

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127396.D
 Acq On : 18 Mar 2022 17:20
 Operator : CG\JU
 Sample : N1709-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B8-23.5-24.0

Quant Time: Mar 19 01:52:14 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)

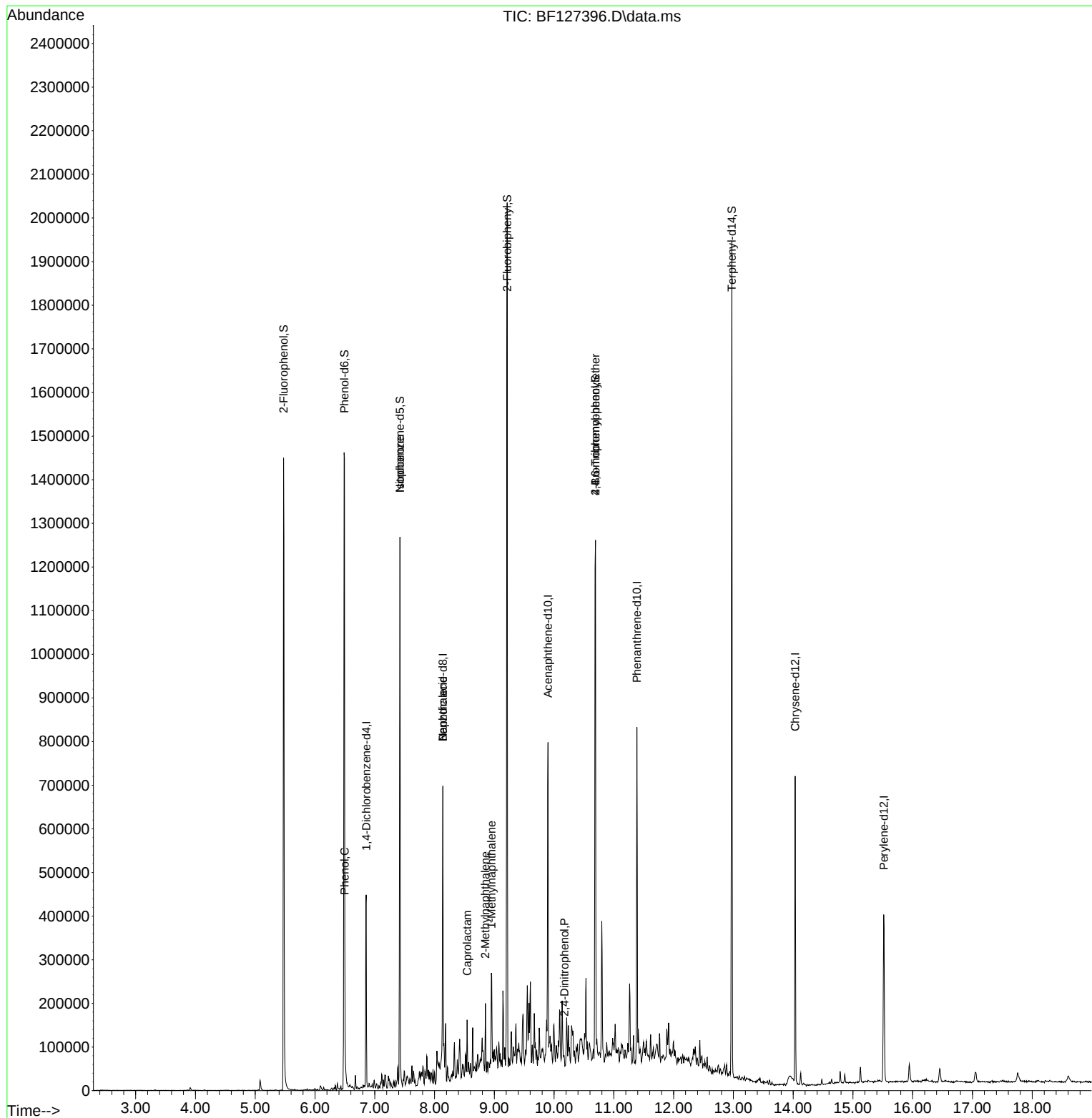
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	59467	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	235641	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	141868	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	249902	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	221492	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	165654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	344227	93.054	ng	0.00
7) Phenol-d6	6.492	99	468467	92.058	ng	0.00
23) Nitrobenzene-d5	7.422	82	339585	59.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	137211	89.845	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	568451	56.649	ng	0.00
79) Terphenyl-d14	12.974	244	621562	48.322	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	177	Below Cal	#	3
10) Phenol	6.498	94	18608	3.329	ng	# 43
25) Isophorone	7.422	82	339564	37.010	ng	# 69
32) Benzoic acid	8.139	122	54	6.643	ng	# 1
35) Caprolactam	8.545	113	2425	2.113	ng	# 1
37) 2-Methylnaphthalene	8.851	142	36231	4.411	ng	93
38) 1-Methylnaphthalene	8.951	142	32595	4.128	ng	97
54) 2,4-Dinitrophenol	10.175	184	343	4.134	ng	# 65
67) 4-Bromophenyl-phenylether	10.692	248	9697	3.219	ng	# 1

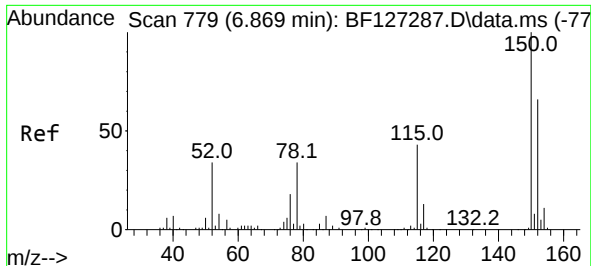
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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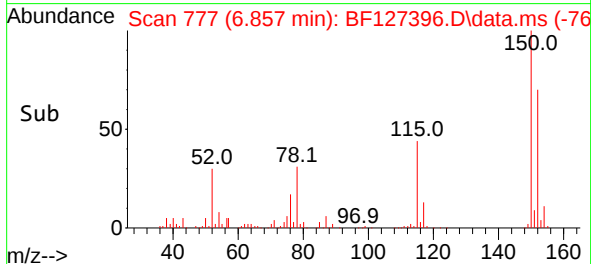
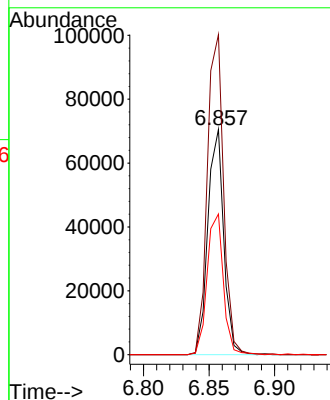
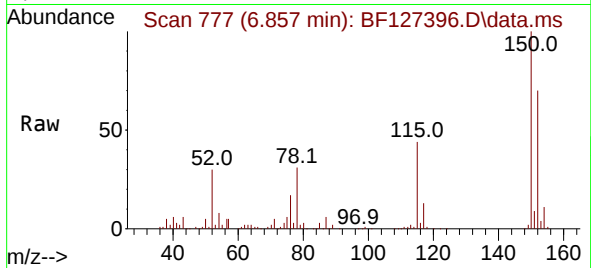




