

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127600.D
 Acq On : 31 Mar 2022 13:11
 Operator : CG\JU
 Sample : N2171-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSE-COMP-01

Quant Time: Apr 01 05:33:28 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)

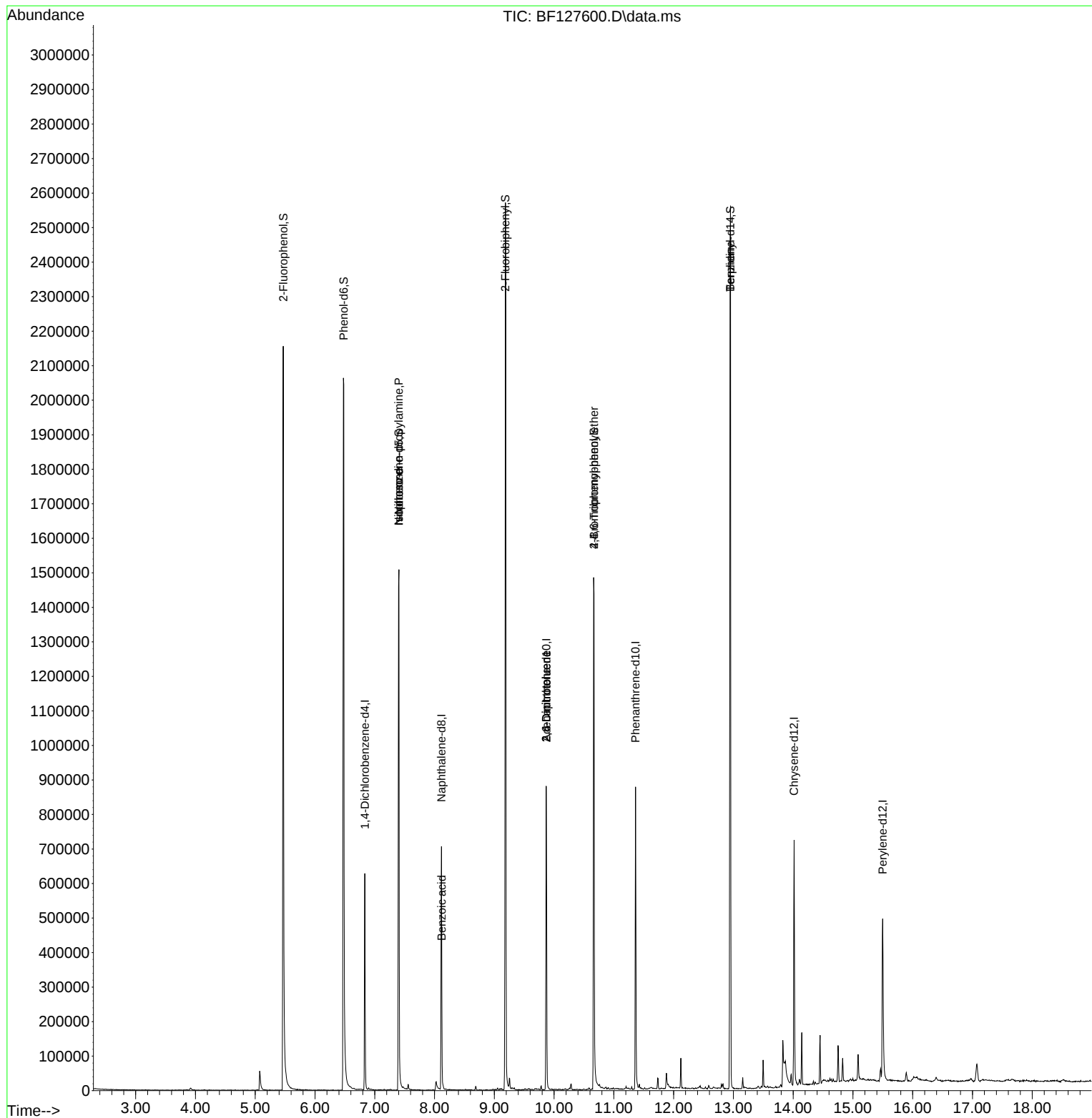
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	82800	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	295455	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	168985	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	295499	20.000	ng	0.00
76) Chrysene-d12	14.016	240	249312	20.000	ng	0.00
86) Perylene-d12	15.498	264	238229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	575992	111.040	ng	0.01
7) Phenol-d6	6.481	99	782574	110.368	ng	0.00
23) Nitrobenzene-d5	7.404	82	529328	76.582	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	190243	105.683	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	878740	75.934	ng	0.00
79) Terphenyl-d14	12.951	244	946708	62.162	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1067	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	70075	16.487	ng	# 78
25) Isophorone	7.404	82	529325	48.082	ng	# 70
32) Benzoic acid	8.122	122	58	6.064	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	21699	8.793	ng	# 17
55) Dibenzofuran	10.092	168	462	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.869	165	21699	6.831	ng	# 13
58) Fluorene	10.422	166	288	Below Cal	#	55
67) 4-Bromophenyl-phenylether	10.669	248	12772	3.702	ng	# 1
77) Benzidine	12.951	184	12072	2.031	ng	# 89

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

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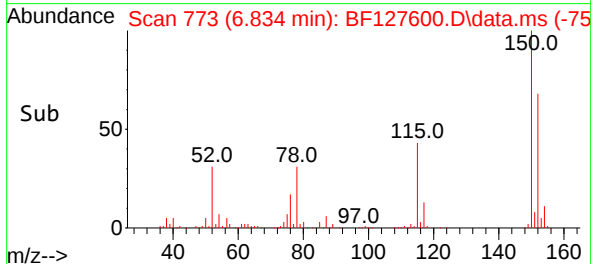
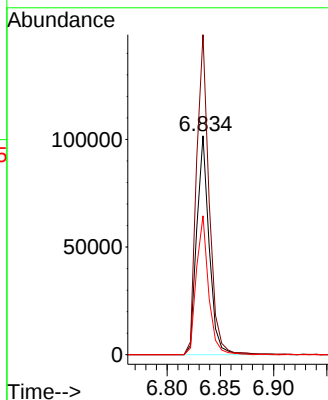
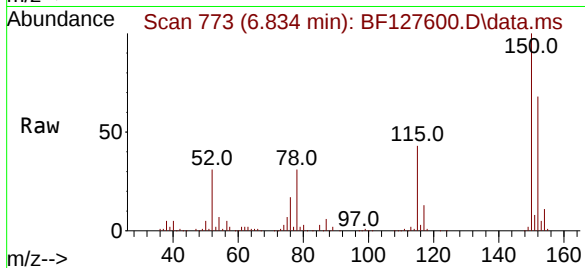




