

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127197.D
 Acq On : 04 Mar 2022 13:28
 Operator : CG\JU
 Sample : N1790-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-17

Quant Time: Mar 05 02:19:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

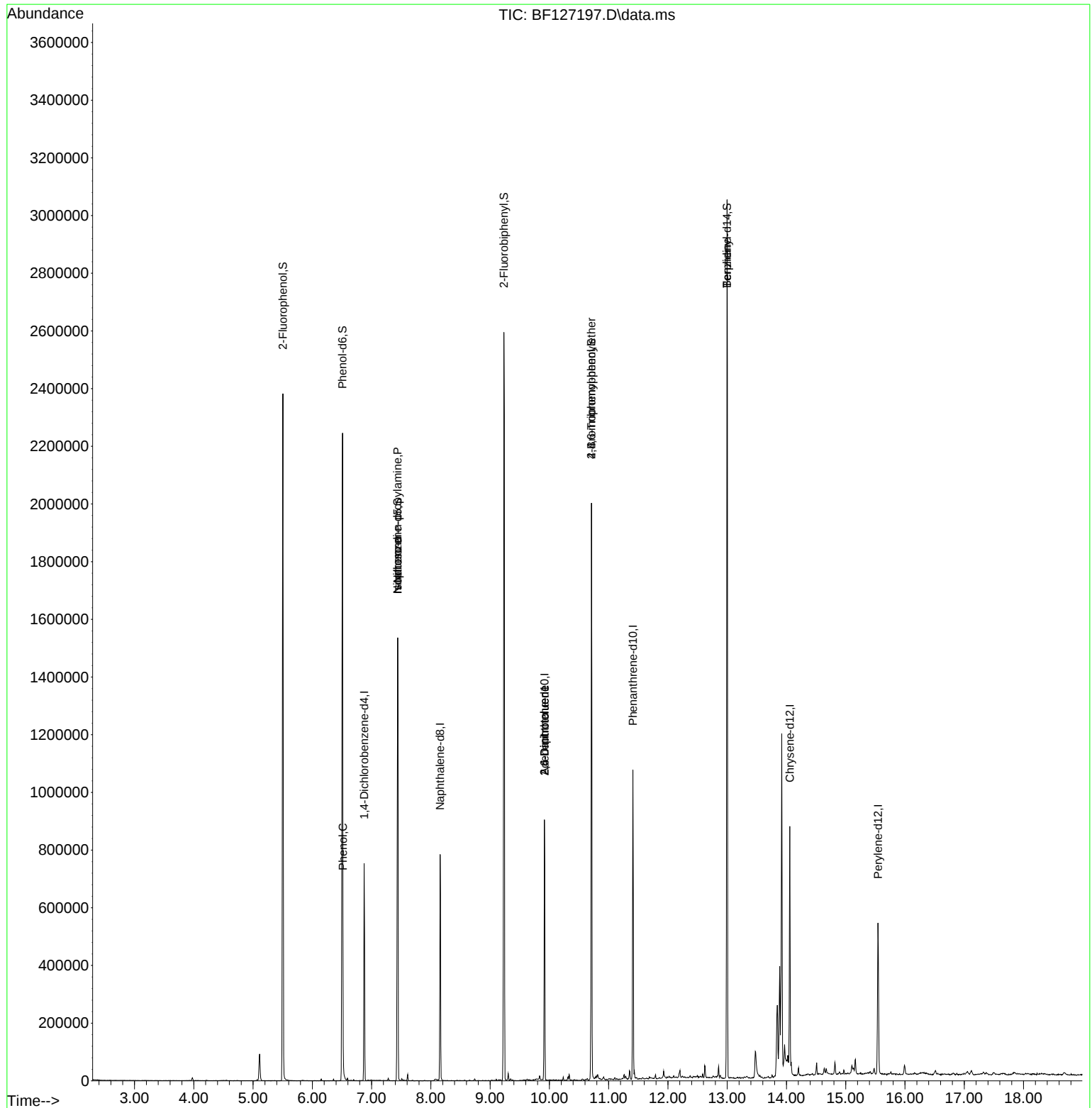
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	95583	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	333611	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	175427	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	340024	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	254128	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	208105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	576515	93.222	ng	0.00
7) Phenol-d6	6.510	99	764101	91.566	ng	0.00
23) Nitrobenzene-d5	7.439	82	533391	72.167	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	231689	114.709	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	805688	67.612	ng	0.00
79) Terphenyl-d14	12.998	244	1046029	60.509	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	20053	2.378	ng	# 49
19) n-Nitroso-di-n-propyla...	7.439	70	72798	13.538	ng	# 76
25) Isophorone	7.439	82	533383	43.612	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	23164	9.080	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	23164	6.715	ng	# 15
67) 4-Bromophenyl-phenylether	10.710	248	13717	3.611	ng	# 1
77) Benzidine	12.998	184	15743	2.280	ng	# 97

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

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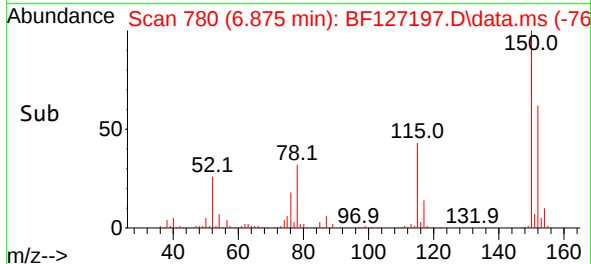
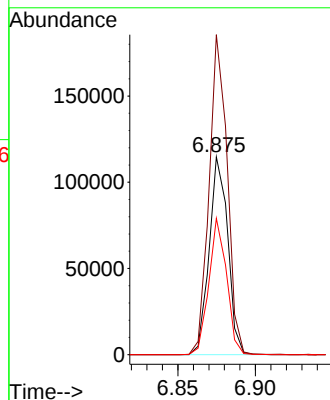
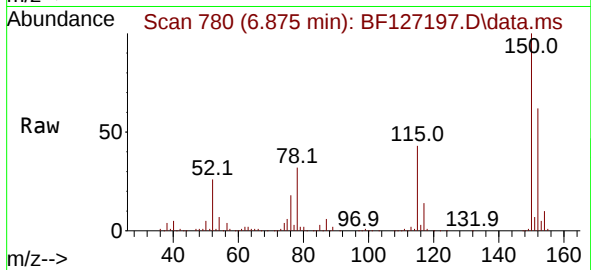




