

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127400.D
 Acq On : 18 Mar 2022 19:19
 Operator : CG\JU
 Sample : N1709-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B4-26.5-27.0

Quant Time: Mar 19 01:52:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

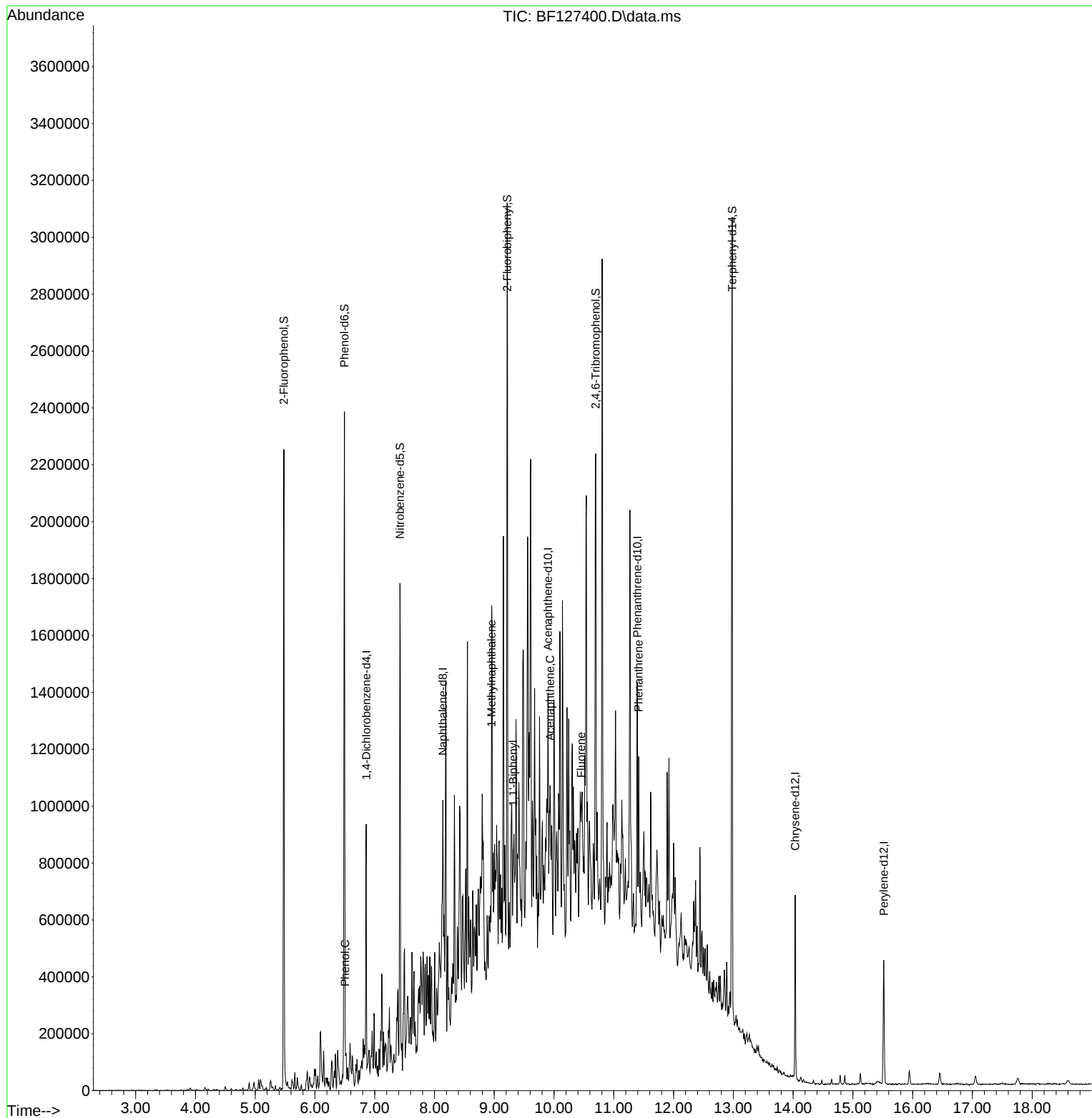
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	66902	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	242007	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	142836	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	266575	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	208143	20.000	ng	#-0.01
86) Perylene-d12	15.516	264	180302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	531026	127.598	ng	0.00
7) Phenol-d6	6.493	99	737024	128.737	ng	0.00
23) Nitrobenzene-d5	7.422	82	502696	85.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	206473	134.281	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	828764	82.031	ng	0.00
79) Terphenyl-d14	12.980	244	1081461	89.468	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.504	94	14970	2.380	ng	77
38) 1-Methylnaphthalene	8.951	142	109675	13.524	ng	92
46) 1,1'-Biphenyl	9.316	154	63128	5.856	ng	99
52) Acenaphthene	9.934	154	19435	2.539	ng	# 24
58) Fluorene	10.451	166	64104	6.951	ng	# 87
71) Phenanthrene	11.416	178	201621	14.328	ng	96

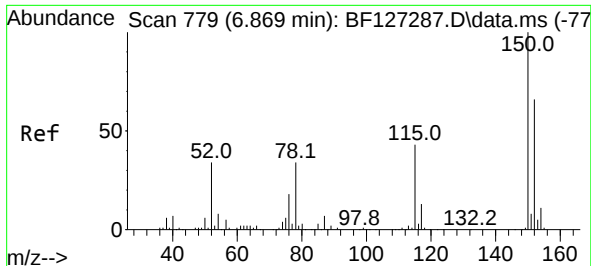
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 19 01:52:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 01:50:04 2022
Response via : Initial Calibration

