

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128508.D
 Acq On : 27 May 2022 14:10
 Operator : CG\JU
 Sample : N2927-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-0612-01

Quant Time: May 27 23:18:16 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)

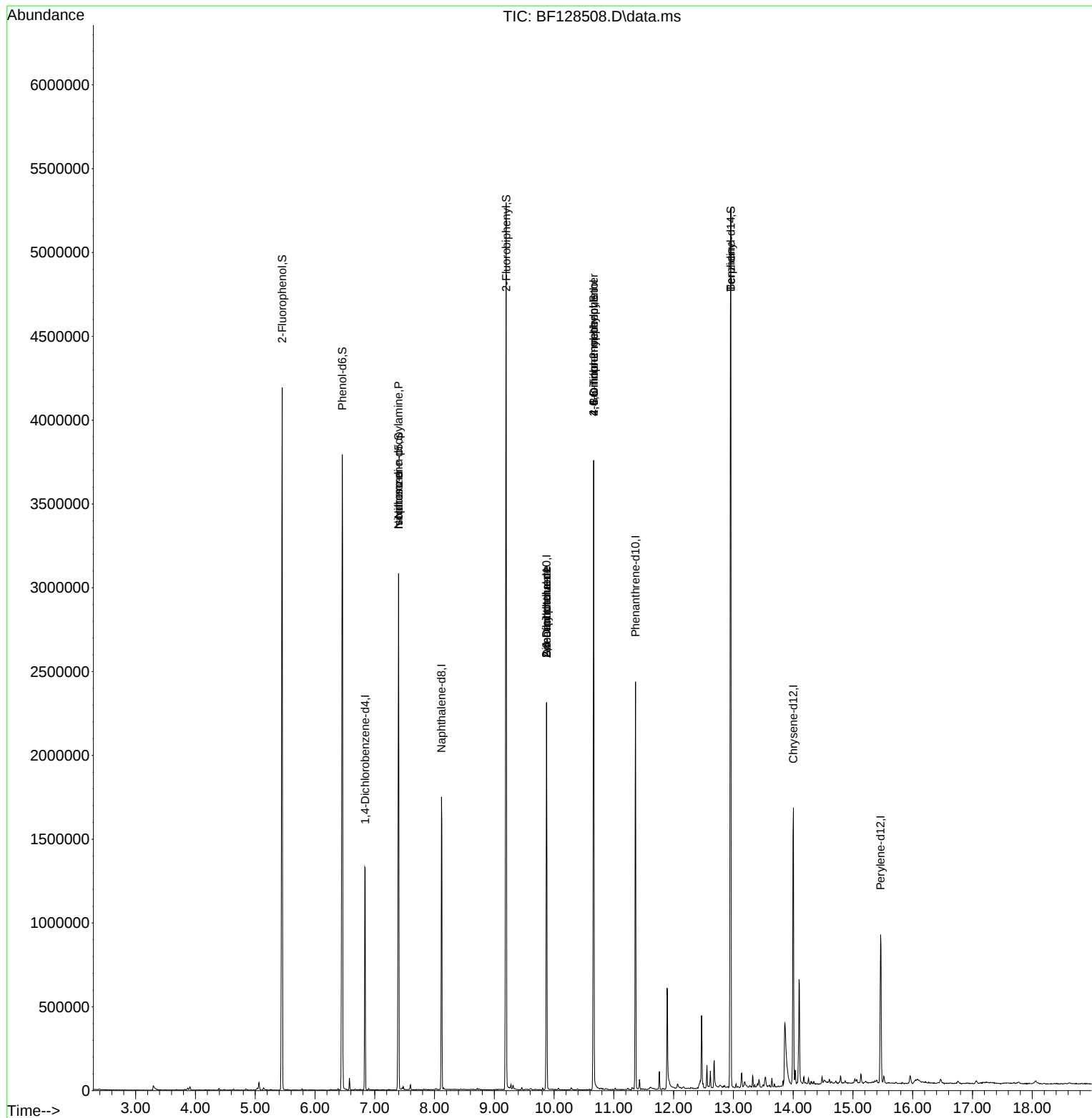
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	197536	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	770997	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	446004	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	854833	20.000	ng	0.00
76) Chrysene-d12	14.004	240	567969	20.000	ng	0.00
86) Perylene-d12	15.462	264	406185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1131494	94.880	ng	0.00
7) Phenol-d6	6.457	99	1460552	96.054	ng	-0.01
23) Nitrobenzene-d5	7.398	82	956068	71.536	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	432513	101.883	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1714152	62.441	ng	0.00
79) Terphenyl-d14	12.957	244	1916354	65.185	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	289	Below Cal	#	60
19) n-Nitroso-di-n-propyla...	7.398	70	126489	13.567	ng	# 79
25) Isophorone	7.398	82	954417	38.711	ng	# 65
50) Dimethylphthalate	9.875	163	78126	2.700	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	58497	11.033	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	58498	9.222	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1336	5.801	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	29031	3.287	ng	# 1
77) Benzidine	12.957	184	26931	2.056	ng	# 93