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

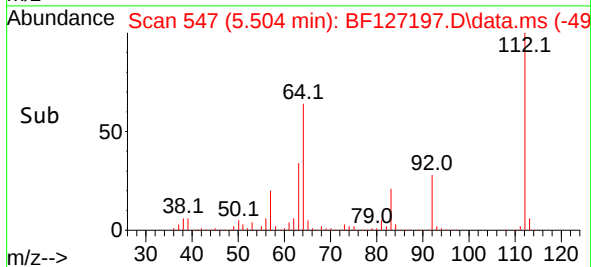
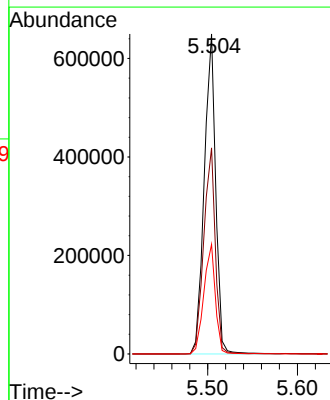
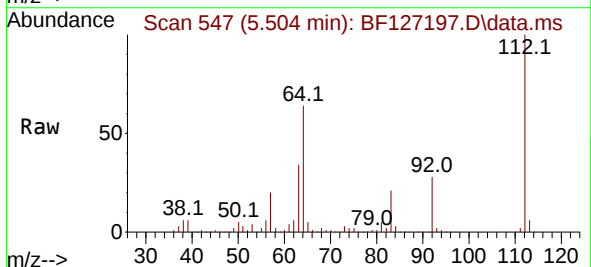
Instrument :
BNA_F
ClientSampleId :
DUM-17

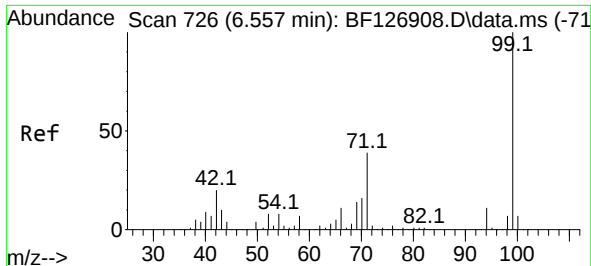
Tgt Ion:152 Resp: 95583
Ion Ratio Lower Upper
152 100
150 161.8 128.1 192.1
115 68.9 56.7 85.1



#5
2-Fluorophenol
Concen: 93.222 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Tgt Ion:112 Resp: 576515
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 34.2 23.9 35.9

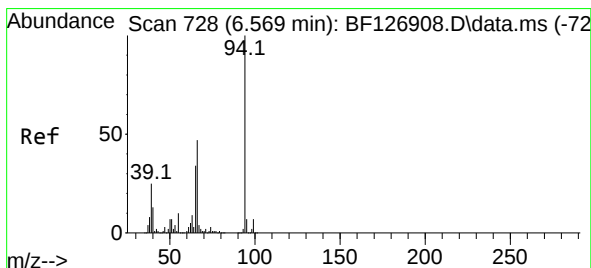
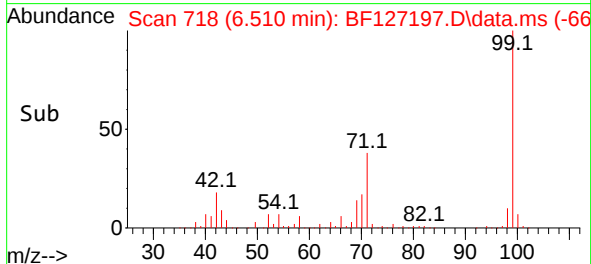
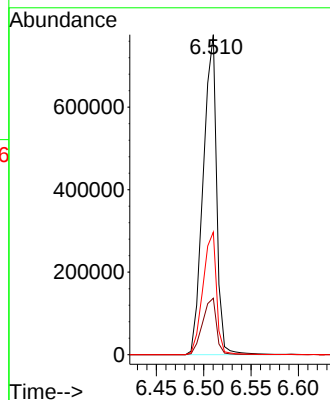
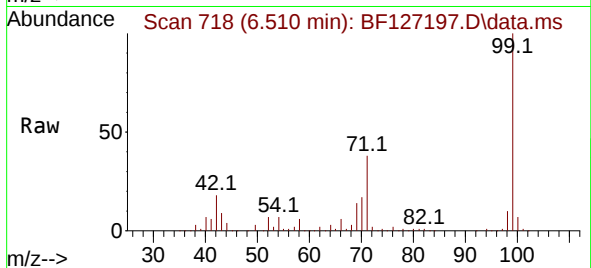




#7
Phenol-d6
Concen: 91.566 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

