

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127511.D
 Acq On : 24 Mar 2022 19:18
 Operator : CG\JU
 Sample : N2090-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-47

Quant Time: Mar 25 02:16:09 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 22 02:16:33 2022
 Response via : Initial Calibration

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

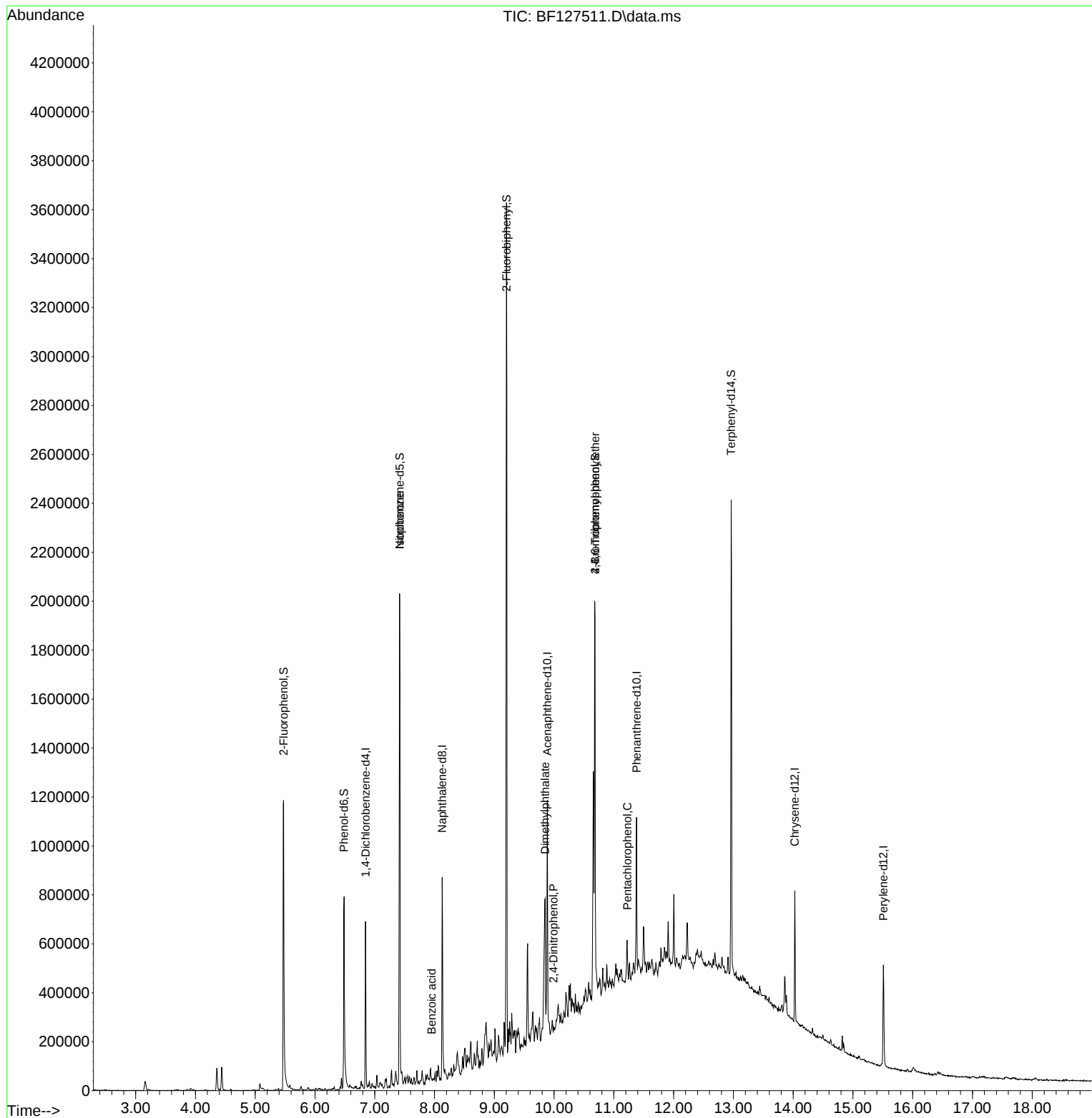
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	85167	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	303609	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	161135	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	218881	20.000	ng	0.00
76) Chrysene-d12	14.027	240	175949	20.000	ng	0.00
86) Perylene-d12	15.509	264	184942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	351499	65.879	ng	0.00
7) Phenol-d6	6.487	99	302449	41.470	ng	0.00
23) Nitrobenzene-d5	7.416	82	666731	93.870	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	209946	122.311	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1094442	99.180	ng	0.00
79) Terphenyl-d14	12.963	244	722577	67.228	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.439	77	259	Below Cal	#	7
25) Isophorone	7.416	82	666731	58.937	ng	# 70
32) Benzoic acid	7.951	122	208	6.116	ng	# 1
50) Dimethylphthalate	9.851	163	289105	25.790	ng	# 94
54) 2,4-Dinitrophenol	9.992	184	214	8.861	ng	# 1
55) Dibenzofuran	10.092	168	3259	Below Cal	#	57
58) Fluorene	10.433	166	2415	Below Cal	#	75
67) 4-Bromophenyl-phenylether	10.686	248	13838	5.415	ng	# 1
70) Pentachlorophenol	11.227	266	60	6.793	ng	# 20

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

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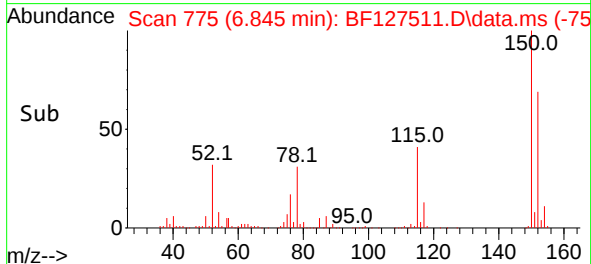
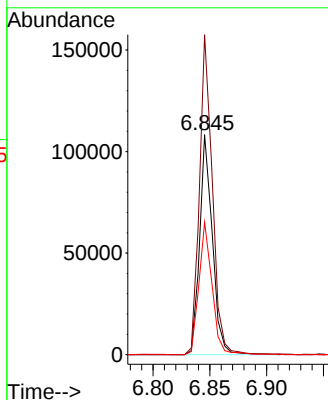
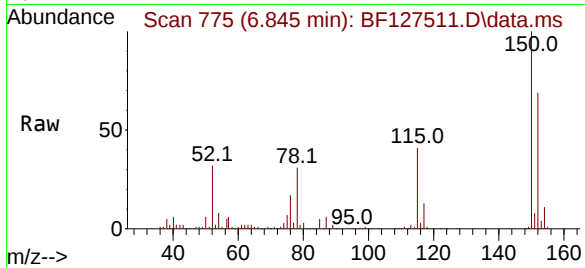




