

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128526.D
 Acq On : 27 May 2022 23:30
 Operator : CG\JU
 Sample : N2930-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P005-SS003-1218-01

Quant Time: May 28 00:09:30 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)

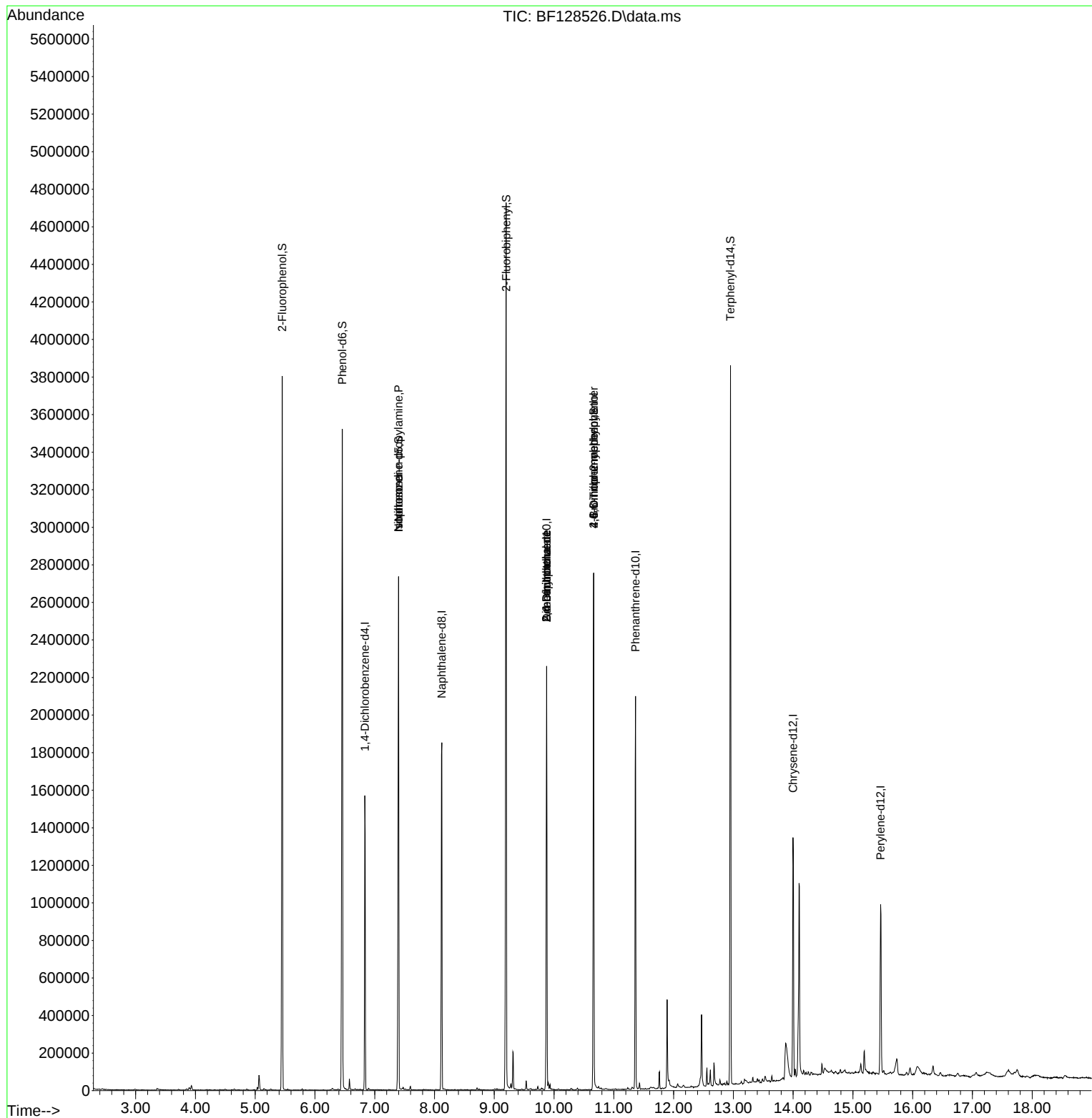
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	223121	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	837558	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	441295	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	755116	20.000	ng	0.00
76) Chrysene-d12	13.998	240	440710	20.000	ng	-0.01
86) Perylene-d12	15.463	264	409733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	995187	73.881	ng	0.00
7) Phenol-d6	6.457	99	1289965	75.107	ng	-0.01
23) Nitrobenzene-d5	7.398	82	848483	58.441	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	316256	75.292	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1500987	55.259	ng	0.00
79) Terphenyl-d14	12.951	244	1284994	56.331	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	461	Below Cal		92
19) n-Nitroso-di-n-propyla...	7.398	70	112426	10.676 ng	#	79
25) Isophorone	7.398	82	840501	31.382 ng	#	65
50) Dimethylphthalate	9.875	163	77396	2.704 ng	#	1
51) 2,6-Dinitrotoluene	9.875	165	56781	10.823 ng	#	25
57) 2,4-Dinitrotoluene	9.875	165	56781	9.047 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	808	5.707 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	19983	2.561 ng	#	1