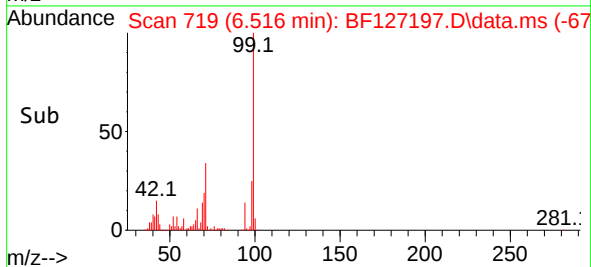
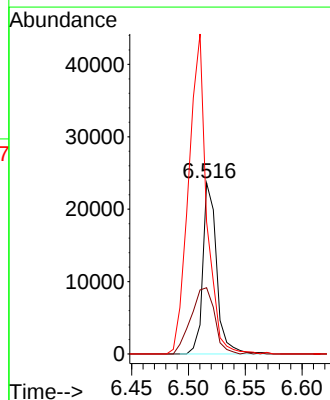
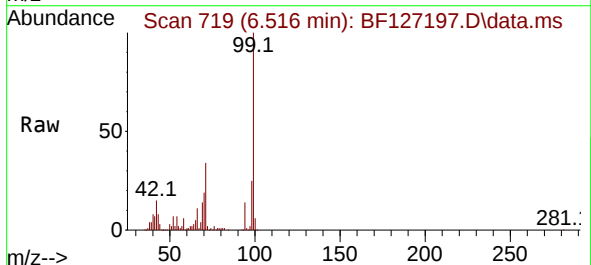
Instrument :
BNA_F
ClientSampleId :
DUM-17

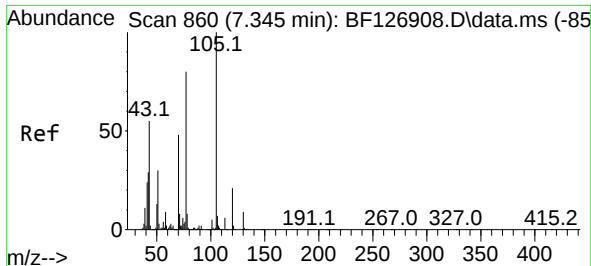
Tgt Ion: 99 Resp: 764101
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 38.3 24.3 36.5#



#10
Phenol
Concen: 2.378 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 94 Resp: 20053
Ion Ratio Lower Upper
94 100
65 38.7 7.2 47.2
66 77.3 14.5 54.5#

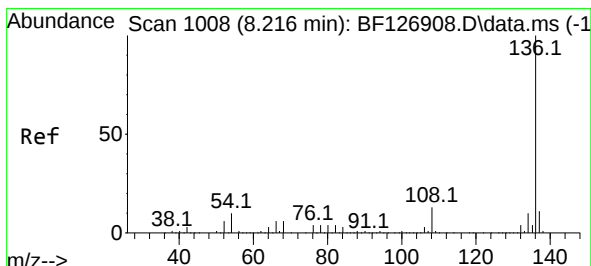
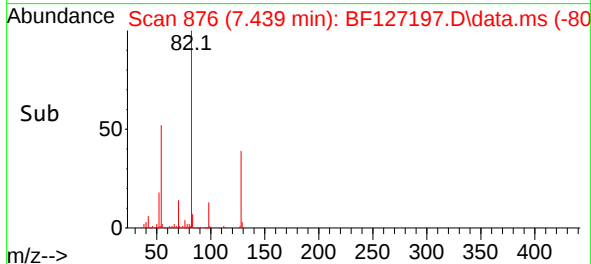
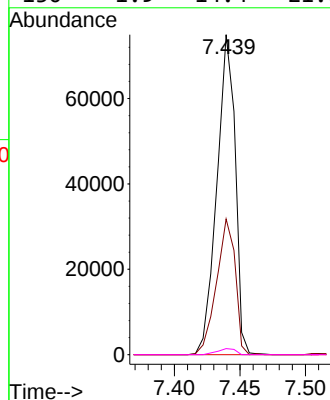
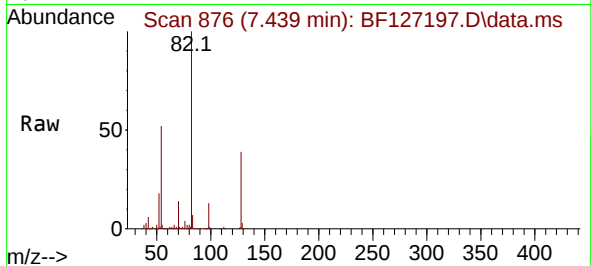




#19
n-Nitroso-di-n-propylamine
Concen: 13.538 ng
RT: 7.439 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

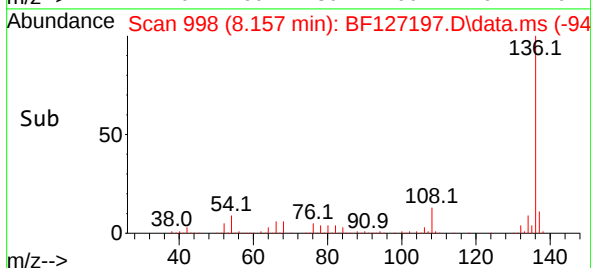
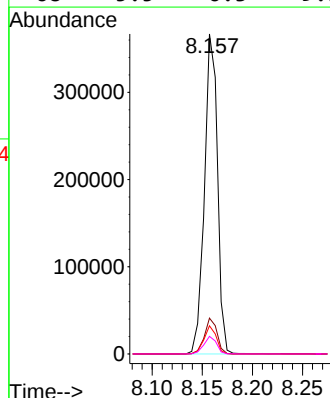
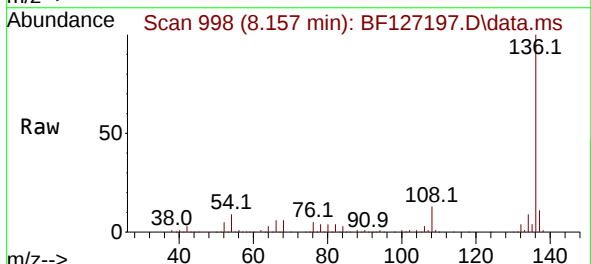
Instrument :
BNA_F
ClientSampleId :
DUM-17

