

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128555.D
 Acq On : 28 May 2022 18:38
 Operator : CG\JU
 Sample : N2933-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS004-0006-01

Quant Time: May 28 22:43:26 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)

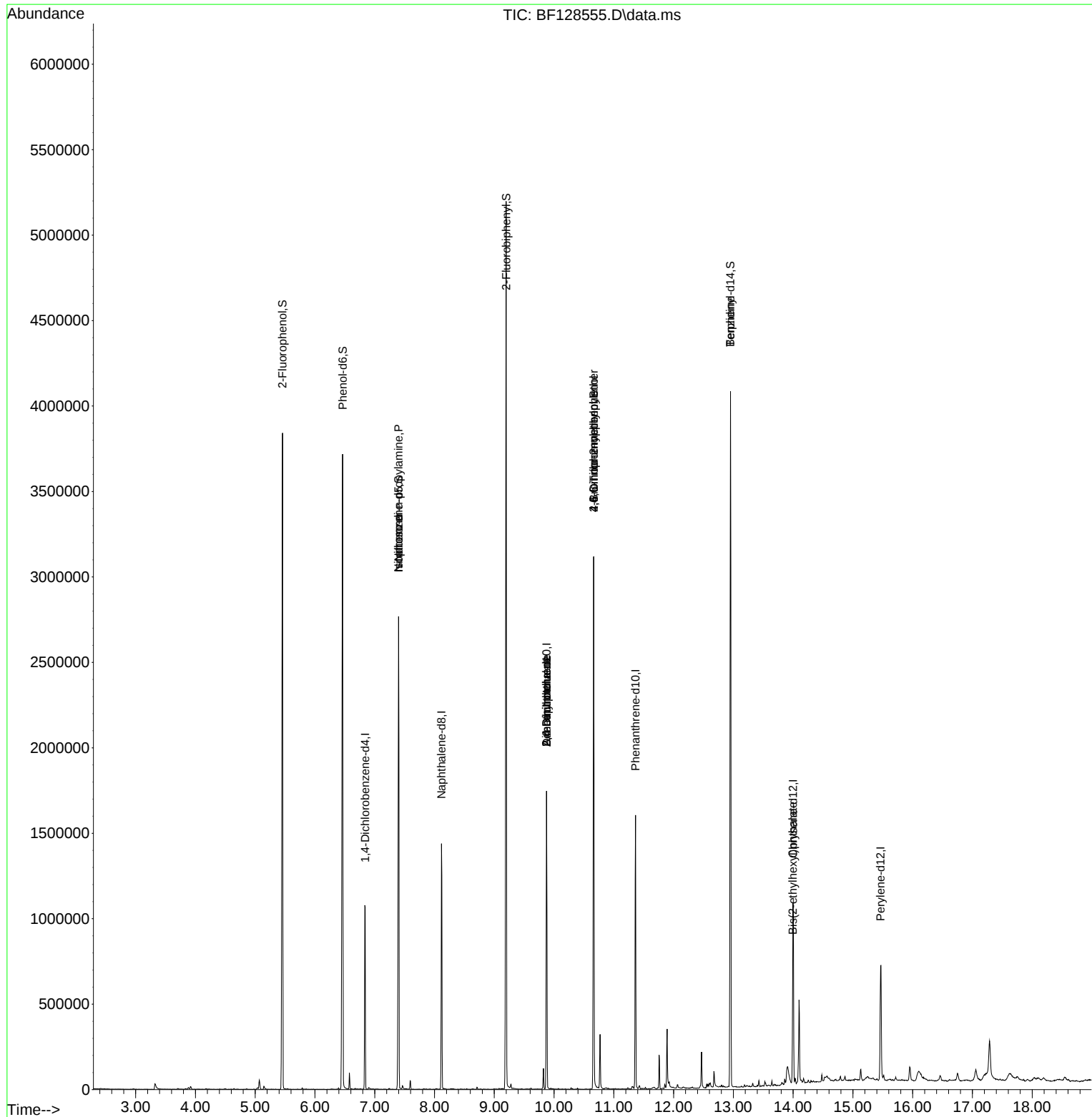
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	159208	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	609083	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	329766	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	566720	20.000	ng	0.00
76) Chrysene-d12	13.998	240	342740	20.000	ng	-0.01
86) Perylene-d12	15.463	264	330047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1014630	105.562	ng	0.00
7) Phenol-d6	6.463	99	1303282	106.346	ng	0.00
23) Nitrobenzene-d5	7.398	82	899031	85.150	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	353967	112.771	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1599183	78.786	ng	0.00
79) Terphenyl-d14	12.951	244	1422032	80.157	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	390	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.398	70	124127	16.519	ng	# 79
25) Isophorone	7.398	82	897668	46.088	ng	# 65
50) Dimethylphthalate	9.875	163	57366	2.682	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	42507	10.843	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	42507	9.063	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	878	5.799	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	23077	3.941	ng	# 1
77) Benzidine	12.951	184	20362	2.576	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.992	149	53683	4.075	ng	# 99

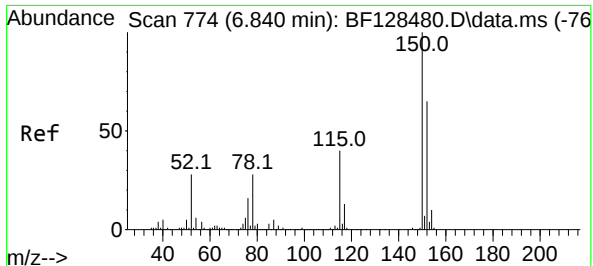
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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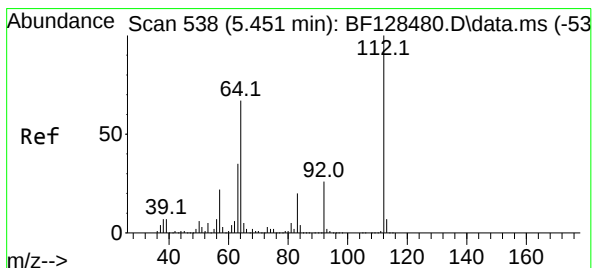
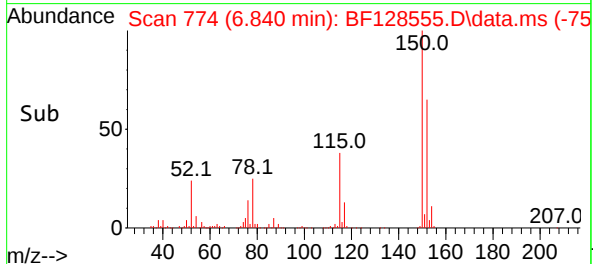
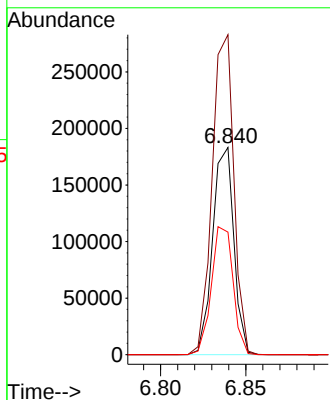
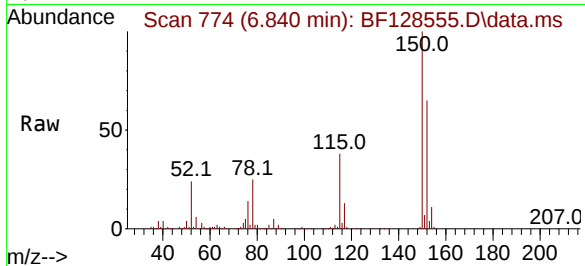




