

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128556.D
 Acq On : 28 May 2022 19:08
 Operator : CG\JU
 Sample : N2933-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-0612-01

Quant Time: May 28 22:43:32 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)

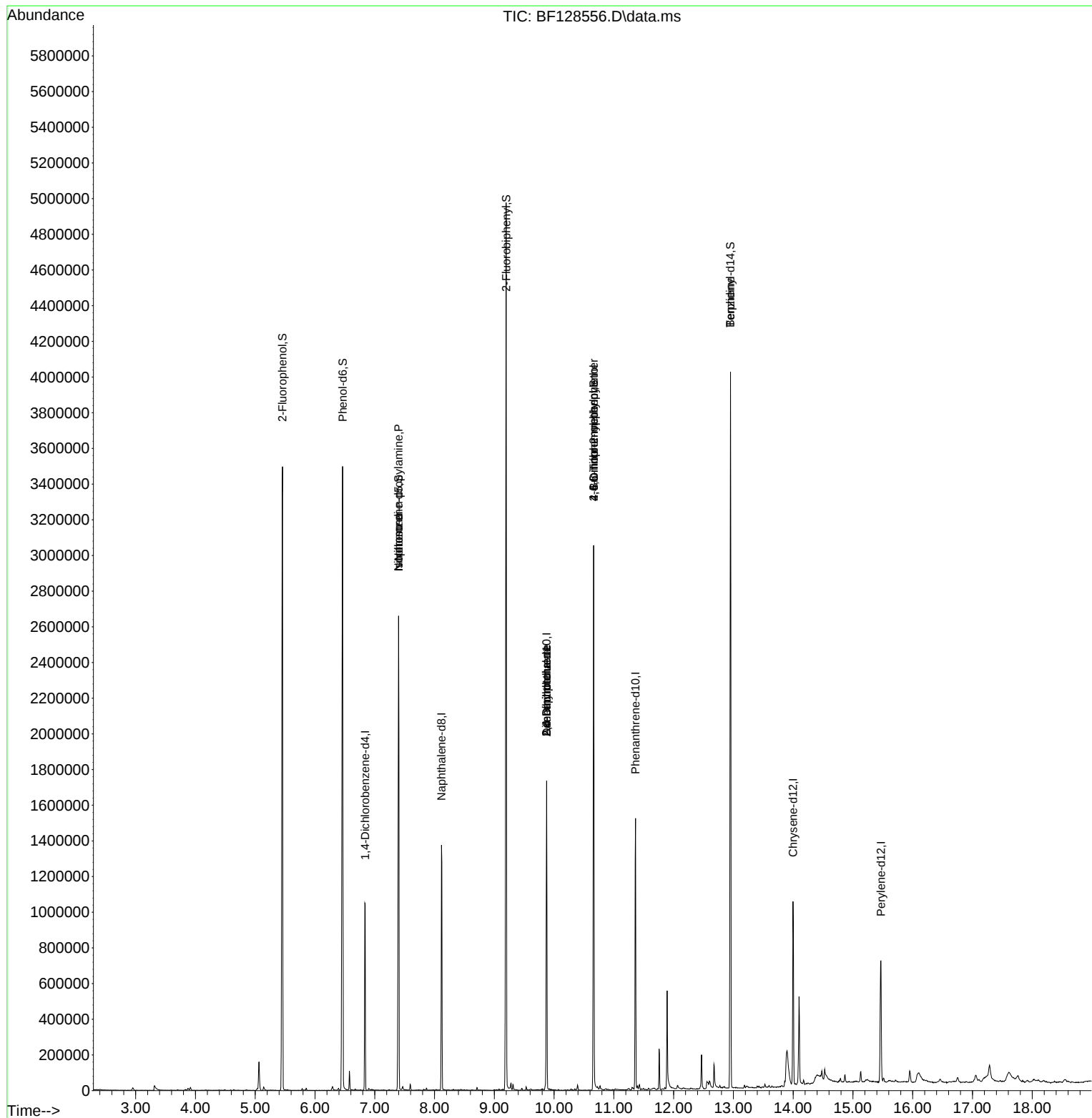
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	155778	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	603522	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	326916	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	554319	20.000	ng	0.00
76) Chrysene-d12	13.998	240	336225	20.000	ng	-0.01
86) Perylene-d12	15.468	264	327356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1012580	107.669	ng	0.00
7) Phenol-d6	6.463	99	1285926	107.240	ng	0.00
23) Nitrobenzene-d5	7.398	82	886679	84.754	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	343038	110.242	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1531254	76.097	ng	0.00
79) Terphenyl-d14	12.951	244	1356396	77.939	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	998	Below Cal	#	84
19) n-Nitroso-di-n-propyla...	7.398	70	121852	16.574	ng	# 79
25) Isophorone	7.398	82	886667	45.943	ng	# 65
50) Dimethylphthalate	9.875	163	58100	2.740	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	41629	10.711	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	41629	8.953	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	879	5.806	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	22210	3.878	ng	# 1
77) Benzidine	12.951	184	18335	2.364	ng	# 94

