

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127615.D
 Acq On : 01 Apr 2022 16:37
 Operator : CG\JU
 Sample : N2217-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Quant Time: Apr 01 17:56:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

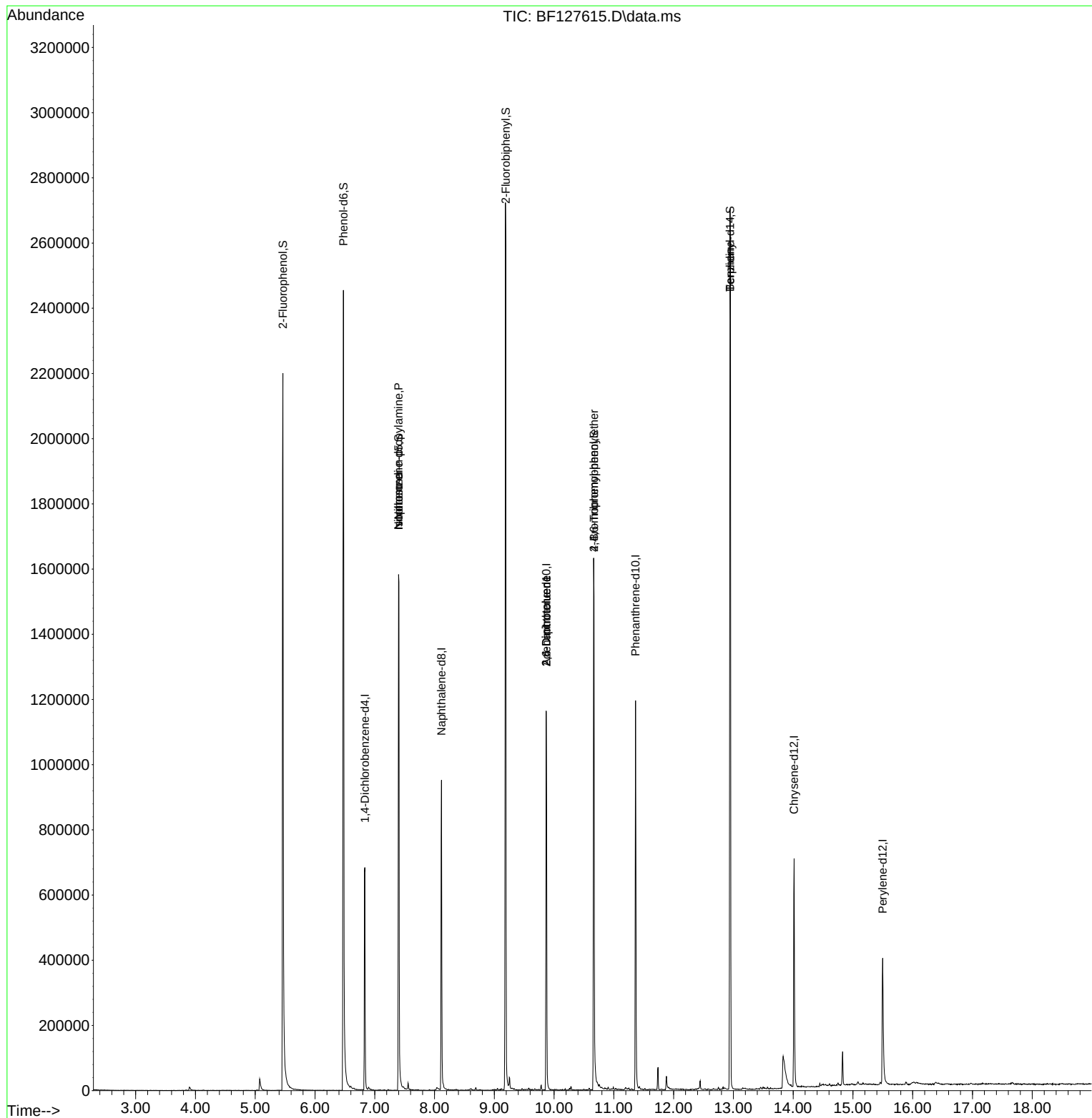
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	105736	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	400352	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	229103	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	415422	20.000	ng	0.00
76) Chrysene-d12	14.016	240	264650	20.000	ng	0.00
86) Perylene-d12	15.498	264	204978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	610156	92.111	ng	0.00
7) Phenol-d6	6.475	99	837101	92.449	ng	0.00
23) Nitrobenzene-d5	7.398	82	559526	59.741	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	207342	84.958	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	917857	58.501	ng	0.00
79) Terphenyl-d14	12.945	244	1012413	62.624	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1389	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	75721	13.951	ng	# 81
25) Isophorone	7.398	82	559521	37.509	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	29874	8.929	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	29874	6.937	ng	# 13
58) Fluorene	10.663	166	8551	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.669	248	13702	2.825	ng	# 1
77) Benzidine	12.945	184	12634	2.002	ng	# 87

