

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127614.D
 Acq On : 01 Apr 2022 16:07
 Operator : CG\JU
 Sample : N2217-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Apr 01 17:56:14 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)

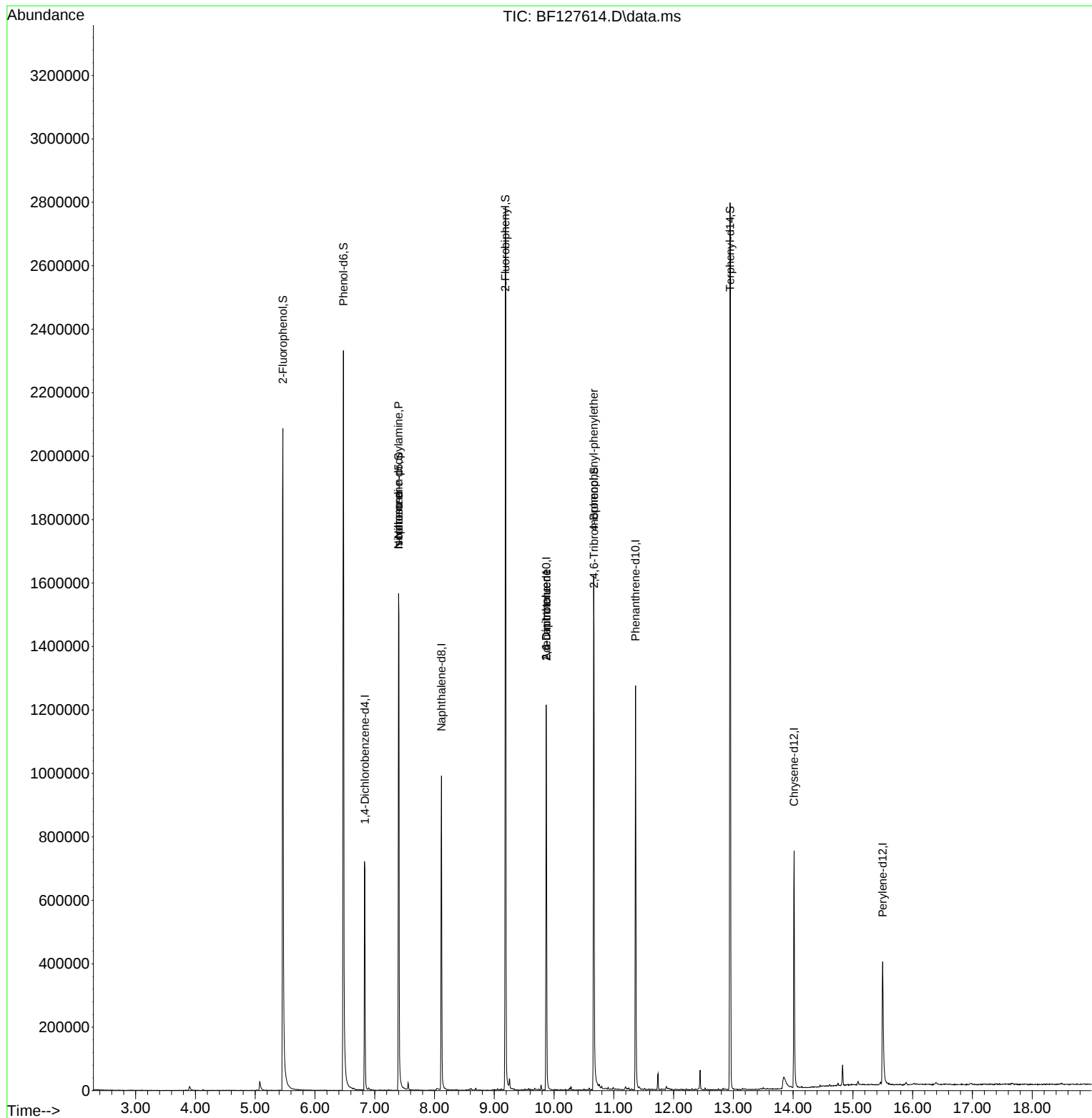
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	109362	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	414699	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	243517	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	441591	20.000	ng	0.00
76) Chrysene-d12	14.016	240	279732	20.000	ng	0.00
86) Perylene-d12	15.498	264	210969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	590369	86.169	ng	0.00
7) Phenol-d6	6.475	99	798998	85.316	ng	0.00
23) Nitrobenzene-d5	7.398	82	534390	55.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	201944	77.848	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	911607	54.664	ng	0.00
79) Terphenyl-d14	12.945	244	1028663	60.198	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1183	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	69666	12.410	ng	# 82
25) Isophorone	7.398	82	534385	34.584	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	31682	8.909	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	31682	6.922	ng	# 13
58) Fluorene	10.663	166	8151	Below Cal	#	84
67) 4-Bromophenyl-phenylether	10.663	248	13466	2.612	ng	# 1