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127600.D
 Acq: 31 Mar 2022 13:11

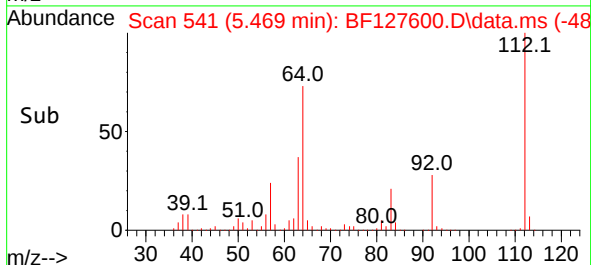
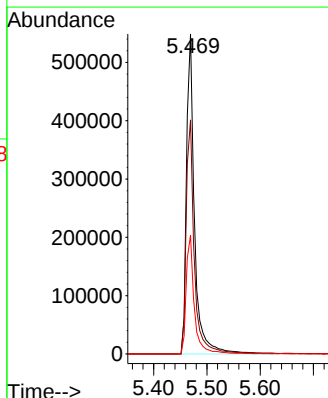
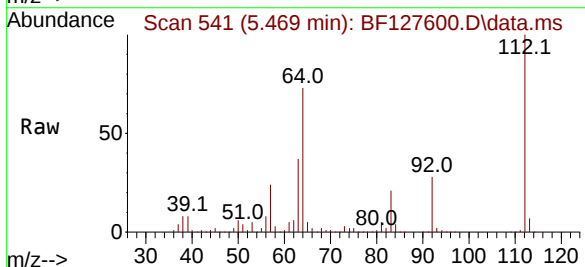
Instrument :
 BNA_F
 ClientSampleId :
 PSE-COMP-01

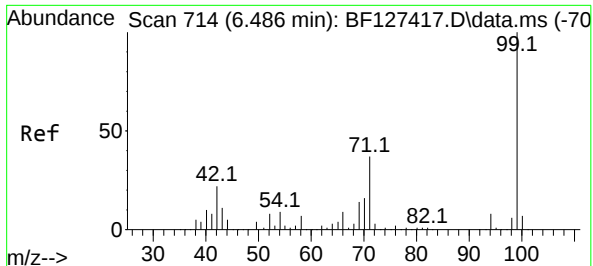
Tgt Ion:152 Resp: 82800
 Ion Ratio Lower Upper
 152 100
 150 146.2 117.2 175.8
 115 63.5 49.8 74.6



#5
 2-Fluorophenol
 Concen: 111.040 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.012 min
 Lab File: BF127600.D
 Acq: 31 Mar 2022 13:11

Tgt Ion:112 Resp: 575992
 Ion Ratio Lower Upper
 112 100
 64 73.2 58.4 87.6
 63 37.1 30.1 45.1





#7

Phenol-d6

Concen: 110.368 ng

RT: 6.481 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF127600.D

Acq: 31 Mar 2022 13:11

Instrument :

BNA_F

ClientSampleId :

PSE-COMP-01

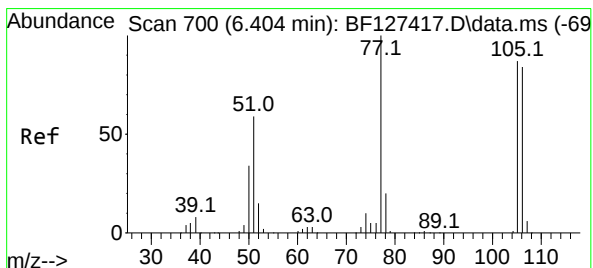
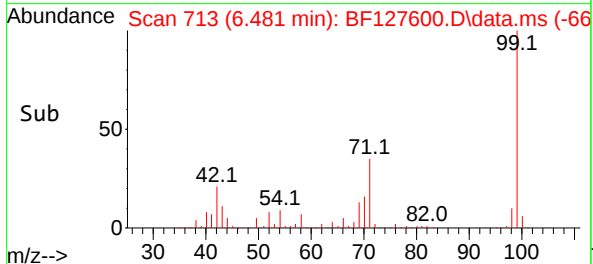
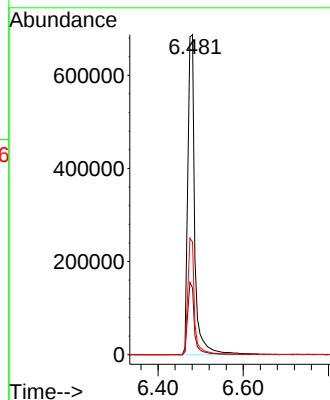
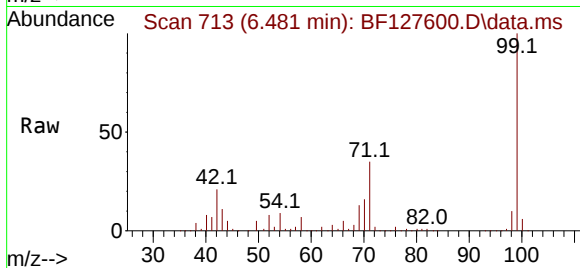
Tgt Ion: 99 Resp: 782574

Ion Ratio Lower Upper

99 100

42 20.9 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: BF127600.D

Acq: 31 Mar 2022 13:11

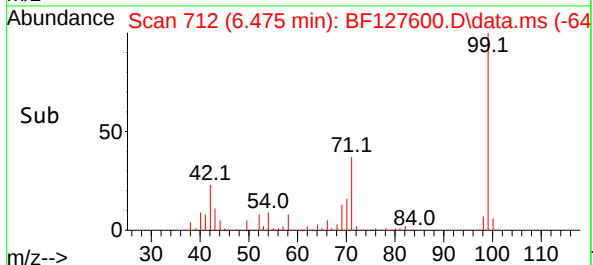
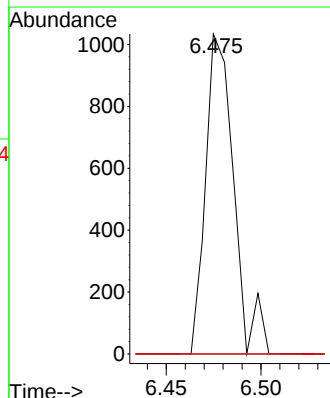
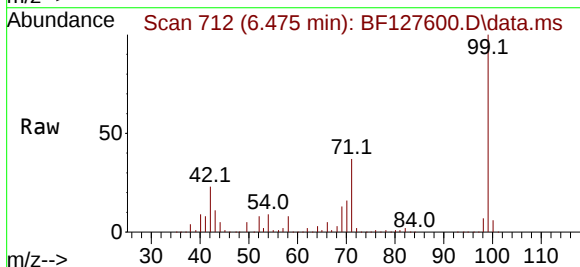
Tgt Ion: 77 Resp: 1067