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

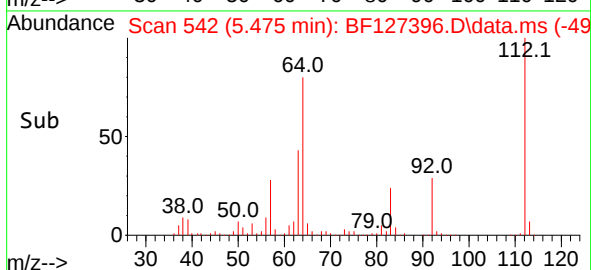
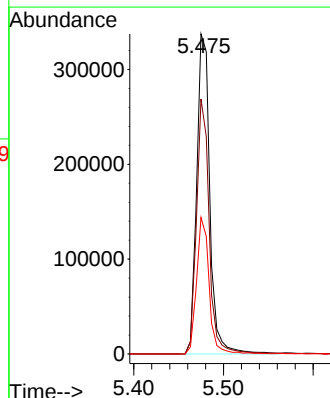
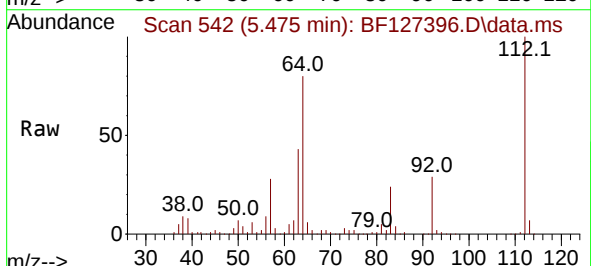
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-23.5-24.0

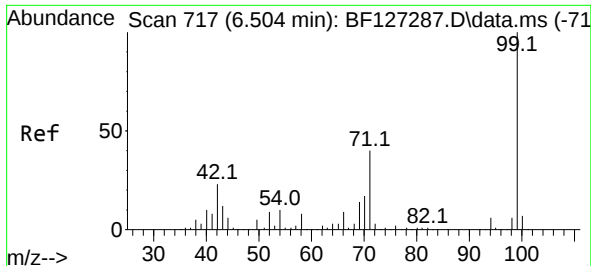
Tgt Ion:152 Resp: 59467
Ion Ratio Lower Upper
152 100
150 142.0 128.1 192.1
115 62.5 56.7 85.1



#5
2-Fluorophenol
Concen: 93.054 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

Tgt Ion:112 Resp: 344227
Ion Ratio Lower Upper
112 100
64 79.7 49.5 74.3#
63 42.7 23.9 35.9#





#7

Phenol-d6

Concen: 92.058 ng

RT: 6.492 min Scan# 715

Delta R.T. -0.006 min

Lab File: BF127396.D

Acq: 18 Mar 2022 17:20

Instrument :

BNA_F

ClientSampleId :

PPSP-B8-23.5-24.0

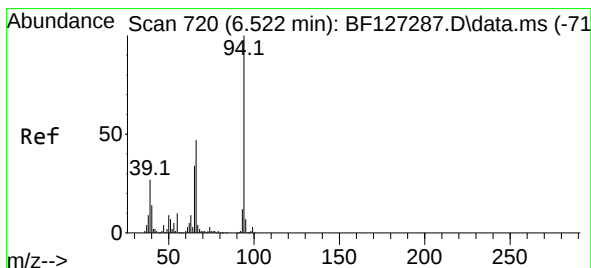
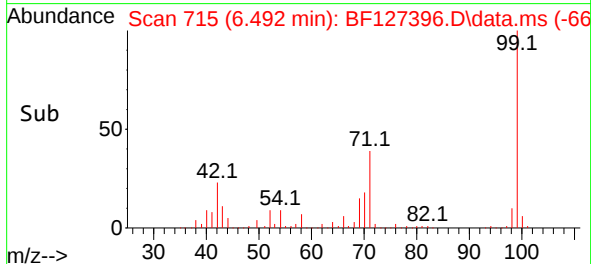
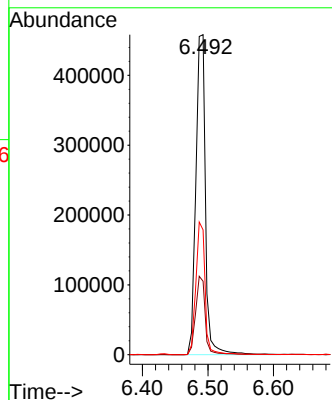
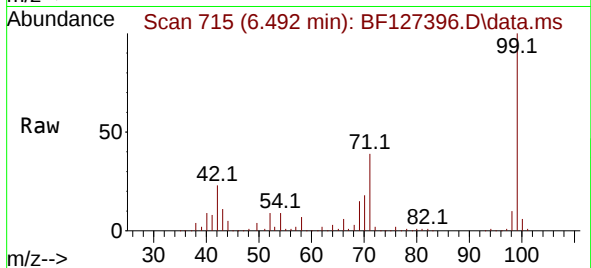
Tgt Ion: 99 Resp: 468467

