

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127564.D
 Acq On : 29 Mar 2022 14:38
 Operator : CG\JU
 Sample : N2154-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Mar 29 15:56:44 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)

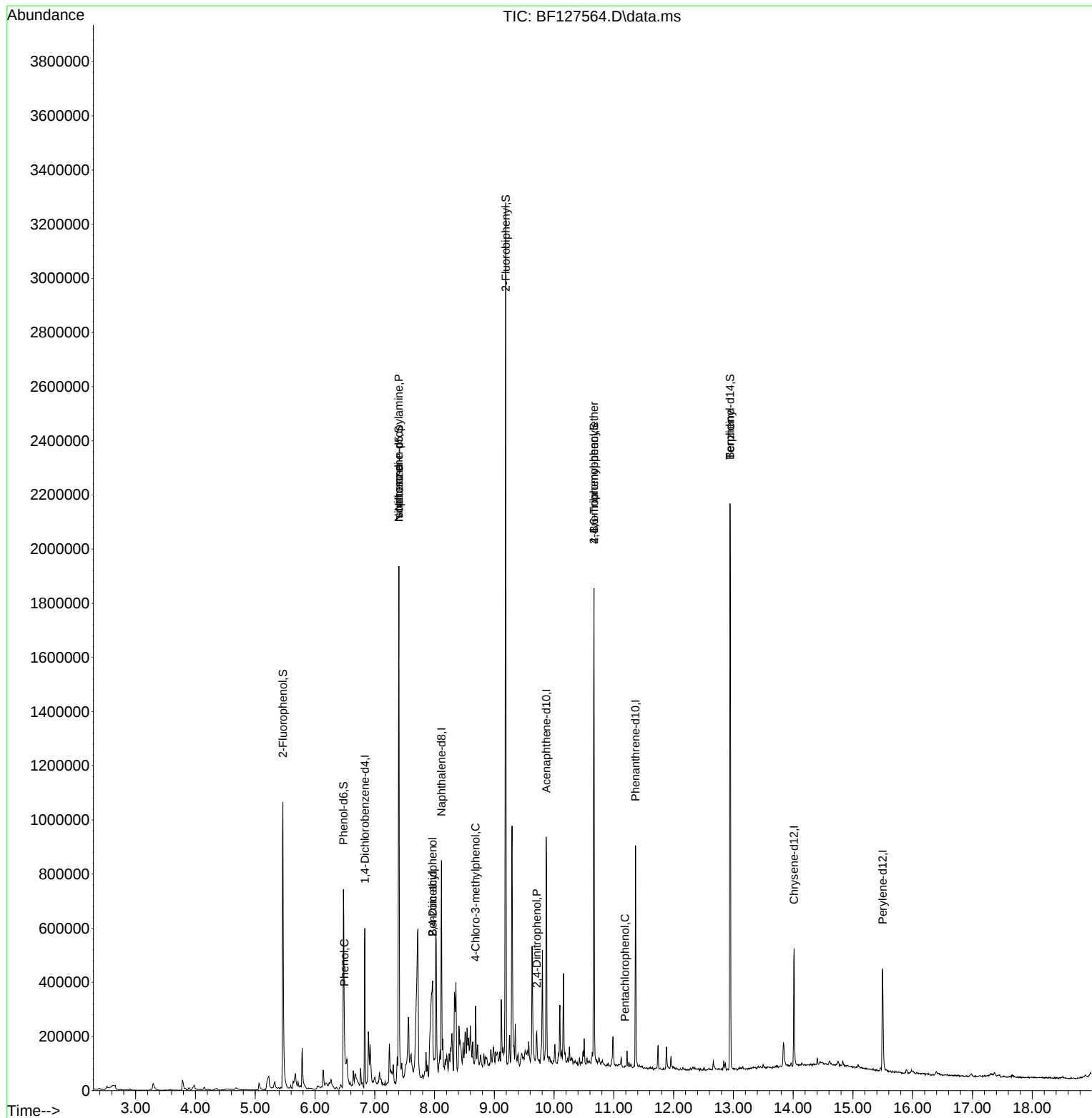
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	82791	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	299199	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	163573	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	259399	20.000	ng	0.00
76) Chrysene-d12	14.015	240	163373	20.000	ng	0.00
86) Perylene-d12	15.498	264	185212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	311545	60.066	ng	0.00
7) Phenol-d6	6.475	99	258522	36.464	ng	0.00
23) Nitrobenzene-d5	7.404	82	582339	83.197	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	196754	112.917	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	943240	84.204	ng	0.00
79) Terphenyl-d14	12.945	244	706207	70.763	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	879	Below Cal	#	55
10) Phenol	6.492	94	31184	4.039	ng	91
19) n-Nitroso-di-n-propyla...	7.404	70	80763	19.004	ng	# 81
25) Isophorone	7.404	82	581683	52.177	ng	# 70
27) 2,4-Dimethylphenol	7.969	122	168073	39.910	ng	# 4
32) Benzoic acid	7.969	122	169615	67.300	ng	93
36) 4-Chloro-3-methylphenol	8.686	107	37686	7.265	ng	92
54) 2,4-Dinitrophenol	9.710	184	140	8.804	ng	# 1
55) Dibenzofuran	10.080	168	1898	Below Cal	#	50
58) Fluorene	10.422	166	1849	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.669	248	13067	4.315	ng	# 1
70) Pentachlorophenol	11.186	266	54	6.780	ng	# 20
77) Benzidine	12.945	184	10037	2.577	ng	94

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

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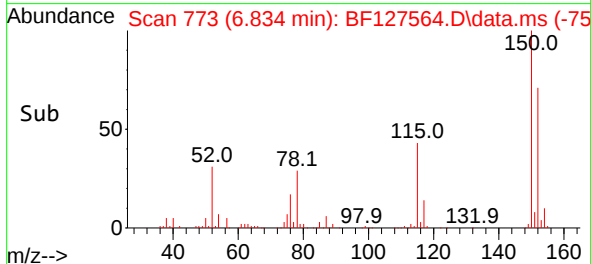
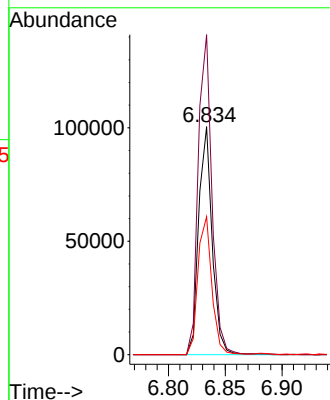
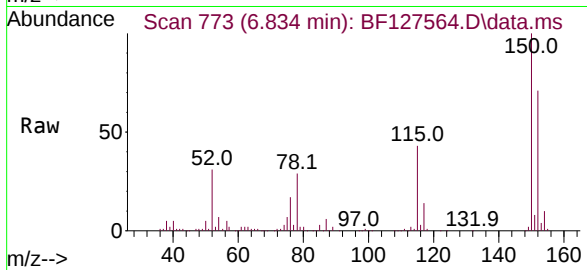




