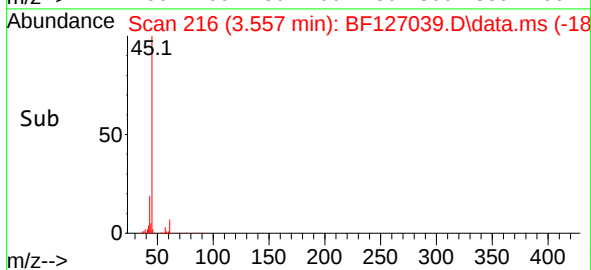
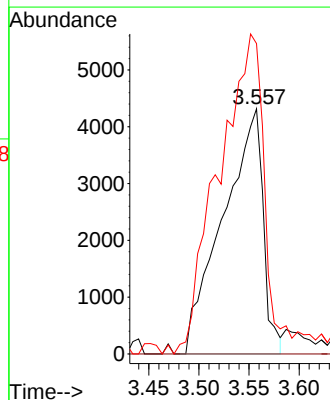
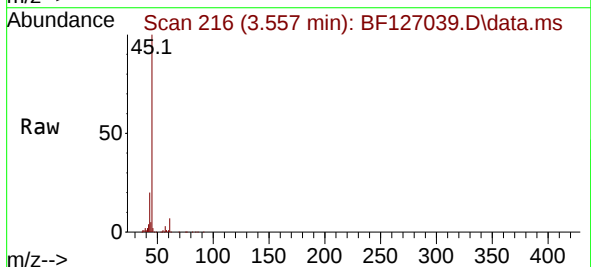
Instrument :
BNA_F
ClientSampleId :
RO-124055

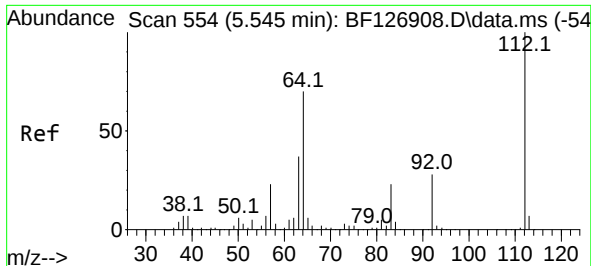
Tgt Ion:152 Resp: 102410
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 67.7 56.7 85.1



#4
n-Nitrosodimethylamine
Concen: 3.078 ng
RT: 3.557 min Scan# 216
Delta R.T. 0.100 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

Tgt Ion: 42 Resp: 11993
Ion Ratio Lower Upper
42 100
74 0.0 125.6 188.4#
44 126.7 5.7 8.5#

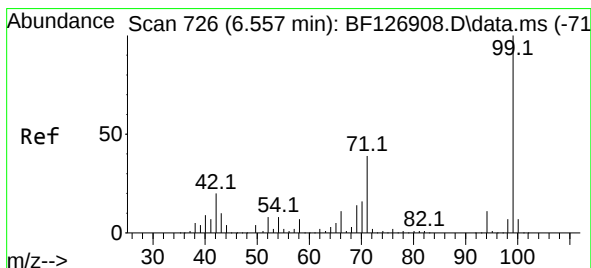
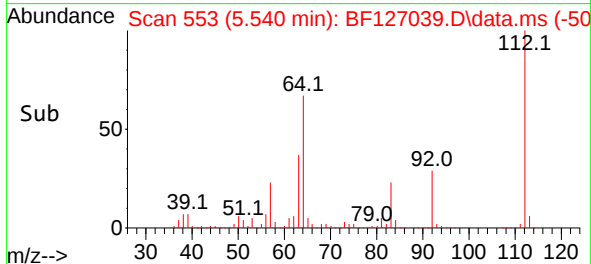
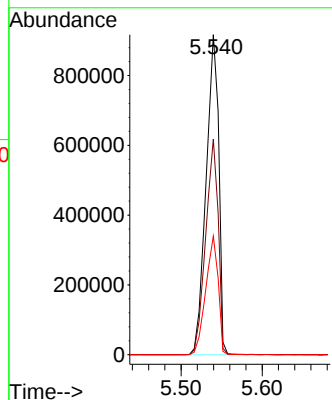
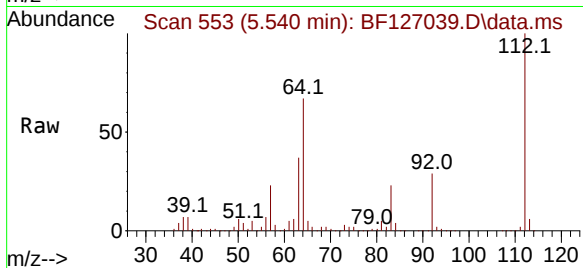




#5
2-Fluorophenol
Concen: 149.278 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