Ion Ratio Lower Upper

99 100

42 23.0 14.2 21.4#

71 39.0 24.3 36.5#



#10

Phenol

Concen: 3.329 ng

RT: 6.498 min Scan# 716

Delta R.T. -0.018 min

Lab File: BF127396.D

Acq: 18 Mar 2022 17:20

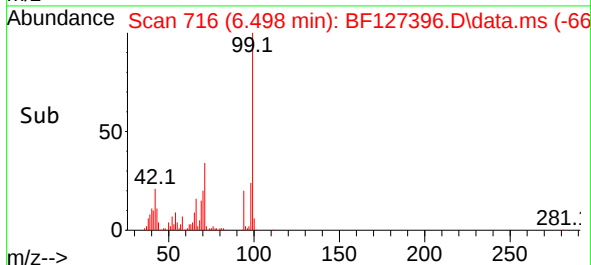
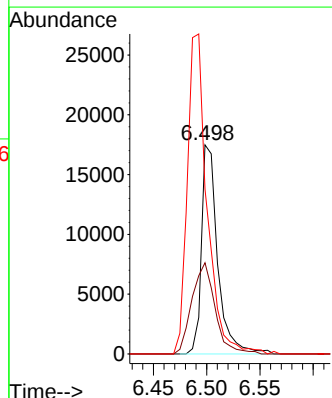
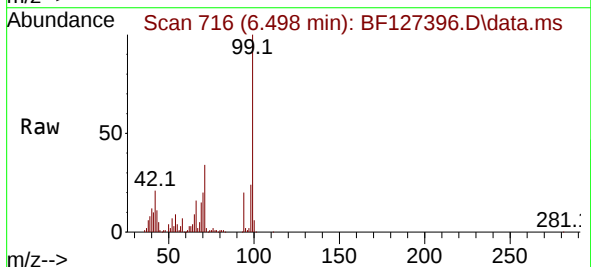
Tgt Ion: 94 Resp: 18608

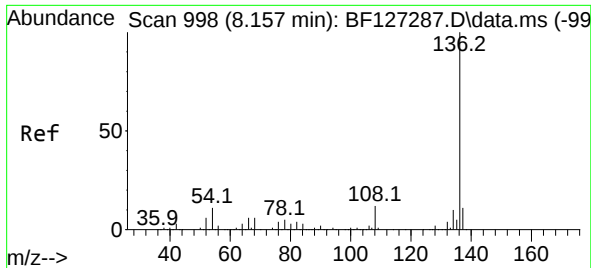
Ion Ratio Lower Upper

94 100

65 43.6 7.2 47.2

66 78.8 14.5 54.5#



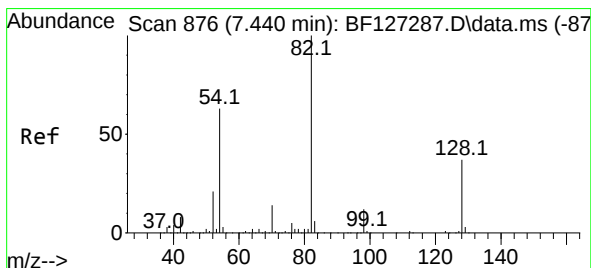
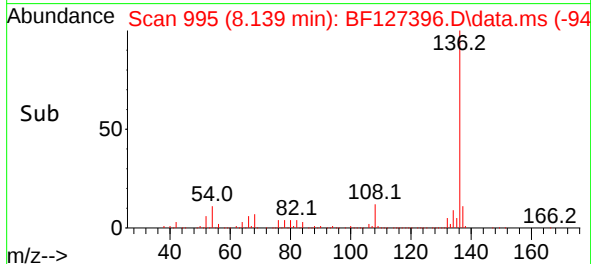
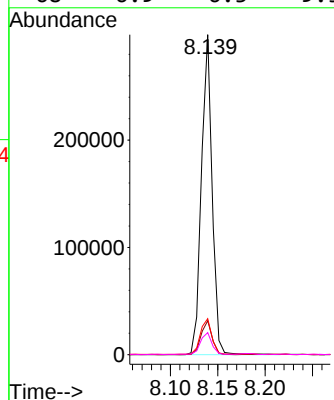
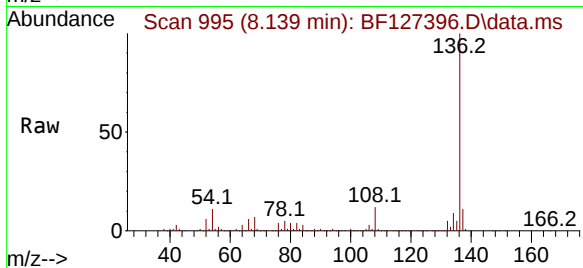


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

Instrument :
BNA_F
ClientSampleId :
PPSP-B8-23.5-24.0

Tgt Ion:136 Resp: 235641

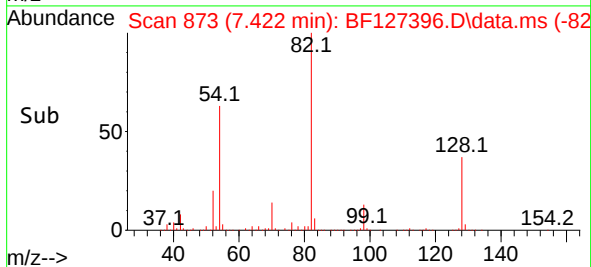
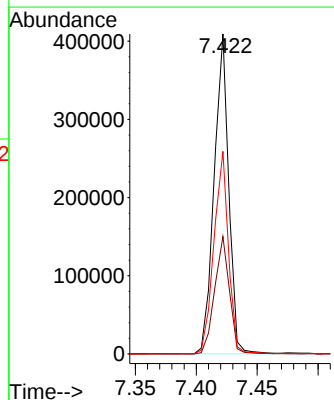
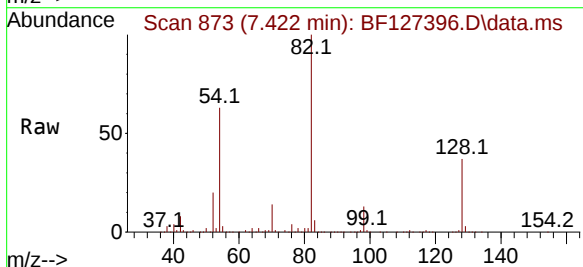
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	11.3	7.8	11.6
68	6.9	6.3	9.5