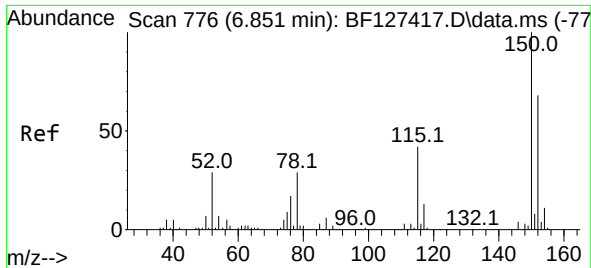
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
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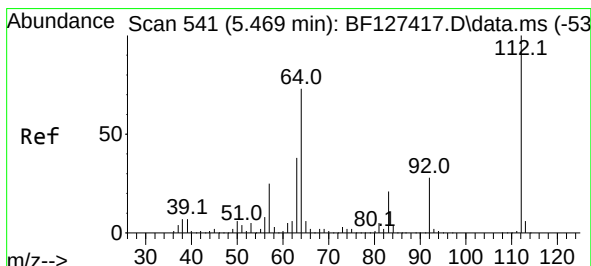
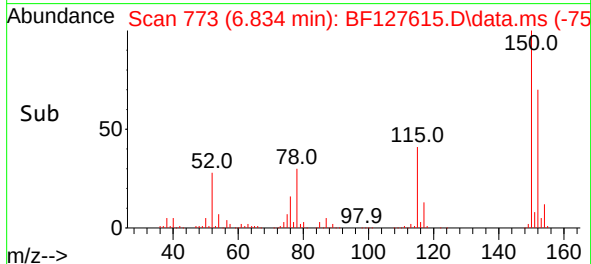
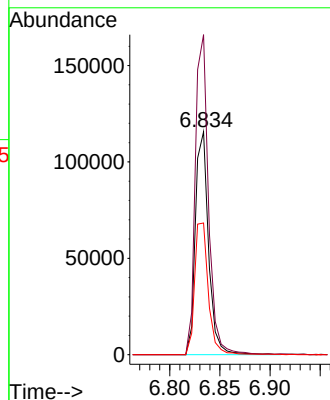
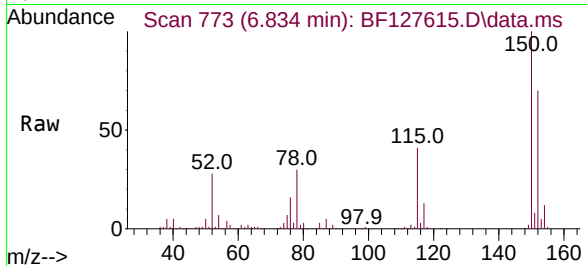




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

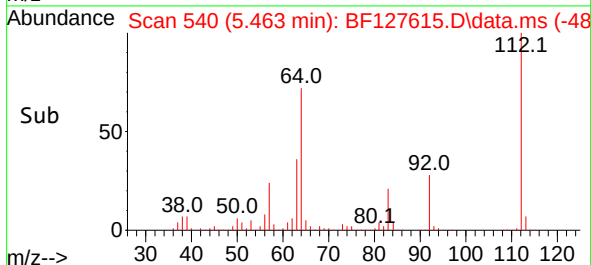
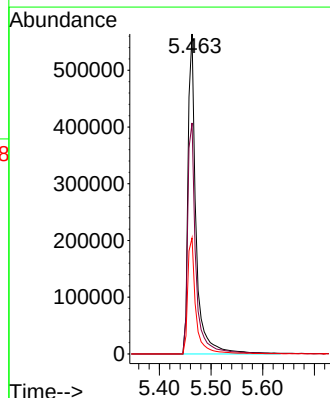
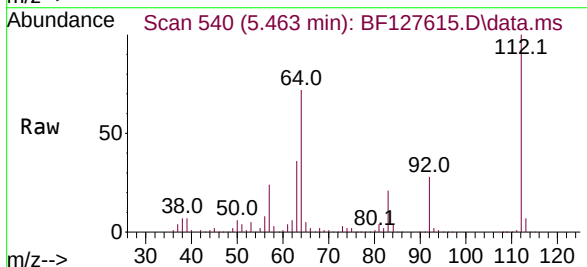
Instrument :
BNA_F
ClientSampleId :
SB-8

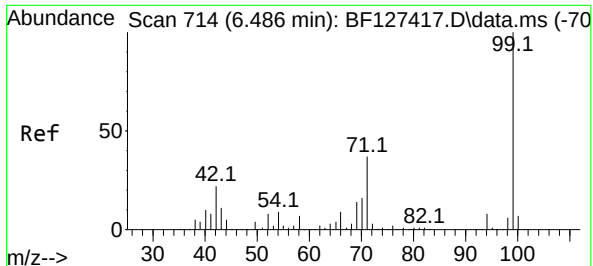
Tgt Ion:152 Resp: 105736
Ion Ratio Lower Upper
152 100
150 143.6 117.2 175.8
115 59.1 49.8 74.6



#5
2-Fluorophenol
Concen: 92.111 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

Tgt Ion:112 Resp: 610156
Ion Ratio Lower Upper
112 100
64 72.2 58.4 87.6
63 36.3 30.1 45.1

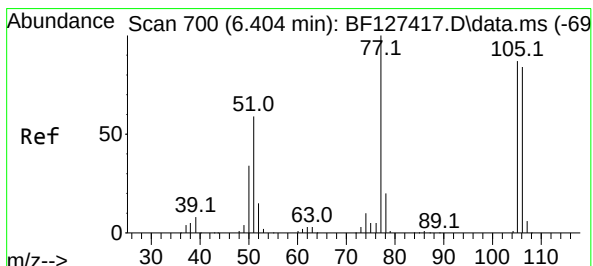
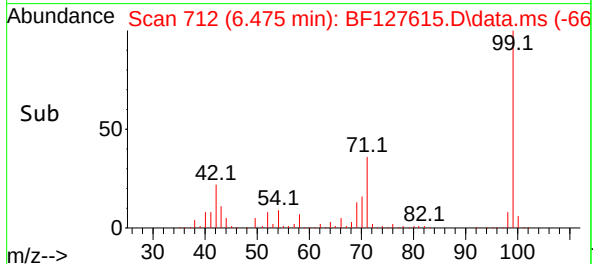
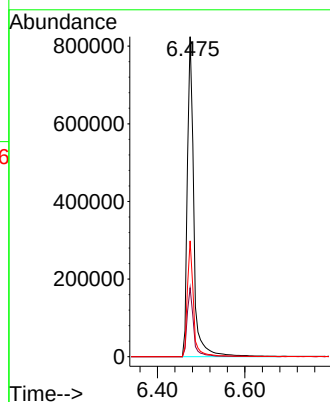
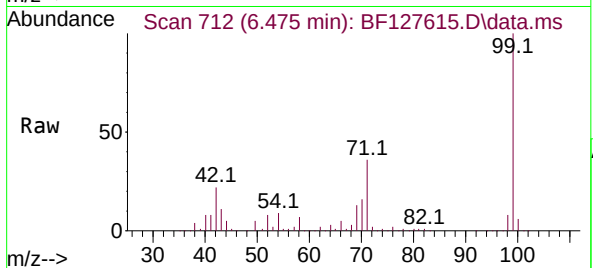