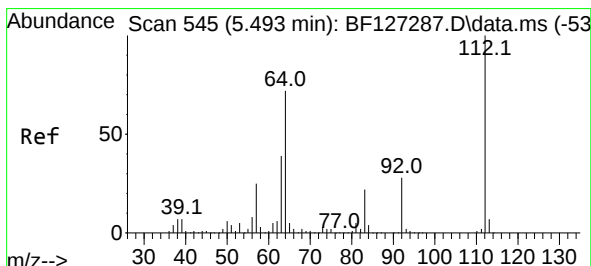
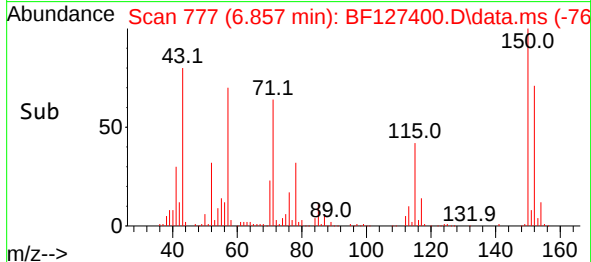
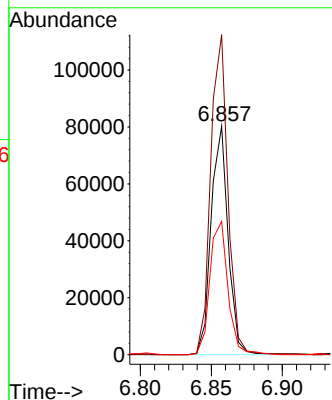
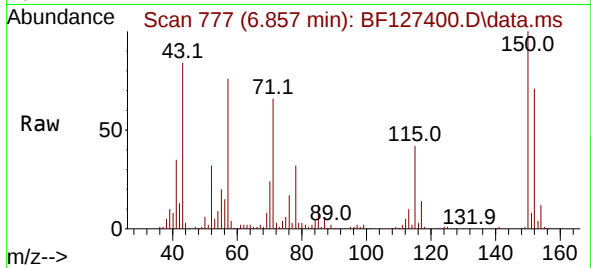




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127400.D
 Acq: 18 Mar 2022 19:19

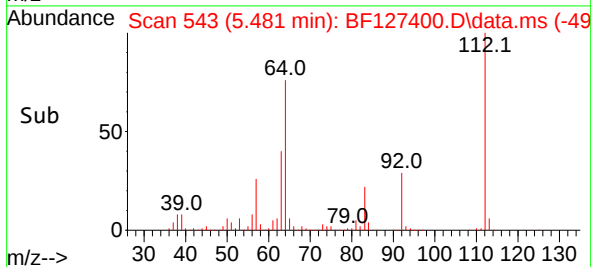
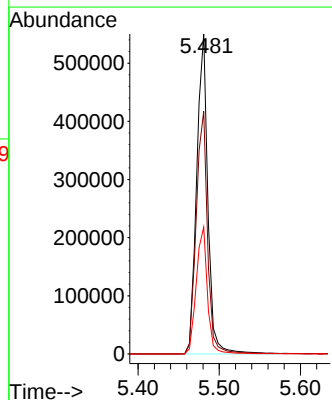
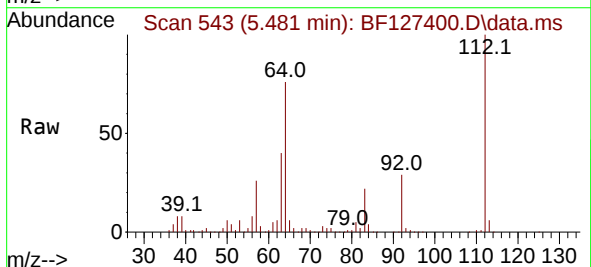
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B4-26.5-27.0

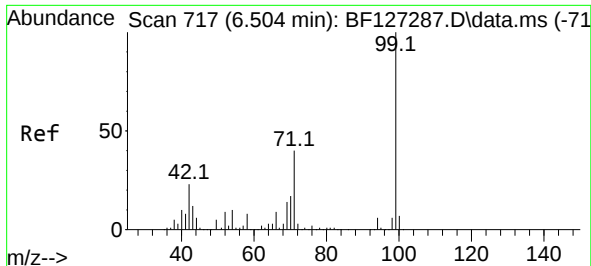
Tgt Ion:152 Resp: 66902
 Ion Ratio Lower Upper
 152 100
 150 140.0 128.1 192.1
 115 58.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 127.598 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.000 min
 Lab File: BF127400.D
 Acq: 18 Mar 2022 19:19

Tgt Ion:112 Resp: 531026
 Ion Ratio Lower Upper
 112 100
 64 75.9 49.5 74.3#
 63 39.6 23.9 35.9#





#7

Phenol-d6

Concen: 128.737 ng

RT: 6.493 min Scan# 717

Delta R.T. -0.006 min

Lab File: BF127400.D

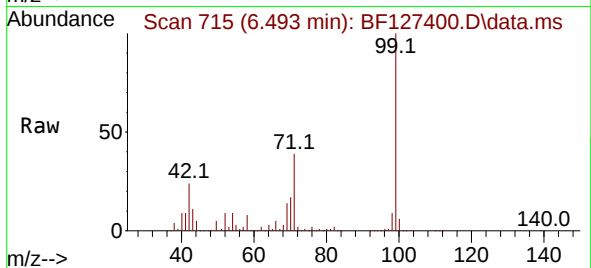
Acq: 18 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-26.5-27.0