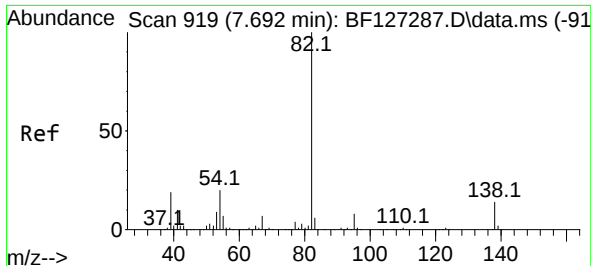


#23
Nitrobenzene-d5
Concen: 59.515 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

Tgt Ion: 82 Resp: 339585

Ion	Ratio	Lower	Upper
82	100		
128	36.7	32.7	49.1
54	63.3	41.7	62.5





#25

Isophorone

Concen: 37.010 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF127396.D

Acq: 18 Mar 2022 17:20

Instrument :

BNA_F

ClientSampleId :

PPSP-B8-23.5-24.0

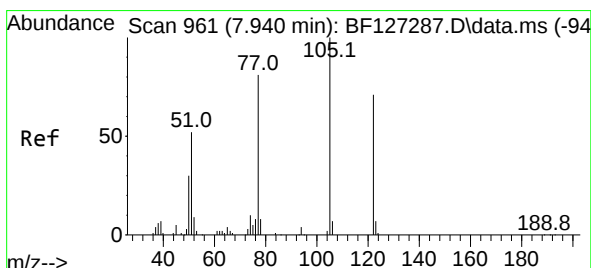
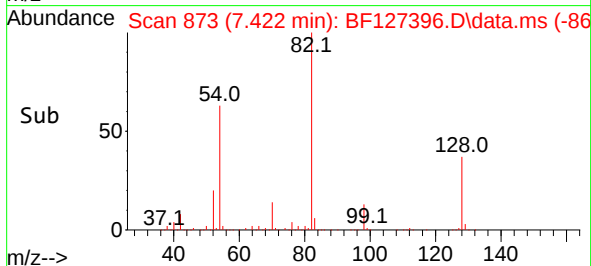
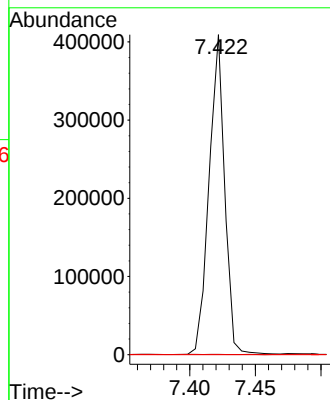
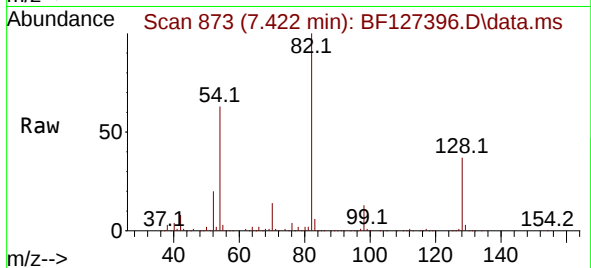
Tgt Ion: 82 Resp: 339564

Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#



#32

Benzoic acid

Concen: 6.643 ng

RT: 8.139 min Scan# 995

Delta R.T. 0.188 min

Lab File: BF127396.D

Acq: 18 Mar 2022 17:20

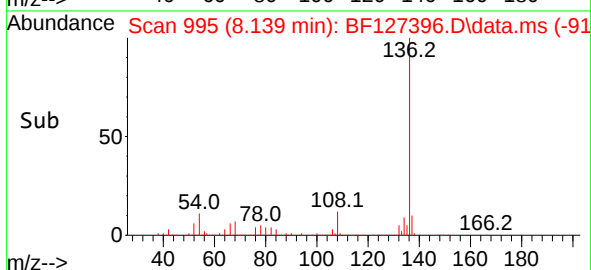
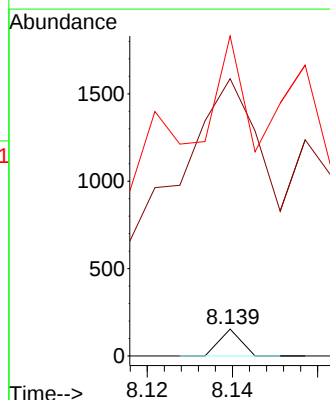
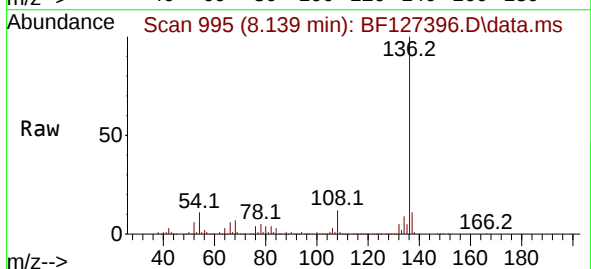
Tgt Ion:122 Resp: 54