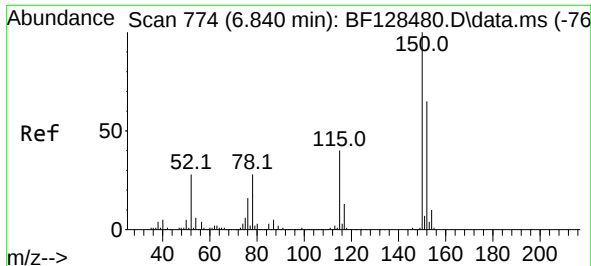
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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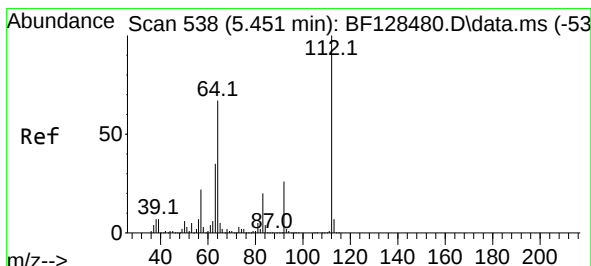
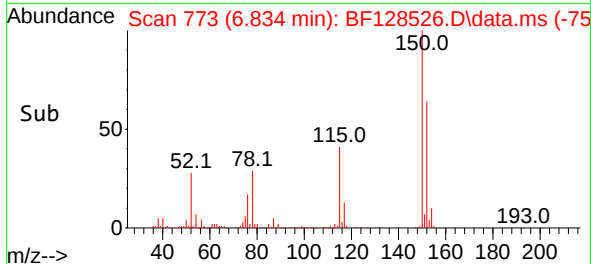
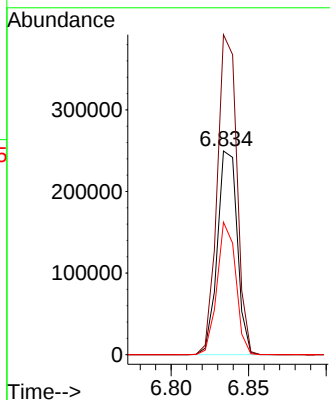
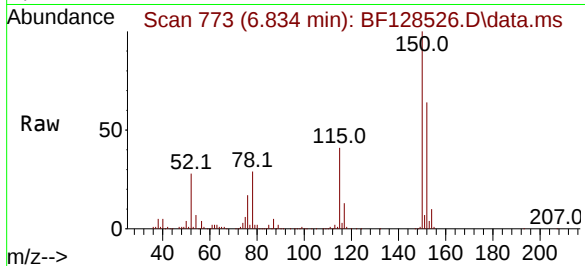




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

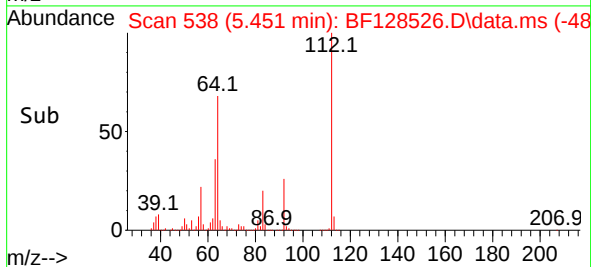
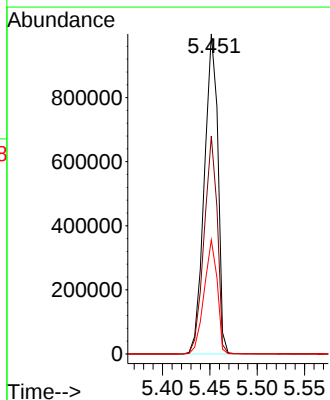
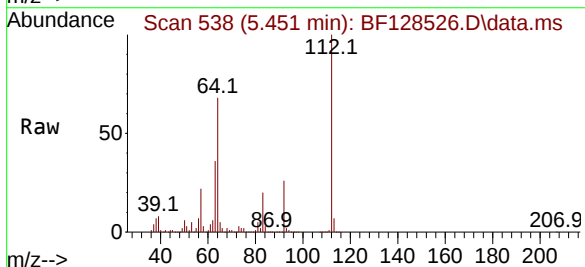
Instrument :
BNA_F
ClientSampleId :
P005-SS003-1218-01

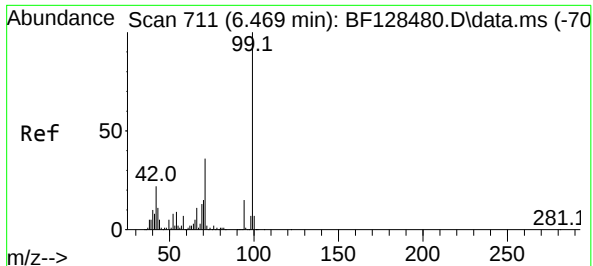
Tgt Ion:152 Resp: 223121
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 65.0 49.9 74.9



#5
2-Fluorophenol
Concen: 73.881 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

Tgt Ion:112 Resp: 995187
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 35.7 28.0 42.0

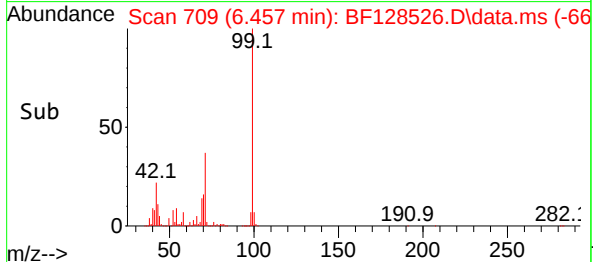
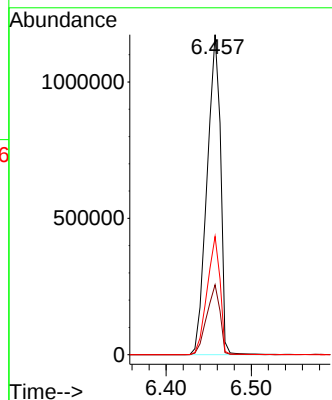
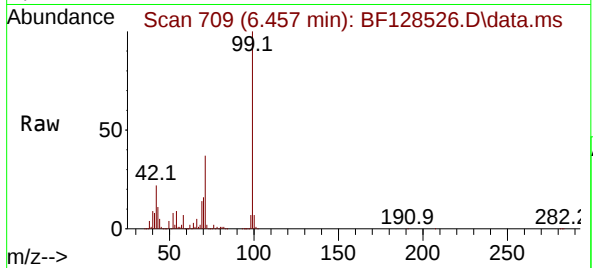




