

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127403.D
 Acq On : 18 Mar 2022 20:48
 Operator : CG\JU
 Sample : N1708-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-28.0-28.5

Quant Time: Mar 19 01:53:08 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)

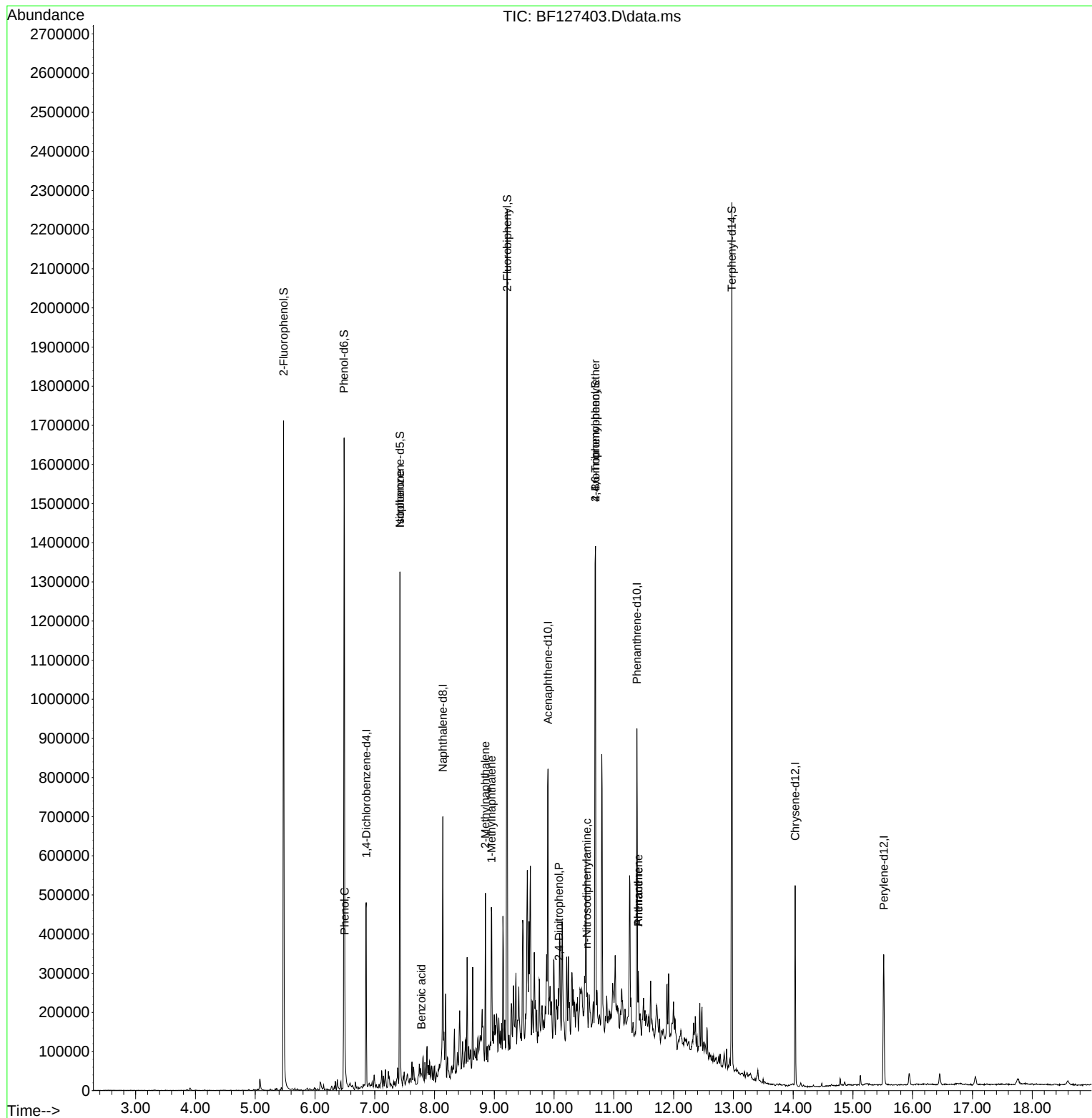
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	63678	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	233052	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	136180	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	254651	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	168112	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	147755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	382743	96.624	ng	0.00
7) Phenol-d6	6.487	99	526318	96.587	ng	-0.01
23) Nitrobenzene-d5	7.422	82	348110	61.687	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	143904	98.163	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	621947	64.569	ng	0.00
79) Terphenyl-d14	12.974	244	713083	73.040	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	72	Below Cal	#	1
10) Phenol	6.498	94	12704	2.122	ng	# 48
25) Isophorone	7.422	82	346447	38.180	ng	# 69
32) Benzoic acid	7.781	122	142	6.676	ng	# 1
37) 2-Methylnaphthalene	8.851	142	94463	11.629	ng	99
38) 1-Methylnaphthalene	8.951	142	58623	7.507	ng	97
54) 2,4-Dinitrophenol	10.081	184	53	3.892	ng	# 1
66) n-Nitrosodiphenylamine	10.551	169	16594	2.098	ng	# 44
67) 4-Bromophenyl-phenylether	10.692	248	9997	3.257	ng	# 1
71) Phenanthrene	11.410	178	52790	3.927	ng	98
72) Anthracene	11.410	178	52145	3.917	ng	99

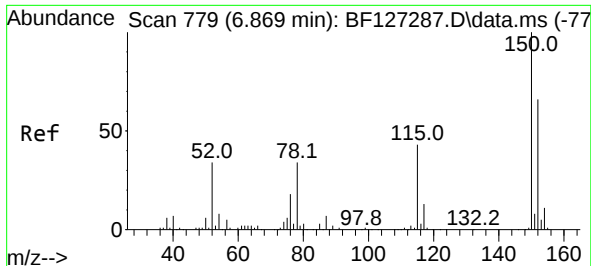
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127403.D
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PPSP-B10-28.0-28.5

Quant Time: Mar 19 01:53:08 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

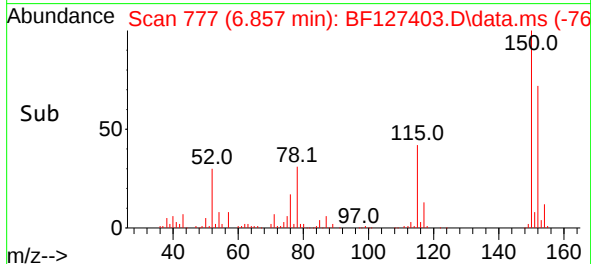
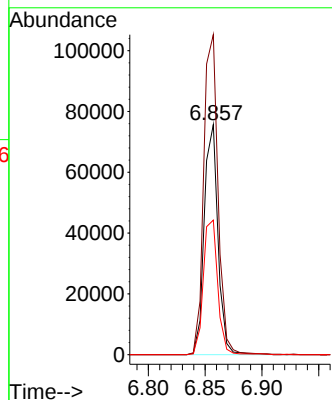
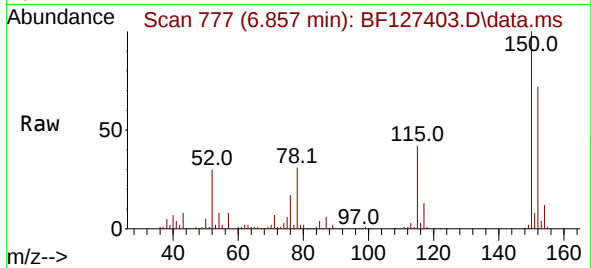