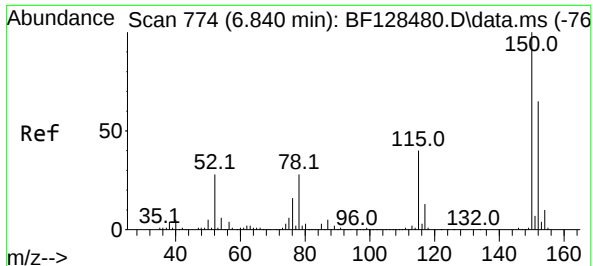
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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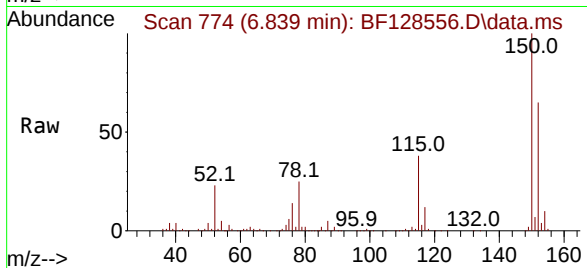
Quant Time: May 28 22:43:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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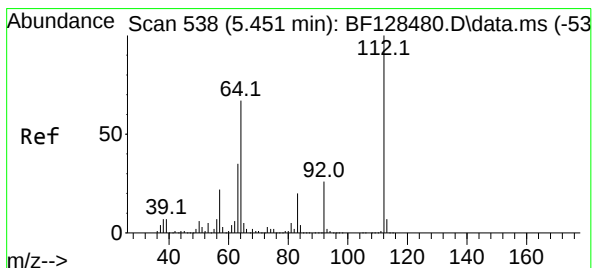
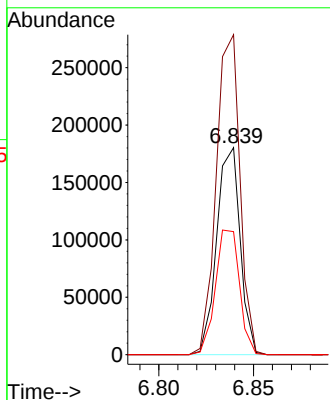
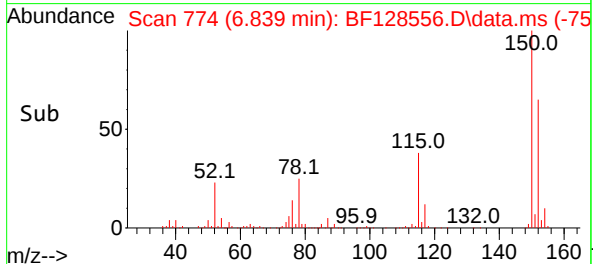


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

Instrument :
BNA_F
ClientSampleId :
P023-SS001-0612-01

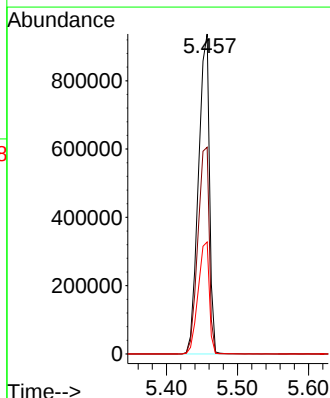
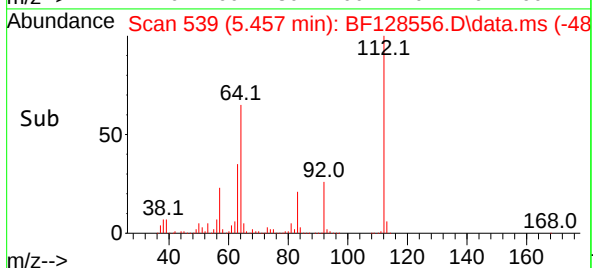
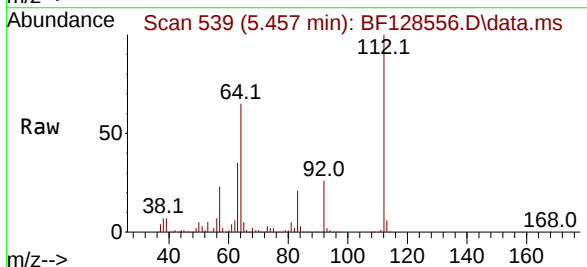


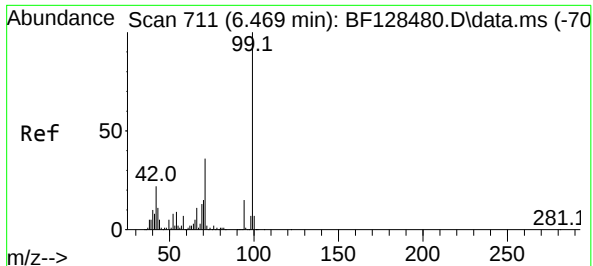
Tgt Ion:152 Resp: 155778
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 107.669 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

Tgt Ion:112 Resp: 1012580
Ion Ratio Lower Upper
112 100
64 64.6 53.3 79.9
63 35.0 28.0 42.0

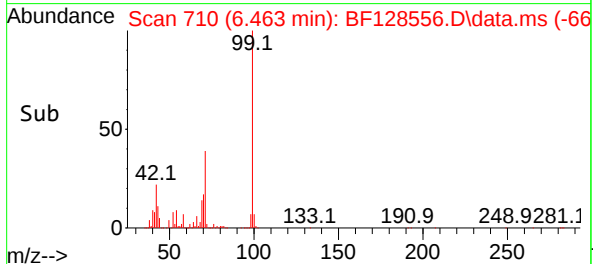
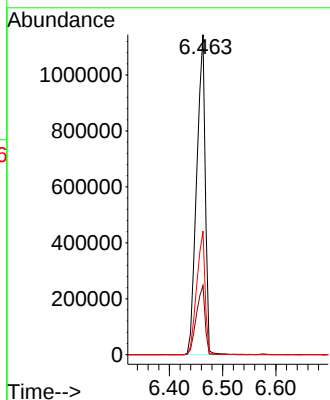
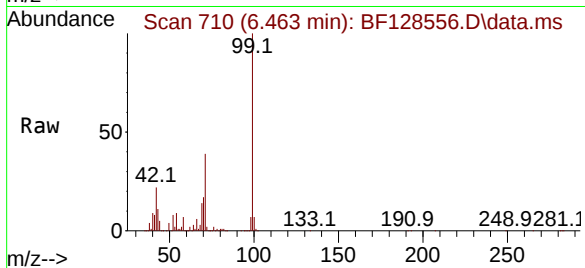