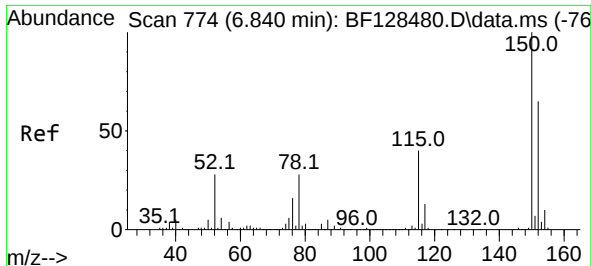
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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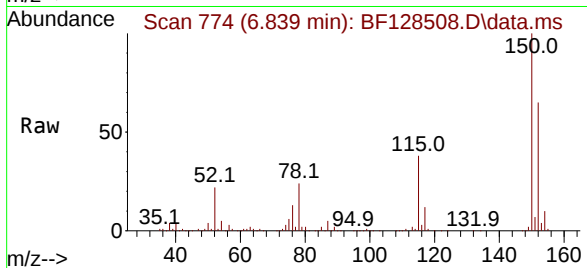
Quant Time: May 27 23:18:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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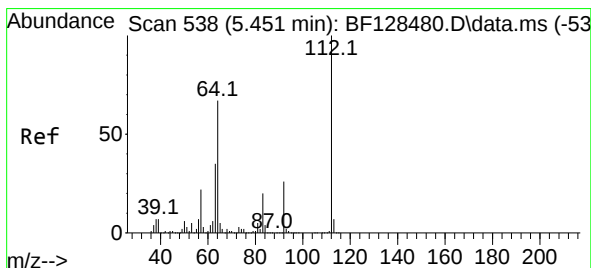
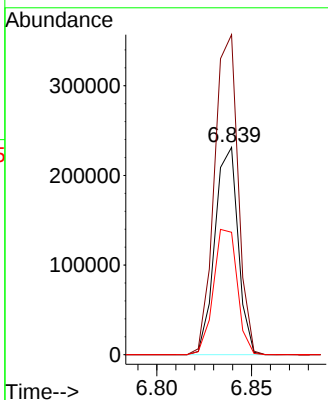
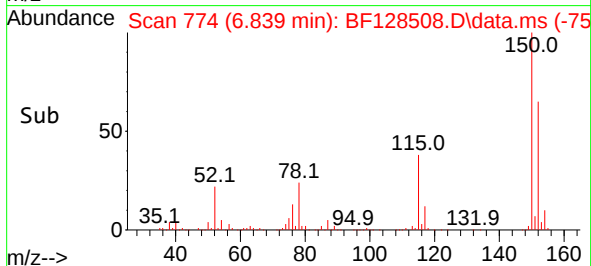


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Instrument :
BNA_F
ClientSampleId :
P010-SS003-0612-01

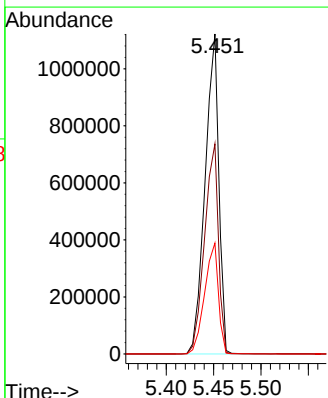
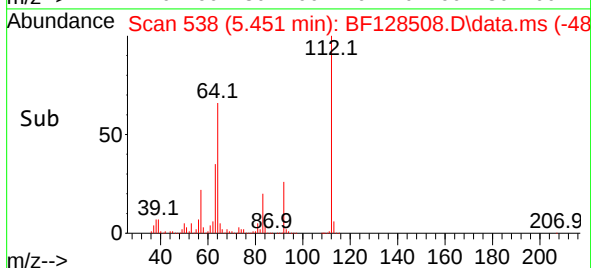
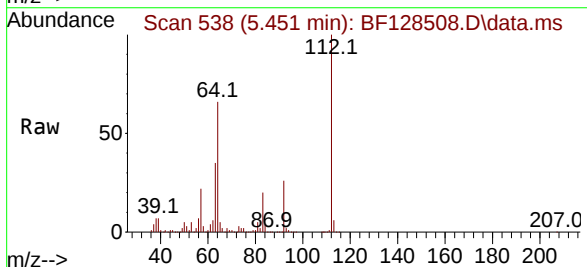


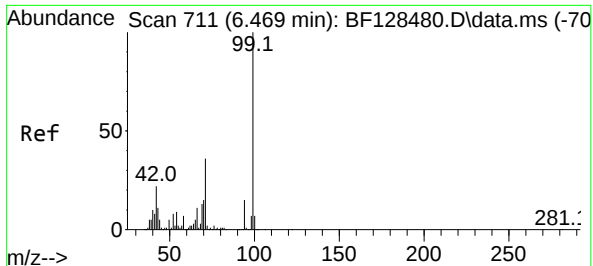
Tgt Ion:152 Resp: 197536
Ion Ratio Lower Upper
152 100
150 154.3 123.7 185.5
115 59.1 49.9 74.9



#5
2-Fluorophenol
Concen: 94.880 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Tgt Ion:112 Resp: 1131494
Ion Ratio Lower Upper
112 100
64 65.7 53.3 79.9
63 34.6 28.0 42.0



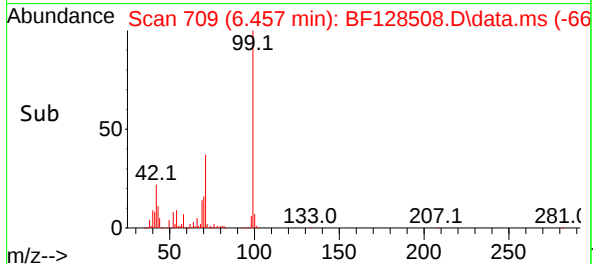
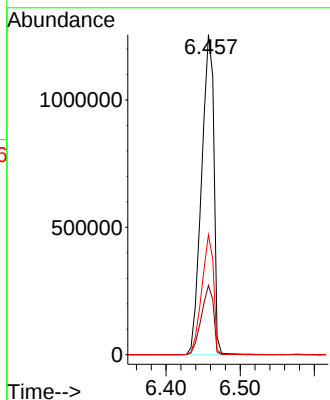
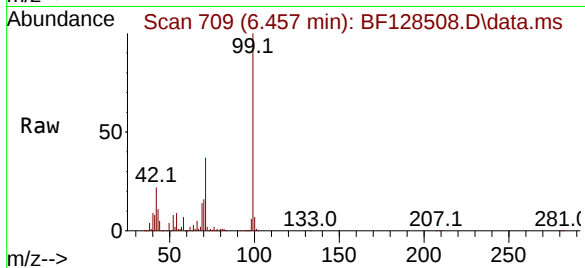