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#

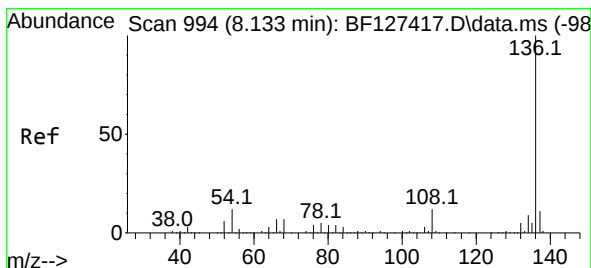
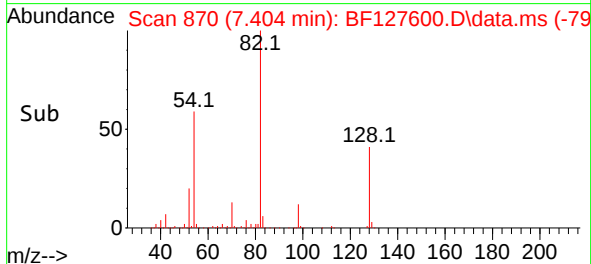
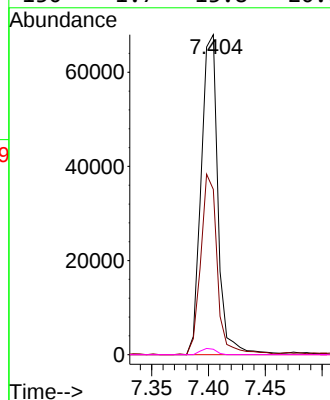
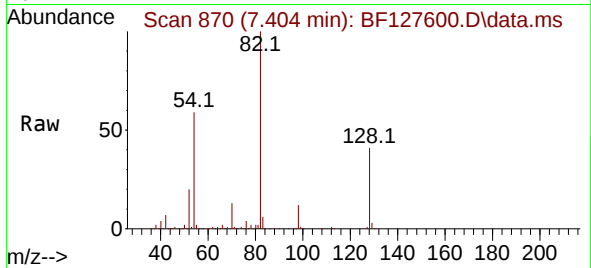




#19
n-Nitroso-di-n-propylamine
Concen: 16.487 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

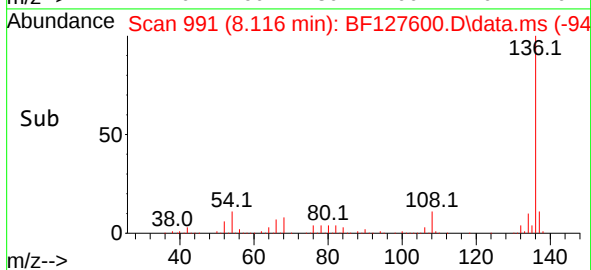
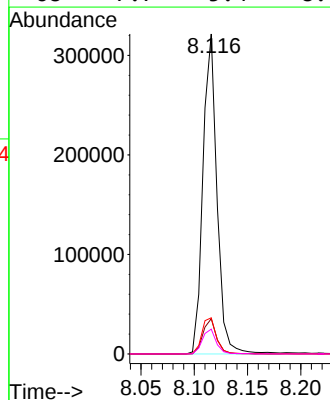
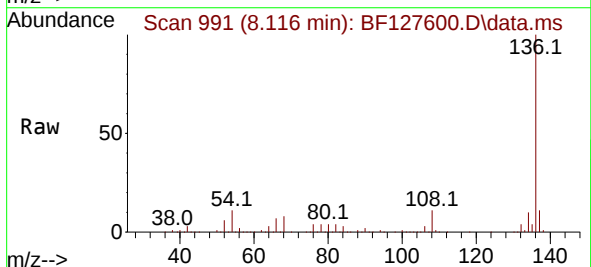
Instrument :
BNA_F
ClientSampleId :
PSE-COMP-01

Tgt Ion: 70 Resp: 70075
Ion Ratio Lower Upper
70 100
42 51.6 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 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: BF127600.D
Acq: 31 Mar 2022 13:11

Tgt Ion:136 Resp: 295455
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.3 9.2 13.8
68 7.7 5.4 8.0

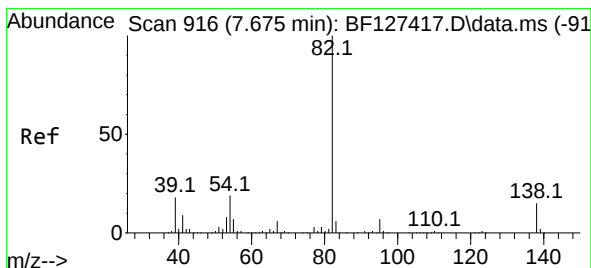
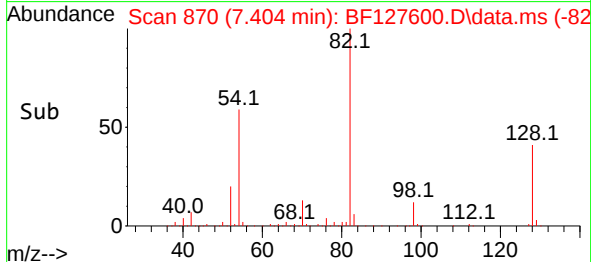
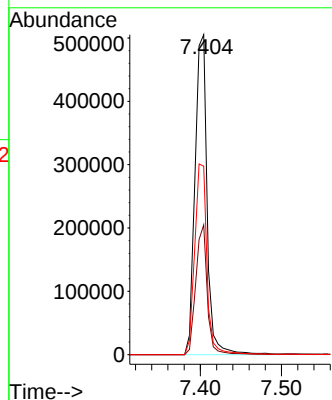
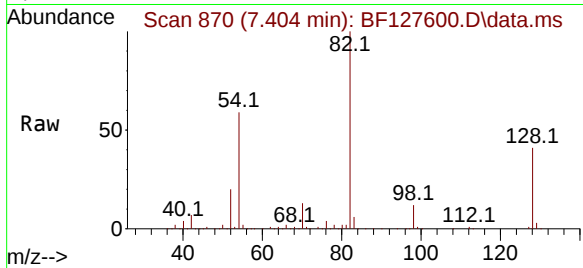