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

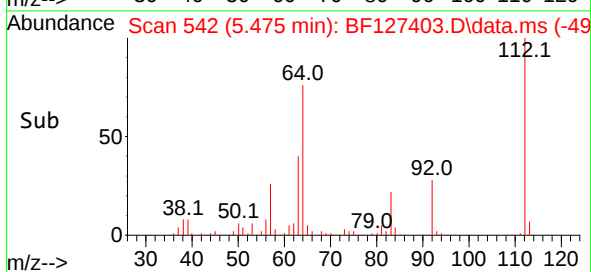
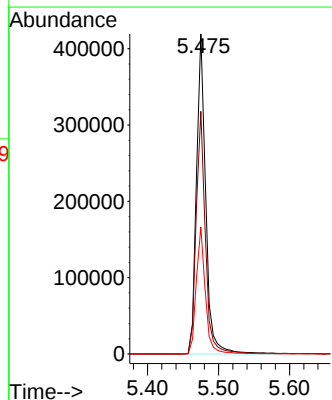
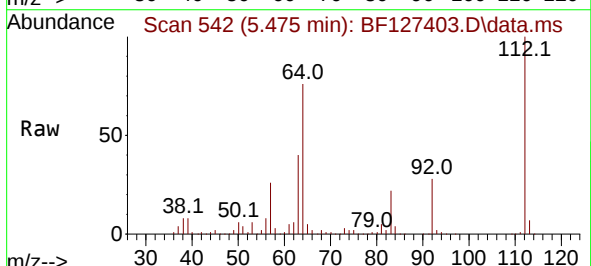
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-28.0-28.5

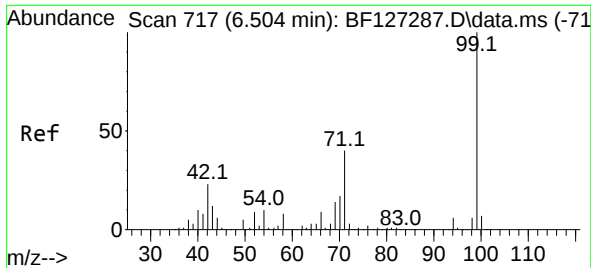
Tgt Ion:152 Resp: 63678
Ion Ratio Lower Upper
152 100
150 139.0 128.1 192.1
115 58.5 56.7 85.1



#5
2-Fluorophenol
Concen: 96.624 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

Tgt Ion:112 Resp: 382743
Ion Ratio Lower Upper
112 100
64 75.8 49.5 74.3#
63 39.6 23.9 35.9#





#7

Phenol-d6

Concen: 96.587 ng

RT: 6.487 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127403.D

Acq: 18 Mar 2022 20:48

Instrument :

BNA_F

ClientSampleId :

PPSP-B10-28.0-28.5

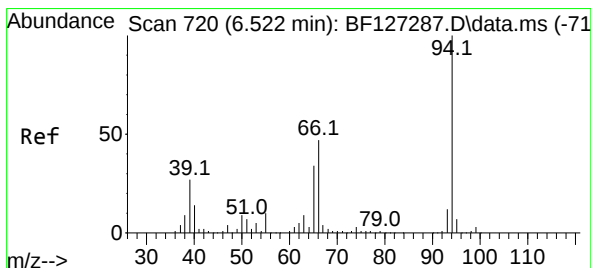
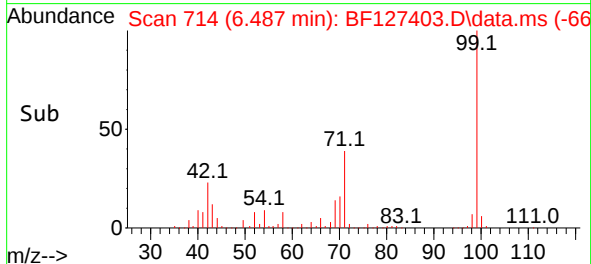
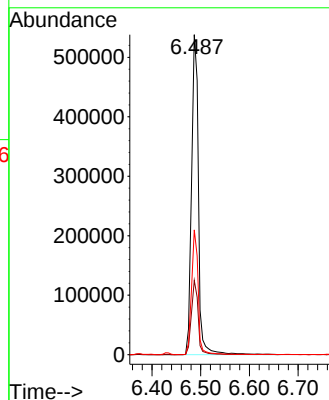
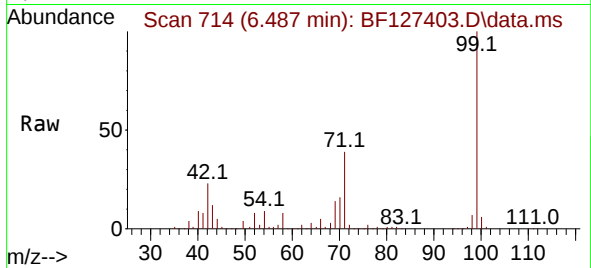
Tgt Ion: 99 Resp: 526318

Ion Ratio Lower Upper

99 100

42 23.2 14.2 21.4#

71 39.0 24.3 36.5#



#10

Phenol

Concen: 2.122 ng

RT: 6.498 min Scan# 716

Delta R.T. -0.018 min

Lab File: BF127403.D

Acq: 18 Mar 2022 20:48

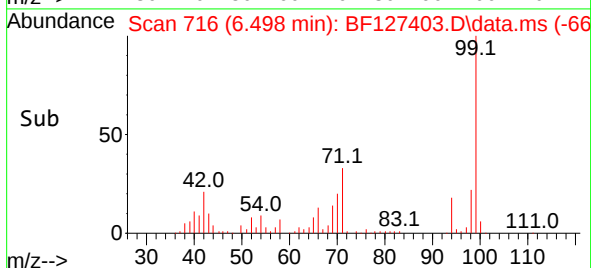
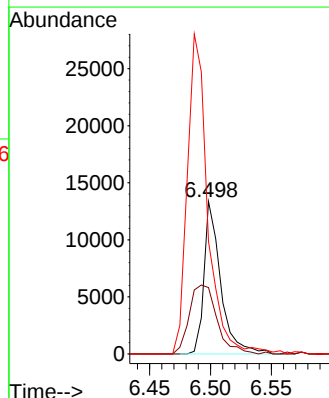
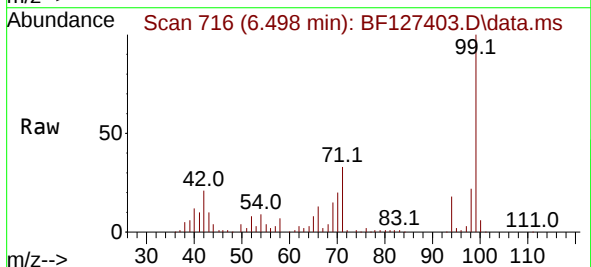
Tgt Ion: 94 Resp: 12704