#7
Phenol-d6
Concen: 75.107 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

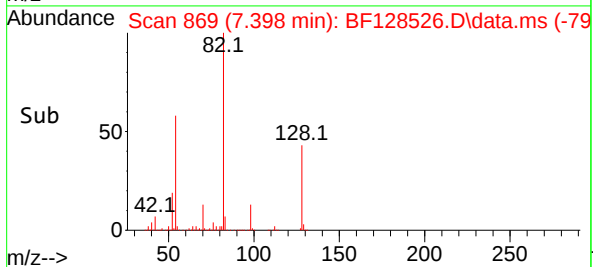
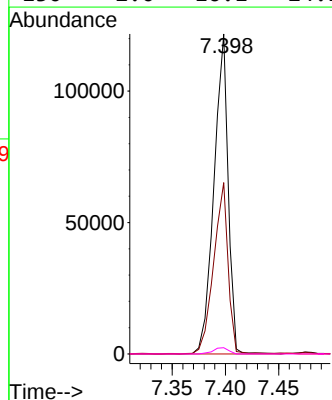
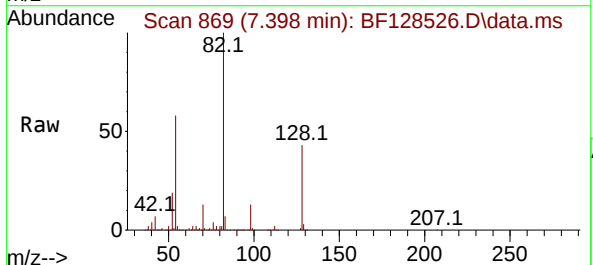
Instrument :
BNA_F
ClientSampleId :
P005-SS003-1218-01

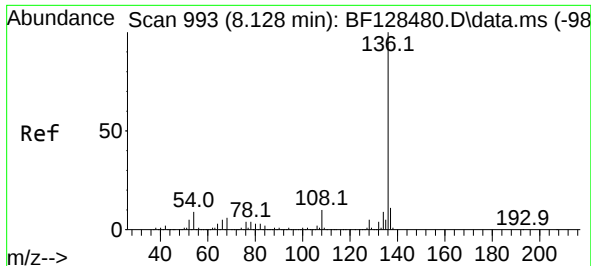
Tgt Ion: 99 Resp: 1289965
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 37.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.676 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

Tgt Ion: 70 Resp: 112426
Ion Ratio Lower Upper
70 100
42 53.6 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# 91

Delta R.T. -0.006 min

Lab File: BF128526.D

Acq: 27 May 2022 23:30

Instrument :

BNA_F

ClientSampleId :

P005-SS003-1218-01

Tgt Ion:136 Resp: 837558

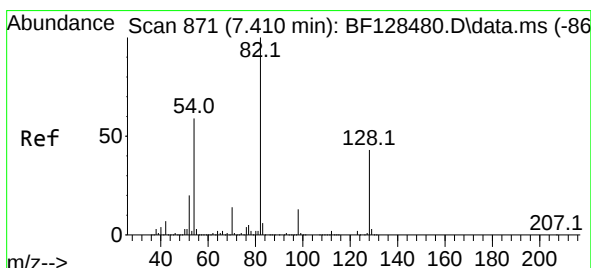
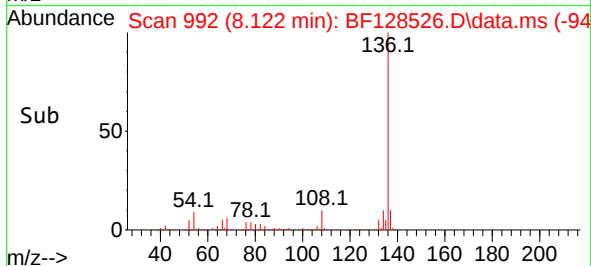
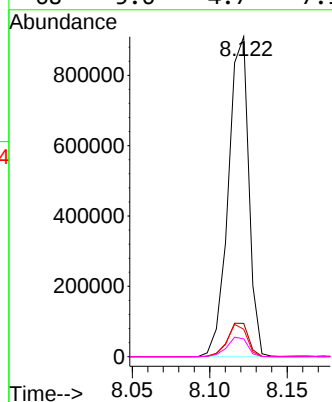
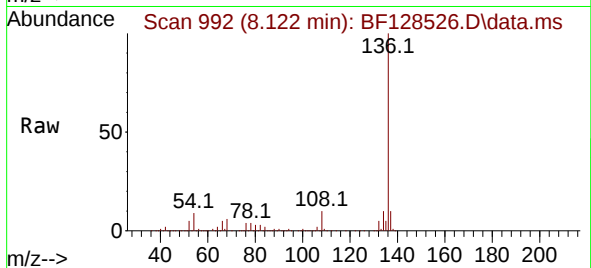
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 8.6 7.5 11.3

68 5.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 58.441 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128526.D