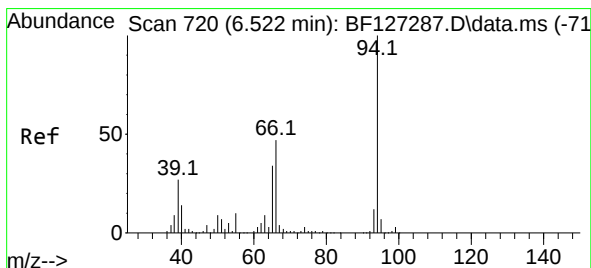
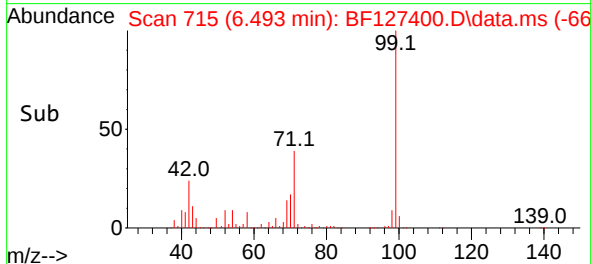
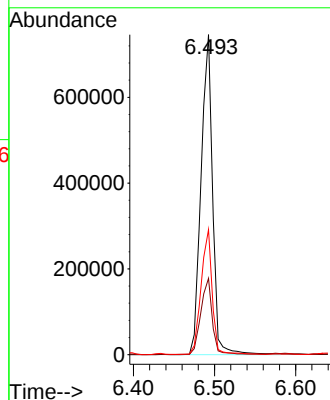
Tgt Ion: 99 Resp: 737024

Ion Ratio Lower Upper

99 100

42 23.9 14.2 21.4#

71 39.1 24.3 36.5#



#10

Phenol

Concen: 2.380 ng

RT: 6.504 min Scan# 717

Delta R.T. -0.012 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

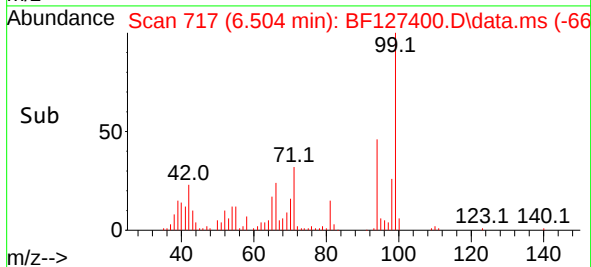
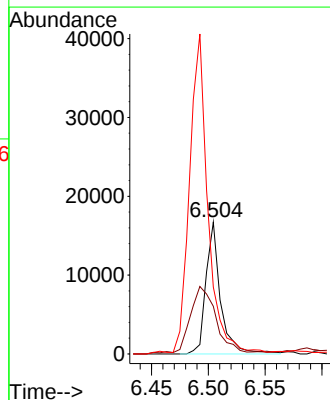
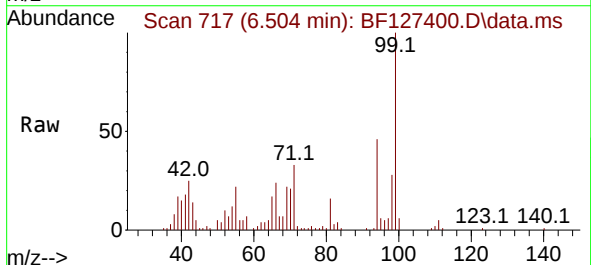
Tgt Ion: 94 Resp: 14970

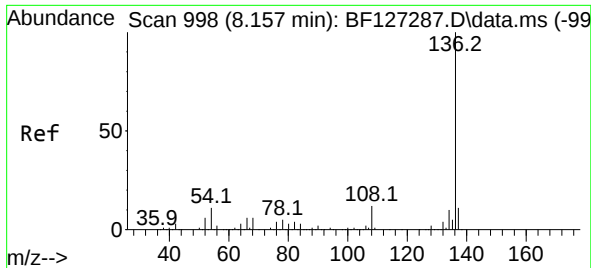
Ion Ratio Lower Upper

94 100

65 36.2 7.2 47.2

66 50.7 14.5 54.5

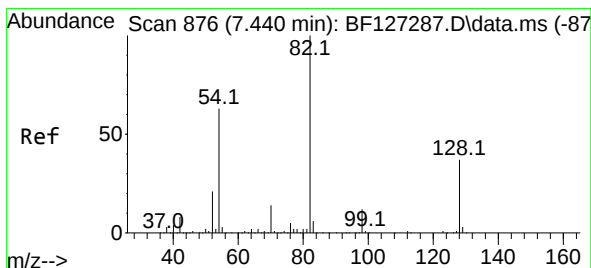
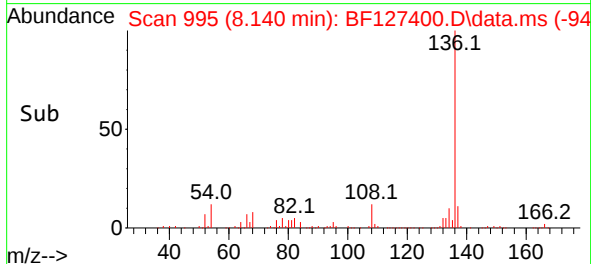
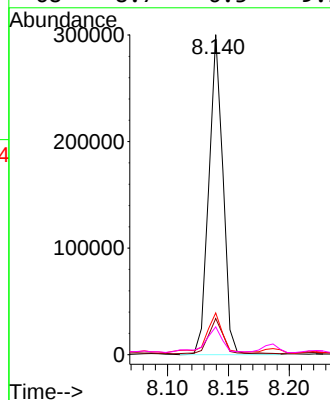
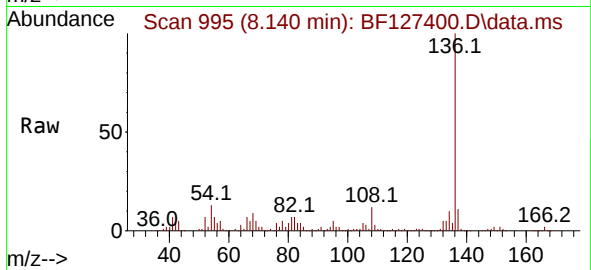