#23
Nitrobenzene-d5
Concen: 76.582 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

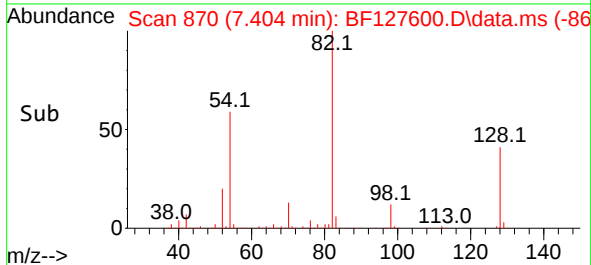
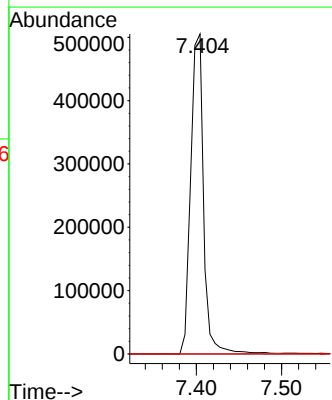
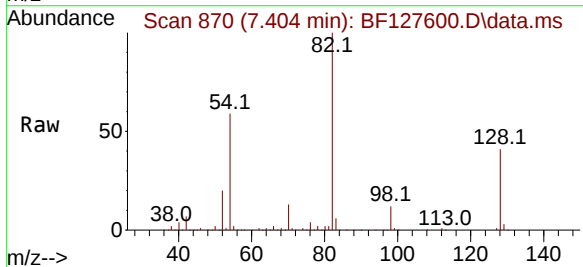
Instrument :
BNA_F
ClientSampleId :
PSE-COMP-01

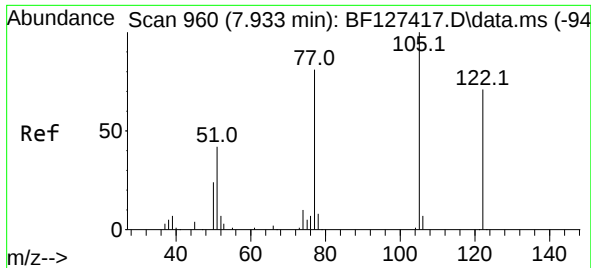
Tgt Ion: 82 Resp: 529328
Ion Ratio Lower Upper
82 100
128 40.5 30.6 45.8
54 58.9 48.2 72.2



#25
Isophorone
Concen: 48.082 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

Tgt Ion: 82 Resp: 529325
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

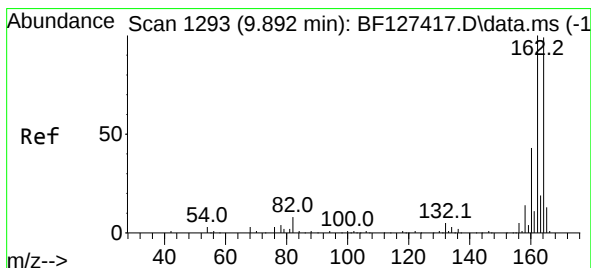
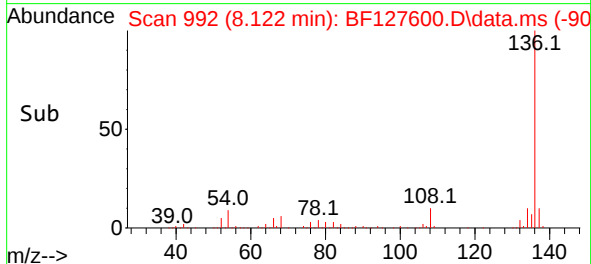
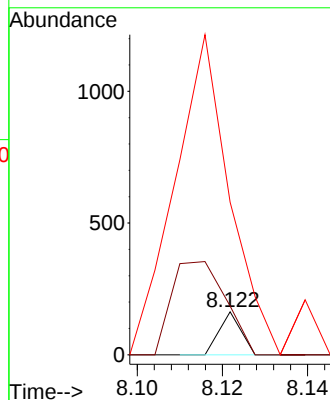
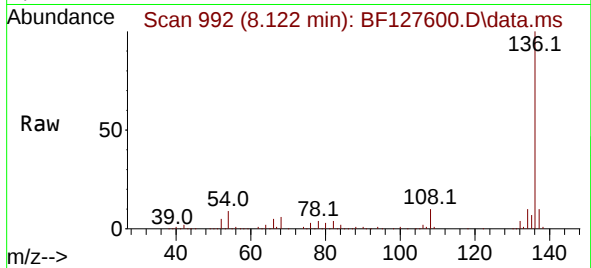




#32
Benzoic acid
Concen: 6.064 ng
RT: 8.122 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

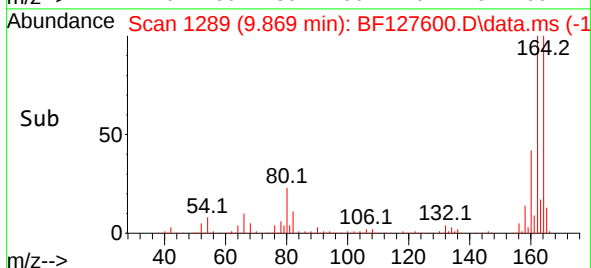
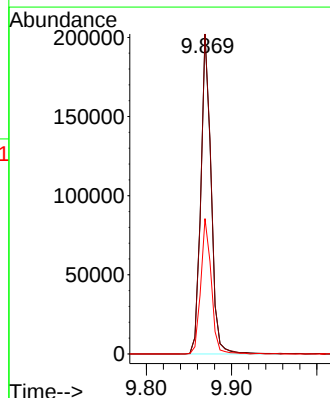
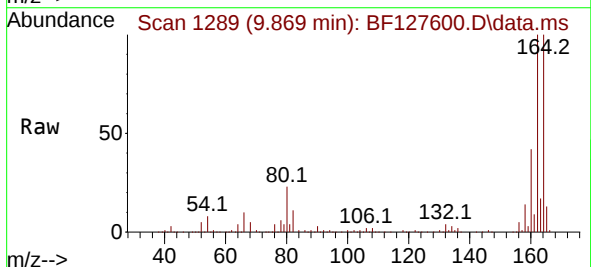
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BNA_F
ClientSampleId :
PSE-COMP-01

