

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128522.D
 Acq On : 27 May 2022 21:29
 Operator : CG\JU
 Sample : N2921-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-0006-01

Quant Time: May 27 23:19:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

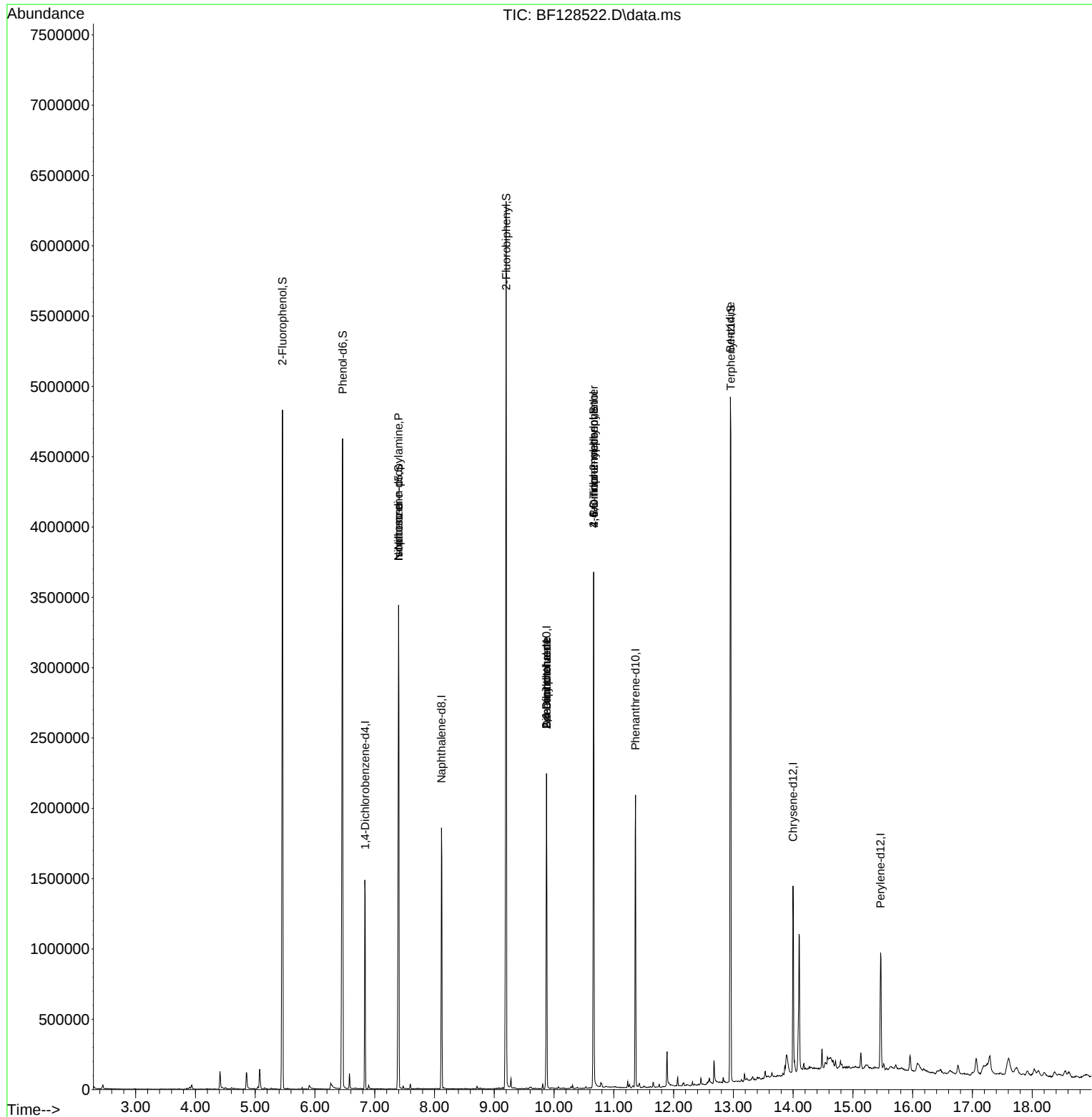
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	216278	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	841333	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	447233	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	764455	20.000	ng	0.00
76) Chrysene-d12	13.998	240	447399	20.000	ng	-0.01
86) Perylene-d12	15.463	264	391447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1380333	105.715	ng	0.00
7) Phenol-d6	6.463	99	1768297	106.216	ng	0.00
23) Nitrobenzene-d5	7.398	82	1210153	82.977	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	435241	102.244	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2127809	77.296	ng	0.00
79) Terphenyl-d14	12.957	244	1889501	81.592	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	418	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.398	70	165993	16.262	ng	# 79
25) Isophorone	7.398	82	1207553	44.884	ng	# 65
50) Dimethylphthalate	9.875	163	79837	2.752	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	56526	10.632	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	56526	8.887	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1179	5.797	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	29033	3.676	ng	# 1
77) Benzidine	12.951	184	26394	2.558	ng	# 95