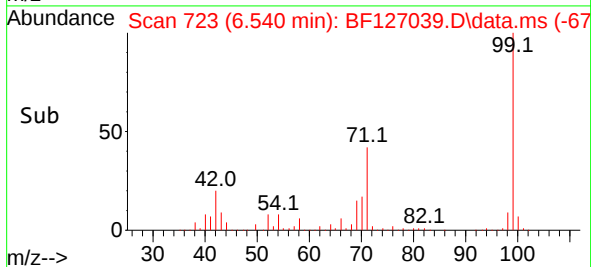
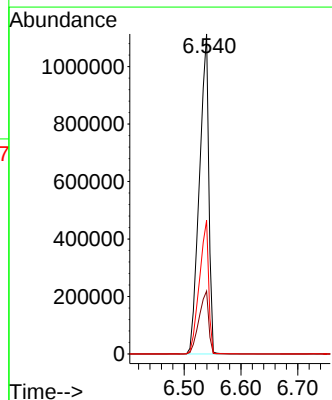
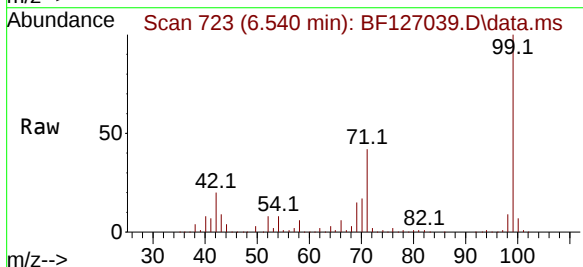
Instrument :
BNA_F
ClientSampleId :
RO-124055

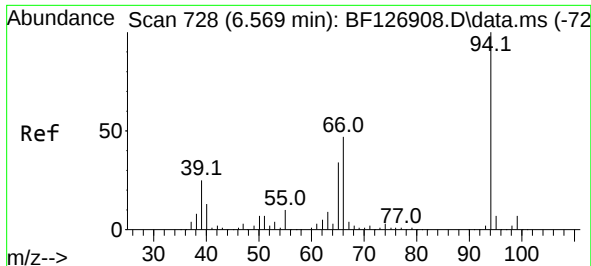
Tgt Ion:112 Resp: 989122
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 37.1 23.9 35.9#



#7
Phenol-d6
Concen: 142.955 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

Tgt Ion: 99 Resp: 1278137
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 41.7 24.3 36.5#

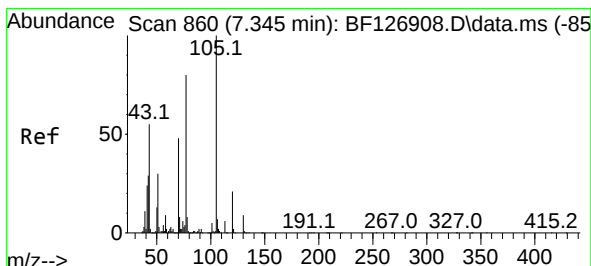
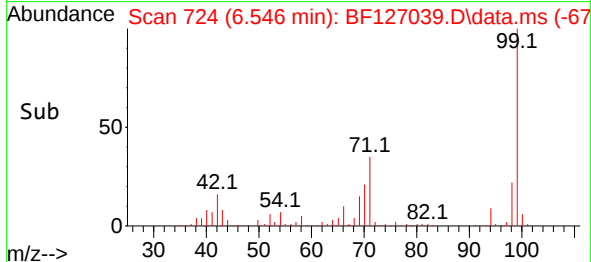
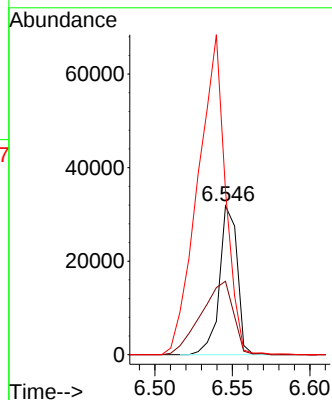
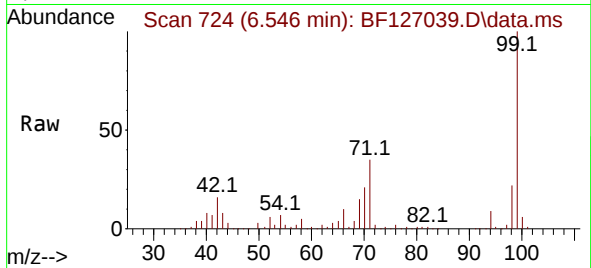




#10
Phenol
Concen: 2.815 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

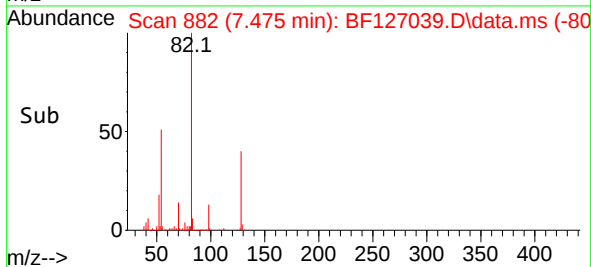
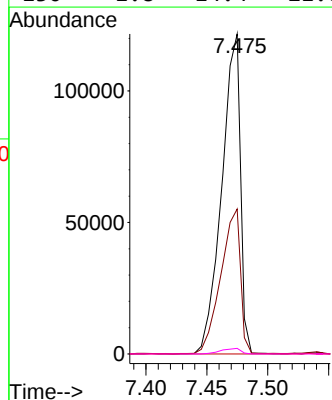
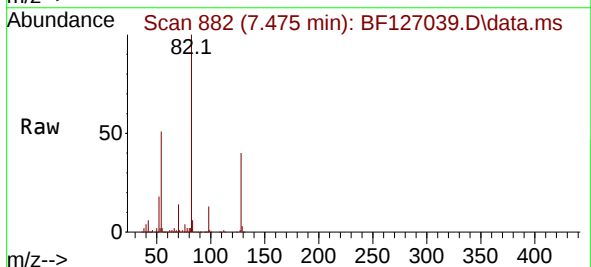
Instrument :
BNA_F
ClientSampleId :
RO-124055