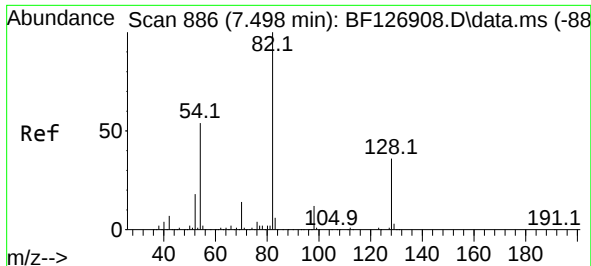
Tgt Ion:	70	Resp:	72798
Ion	Ratio	Lower	Upper
70	100		
42	42.4	45.8	68.8#
101	0.0	6.9	10.3#
130	1.9	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Tgt Ion:	136	Resp:	333611
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.8	7.8	11.6
68	5.5	6.3	9.5#





#23

Nitrobenzene-d5

Concen: 72.167 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127197.D

Acq: 04 Mar 2022 13:28

Instrument :

BNA_F

ClientSampleId :

DUM-17

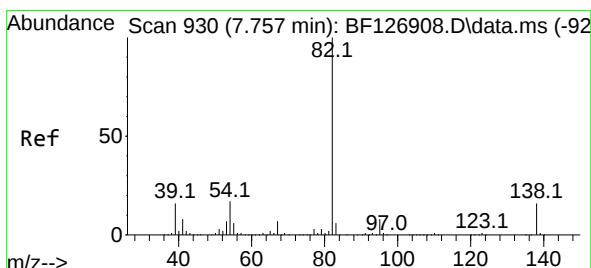
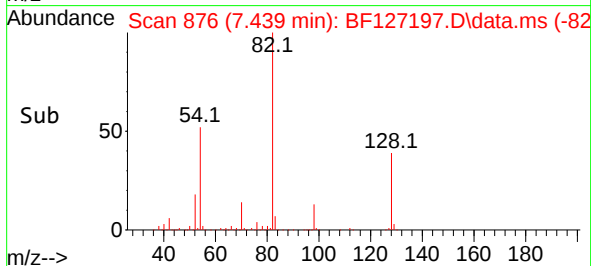
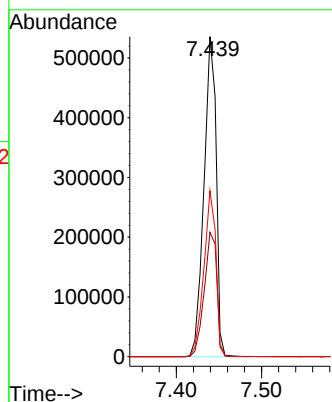
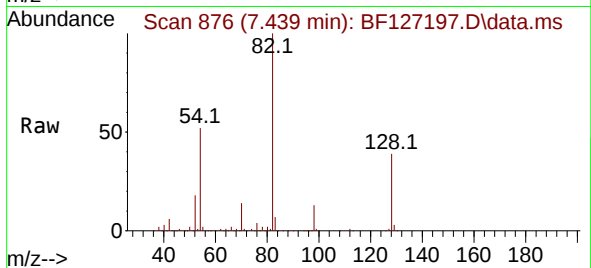
Tgt Ion: 82 Resp: 533391

Ion Ratio Lower Upper

82 100

128 38.9 32.7 49.1

54 51.8 41.7 62.5



#25

Isophorone

Concen: 43.612 ng

RT: 7.439 min Scan# 876

Delta R.T. -0.265 min

Lab File: BF127197.D

Acq: 04 Mar 2022 13:28

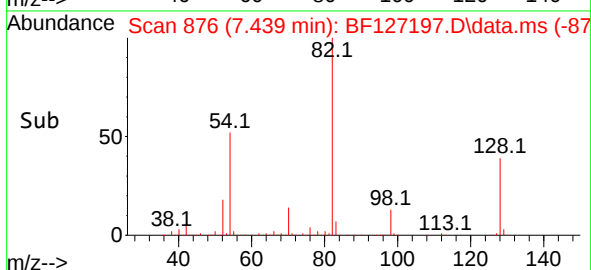
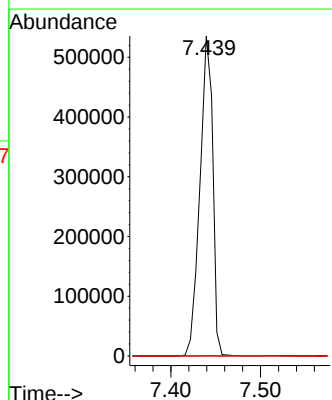
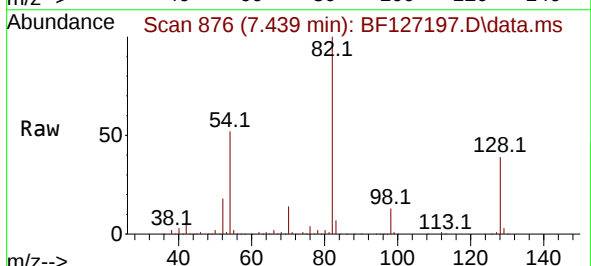
Tgt Ion: 82 Resp: 533383

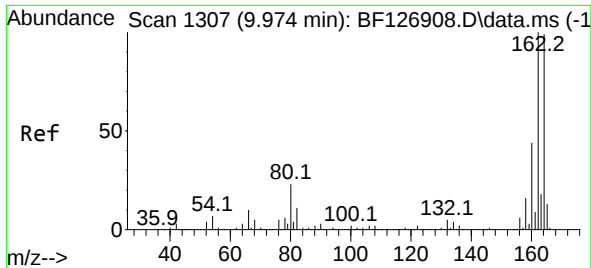
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