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

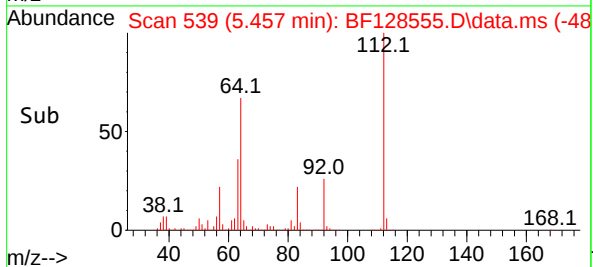
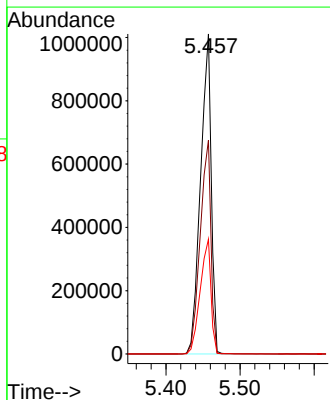
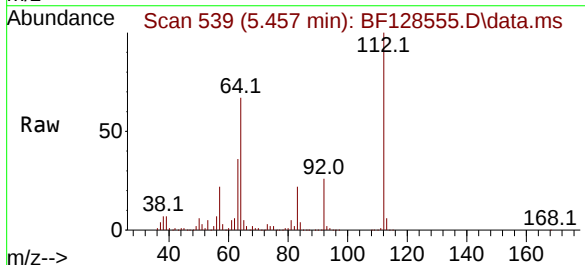
Instrument :
BNA_F
ClientSampleId :
P023-SS004-0006-01

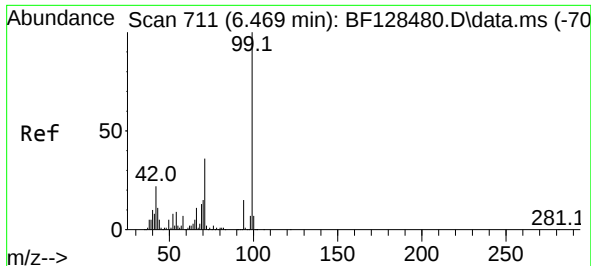
Tgt Ion:152 Resp: 159208
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 59.2 49.9 74.9



#5
2-Fluorophenol
Concen: 105.562 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

Tgt Ion:112 Resp: 1014630
Ion Ratio Lower Upper
112 100
64 66.8 53.3 79.9
63 35.8 28.0 42.0



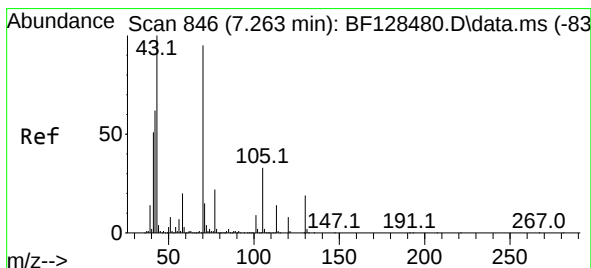
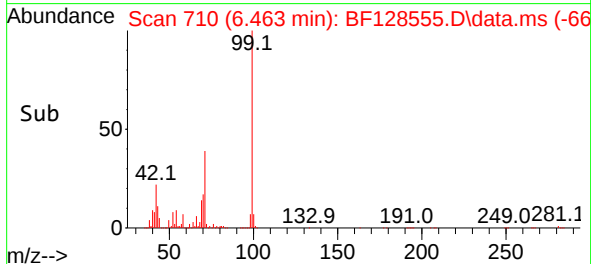
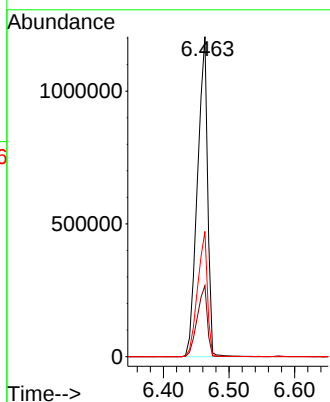
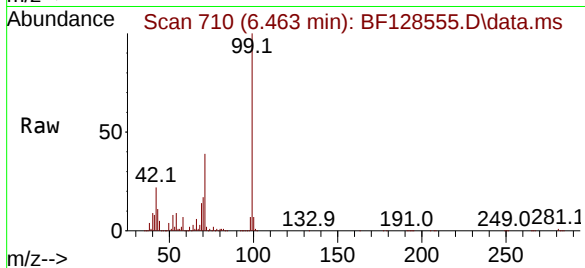


#7
Phenol-d6
Concen: 106.346 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