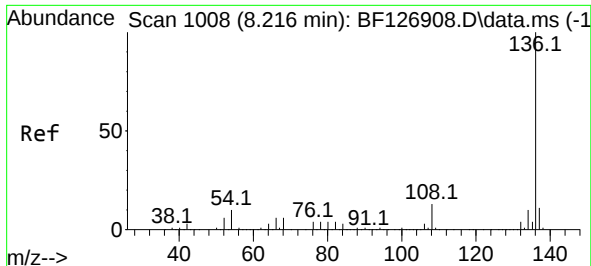
Tgt Ion: 94 Resp: 25428
Ion Ratio Lower Upper
94 100
65 49.4 7.2 47.2#
66 110.4 14.5 54.5#



#19
n-Nitroso-di-n-propylamine
Concen: 22.562 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.153 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

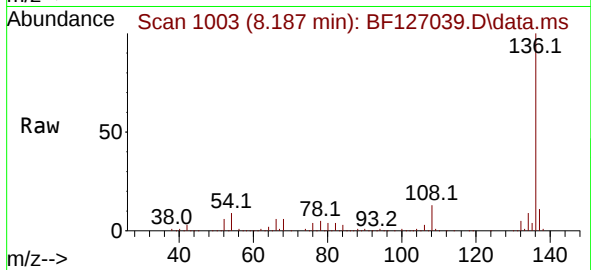
Tgt Ion: 70 Resp: 129983
Ion Ratio Lower Upper
70 100
42 45.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#



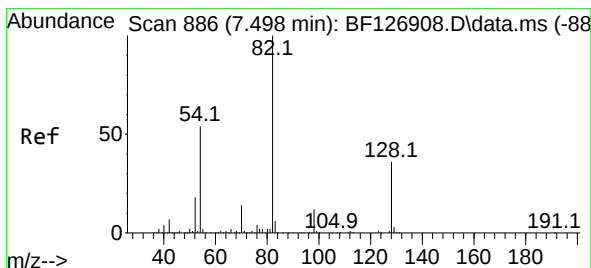
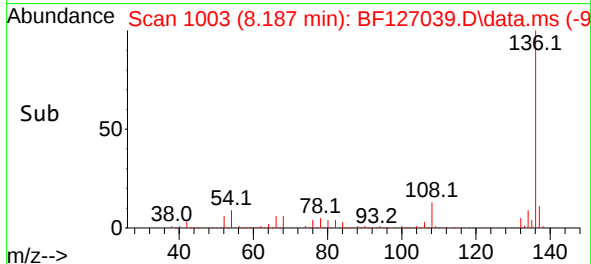
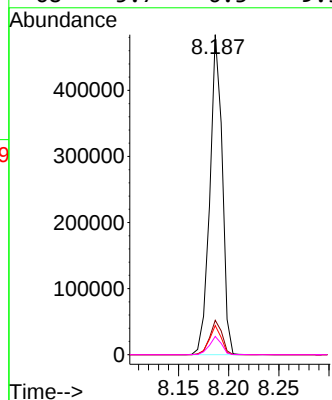


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

Instrument :
BNA_F
ClientSampleId :
RO-124055

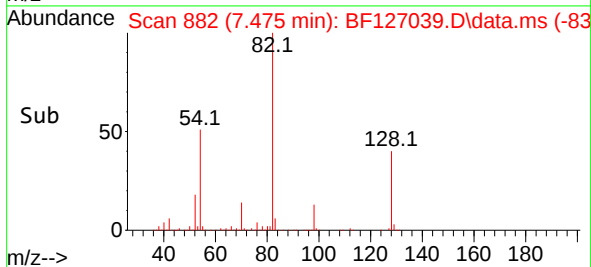
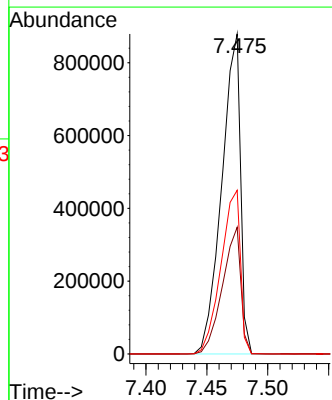
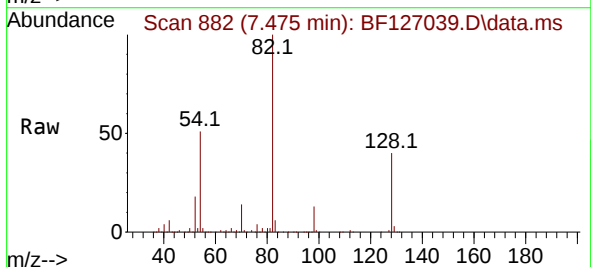


