

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128554.D
 Acq On : 28 May 2022 18:07
 Operator : CG\JU
 Sample : N2933-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS003-0006-01

Quant Time: May 28 22:43:19 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)

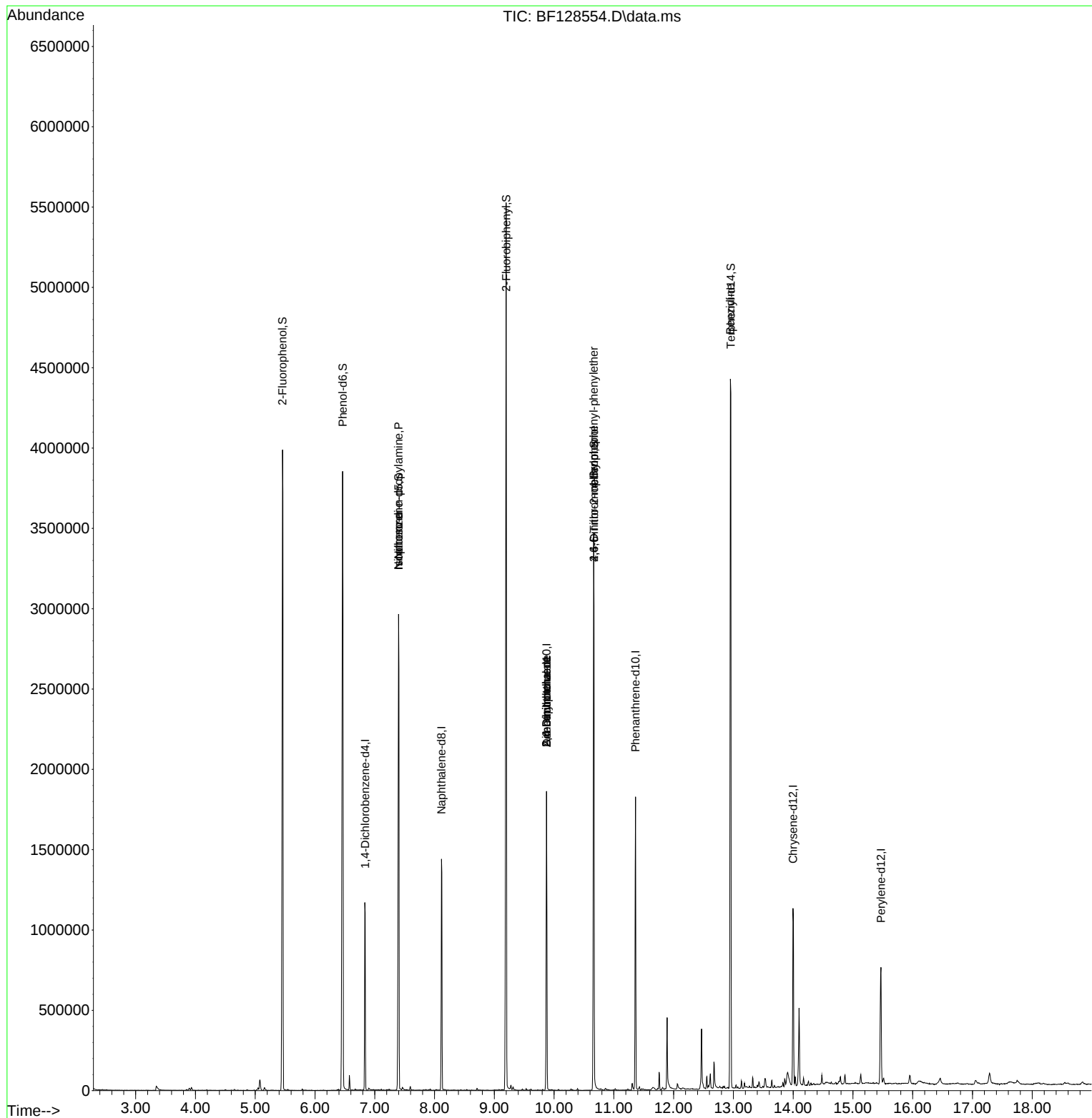
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	164607	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	640468	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	353606	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	623848	20.000	ng	0.00
76) Chrysene-d12	13.998	240	384439	20.000	ng	-0.01
86) Perylene-d12	15.468	264	335925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1177026	118.442	ng	0.00
7) Phenol-d6	6.463	99	1536337	121.251	ng	0.00
23) Nitrobenzene-d5	7.398	82	1053046	94.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	434270	129.027	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1817137	83.488	ng	0.00
79) Terphenyl-d14	12.957	244	1713627	86.117	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	348	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.398	70	146475	18.854	ng	# 79
25) Isophorone	7.398	82	1050967	51.315	ng	# 65
50) Dimethylphthalate	9.875	163	63254	2.758	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	46191	10.988	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	46191	9.185	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1229	5.879	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	29061	4.509	ng	# 1
77) Benzidine	12.951	184	24626	2.777	ng	# 90