Acq: 27 May 2022 23:30

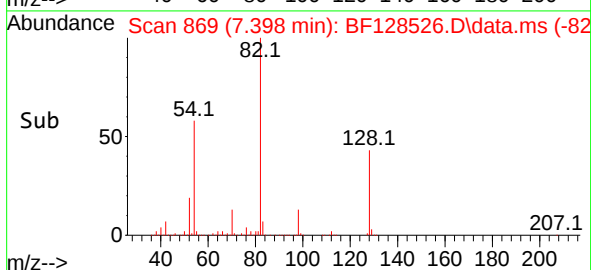
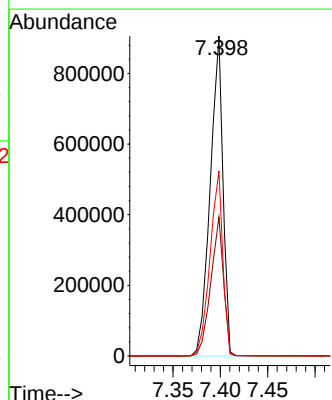
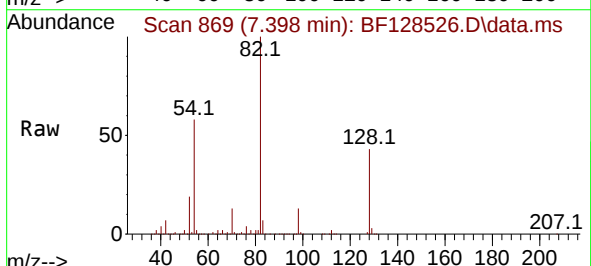
Tgt Ion: 82 Resp: 848483

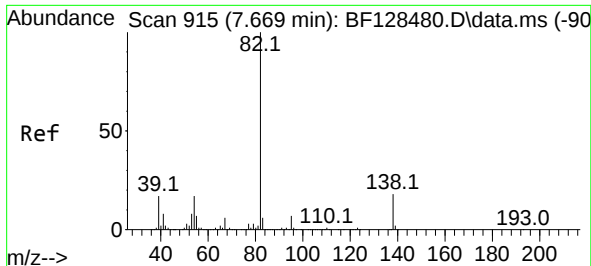
Ion Ratio Lower Upper

82 100

128 43.4 34.0 51.0

54 57.8 46.9 70.3

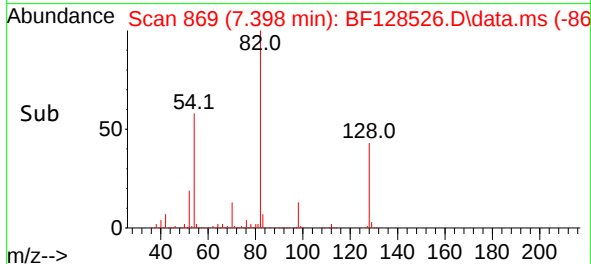
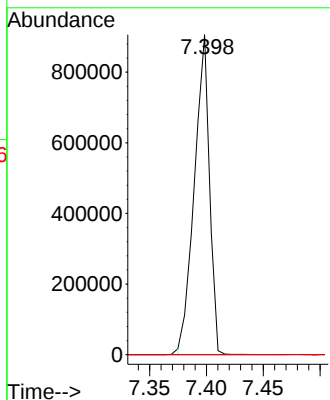
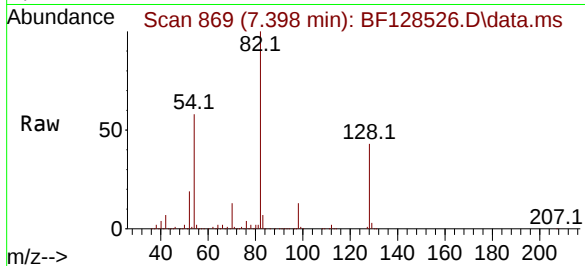




#25
Isophorone
Concen: 31.382 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

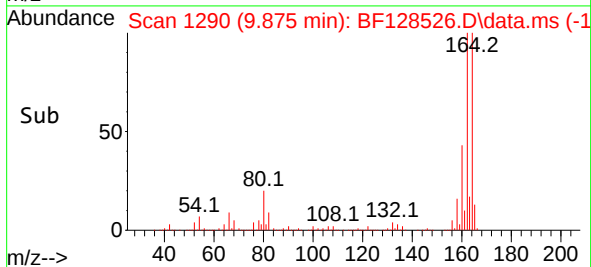
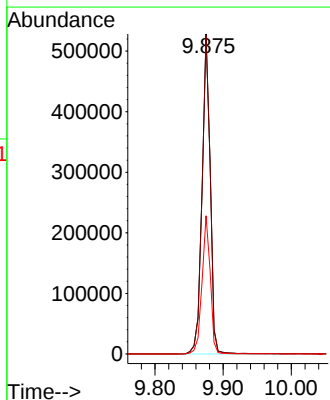
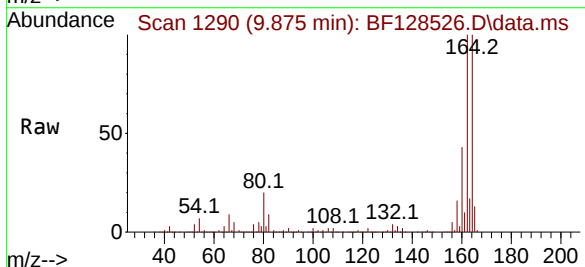
Instrument :
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P005-SS003-1218-01

Tgt Ion: 82 Resp: 840501
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: BF128526.D
Acq: 27 May 2022 23:30

Tgt Ion: 164 Resp: 441295
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 43.2 34.2 51.4