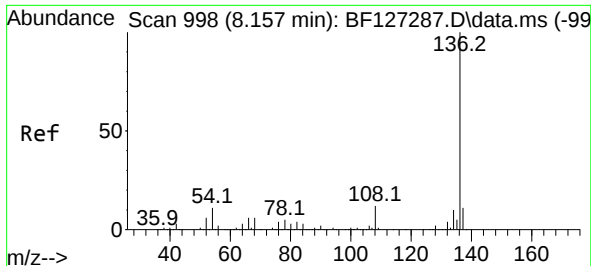
Ion Ratio Lower Upper

94 100

65 43.6 7.2 47.2

66 73.6 14.5 54.5#



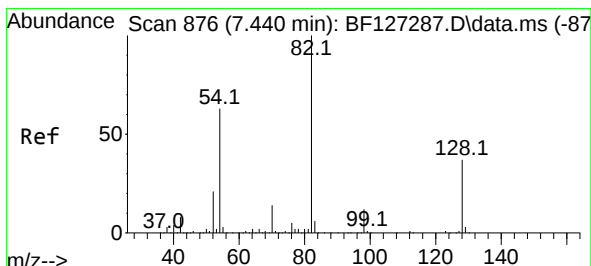
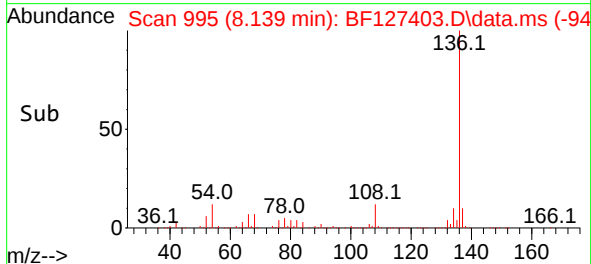
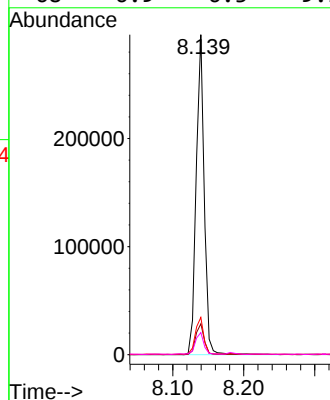
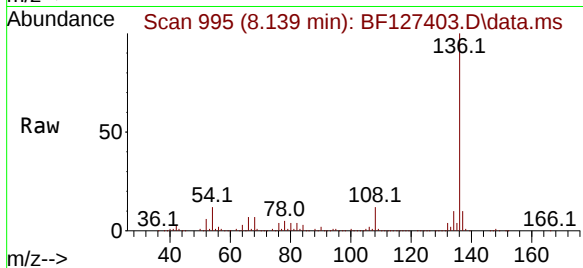


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

Instrument :
BNA_F
ClientSampleId :
PPSP-B10-28.0-28.5

Tgt Ion:136 Resp: 233052

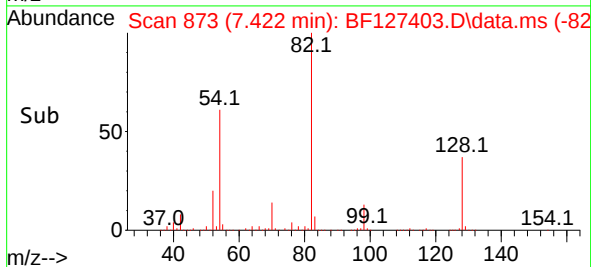
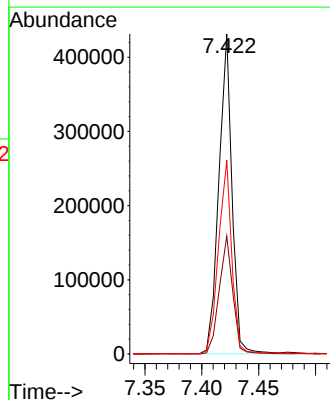
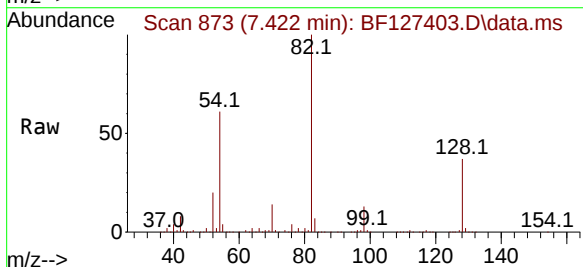
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.6	13.0
54	11.6	7.8	11.6#
68	6.9	6.3	9.5

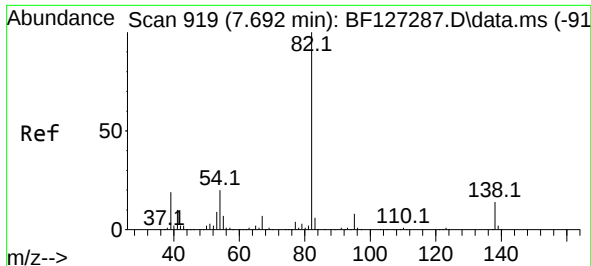


#23
Nitrobenzene-d5
Concen: 61.687 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

Tgt Ion: 82 Resp: 348110

Ion	Ratio	Lower	Upper
82	100		
128	36.8	32.7	49.1
54	60.5	41.7	62.5





#25

Isophorone

Concen: 38.180 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF127403.D

Acq: 18 Mar 2022 20:48

Instrument :

BNA_F

ClientSampleId :