Instrument :
BNA_F
ClientSampleId :
P023-SS004-0006-01

Tgt Ion: 99 Resp: 1303282

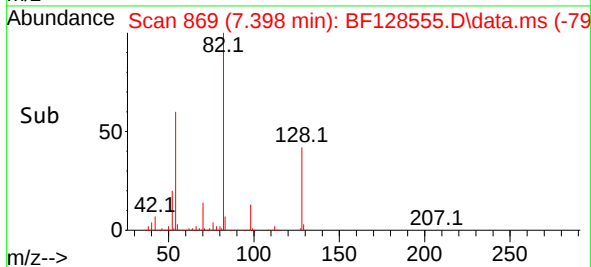
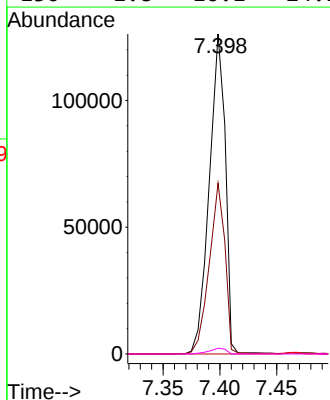
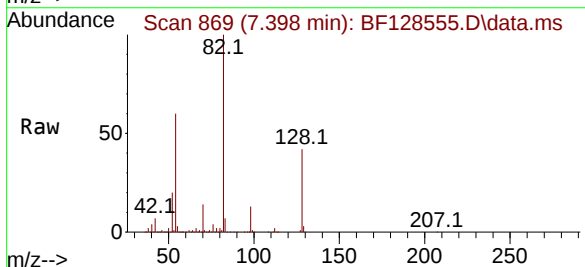
Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.3	25.9
71	39.2	28.9	43.3

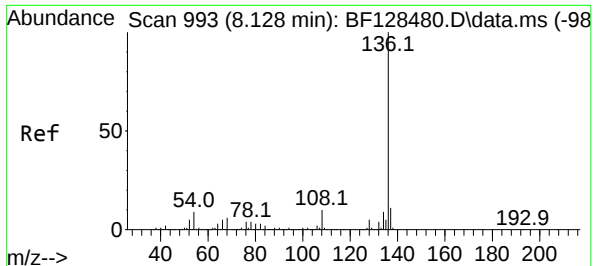


#19
n-Nitroso-di-n-propylamine
Concen: 16.519 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

Tgt Ion: 70 Resp: 124127

Ion	Ratio	Lower	Upper
70	100		
42	53.4	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: BF128555.D

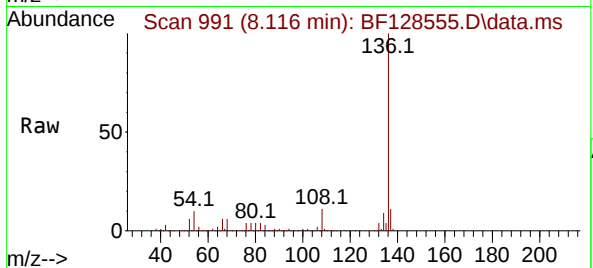
Acq: 28 May 2022 18:38

Instrument :

BNA_F

ClientSampleId :

P023-SS004-0006-01



Tgt Ion:136 Resp: 609083

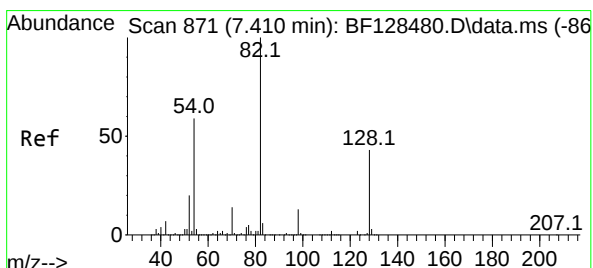
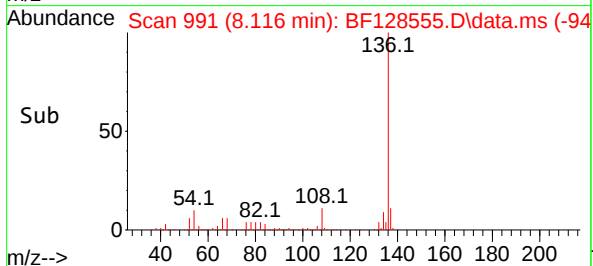
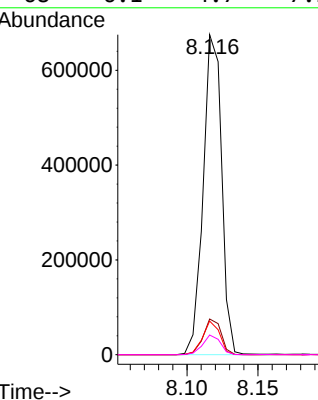
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.5 7.5 11.3

68 6.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 85.150 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128555.D

Acq: 28 May 2022 18:38

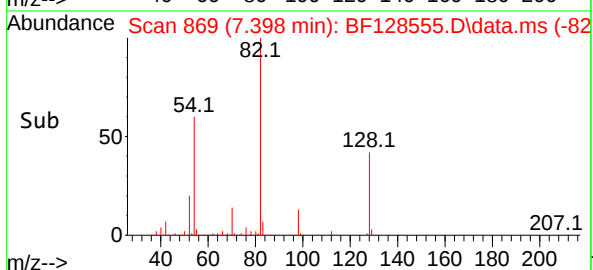
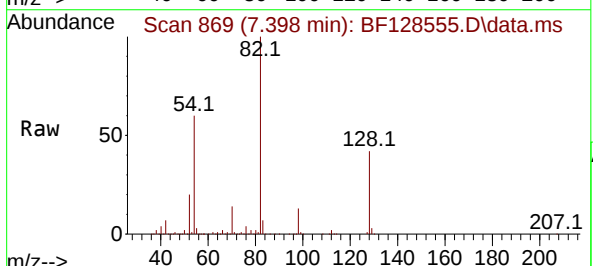
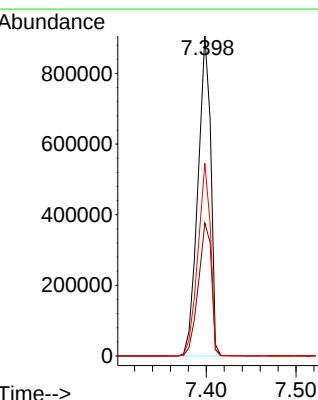
Tgt Ion: 82 Resp: 899031

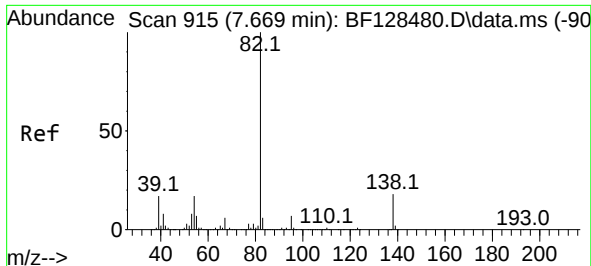
Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