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

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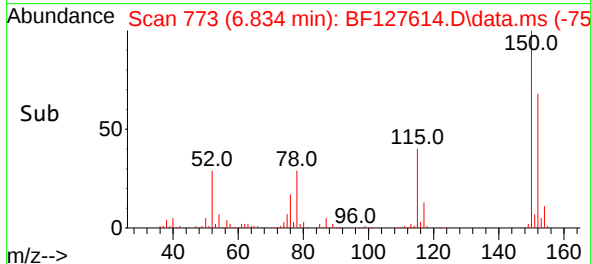
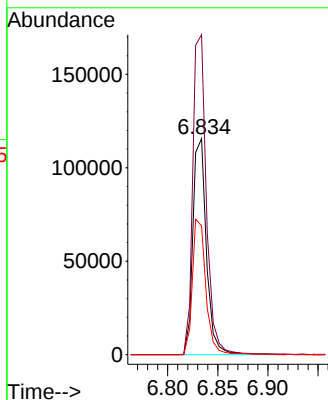
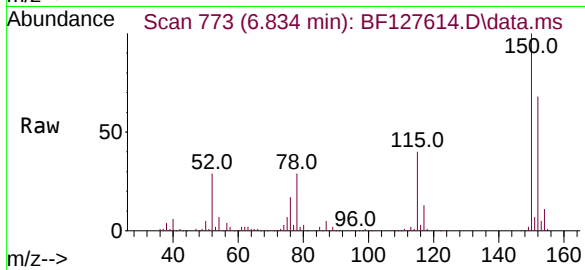




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127614.D
 Acq: 01 Apr 2022 16:07

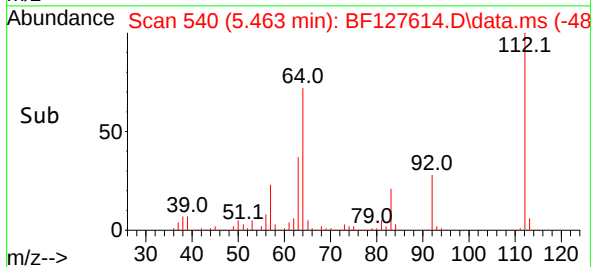
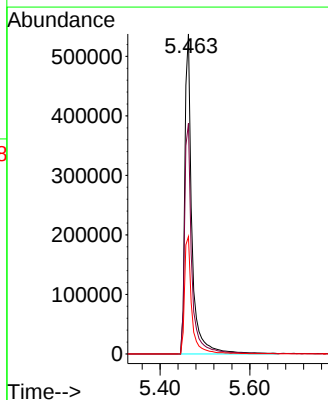
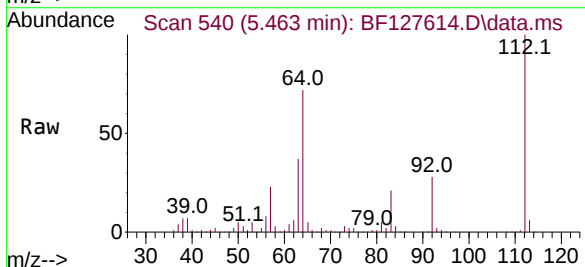
Instrument :
 BNA_F
 ClientSampleId :
 SB-7

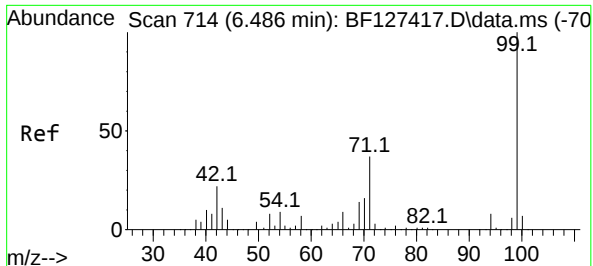
Tgt Ion:152 Resp: 109362
 Ion Ratio Lower Upper
 152 100
 150 148.0 117.2 175.8
 115 59.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 86.169 ng
 RT: 5.463 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF127614.D
 Acq: 01 Apr 2022 16:07

Tgt Ion:112 Resp: 590369
 Ion Ratio Lower Upper
 112 100
 64 72.0 58.4 87.6
 63 36.7 30.1 45.1





#7

Phenol-d6

Concen: 85.316 ng

RT: 6.475 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF127614.D

Acq: 01 Apr 2022 16:07

Instrument :

BNA_F

ClientSampleId :

SB-7

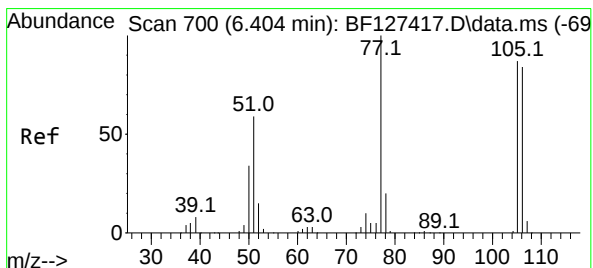
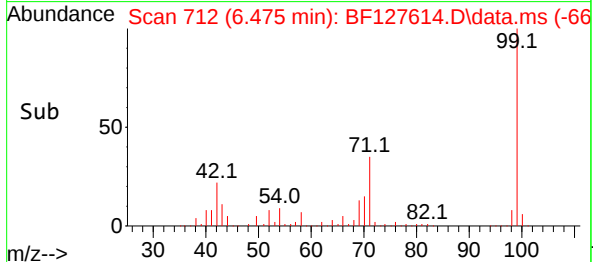
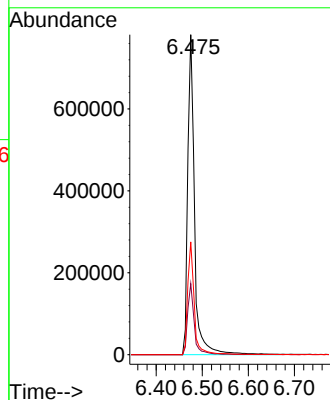
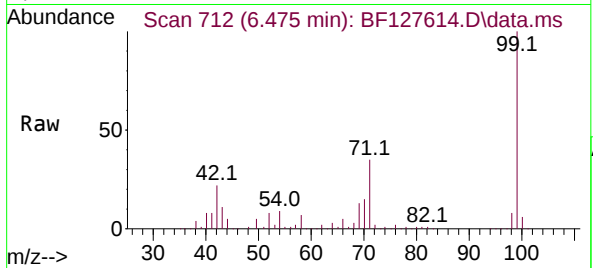
Tgt Ion: 99 Resp: 798998