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

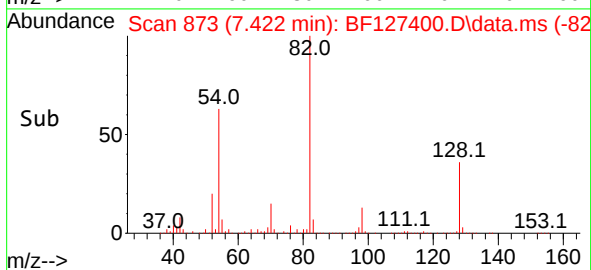
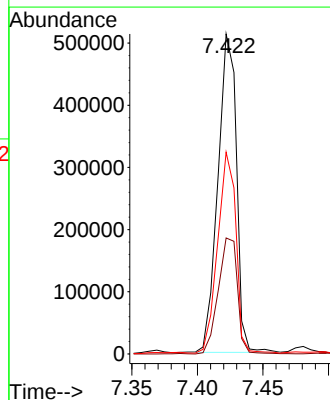
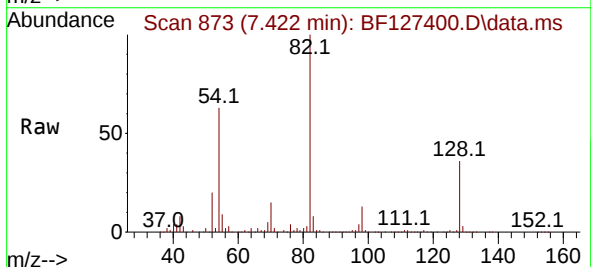
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

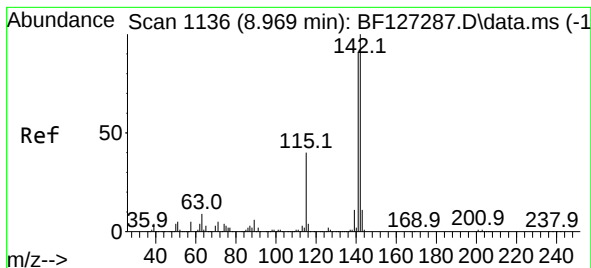
Tgt Ion:136 Resp: 242007
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 13.1 7.8 11.6#
68 8.7 6.3 9.5



#23
Nitrobenzene-d5
Concen: 85.784 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion: 82 Resp: 502696
Ion Ratio Lower Upper
82 100
128 36.3 32.7 49.1
54 63.1 41.7 62.5#





#38

1-Methylnaphthalene

Concen: 13.524 ng

RT: 8.951 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

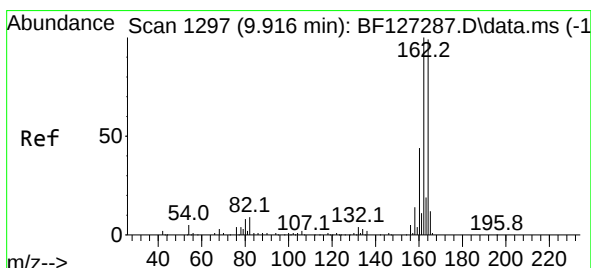
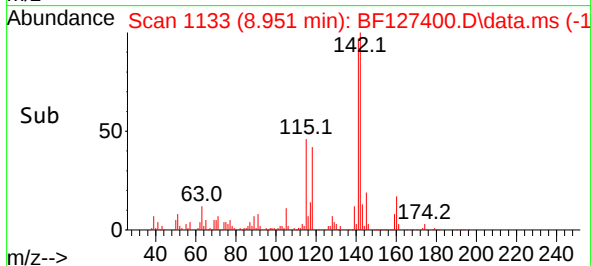
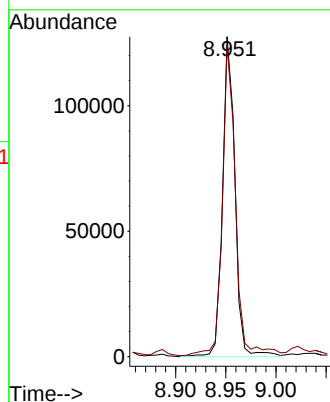
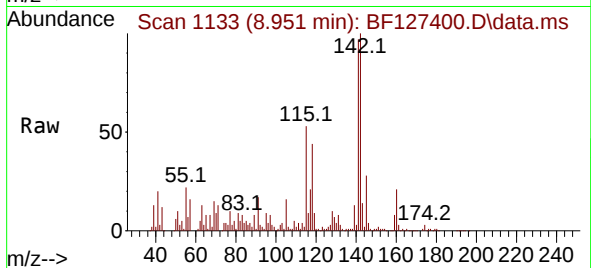
PPSP-B4-26.5-27.0