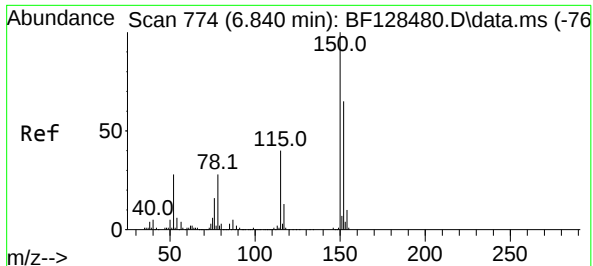
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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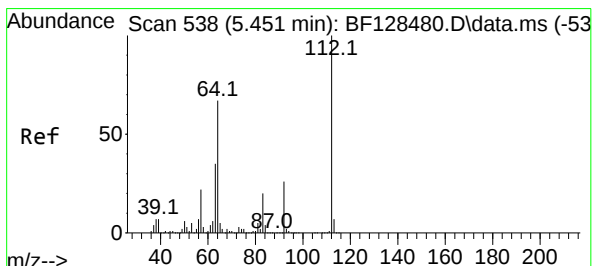
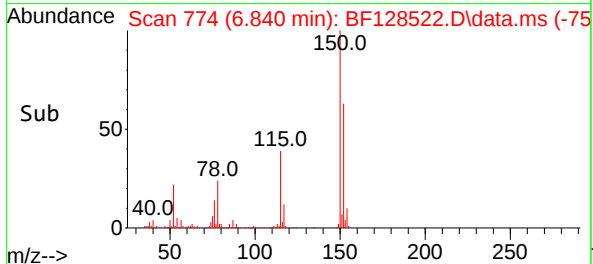
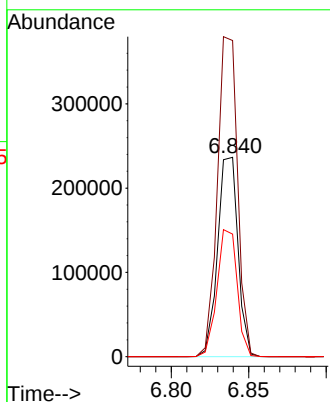
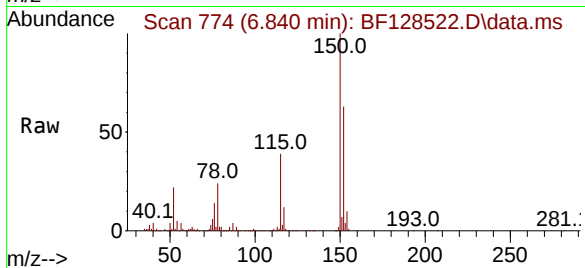




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

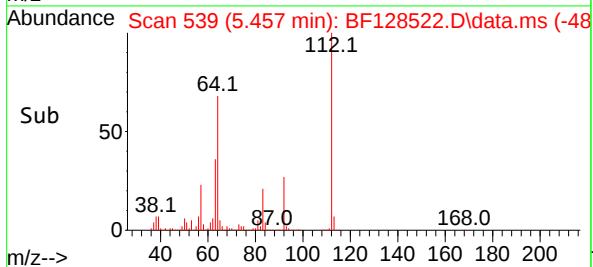
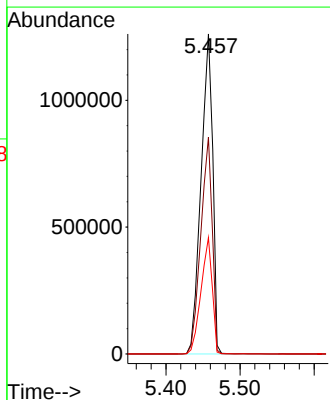
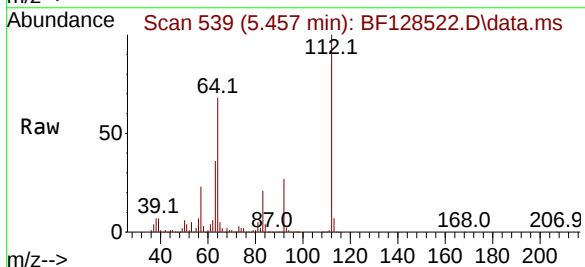
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

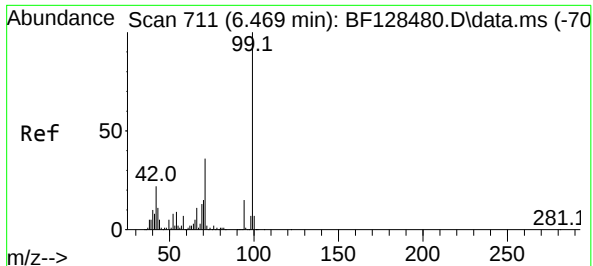
Tgt Ion:152 Resp: 216278
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 105.715 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:112 Resp: 1380333
Ion Ratio Lower Upper
112 100
64 67.7 53.3 79.9
63 36.4 28.0 42.0



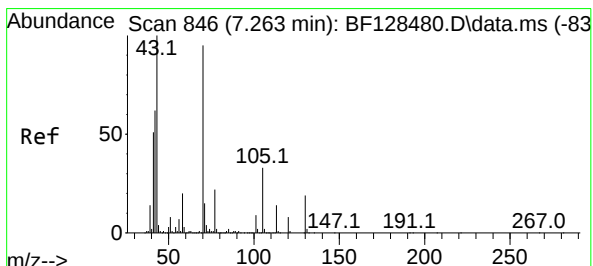
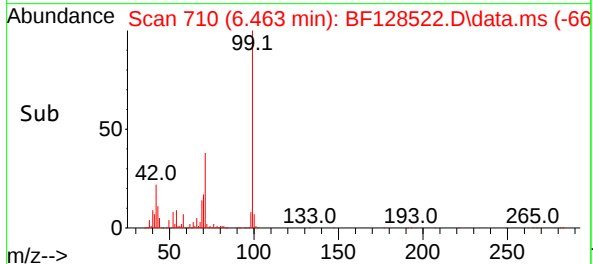
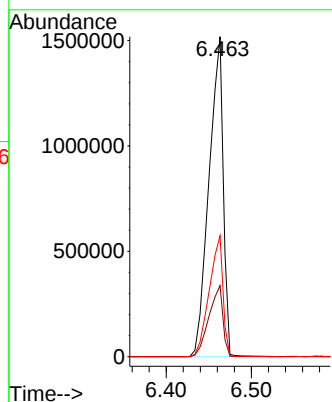
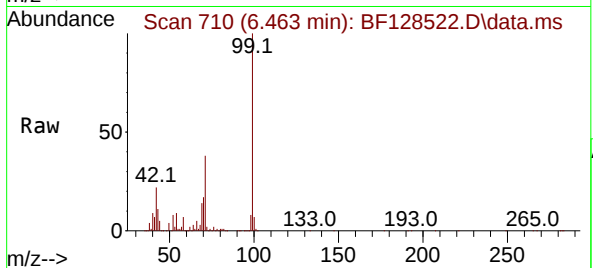