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

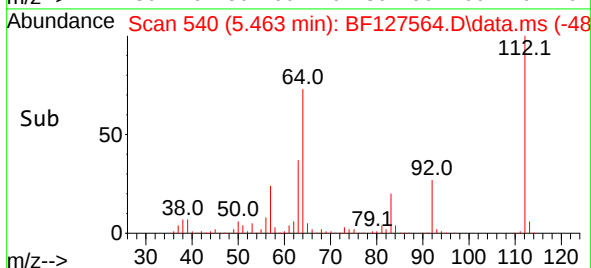
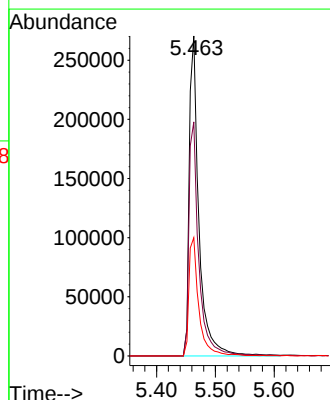
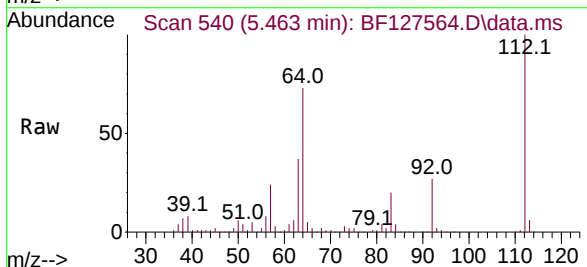
Instrument :
BNA_F
ClientSampleId :
MW-4

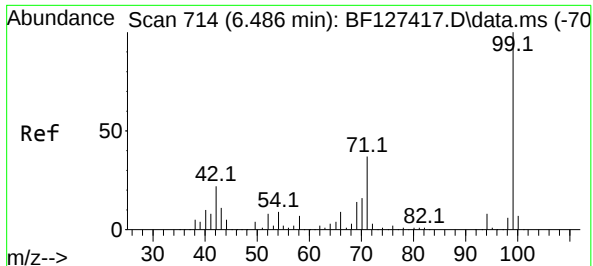
Tgt Ion:152 Resp: 82791
Ion Ratio Lower Upper
152 100
150 140.3 117.2 175.8
115 60.5 49.8 74.6



#5
2-Fluorophenol
Concen: 60.066 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion:112 Resp: 311545
Ion Ratio Lower Upper
112 100
64 73.2 58.4 87.6
63 37.0 30.1 45.1

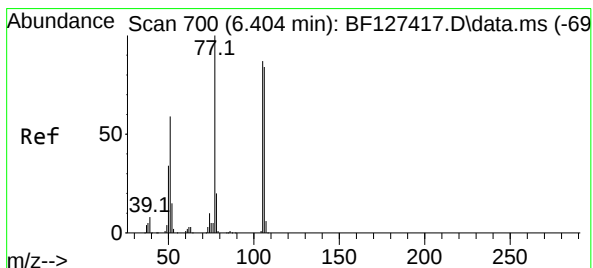
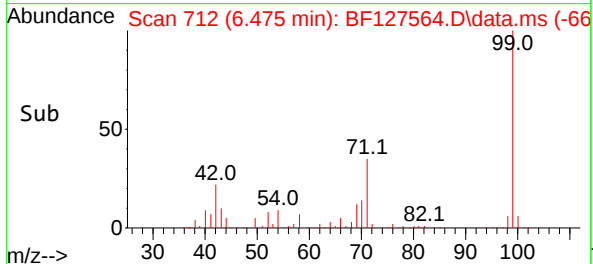
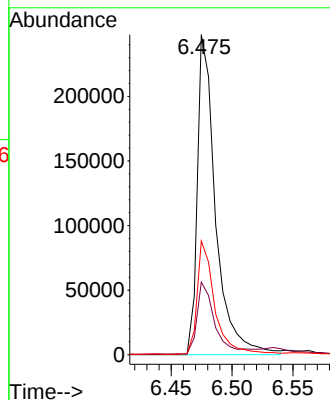
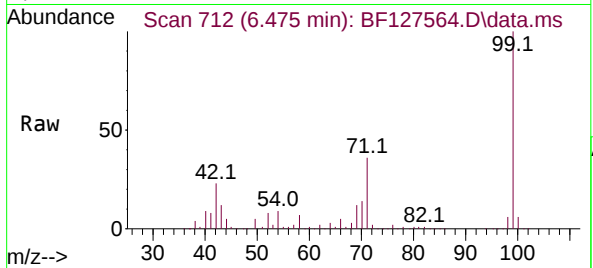




#7
Phenol-d6
Concen: 36.464 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

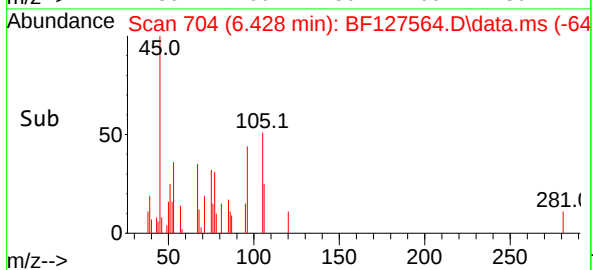
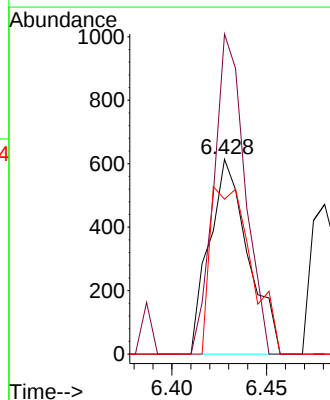
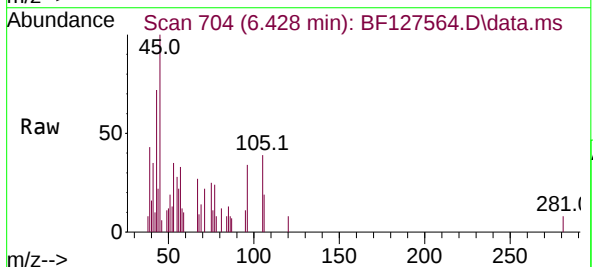
Instrument :
BNA_F
ClientSampleId :
MW-4

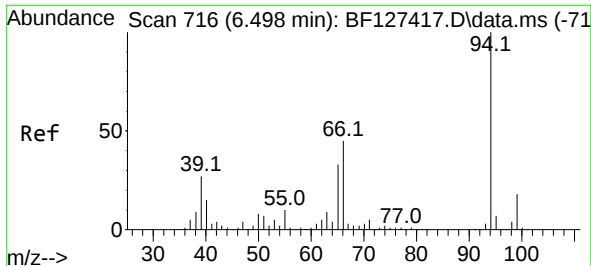
Tgt Ion: 99 Resp: 258522
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 35.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.035 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion: 77 Resp: 879
Ion Ratio Lower Upper
77 100
105 164.3 66.8 106.8#
106 79.5 64.3 104.3





#10

Phenol

Concen: 4.039 ng

RT: 6.492 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF127564.D

Acq: 29 Mar 2022 14:38

Instrument :

BNA_F

ClientSampleId :

MW-4

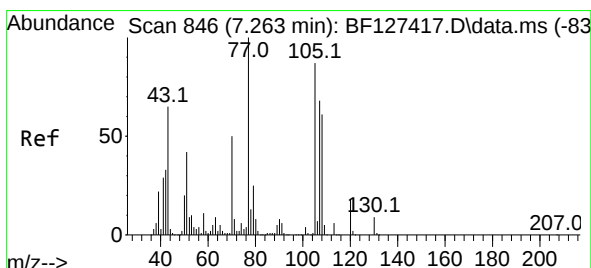
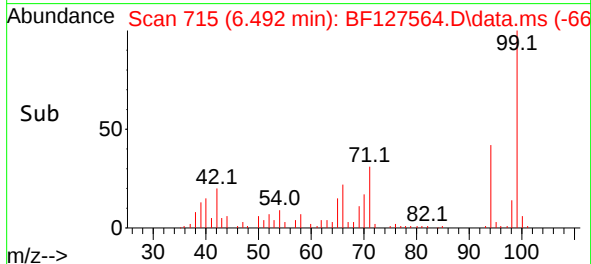
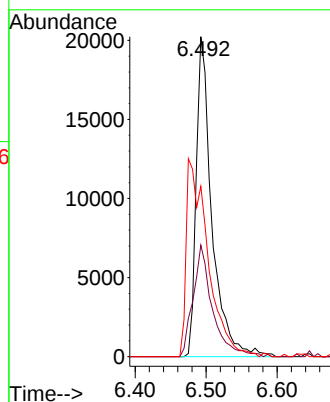
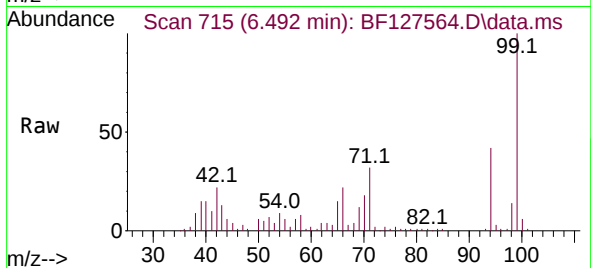
Tgt Ion: 94 Resp: 31184