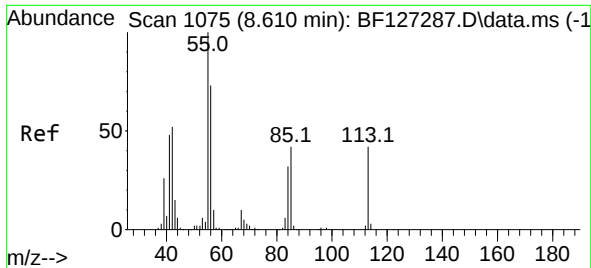
Ion Ratio Lower Upper

122 100

105 1030.5 101.0 141.0#

77 1189.0 74.5 114.5#

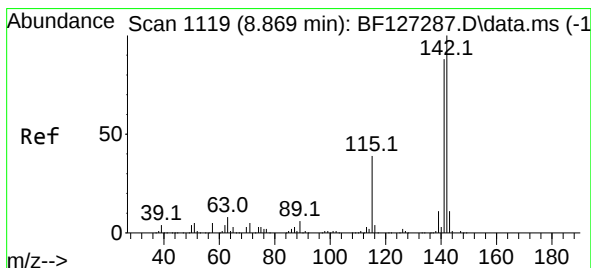
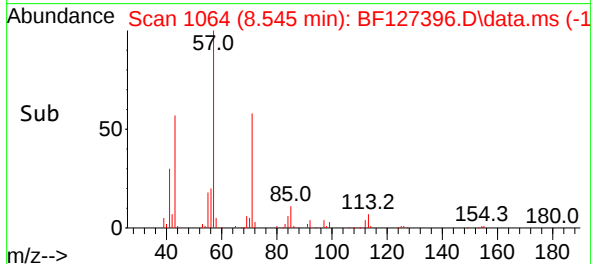
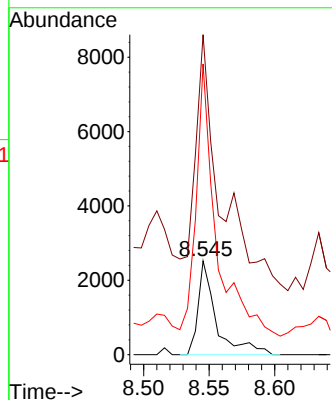
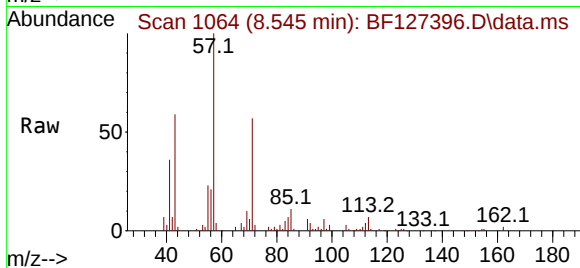




#35
 Caprolactam
 Concen: 2.113 ng
 RT: 8.545 min Scan# 1106
 Delta R.T. -0.059 min
 Lab File: BF127396.D
 Acq: 18 Mar 2022 17:20

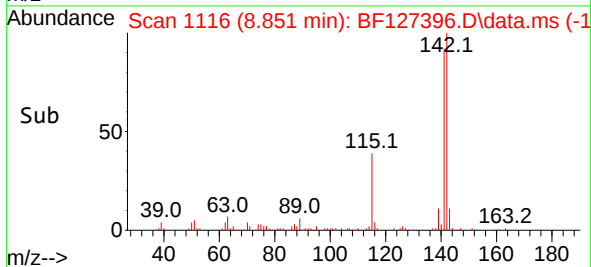
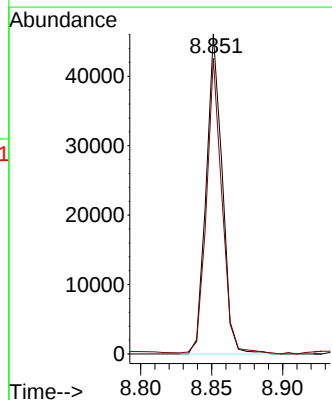
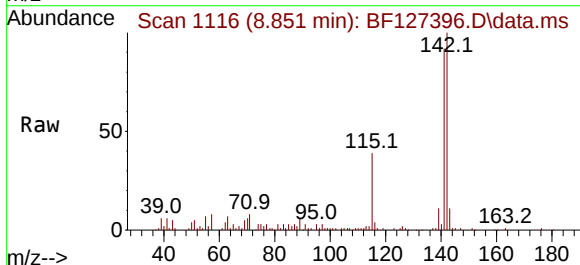
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B8-23.5-24.0

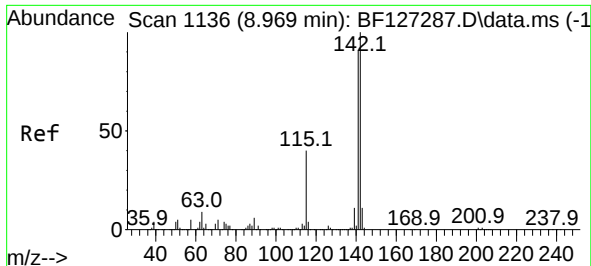
Tgt Ion:113 Resp: 2425
 Ion Ratio Lower Upper
 113 100
 55 341.5 183.9 223.9#
 56 310.2 129.9 169.9#



#37
 2-Methylnaphthalene
 Concen: 4.411 ng
 RT: 8.851 min Scan# 1116
 Delta R.T. -0.006 min
 Lab File: BF127396.D
 Acq: 18 Mar 2022 17:20

Tgt Ion:142 Resp: 36231
 Ion Ratio Lower Upper
 142 100
 141 92.4 68.6 102.8

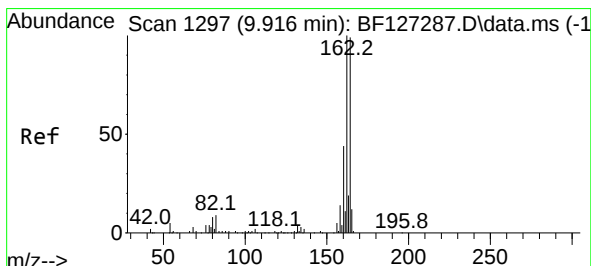
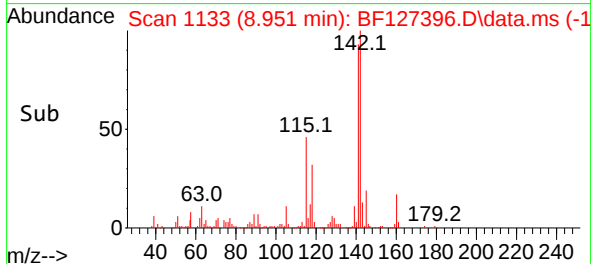
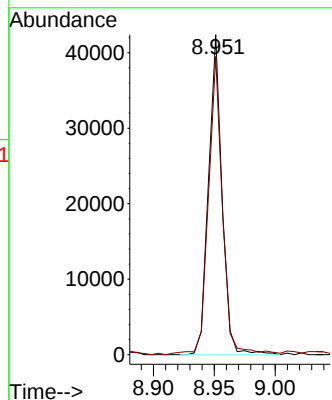
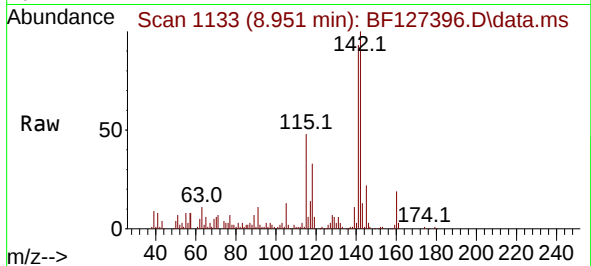