#7
Phenol-d6
Concen: 107.240 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

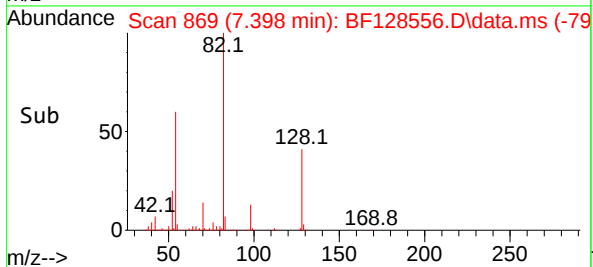
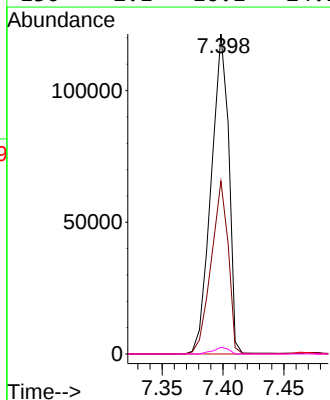
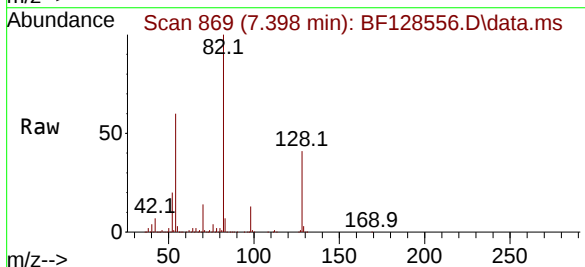
Instrument :
BNA_F
ClientSampleId :
P023-SS001-0612-01

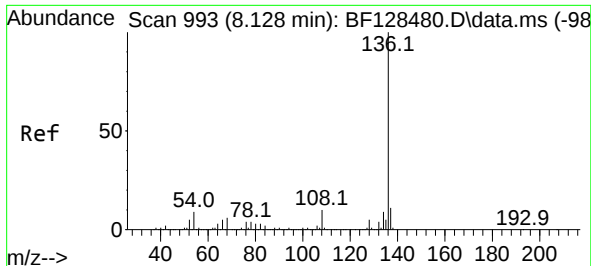
Tgt Ion: 99 Resp: 1285926
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 38.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.574 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

Tgt Ion: 70 Resp: 121852
Ion Ratio Lower Upper
70 100
42 54.0 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

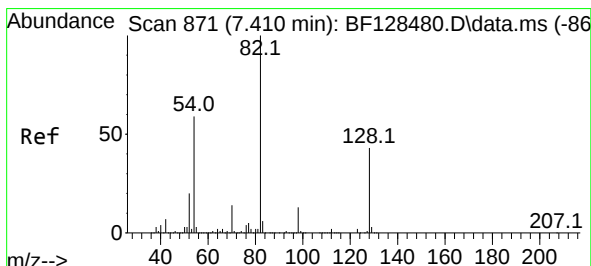
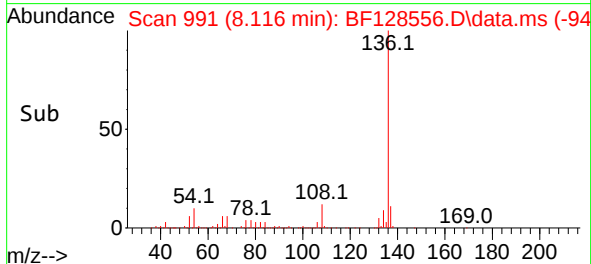
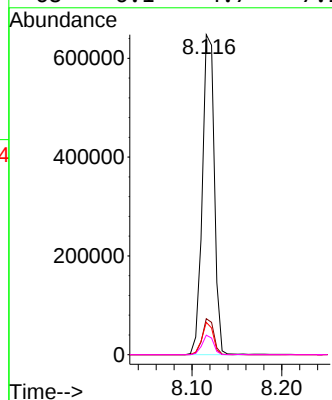
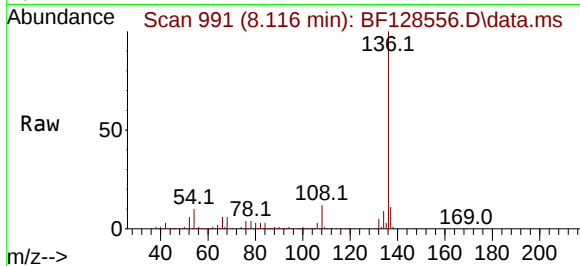




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

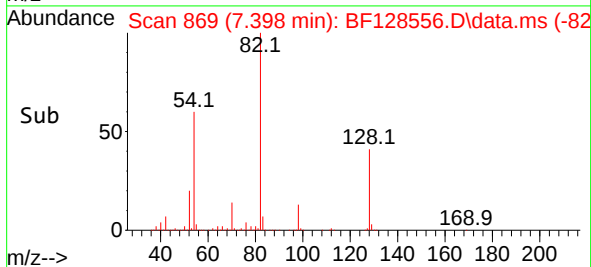
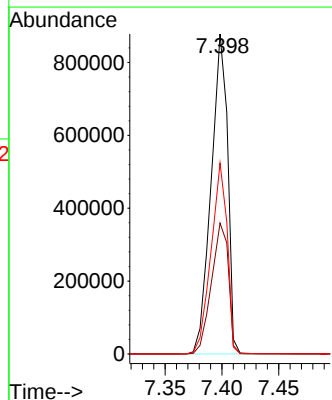
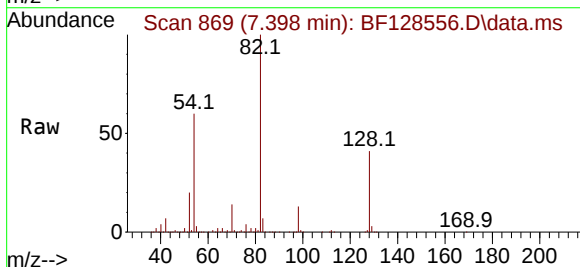
Instrument :
BNA_F
ClientSampleId :
P023-SS001-0612-01