#7
Phenol-d6
Concen: 96.054 ng
RT: 6.457 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Instrument :
BNA_F
ClientSampleId :
P010-SS003-0612-01

Tgt Ion: 99 Resp: 1460552

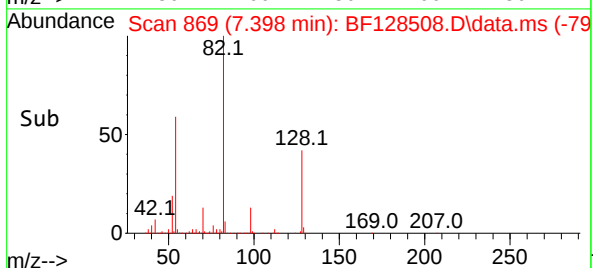
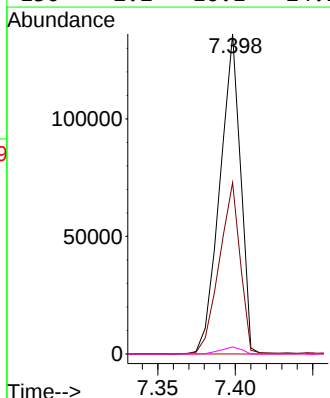
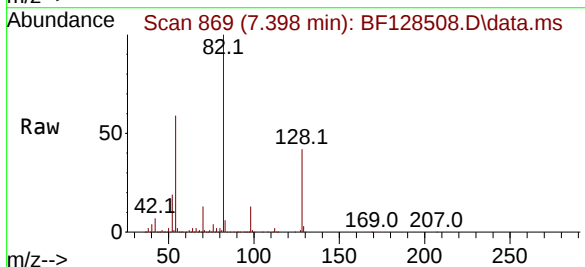
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.3	25.9
71	37.5	28.9	43.3

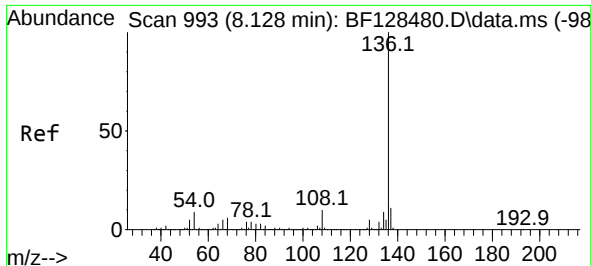


#19
n-Nitroso-di-n-propylamine
Concen: 13.567 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Tgt Ion: 70 Resp: 126489

Ion	Ratio	Lower	Upper
70	100		
42	53.5	52.3	78.5
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#

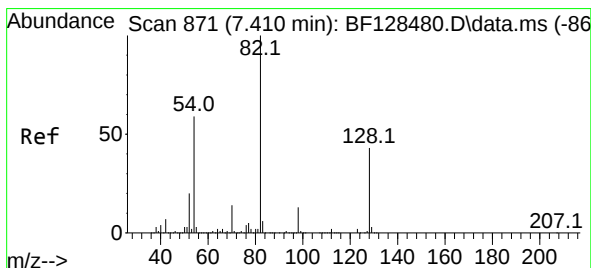
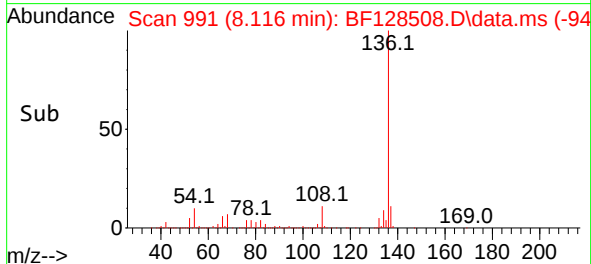
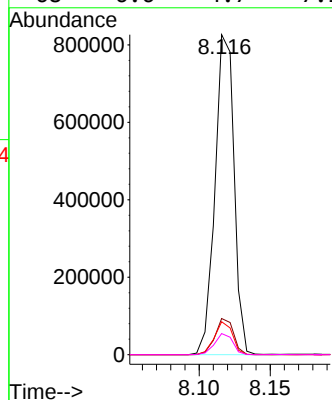
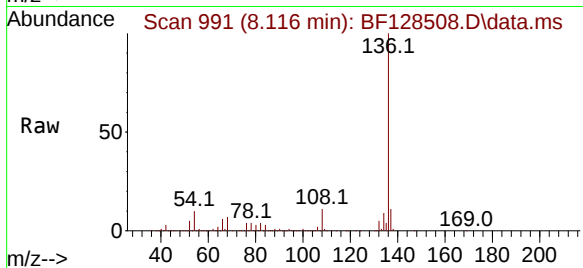




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

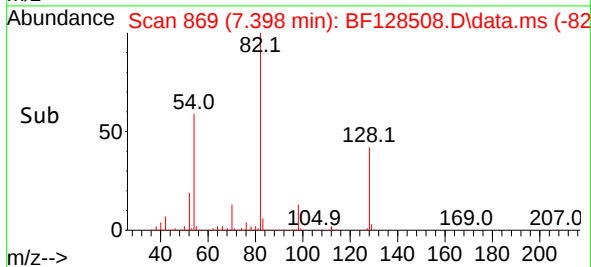
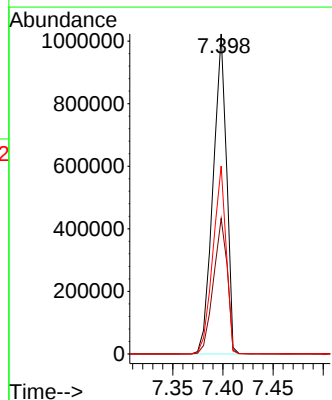
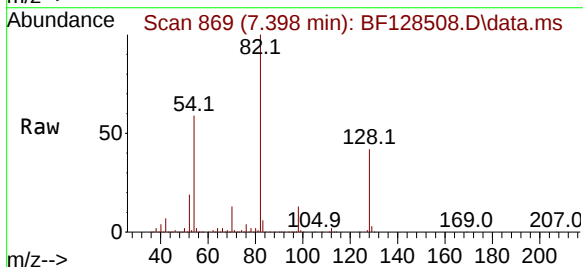
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0612-01