#38
1-Methylnaphthalene
Concen: 4.128 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

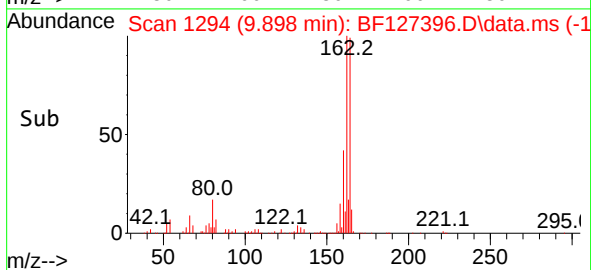
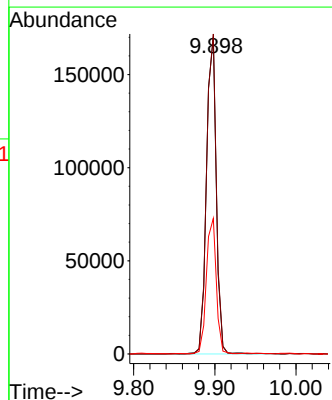
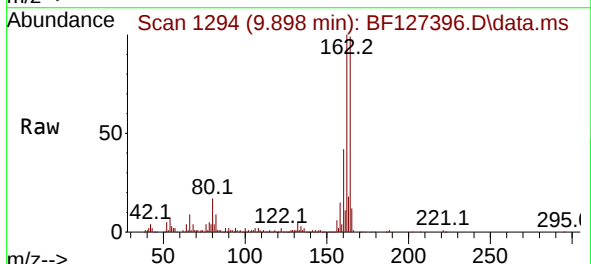
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BNA_F
ClientSampleId :
PPSP-B8-23.5-24.0

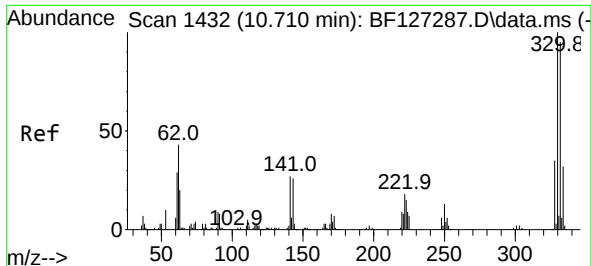
Tgt Ion:142 Resp: 32595
Ion Ratio Lower Upper
142 100
141 93.2 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

Tgt Ion:164 Resp: 141868
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 42.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 89.845 ng

RT: 10.692 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127396.D

Acq: 18 Mar 2022 17:20

Instrument :

BNA_F

ClientSampleId :

PPSP-B8-23.5-24.0

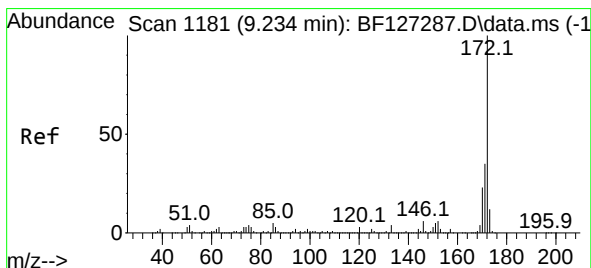
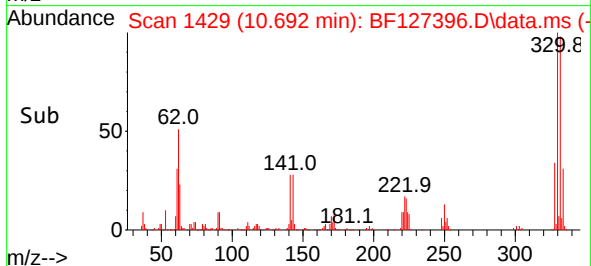
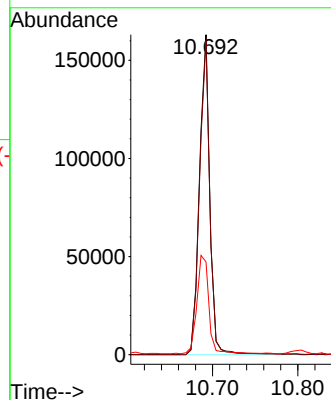
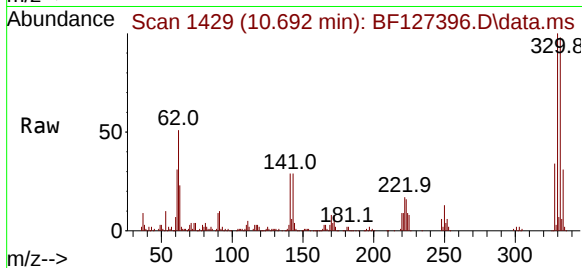
Tgt Ion:330 Resp: 137211

Ion Ratio Lower Upper

330 100

332 97.6 76.0 114.0

141 35.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 56.649 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127396.D

Acq: 18 Mar 2022 17:20

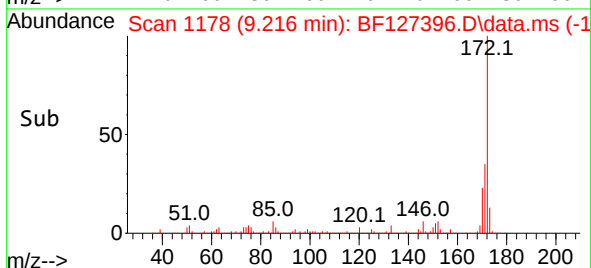
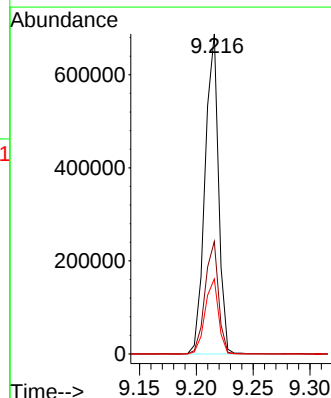
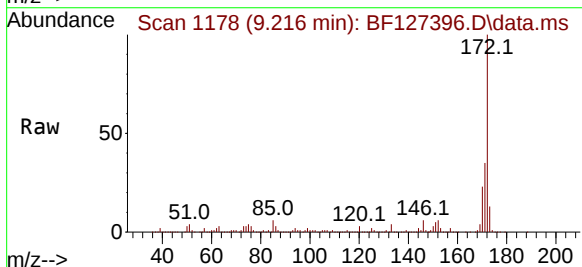
Tgt Ion:172 Resp: 568451