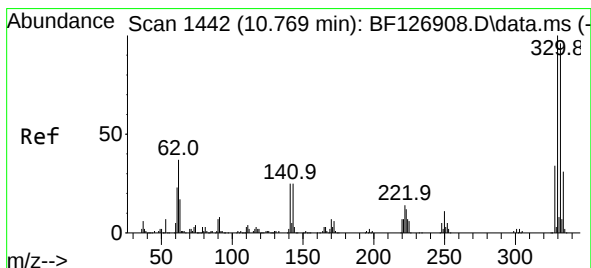
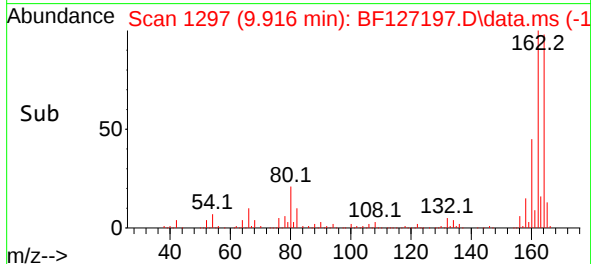
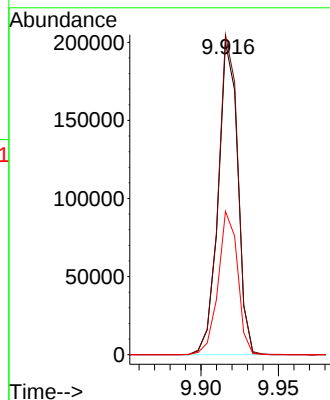
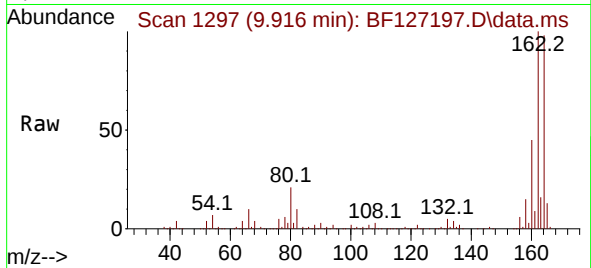




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

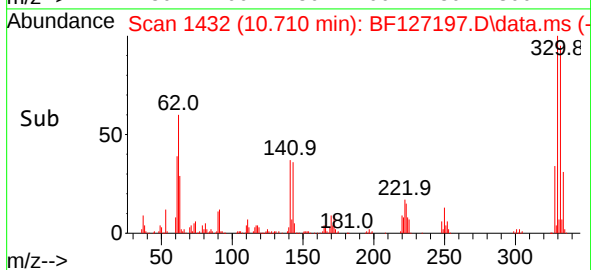
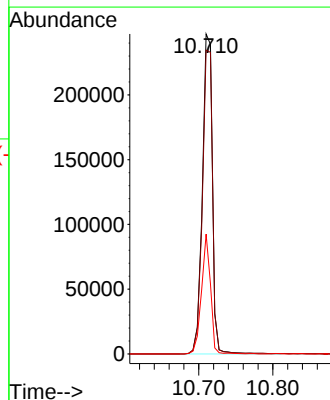
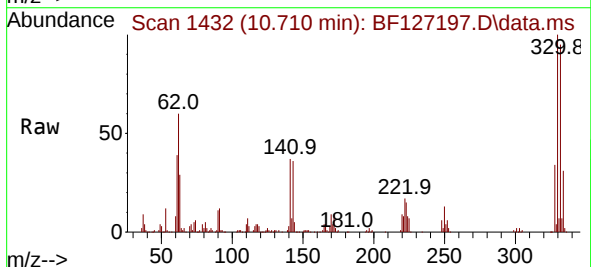
Instrument :
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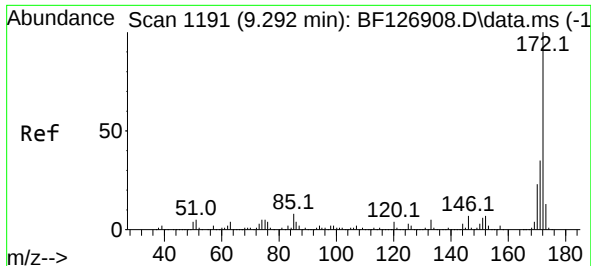
Tgt Ion:164 Resp: 175427
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 114.709 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Tgt Ion:330 Resp: 231689
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 33.6 30.1 45.1

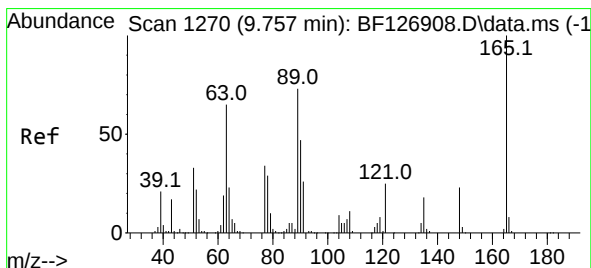
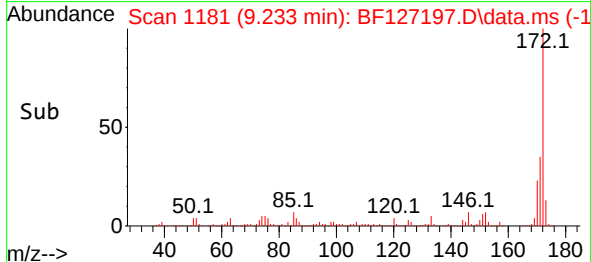
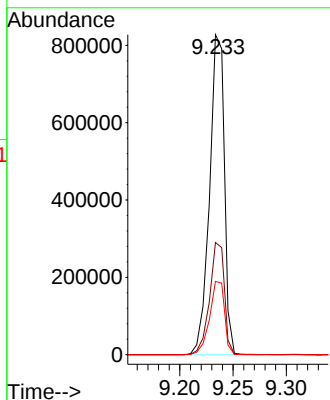
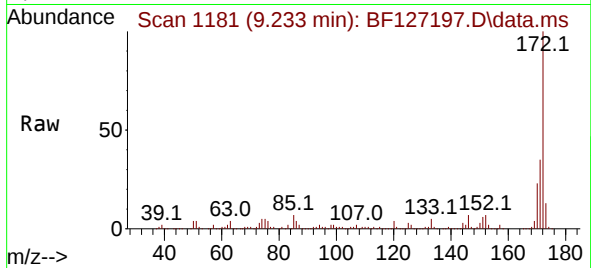