#7
Phenol-d6
Concen: 92.449 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

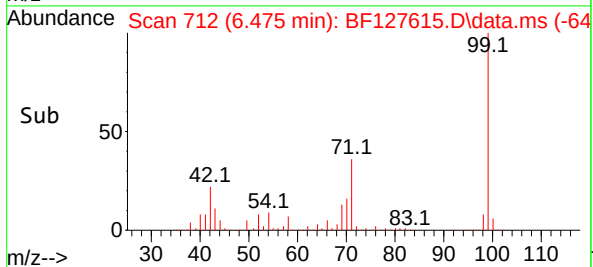
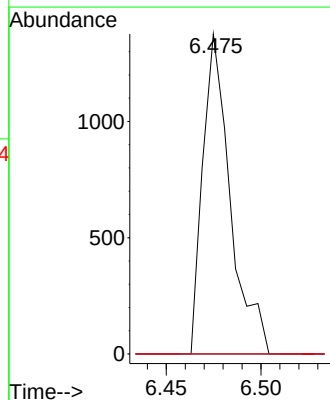
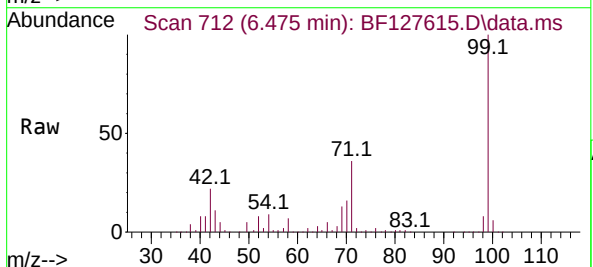
Instrument :
BNA_F
ClientSampleId :
SB-8

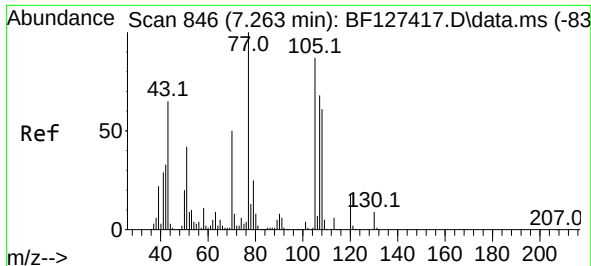
Tgt Ion: 99 Resp: 837101
Ion Ratio Lower Upper
99 100
42 21.5 17.8 26.6
71 36.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

Tgt Ion: 77 Resp: 1389
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: 13.951 ng

RT: 7.398 min Scan# 80

Delta R.T. 0.147 min

Lab File: BF127615.D

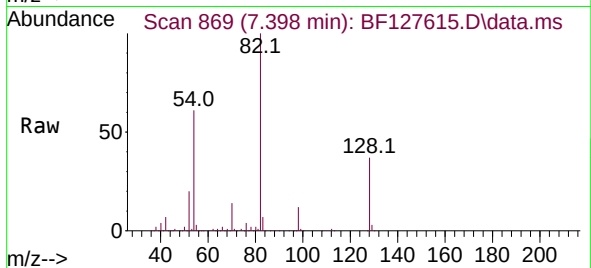
Acq: 01 Apr 2022 16:37

Instrument :

BNA_F

ClientSampleId :

SB-8



Tgt Ion: 70 Resp: 75721

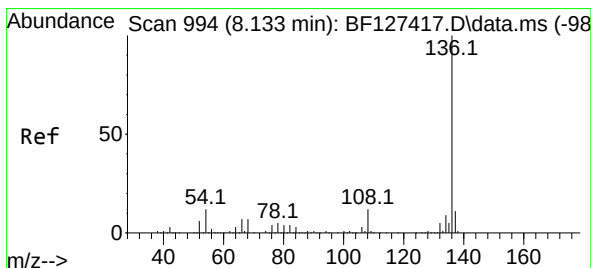
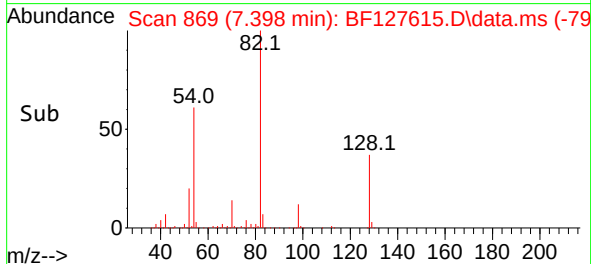
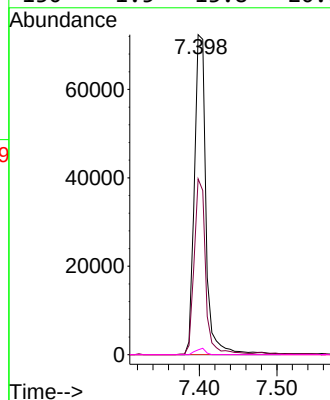
Ion Ratio Lower Upper