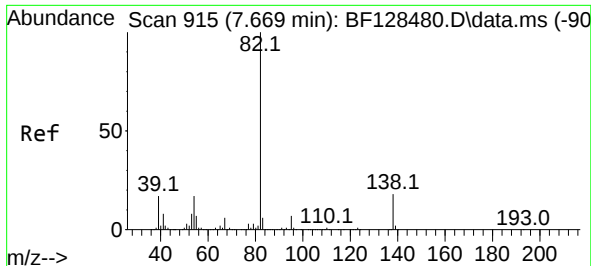
Tgt Ion:	136	Resp:	770997
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.3	7.5	11.3
68	6.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.536 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Tgt Ion:	82	Resp:	956068
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	58.7	46.9	70.3

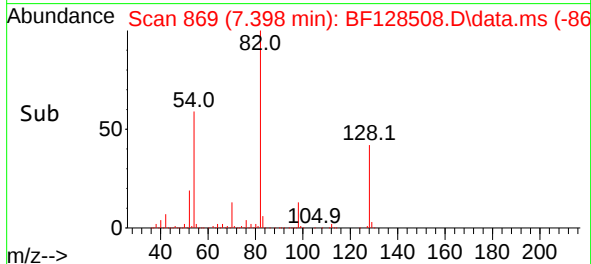
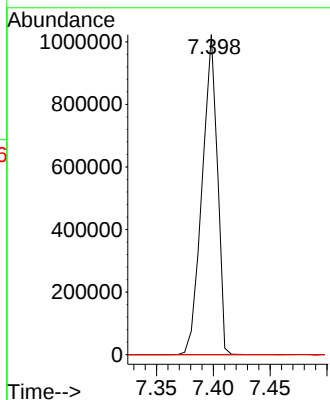
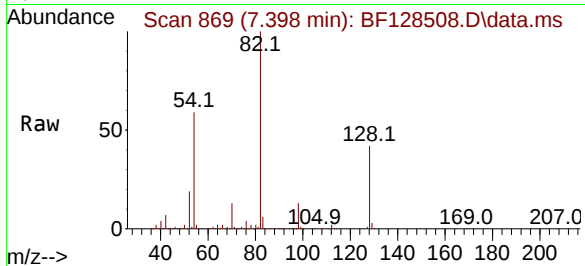




#25
Isophorone
Concen: 38.711 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

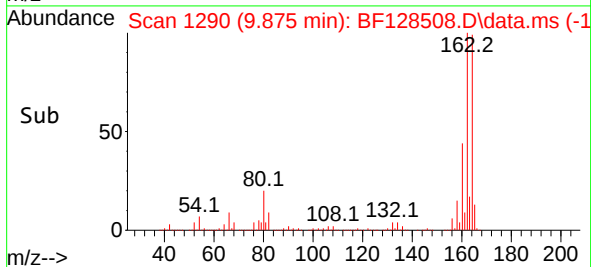
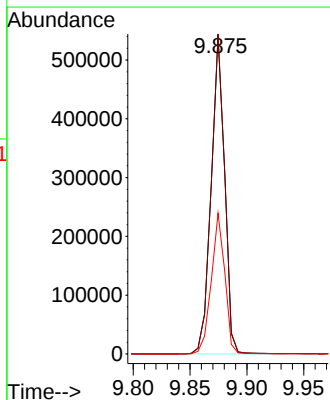
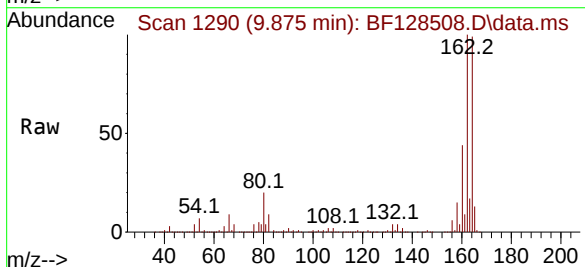
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0612-01

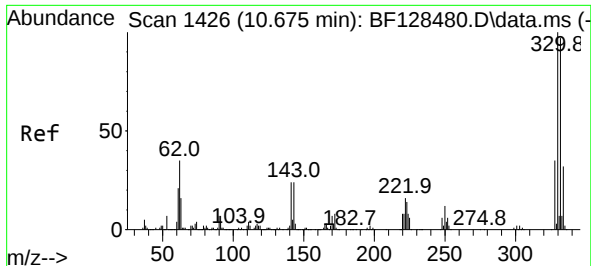
Tgt Ion: 82 Resp: 954417
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Tgt Ion:164 Resp: 446004
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 101.883 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128508.D

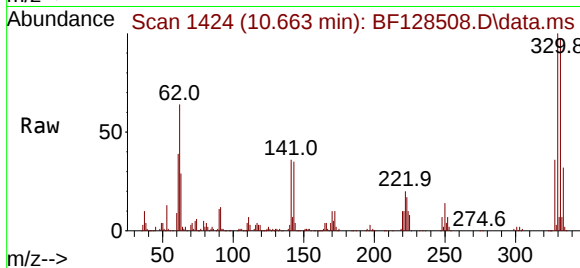
Acq: 27 May 2022 14:10

Instrument :

BNA_F

ClientSampleId :