Ion Ratio Lower Upper

94 100

65 34.8 13.1 53.1

66 53.3 24.9 64.9



#19

n-Nitroso-di-n-propylamine

Concen: 19.004 ng

RT: 7.404 min Scan# 870

Delta R.T. 0.153 min

Lab File: BF127564.D

Acq: 29 Mar 2022 14:38

Tgt Ion: 70 Resp: 80763

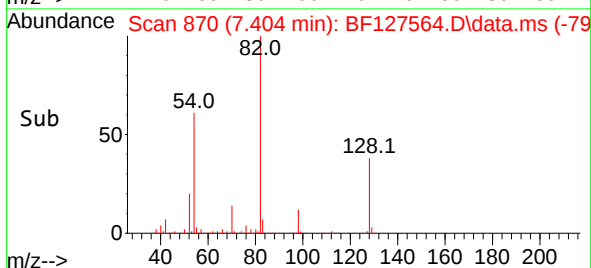
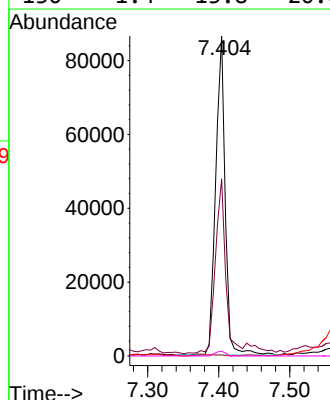
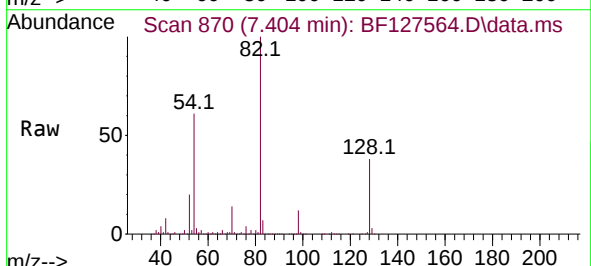
Ion Ratio Lower Upper

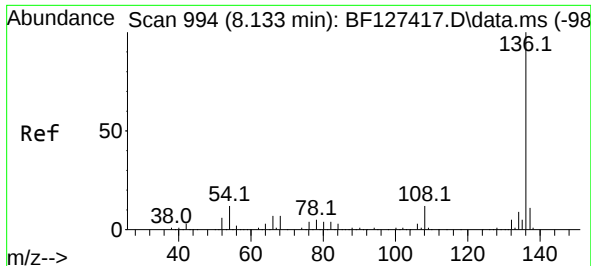
70 100

42 55.3 53.0 79.6

101 0.3 6.8 10.2#

130 1.4 13.8 20.6#

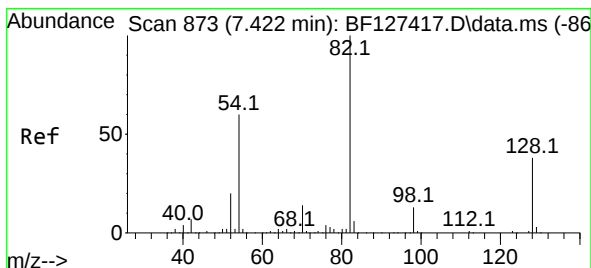
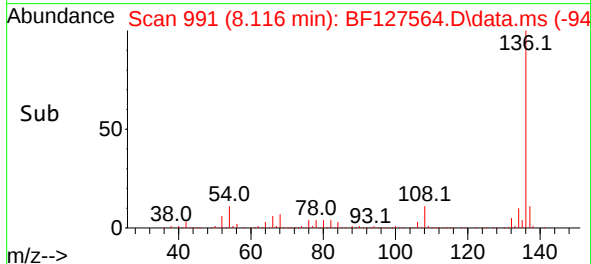
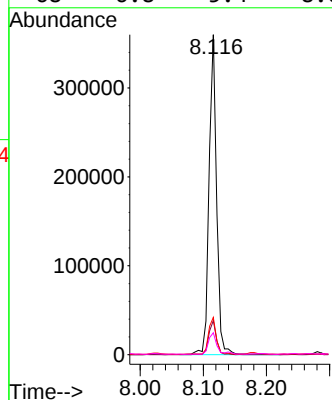
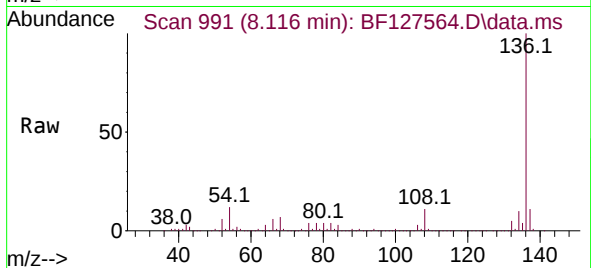




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

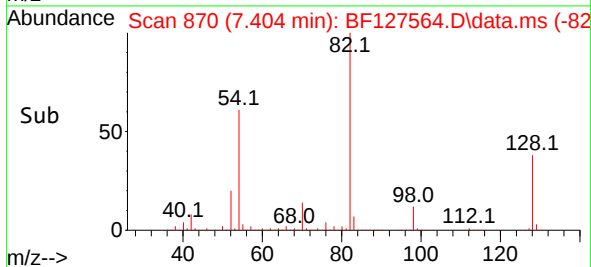
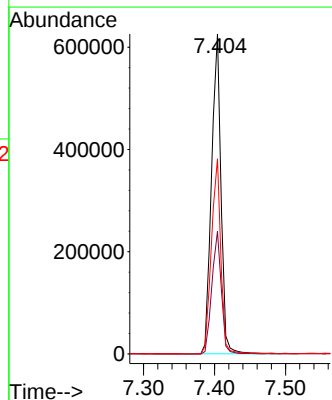
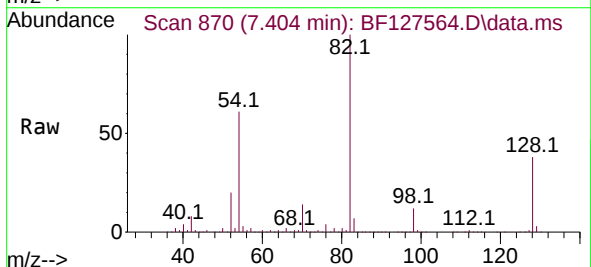
Instrument :
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ClientSampleId :
MW-4