70 100

42 54.9 53.0 79.6

101 0.0 6.8 10.2#

130 1.5 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127615.D

Acq: 01 Apr 2022 16:37

Tgt Ion:136 Resp: 400352

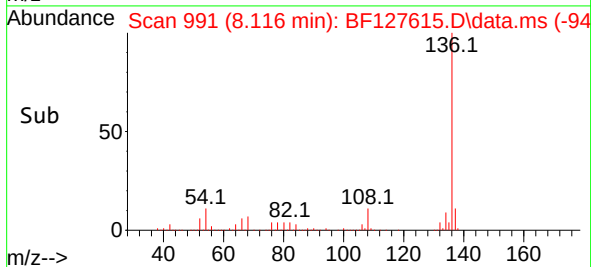
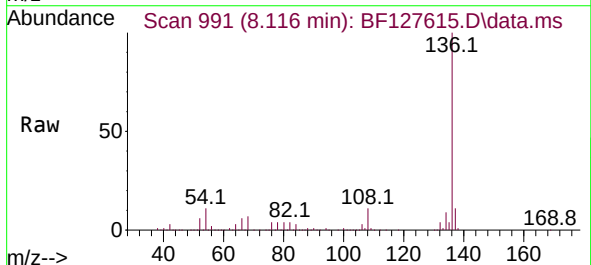
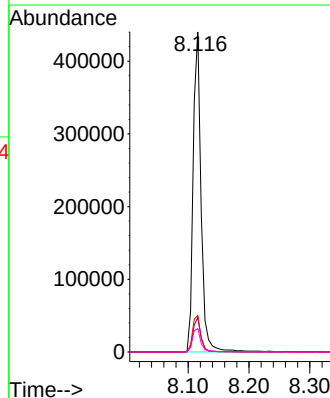
Ion Ratio Lower Upper

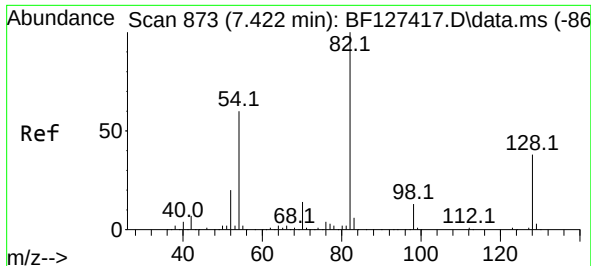
136 100

137 10.8 8.6 13.0

54 11.4 9.2 13.8

68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 59.741 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF127615.D

Acq: 01 Apr 2022 16:37

Instrument :

BNA_F

ClientSampleId :

SB-8

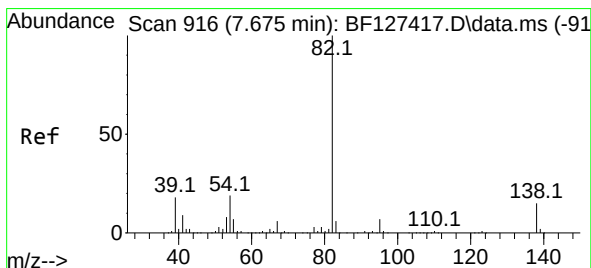
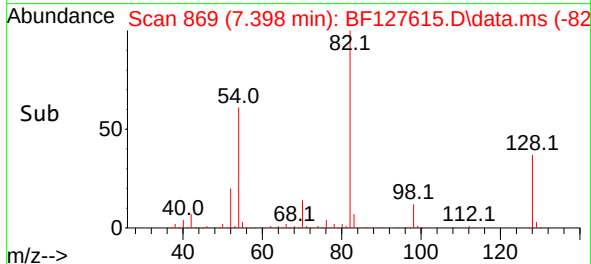
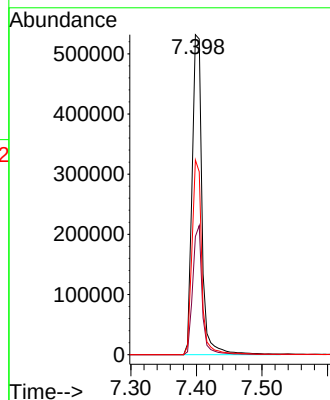
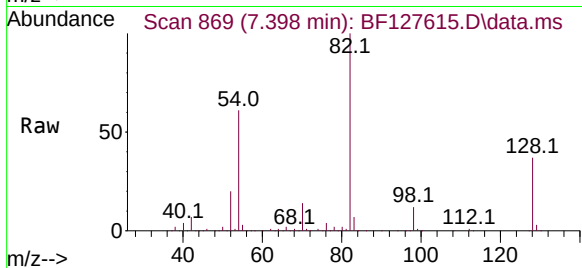
Tgt Ion: 82 Resp: 559526

Ion Ratio Lower Upper

82 100

128 36.9 30.6 45.8

54 60.8 48.2 72.2



#25

Isophorone

Concen: 37.509 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.265 min

Lab File: BF127615.D

Acq: 01 Apr 2022 16:37

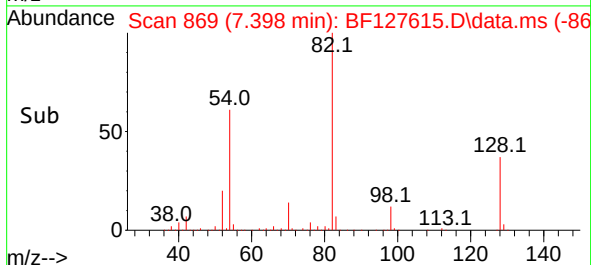
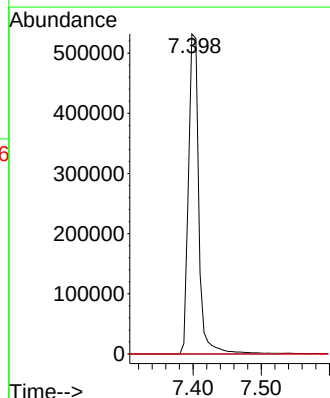
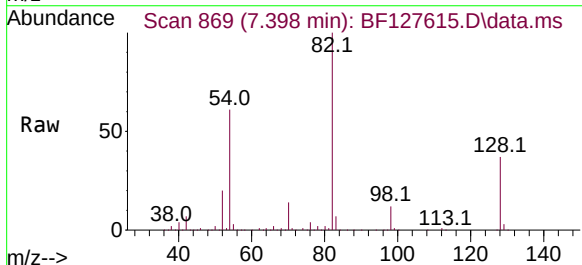
Tgt Ion: 82 Resp: 559521