P010-SS003-0612-01



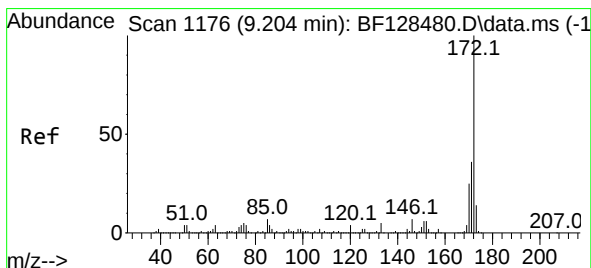
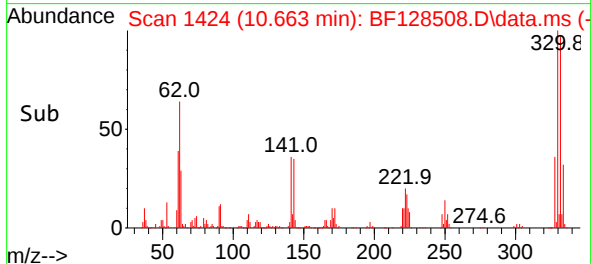
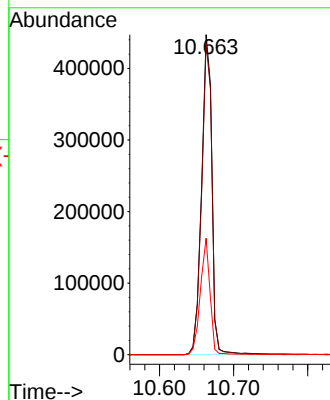
Tgt Ion:330 Resp: 432513

Ion Ratio Lower Upper

330 100

332 97.9 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 62.441 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128508.D

Acq: 27 May 2022 14:10

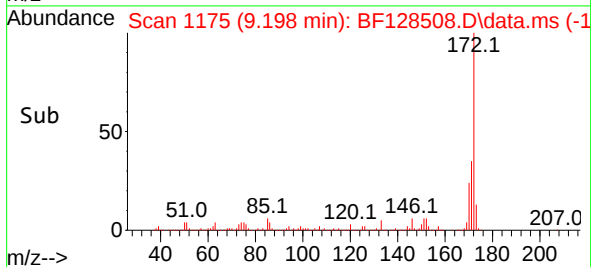
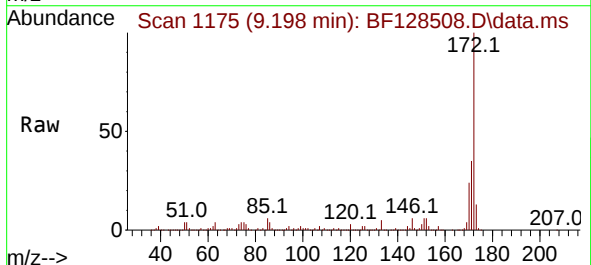
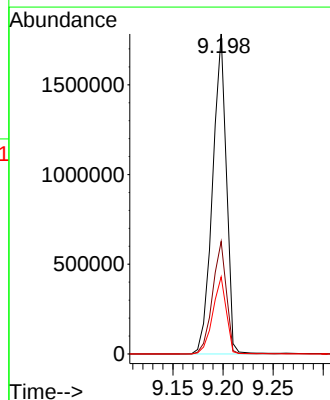
Tgt Ion:172 Resp: 1714152

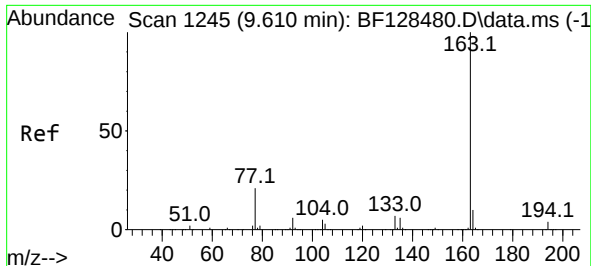
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 24.1 19.8 29.8

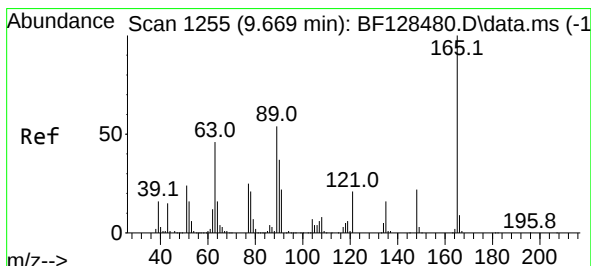
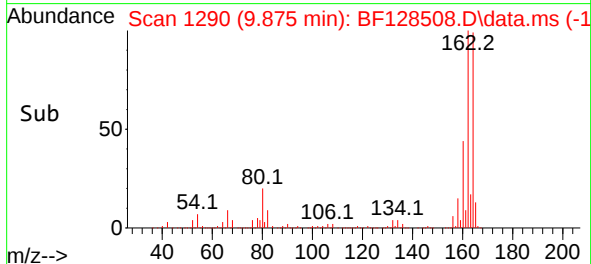
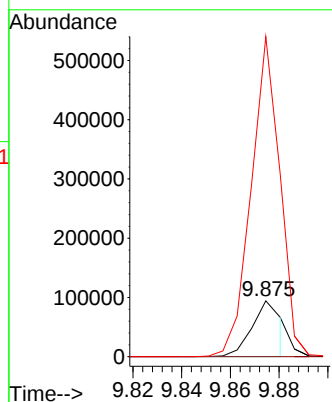
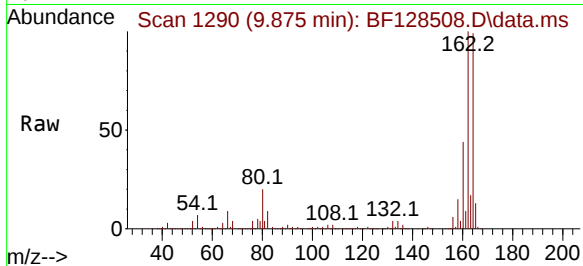