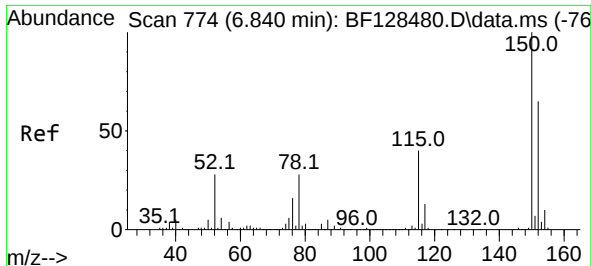
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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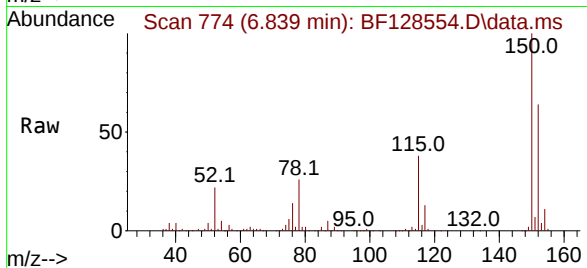
Quant Time: May 28 22:43:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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QLast Update : Fri May 27 01:51:59 2022
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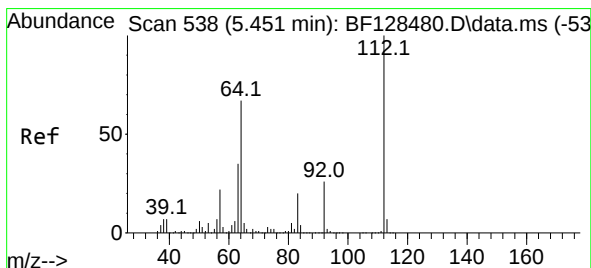
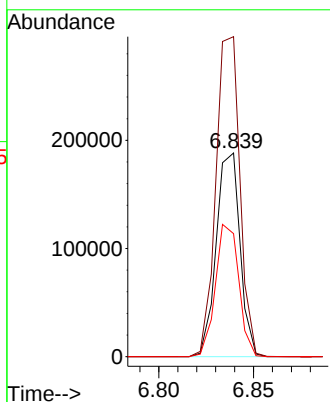
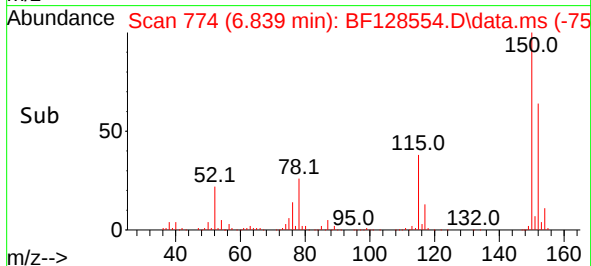


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Instrument :
BNA_F
ClientSampleId :
P023-SS003-0006-01

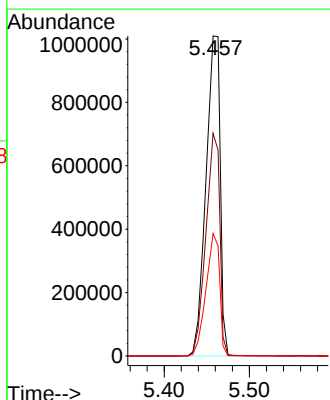
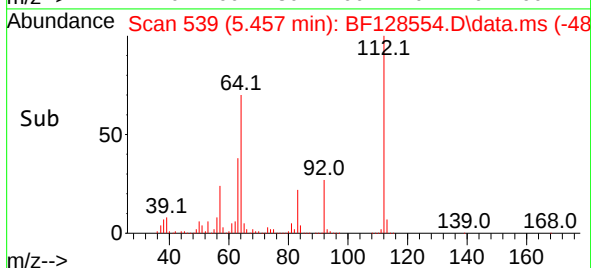
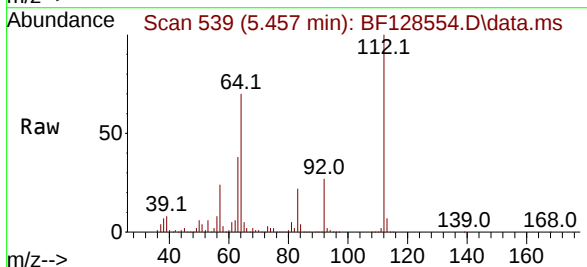


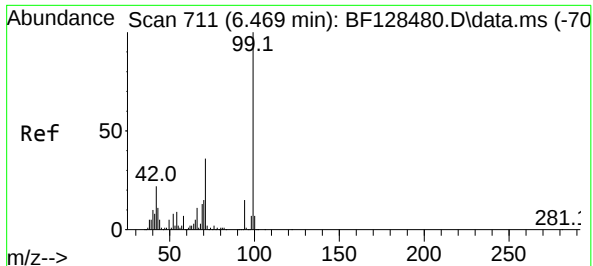
Tgt Ion:152 Resp: 164607
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 60.4 49.9 74.9



#5
2-Fluorophenol
Concen: 118.442 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion:112 Resp: 1177026
Ion Ratio Lower Upper
112 100
64 69.5 53.3 79.9
63 38.3 28.0 42.0

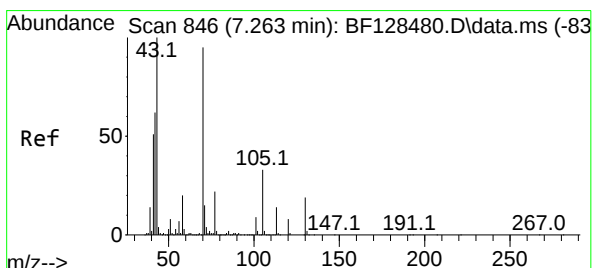
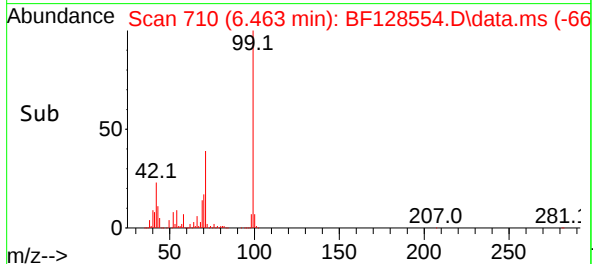
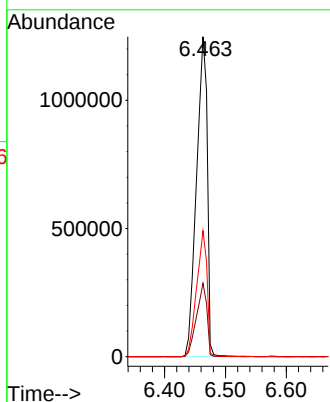
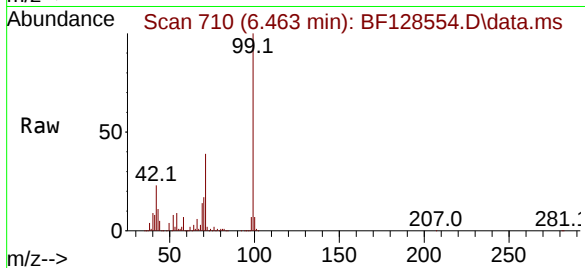