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

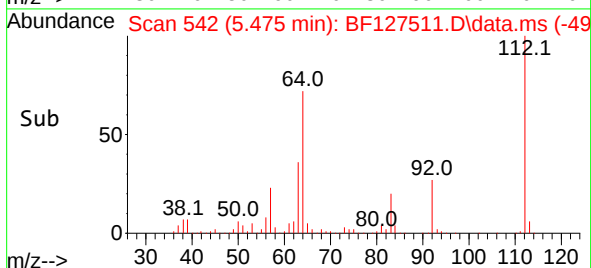
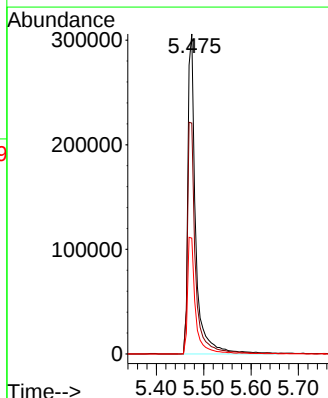
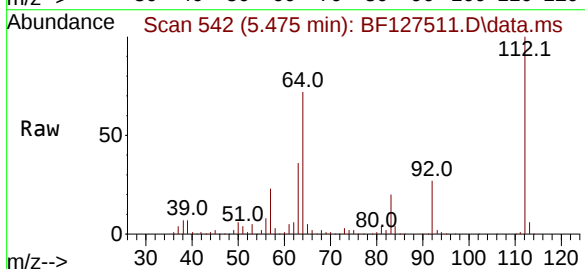
Instrument :
BNA_F
ClientSampleId :
MW-47

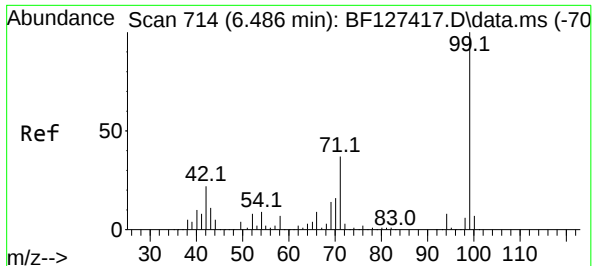
Tgt Ion:152 Resp: 85167
Ion Ratio Lower Upper
152 100
150 145.5 117.2 175.8
115 60.2 49.8 74.6



#5
2-Fluorophenol
Concen: 65.879 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion:112 Resp: 351499
Ion Ratio Lower Upper
112 100
64 72.1 58.4 87.6
63 36.2 30.1 45.1

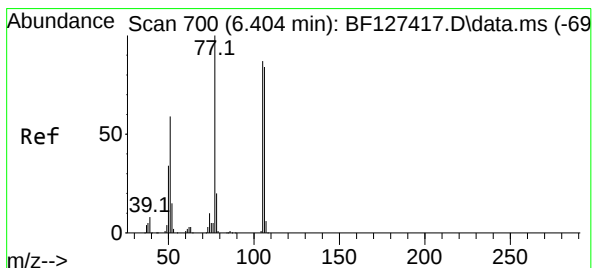
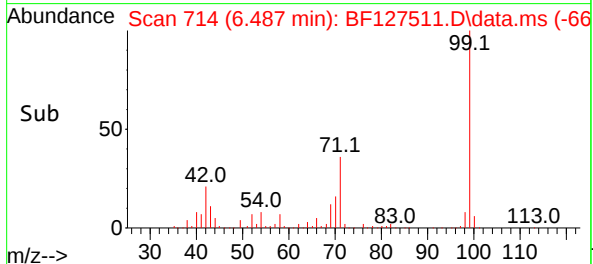
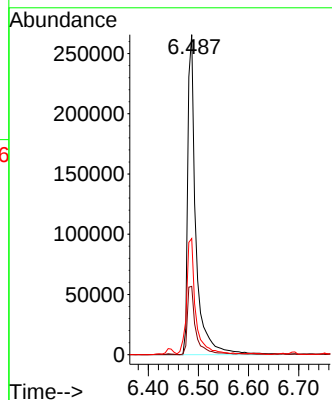
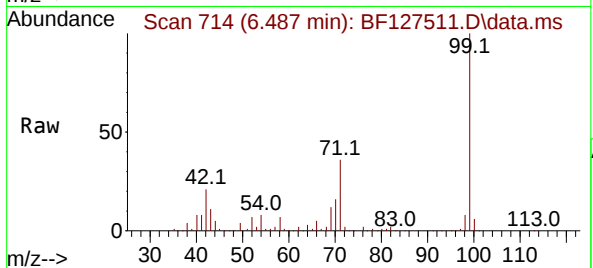




#7
Phenol-d6
Concen: 41.470 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

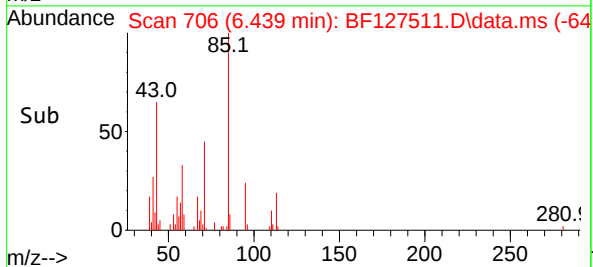
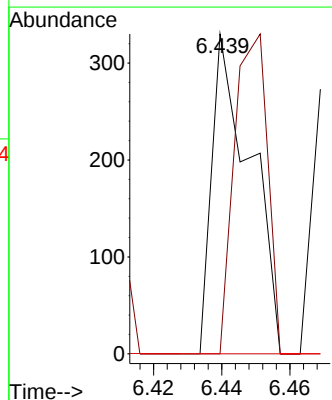
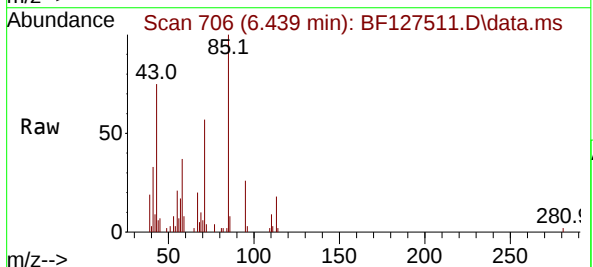
Instrument :
BNA_F
ClientSampleId :
MW-47