PPSP-B10-28.0-28.5

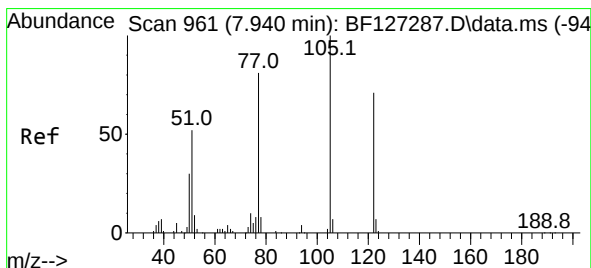
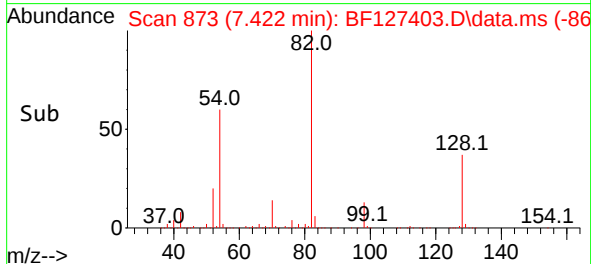
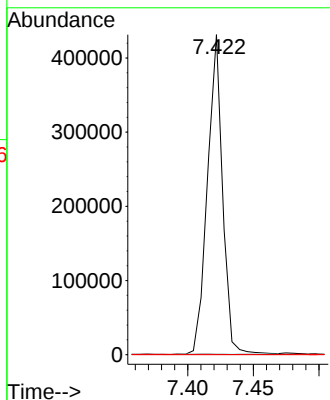
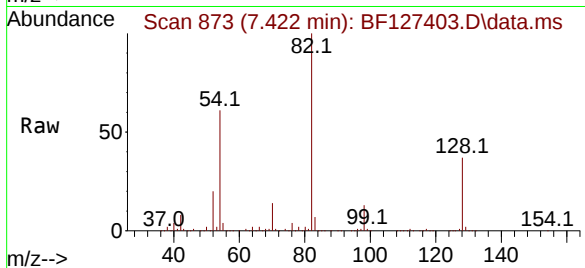
Tgt Ion: 82 Resp: 346447

Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#



#32

Benzoic acid

Concen: 6.676 ng

RT: 7.781 min Scan# 934

Delta R.T. -0.171 min

Lab File: BF127403.D

Acq: 18 Mar 2022 20:48

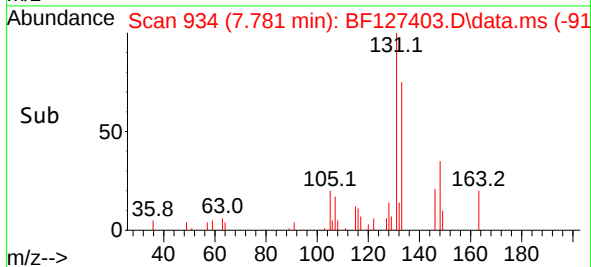
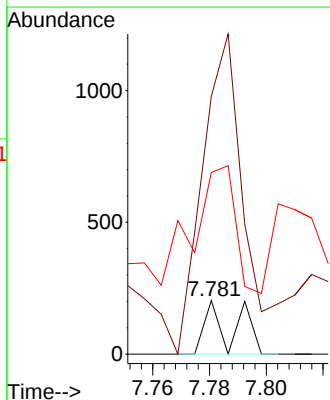
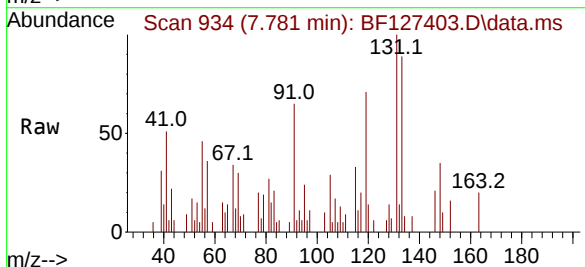
Tgt Ion: 122 Resp: 142

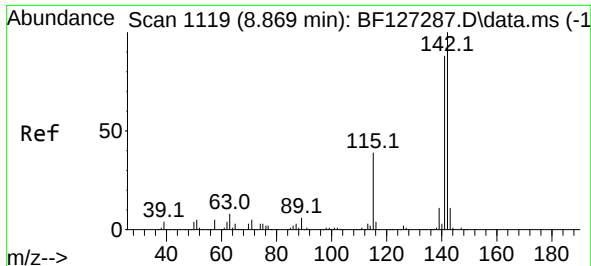
Ion Ratio Lower Upper

122 100

105 481.8 101.0 141.0#

77 339.4 74.5 114.5#

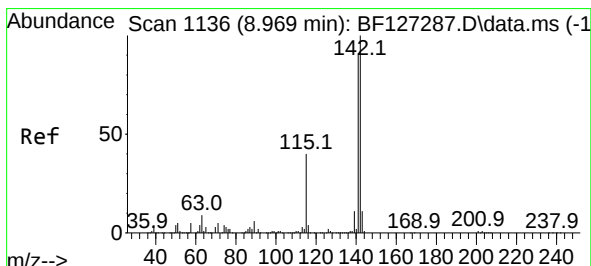
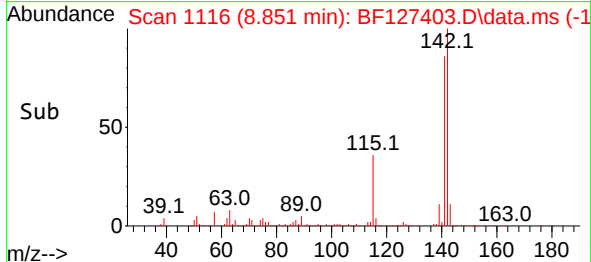
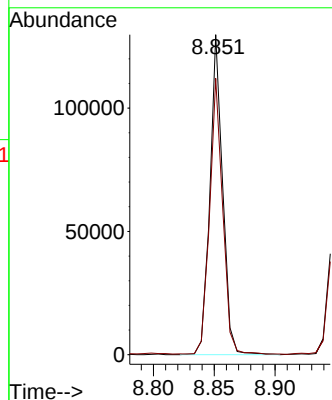
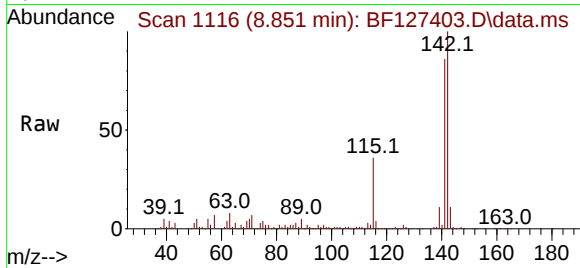




#37
2-Methylnaphthalene
Concen: 11.629 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

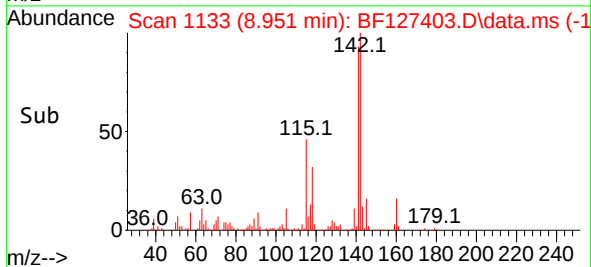
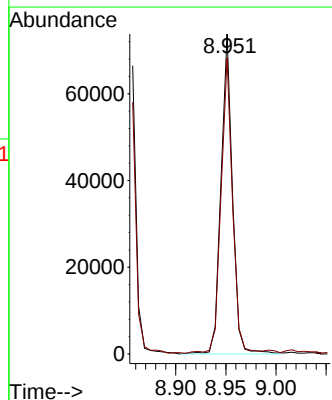
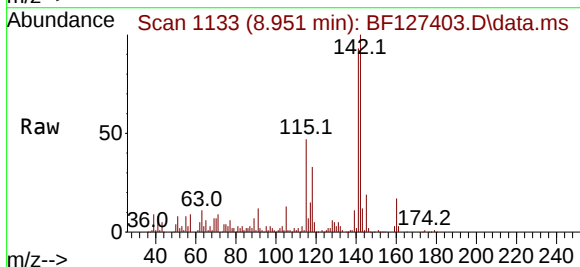
Instrument :
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PPSP-B10-28.0-28.5