#7
Phenol-d6
Concen: 121.251 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

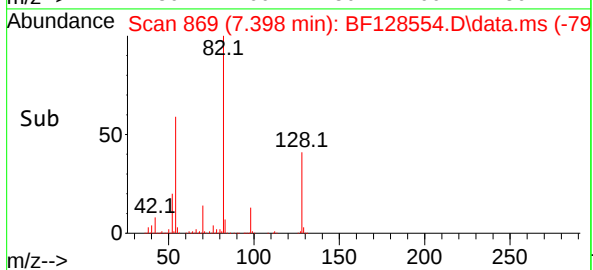
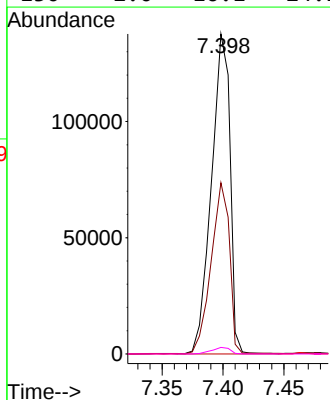
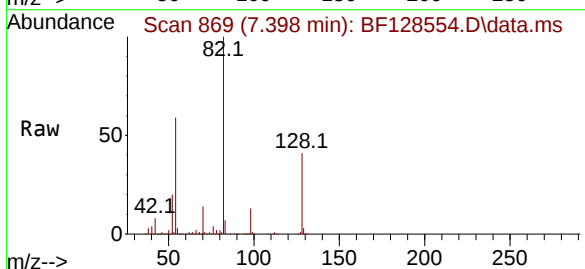
Instrument :
BNA_F
ClientSampleId :
P023-SS003-0006-01

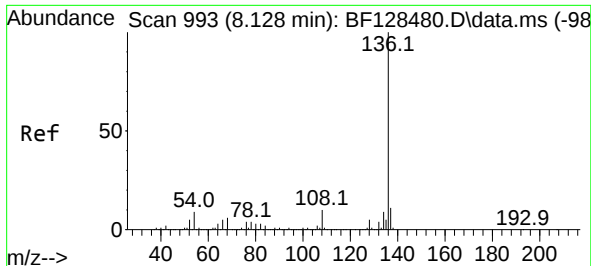
Tgt Ion: 99 Resp: 1536337
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 39.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.854 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion: 70 Resp: 146475
Ion Ratio Lower Upper
70 100
42 53.5 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

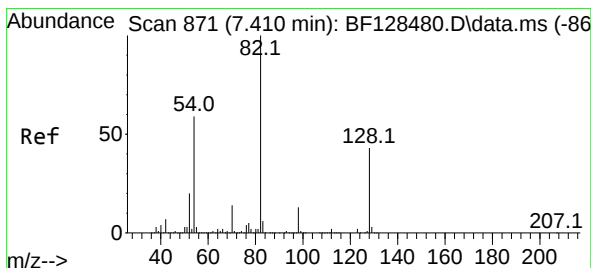
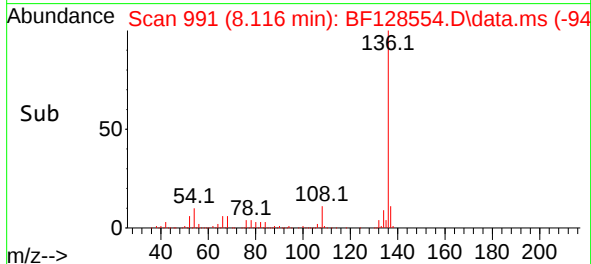
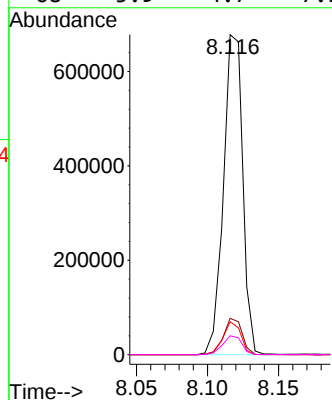
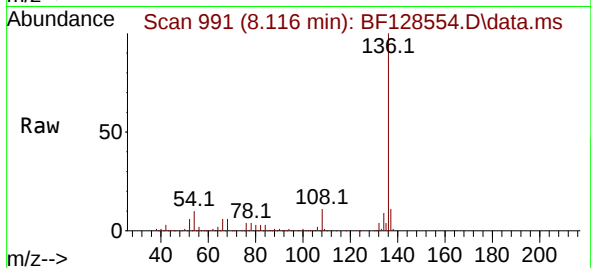