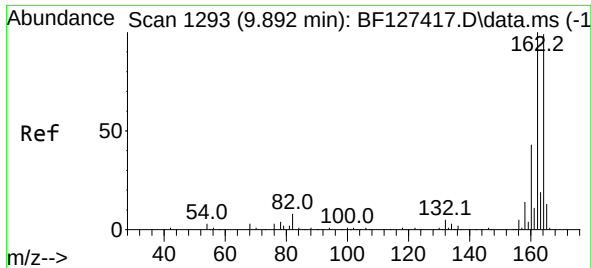
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

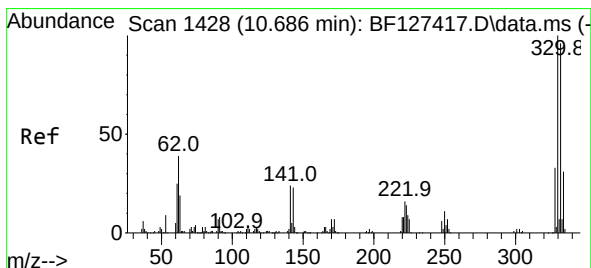
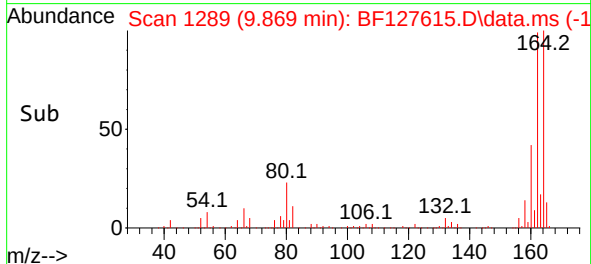
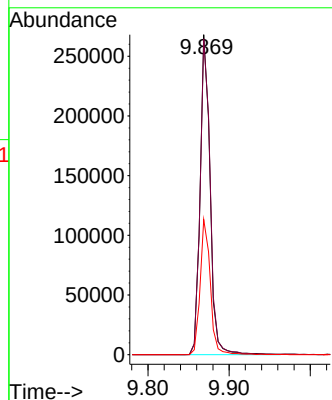
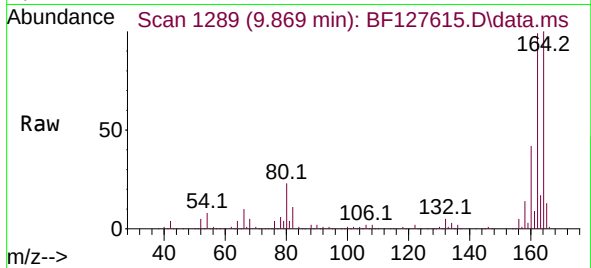




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

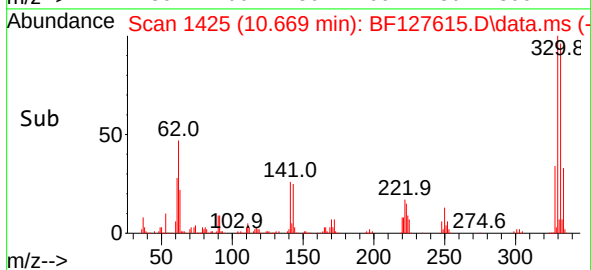
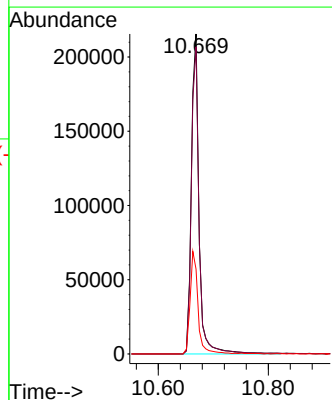
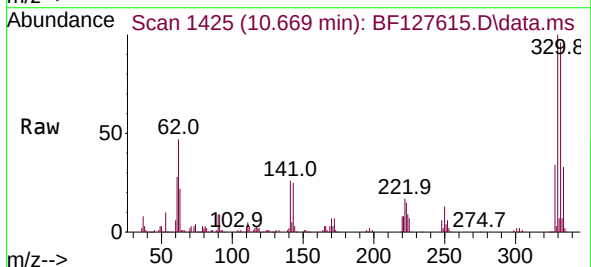
Instrument :
BNA_F
ClientSampleId :
SB-8

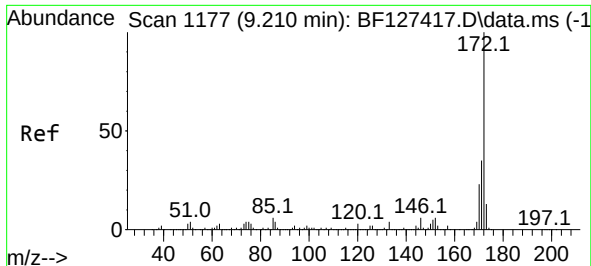
Tgt Ion:164 Resp: 229103
Ion Ratio Lower Upper
164 100
162 98.7 81.2 121.8
160 42.2 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 84.958 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

Tgt Ion:330 Resp: 207342
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 33.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 58.501 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127615.D

Acq: 01 Apr 2022 16:37

Instrument :

BNA_F

ClientSampleId :