54 60.2 46.9 70.3

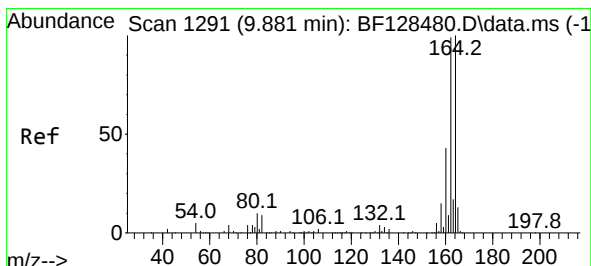
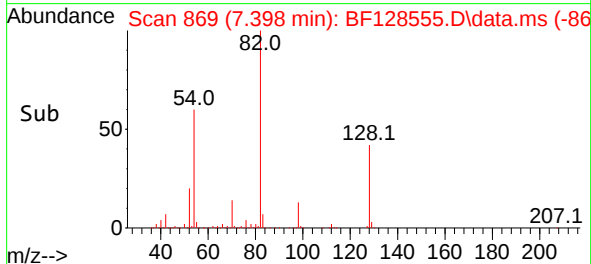
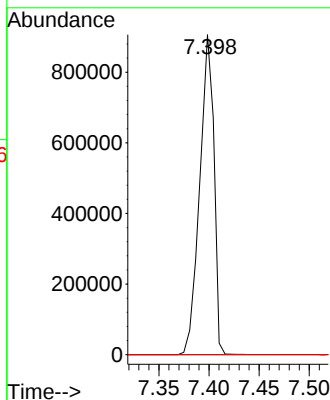
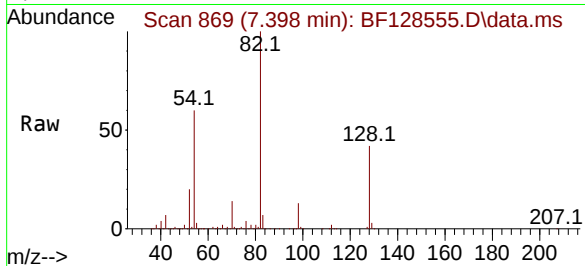




#25
Isophorone
Concen: 46.088 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

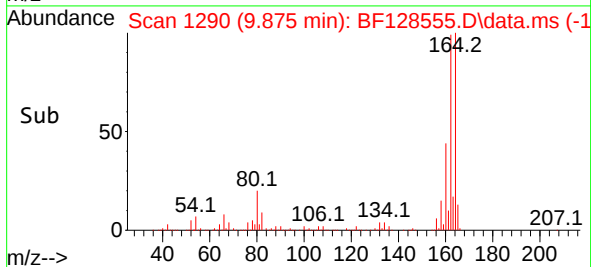
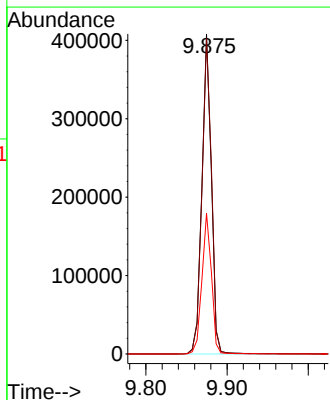
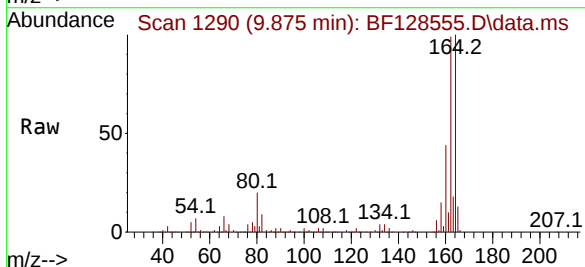
Instrument :
BNA_F
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P023-SS004-0006-01

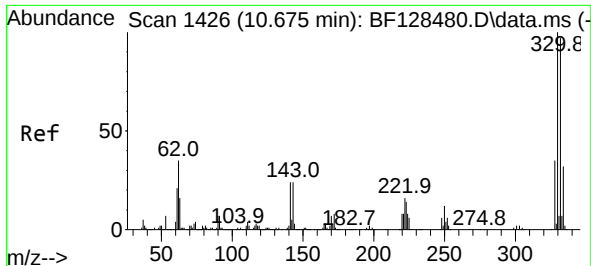
Tgt Ion: 82 Resp: 897668
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

Tgt Ion:164 Resp: 329766
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 44.0 34.2 51.4

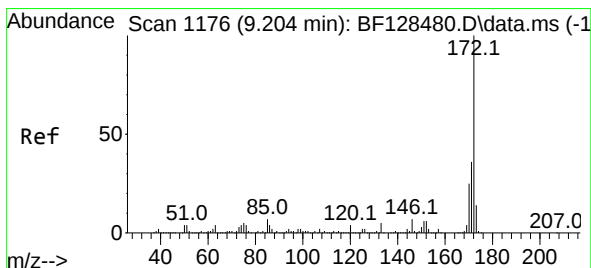
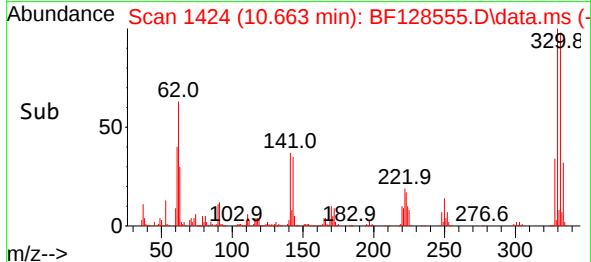
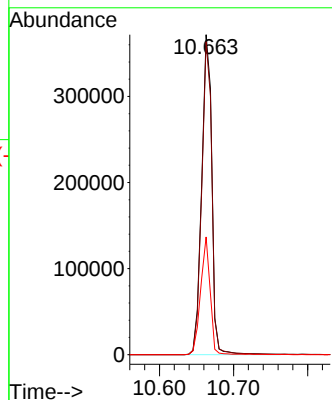
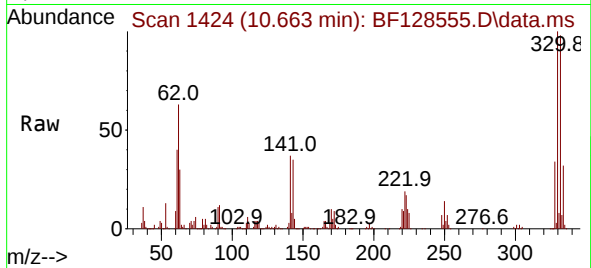




#42
 2,4,6-Tribromophenol
 Concen: 112.771 ng
 RT: 10.663 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: BF128555.D
 Acq: 28 May 2022 18:38