Tgt Ion:	136	Resp:	603522
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	10.1	7.5	11.3
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 84.754 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

Tgt Ion:	82	Resp:	886679
Ion Ratio	Lower	Upper	
82	100		
128	40.9	34.0	51.0
54	59.7	46.9	70.3

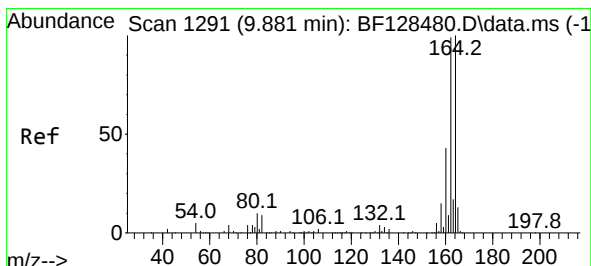
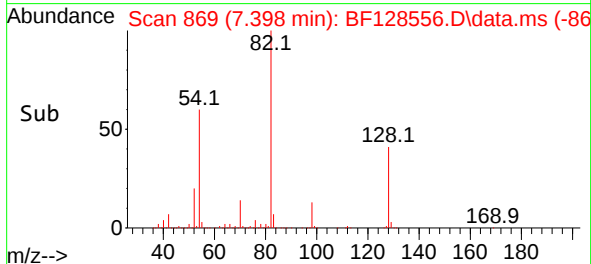
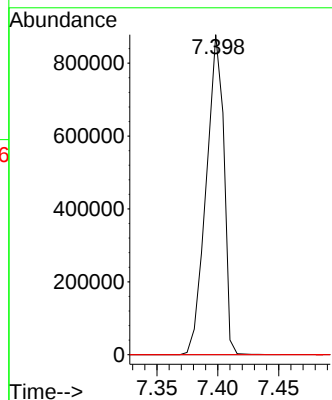
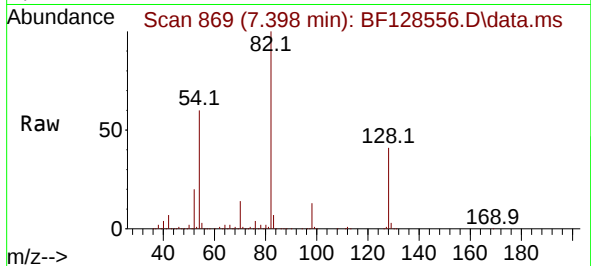




#25
Isophorone
Concen: 45.943 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

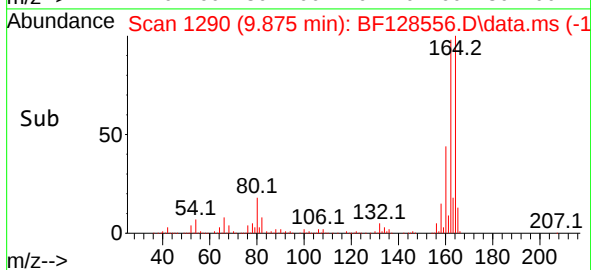
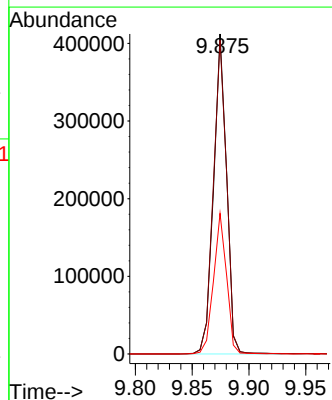
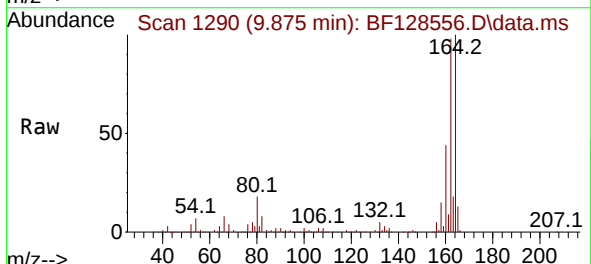
Instrument :
BNA_F
ClientSampleId :
P023-SS001-0612-01

Tgt Ion: 82 Resp: 886667
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: BF128556.D
Acq: 28 May 2022 19:08

Tgt Ion: 164 Resp: 326916
Ion Ratio Lower Upper
164 100
162 98.0 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 110.242 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128556.D

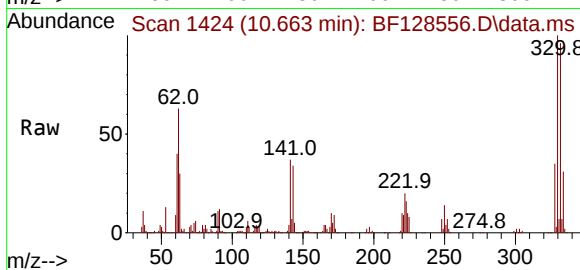
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Instrument :

BNA_F

ClientSampleId :