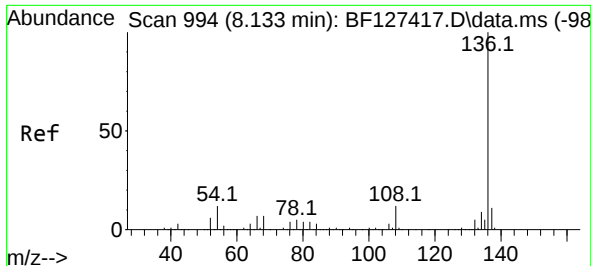
Tgt Ion: 99 Resp: 302449
Ion Ratio Lower Upper
99 100
42 21.3 17.8 26.6
71 36.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 706
Delta R.T. 0.035 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion: 77 Resp: 259
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

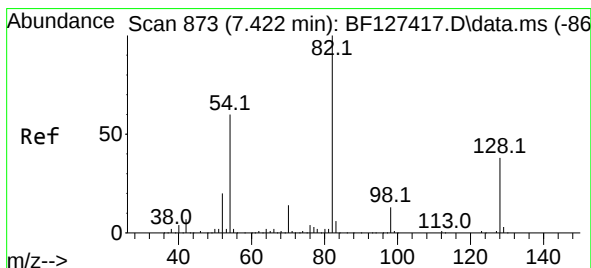
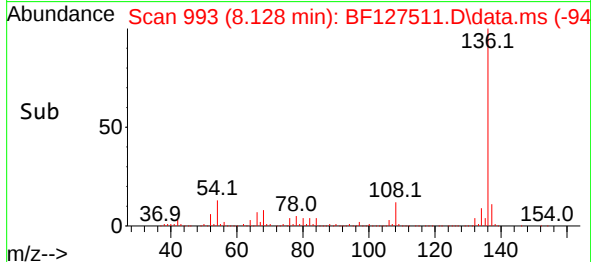
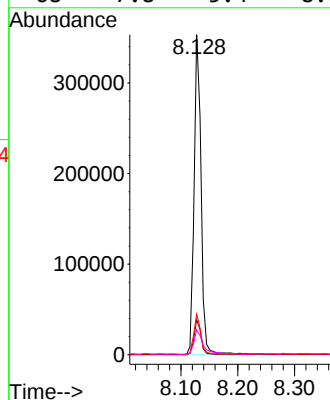
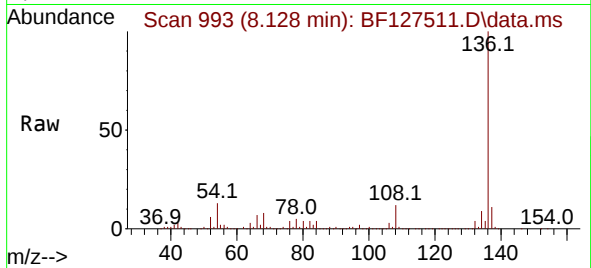




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

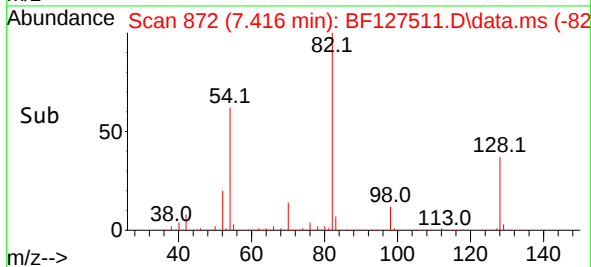
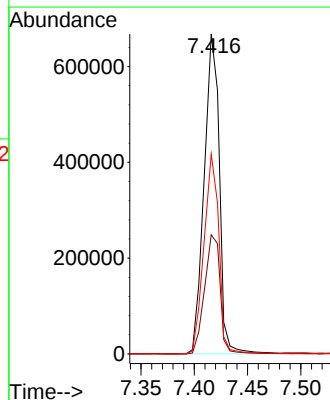
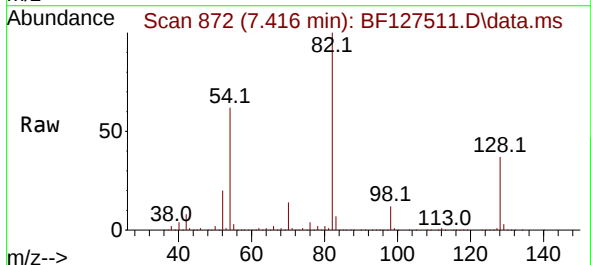
Instrument :
BNA_F
ClientSampleId :
MW-47

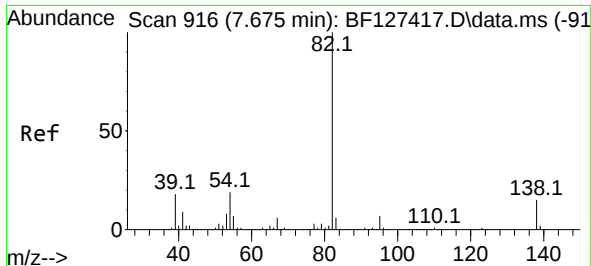
Tgt Ion:136 Resp: 303609
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.7 9.2 13.8
68 7.8 5.4 8.0



#23
Nitrobenzene-d5
Concen: 93.870 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion: 82 Resp: 666731
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 62.4 48.2 72.2

