

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128525.D
 Acq On : 27 May 2022 23:00
 Operator : CG\JU
 Sample : N2921-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-0612-01

Quant Time: May 28 00:09:22 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)

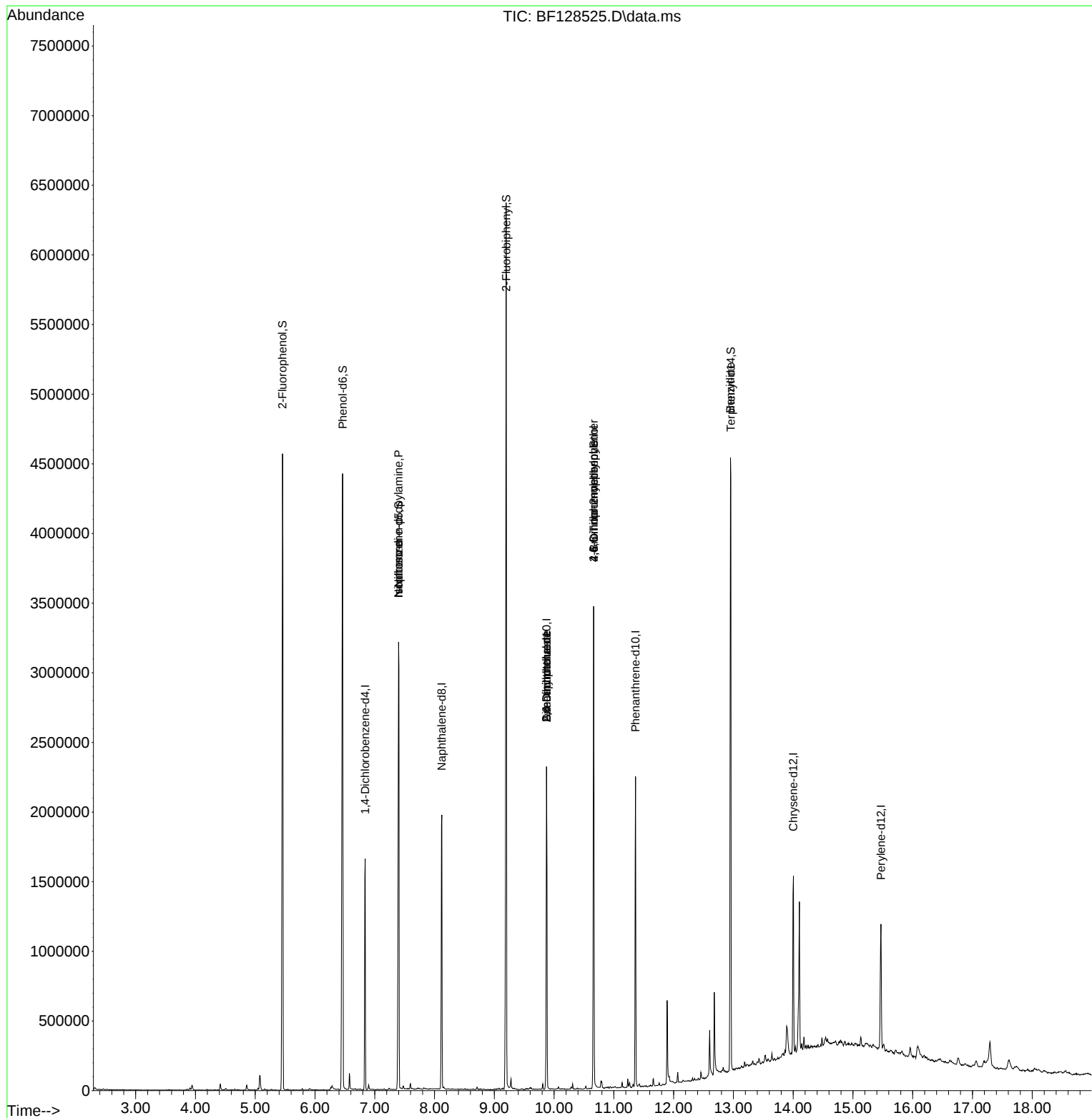
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	238550	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	904029	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	471997	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	775393	20.000	ng	0.00
76) Chrysene-d12	14.004	240	446108	20.000	ng	0.00
86) Perylene-d12	15.468	264	416165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1356050	94.159	ng	0.00
7) Phenol-d6	6.463	99	1738405	94.671	ng	0.00
23) Nitrobenzene-d5	7.398	82	1187953	75.806	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	394185	87.741	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2043931	70.353	ng	0.00
79) Terphenyl-d14	12.957	244	1659225	71.856	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	580	Below Cal		96
19) n-Nitroso-di-n-propyla...	7.398	70	162750	14.455 ng	#	78
25) Isophorone	7.398	82	1178497	40.766 ng	#	65
50) Dimethylphthalate	9.875	163	81104	2.649 ng	#	1
51) 2,6-Dinitrotoluene	9.875	165	61297	10.924 ng	#	25
57) 2,4-Dinitrotoluene	9.875	165	61297	9.131 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	873	5.718 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	26296	3.282 ng	#	1
77) Benzidine	12.951	184	22955	2.231 ng	#	94