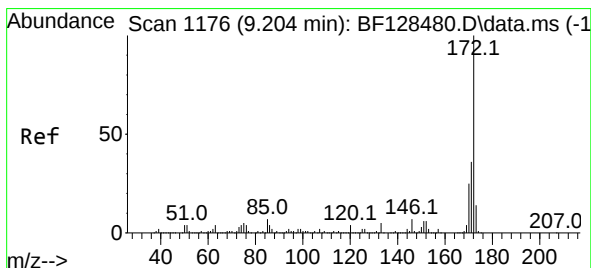
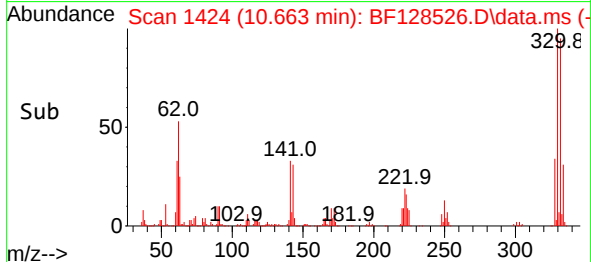
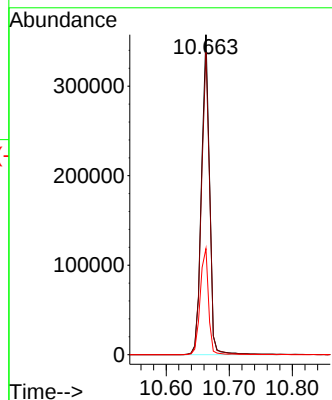
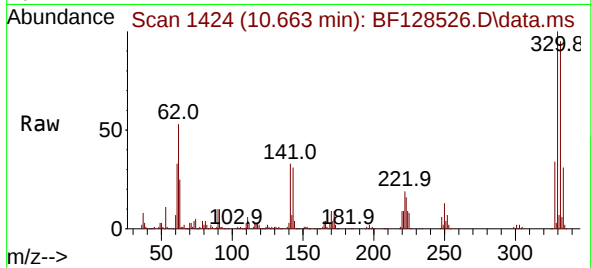




#42
 2,4,6-Tribromophenol
 Concen: 75.292 ng
 RT: 10.663 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: BF128526.D
 Acq: 27 May 2022 23:30

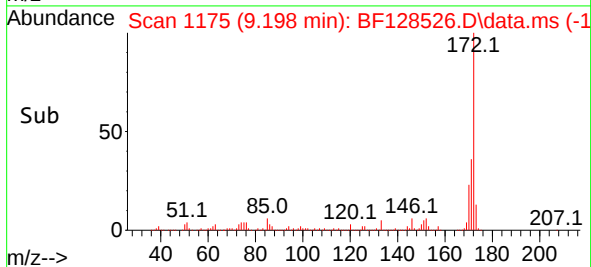
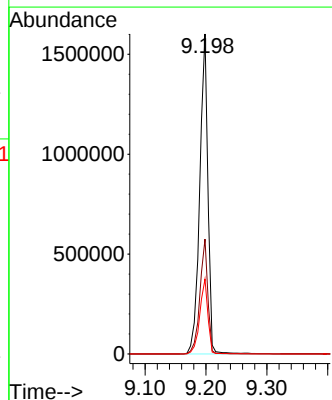
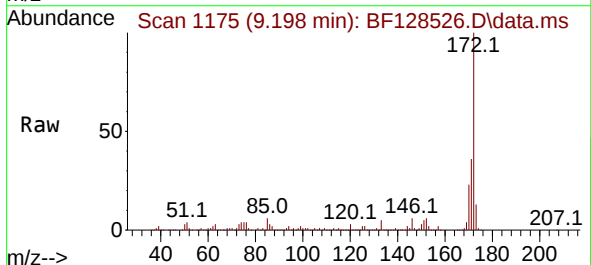
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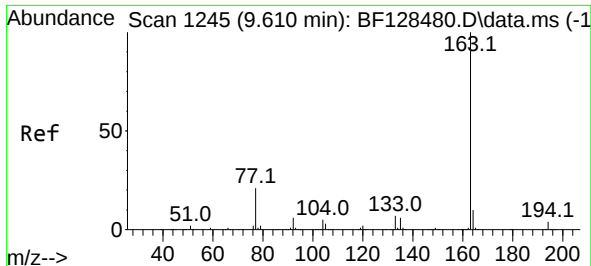
Tgt Ion:330 Resp: 316256
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 34.4 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 55.259 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128526.D
 Acq: 27 May 2022 23:30

Tgt Ion:172 Resp: 1500987
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.8 43.2
 170 23.4 19.8 29.8

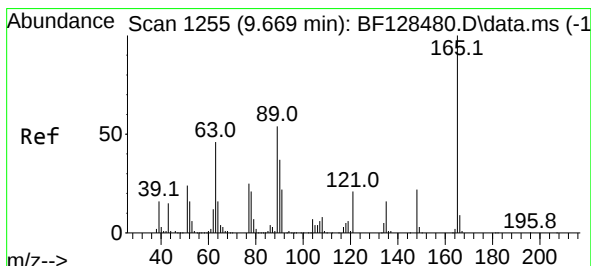
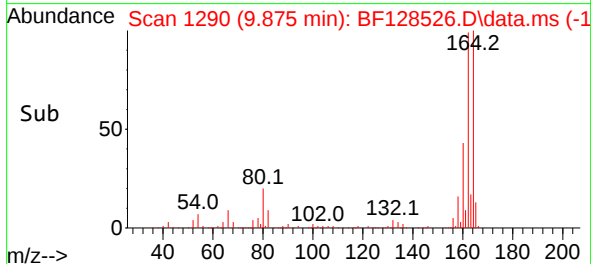
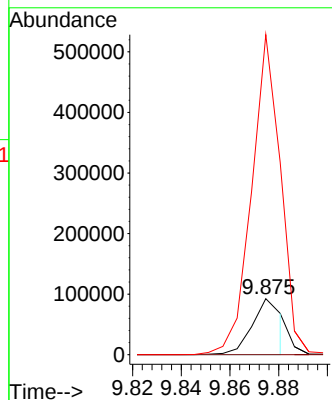
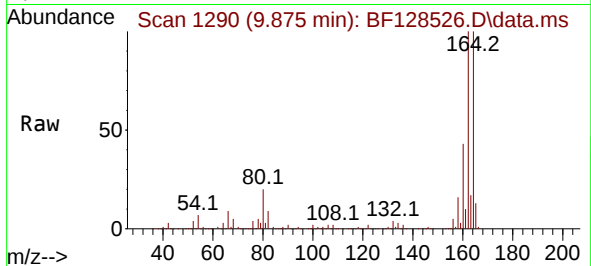