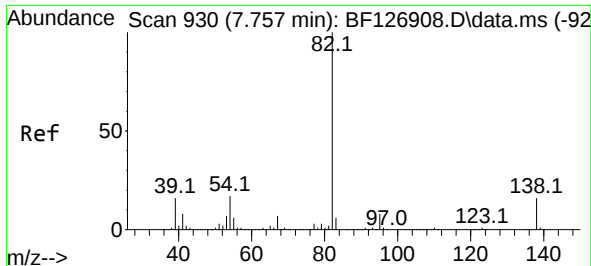
Tgt Ion:136 Resp: 417528
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 7.8 11.6
68 5.7 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 101.519 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

Tgt Ion: 82 Resp: 939073
Ion Ratio Lower Upper
82 100
128 39.6 32.7 49.1
54 51.1 41.7 62.5

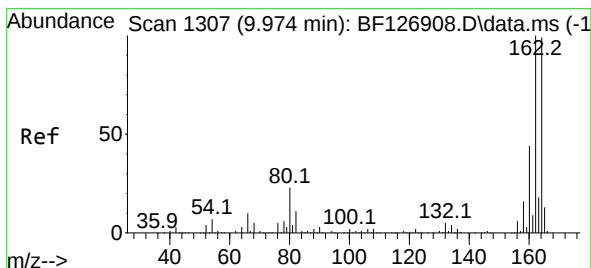
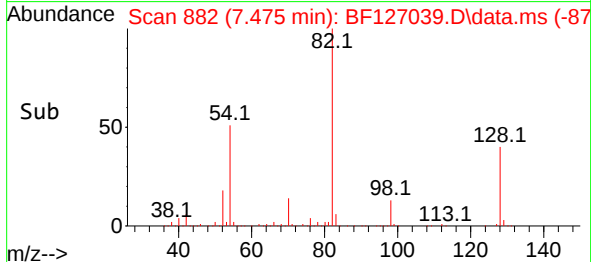
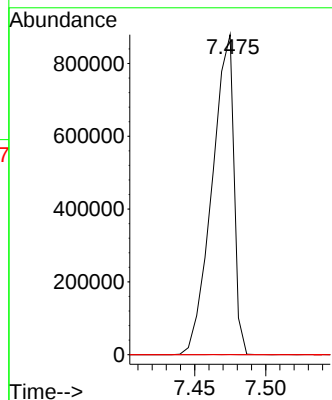
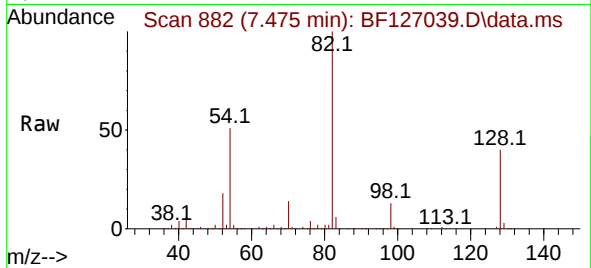




#25
Isophorone
Concen: 61.258 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

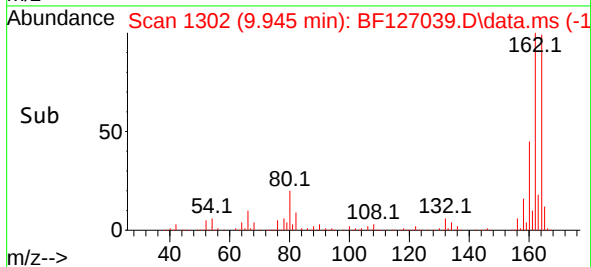
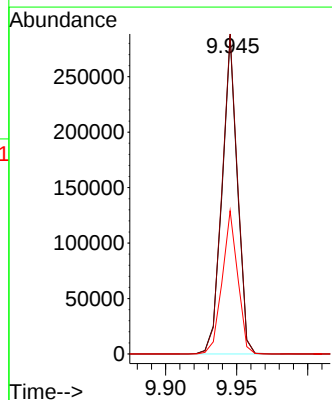
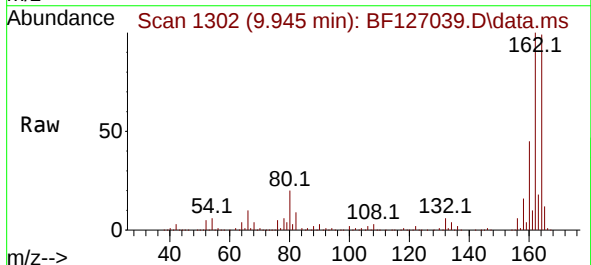
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ClientSampleId :
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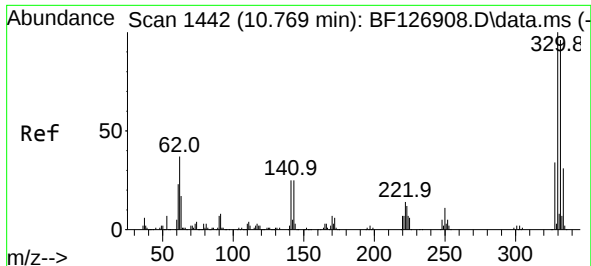
Tgt Ion: 82 Resp: 937651
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