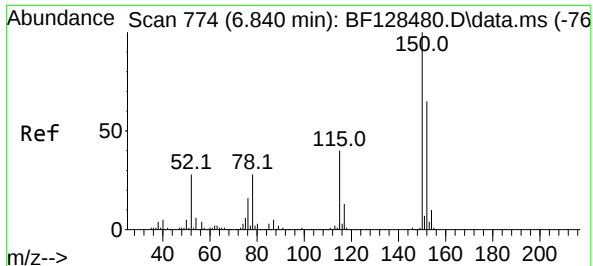
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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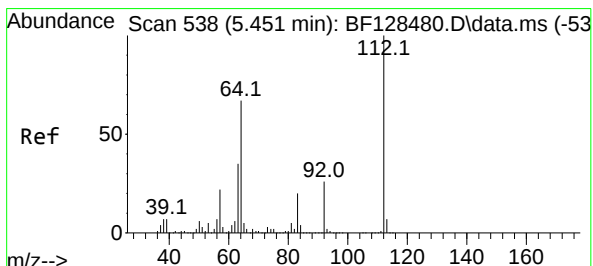
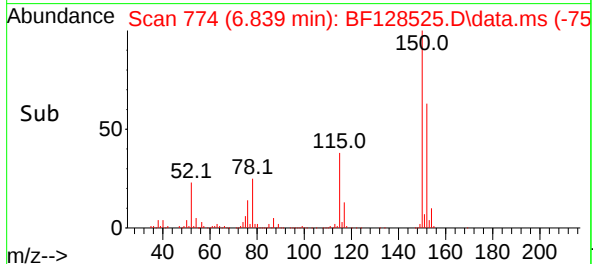
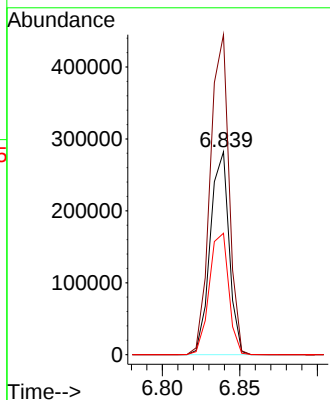
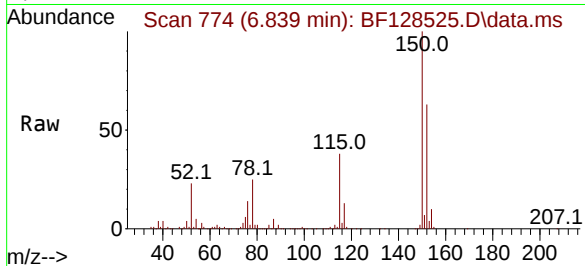




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

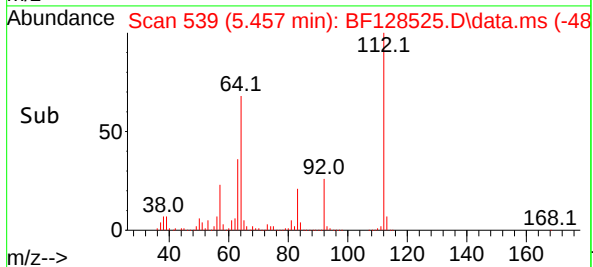
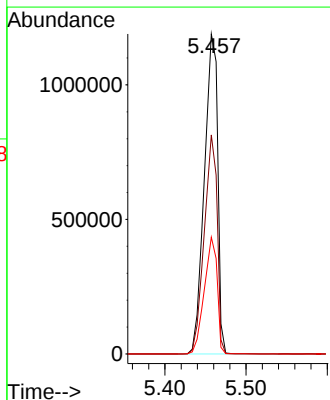
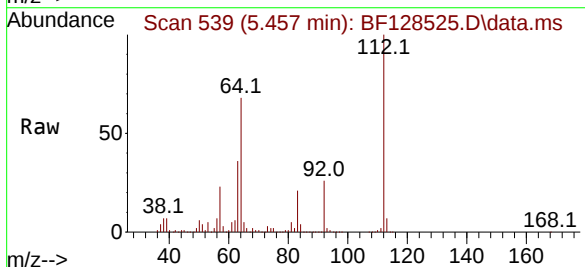
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

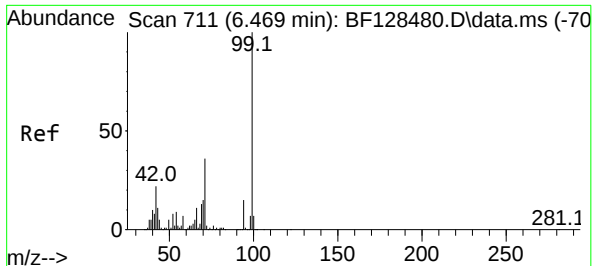
Tgt Ion:152 Resp: 238550
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 59.9 49.9 74.9



#5
2-Fluorophenol
Concen: 94.159 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion:112 Resp: 1356050
Ion Ratio Lower Upper
112 100
64 68.5 53.3 79.9
63 36.5 28.0 42.0

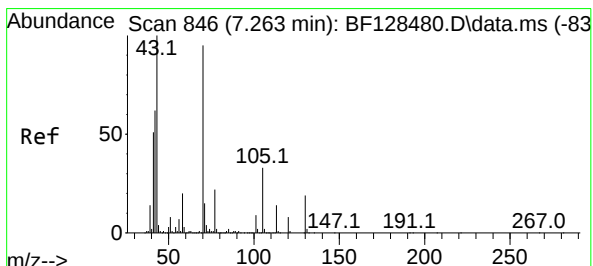
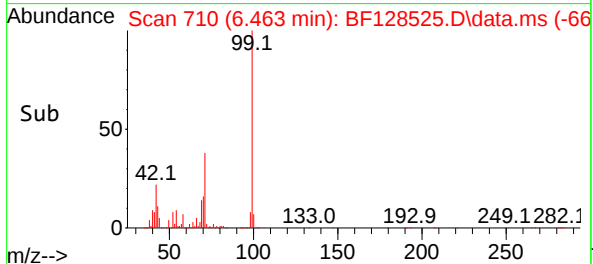
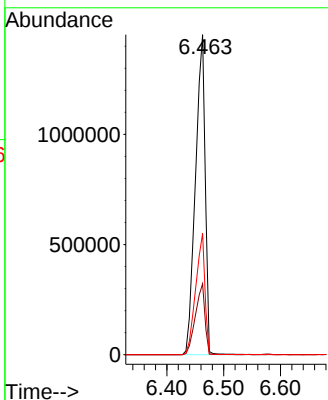
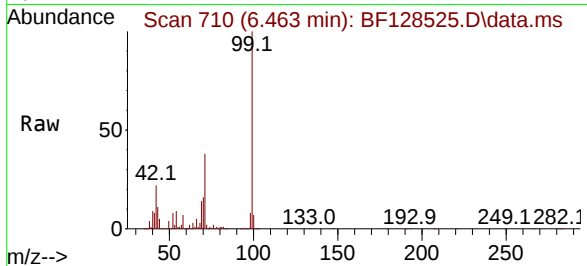