#50
Dimethylphthalate
Concen: 2.704 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

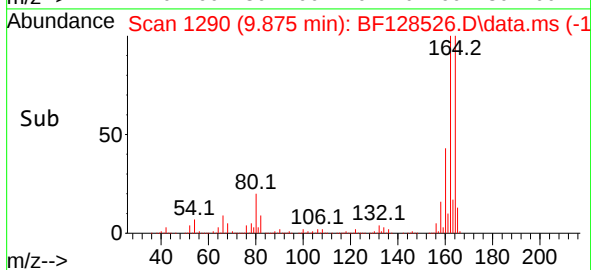
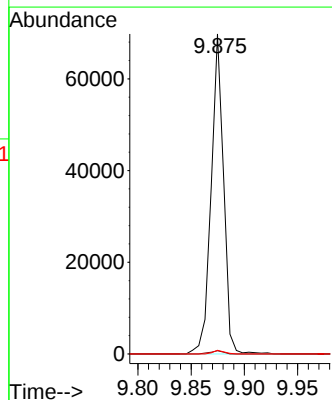
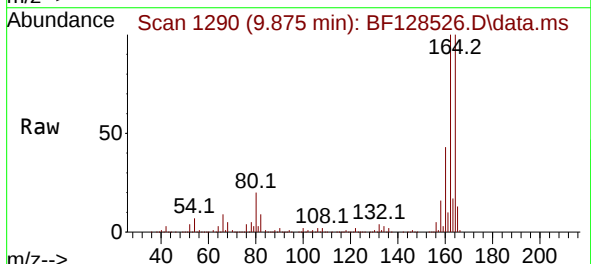
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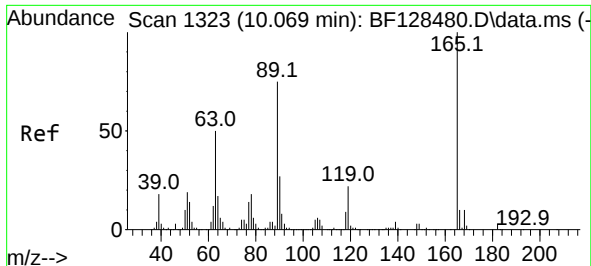
Tgt Ion:163 Resp: 77396
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 572.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.823 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

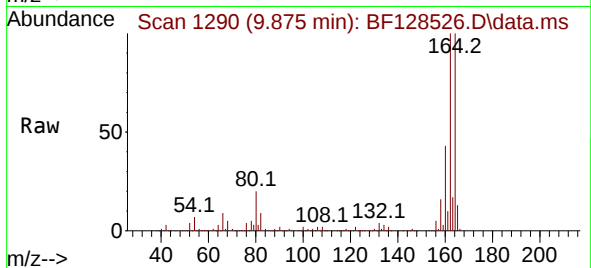
Tgt Ion:165 Resp: 56781
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.1 43.6 65.4#



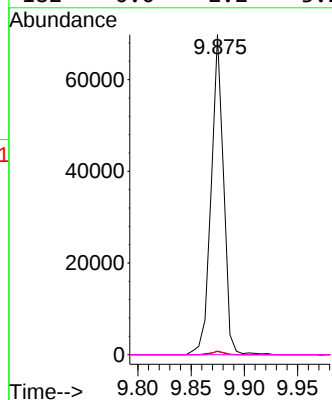
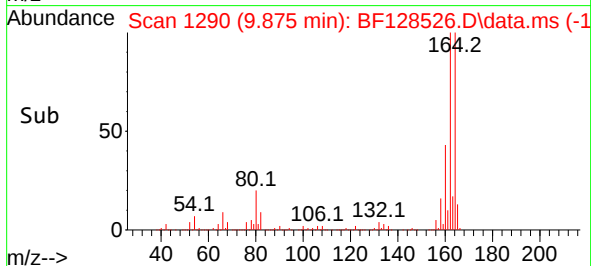


#57
2,4-Dinitrotoluene
Concen: 9.047 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

Instrument :
BNA_F
ClientSampleId :
P005-SS003-1218-01

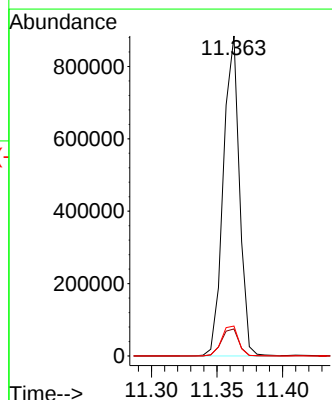
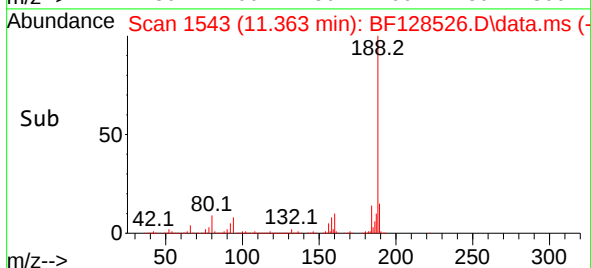
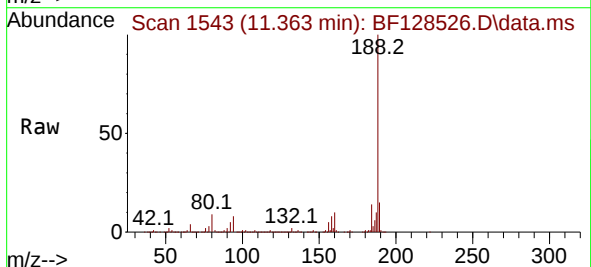