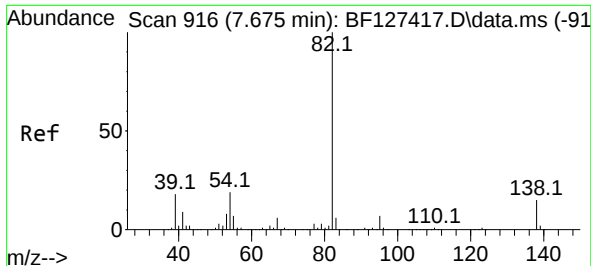
Tgt Ion:136	Resp: 299199
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 11.6	9.2 13.8
68 6.8	5.4 8.0



#23
Nitrobenzene-d5
Concen: 83.197 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion: 82	Resp: 582339
Ion Ratio	Lower Upper
82 100	
128 38.4	30.6 45.8
54 61.0	48.2 72.2

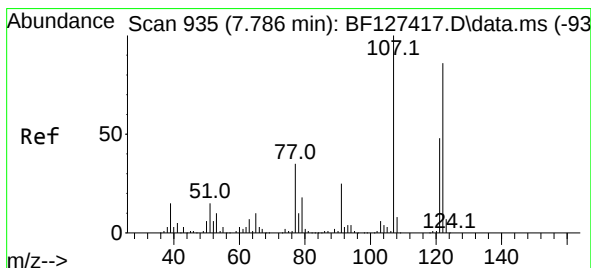
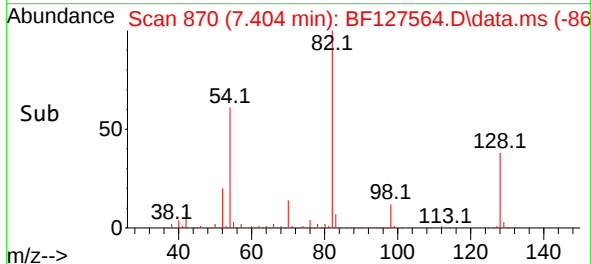
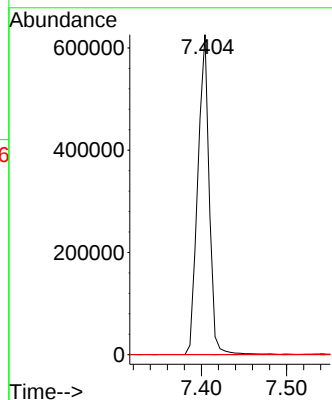
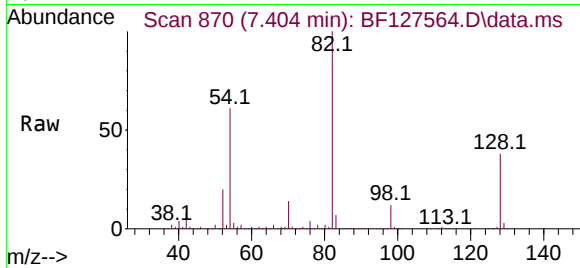




#25
Isophorone
Concen: 52.177 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

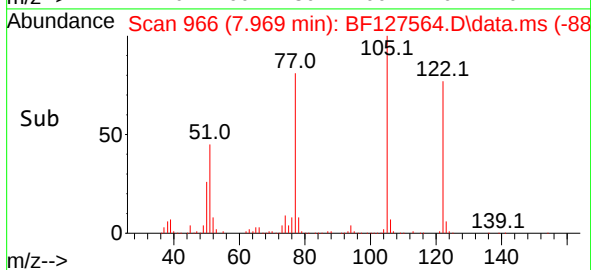
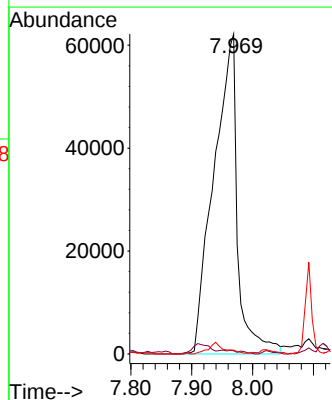
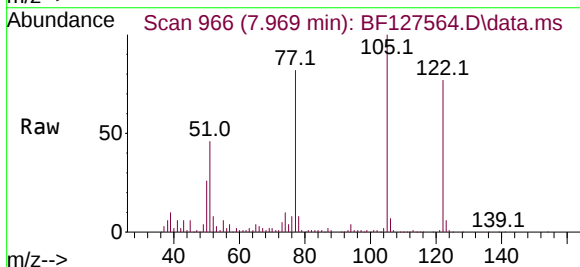
Instrument :
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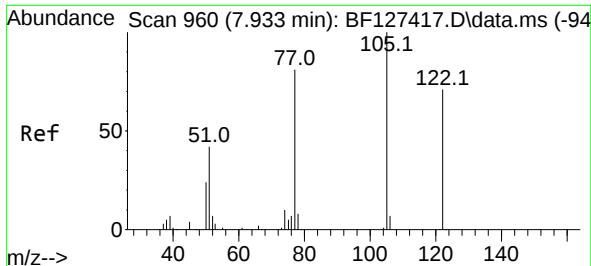
Tgt Ion: 82 Resp: 581683
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.8#
138 0.0 11.6 17.4#



#27
2,4-Dimethylphenol
Concen: 39.910 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.194 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion:122 Resp: 168073
Ion Ratio Lower Upper
122 100
107 1.0 93.0 139.4#
121 1.2 44.9 67.3#

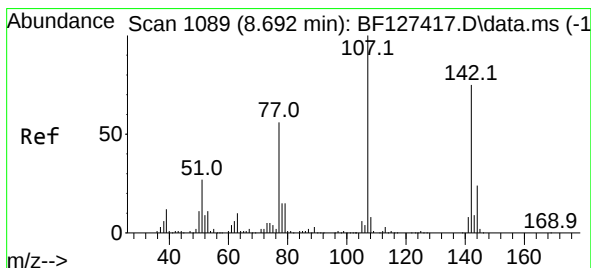
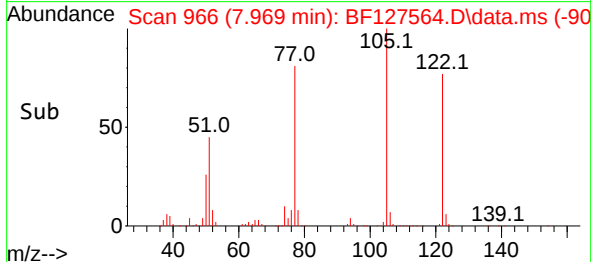
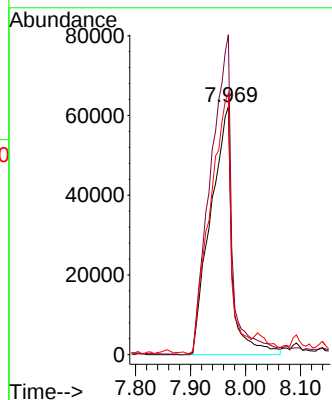
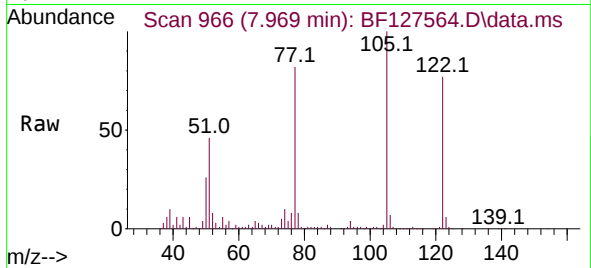




#32
Benzoic acid
Concen: 67.300 ng
RT: 7.969 min Scan# 90
Delta R.T. 0.041 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