#7
Phenol-d6
Concen: 94.671 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

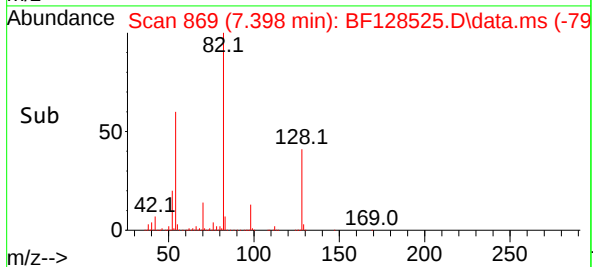
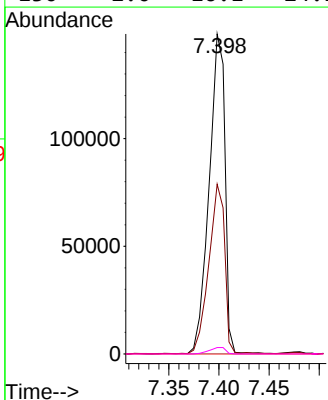
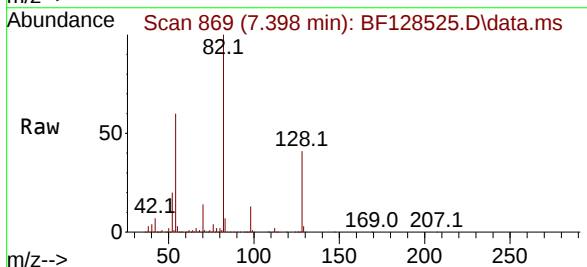
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

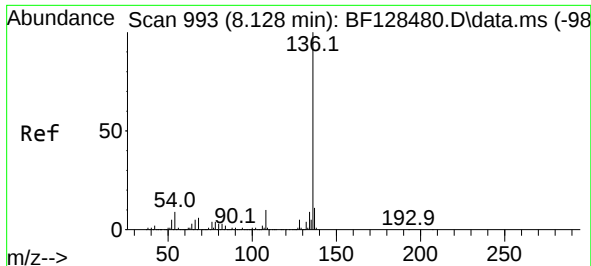
Tgt Ion: 99 Resp: 1738405
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 37.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.455 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion: 70 Resp: 162750
Ion Ratio Lower Upper
70 100
42 53.0 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



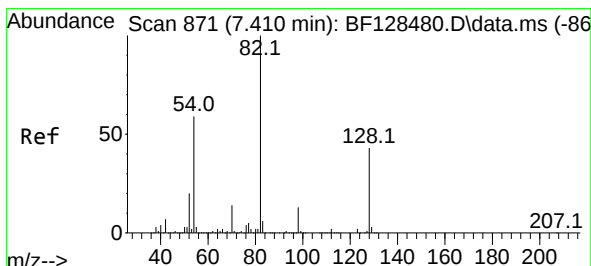
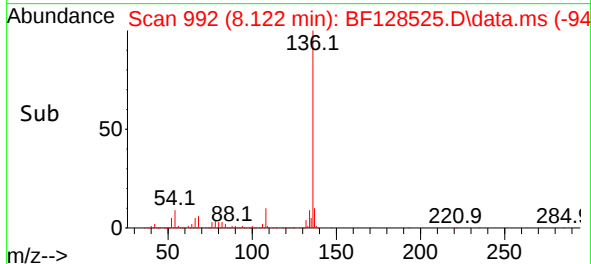
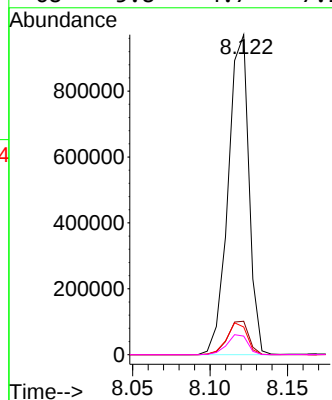
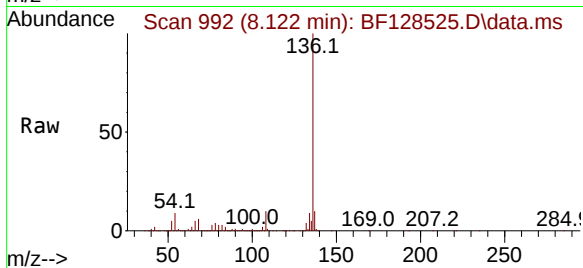


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

Tgt Ion:136 Resp: 904029

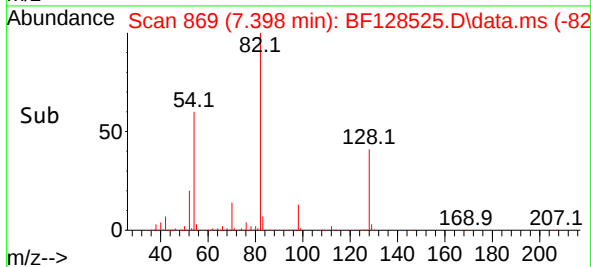
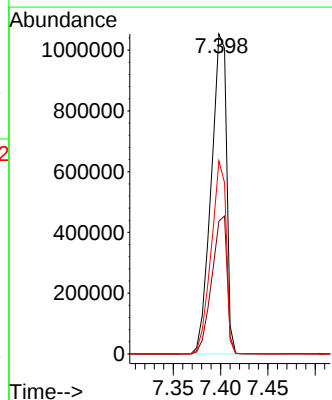
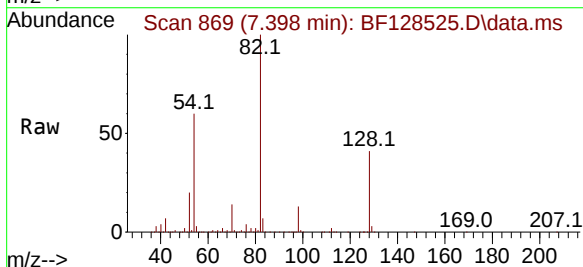
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.7	7.5	11.3
68	5.8	4.7	7.1