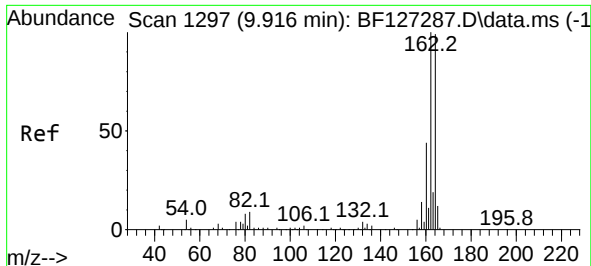
Tgt Ion:142 Resp: 94463
Ion Ratio Lower Upper
142 100
141 86.4 68.6 102.8



#38
1-Methylnaphthalene
Concen: 7.507 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

Tgt Ion:142 Resp: 58623
Ion Ratio Lower Upper
142 100
141 92.5 72.1 108.1

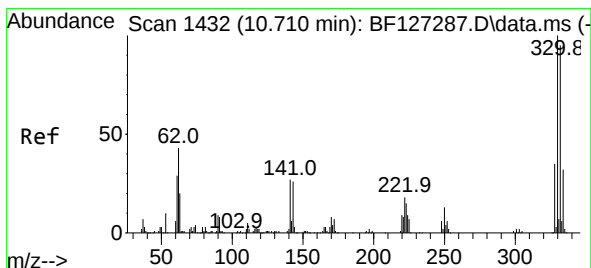
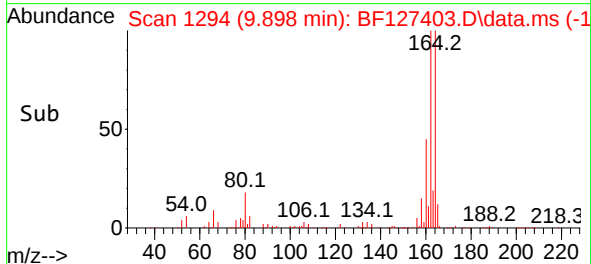
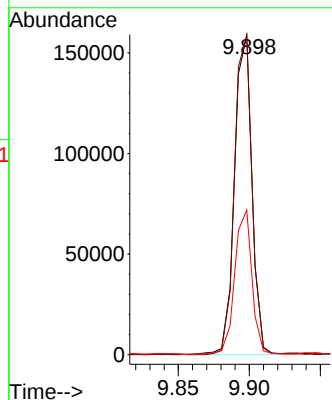
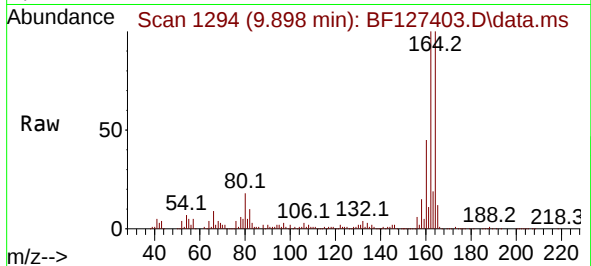




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

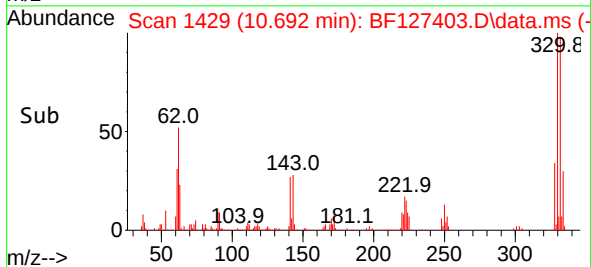
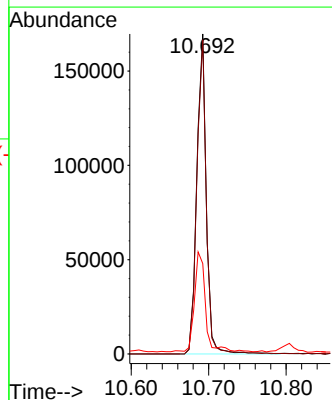
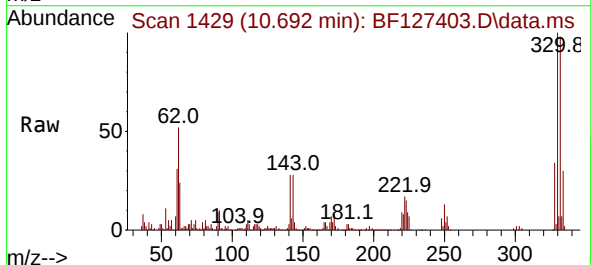
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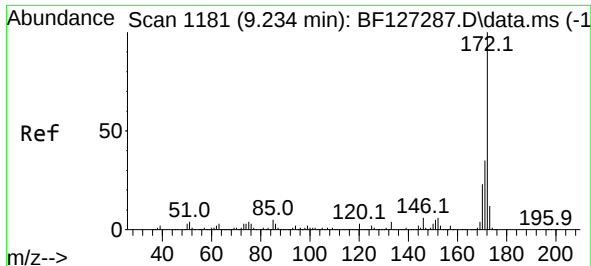
Tgt Ion:164 Resp: 136180
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 98.163 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

Tgt Ion:330 Resp: 143904
Ion Ratio Lower Upper
330 100
332 97.8 76.0 114.0
141 35.8 30.1 45.1