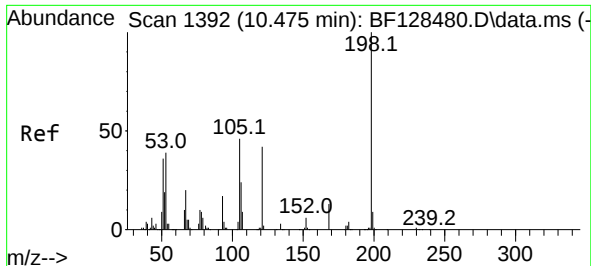
Tgt Ion:165 Resp: 56781
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

Tgt Ion:188 Resp: 755116
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.3 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.707 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128526.D

Acq: 27 May 2022 23:30

Instrument :

BNA_F

ClientSampleId :

P005-SS003-1218-01

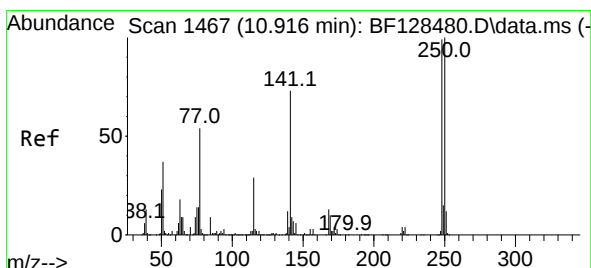
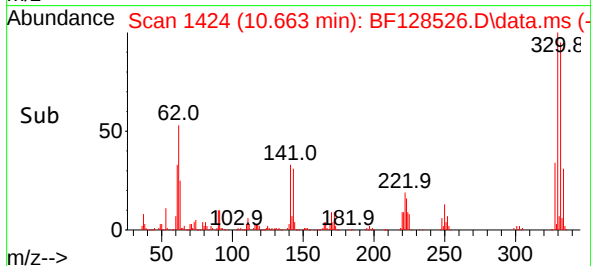
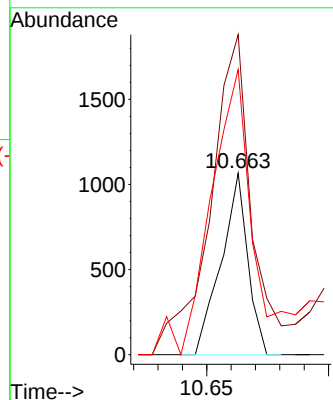
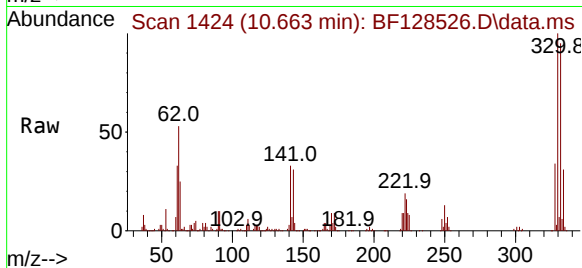
Tgt Ion:198 Resp: 808

Ion Ratio Lower Upper

198 100

51 176.4 37.6 77.6#

105 157.1 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 2.561 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128526.D

Acq: 27 May 2022 23:30

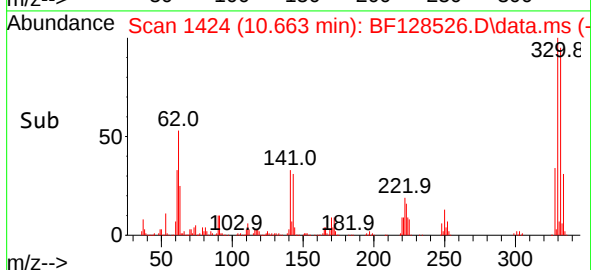
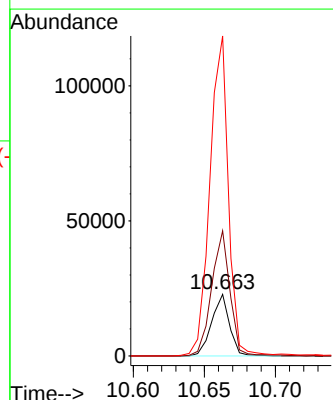
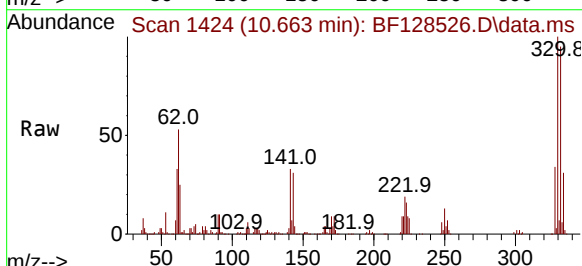
Tgt Ion:248 Resp: 19983