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

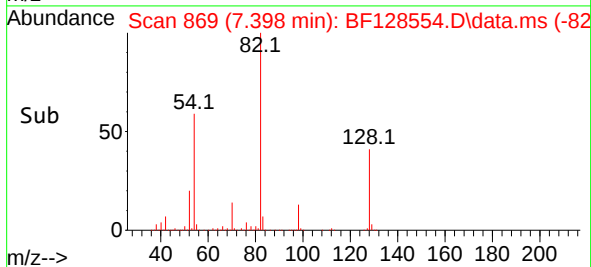
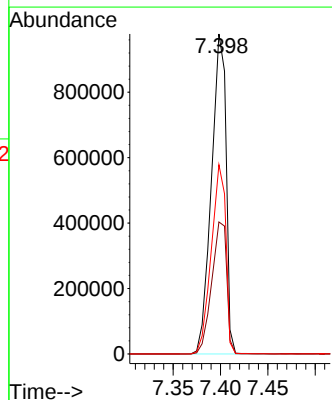
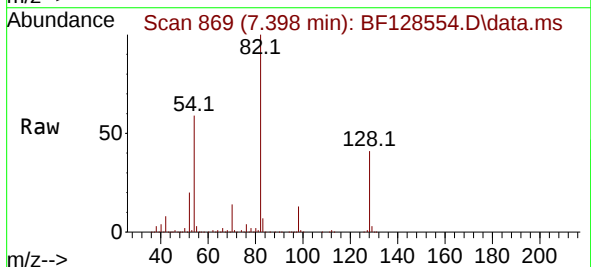
Instrument :
BNA_F
ClientSampleId :
P023-SS003-0006-01

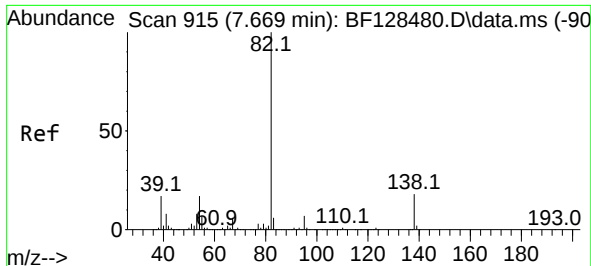
Tgt Ion:	136	Resp:	640468
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	10.3	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 94.850 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion:	82	Resp:	1053046
Ion Ratio	Lower	Upper	
82	100		
128	41.3	34.0	51.0
54	59.2	46.9	70.3

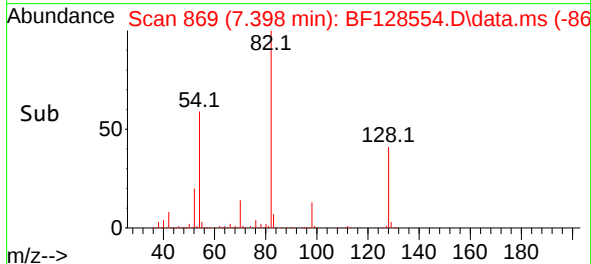
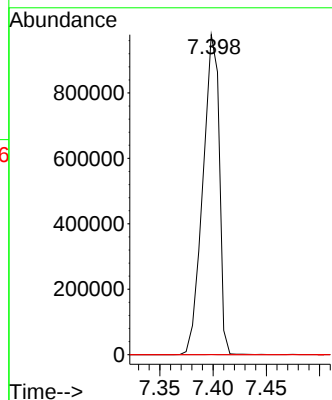
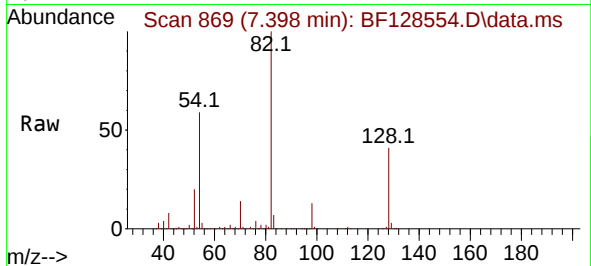




#25
Isophorone
Concen: 51.315 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

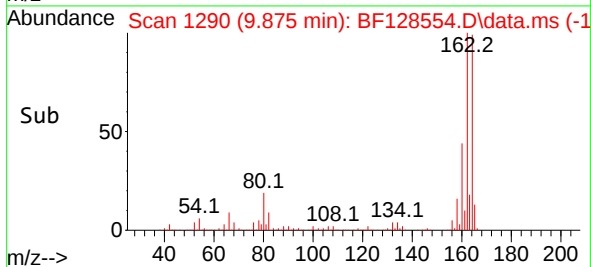
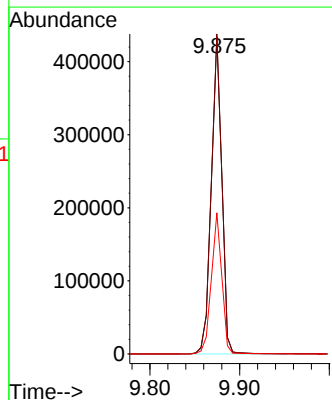
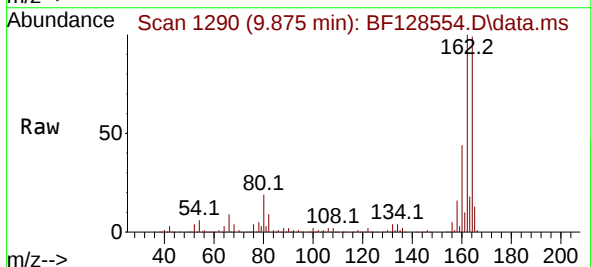
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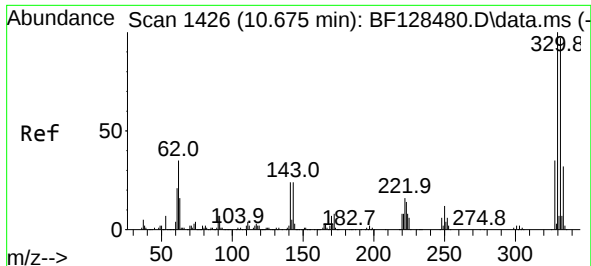
Tgt Ion: 82 Resp: 1050967
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion:164 Resp: 353606
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 129.027 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128554.D