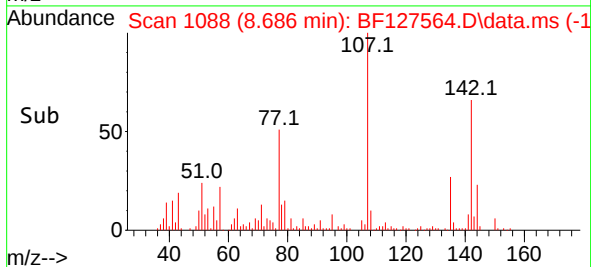
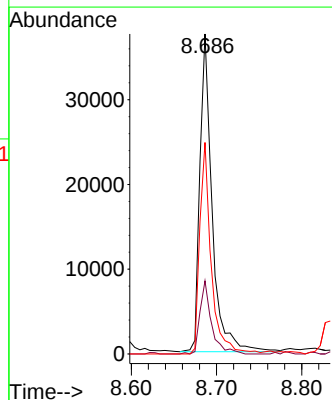
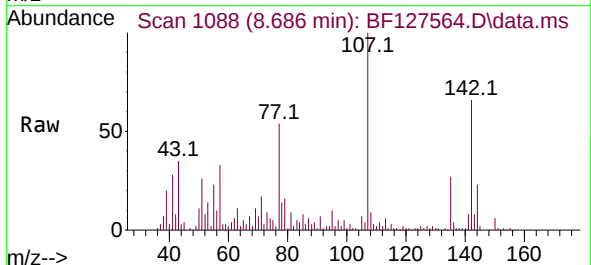
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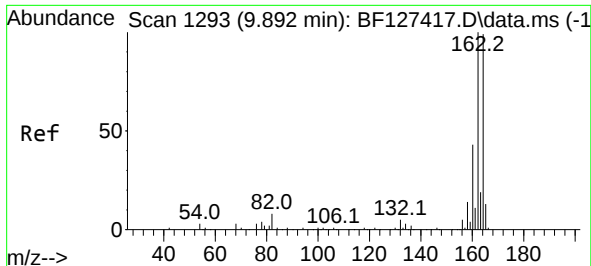
Tgt Ion:122 Resp: 169615
Ion Ratio Lower Upper
122 100
105 129.1 117.1 157.1
77 105.5 93.0 133.0



#36
4-Chloro-3-methylphenol
Concen: 7.265 ng
RT: 8.686 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion:107 Resp: 37686
Ion Ratio Lower Upper
107 100
144 22.9 19.3 28.9
142 66.1 59.8 89.8

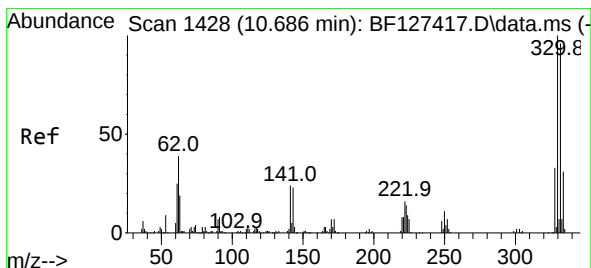
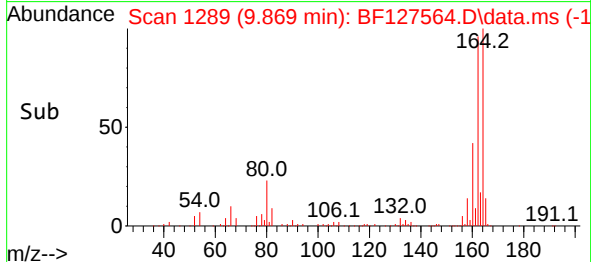
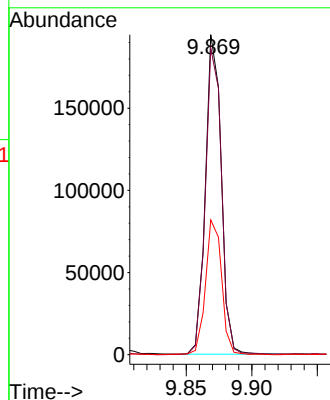
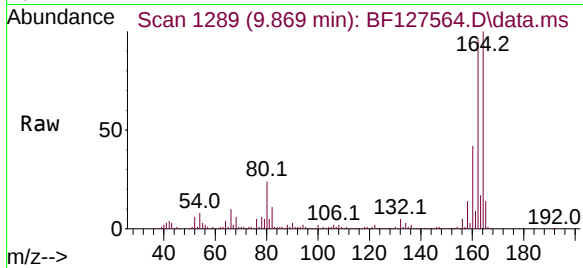




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

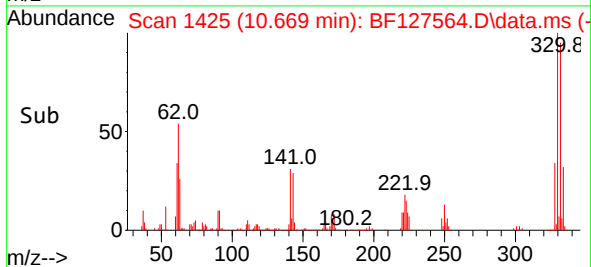
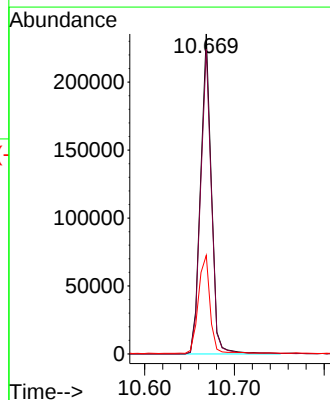
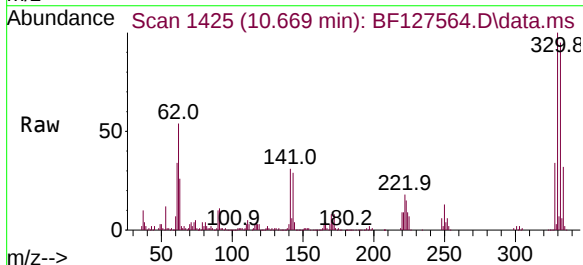
Instrument :
BNA_F
ClientSampleId :
MW-4

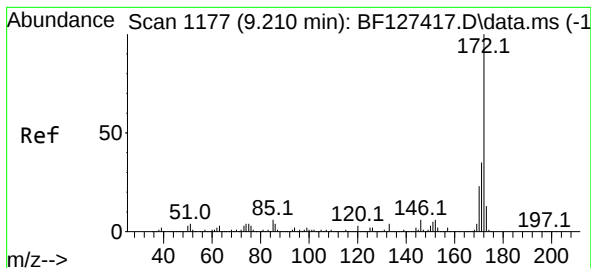
Tgt Ion:164 Resp: 163573
Ion Ratio Lower Upper
164 100
162 95.8 81.2 121.8
160 42.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 112.917 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion:330 Resp: 196754
Ion Ratio Lower Upper
330 100
332 94.8 79.1 118.7
141 33.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 84.204 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127564.D

Acq: 29 Mar 2022 14:38

Instrument :

BNA_F

ClientSampleId :