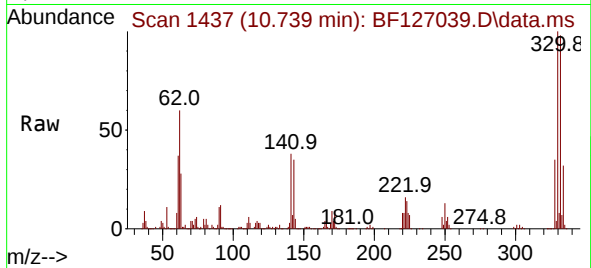
Tgt Ion: 164 Resp: 214242
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 45.0 36.6 54.8



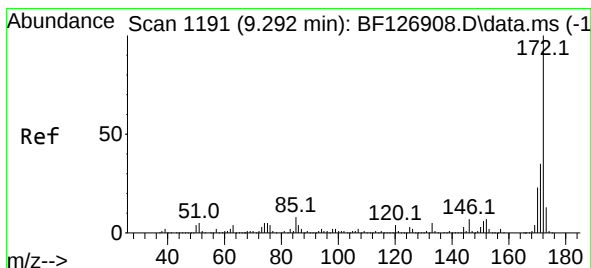
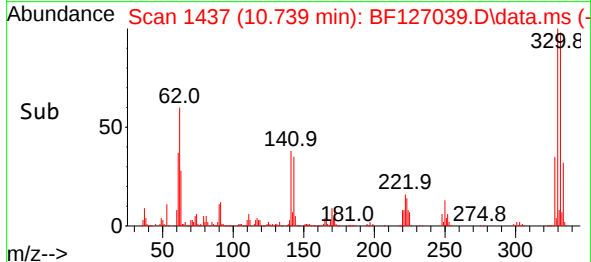
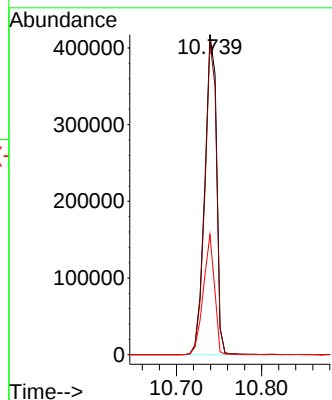


#42
2,4,6-Tribromophenol
Concen: 163.011 ng
RT: 10.739 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

Instrument :
BNA_F
ClientSampleId :
RO-124055

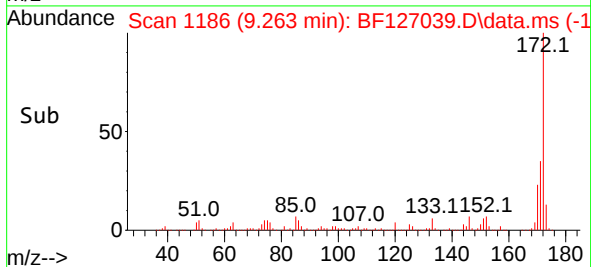
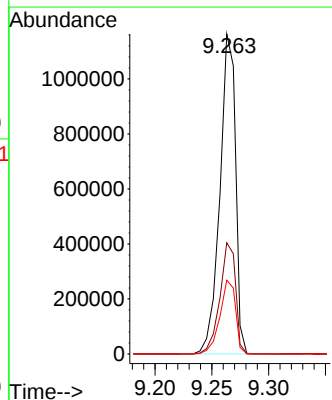
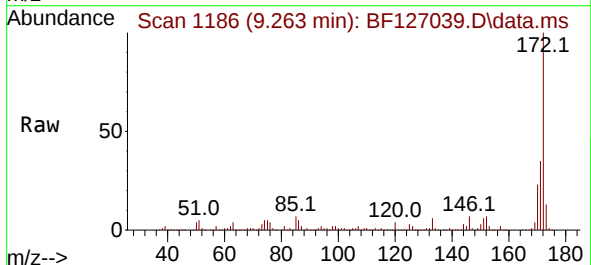


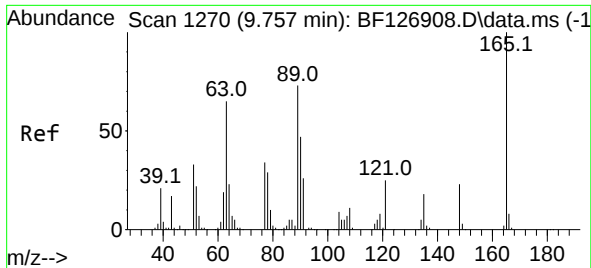
Tgt Ion:330 Resp: 402100
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 35.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 76.827 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

Tgt Ion:172 Resp: 1118056
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.1 19.0 28.6