Tgt Ion:142 Resp: 109675

Ion Ratio Lower Upper

142 100

141 97.3 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

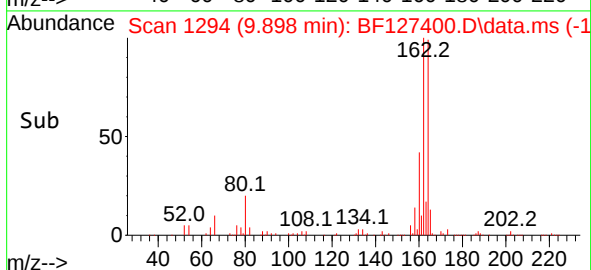
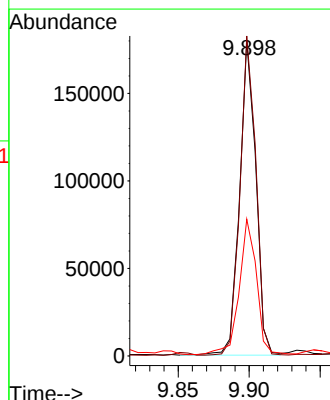
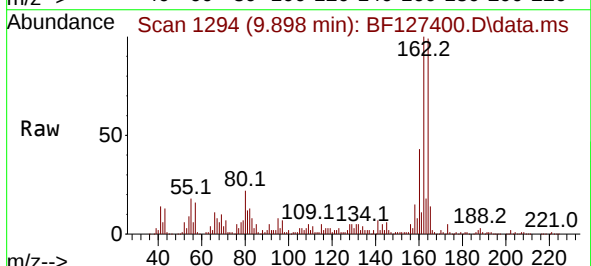
Tgt Ion:164 Resp: 142836

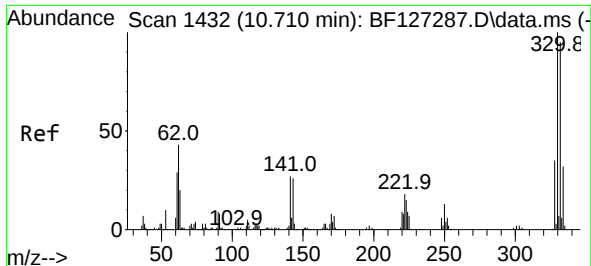
Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 43.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 134.281 ng

RT: 10.698 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-26.5-27.0

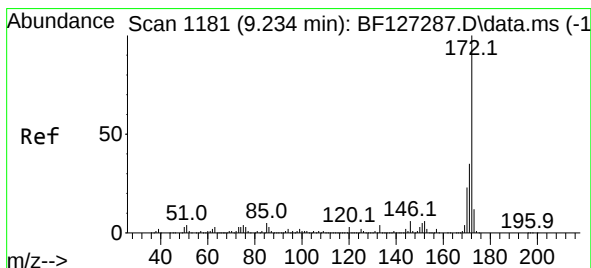
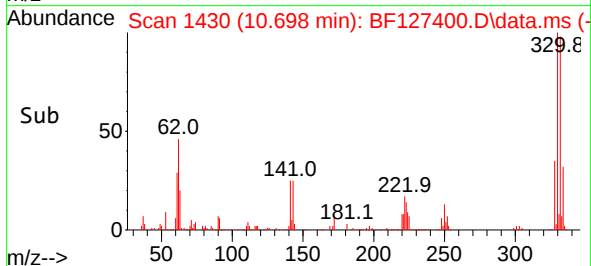
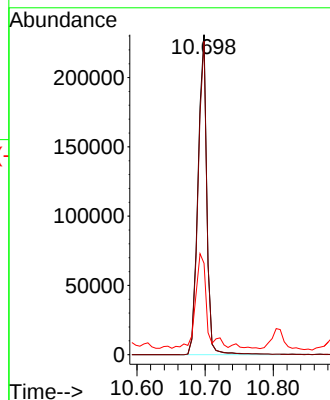
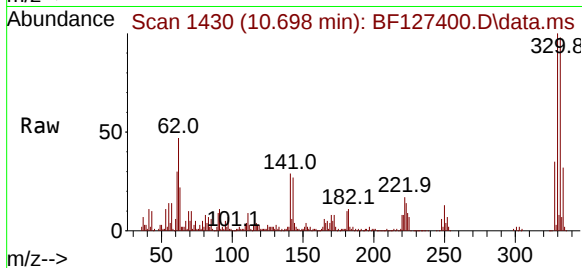
Tgt Ion:330 Resp: 206473

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 37.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.031 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

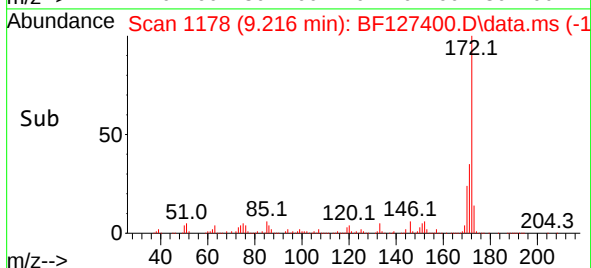
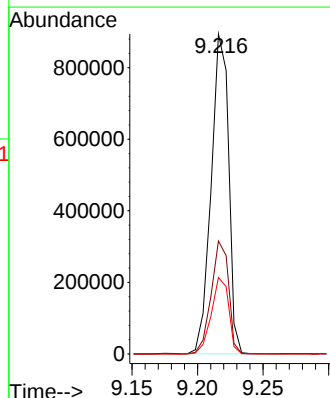
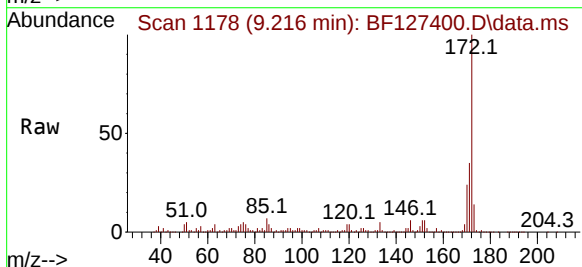
Tgt Ion:172 Resp: 828764