MW-4

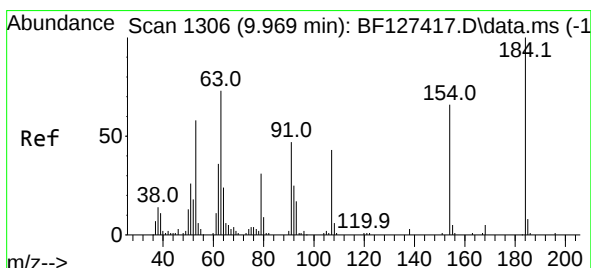
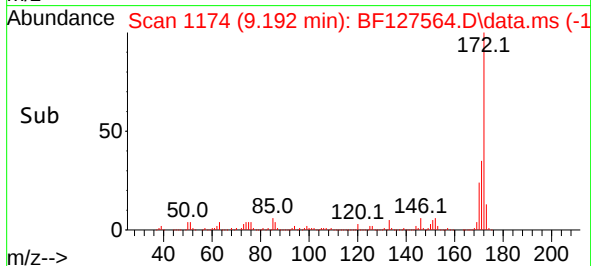
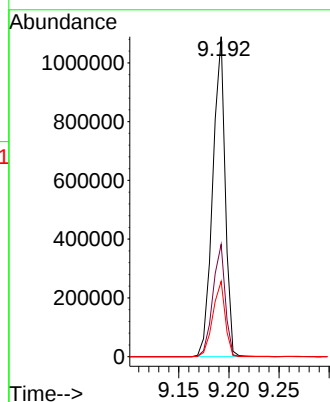
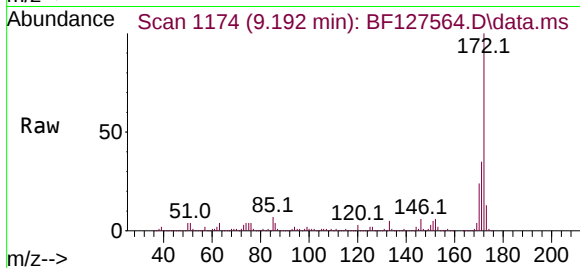
Tgt Ion:172 Resp: 943240

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 8.804 ng

RT: 9.710 min Scan# 1262

Delta R.T. -0.247 min

Lab File: BF127564.D

Acq: 29 Mar 2022 14:38

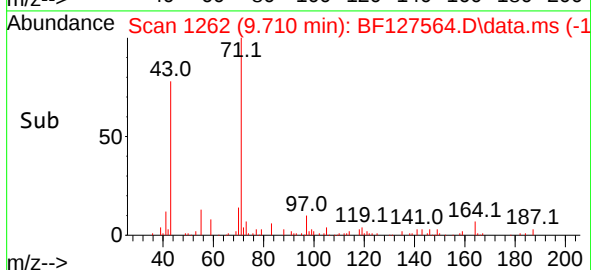
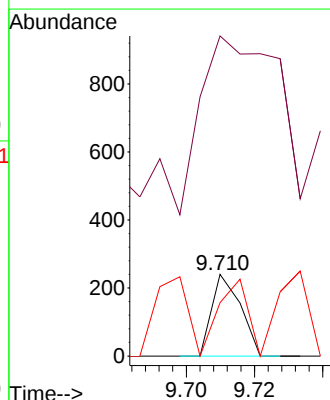
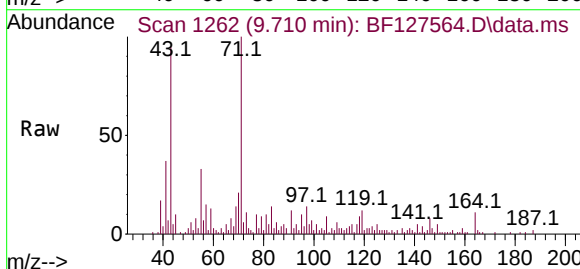
Tgt Ion:184 Resp: 140

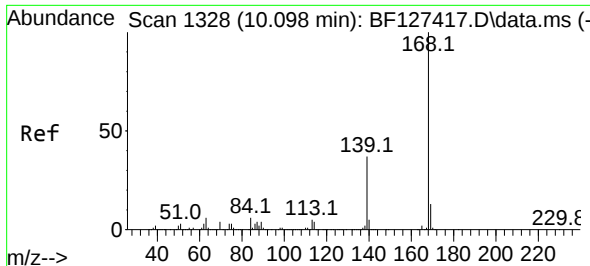
Ion Ratio Lower Upper

184 100

63 392.1 58.1 87.1#

154 65.4 53.2 79.8

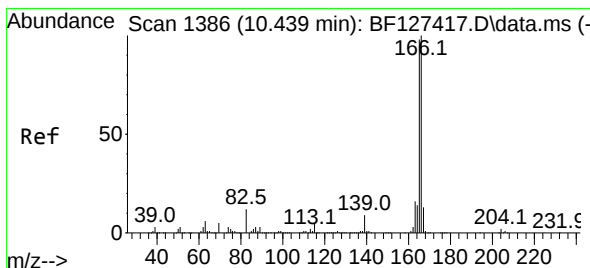
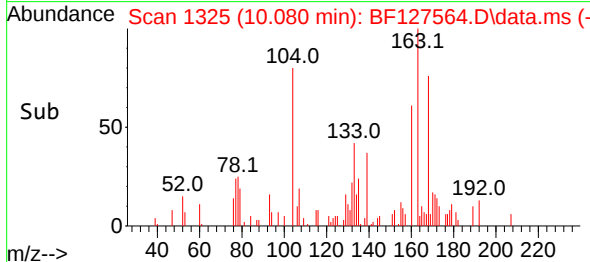
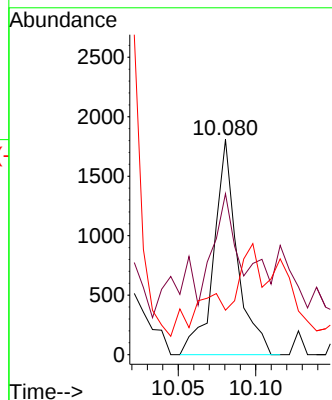
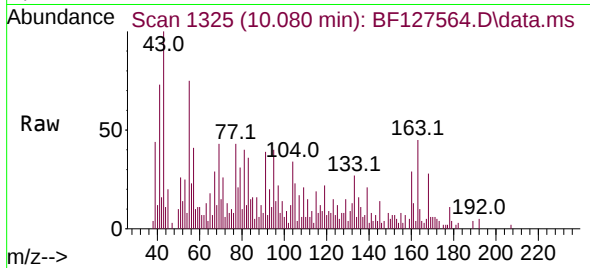




#55
Dibenzofuran
Concen: Below Cal
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

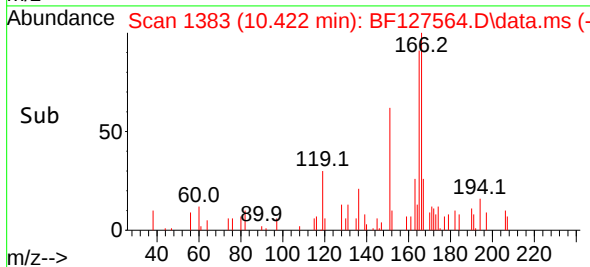
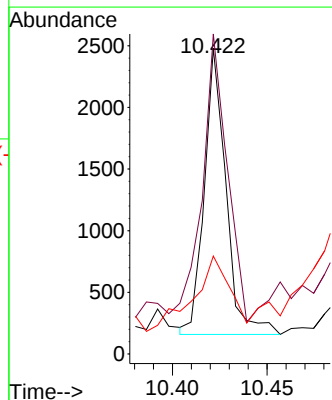
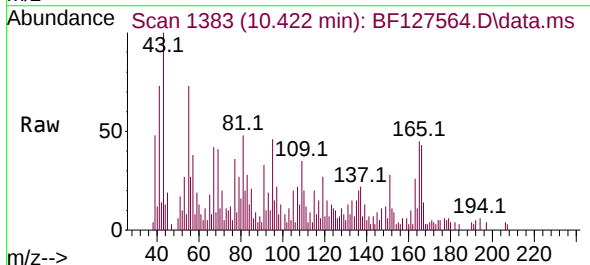
Instrument :
BNA_F
ClientSampleId :
MW-4