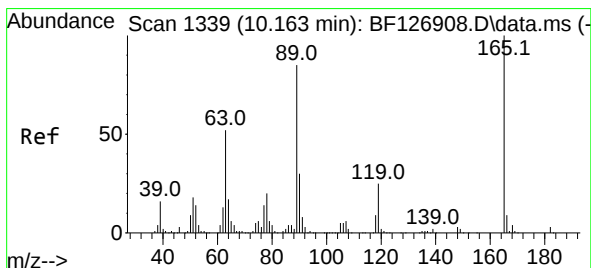
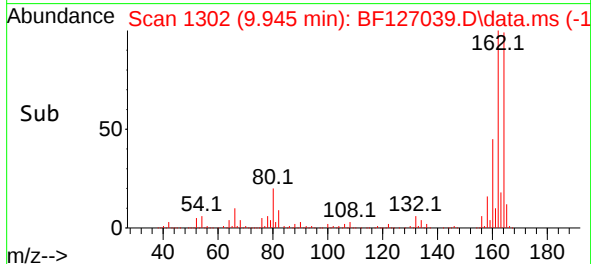
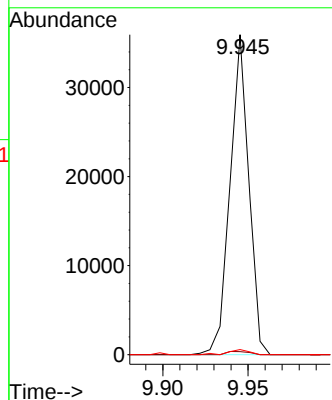
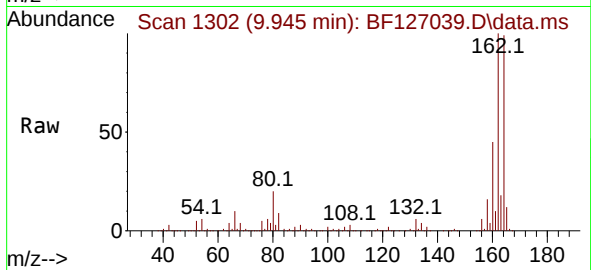




#51
2,6-Dinitrotoluene
Concen: 8.839 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

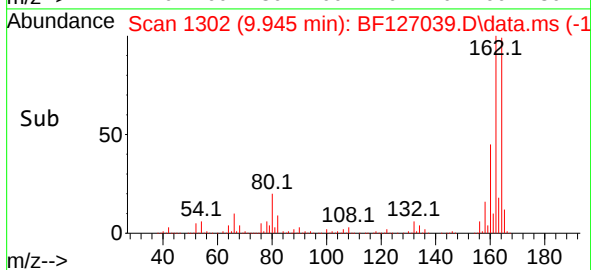
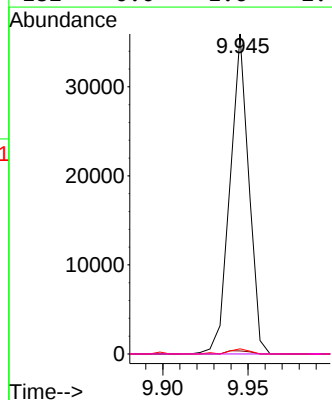
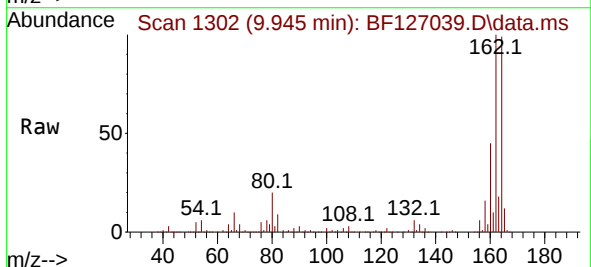
Instrument :
BNA_F
ClientSampleId :
RO-124055

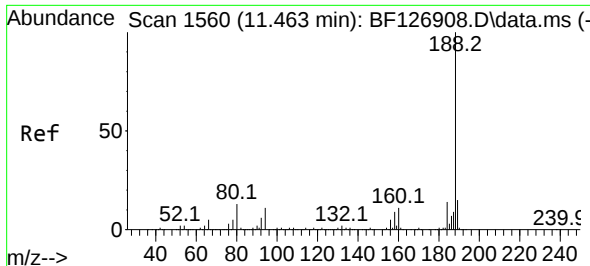
Tgt Ion:165 Resp: 27540
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.538 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

Tgt Ion:165 Resp: 27540
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#

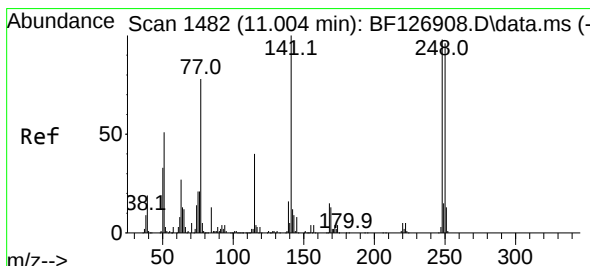
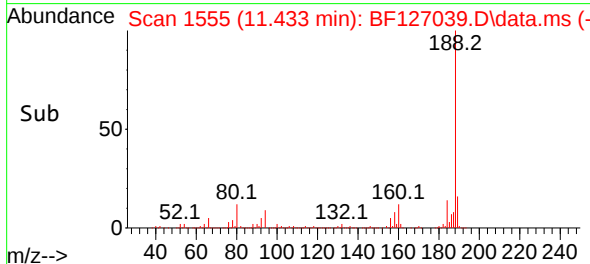
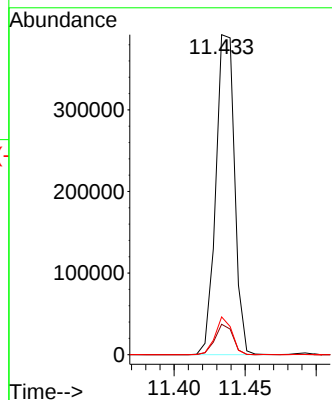
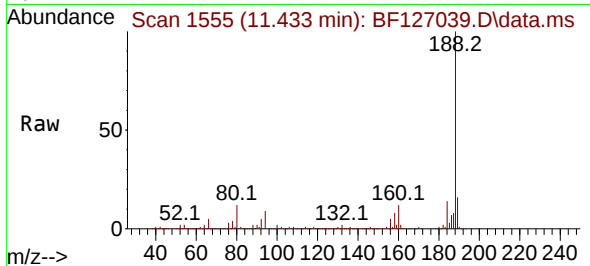