#50
Dimethylphthalate
Concen: 2.700 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

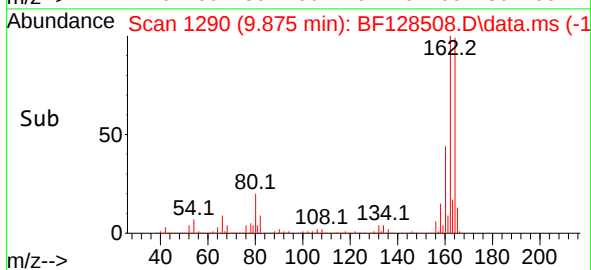
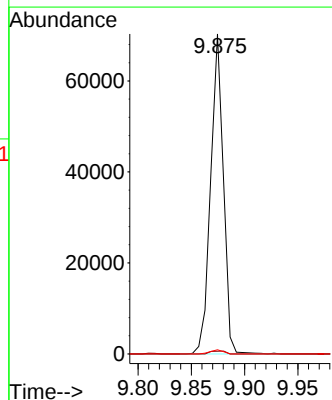
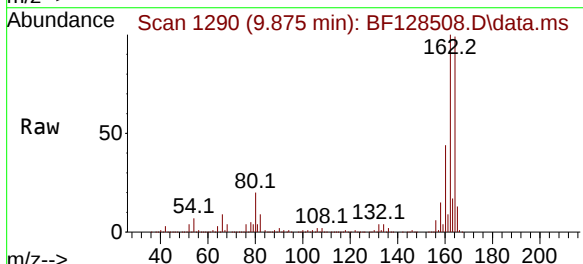
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0612-01

Tgt Ion:163 Resp: 78126
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 573.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 11.033 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Tgt Ion:165 Resp: 58497
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#

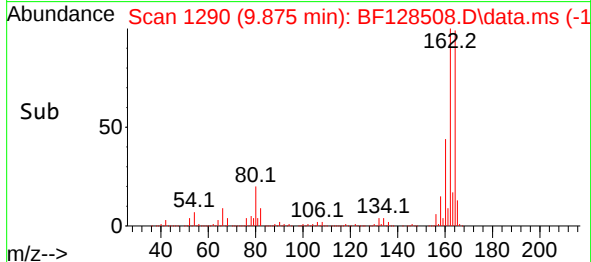
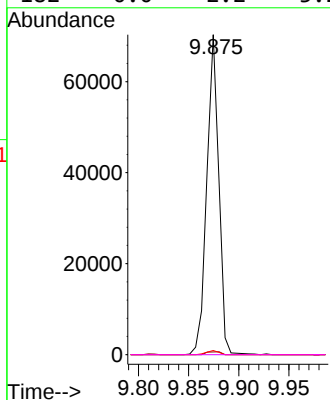
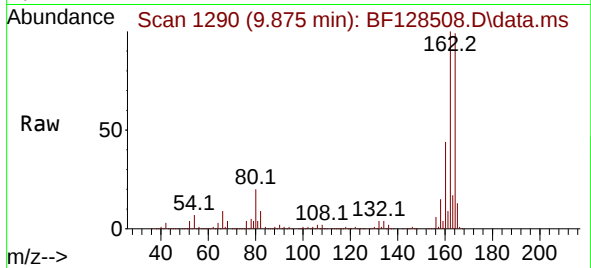




#57
2,4-Dinitrotoluene
Concen: 9.222 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

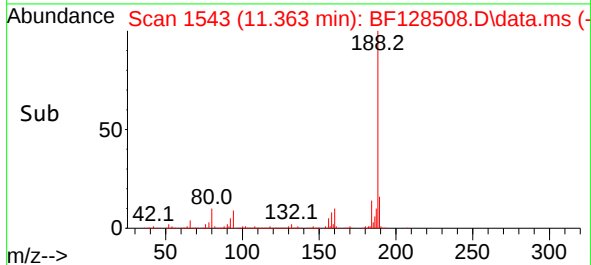
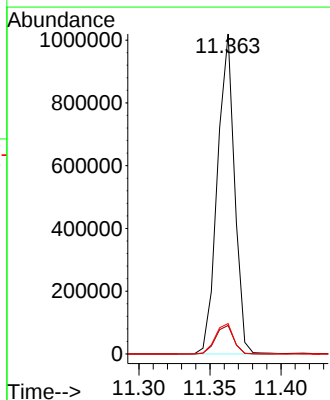
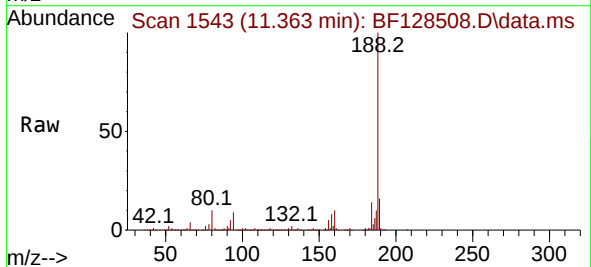
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0612-01

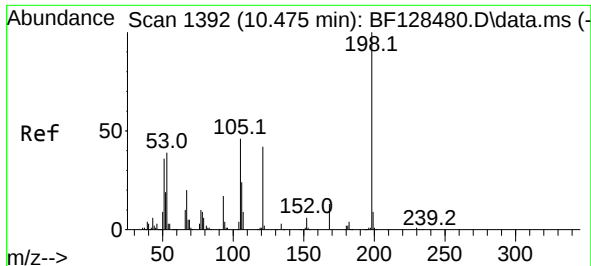
Tgt Ion:165 Resp: 58498
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Tgt Ion:188 Resp: 854833
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.5 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.801 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128508.D