#7
Phenol-d6
Concen: 106.216 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

Tgt Ion: 99 Resp: 1768297

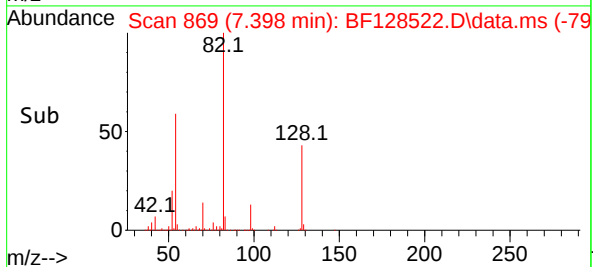
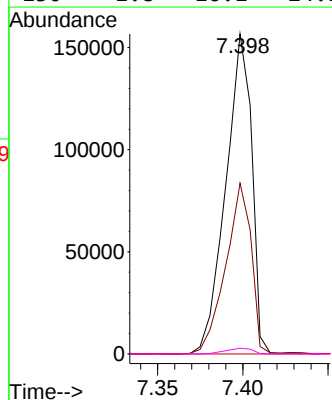
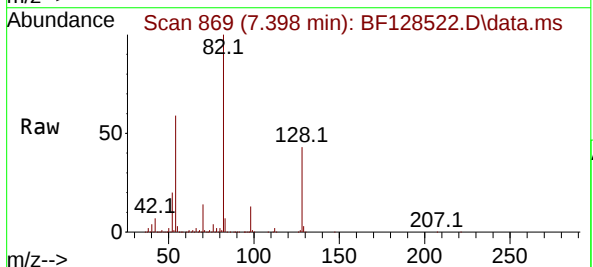
Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.3	25.9
71	37.8	28.9	43.3

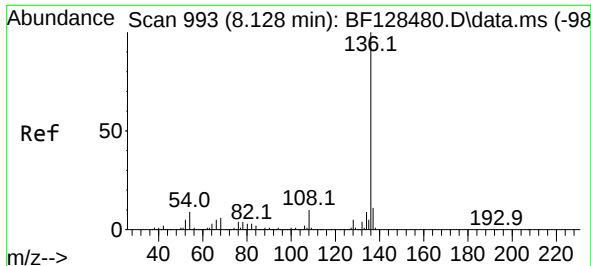


#19
n-Nitroso-di-n-propylamine
Concen: 16.262 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion: 70 Resp: 165993

Ion	Ratio	Lower	Upper
70	100		
42	53.3	52.3	78.5
101	0.0	7.5	11.3#
130	1.8	16.1	24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128522.D

Acq: 27 May 2022 21:29

Instrument :

BNA_F

ClientSampleId :

P013-SS002-0006-01

Tgt Ion:136 Resp: 841333

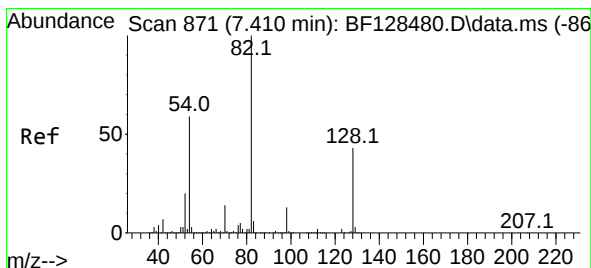
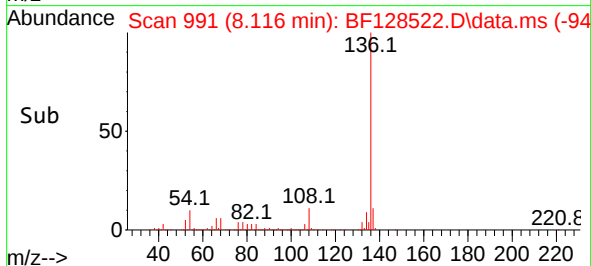
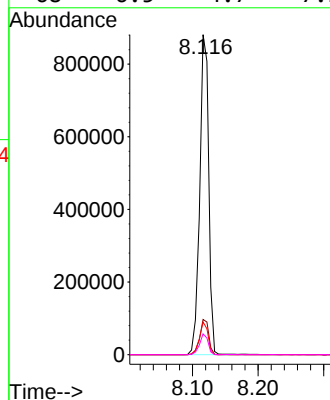
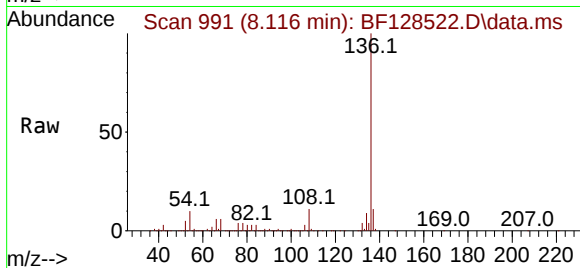
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.2 7.5 11.3

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 82.977 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128522.D

Acq: 27 May 2022 21:29

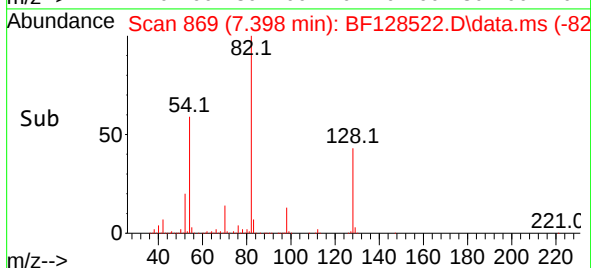
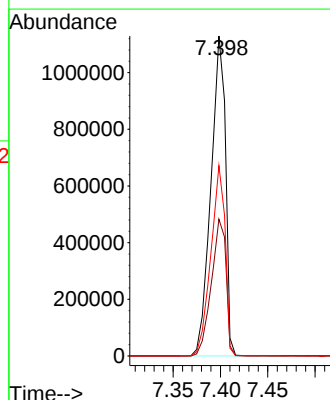
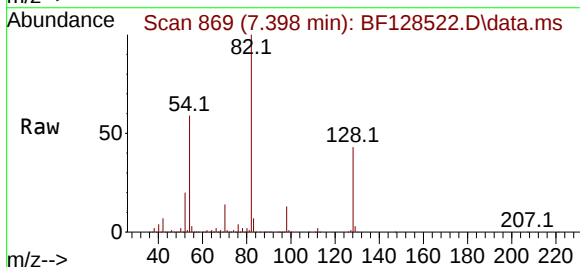
Tgt Ion: 82 Resp: 1210153