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

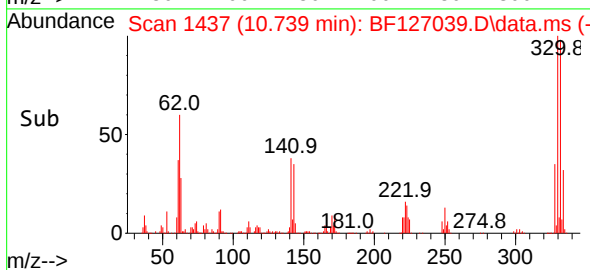
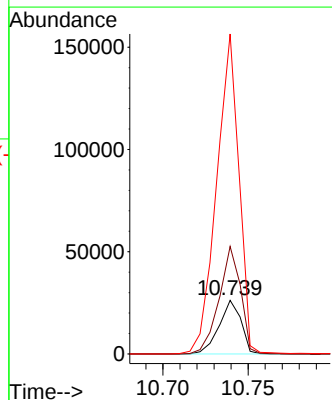
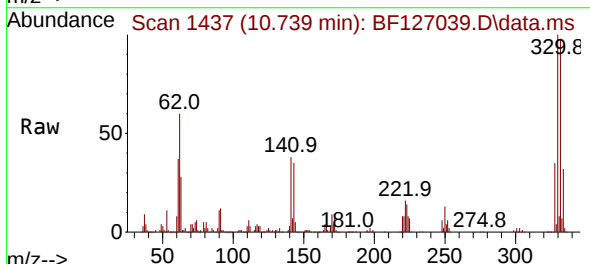
Instrument :
BNA_F
ClientSampleId :
RO-124055

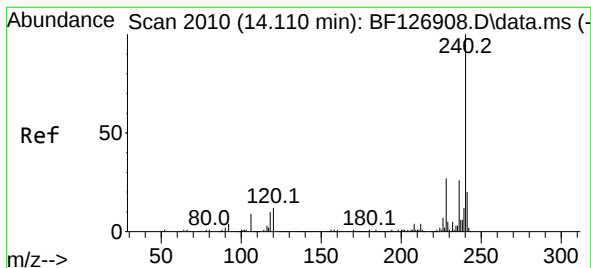
Tgt Ion:188 Resp: 358789
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 11.8 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 5.868 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF127039.D
Acq: 23 Feb 2022 15:04

Tgt Ion:248 Resp: 23522
Ion Ratio Lower Upper
248 100
250 200.4 76.2 114.4#
141 596.7 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127039.D

Acq: 23 Feb 2022 15:04

Instrument :

BNA_F

ClientSampleId :

RO-124055

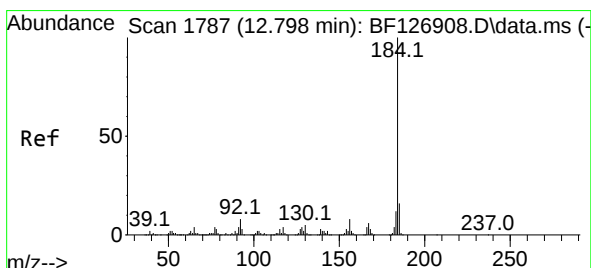
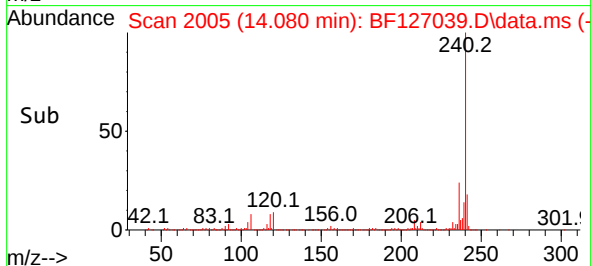
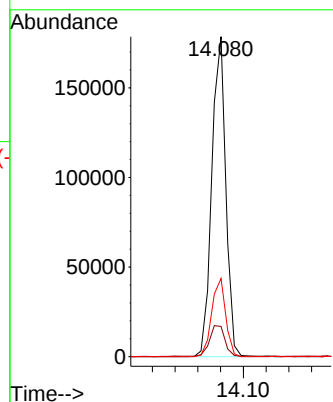
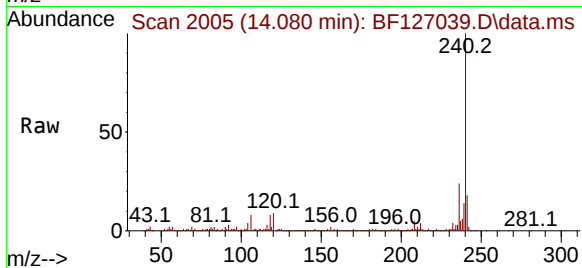
Tgt Ion:240 Resp: 152386