#45
2-Fluorobiphenyl
Concen: 67.612 ng
RT: 9.233 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

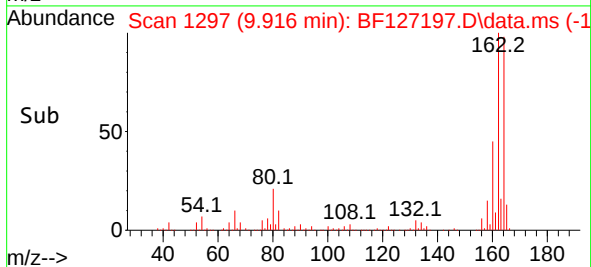
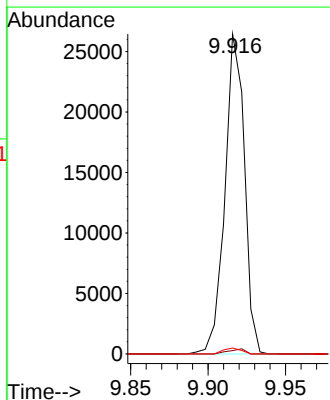
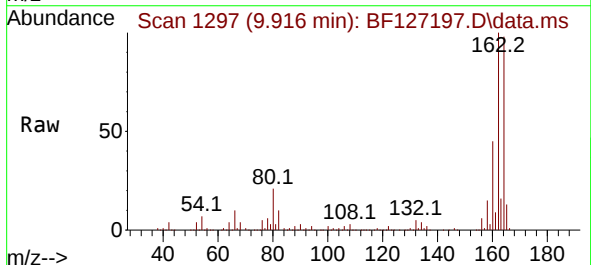
Instrument :
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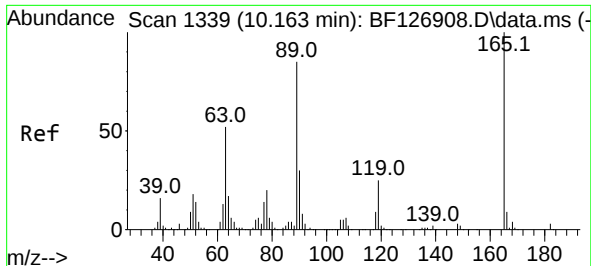
Tgt Ion:172 Resp: 805688
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.080 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Tgt Ion:165 Resp: 23164
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.9 50.5 75.7#

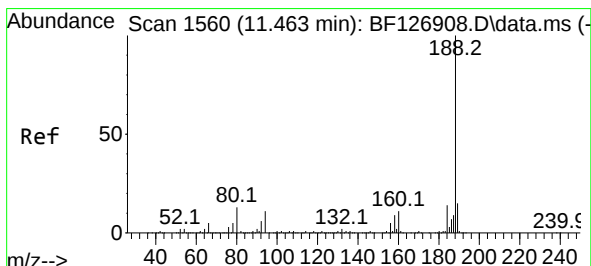
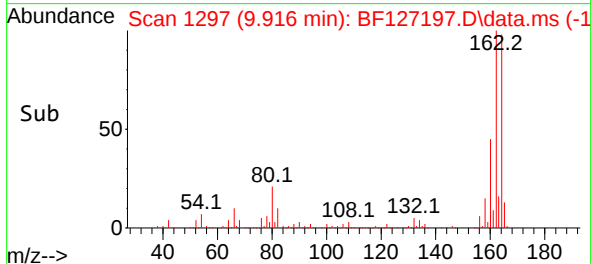
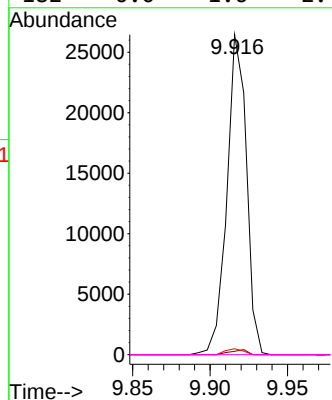
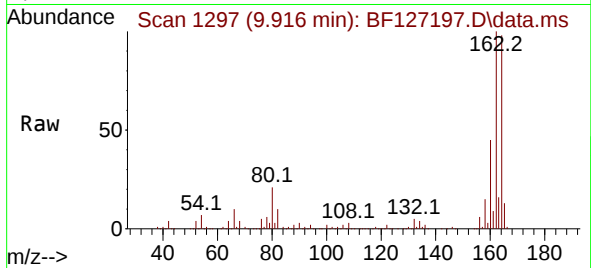




#57
2,4-Dinitrotoluene
Concen: 6.715 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