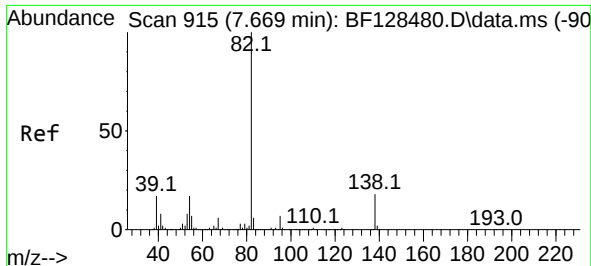
Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

54 59.5 46.9 70.3

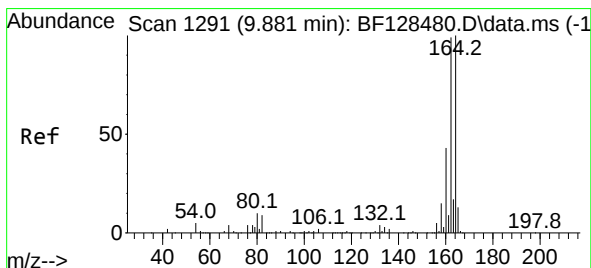
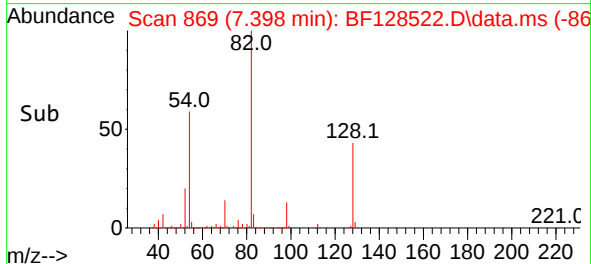
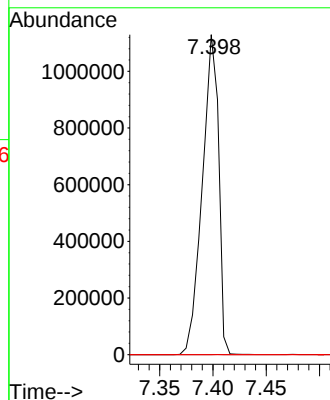
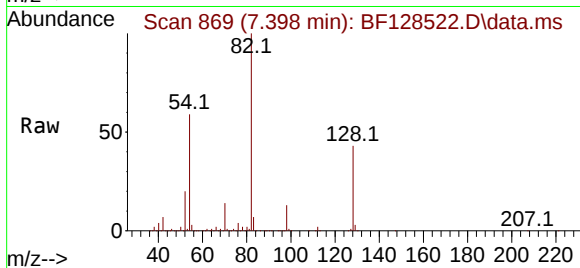




#25
Isophorone
Concen: 44.884 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

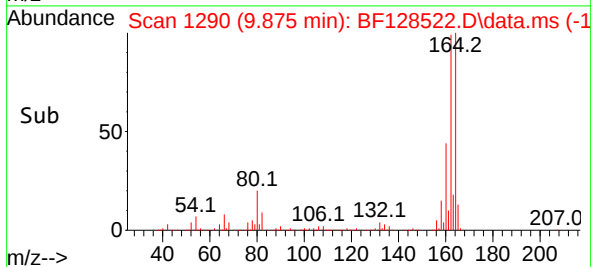
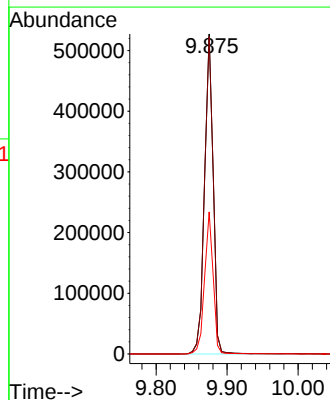
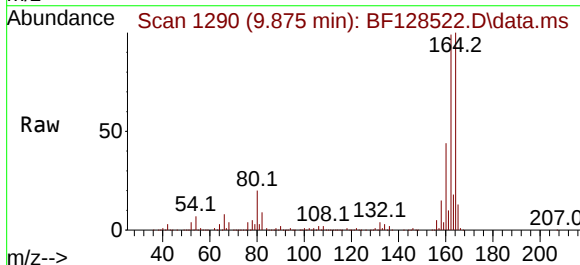
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

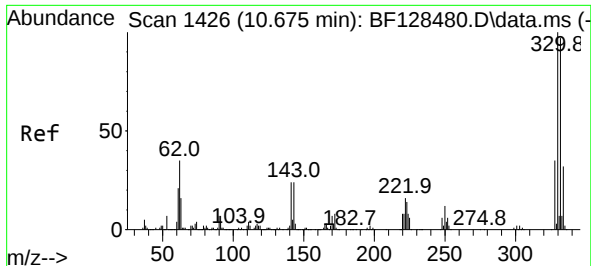
Tgt Ion: 82 Resp: 1207553
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:164 Resp: 447233
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 102.244 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128522.D

Acq: 27 May 2022 21:29

Instrument :

BNA_F

ClientSampleId :