SB-8

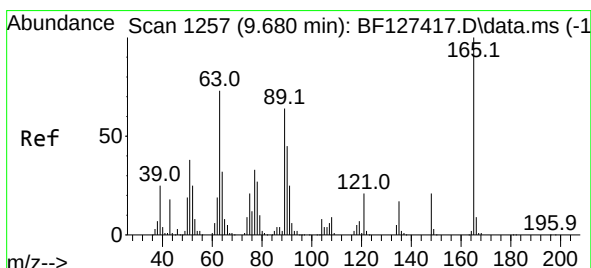
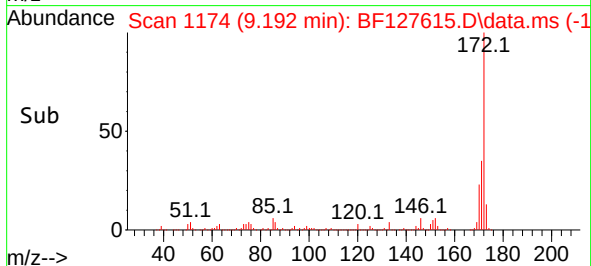
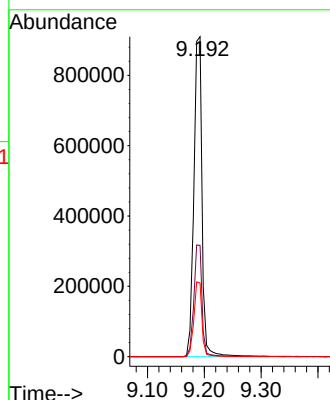
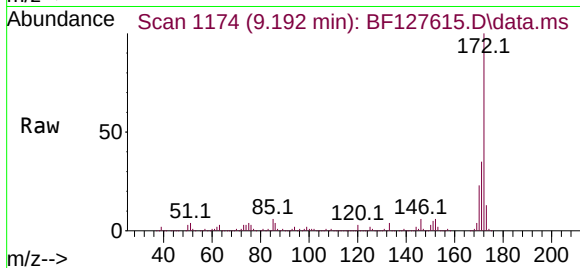
Tgt Ion:172 Resp: 917857

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.0 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.929 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127615.D

Acq: 01 Apr 2022 16:37

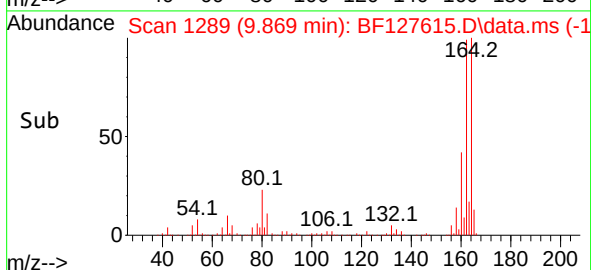
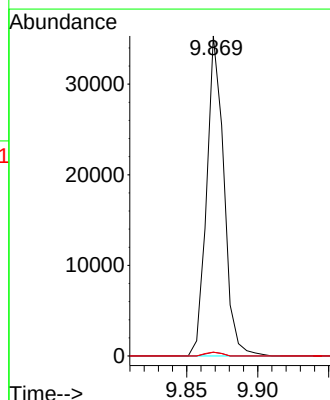
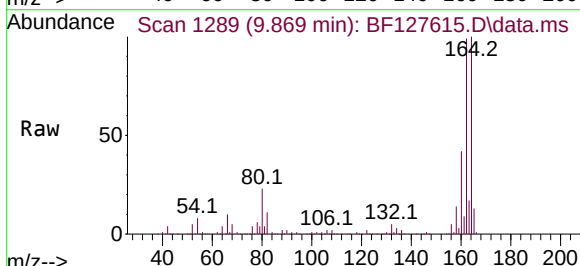
Tgt Ion:165 Resp: 29874

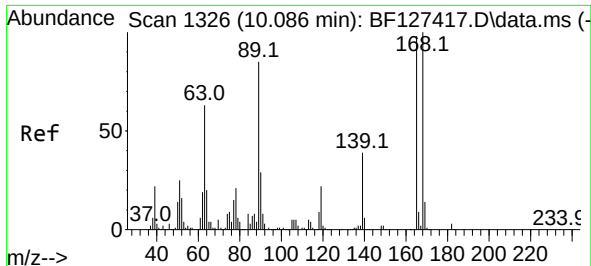
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.2 51.5 77.3#

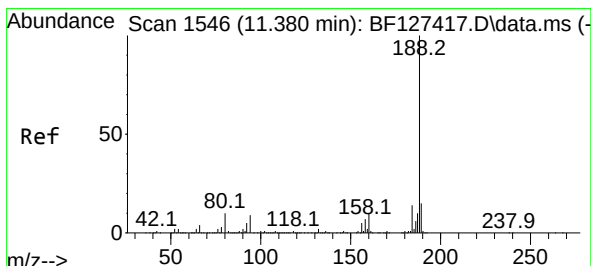
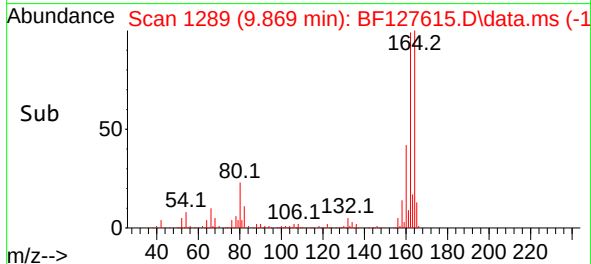
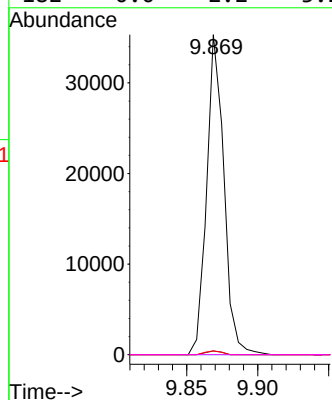
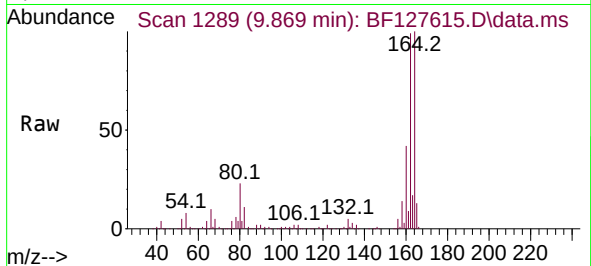




#57
2,4-Dinitrotoluene
Concen: 6.937 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