Ion Ratio Lower Upper

99 100

42 22.2 17.8 26.6

71 35.2 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.475 min Scan# 712

Delta R.T. 0.083 min

Lab File: BF127614.D

Acq: 01 Apr 2022 16:07

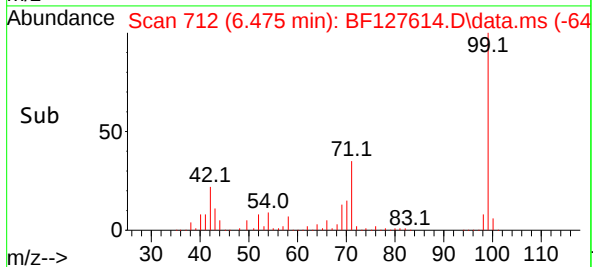
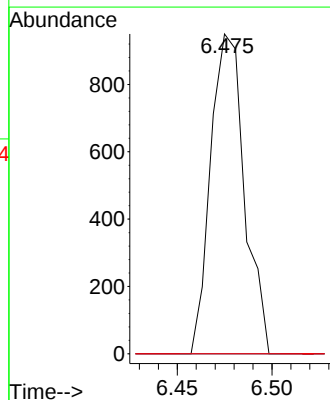
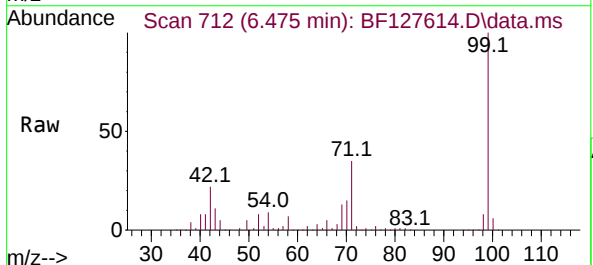
Tgt Ion: 77 Resp: 1183

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

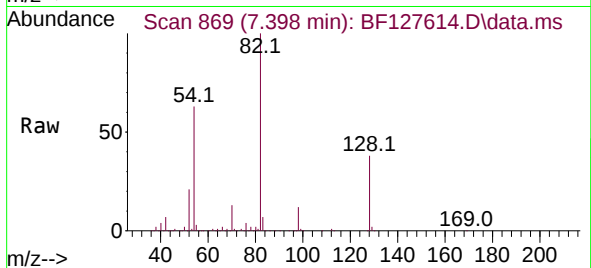
106 0.0 64.3 104.3#



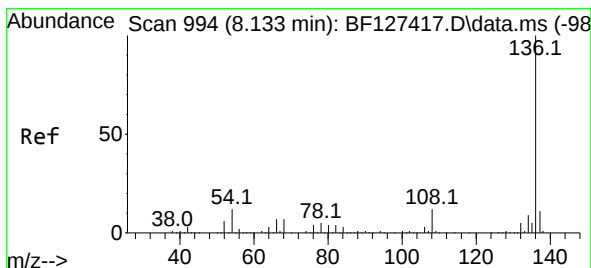
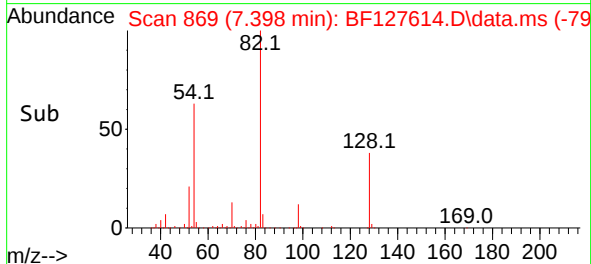
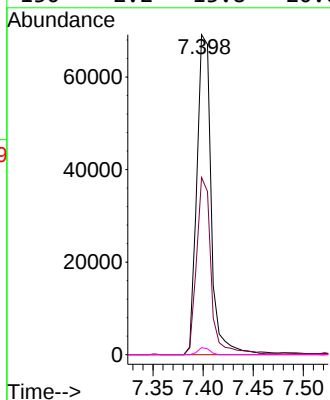


#19
n-Nitroso-di-n-propylamine
Concen: 12.410 ng
RT: 7.398 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