P013-SS002-0006-01

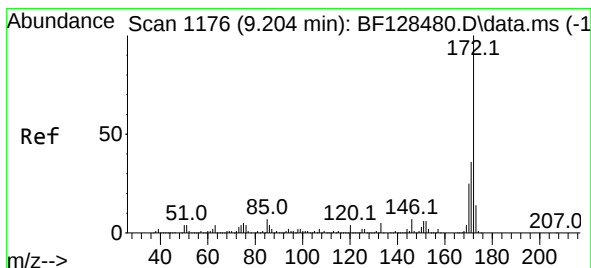
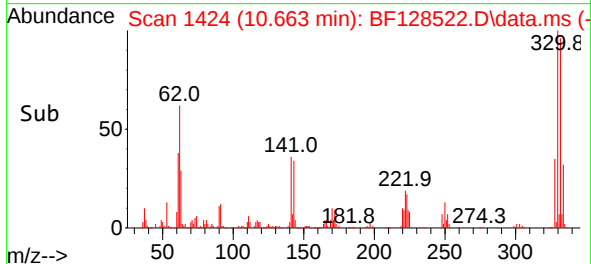
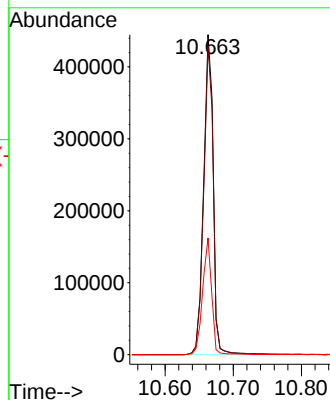
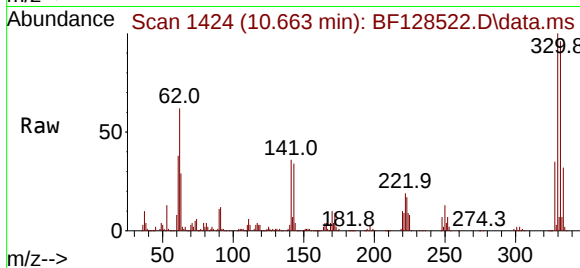
Tgt Ion:330 Resp: 435241

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.296 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128522.D

Acq: 27 May 2022 21:29

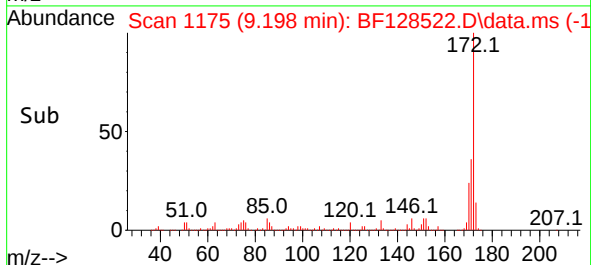
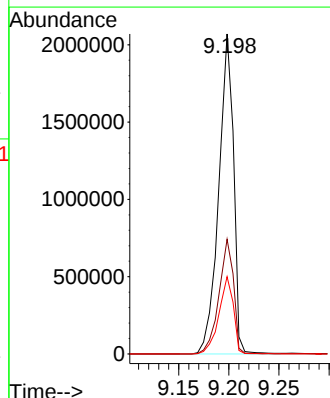
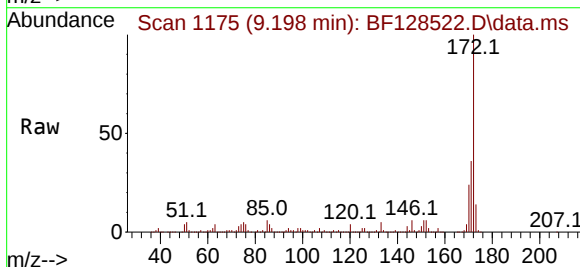
Tgt Ion:172 Resp: 2127809

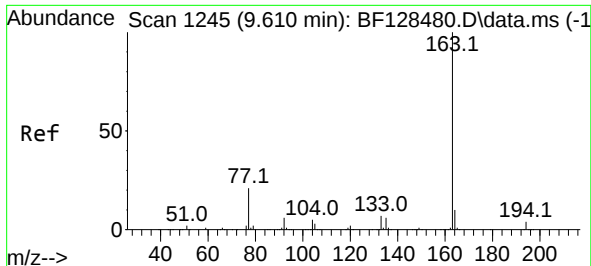
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.2 19.8 29.8

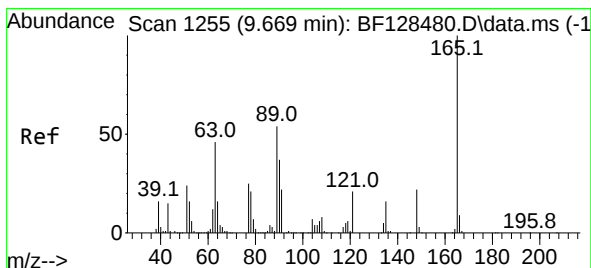
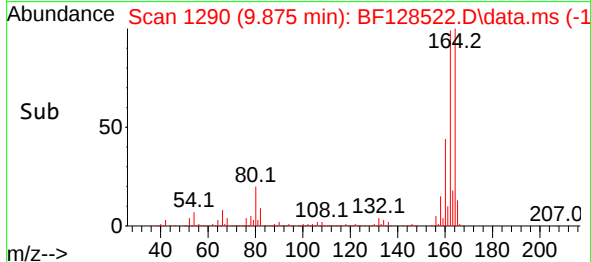
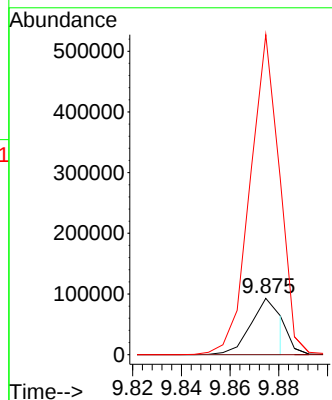
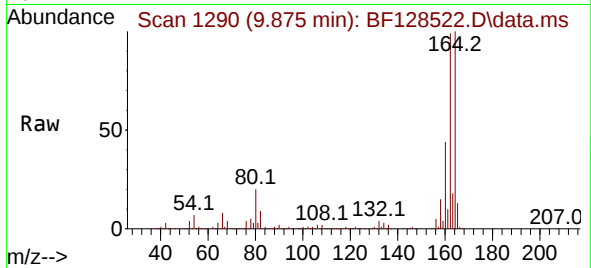