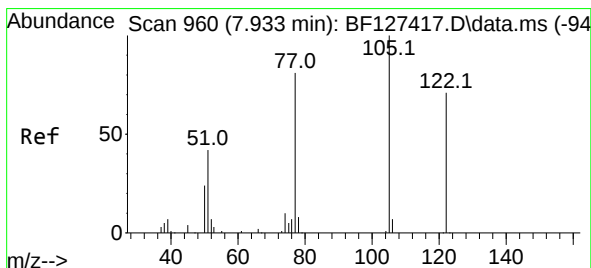
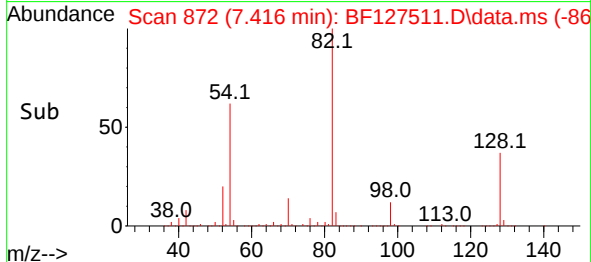
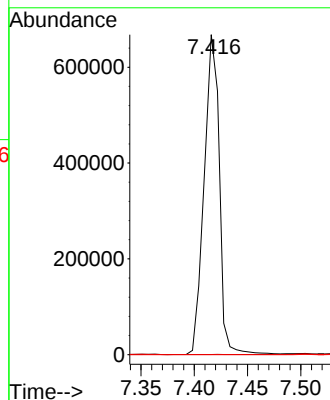
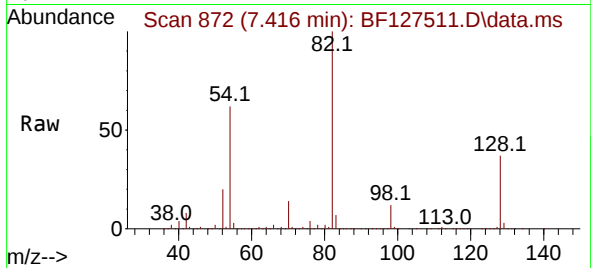




#25
Isophorone
Concen: 58.937 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

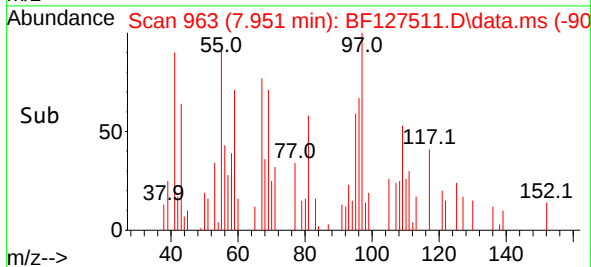
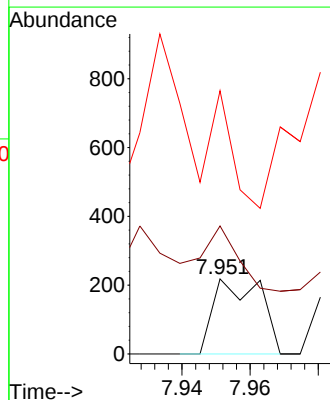
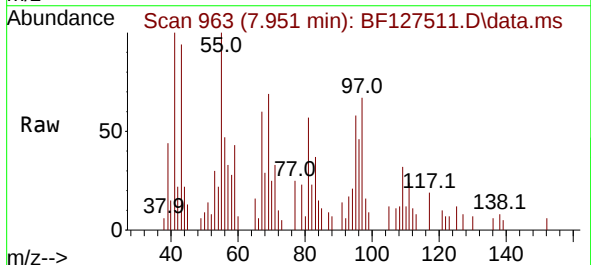
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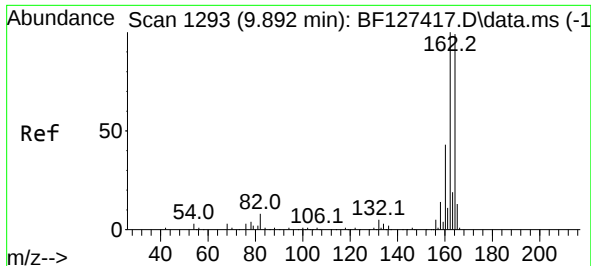
Tgt Ion: 82 Resp: 666731
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.116 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.018 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion:122 Resp: 208
Ion Ratio Lower Upper
122 100
105 170.6 117.1 157.1#
77 350.9 93.0 133.0#

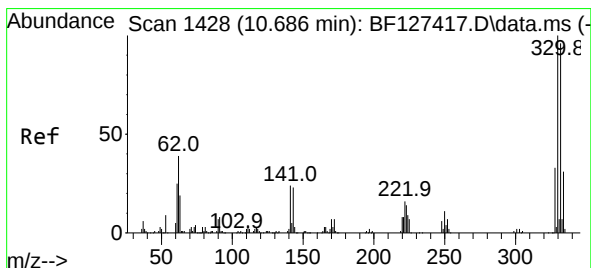
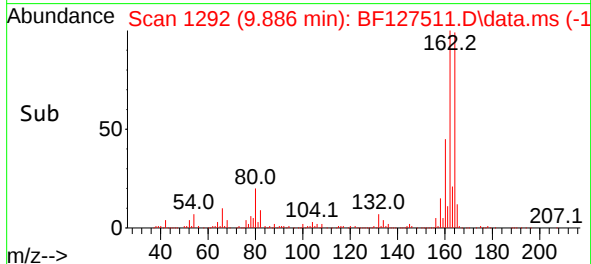
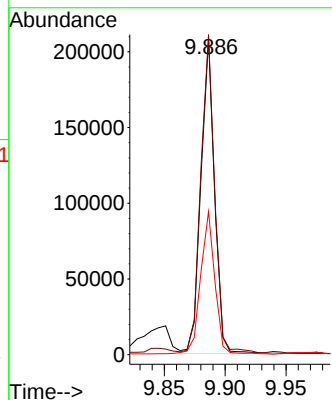
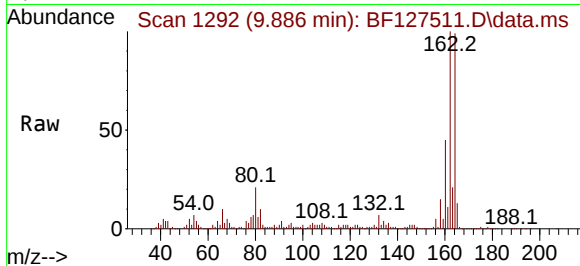