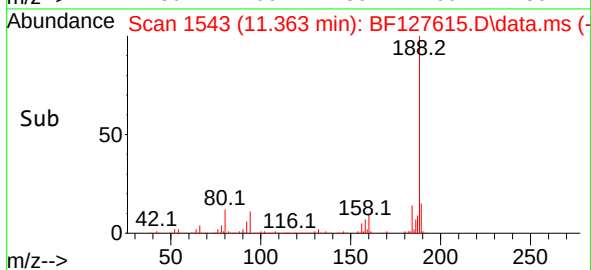
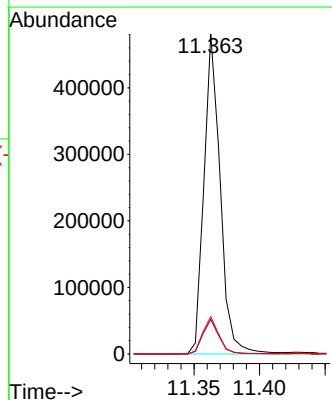
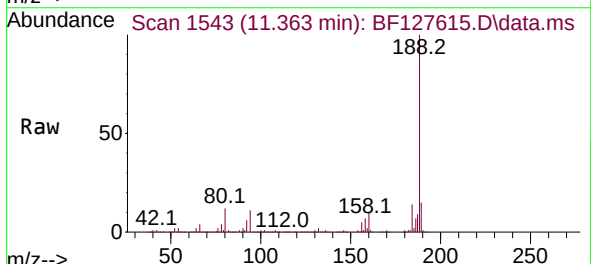
Instrument :
BNA_F
ClientSampleId :
SB-8

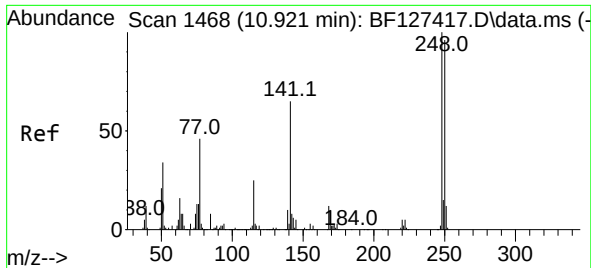
Tgt Ion:165 Resp: 29874
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

Tgt Ion:188 Resp: 415422
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.0
80 11.6 8.0 12.0

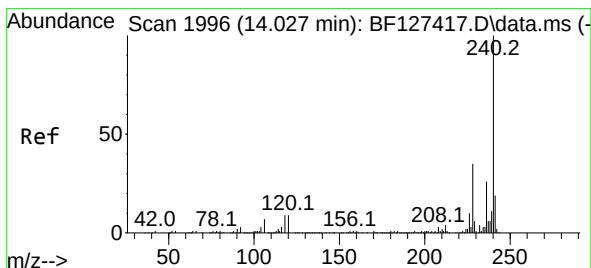
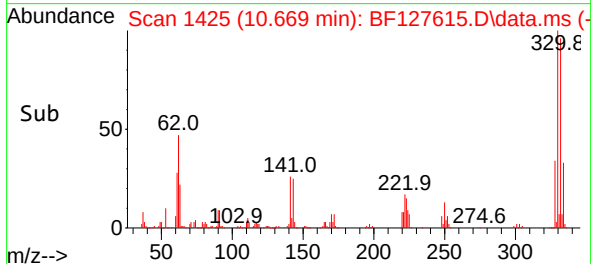
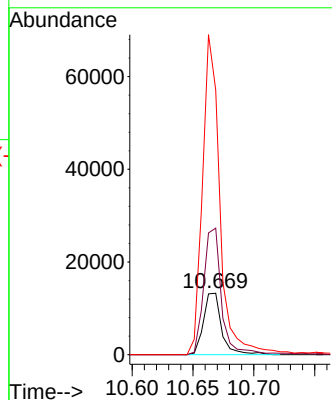
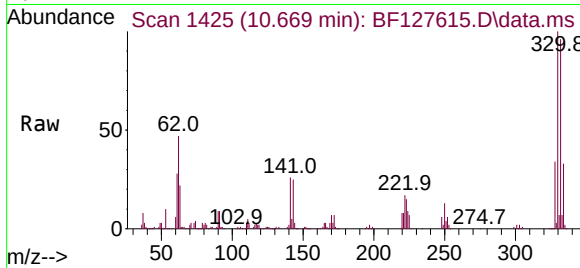




#67
4-Bromophenyl-phenylether
Concen: 2.825 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

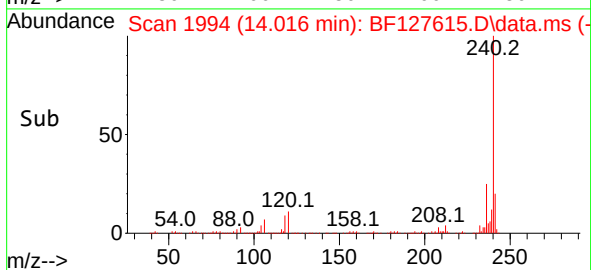
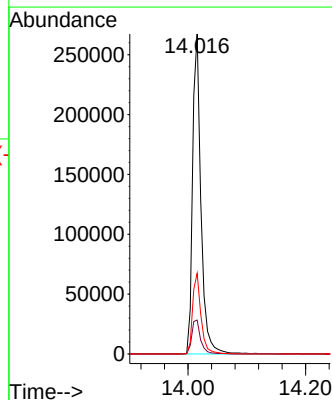
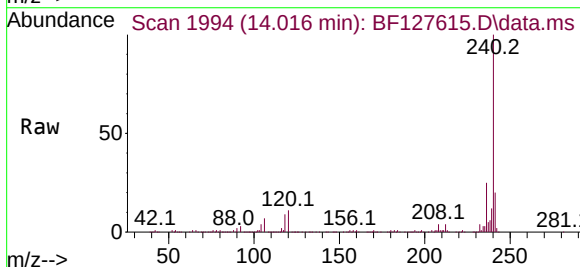
Instrument :
BNA_F
ClientSampleId :
SB-8