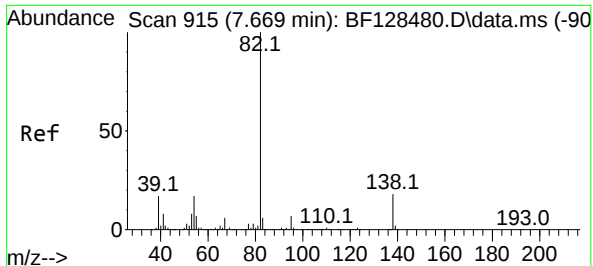


#23
Nitrobenzene-d5
Concen: 75.806 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion: 82 Resp: 1187953

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.0	51.0
54	60.3	46.9	70.3

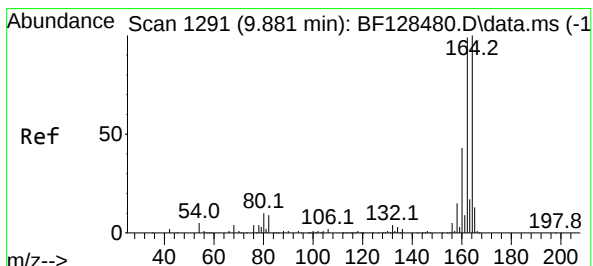
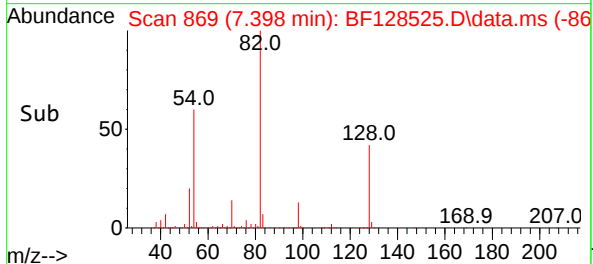
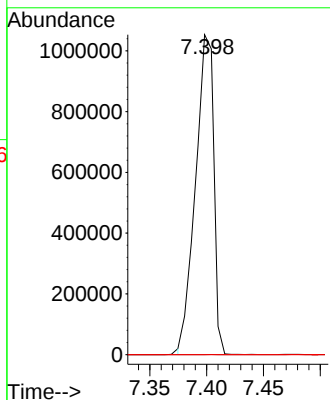
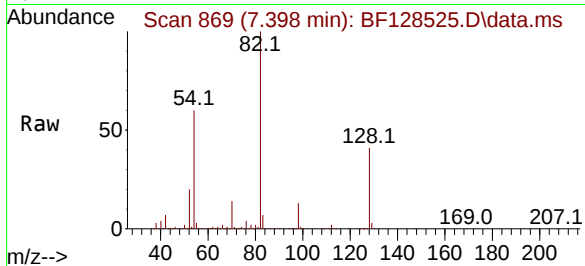




#25
Isophorone
Concen: 40.766 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

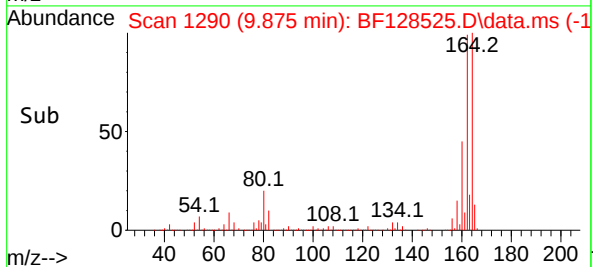
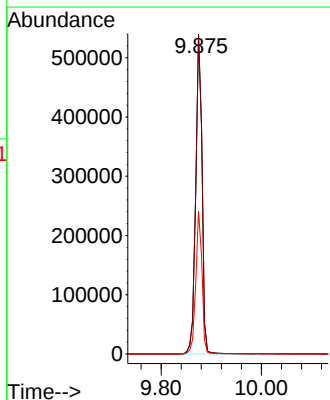
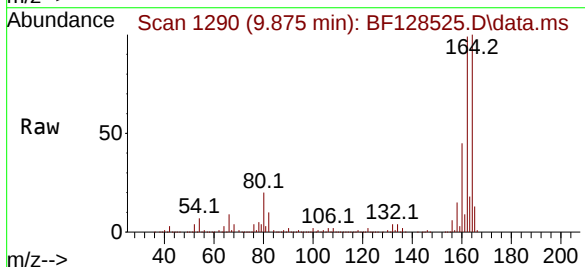
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

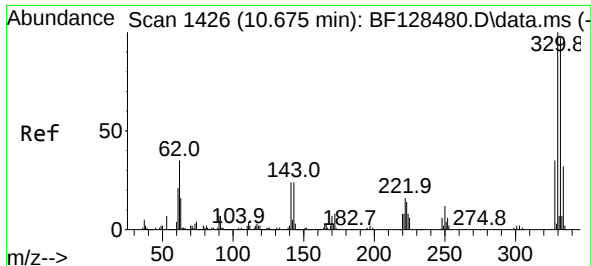
Tgt Ion: 82 Resp: 1178497
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion:164 Resp: 471997
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 44.6 34.2 51.4