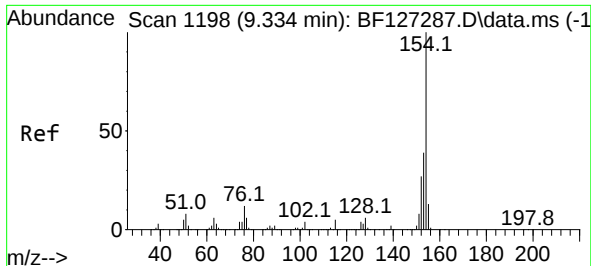
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.9 19.0 28.6

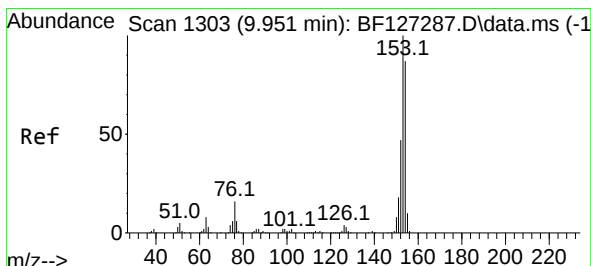
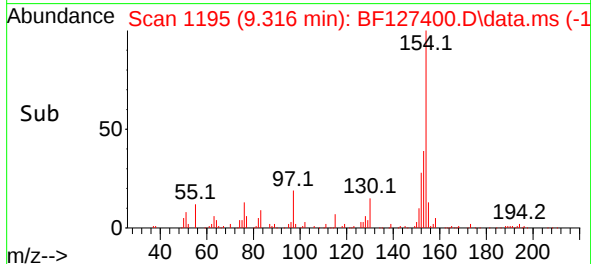
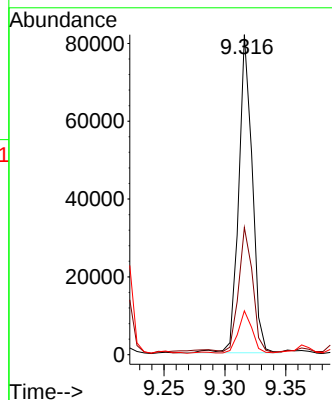
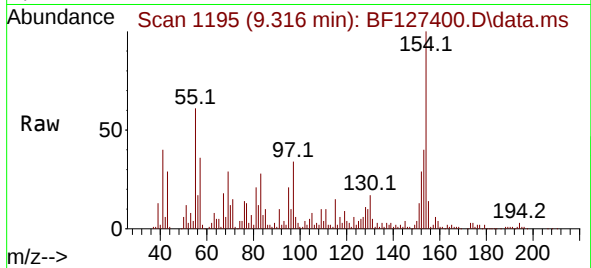




#46
1,1'-Biphenyl
Concen: 5.856 ng
RT: 9.316 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

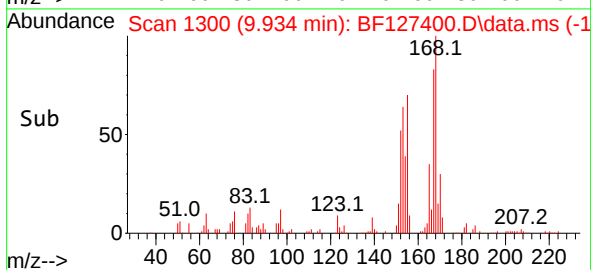
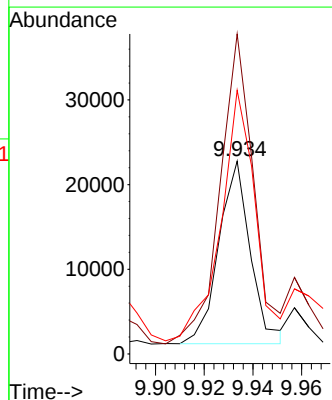
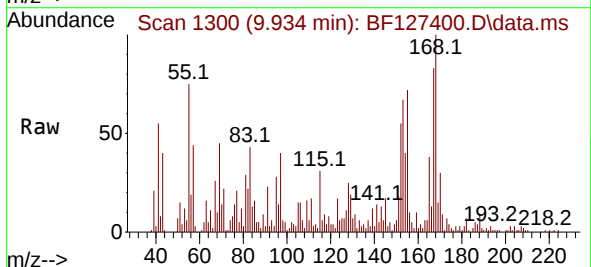
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

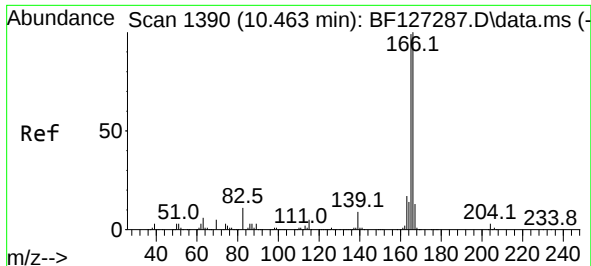
Tgt Ion:154 Resp: 63128
Ion Ratio Lower Upper
154 100
153 39.8 19.0 59.0
76 13.7 0.0 34.5



#52
Acenaphthene
Concen: 2.539 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:154 Resp: 19435
Ion Ratio Lower Upper
154 100
153 165.9 87.8 131.6#
152 136.7 39.4 59.2#