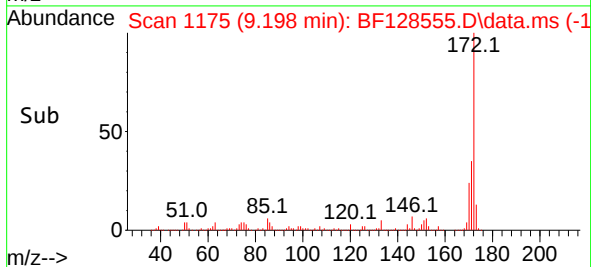
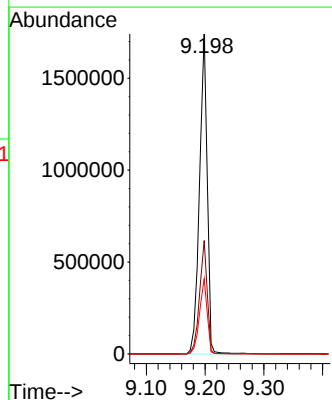
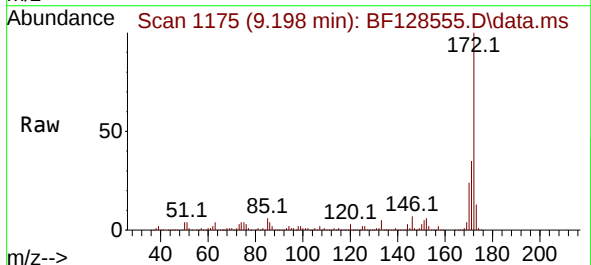
Instrument :
 BNA_F
 ClientSampleId :
 P023-SS004-0006-01

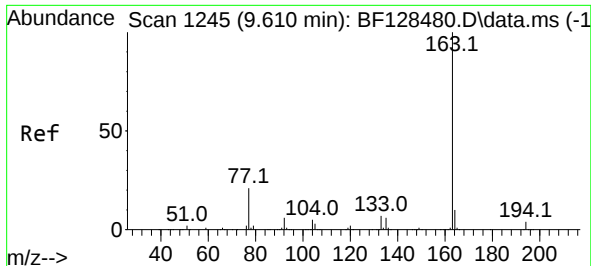
Tgt Ion:330 Resp: 353967
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.8 115.2
 141 34.6 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 78.786 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128555.D
 Acq: 28 May 2022 18:38

Tgt Ion:172 Resp: 1599183
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 23.5 19.8 29.8

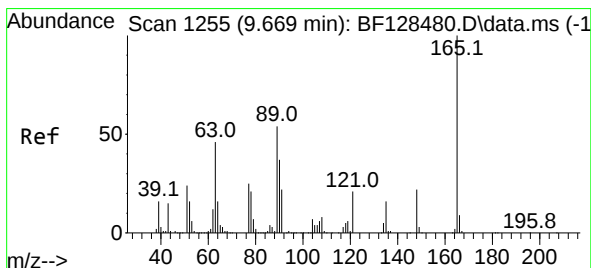
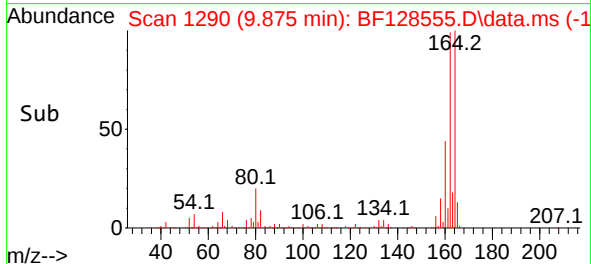
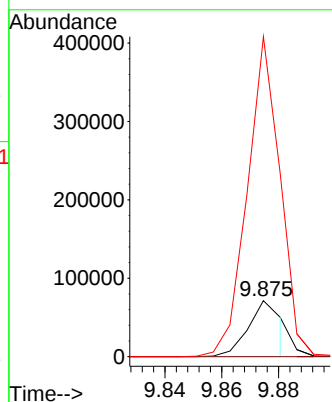
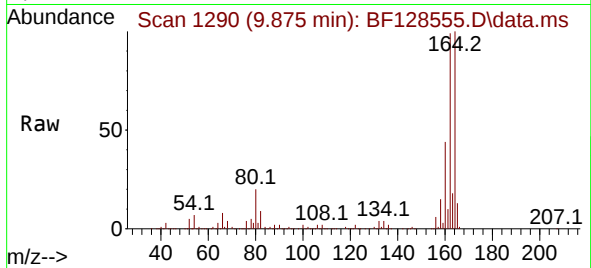




#50
Dimethylphthalate
Concen: 2.682 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

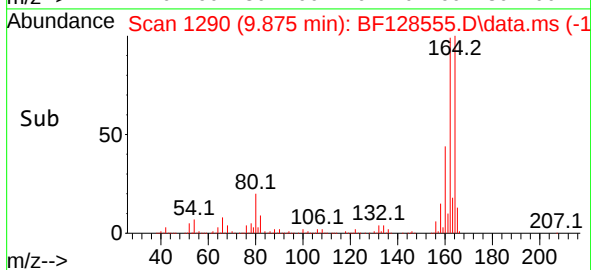
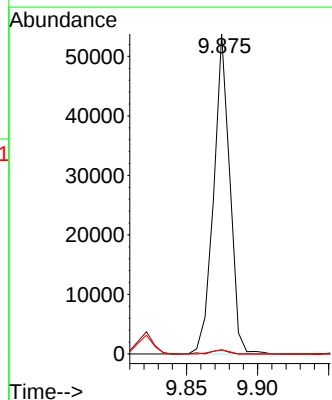
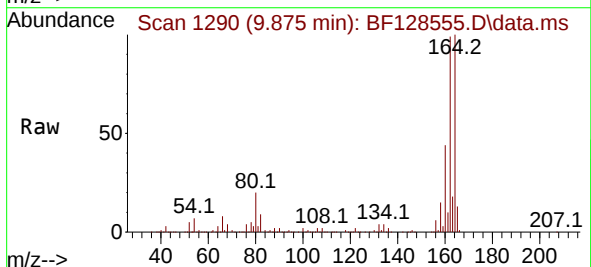
Instrument :
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P023-SS004-0006-01

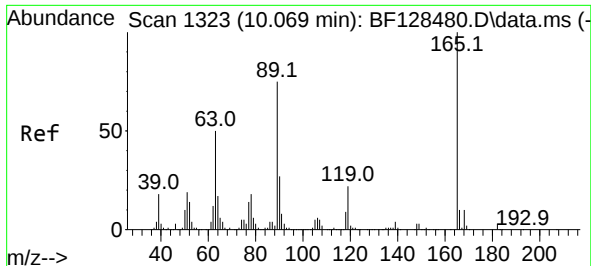
Tgt Ion:163 Resp: 57366
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 571.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.843 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