Instrument :
BNA_F
ClientSampleId :
SB-7

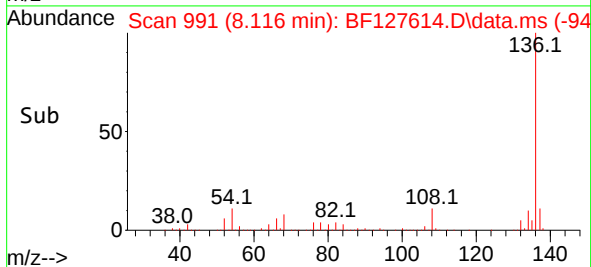
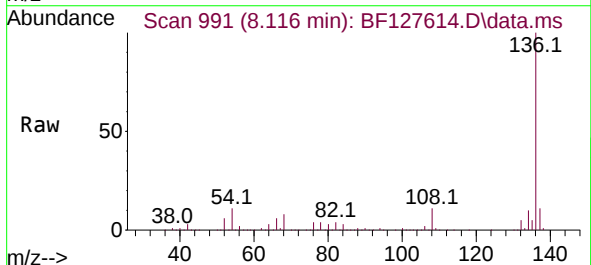
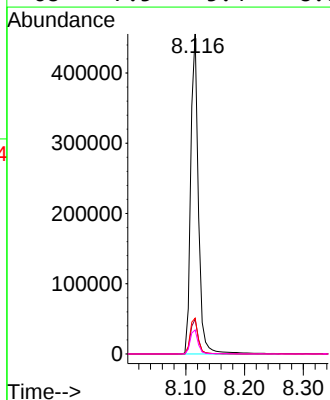


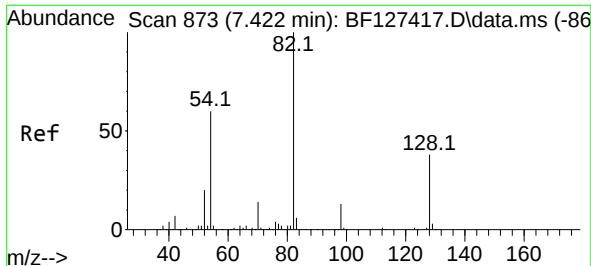
Tgt Ion: 70 Resp: 69666
Ion Ratio Lower Upper
70 100
42 55.4 53.0 79.6
101 0.0 6.8 10.2#
130 2.2 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

Tgt Ion: 136 Resp: 414699
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.2 9.2 13.8
68 7.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 55.083 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF127614.D

Acq: 01 Apr 2022 16:07

Instrument :

BNA_F

ClientSampleId :

SB-7

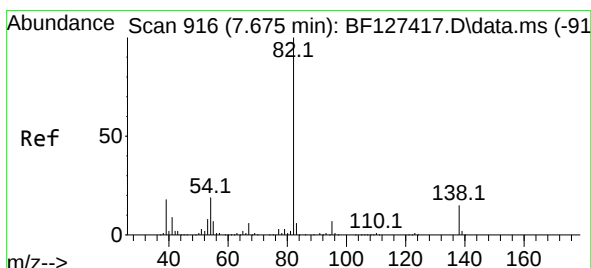
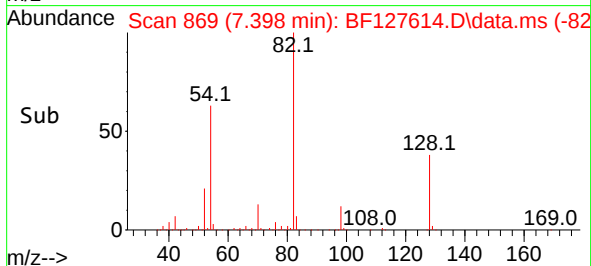
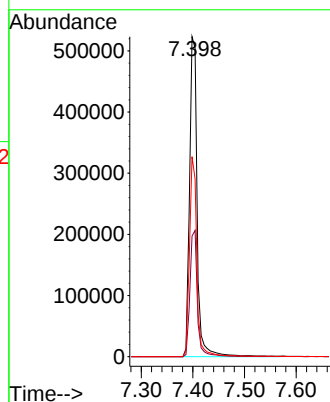
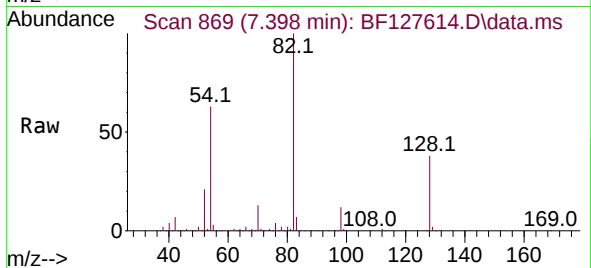
Tgt Ion: 82 Resp: 534390