Ion Ratio Lower Upper

240 100

120 9.5 14.4 21.6#

236 24.5 20.5 30.7



#77

Benidine

Concen: 3.013 ng

RT: 13.022 min Scan# 1825

Delta R.T. 0.247 min

Lab File: BF127039.D

Acq: 23 Feb 2022 15:04

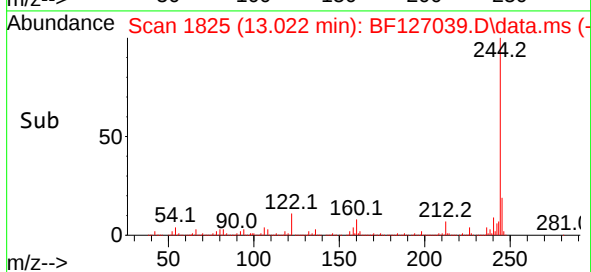
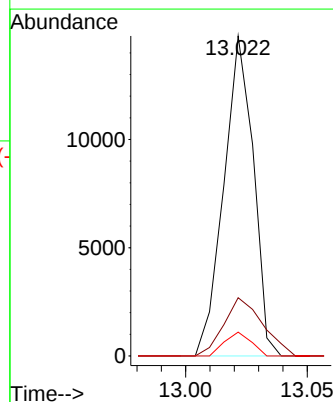
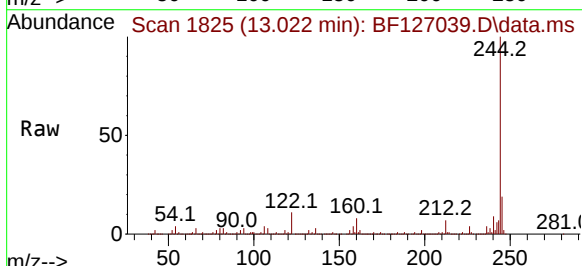
Tgt Ion:184 Resp: 12476

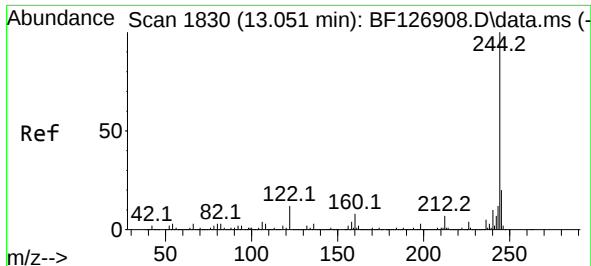
Ion Ratio Lower Upper

184 100

185 18.2 11.8 17.8#

183 7.5 8.2 12.2#

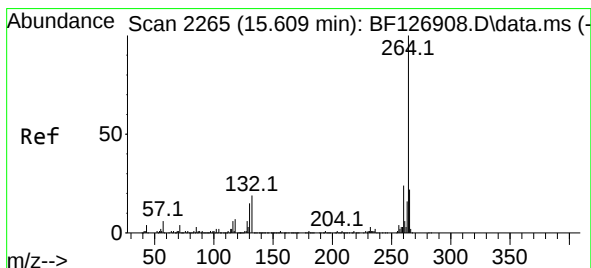
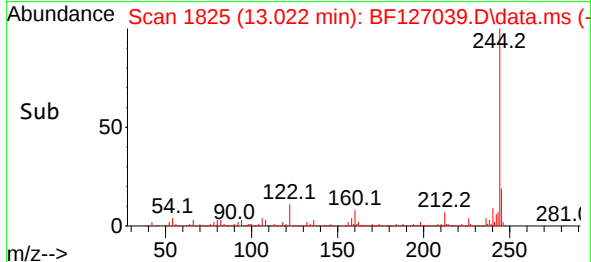
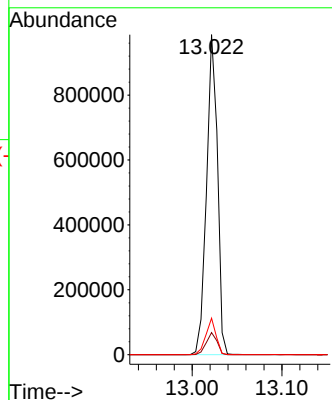
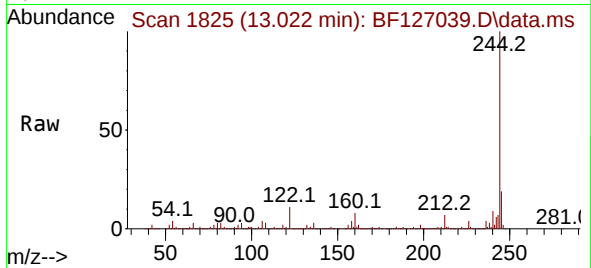




#79
 Terphenyl-d14
 Concen: 80.318 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF127039.D
 Acq: 23 Feb 2022 15:04

Instrument :
 BNA_F
 ClientSampleId :
 RO-124055

Tgt Ion:244 Resp: 832590
 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: 15.580 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF127039.D
 Acq: 23 Feb 2022 15:04

Tgt Ion:264 Resp: 146448
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 19.7 17.4 26.2