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

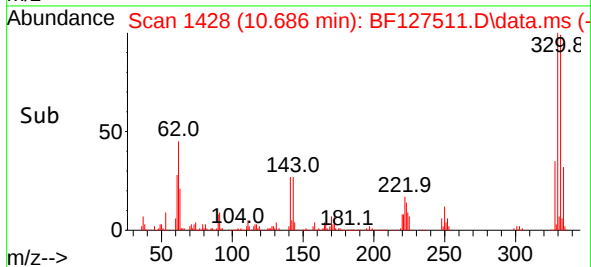
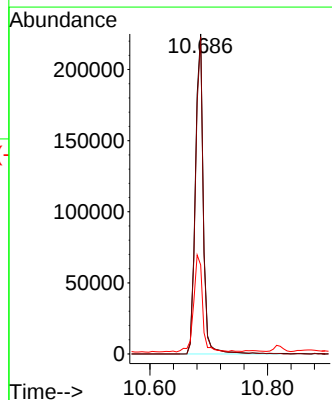
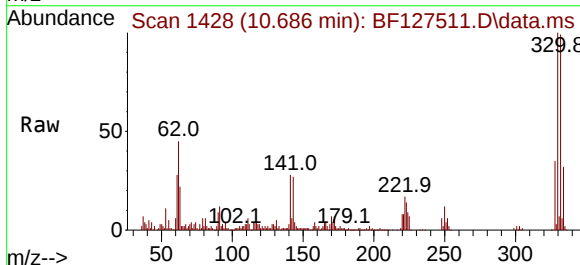
Instrument :
BNA_F
ClientSampleId :
MW-47

Tgt Ion:164 Resp: 161135
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.3 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 122.311 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion:330 Resp: 209946
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 34.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 99.180 ng

RT: 9.204 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127511.D

Acq: 24 Mar 2022 19:18

Instrument :

BNA_F

ClientSampleId :

MW-47

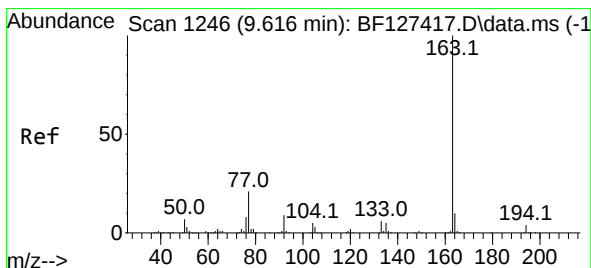
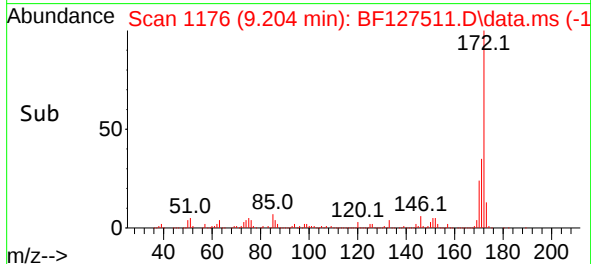
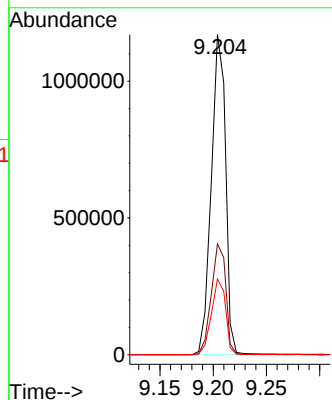
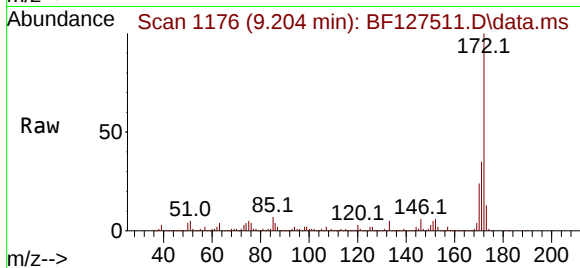
Tgt Ion:172 Resp: 1094442

Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.6 18.6 27.8



#50

Dimethylphthalate

Concen: 25.790 ng

RT: 9.851 min Scan# 1286

Delta R.T. 0.235 min

Lab File: BF127511.D

Acq: 24 Mar 2022 19:18

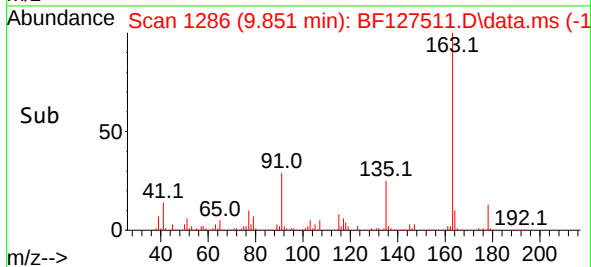
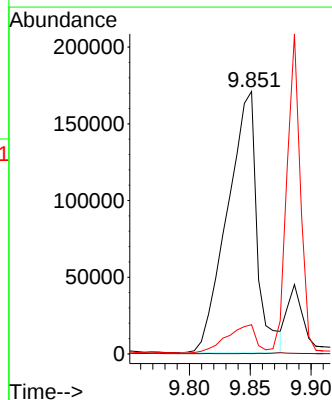
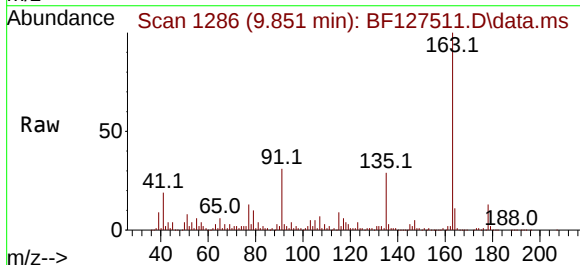
Tgt Ion:163 Resp: 289105