Acq: 28 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

P023-SS003-0006-01

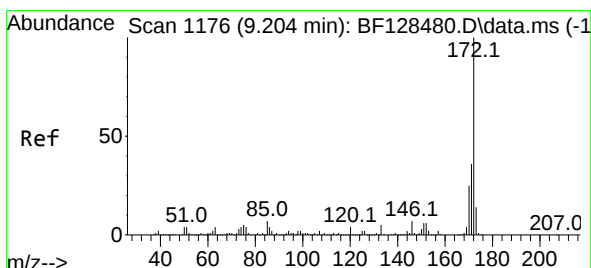
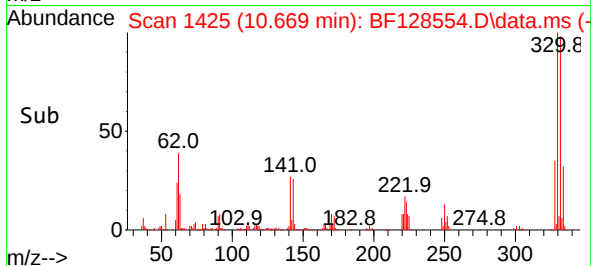
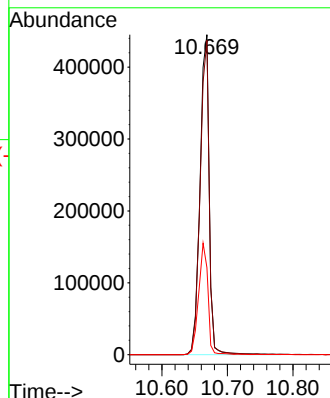
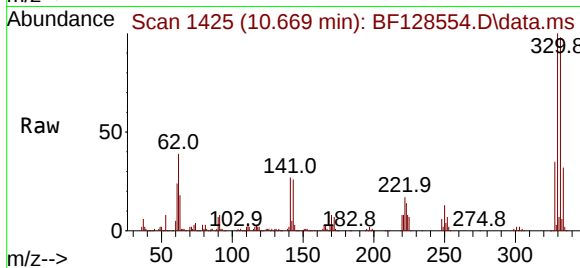
Tgt Ion:330 Resp: 434270

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.488 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128554.D

Acq: 28 May 2022 18:07

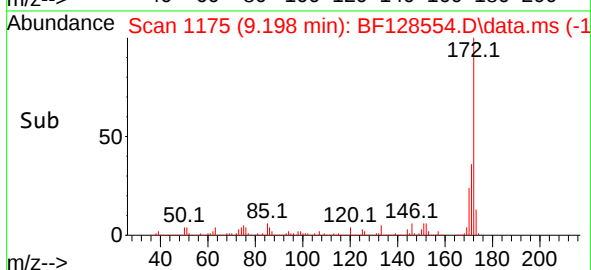
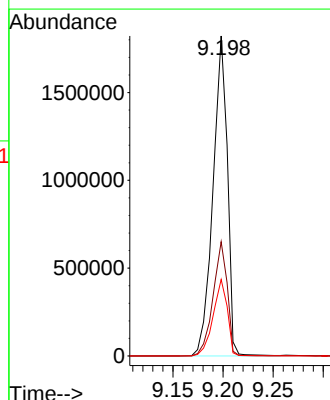
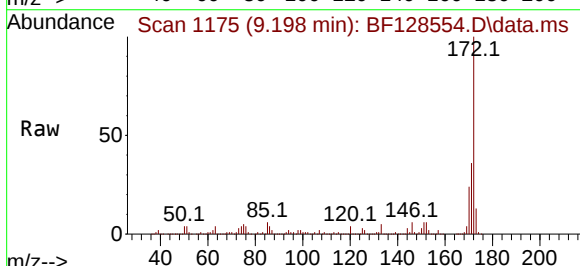
Tgt Ion:172 Resp: 1817137

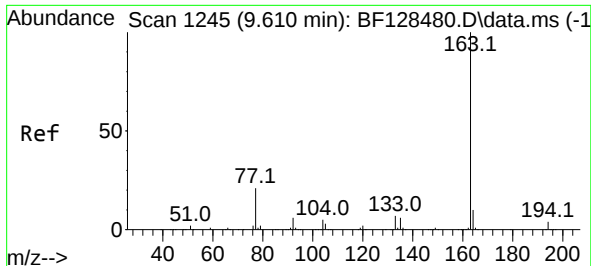
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.9 19.8 29.8

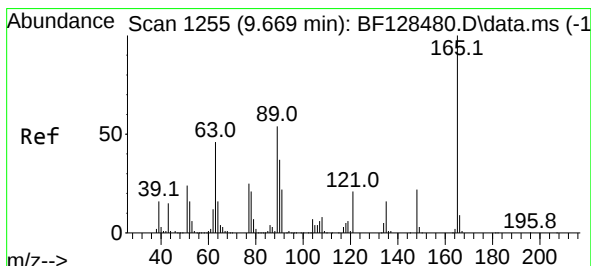
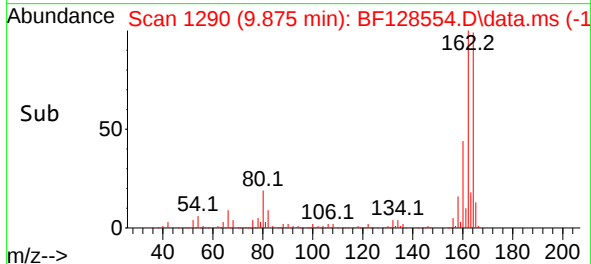
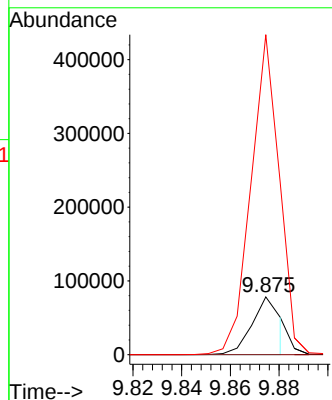
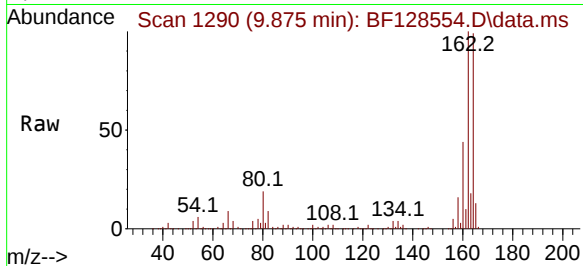