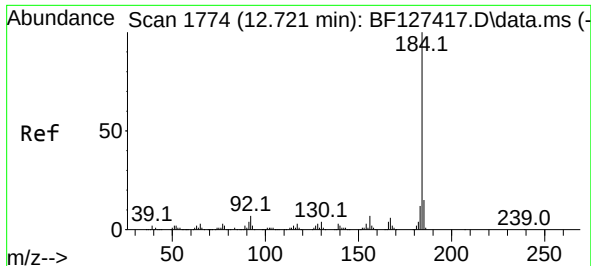
Tgt Ion:248 Resp: 13702
Ion Ratio Lower Upper
248 100
250 206.1 76.6 115.0#
141 431.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

Tgt Ion:240 Resp: 264650
Ion Ratio Lower Upper
240 100
120 10.6 7.1 10.7
236 25.2 20.7 31.1

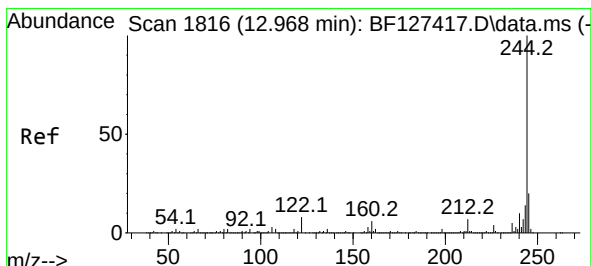
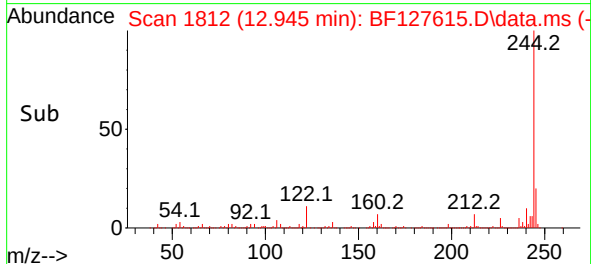
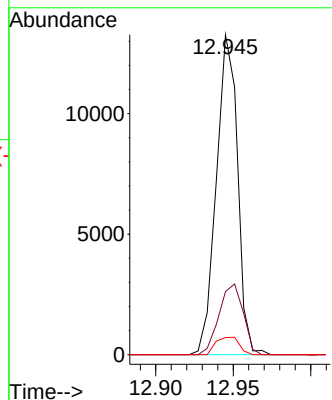
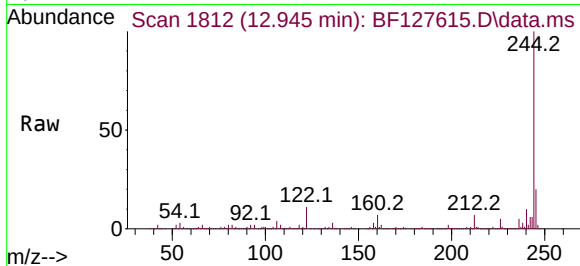




#77
Benzidine
Concen: 2.002 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

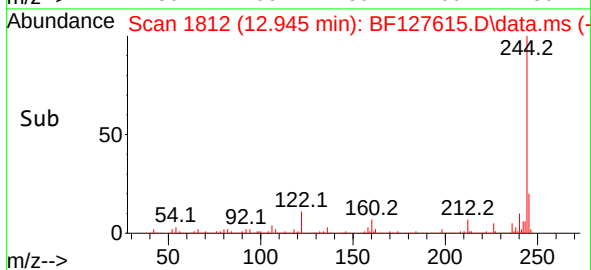
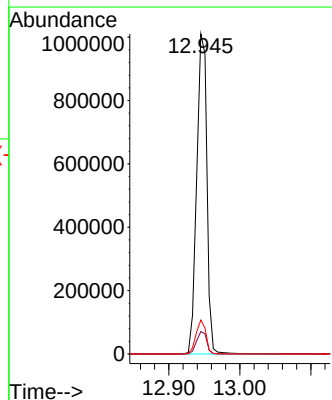
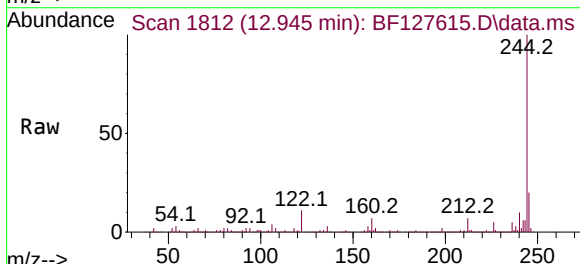
Instrument :
BNA_F
ClientSampleId :
SB-8

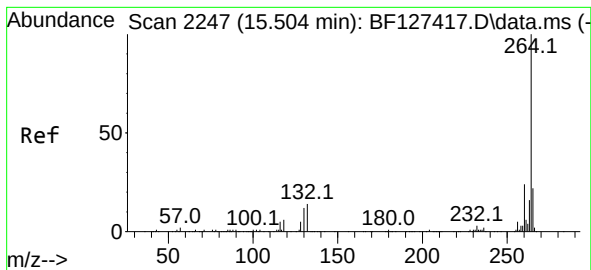
Tgt Ion:184 Resp: 12634
Ion Ratio Lower Upper
184 100
185 19.7 12.2 18.2#
183 5.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 62.624 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127615.D
Acq: 01 Apr 2022 16:37

Tgt Ion:244 Resp: 1012413
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.6 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127615.D

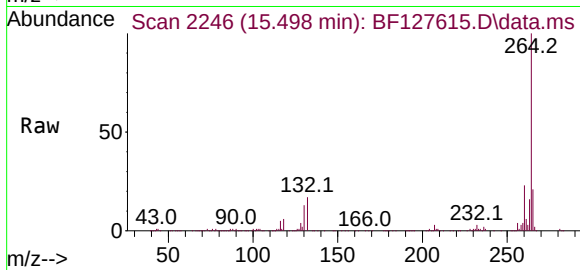
Acq: 01 Apr 2022 16:37

Instrument :

BNA_F

ClientSampleId :

SB-8



Tgt Ion:264 Resp: 204978

Ion Ratio Lower Upper

264 100

260 22.7 19.1 28.7

265 21.4 17.4 26.2