#50
Dimethylphthalate
Concen: 2.752 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

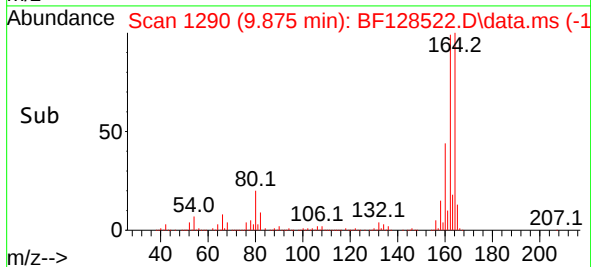
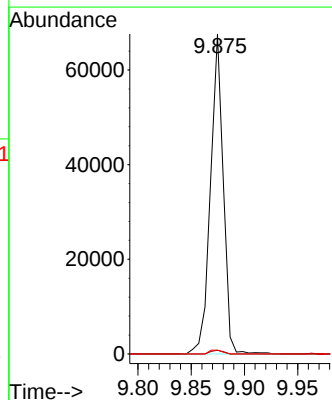
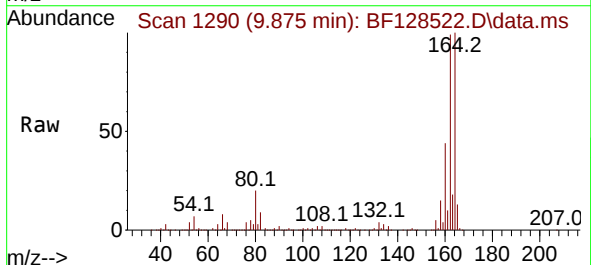
Instrument :
BNA_F
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P013-SS002-0006-01

Tgt Ion:163 Resp: 79837
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 567.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.632 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:165 Resp: 56526
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.2 43.6 65.4#

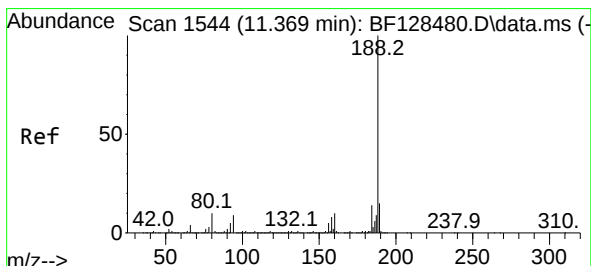
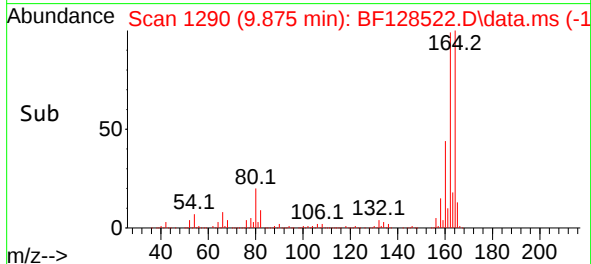
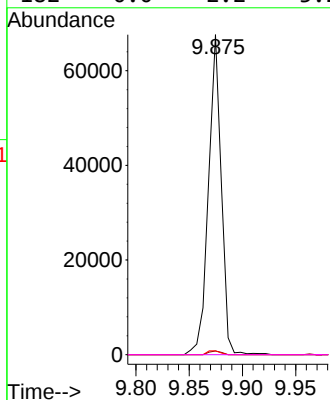
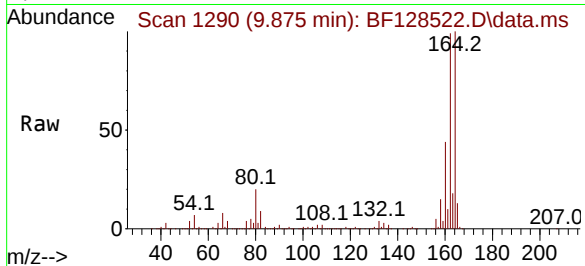




#57
2,4-Dinitrotoluene
Concen: 8.887 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

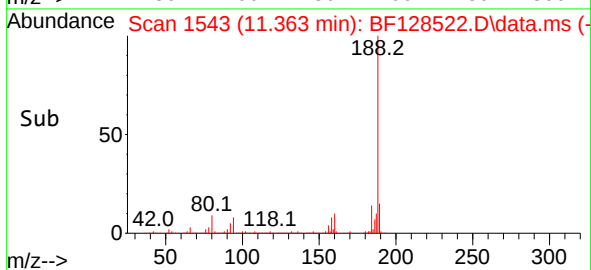
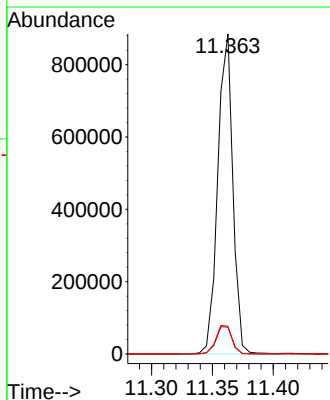
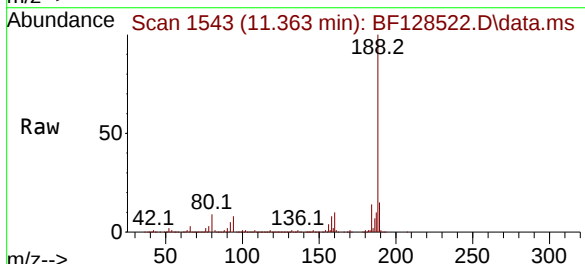
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