Tgt Ion:165 Resp: 42507
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.3 43.6 65.4#

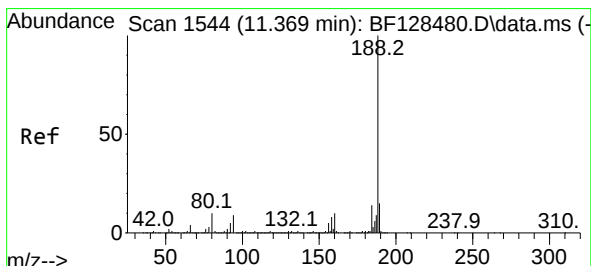
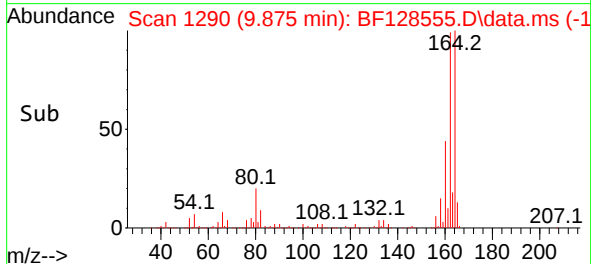
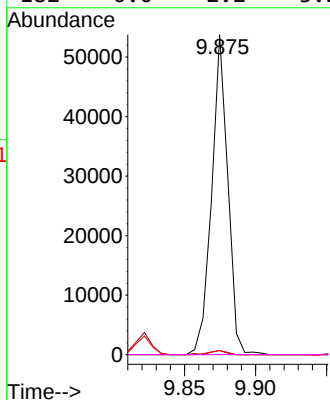
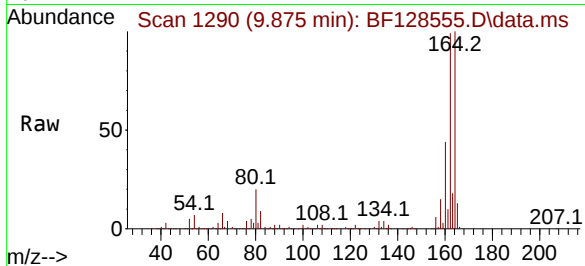




#57
2,4-Dinitrotoluene
Concen: 9.063 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

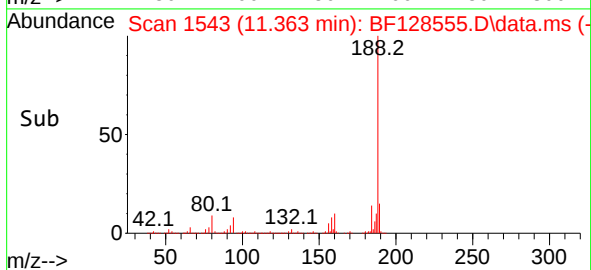
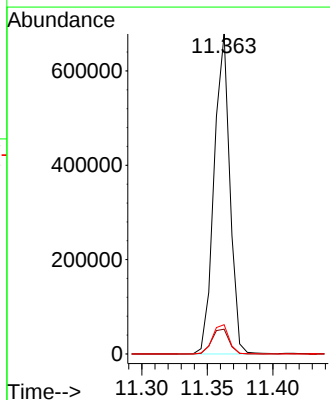
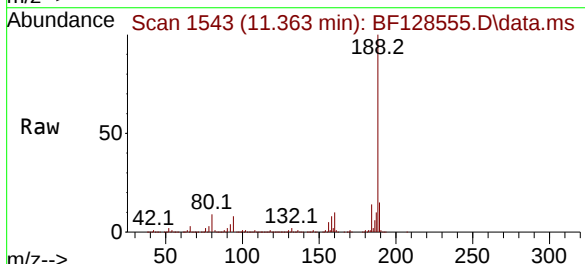
Instrument :
BNA_F
ClientSampleId :
P023-SS004-0006-01

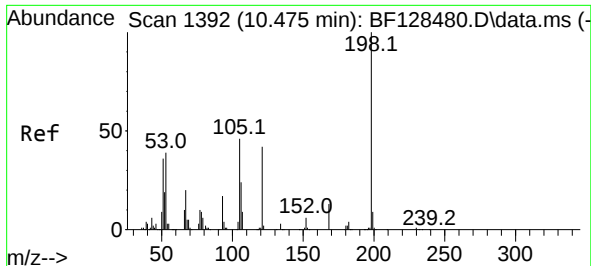
Tgt Ion:165 Resp: 42507
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128555.D
Acq: 28 May 2022 18:38

Tgt Ion:188 Resp: 566720
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 9.1 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.799 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128555.D

Acq: 28 May 2022 18:38

Instrument :

BNA_F

ClientSampleId :

P023-SS004-0006-01

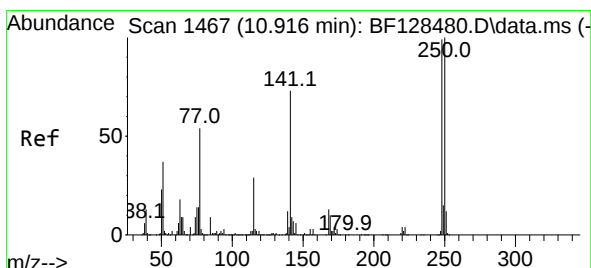
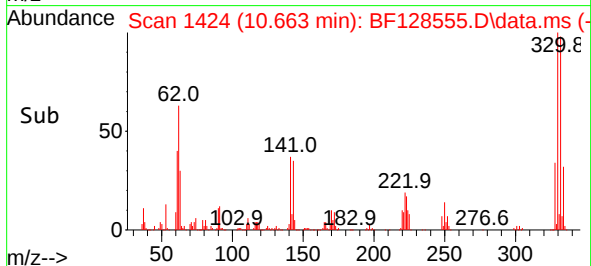
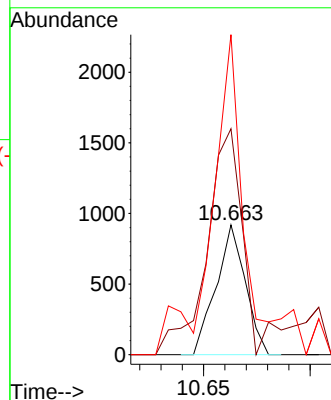
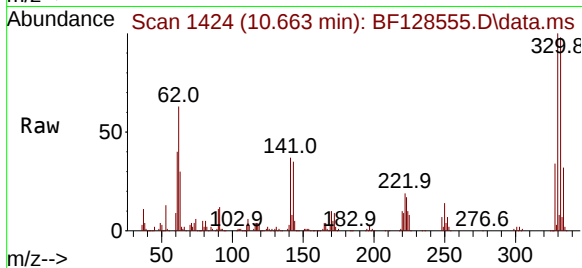
Tgt Ion:198 Resp: 878