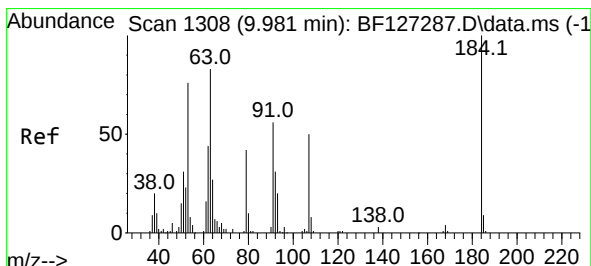
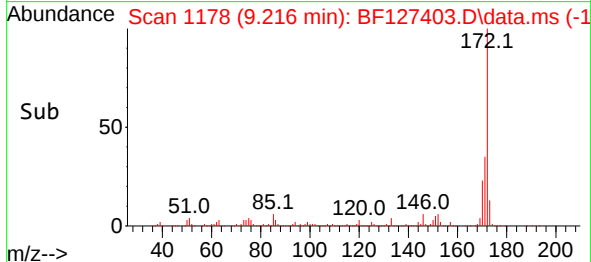
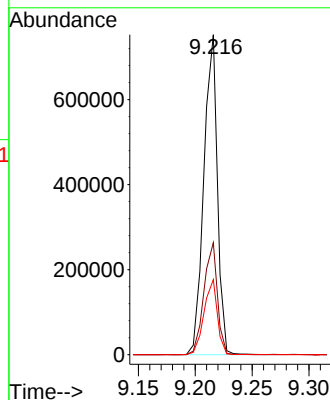
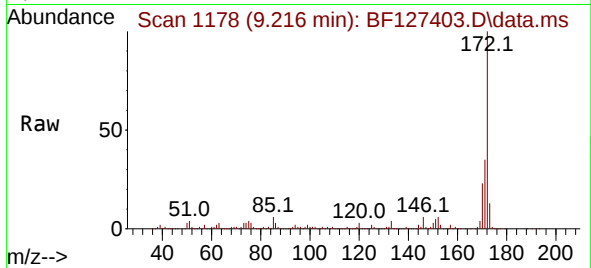




#45
2-Fluorobiphenyl
Concen: 64.569 ng
RT: 9.216 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

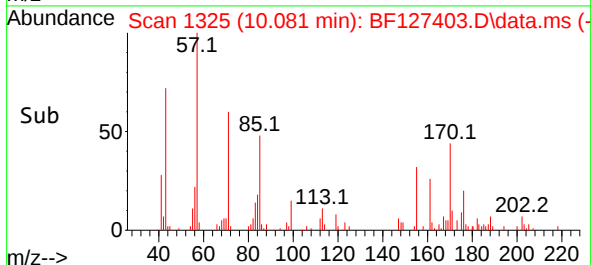
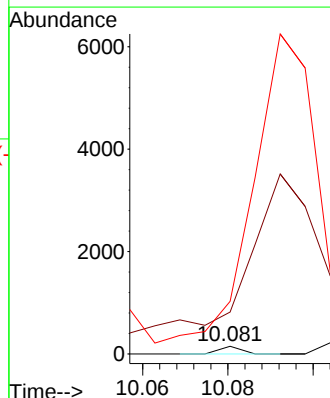
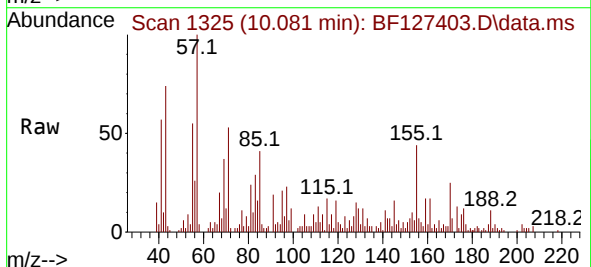
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-28.0-28.5

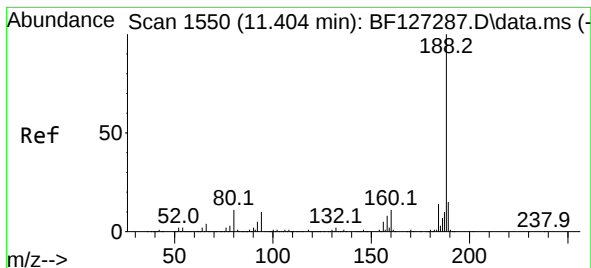
Tgt Ion:172 Resp: 621947
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.5 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 3.892 ng
RT: 10.081 min Scan# 1325
Delta R.T. 0.100 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 546.0 70.4 105.6#
154 684.7 49.7 74.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127403.D

Acq: 18 Mar 2022 20:48

Instrument :

BNA_F

ClientSampleId :

PPSP-B10-28.0-28.5

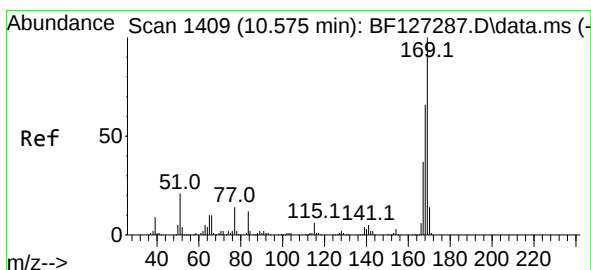
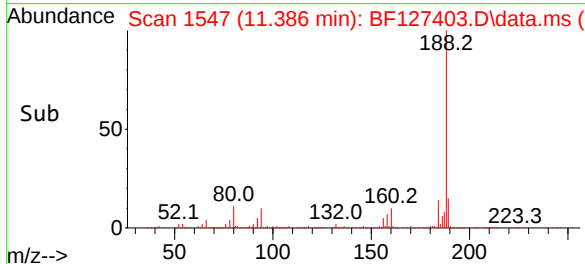
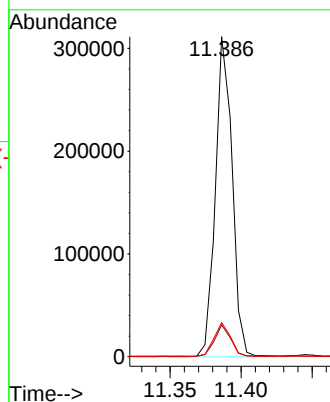
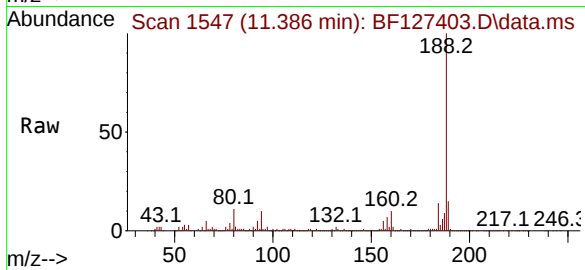
Tgt Ion:188 Resp: 254651