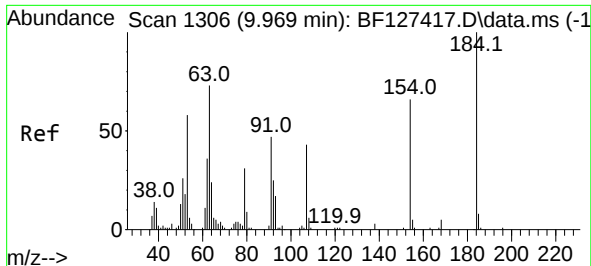
Ion Ratio Lower Upper

163 100

194 0.1 3.3 4.9

164 11.1 7.8 11.8

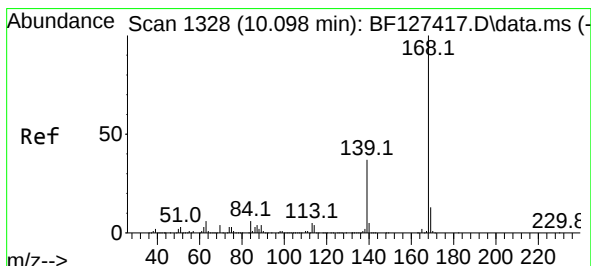
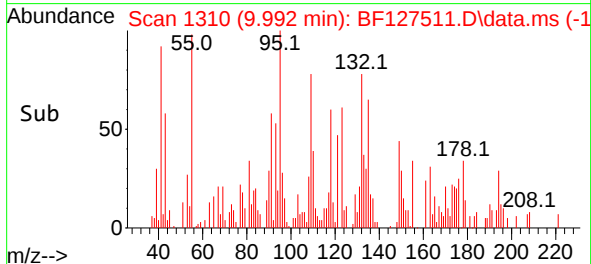
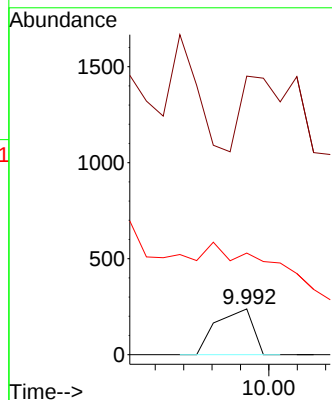
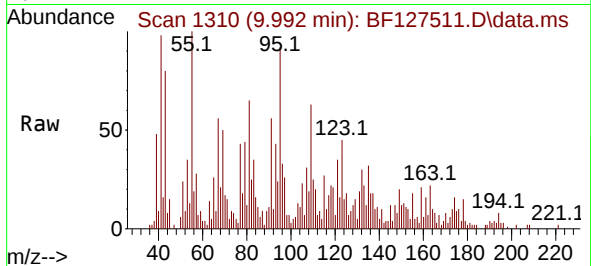




#54
2,4-Dinitrophenol
Concen: 8.861 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

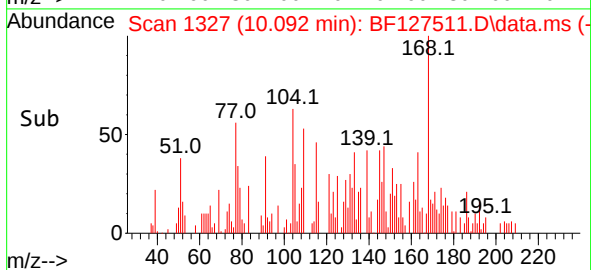
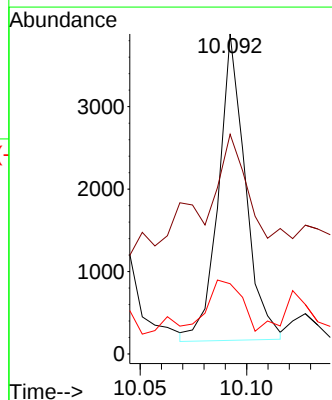
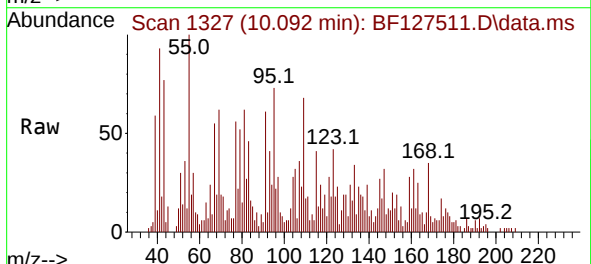
Instrument :
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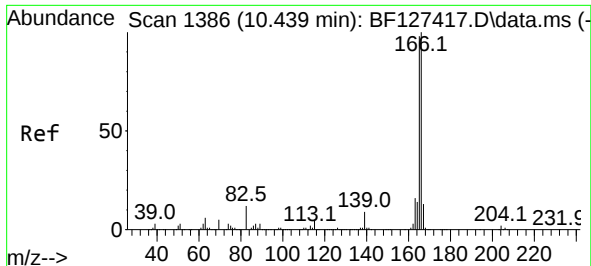
Tgt Ion:184 Resp: 214
Ion Ratio Lower Upper
184 100
63 609.7 58.1 87.1#
154 222.3 53.2 79.8#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion:168 Resp: 3259
Ion Ratio Lower Upper
168 100
139 68.7 30.3 45.5#
169 21.9 10.8 16.2#

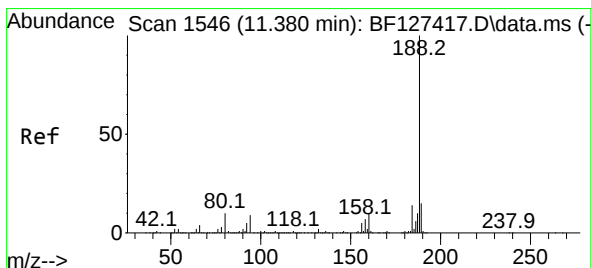
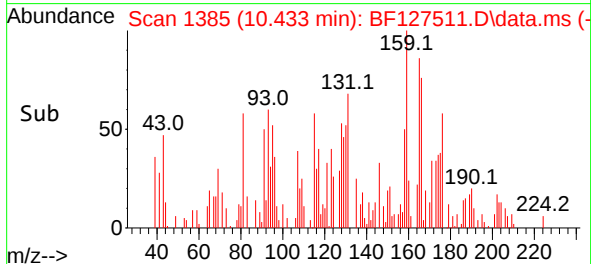
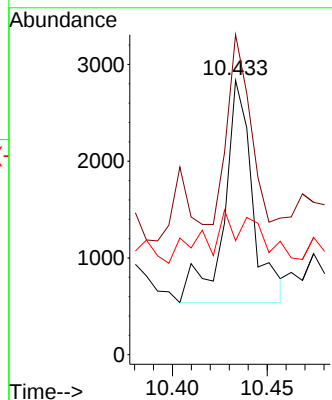
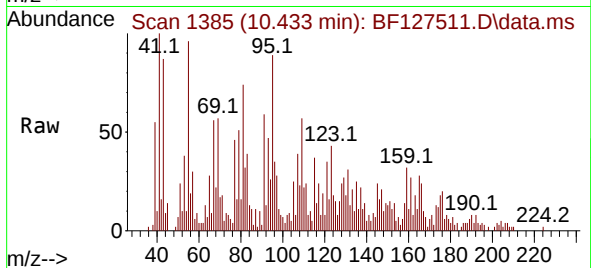