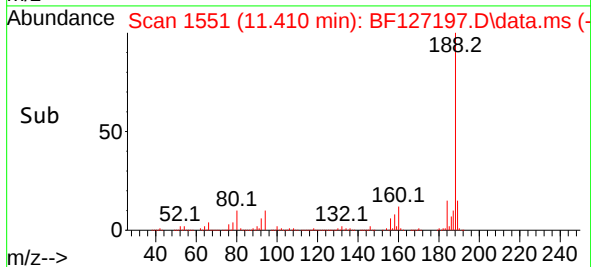
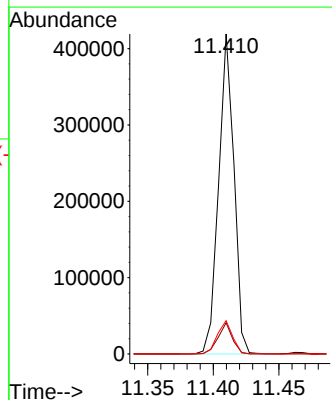
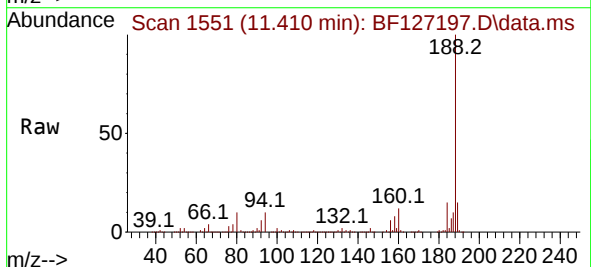
Instrument :
BNA_F
ClientSampleId :
DUM-17

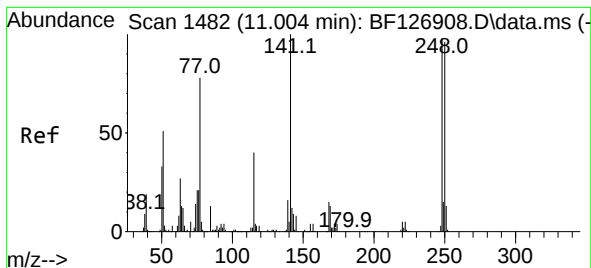
Tgt Ion:165 Resp: 23164
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Tgt Ion:188 Resp: 340024
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.4 11.8 17.6#

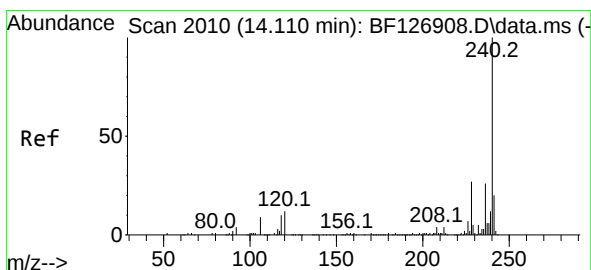
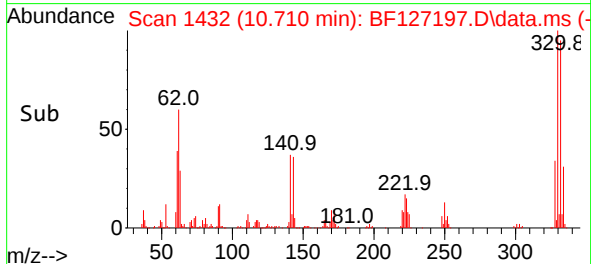
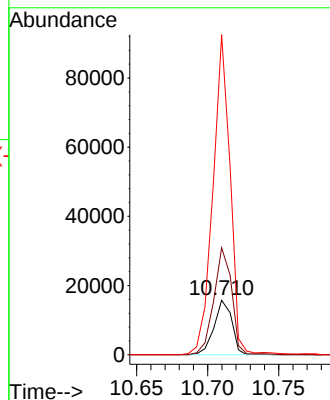
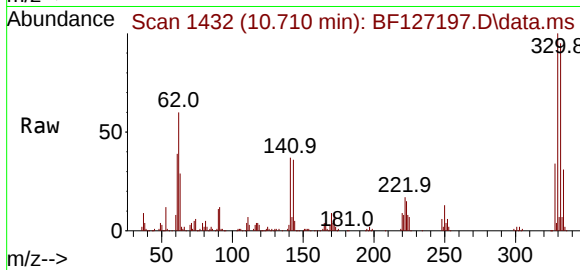




#67
4-Bromophenyl-phenylether
Concen: 3.611 ng
RT: 10.710 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

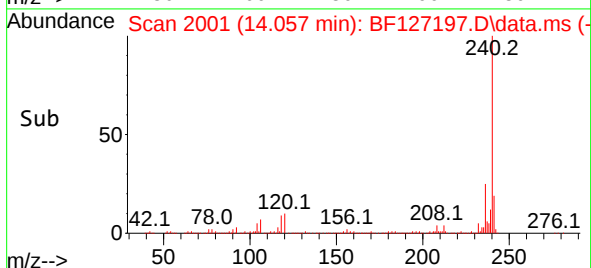
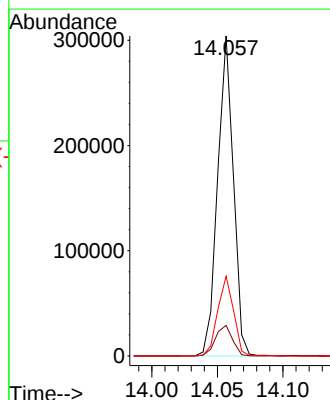
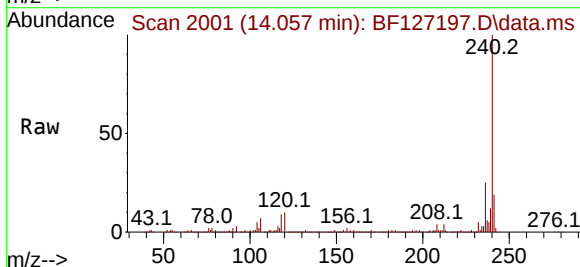
Instrument :
BNA_F
ClientSampleId :
DUM-17