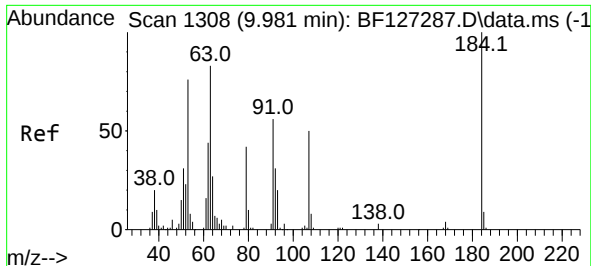
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6

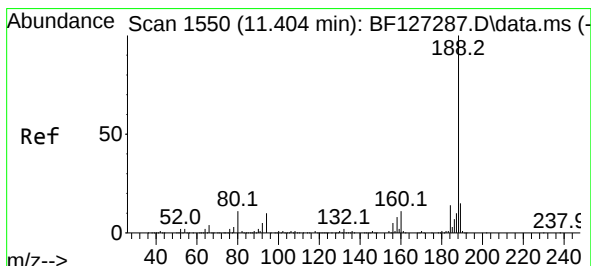
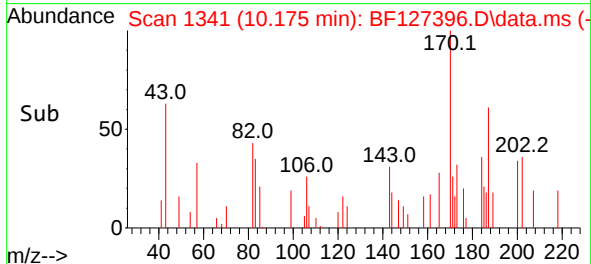
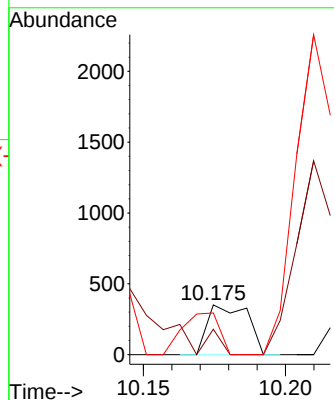
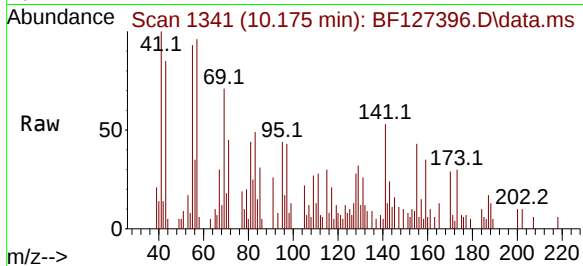




#54
2,4-Dinitrophenol
Concen: 4.134 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

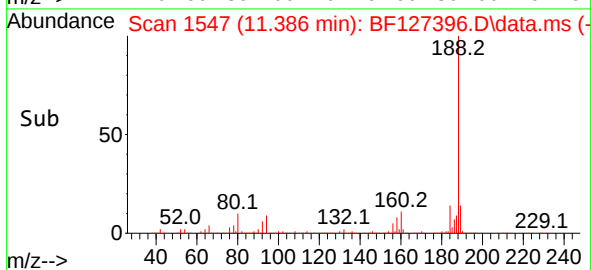
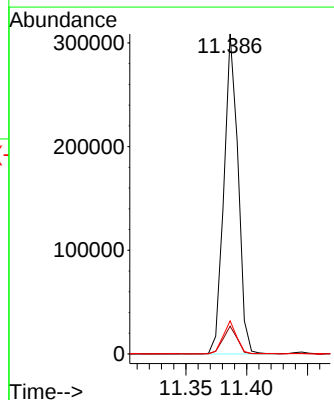
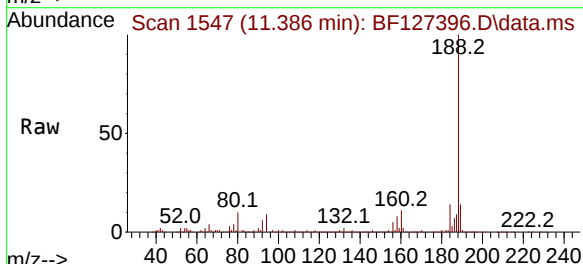
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-23.5-24.0

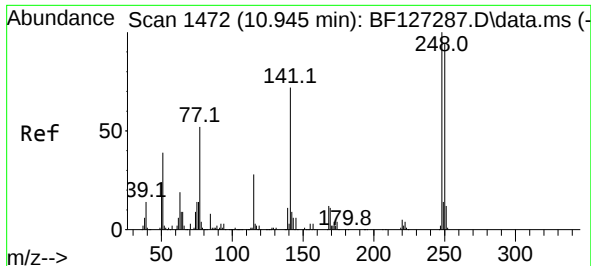
Tgt Ion:184 Resp: 343
Ion Ratio Lower Upper
184 100
63 51.0 70.4 105.6#
154 84.0 49.7 74.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

Tgt Ion:188 Resp: 249902
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 10.4 11.8 17.6#