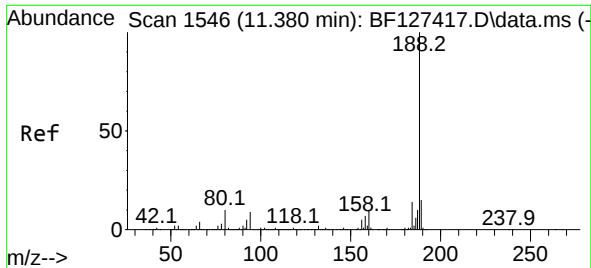
Tgt Ion:168 Resp: 1898
Ion Ratio Lower Upper
168 100
139 74.8 30.3 45.5#
169 20.7 10.8 16.2#



#58
Fluorene
Concen: Below Cal
RT: 10.422 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion:166 Resp: 1849
Ion Ratio Lower Upper
166 100
165 104.6 78.1 117.1
167 32.0 10.5 15.7#

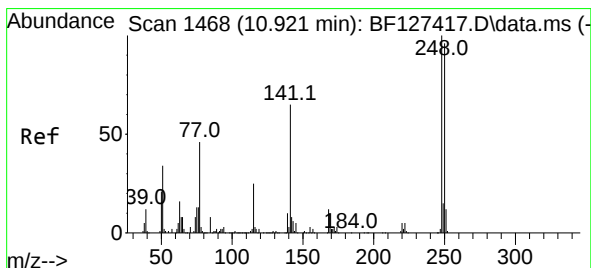
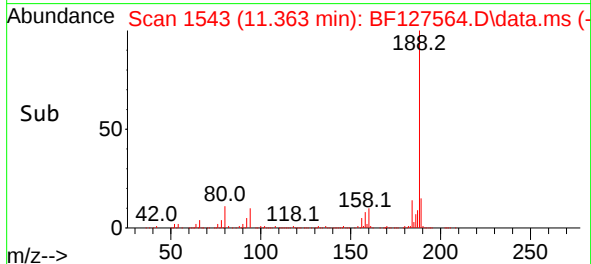
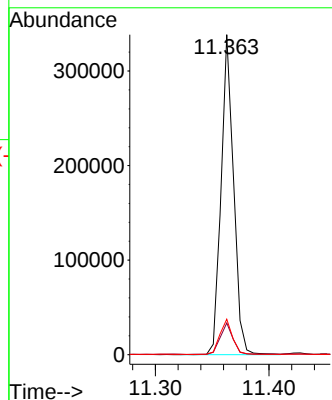
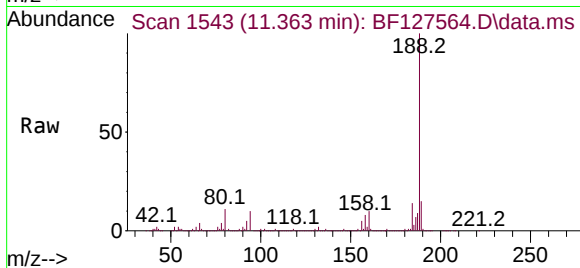




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

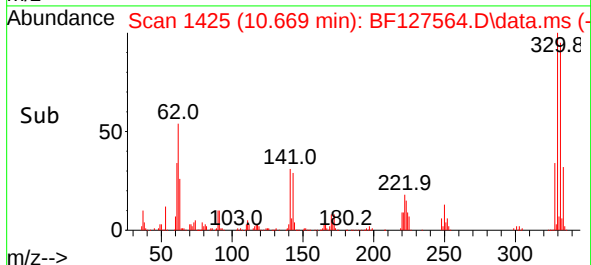
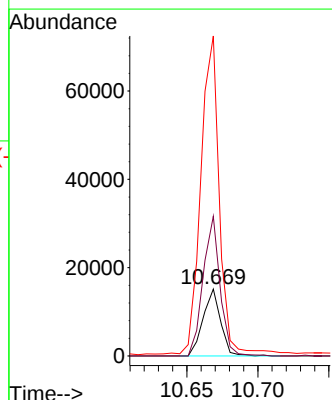
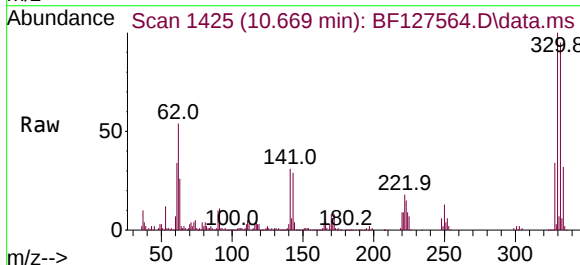
Instrument :
BNA_F
ClientSampleId :
MW-4

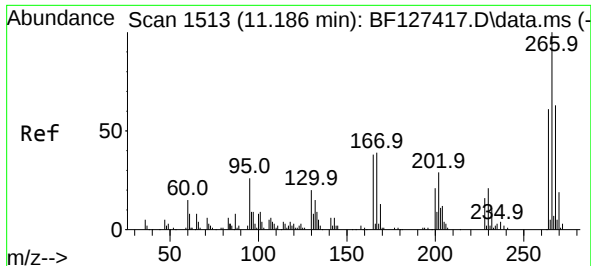
Tgt Ion:188 Resp: 259399
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 11.1 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.315 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion:248 Resp: 13067
Ion Ratio Lower Upper
248 100
250 208.7 76.6 115.0#
141 478.4 52.2 78.2#

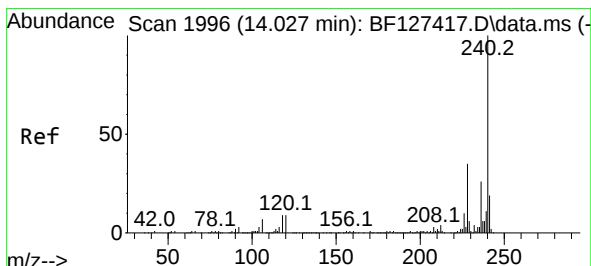
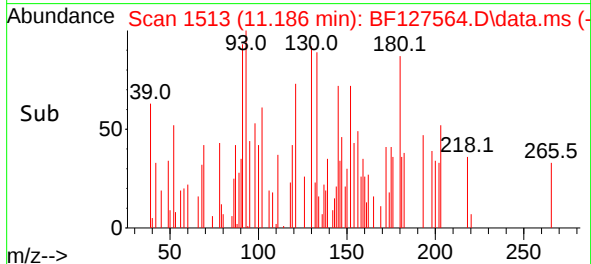
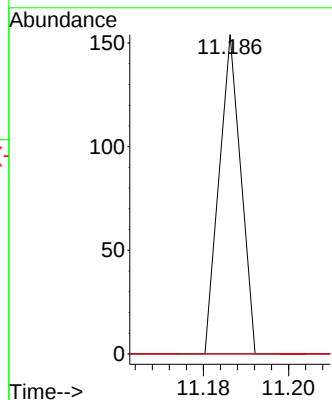
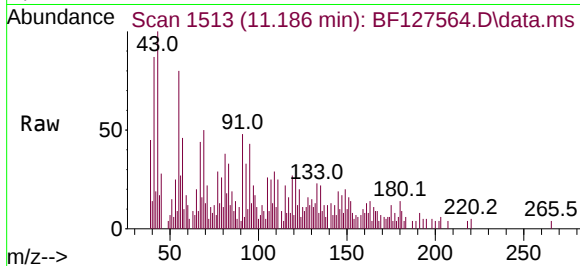




#70
 Pentachlorophenol
 Concen: 6.780 ng
 RT: 11.186 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF127564.D
 Acq: 29 Mar 2022 14:38