Ion Ratio Lower Upper

198 100

51 174.1 37.6 77.6#

105 246.6 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.941 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128555.D

Acq: 28 May 2022 18:38

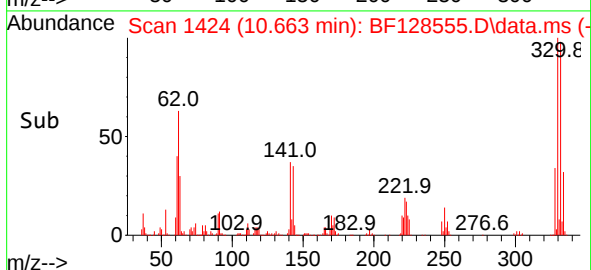
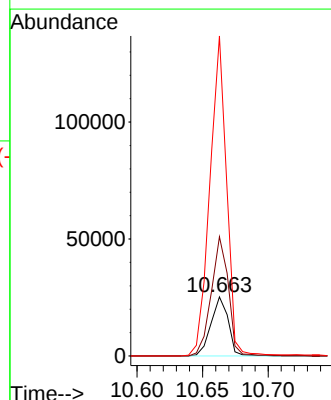
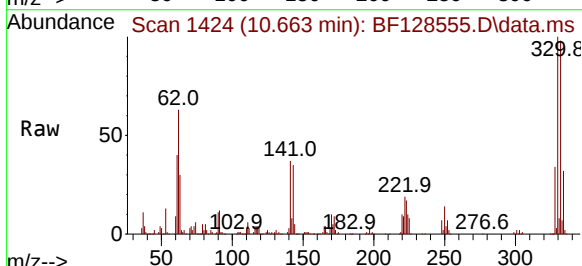
Tgt Ion:248 Resp: 23077

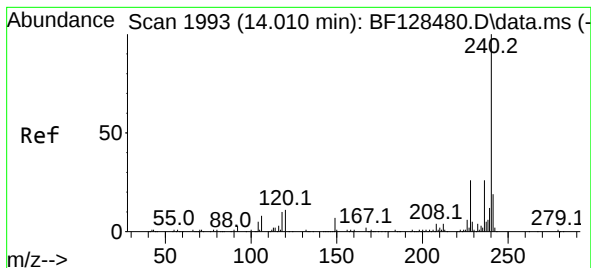
Ion Ratio Lower Upper

248 100

250 202.0 80.6 120.8#

141 542.5 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: BF128555.D

Acq: 28 May 2022 18:38

Instrument :

BNA_F

ClientSampleId :

P023-SS004-0006-01

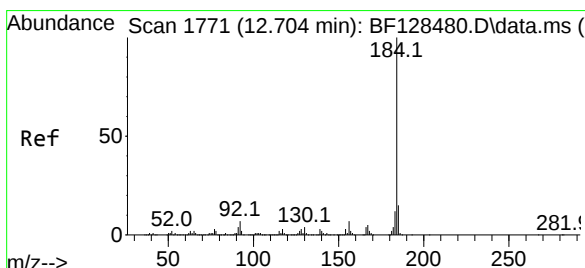
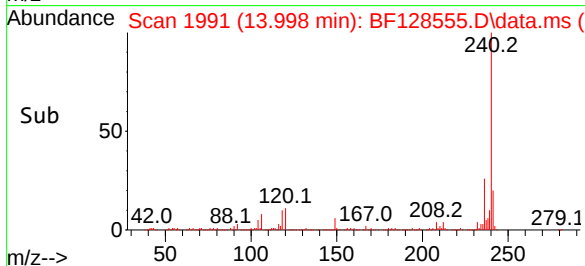
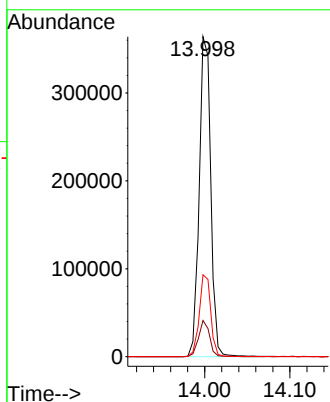
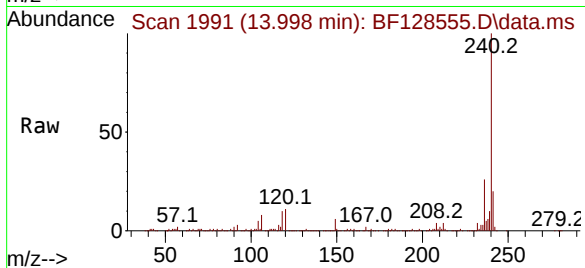
Tgt Ion:240 Resp: 342740

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.6 20.8 31.2



#77

Benzidine

Concen: 2.576 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.247 min

Lab File: BF128555.D

Acq: 28 May 2022 18:38

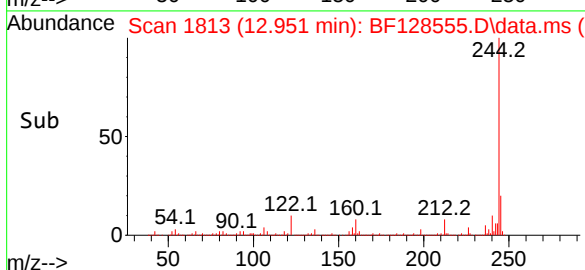
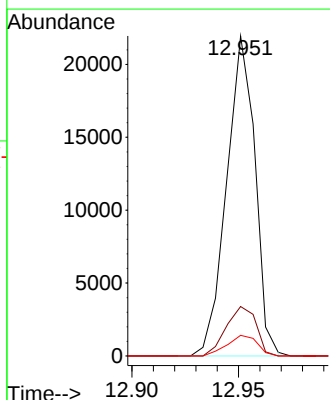
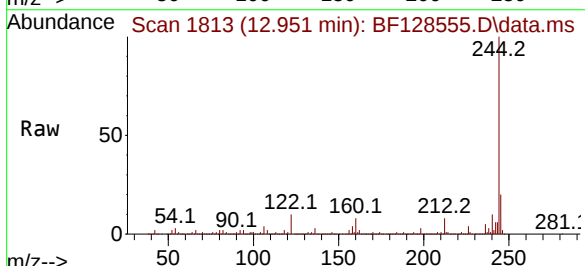
Tgt Ion:184 Resp: 20362