P023-SS001-0612-01



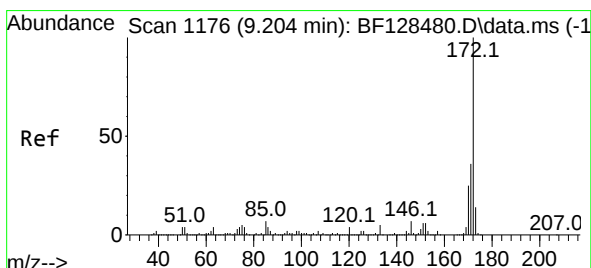
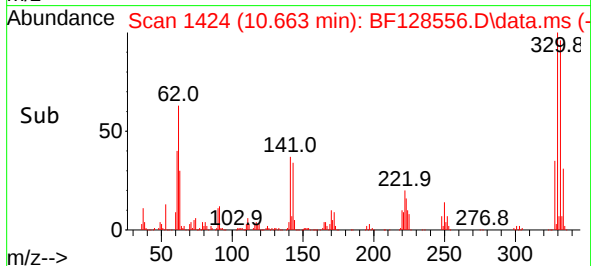
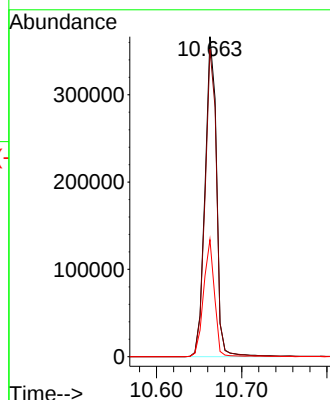
Tgt Ion:330 Resp: 343038

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.097 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128556.D

Acq: 28 May 2022 19:08

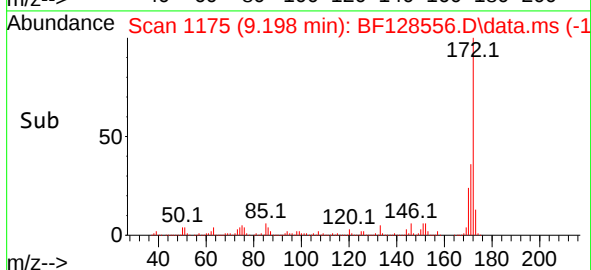
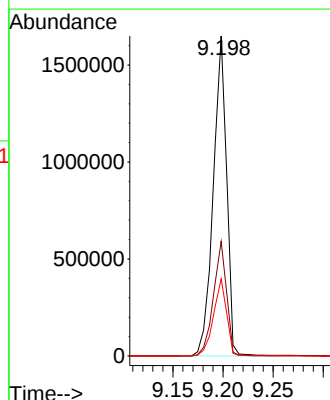
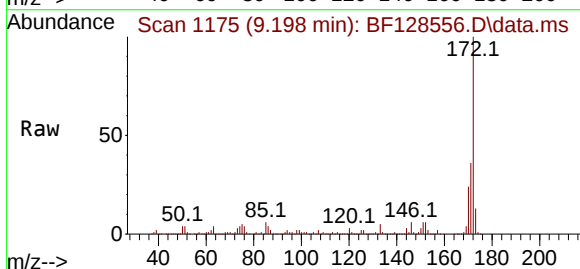
Tgt Ion:172 Resp: 1531254

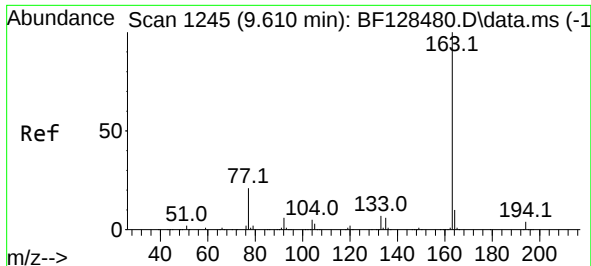
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.1 19.8 29.8

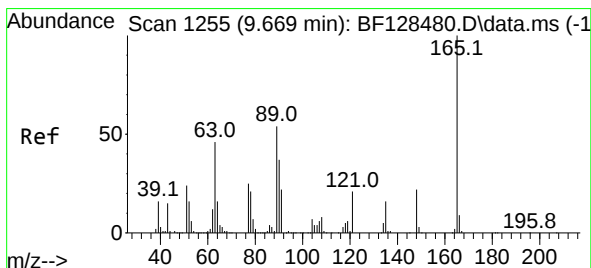
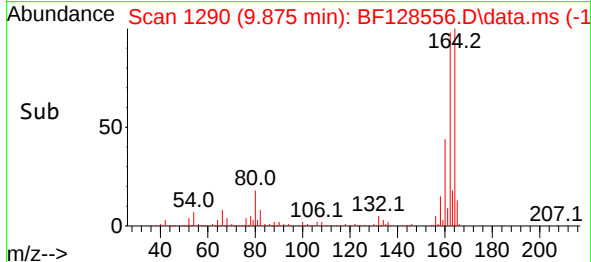
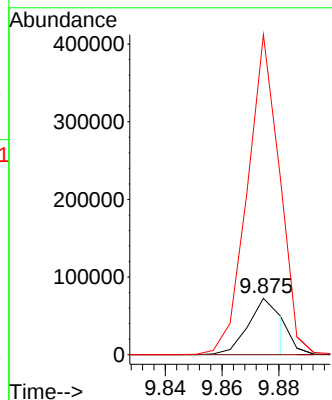
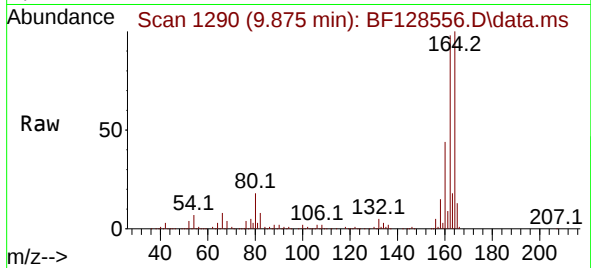




#50
Dimethylphthalate
Concen: 2.740 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