Ion Ratio Lower Upper

188 100

94 10.0 10.1 15.1#

80 10.7 11.8 17.6#



#66

n-Nitrosodiphenylamine

Concen: 2.098 ng

RT: 10.551 min Scan# 1405

Delta R.T. -0.012 min

Lab File: BF127403.D

Acq: 18 Mar 2022 20:48

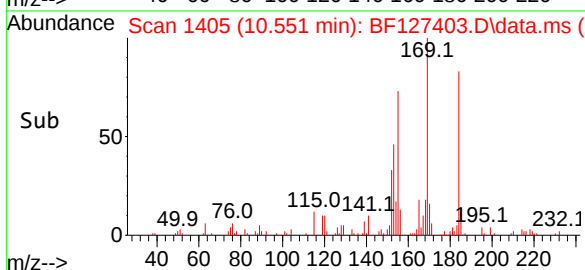
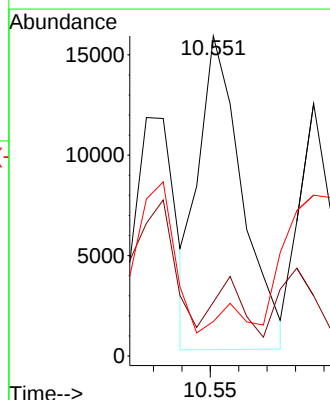
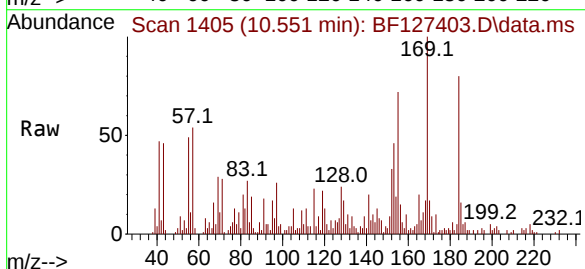
Tgt Ion:169 Resp: 16594

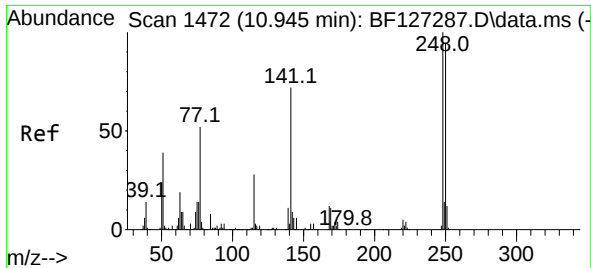
Ion Ratio Lower Upper

169 100

168 16.8 53.4 80.0#

167 10.8 29.4 44.0#

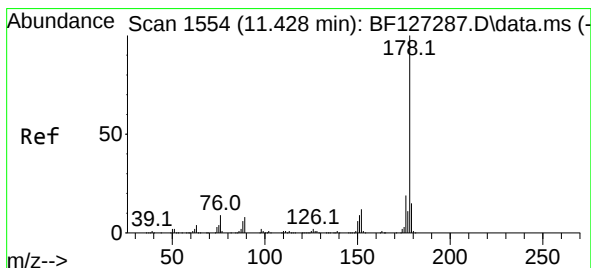
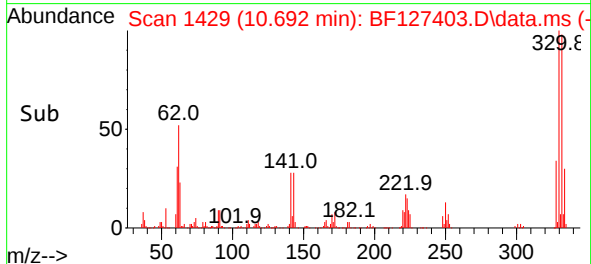
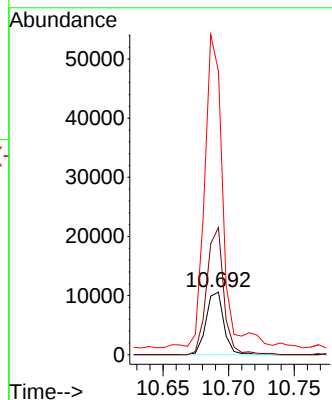
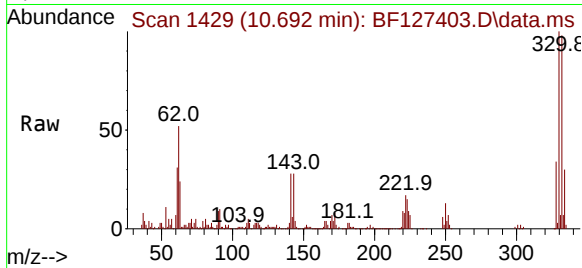




#67
4-Bromophenyl-phenylether
Concen: 3.257 ng
RT: 10.692 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

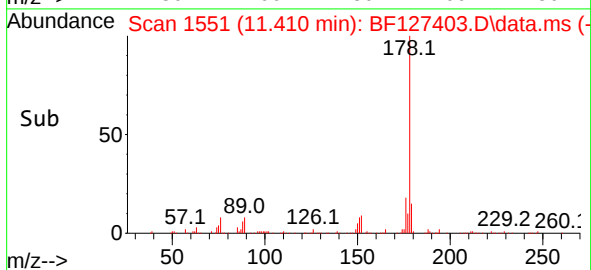
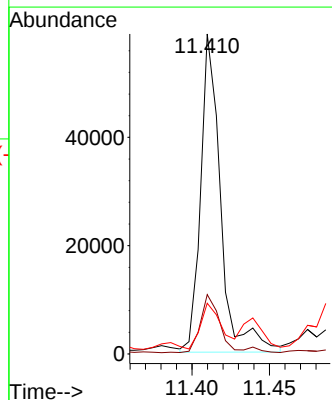
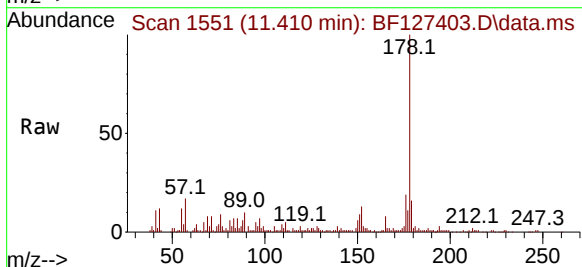
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-28.0-28.5

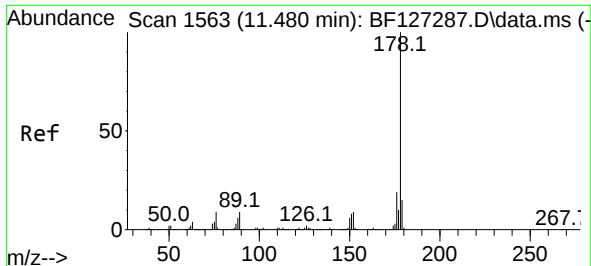
Tgt Ion:248 Resp: 9997
Ion Ratio Lower Upper
248 100
250 203.5 76.2 114.4#
141 453.5 66.2 99.4#



#71
Phenanthrene
Concen: 3.927 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF127403.D
Acq: 18 Mar 2022 20:48

Tgt Ion:178 Resp: 52790
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.8 12.3 18.5