#58
Fluorene
Concen: Below Cal
RT: 10.433 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

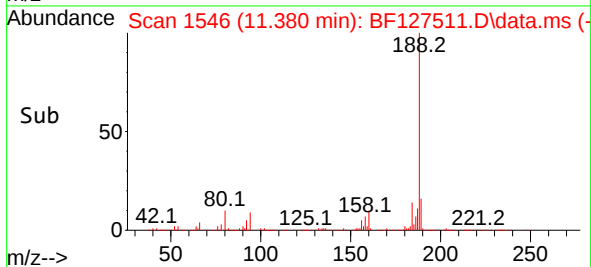
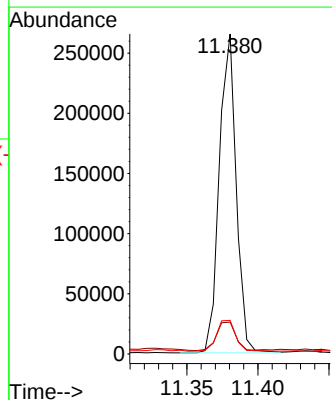
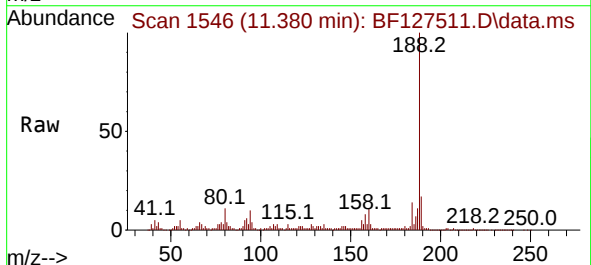
Instrument :
BNA_F
ClientSampleId :
MW-47

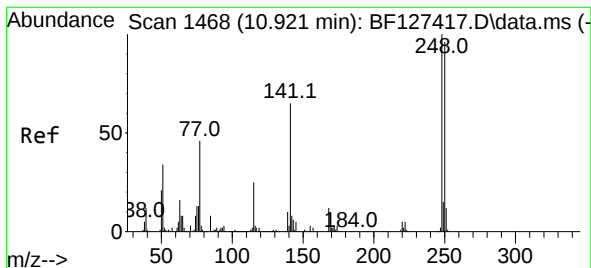
Tgt Ion:166 Resp: 2415
Ion Ratio Lower Upper
166 100
165 116.6 78.1 117.1
167 41.5 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion:188 Resp: 218881
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.5 8.0 12.0

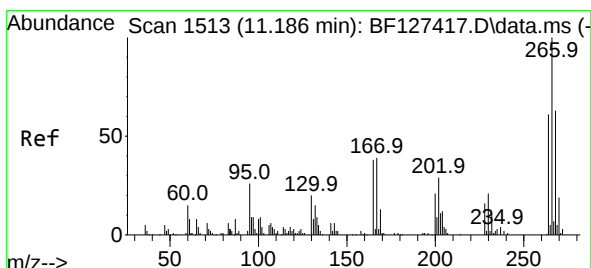
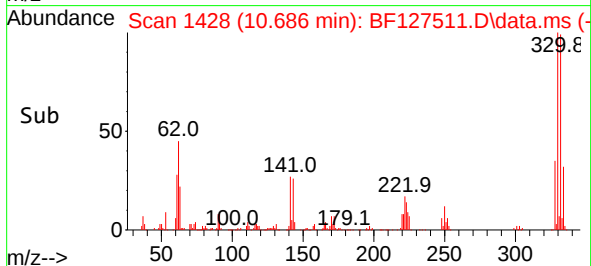
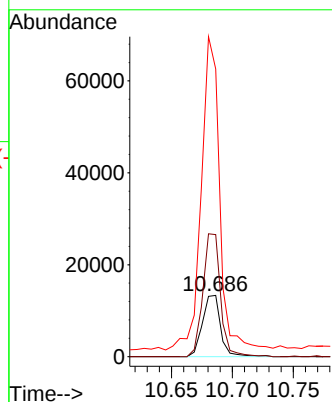
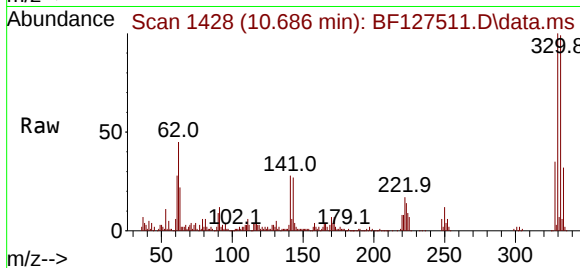




#67
4-Bromophenyl-phenylether
Concen: 5.415 ng
RT: 10.686 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

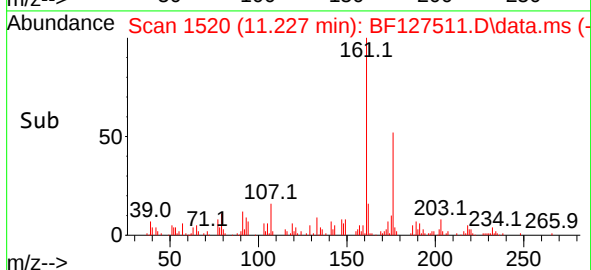
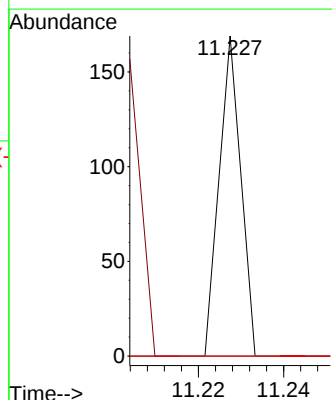
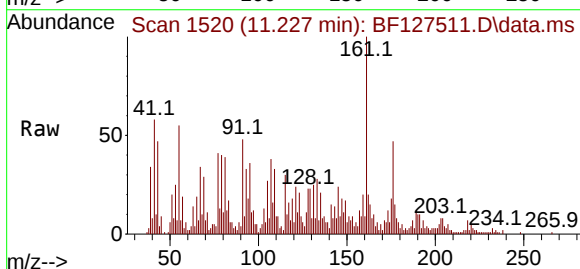
Instrument :
BNA_F
ClientSampleId :
MW-47