Acq: 27 May 2022 14:10

Instrument :

BNA_F

ClientSampleId :

P010-SS003-0612-01

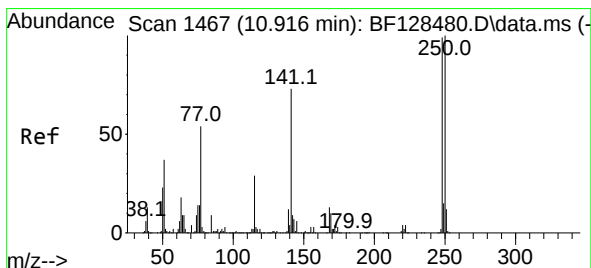
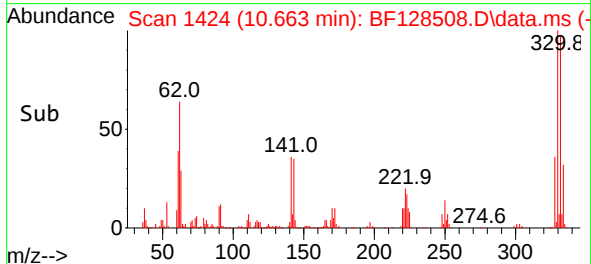
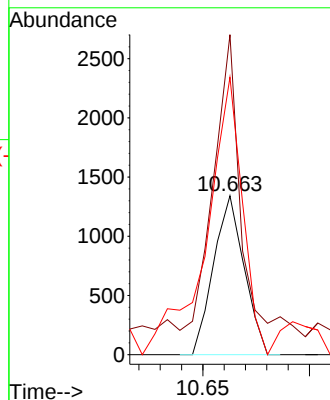
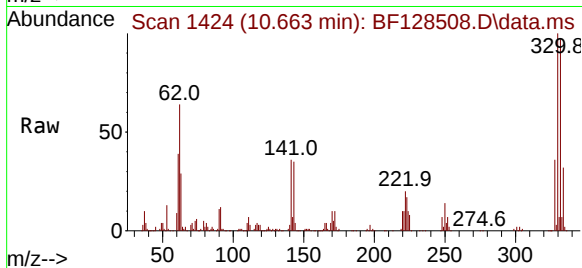
Tgt Ion:198 Resp: 1336

Ion Ratio Lower Upper

198 100

51 201.5 37.6 77.6#

105 174.7 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.287 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128508.D

Acq: 27 May 2022 14:10

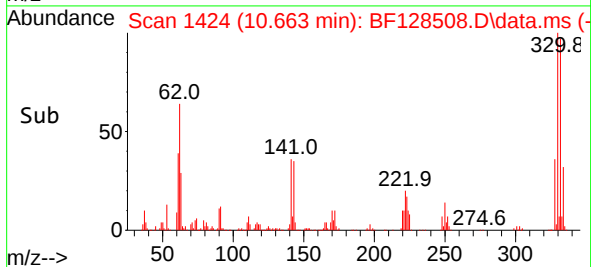
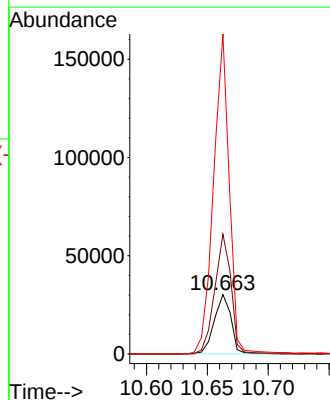
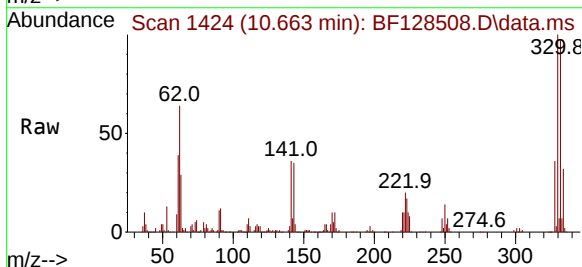
Tgt Ion:248 Resp: 29031