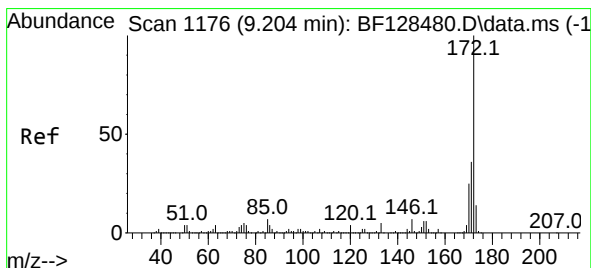
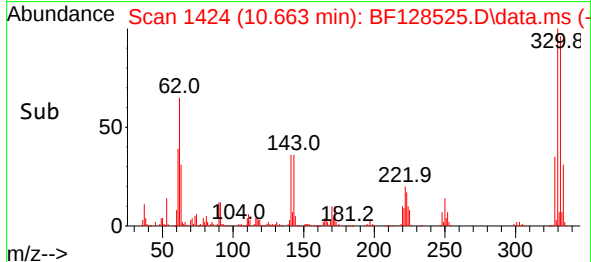
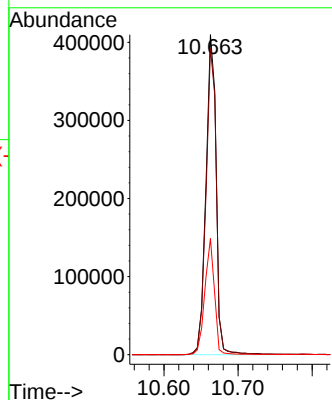
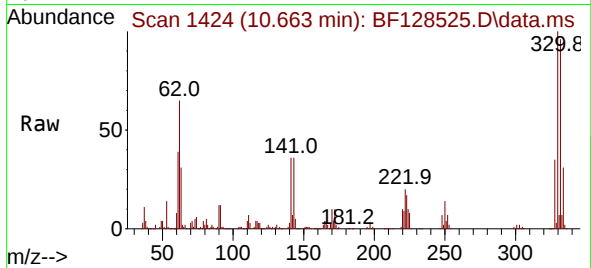




#42
2,4,6-Tribromophenol
Concen: 87.741 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

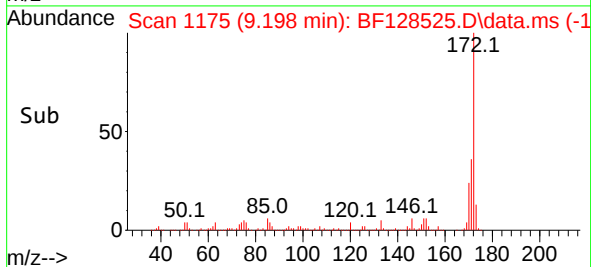
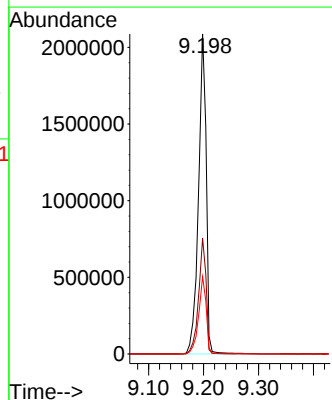
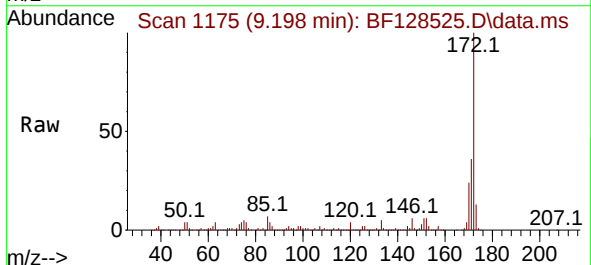
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

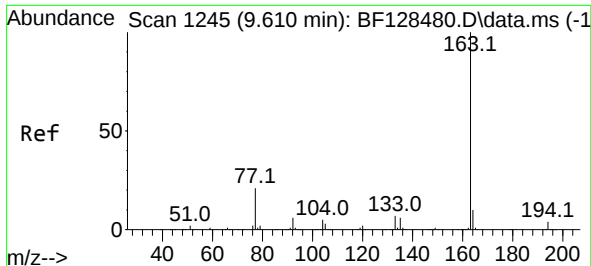
Tgt Ion:330 Resp: 394185
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 34.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 70.353 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion:172 Resp: 2043931
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.2 19.8 29.8

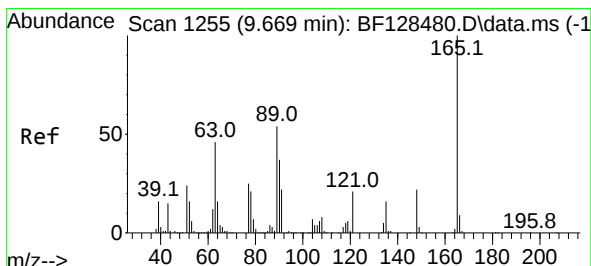
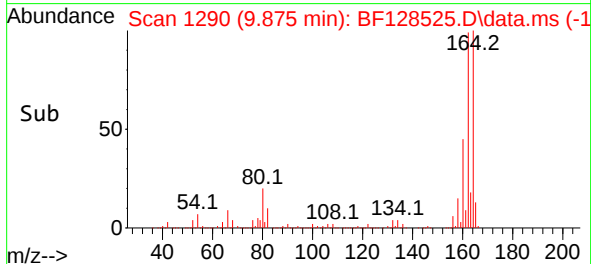
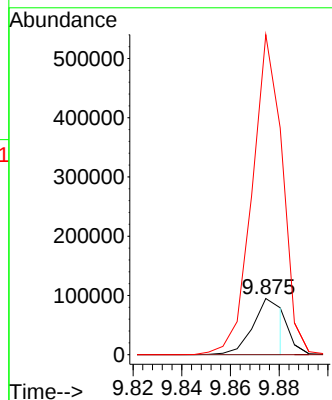
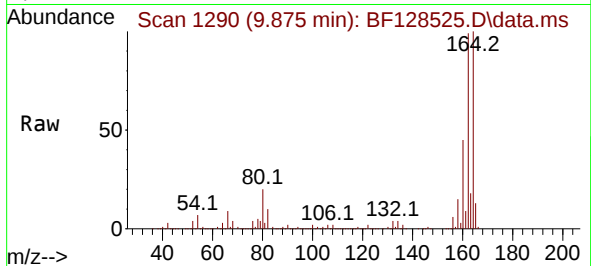