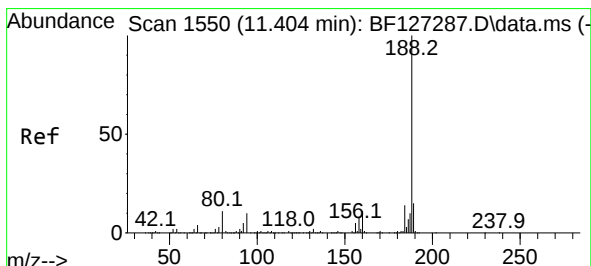
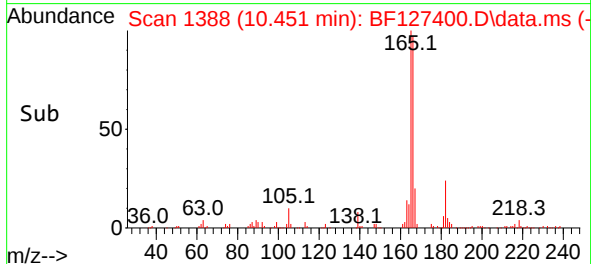
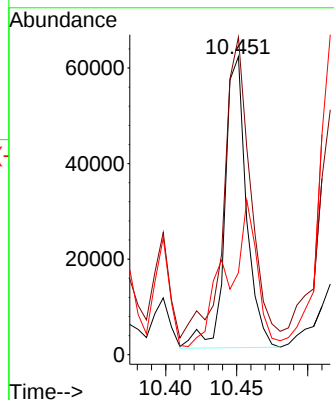
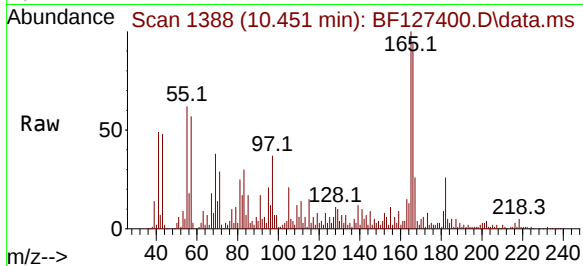




#58
Fluorene
Concen: 6.951 ng
RT: 10.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

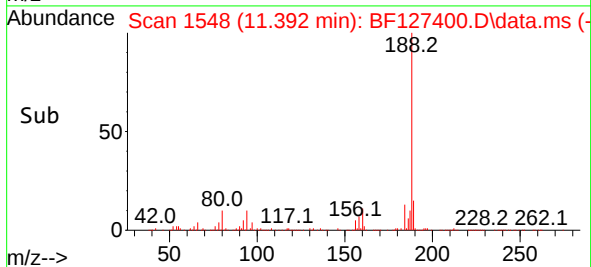
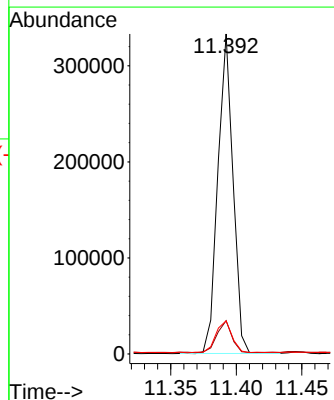
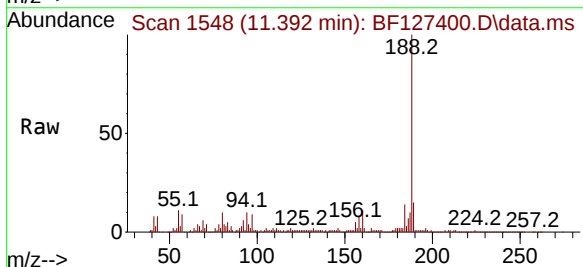
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

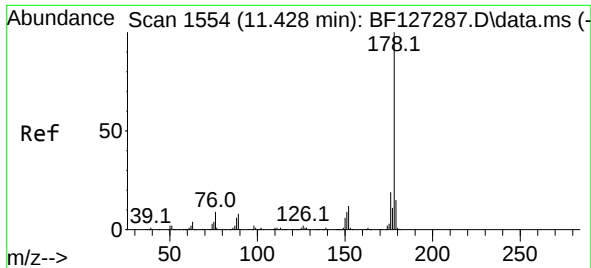
Tgt Ion:166 Resp: 64104
Ion Ratio Lower Upper
166 100
165 106.6 77.7 116.5
167 27.5 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:188 Resp: 266575
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 10.4 11.8 17.6#

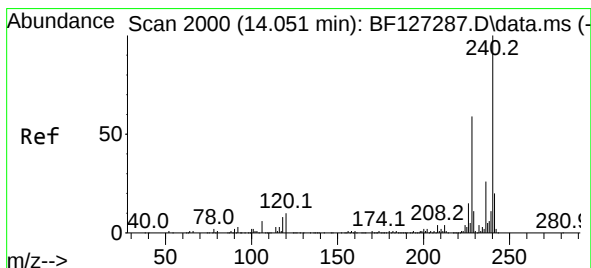
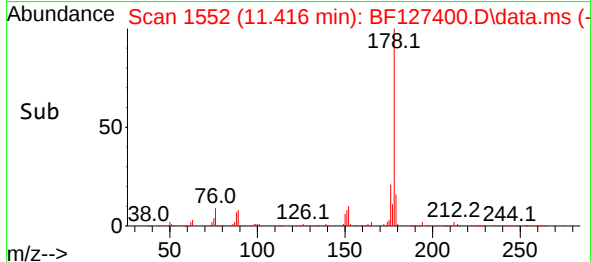
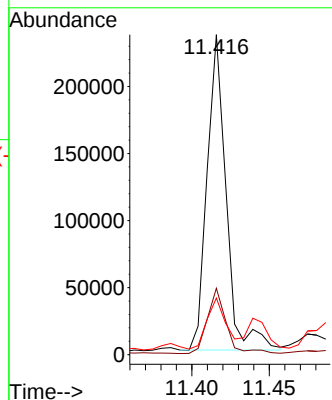
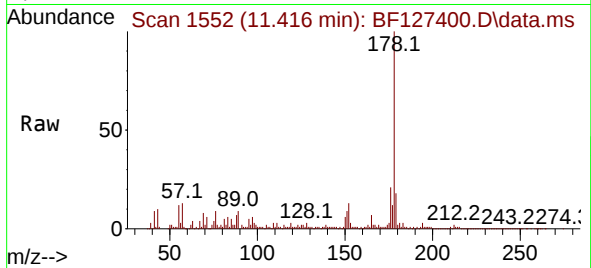