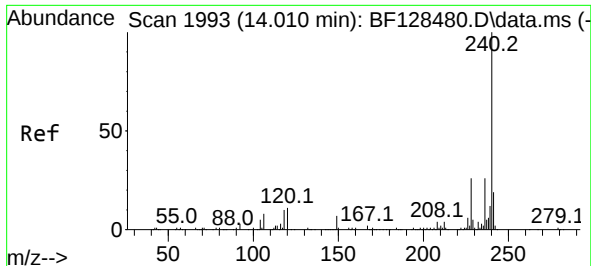
Ion Ratio Lower Upper

248 100

250 202.1 80.6 120.8#

141 539.5 58.9 88.3#

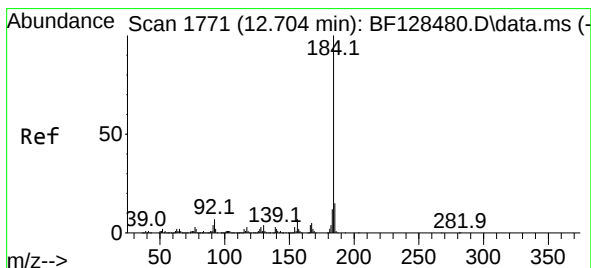
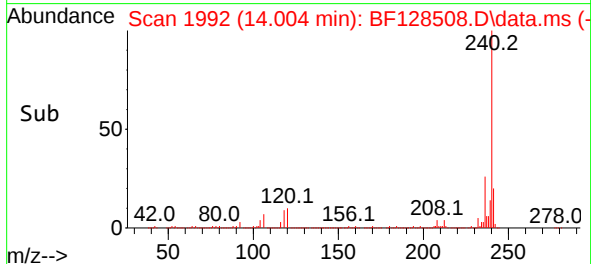
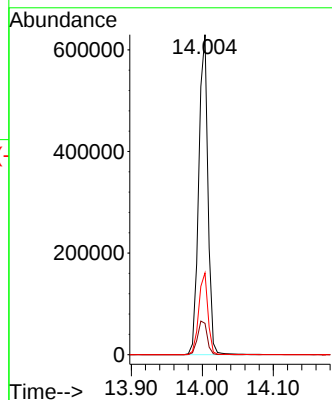
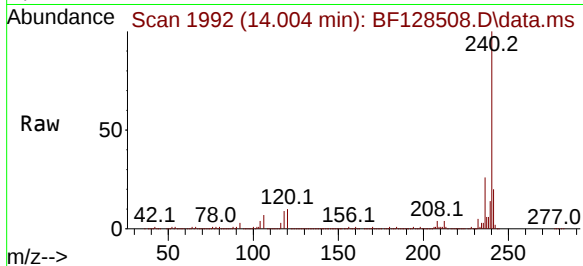




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

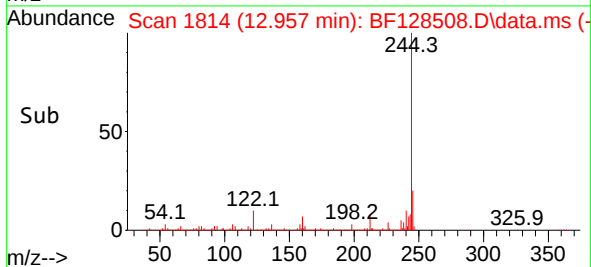
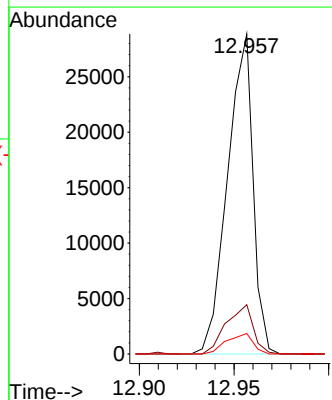
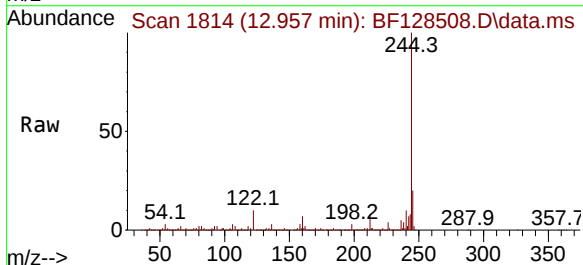
Instrument :
BNA_F
ClientSampleId :
P010-SS003-0612-01

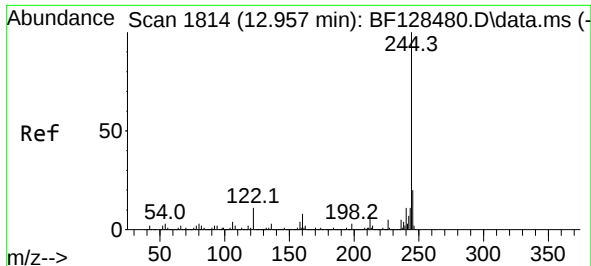
Tgt Ion:240 Resp: 567969
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.056 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128508.D
Acq: 27 May 2022 14:10

Tgt Ion:184 Resp: 26931
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 6.4 9.3 13.9#

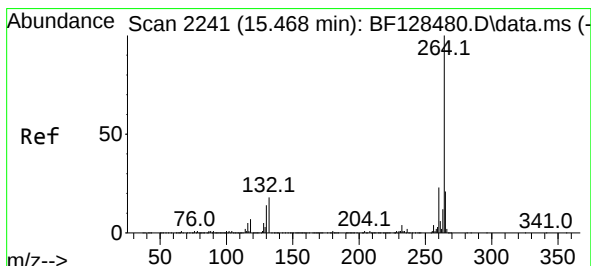
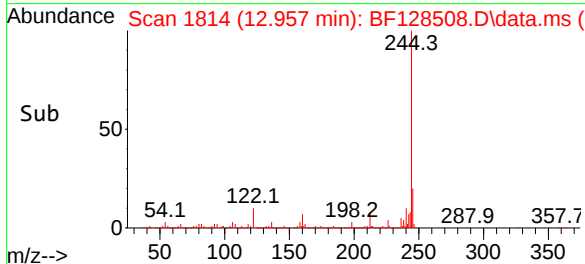
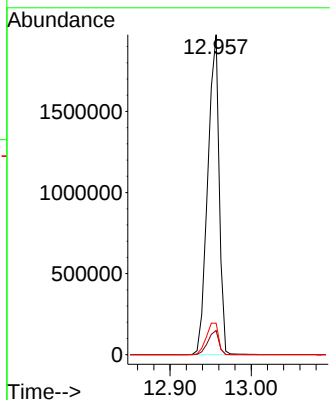
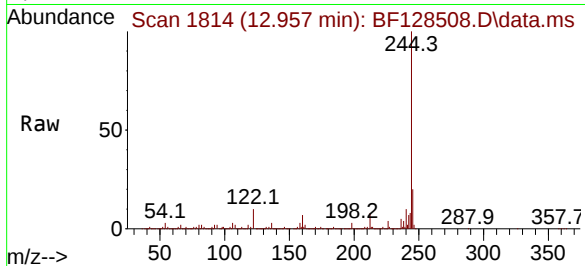




#79
 Terphenyl-d14
 Concen: 65.185 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128508.D
 Acq: 27 May 2022 14:10

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-0612-01

Tgt Ion:244 Resp: 1916354
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128508.D
 Acq: 27 May 2022 14:10

Tgt Ion:264 Resp: 406185
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 20.8 17.2 25.8