#50
Dimethylphthalate
Concen: 2.649 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

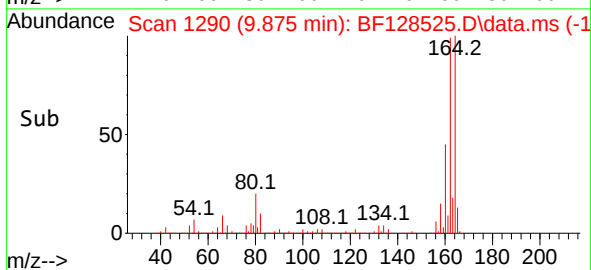
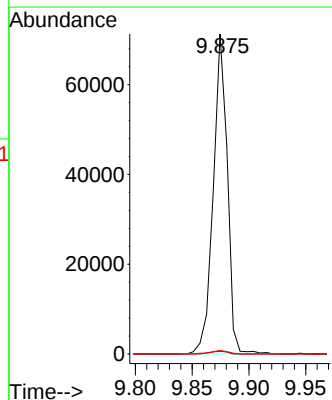
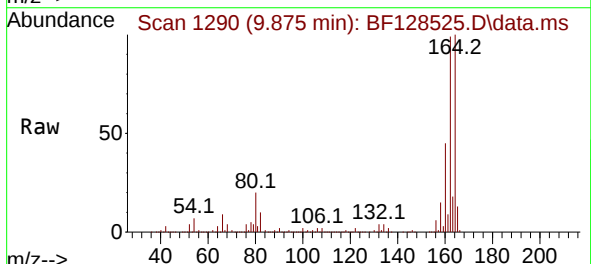
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

Tgt Ion:163 Resp: 81104
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 570.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.924 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion:165 Resp: 61297
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.1 43.6 65.4#

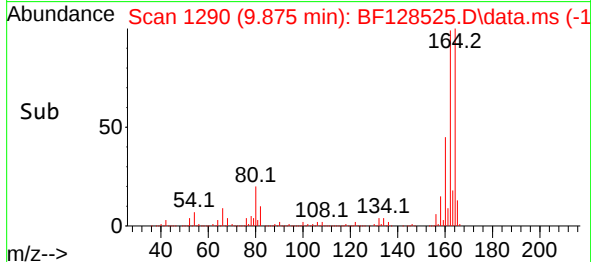
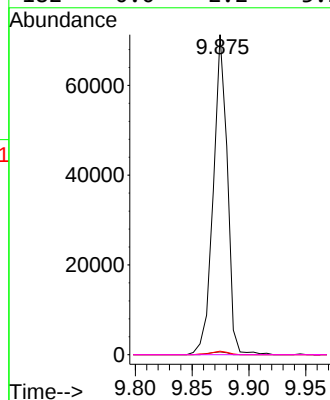
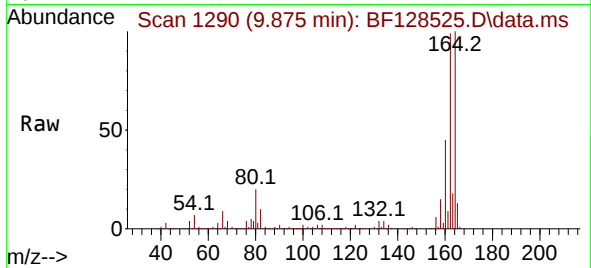




#57
2,4-Dinitrotoluene
Concen: 9.131 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

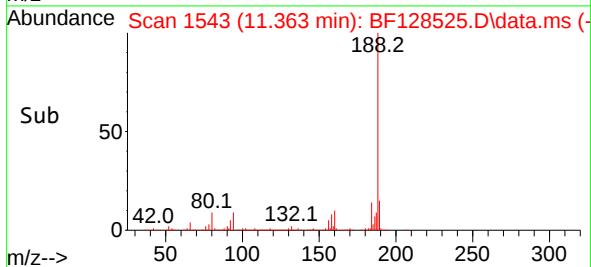
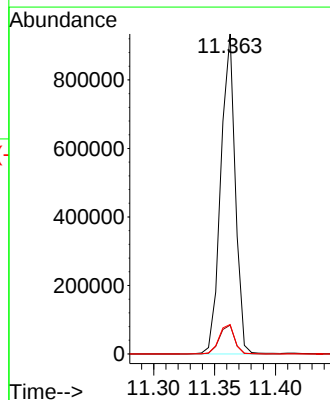
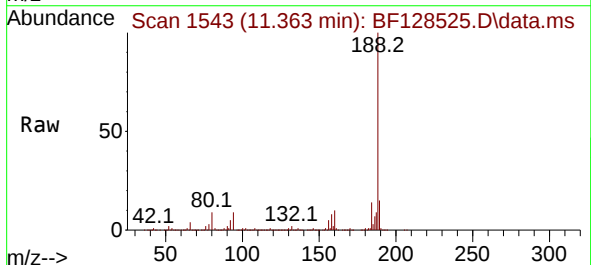
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