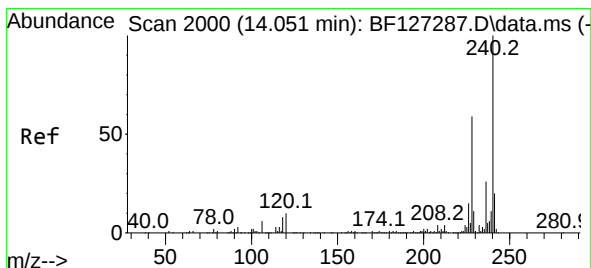
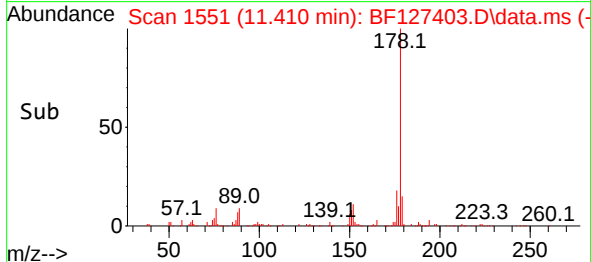
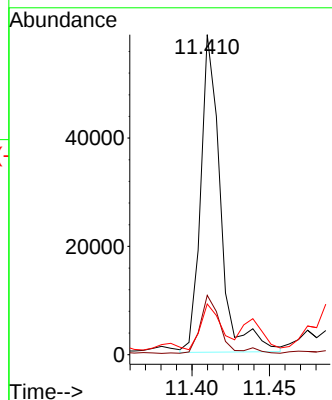
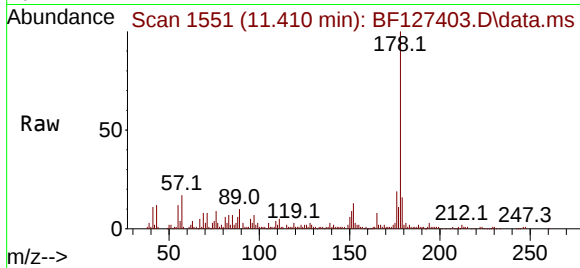




#72
 Anthracene
 Concen: 3.917 ng
 RT: 11.410 min Scan# 11
 Delta R.T. -0.065 min
 Lab File: BF127403.D
 Acq: 18 Mar 2022 20:48

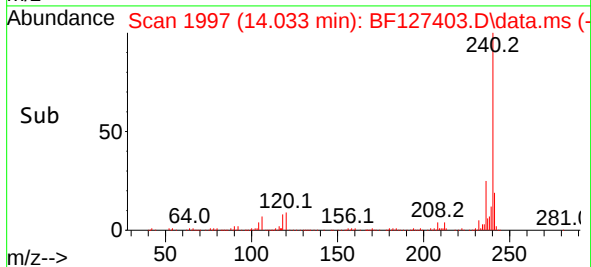
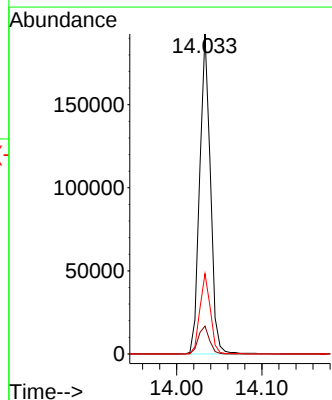
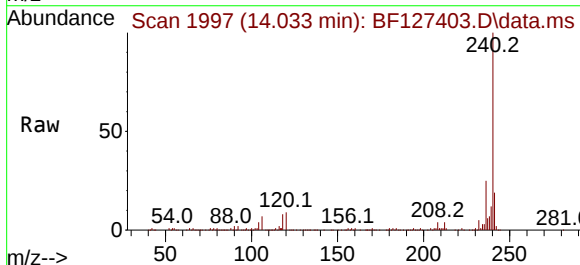
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-28.0-28.5

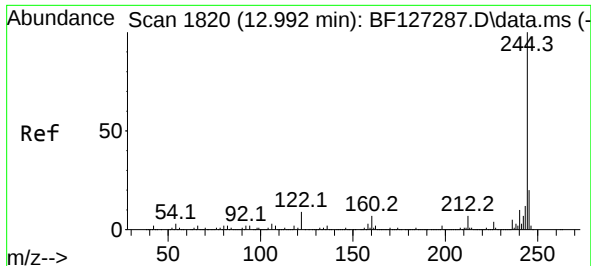
Tgt Ion:178 Resp: 52145
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.6
 179 15.8 12.5 18.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. -0.012 min
 Lab File: BF127403.D
 Acq: 18 Mar 2022 20:48

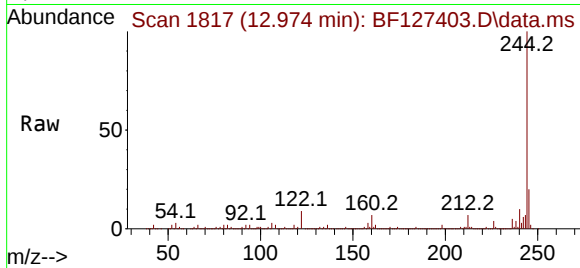
Tgt Ion:240 Resp: 168112
 Ion Ratio Lower Upper
 240 100
 120 8.7 14.4 21.6#
 236 25.1 20.5 30.7



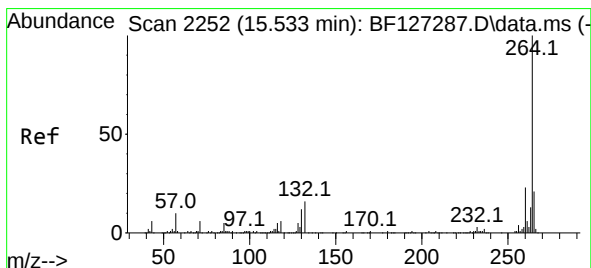
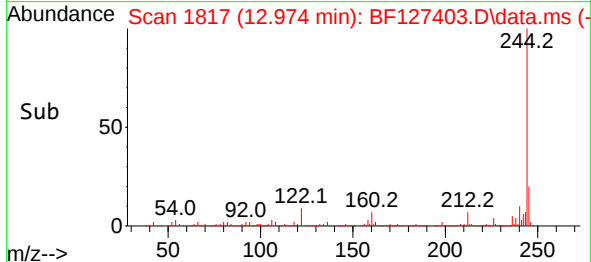
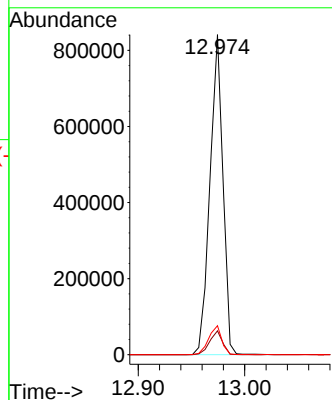


#79
 Terphenyl-d14
 Concen: 73.040 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127403.D
 Acq: 18 Mar 2022 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-28.0-28.5



Tgt Ion:244 Resp: 713083
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 9.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2249
 Delta R.T. -0.006 min
 Lab File: BF127403.D
 Acq: 18 Mar 2022 20:48

Tgt Ion:264 Resp: 147755
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.9 17.4 26.2