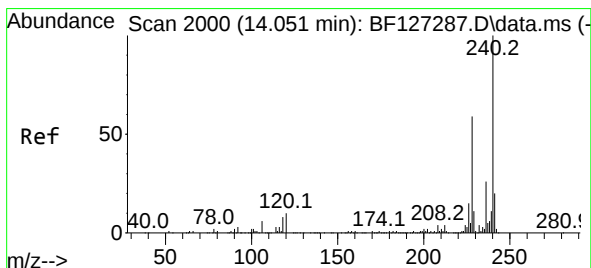
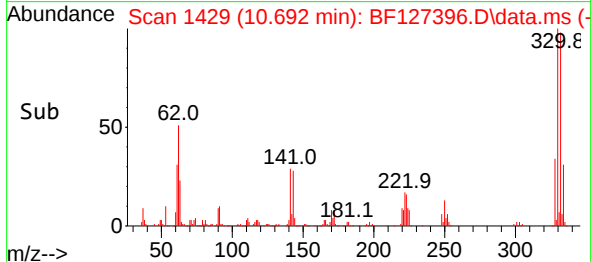
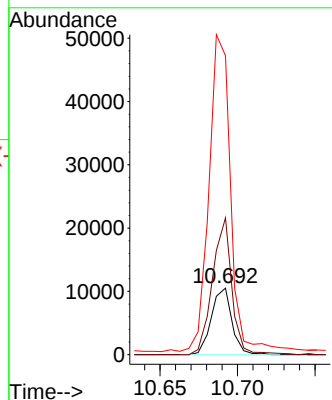
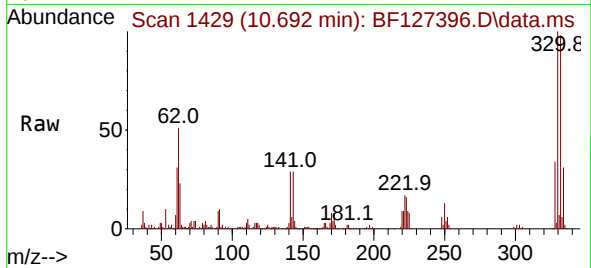




#67
4-Bromophenyl-phenylether
Concen: 3.219 ng
RT: 10.692 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

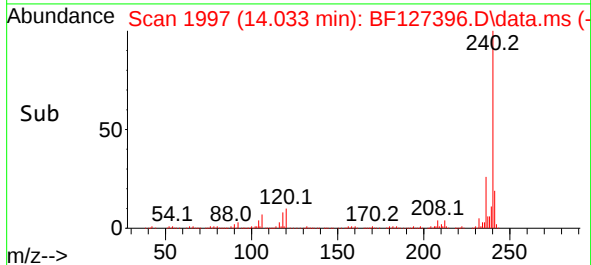
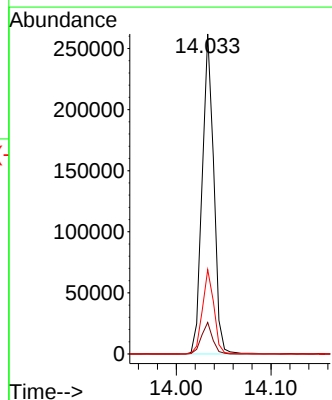
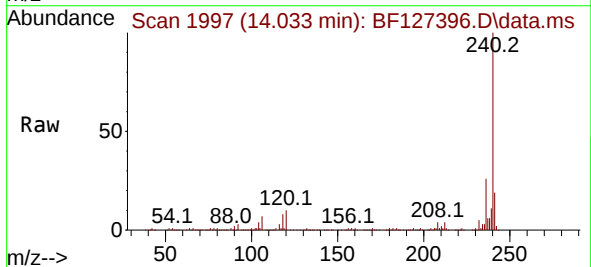
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-23.5-24.0

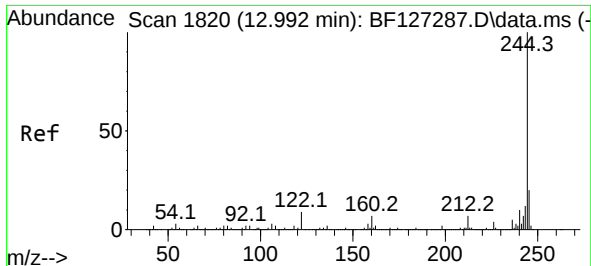
Tgt Ion:248 Resp: 9697
Ion Ratio Lower Upper
248 100
250 205.6 76.2 114.4#
141 449.6 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF127396.D
Acq: 18 Mar 2022 17:20

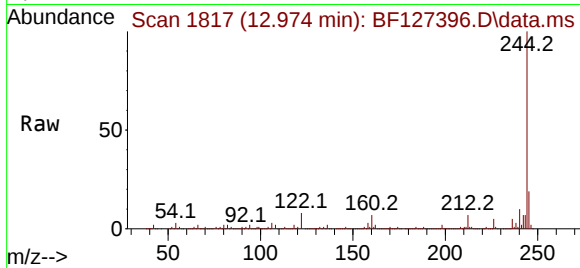
Tgt Ion:240 Resp: 221492
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 26.3 20.5 30.7



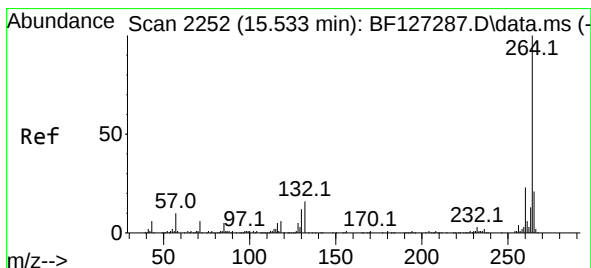
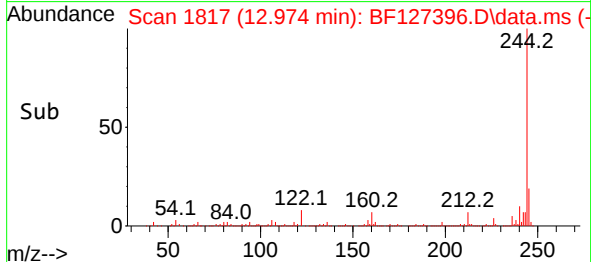
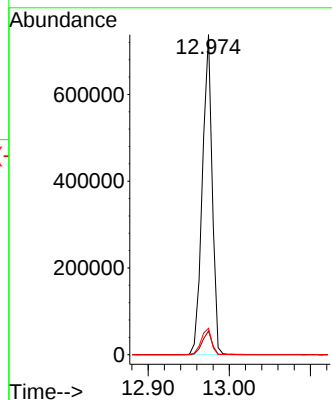


#79
 Terphenyl-d14
 Concen: 48.322 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127396.D
 Acq: 18 Mar 2022 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B8-23.5-24.0



Tgt Ion:244 Resp: 621562
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 8.3 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: BF127396.D
 Acq: 18 Mar 2022 17:20

Tgt Ion:264 Resp: 165654
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.2 17.4 26.2