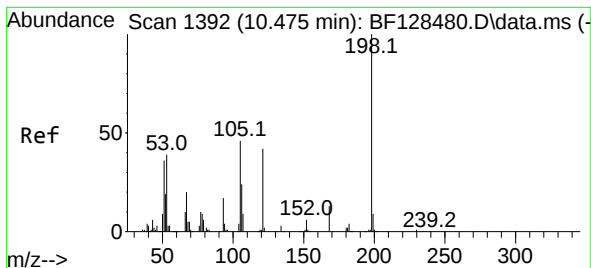
Tgt Ion:165 Resp: 61297
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion:188 Resp: 775393
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.2 7.6 11.4

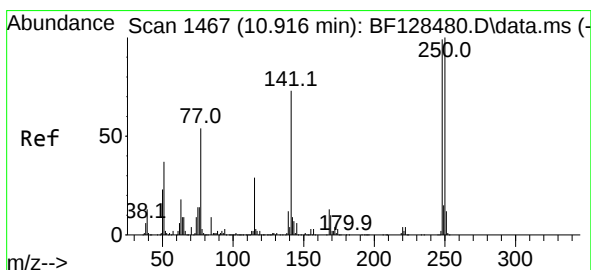
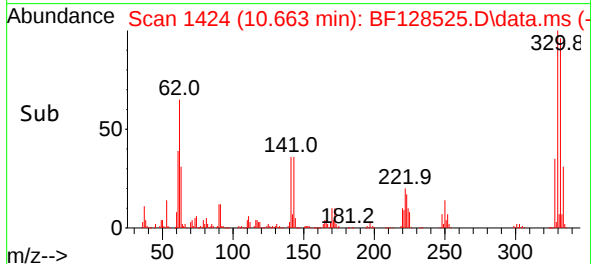
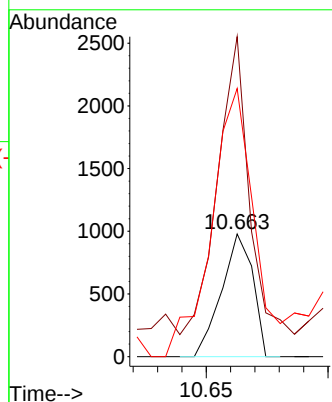
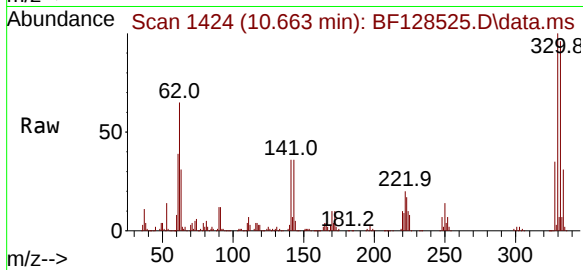




#65
4,6-Dinitro-2-methylphenol
Concen: 5.718 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

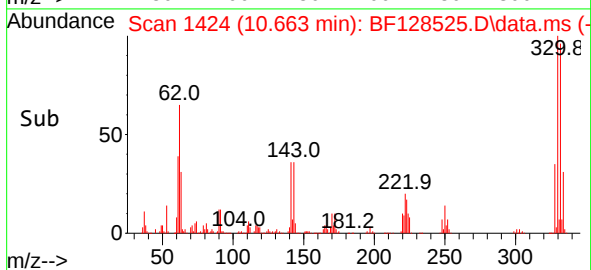
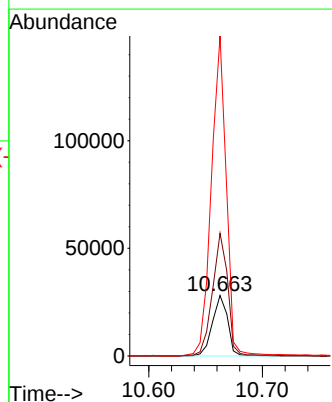
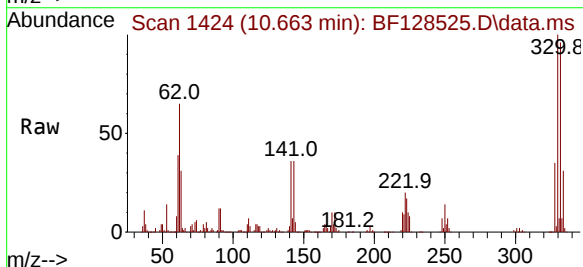
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

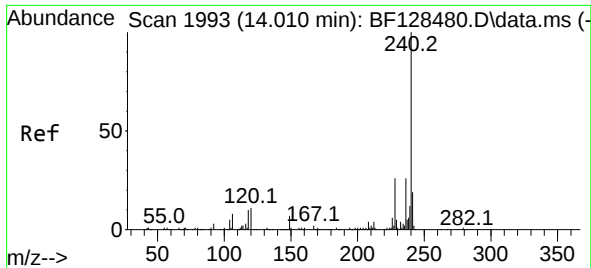
Tgt Ion:198 Resp: 873
Ion Ratio Lower Upper
198 100
51 260.7 37.6 77.6#
105 218.4 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.282 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion:248 Resp: 26296
Ion Ratio Lower Upper
248 100
250 202.9 80.6 120.8#
141 529.3 58.9 88.3#