#50
Dimethylphthalate
Concen: 2.758 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

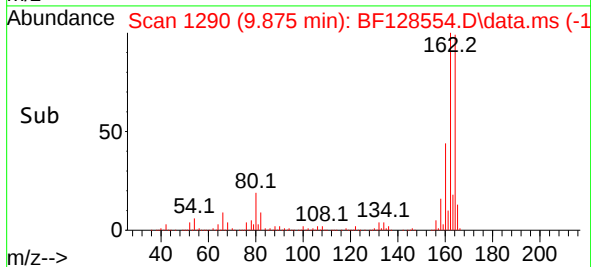
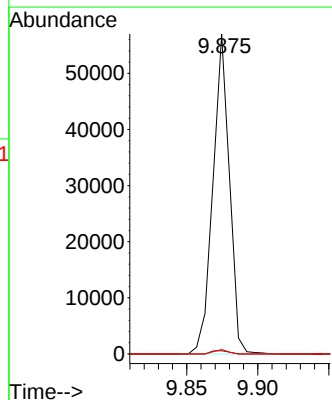
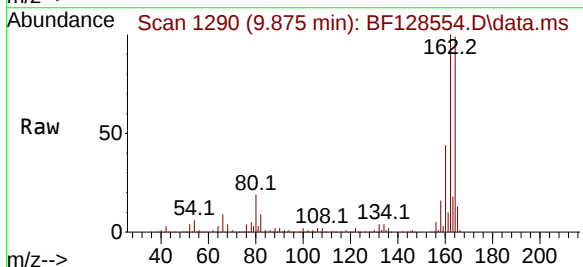
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P023-SS003-0006-01

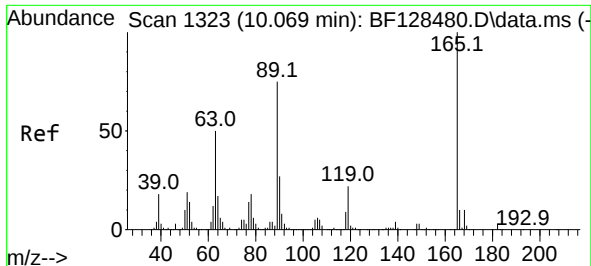
Tgt Ion:163 Resp: 63254
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 554.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.988 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion:165 Resp: 46191
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#

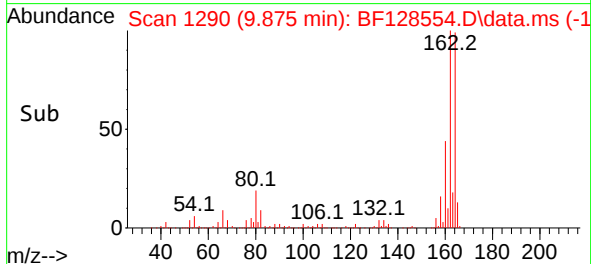
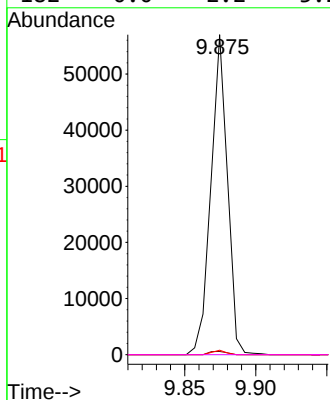
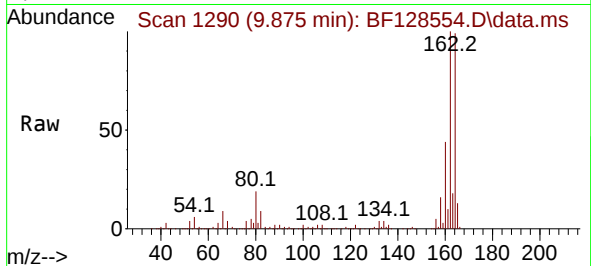




#57
2,4-Dinitrotoluene
Concen: 9.185 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

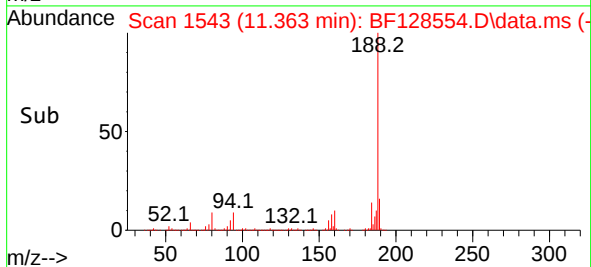
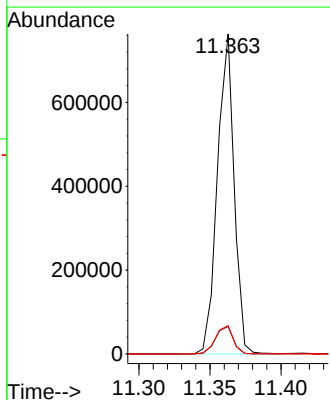
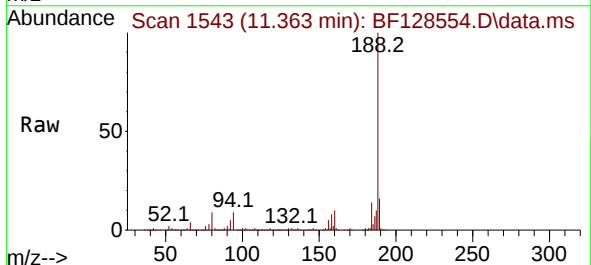
Instrument :
BNA_F
ClientSampleId :
P023-SS003-0006-01