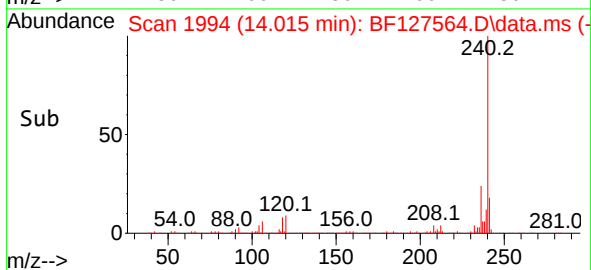
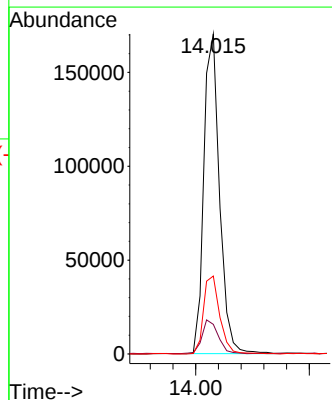
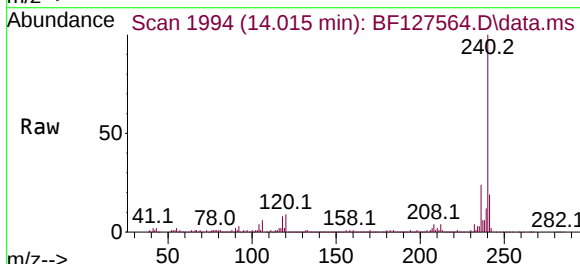
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

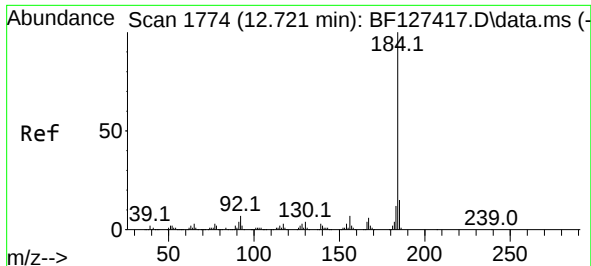
Tgt Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.4 75.6#
 264 0.0 48.5 72.7#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.015 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BF127564.D
 Acq: 29 Mar 2022 14:38

Tgt Ion:240 Resp: 163373
 Ion Ratio Lower Upper
 240 100
 120 9.3 7.1 10.7
 236 24.3 20.7 31.1

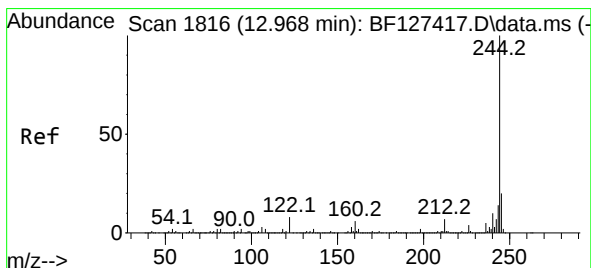
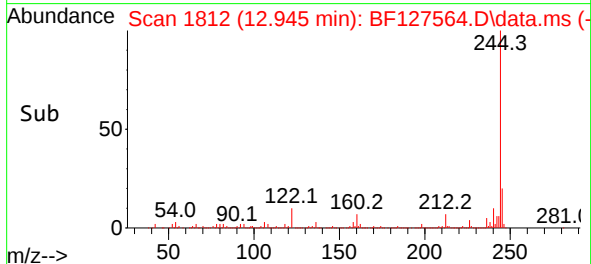
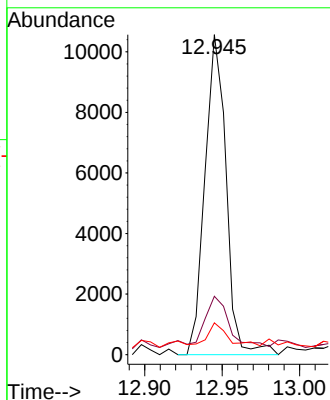
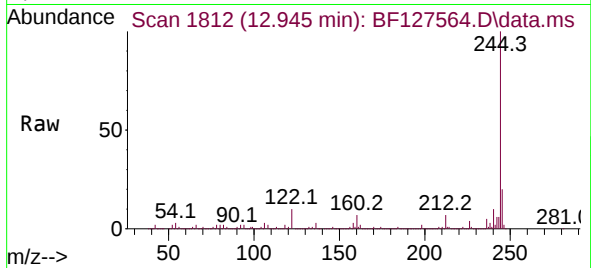




#77
Benzidine
Concen: 2.577 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

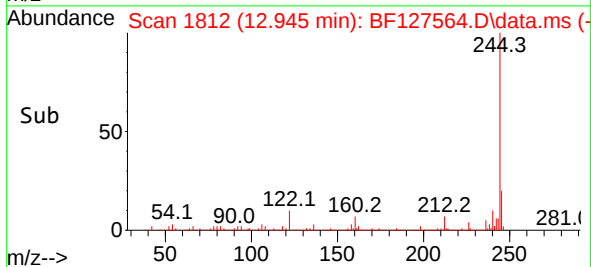
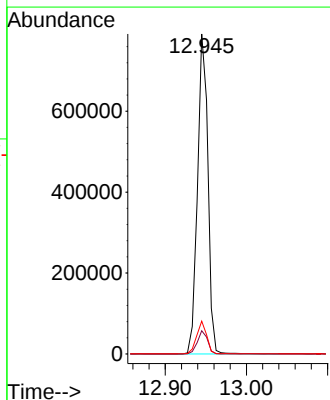
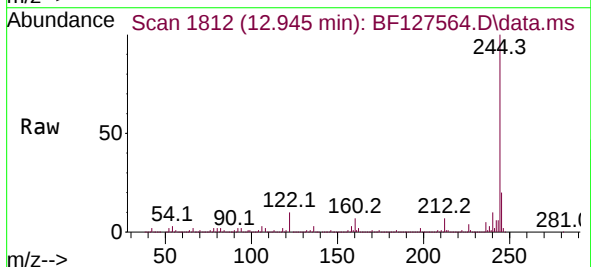
Instrument :
BNA_F
ClientSampleId :
MW-4

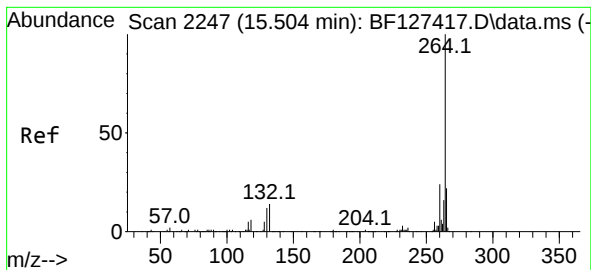
Tgt Ion:184 Resp: 10037
Ion Ratio Lower Upper
184 100
185 18.2 12.2 18.2
183 10.0 9.4 14.0



#79
Terphenyl-d14
Concen: 70.763 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127564.D
Acq: 29 Mar 2022 14:38

Tgt Ion:244 Resp: 706207
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.3 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127564.D

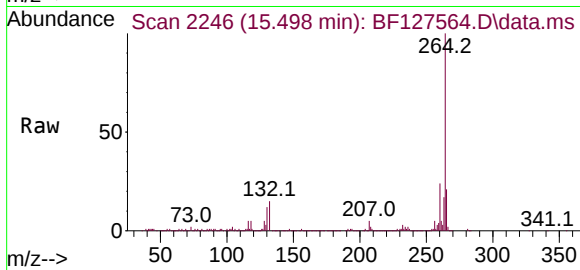
Acq: 29 Mar 2022 14:38

Instrument :

BNA_F

ClientSampleId :

MW-4



Tgt Ion:264 Resp: 185212

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 20.7 17.4 26.2