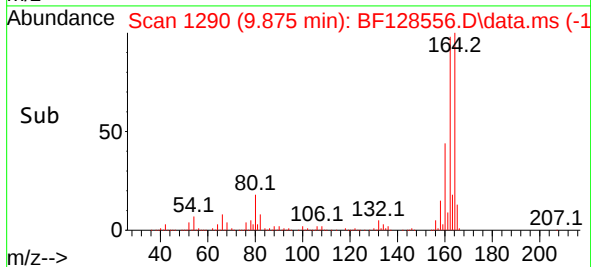
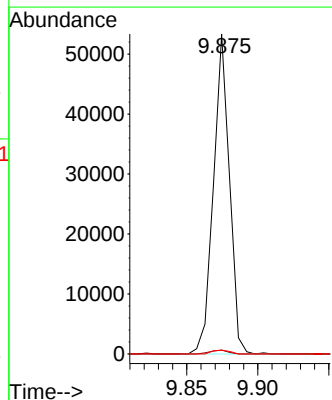
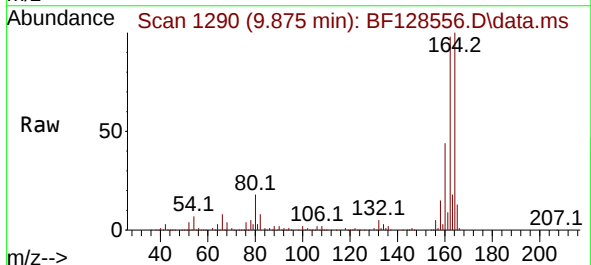
Instrument :
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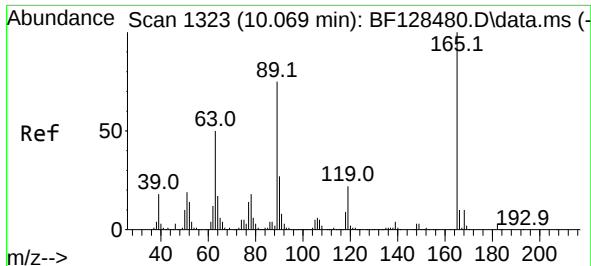
Tgt Ion:163 Resp: 58100
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 568.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.711 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

Tgt Ion:165 Resp: 41629
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.2 43.6 65.4#

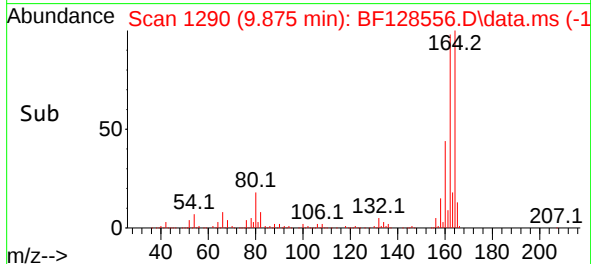
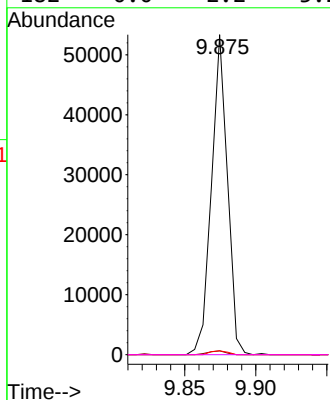
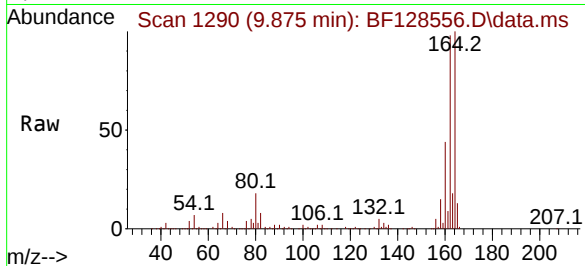




#57
2,4-Dinitrotoluene
Concen: 8.953 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

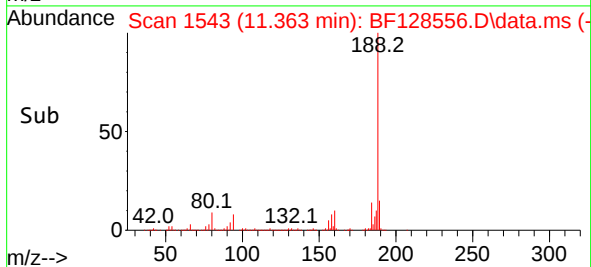
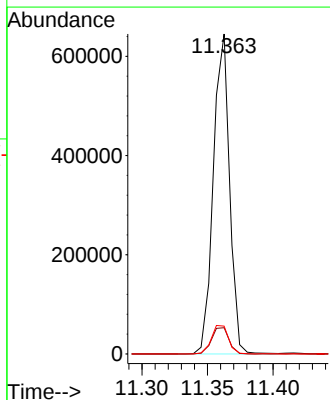
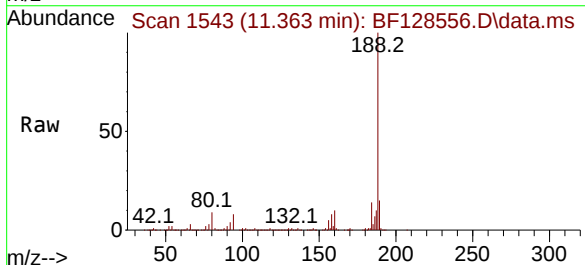
Instrument :
BNA_F
ClientSampleId :
P023-SS001-0612-01

Tgt Ion:165 Resp: 41629
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: BF128556.D
Acq: 28 May 2022 19:08

Tgt Ion:188 Resp: 554319
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.7 7.6 11.4