Ion Ratio Lower Upper

82 100

128 37.7 30.6 45.8

54 62.5 48.2 72.2



#25

Isophorone

Concen: 34.584 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.264 min

Lab File: BF127614.D

Acq: 01 Apr 2022 16:07

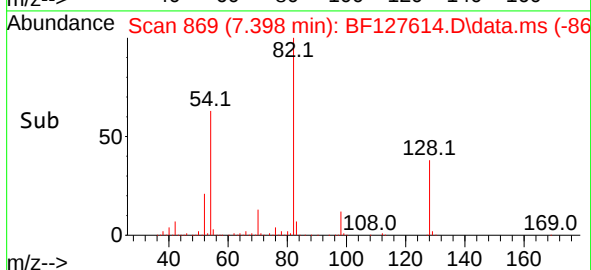
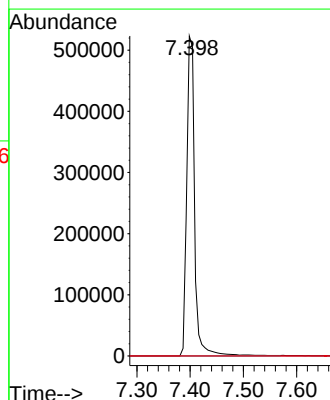
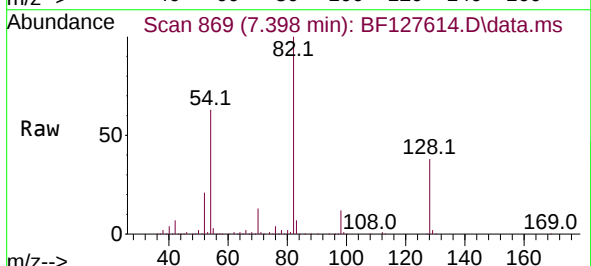
Tgt Ion: 82 Resp: 534385

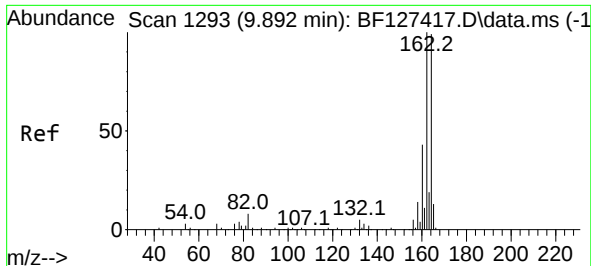
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

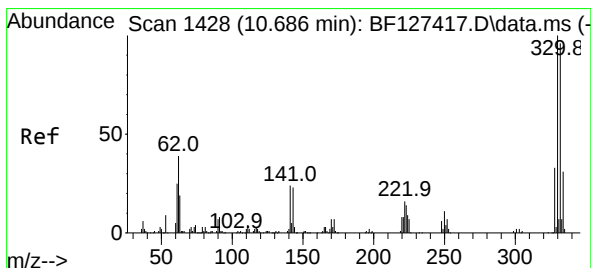
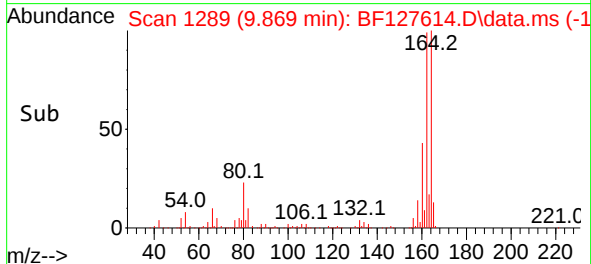
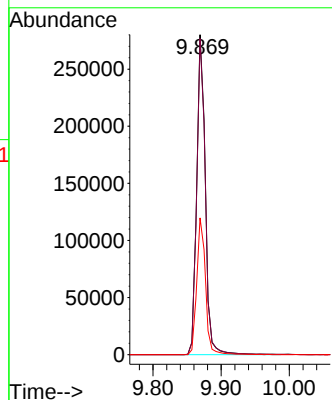
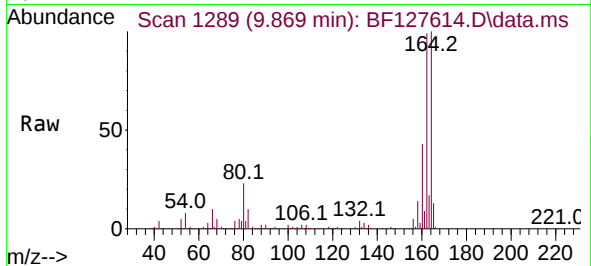




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

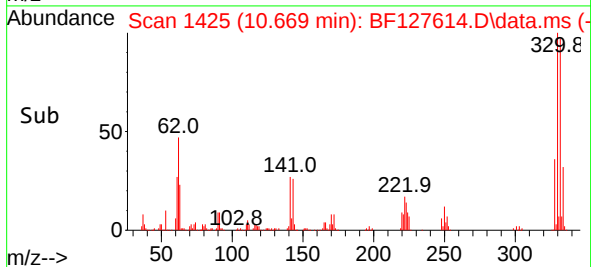
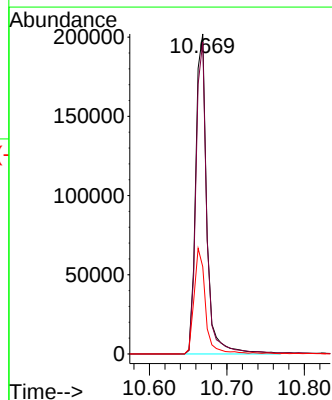
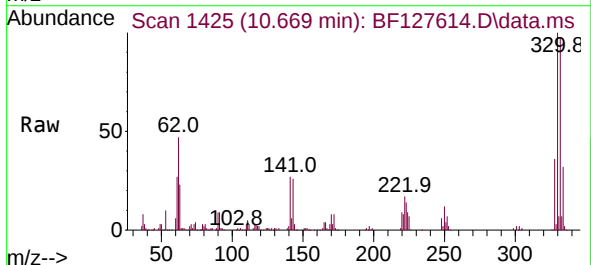
Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:164 Resp: 243517
Ion Ratio Lower Upper
164 100
162 98.8 81.2 121.8
160 42.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 77.848 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