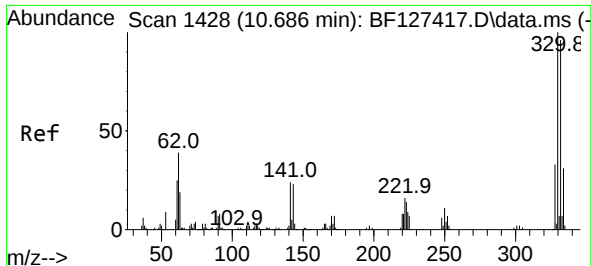
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 113.5 117.1 157.1#
77 355.2 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

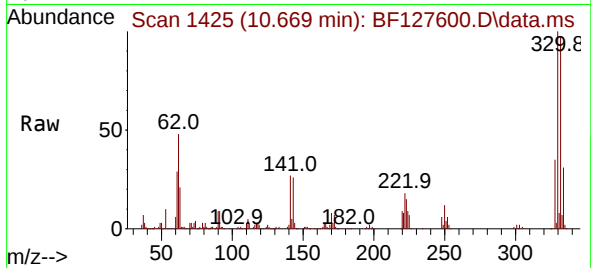
Tgt Ion:164 Resp: 168985
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 42.4 34.6 52.0



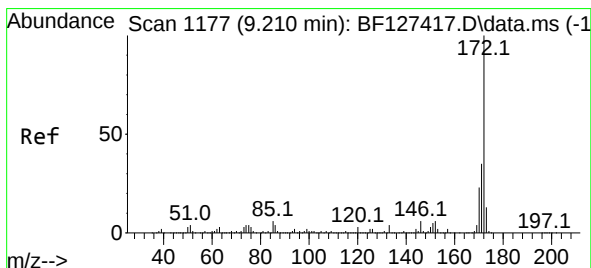
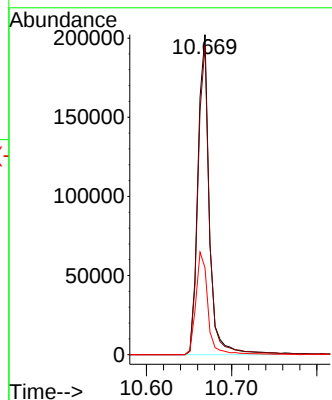
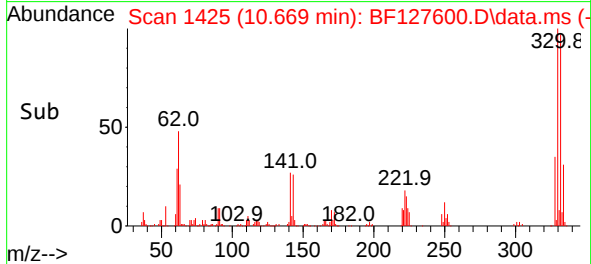


#42
2,4,6-Tribromophenol
Concen: 105.683 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

Instrument :
BNA_F
ClientSampleId :
PSE-COMP-01

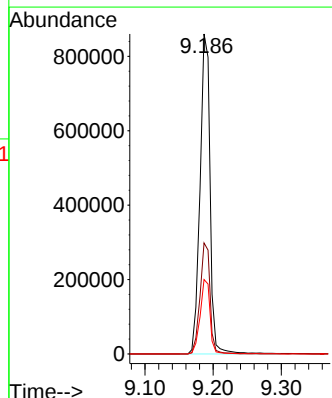
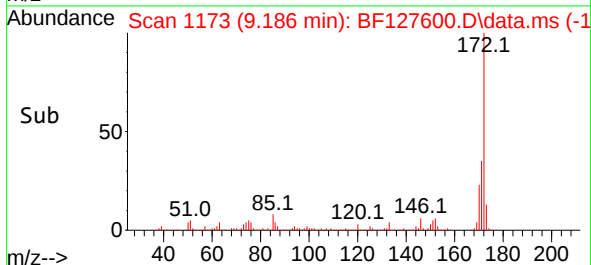
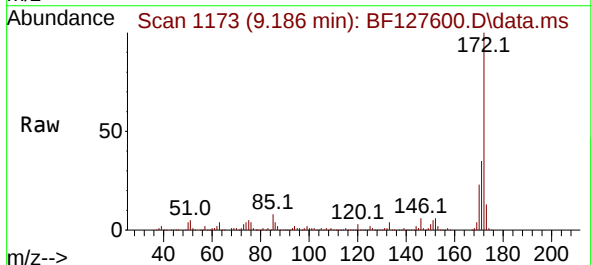


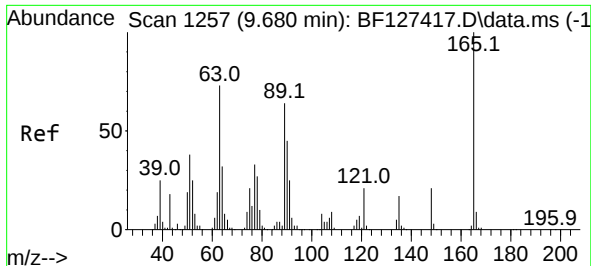
Tgt Ion:330 Resp: 190243
Ion Ratio Lower Upper
330 100
332 96.7 79.1 118.7
141 33.8 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 75.934 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

Tgt Ion:172 Resp: 878740
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.3 18.6 27.8

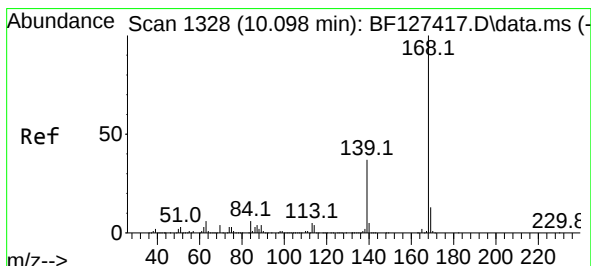
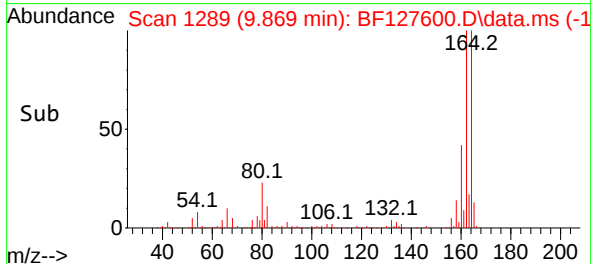
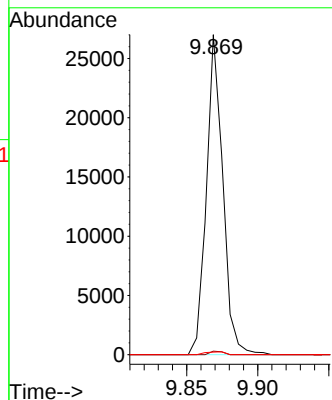
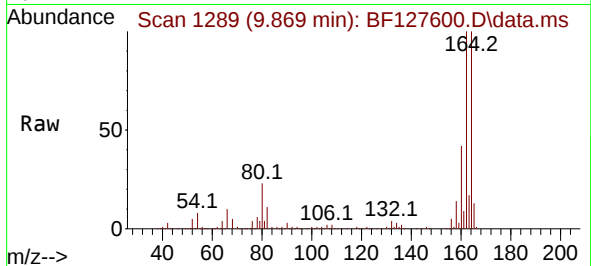