Tgt Ion:165 Resp: 46191
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.4 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: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion:188 Resp: 623848
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.9 7.6 11.4

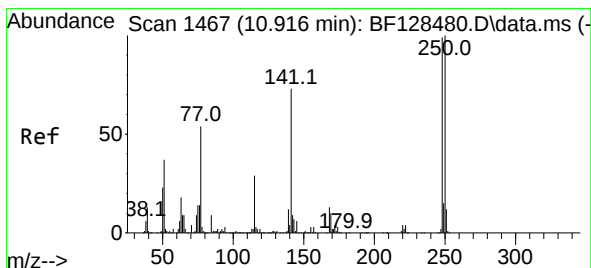
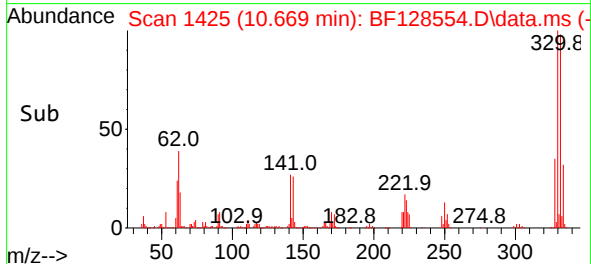
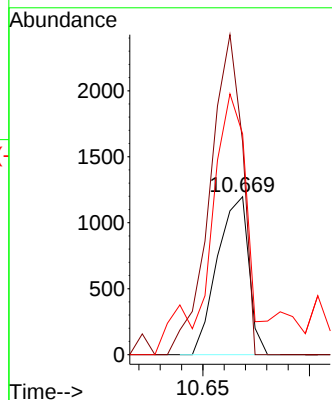
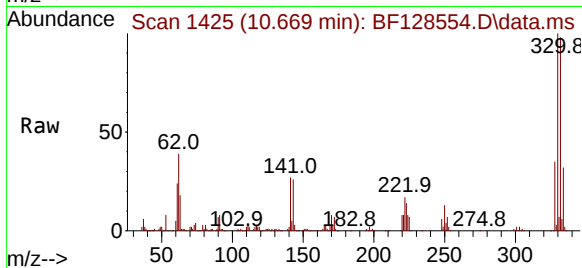




#65
4,6-Dinitro-2-methylphenol
Concen: 5.879 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

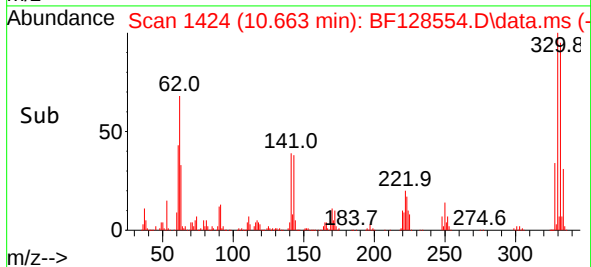
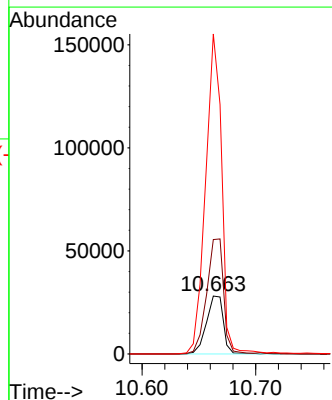
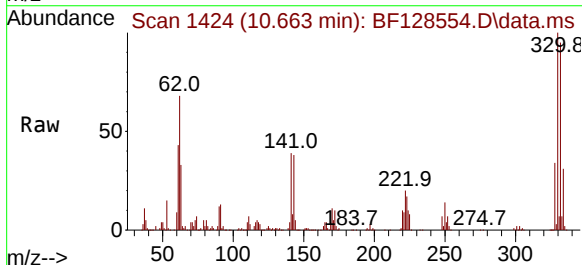
Instrument :
BNA_F
ClientSampleId :
P023-SS003-0006-01

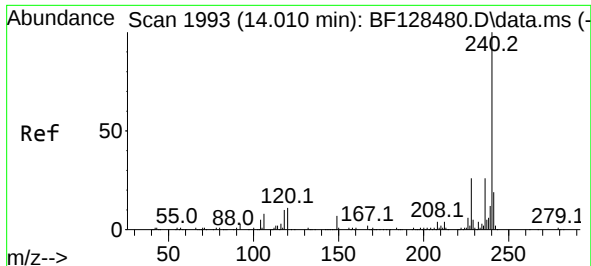
Tgt Ion:198 Resp: 1229
Ion Ratio Lower Upper
198 100
51 134.7 37.6 77.6#
105 139.8 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.509 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion:248 Resp: 29061
Ion Ratio Lower Upper
248 100
250 197.6 80.6 120.8#
141 552.5 58.9 88.3#

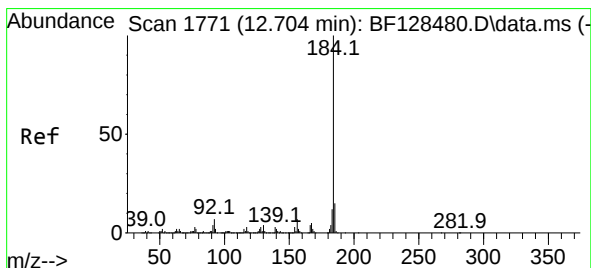
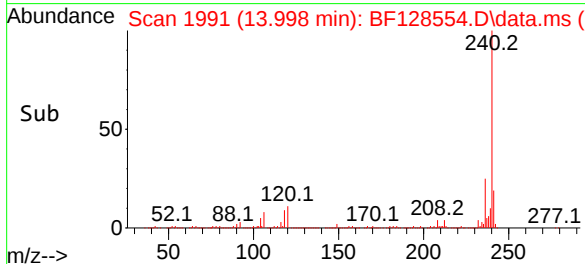
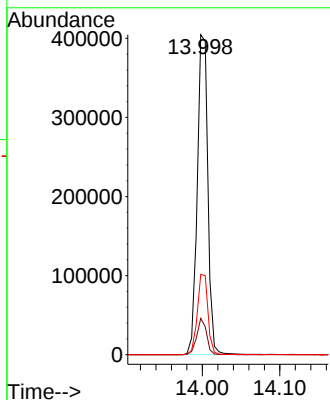
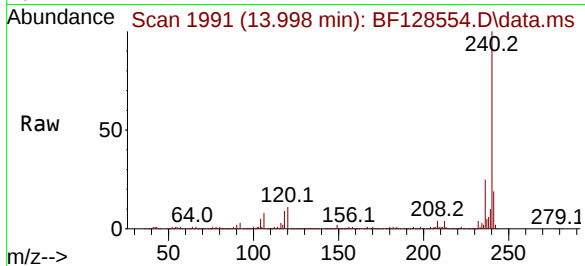