Tgt Ion:330 Resp: 201944
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 34.2 26.2 39.4

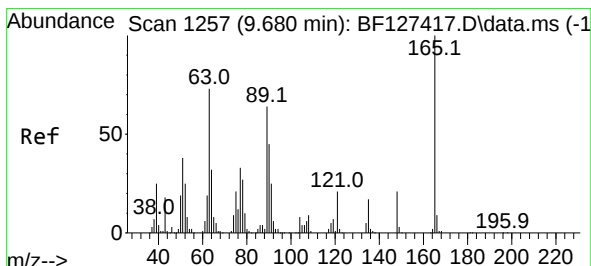
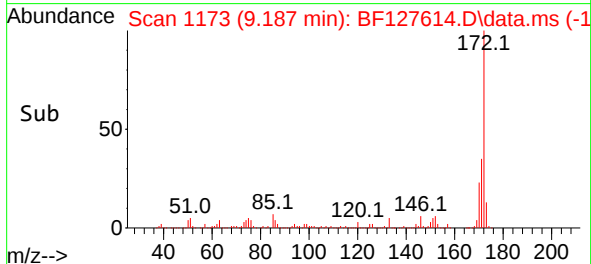
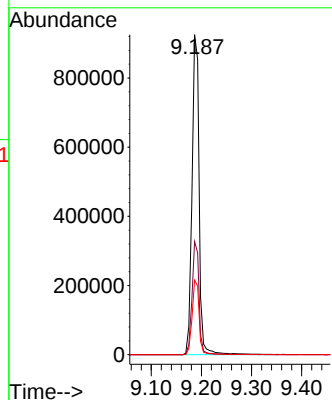
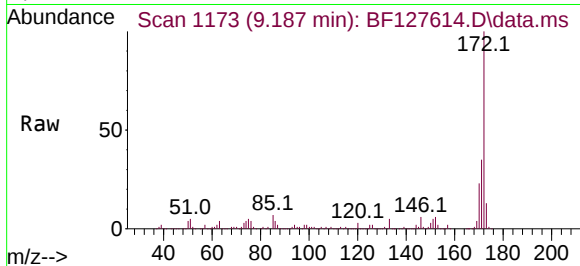




#45
2-Fluorobiphenyl
Concen: 54.664 ng
RT: 9.187 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

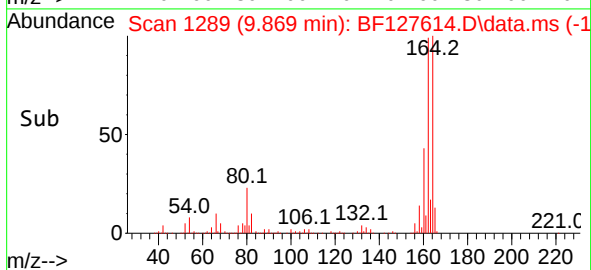
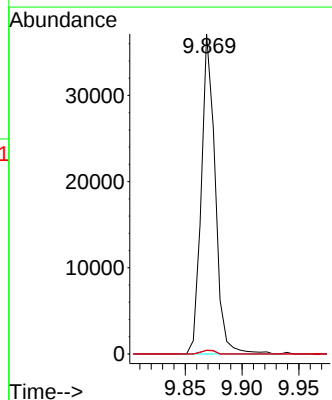
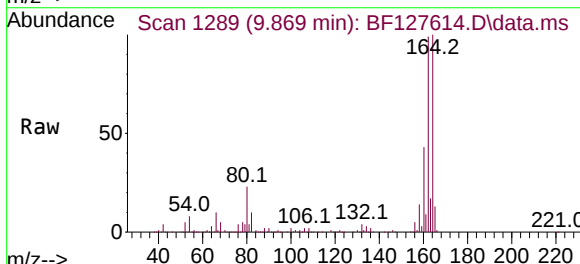
Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion:172 Resp: 911607
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.909 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

Tgt Ion:165 Resp: 31682
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.2 51.5 77.3#