#51
2,6-Dinitrotoluene
Concen: 8.793 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

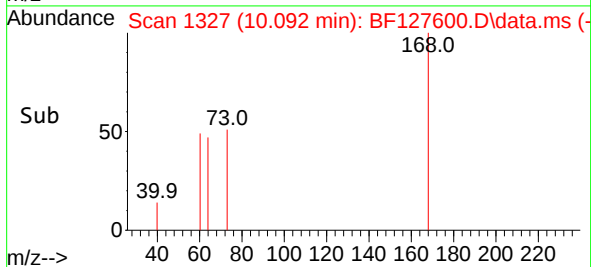
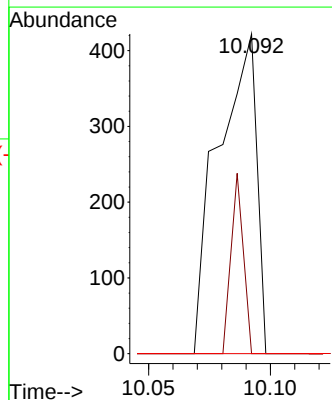
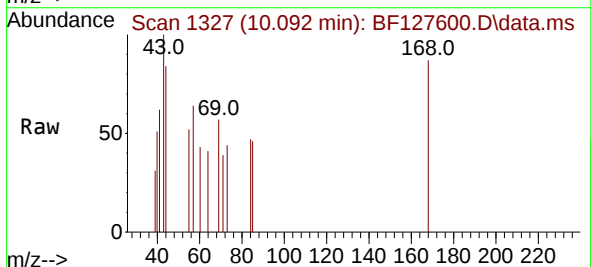
Instrument :
BNA_F
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PSE-COMP-01

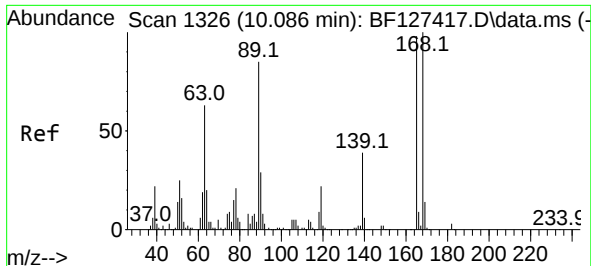
Tgt Ion:165 Resp: 21699
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 0.8 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

Tgt Ion:168 Resp: 462
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#

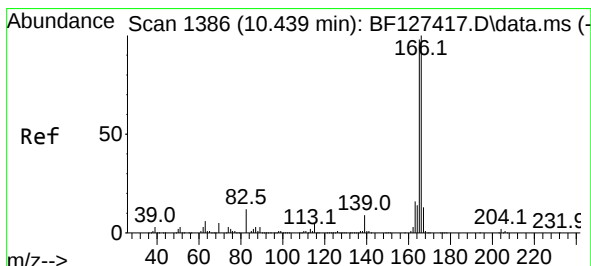
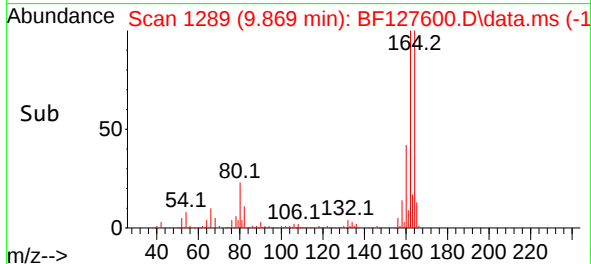
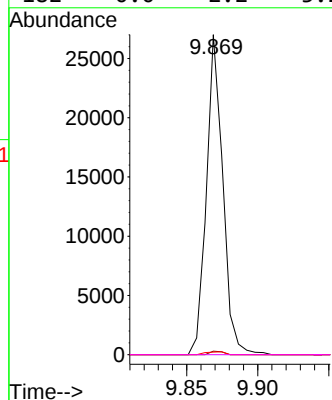
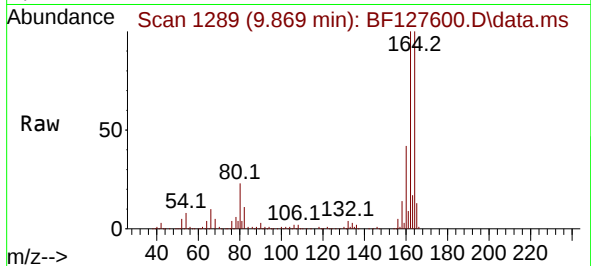




#57
2,4-Dinitrotoluene
Concen: 6.831 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

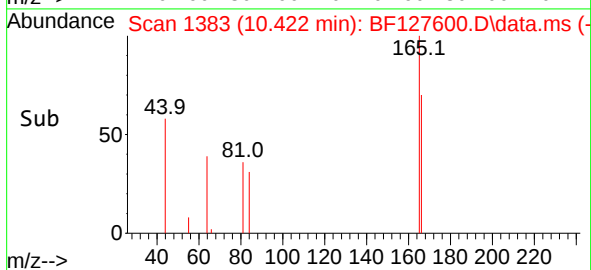
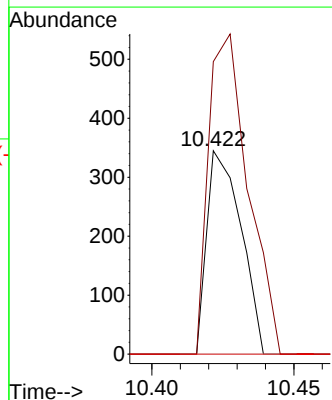
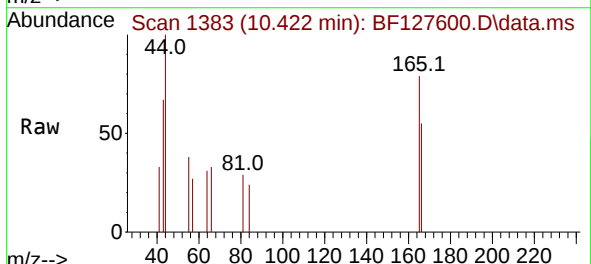
Instrument :
BNA_F
ClientSampleId :
PSE-COMP-01