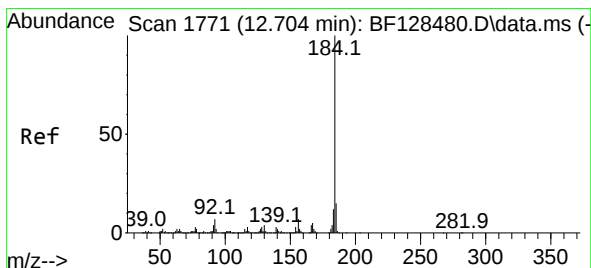
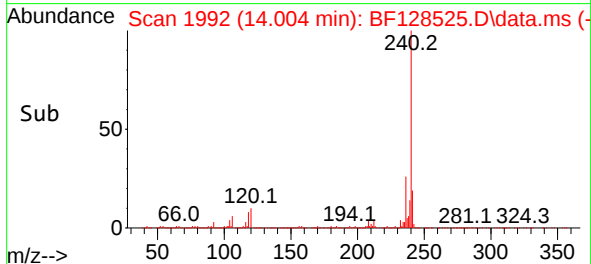
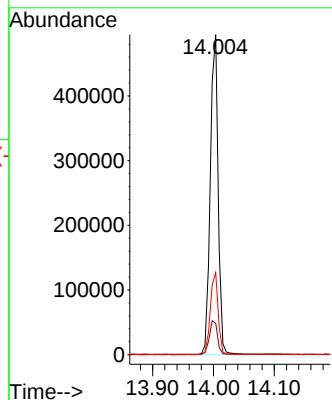
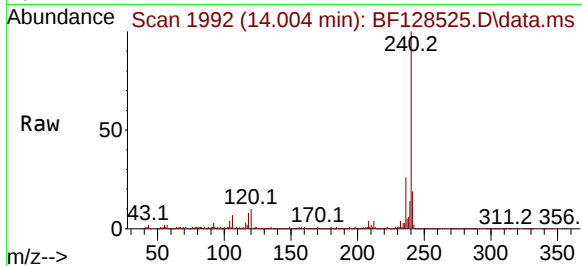




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

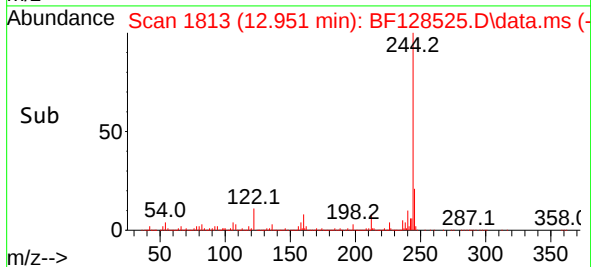
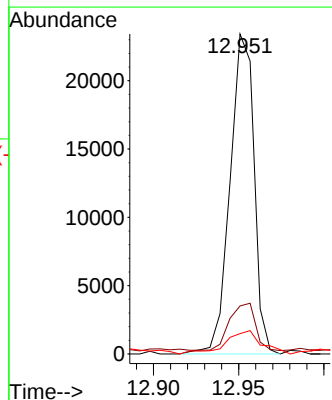
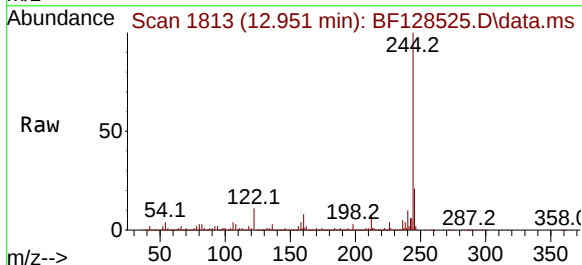
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0612-01

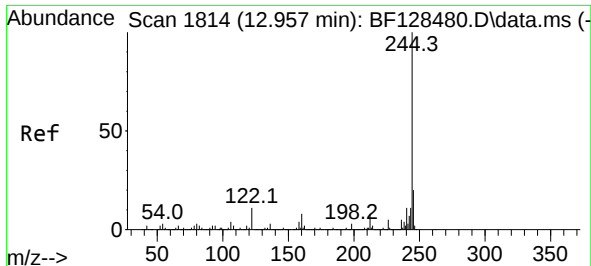
Tgt Ion:240 Resp: 446108
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.231 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128525.D
Acq: 27 May 2022 23:00

Tgt Ion:184 Resp: 22955
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 6.3 9.3 13.9#

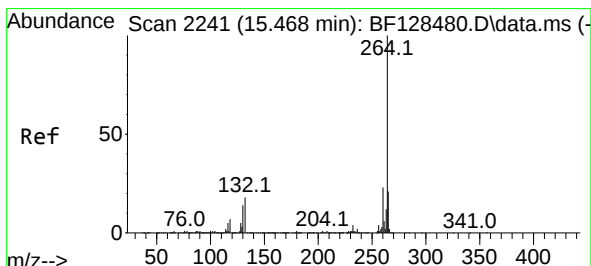
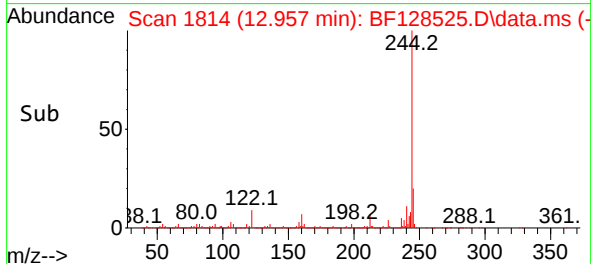
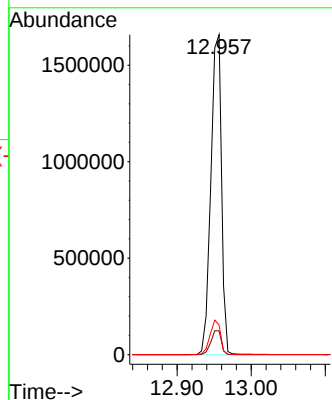
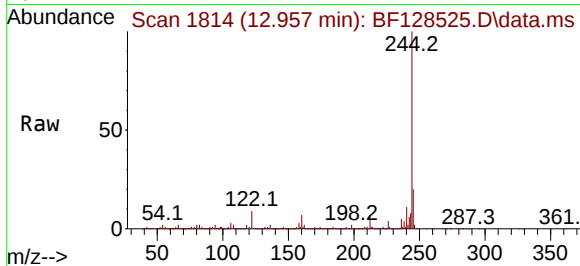




#79
 Terphenyl-d14
 Concen: 71.856 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128525.D
 Acq: 27 May 2022 23:00

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-0612-01

Tgt Ion:244 Resp: 1659225
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.2 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: BF128525.D
 Acq: 27 May 2022 23:00

Tgt Ion:264 Resp: 416165
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.0 17.2 25.8