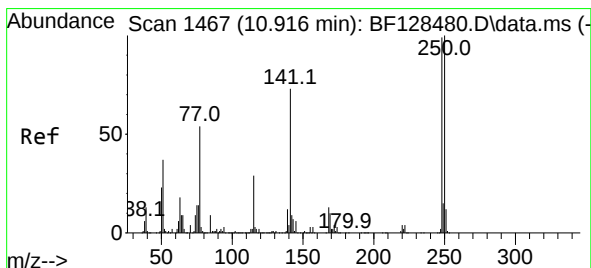
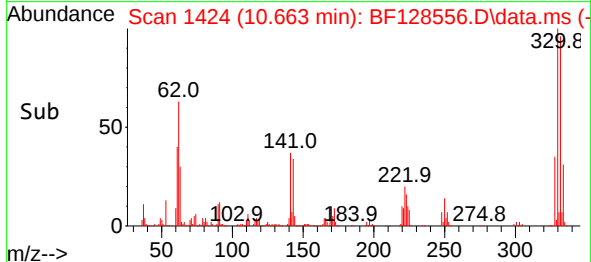
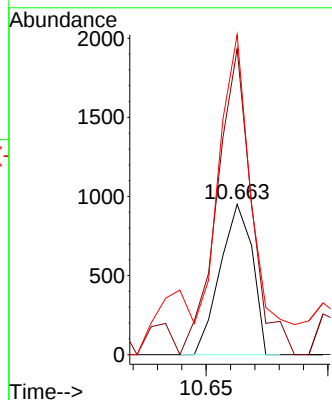
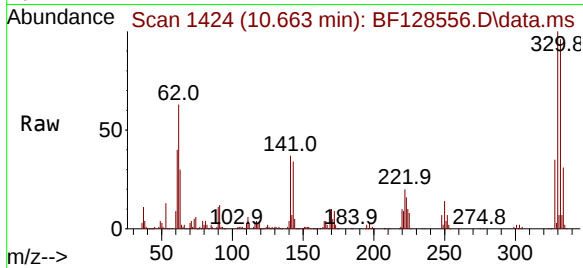




#65
4,6-Dinitro-2-methylphenol
Concen: 5.806 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

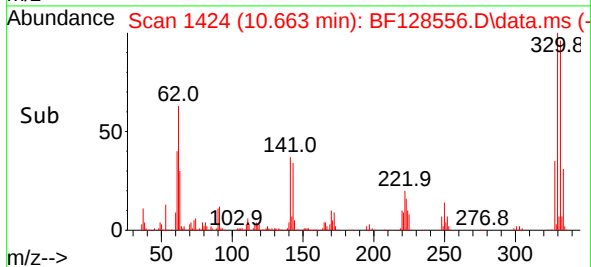
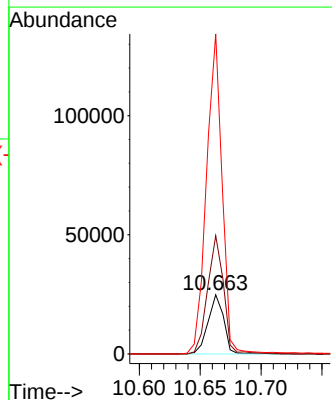
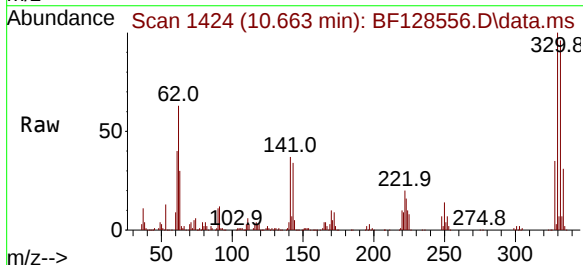
Instrument :
BNA_F
ClientSampleId :
P023-SS001-0612-01

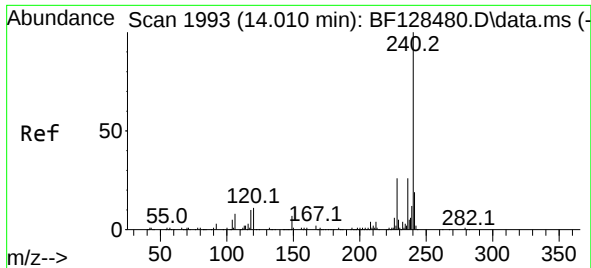
Tgt Ion:198 Resp: 879
Ion Ratio Lower Upper
198 100
51 203.4 37.6 77.6#
105 212.7 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.878 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

Tgt Ion:248 Resp: 22210
Ion Ratio Lower Upper
248 100
250 199.5 80.6 120.8#
141 539.9 58.9 88.3#

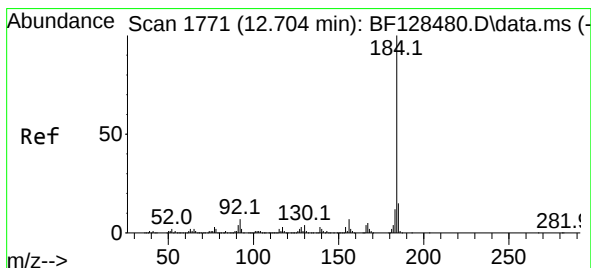
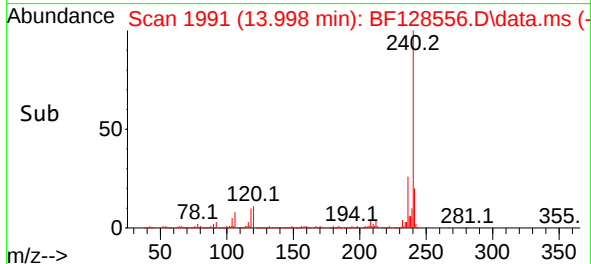
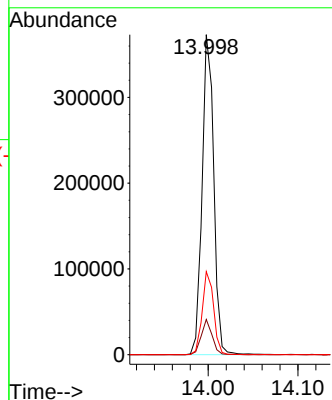
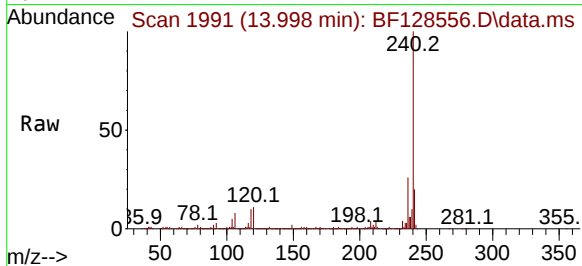