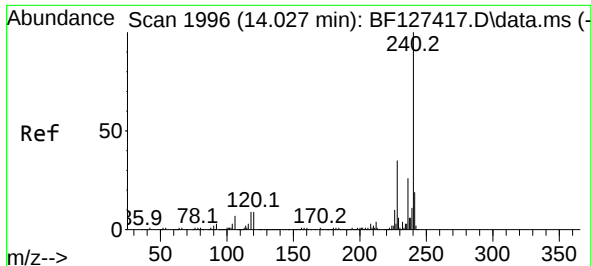
Tgt Ion:248 Resp: 13838
Ion Ratio Lower Upper
248 100
250 199.4 76.6 115.0#
141 469.7 52.2 78.2#



#70
Pentachlorophenol
Concen: 6.793 ng
RT: 11.227 min Scan# 1520
Delta R.T. 0.041 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
268 0.0 50.4 75.6#
264 0.0 48.5 72.7#

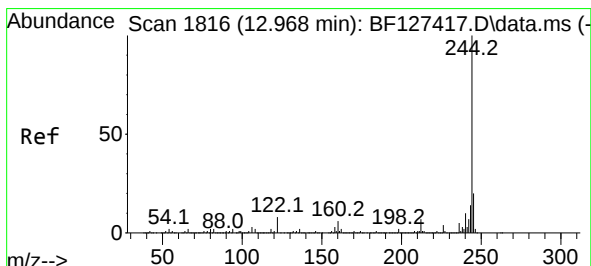
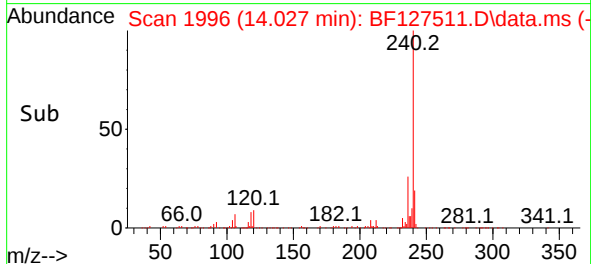
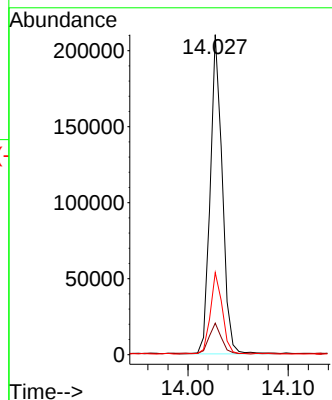
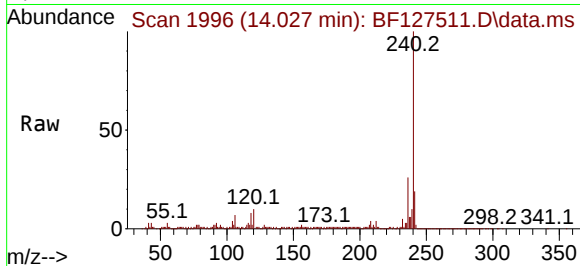




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

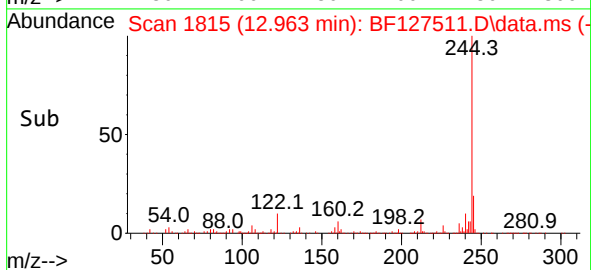
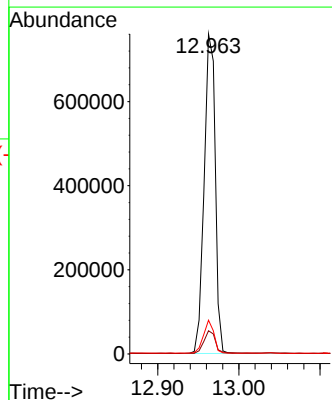
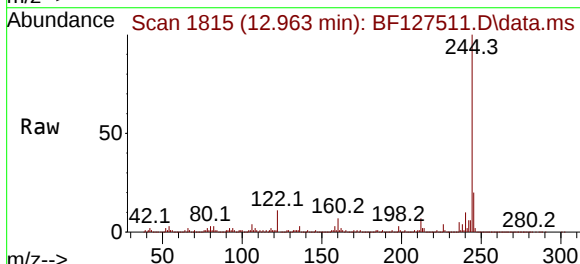
Instrument :
BNA_F
ClientSampleId :
MW-47

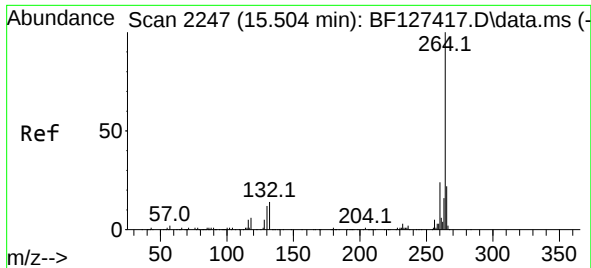
Tgt Ion:240 Resp: 175949
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 67.228 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127511.D
Acq: 24 Mar 2022 19:18

Tgt Ion:244 Resp: 722577
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.6 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127511.D

Acq: 24 Mar 2022 19:18

Instrument :

BNA_F

ClientSampleId :

MW-47

Tgt Ion:264 Resp: 184942

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.0 17.4 26.2