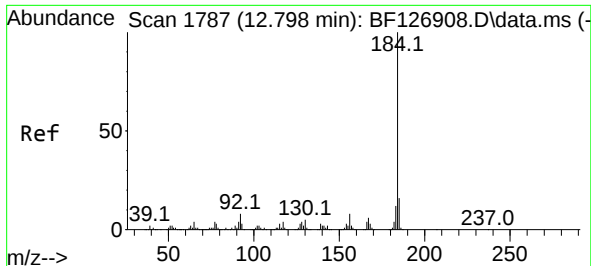
Tgt Ion:248 Resp: 13717
Ion Ratio Lower Upper
248 100
250 196.5 76.2 114.4#
141 588.0 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Tgt Ion:240 Resp: 254128
Ion Ratio Lower Upper
240 100
120 9.6 14.4 21.6#
236 24.9 20.5 30.7

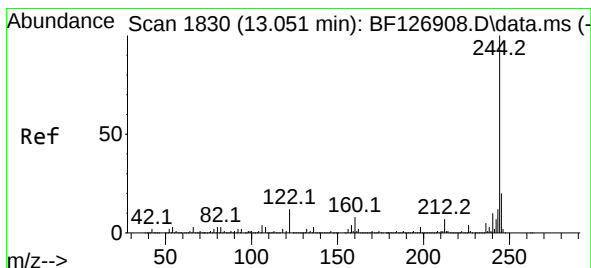
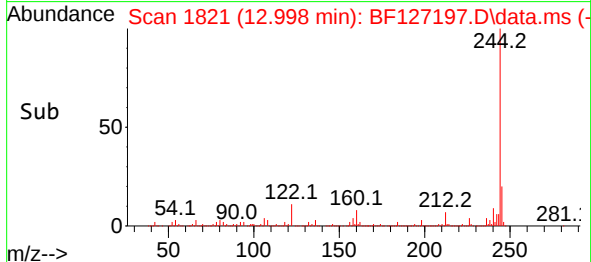
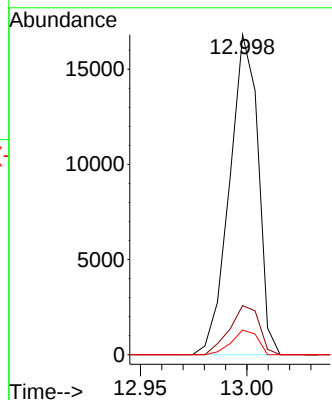
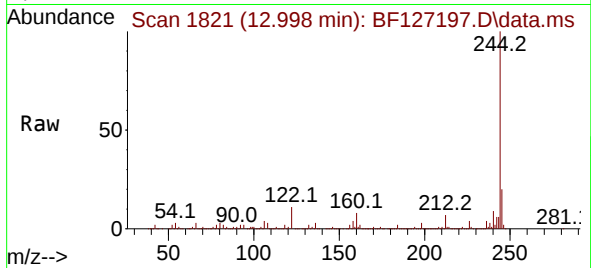




#77
Benzidine
Concen: 2.280 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

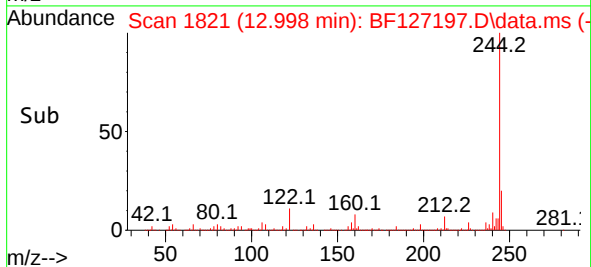
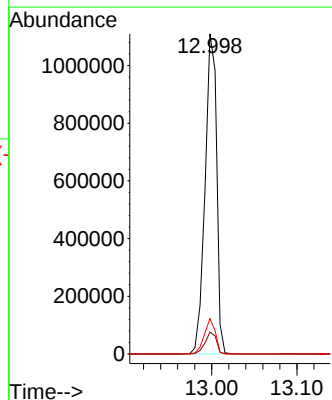
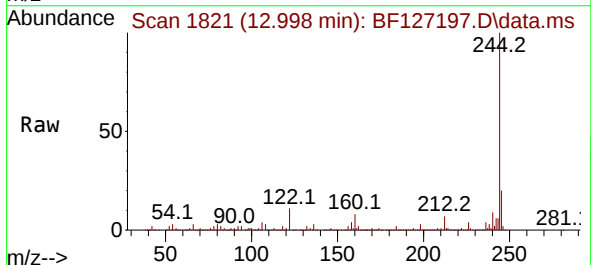
Instrument :
BNA_F
ClientSampleId :
DUM-17

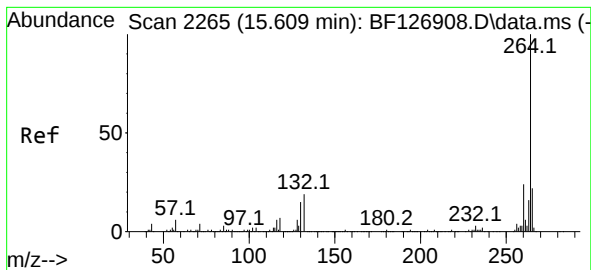
Tgt Ion:184 Resp: 15743
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 7.7 8.2 12.2#



#79
Terphenyl-d14
Concen: 60.509 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Tgt Ion:244 Resp: 1046029
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.1 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127197.D
Acq: 04 Mar 2022 13:28

Instrument :
BNA_F
ClientSampleId :
DUM-17

Tgt Ion:264 Resp: 208105
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.4 17.4 26.2