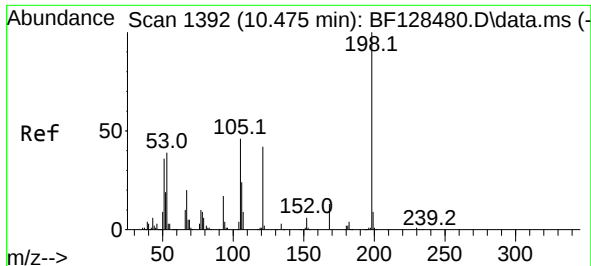
Tgt Ion:	165	Resp:	56526
Ion Ratio	Lower	Upper	
165	100		
63	1.2	39.8	59.6#
89	1.2	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:	188	Resp:	764455
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.0	10.6
80	8.6	7.6	11.4

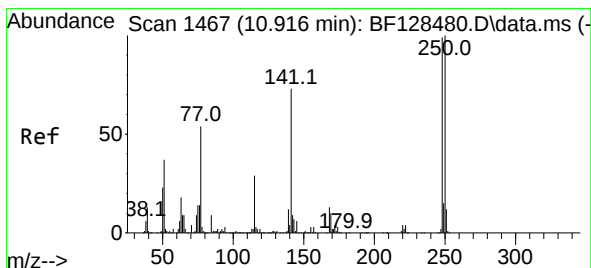
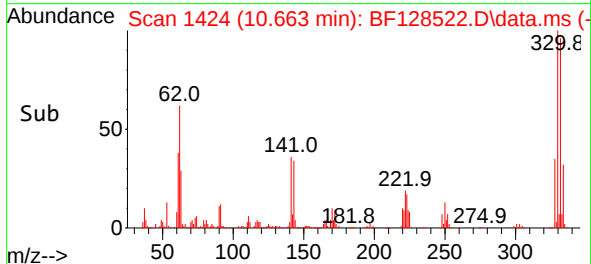
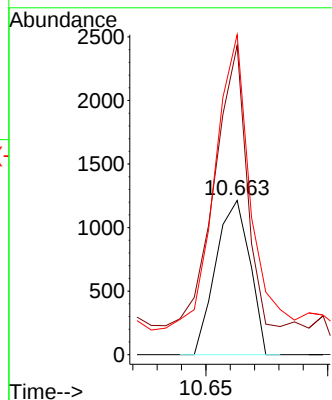
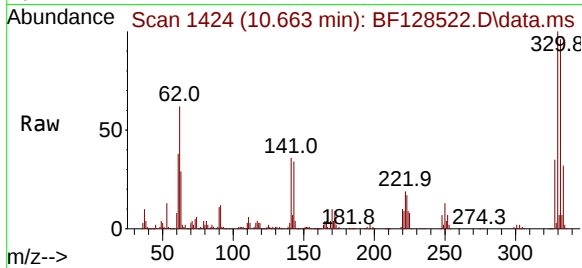




#65
4,6-Dinitro-2-methylphenol
Concen: 5.797 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

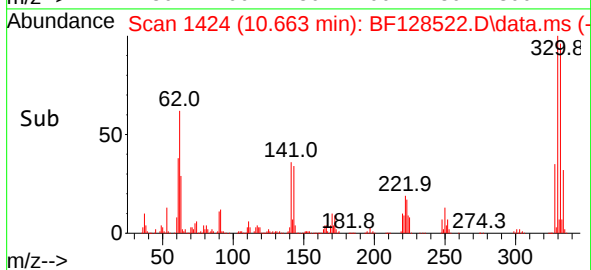
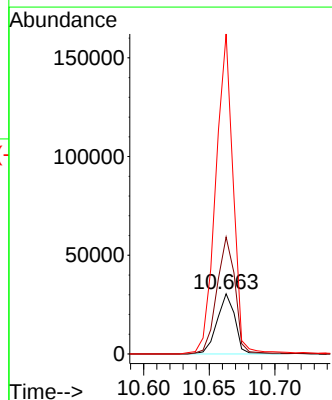
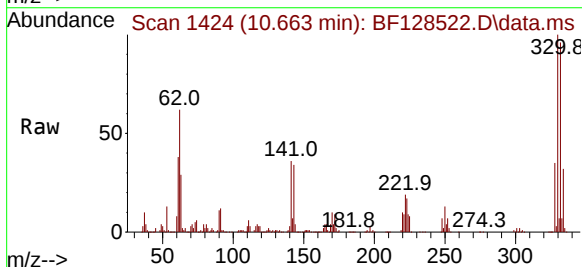
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

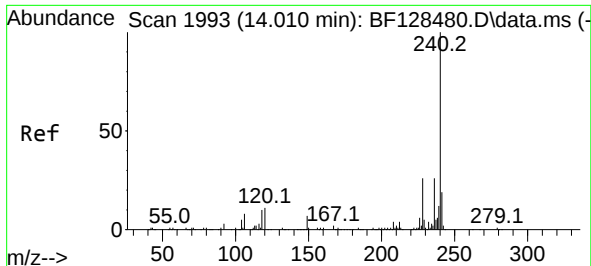
Tgt Ion:198 Resp: 1179
Ion Ratio Lower Upper
198 100
51 200.5 37.6 77.6#
105 207.4 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:248 Resp: 29033
Ion Ratio Lower Upper
248 100
250 194.7 80.6 120.8#
141 532.4 58.9 88.3#