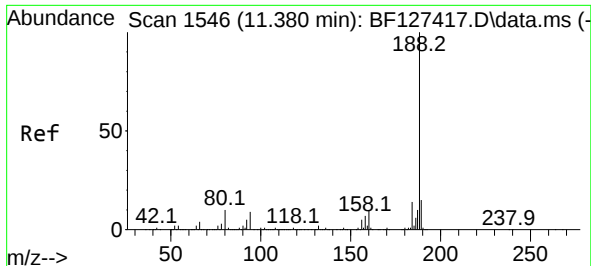
Tgt Ion:165 Resp: 21699
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 0.8 69.2 103.8#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.422 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

Tgt Ion:166 Resp: 288
Ion Ratio Lower Upper
166 100
165 143.8 78.1 117.1#
167 0.0 10.5 15.7#

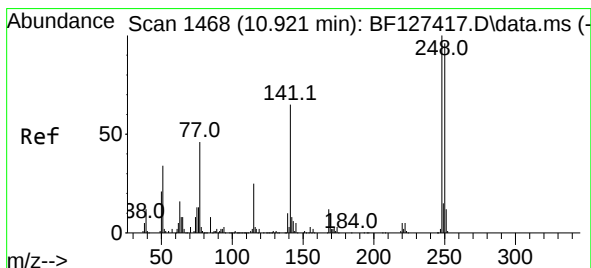
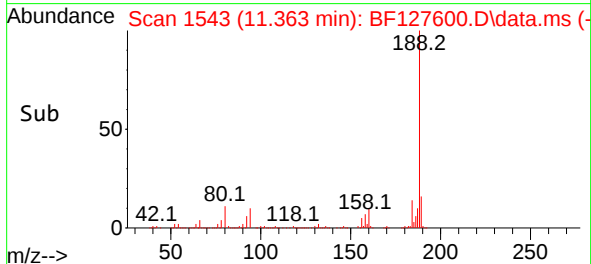
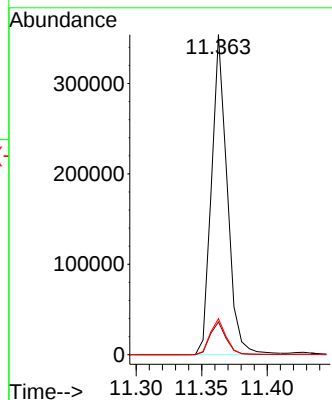
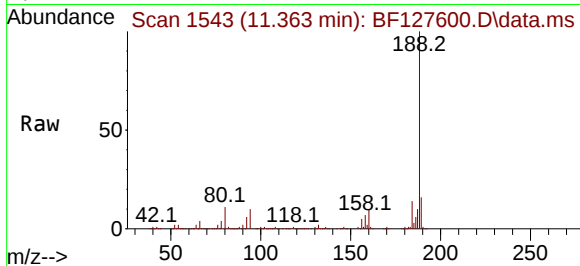




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

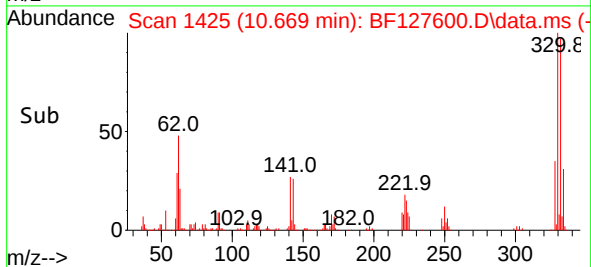
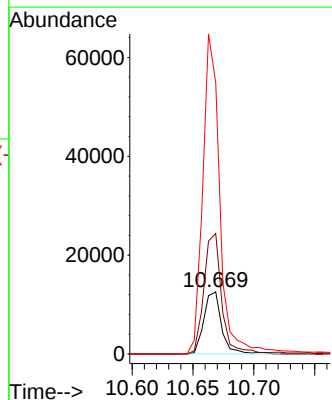
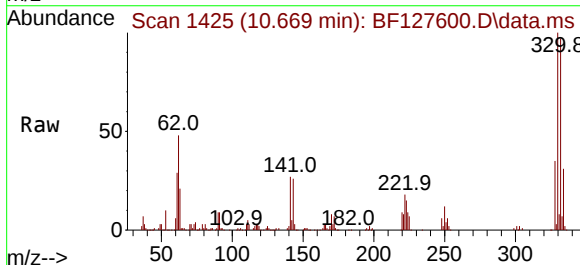
Instrument :
BNA_F
ClientSampleId :
PSE-COMP-01

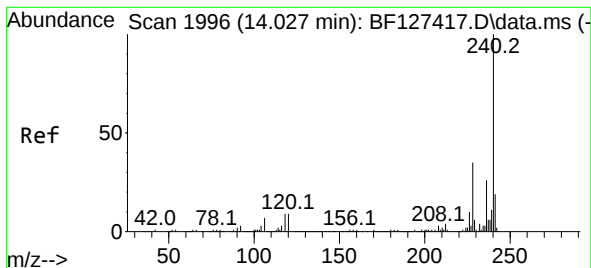
Tgt Ion:188 Resp: 295499
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.702 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127600.D
Acq: 31 Mar 2022 13:11

Tgt Ion:248 Resp: 12772
Ion Ratio Lower Upper
248 100
250 194.2 76.6 115.0#
141 437.7 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF127600.D

Acq: 31 Mar 2022 13:11

Instrument :

BNA_F

ClientSampleId :