#71
Phenanthrene
Concen: 14.328 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

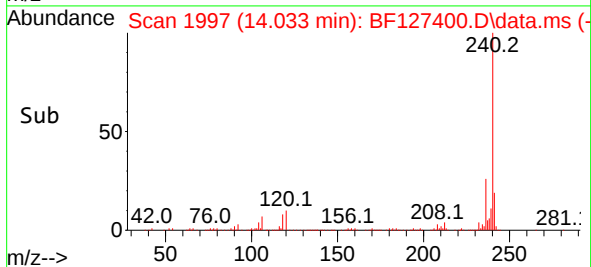
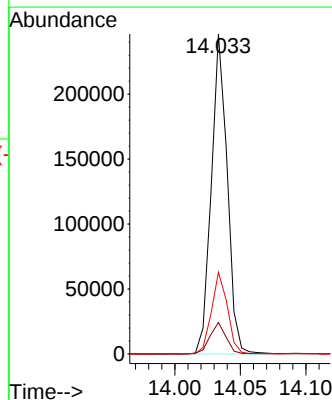
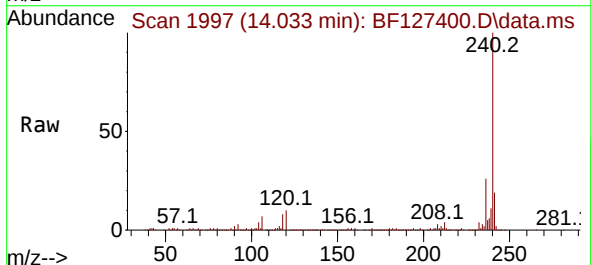
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

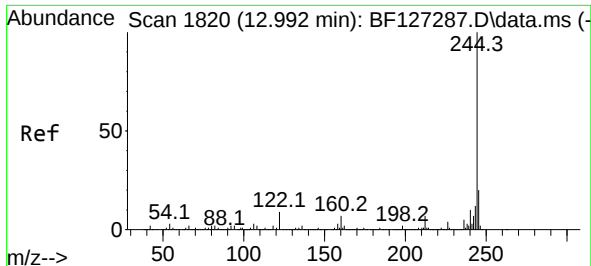
Tgt Ion:178 Resp: 201621
Ion Ratio Lower Upper
178 100
176 20.8 15.7 23.5
179 17.7 12.3 18.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:240 Resp: 208143
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 25.5 20.5 30.7

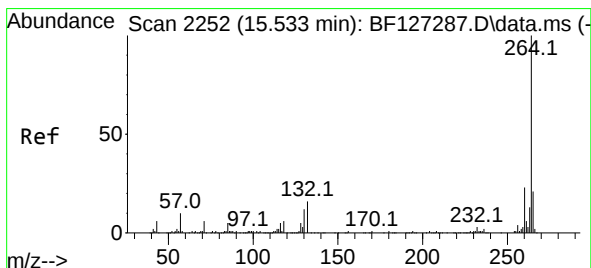
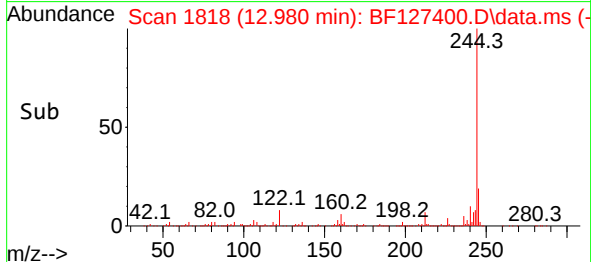
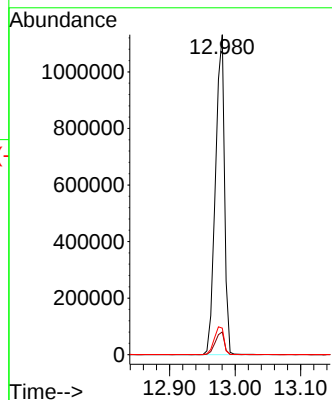
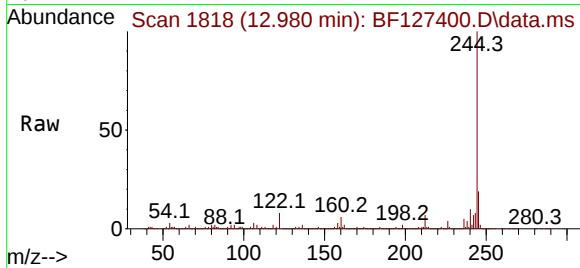




#79
 Terphenyl-d14
 Concen: 89.468 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127400.D
 Acq: 18 Mar 2022 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B4-26.5-27.0

Tgt Ion:244 Resp: 1081461
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 8.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2249
 Delta R.T. -0.006 min
 Lab File: BF127400.D
 Acq: 18 Mar 2022 19:19

Tgt Ion:264 Resp: 180302
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.3 17.4 26.2