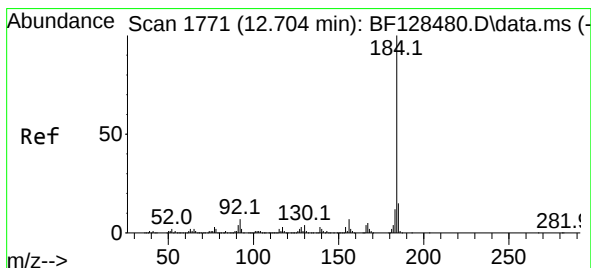
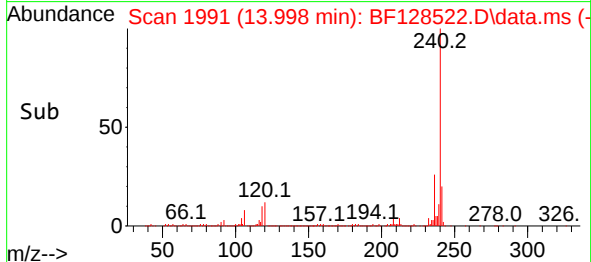
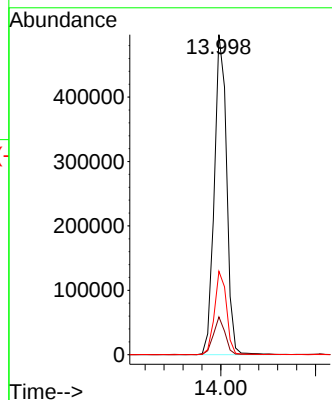
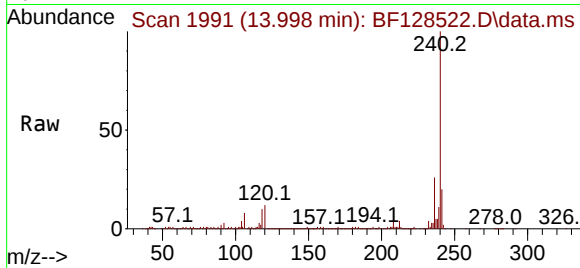




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

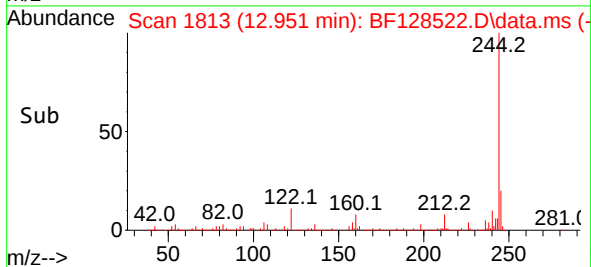
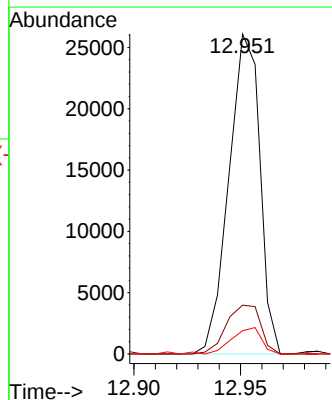
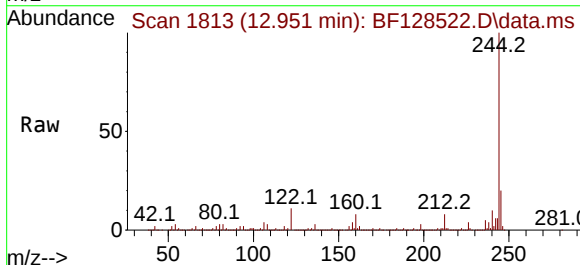
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

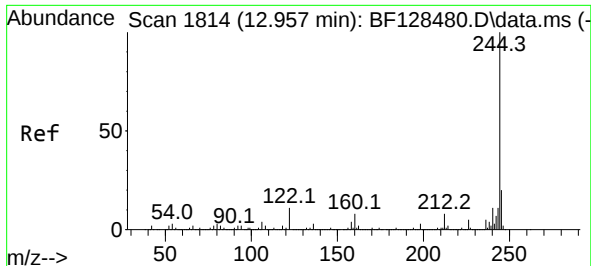
Tgt Ion:240 Resp: 447399
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.1 20.8 31.2



#77
Benzidine
Concen: 2.558 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:184 Resp: 26394
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 7.3 9.3 13.9#

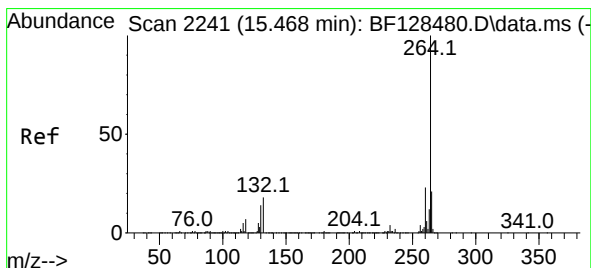
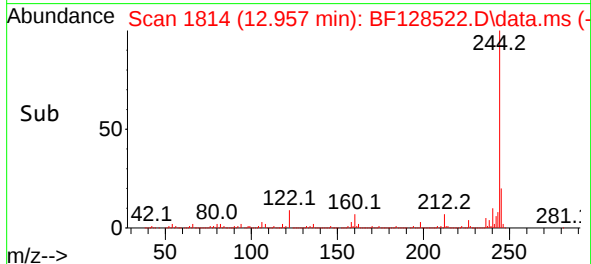
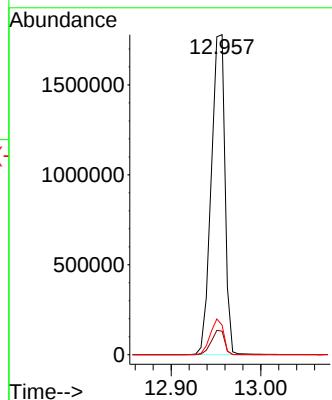
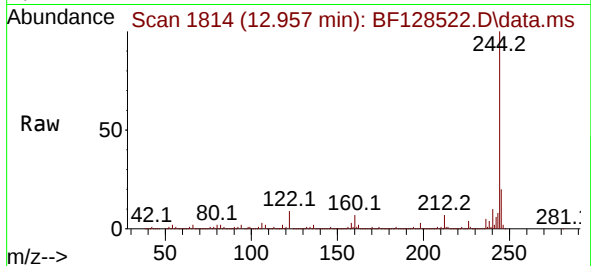




#79
 Terphenyl-d14
 Concen: 81.592 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF128522.D
 Acq: 27 May 2022 21:29

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-0006-01

Tgt Ion:244 Resp: 1889501
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128522.D
 Acq: 27 May 2022 21:29

Tgt Ion:264 Resp: 391447
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.5 17.2 25.8