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

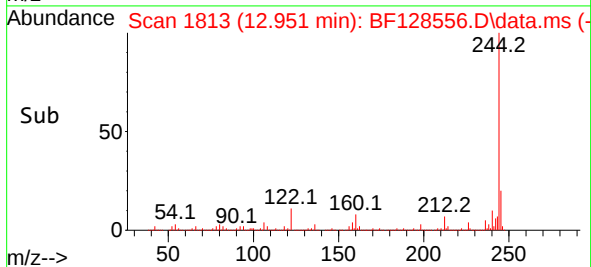
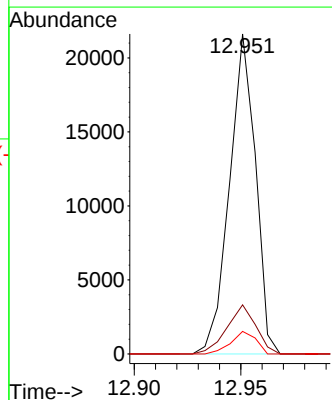
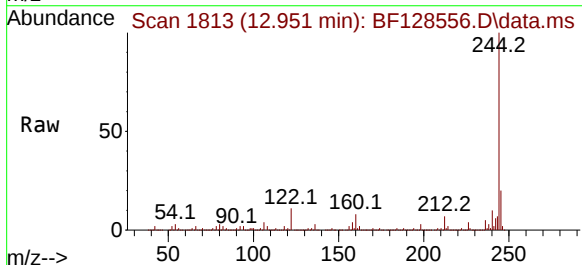
Instrument :
BNA_F
ClientSampleId :
P023-SS001-0612-01

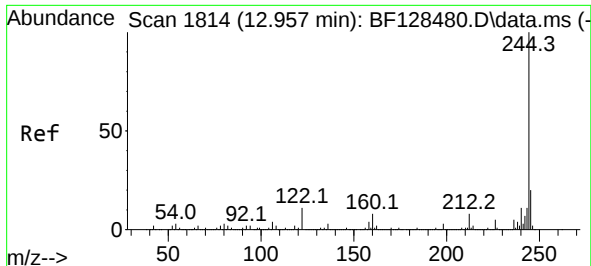
Tgt Ion:240 Resp: 336225
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.364 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128556.D
Acq: 28 May 2022 19:08

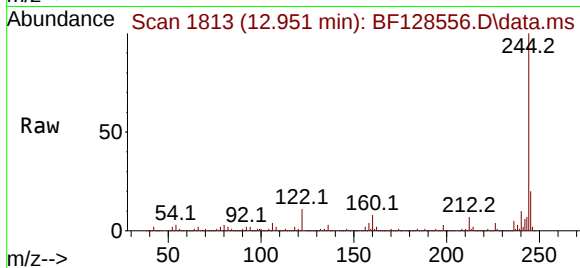
Tgt Ion:184 Resp: 18335
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 7.1 9.3 13.9#



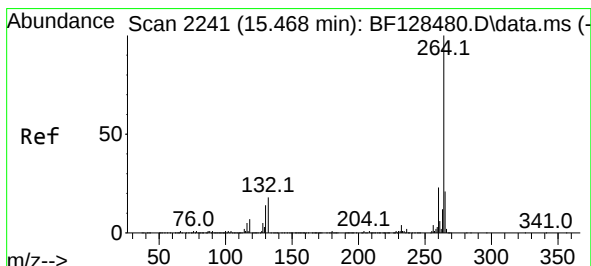
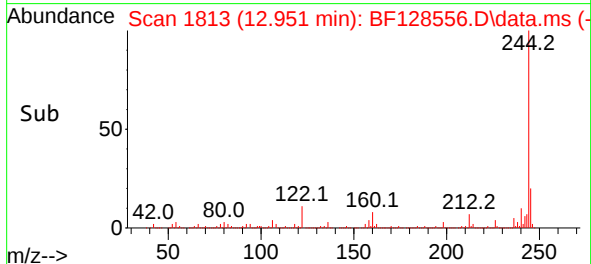
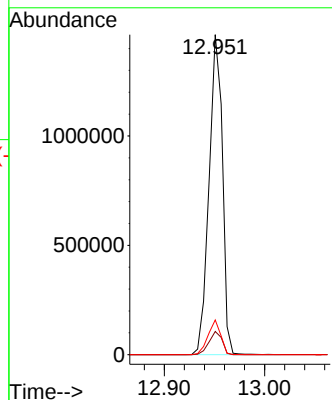


#79
 Terphenyl-d14
 Concen: 77.939 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128556.D
 Acq: 28 May 2022 19:08

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-0612-01



Tgt Ion:244 Resp: 1356396
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.9 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: BF128556.D
 Acq: 28 May 2022 19:08

Tgt Ion:264 Resp: 327356
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 20.4 17.2 25.8