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

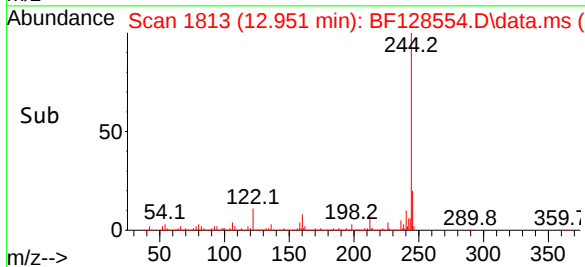
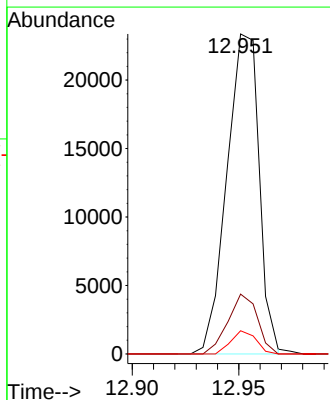
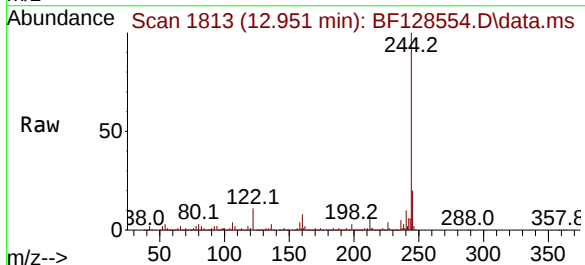
Instrument :
BNA_F
ClientSampleId :
P023-SS003-0006-01

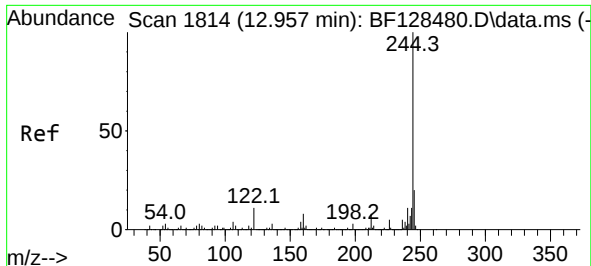
Tgt Ion:240 Resp: 384439
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.1 20.8 31.2



#77
Benzidine
Concen: 2.777 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128554.D
Acq: 28 May 2022 18:07

Tgt Ion:184 Resp: 24626
Ion Ratio Lower Upper
184 100
185 18.7 11.9 17.9#
183 7.3 9.3 13.9#

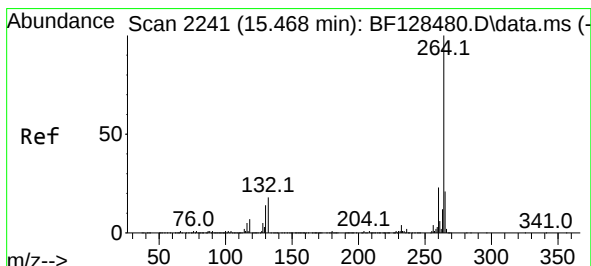
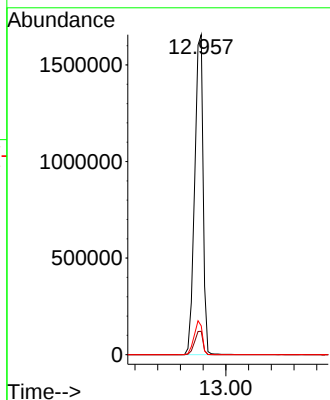
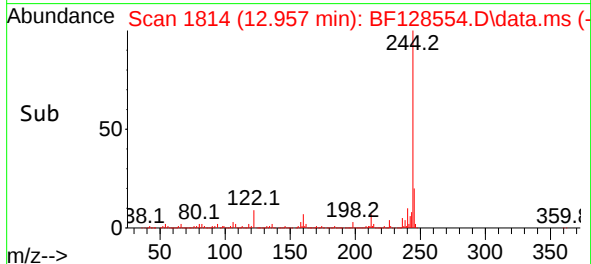
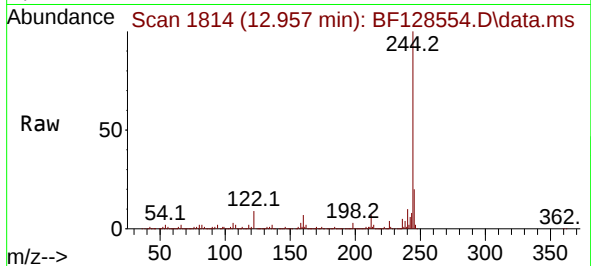




#79
 Terphenyl-d14
 Concen: 86.117 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128554.D
 Acq: 28 May 2022 18:07

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS003-0006-01

Tgt Ion:244 Resp: 1713627
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128554.D
 Acq: 28 May 2022 18:07

Tgt Ion:264 Resp: 335925
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 21.4 17.2 25.8