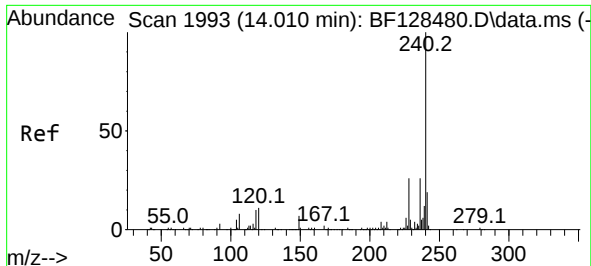
Ion Ratio Lower Upper

248 100

250 203.0 80.6 120.8#

141 519.1 58.9 88.3#

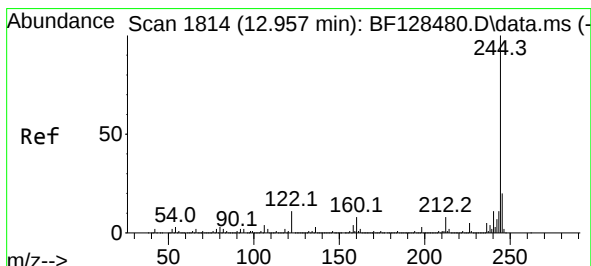
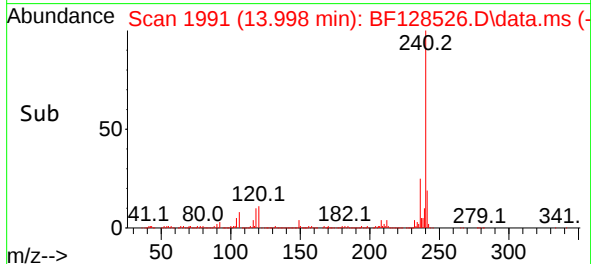
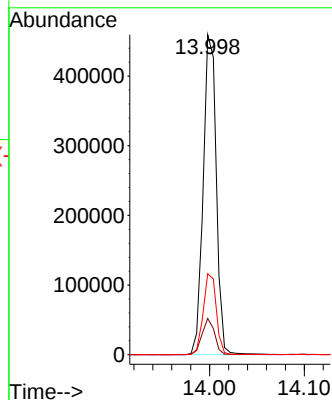
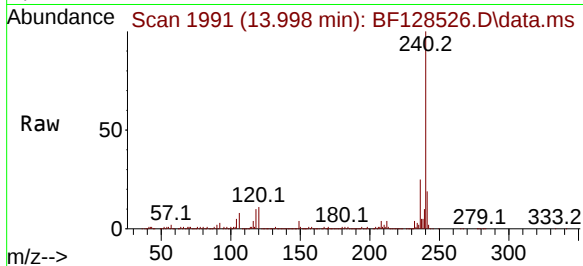




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

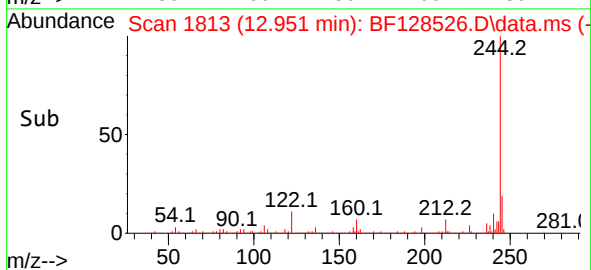
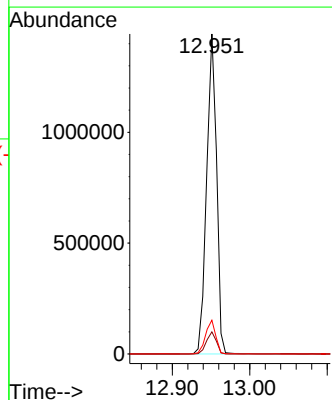
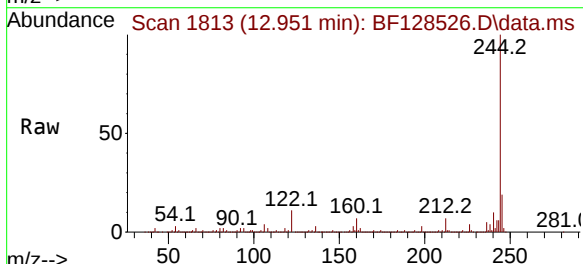
Instrument :
BNA_F
ClientSampleId :
P005-SS003-1218-01

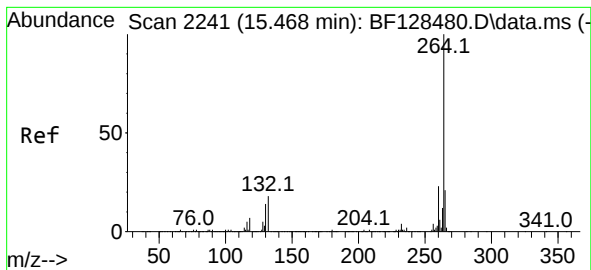
Tgt Ion:240 Resp: 440710
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 56.331 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128526.D
Acq: 27 May 2022 23:30

Tgt Ion:244 Resp: 1284994
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.5 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128526.D

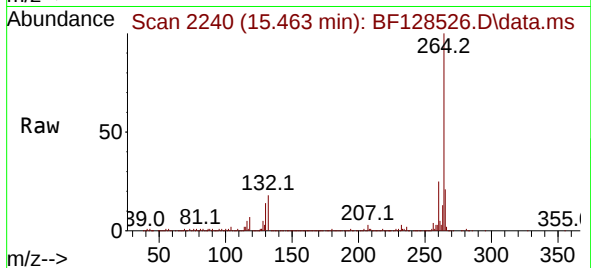
Acq: 27 May 2022 23:30

Instrument :

BNA_F

ClientSampleId :

P005-SS003-1218-01



Tgt Ion:264 Resp: 409733

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 21.2 17.2 25.8