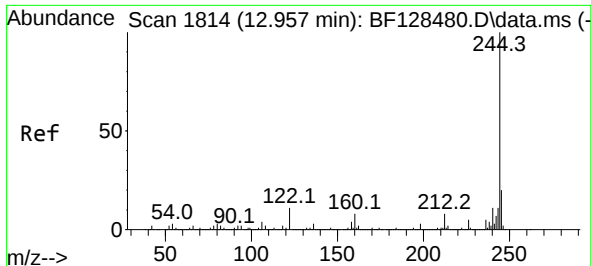
Ion Ratio Lower Upper

184 100

185 15.5 11.9 17.9

183 6.5 9.3 13.9#

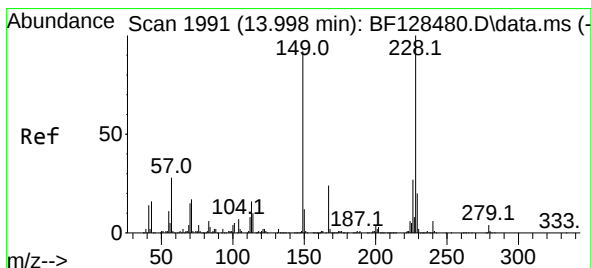
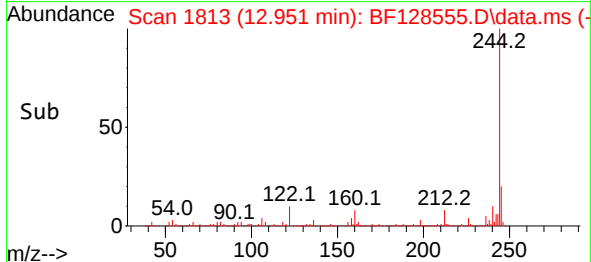
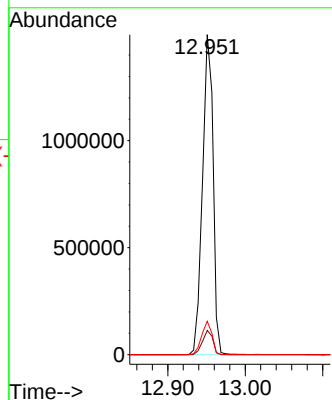
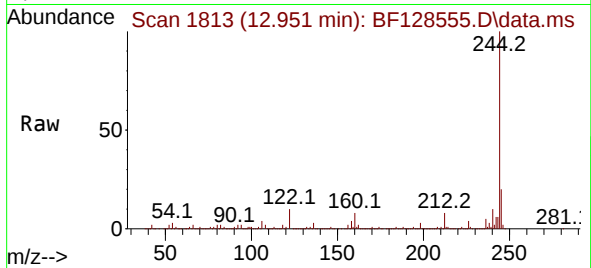




#79
 Terphenyl-d14
 Concen: 80.157 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128555.D
 Acq: 28 May 2022 18:38

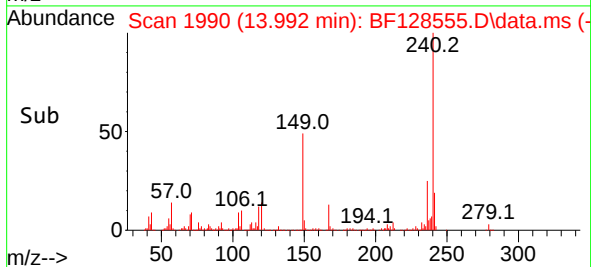
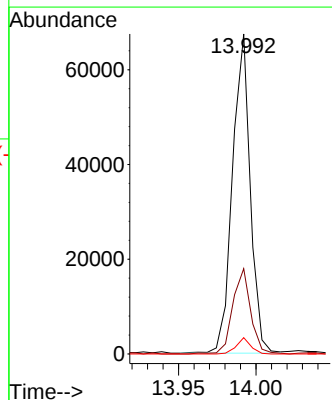
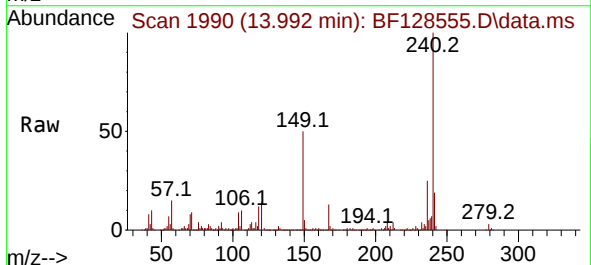
Instrument :
 BNA_F
 ClientSampleId :
 P023-SS004-0006-01

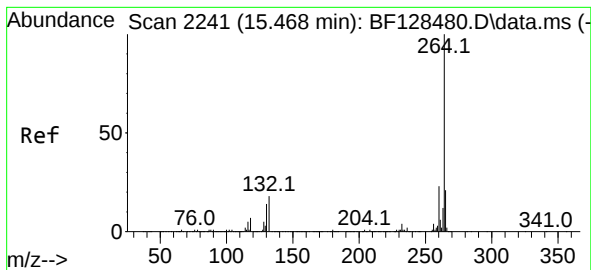
Tgt Ion:244 Resp: 1422032
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.5 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.075 ng
 RT: 13.992 min Scan# 1990
 Delta R.T. -0.006 min
 Lab File: BF128555.D
 Acq: 28 May 2022 18:38

Tgt Ion:149 Resp: 53683
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 5.1 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128555.D

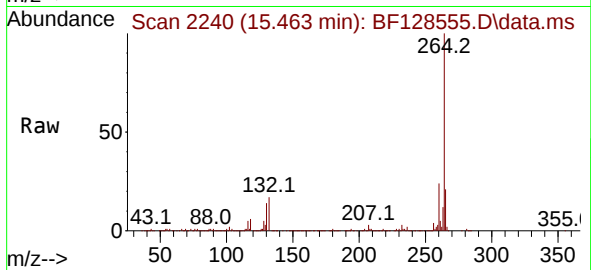
Acq: 28 May 2022 18:38

Instrument :

BNA_F

ClientSampleId :

P023-SS004-0006-01



Tgt Ion:264 Resp: 330047

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.4 17.2 25.8