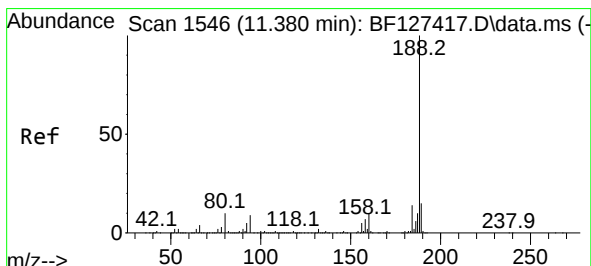
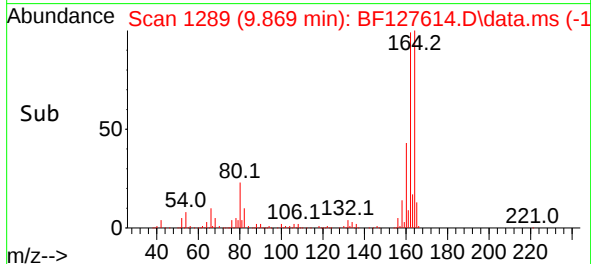
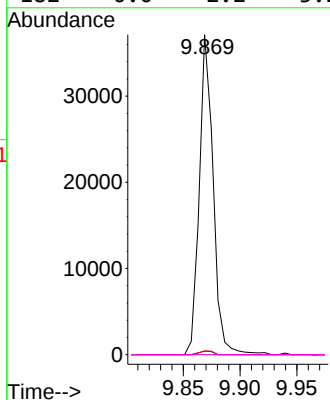
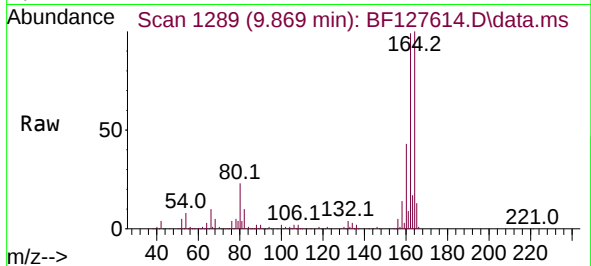




#57
2,4-Dinitrotoluene
Concen: 6.922 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

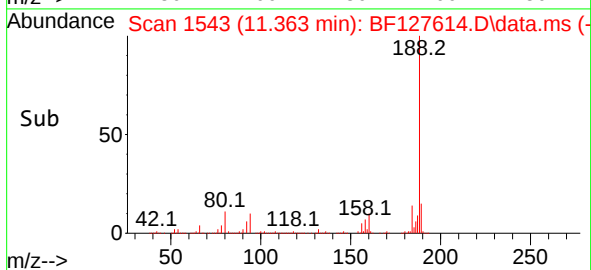
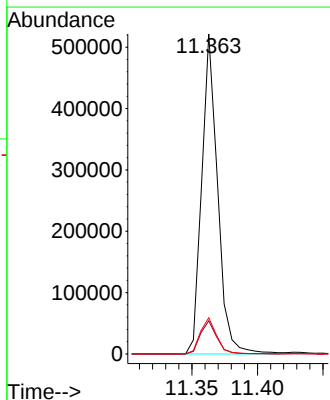
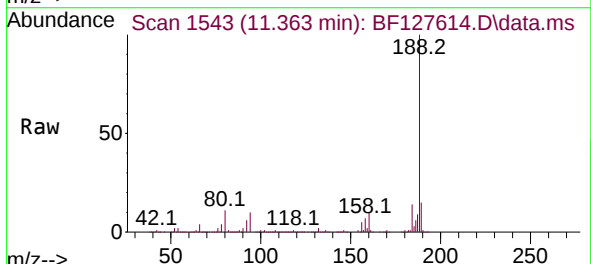
Instrument :
BNA_F
ClientSampleId :
SB-7

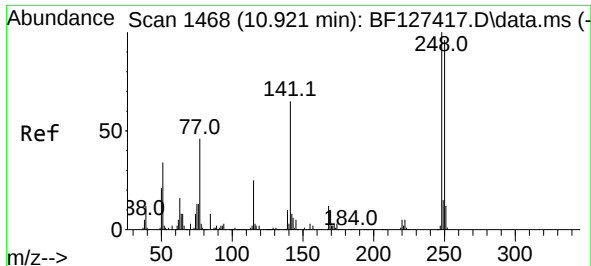
Tgt Ion:165 Resp: 31682
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

Tgt Ion:188 Resp: 441591
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.3 8.0 12.0

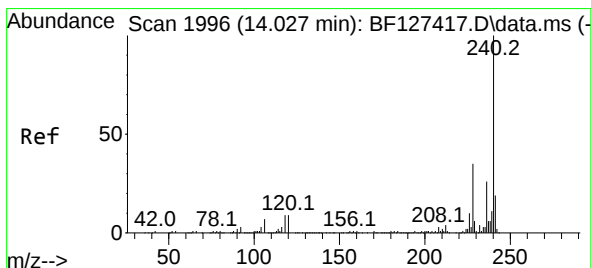
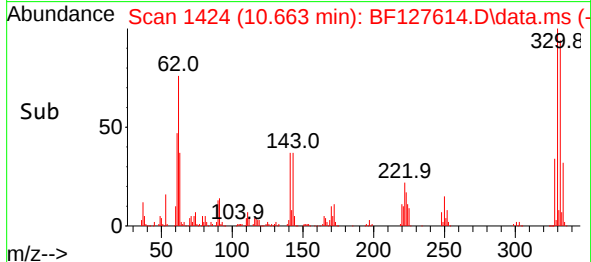
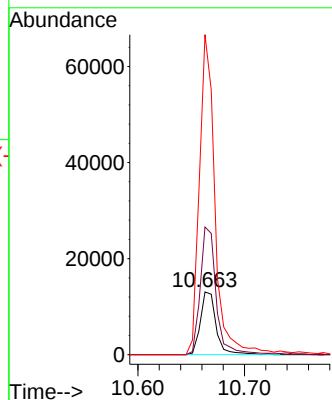
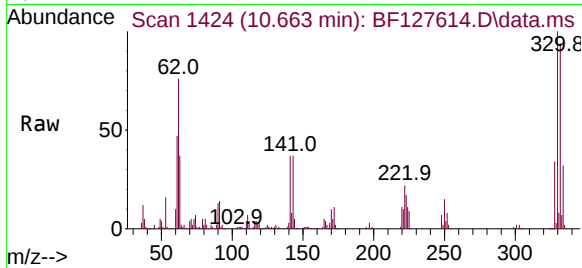