PSE-COMP-01

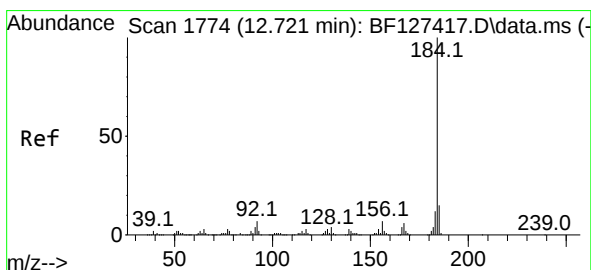
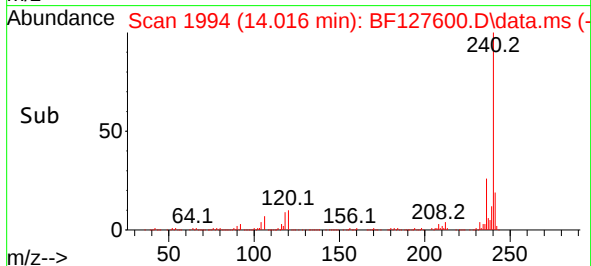
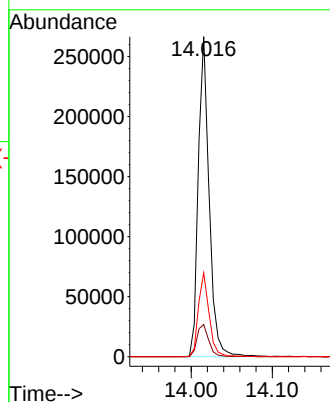
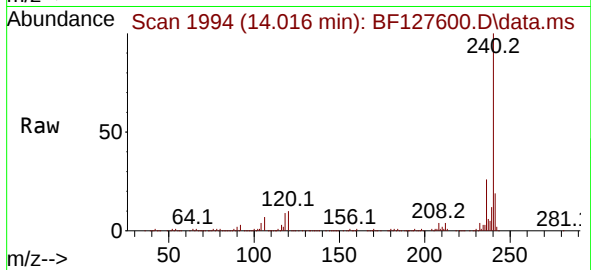
Tgt Ion:240 Resp: 249312

Ion Ratio Lower Upper

240 100

120 10.1 7.1 10.7

236 26.2 20.7 31.1



#77

Benzdine

Concen: 2.031 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.241 min

Lab File: BF127600.D

Acq: 31 Mar 2022 13:11

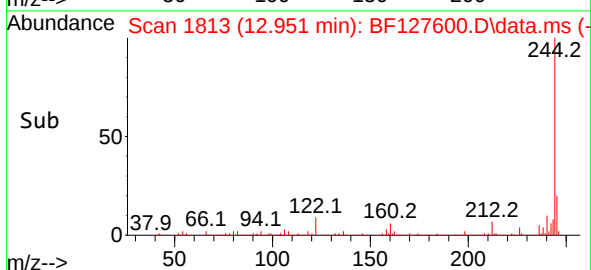
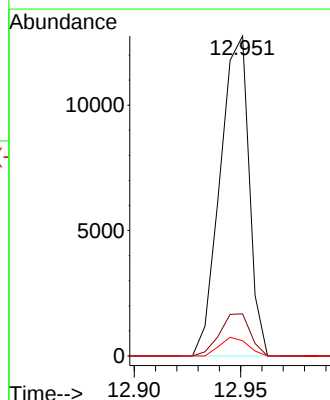
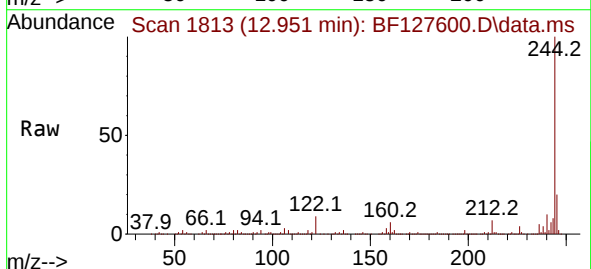
Tgt Ion:184 Resp: 12072

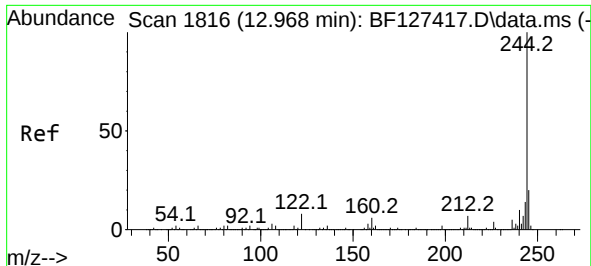
Ion Ratio Lower Upper

184 100

185 13.2 12.2 18.2

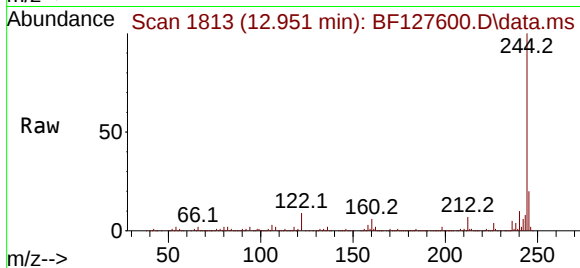
183 4.8 9.4 14.0#





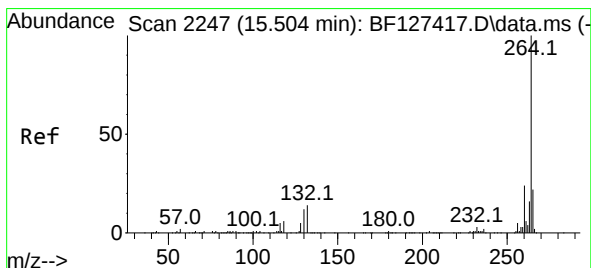
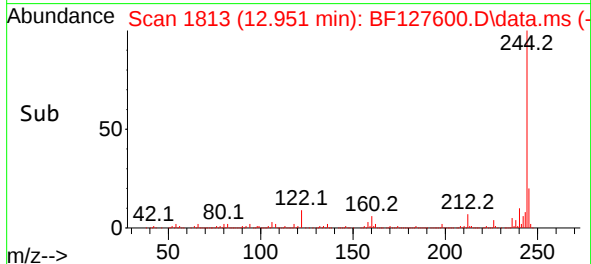
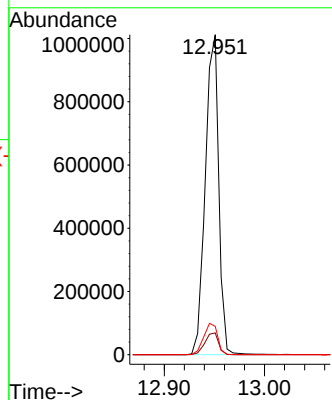
#79
 Terphenyl-d14
 Concen: 62.162 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127600.D
 Acq: 31 Mar 2022 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PSE-COMP-01



Tgt Ion:244 Resp: 946708

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	8.8	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: BF127600.D
 Acq: 31 Mar 2022 13:11

Tgt Ion:264 Resp: 238229

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.1	28.7
265	20.7	17.4	26.2