#67
4-Bromophenyl-phenylether
Concen: 2.612 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.241 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

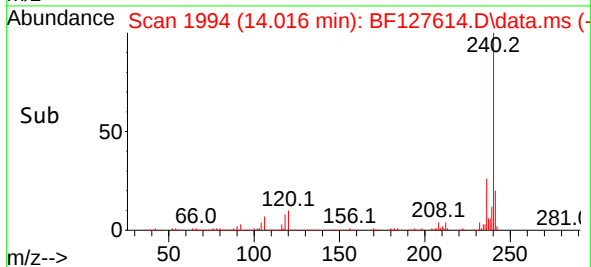
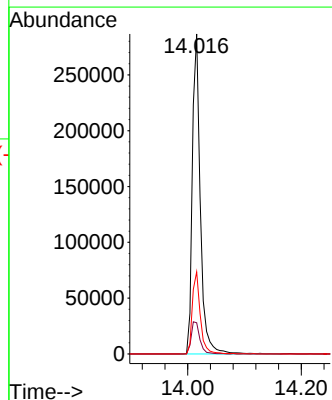
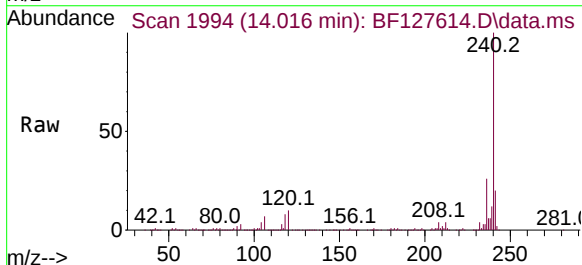
Instrument :
BNA_F
ClientSampleId :
SB-7

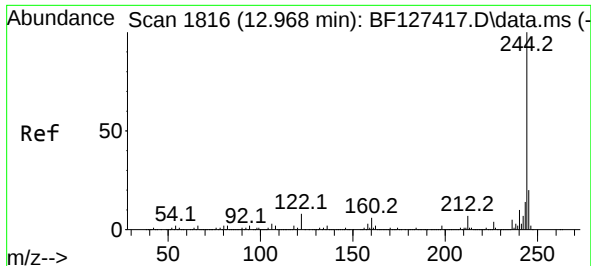
Tgt Ion:248 Resp: 13466
Ion Ratio Lower Upper
248 100
250 203.4 76.6 115.0#
141 509.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127614.D
Acq: 01 Apr 2022 16:07

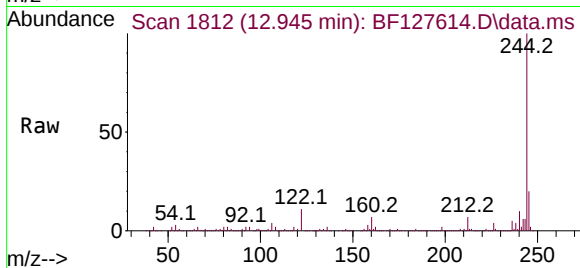
Tgt Ion:240 Resp: 279732
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.7 20.7 31.1



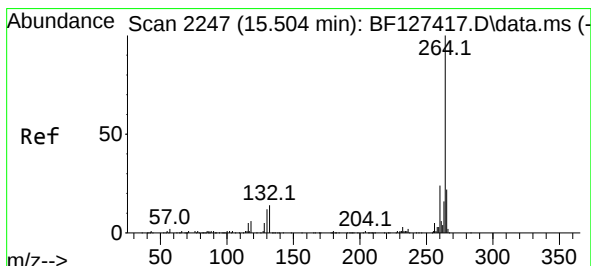
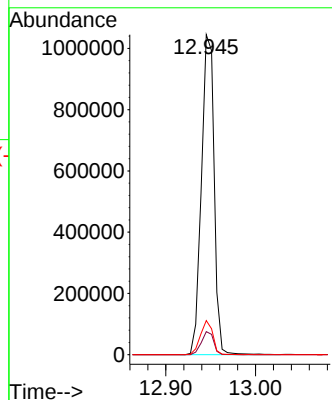
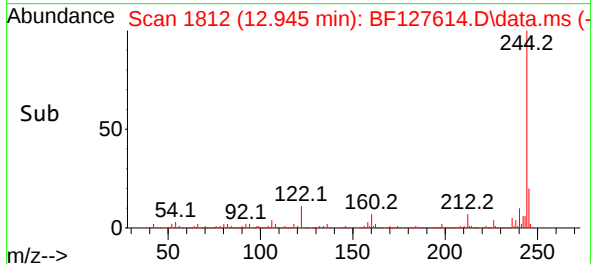


#79
 Terphenyl-d14
 Concen: 60.198 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF127614.D
 Acq: 01 Apr 2022 16:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-7



Tgt Ion:244 Resp: 1028663
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.6 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127614.D
 Acq: 01 Apr 2022 16:07

Tgt Ion:264 Resp: 210969
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 20.9 17.4 26.2

