

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128523.D
 Acq On : 27 May 2022 21:59
 Operator : CG\JU
 Sample : N2930-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P006-SS002-0006-01

Quant Time: May 27 23:20:01 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)

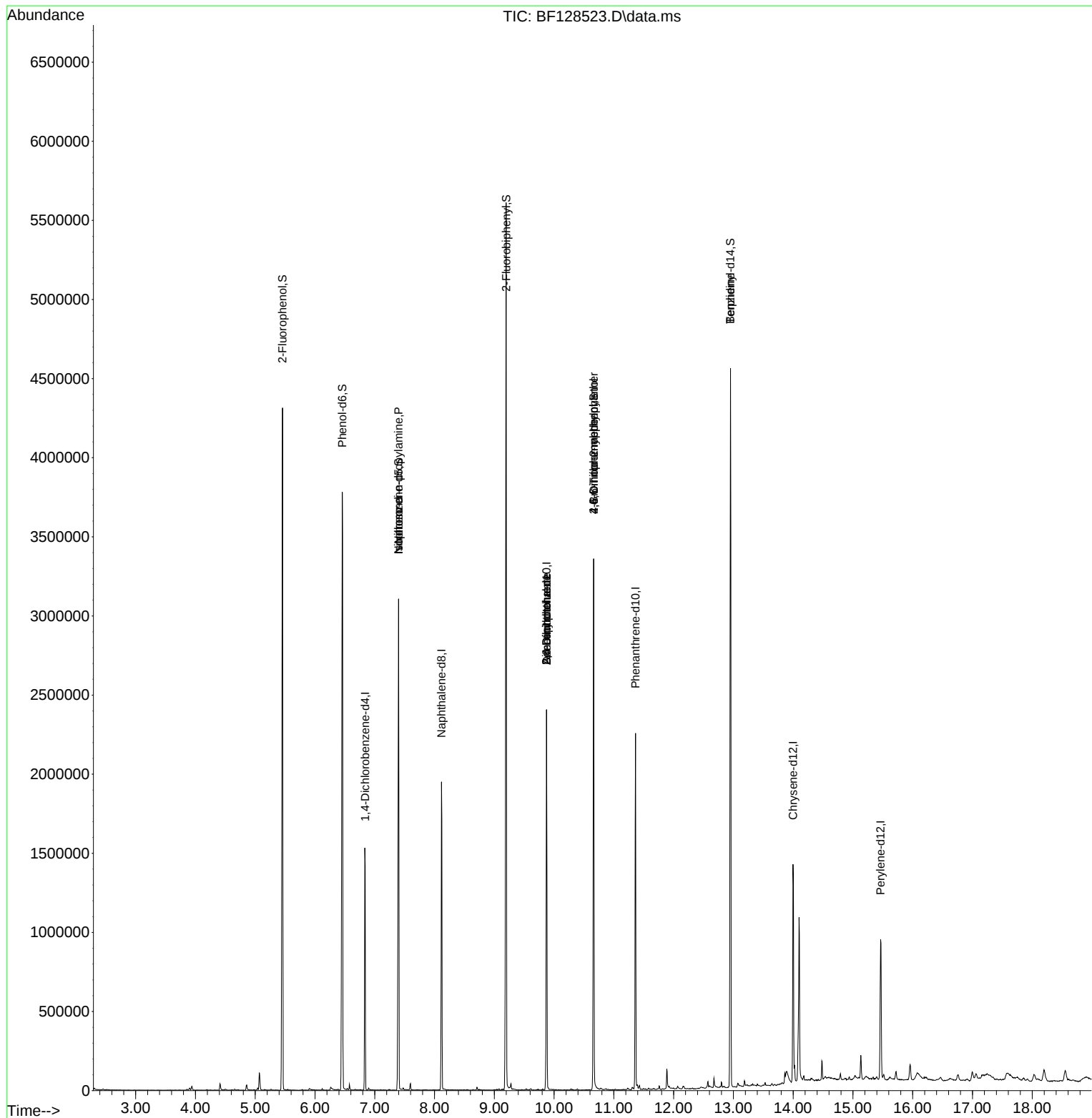
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	224282	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	863324	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	461390	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	790159	20.000	ng	0.00
76) Chrysene-d12	13.998	240	472596	20.000	ng	-0.01
86) Perylene-d12	15.463	264	413136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1141361	84.294	ng	0.00
7) Phenol-d6	6.457	99	1506780	87.277	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1004513	67.123	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	377142	85.877	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1798675	63.335	ng	0.00
79) Terphenyl-d14	12.951	244	1609795	65.808	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	711	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.398	70	135655	12.815	ng	# 78
25) Isophorone	7.398	82	1002046	36.297	ng	# 65
50) Dimethylphthalate	9.875	163	78702	2.630	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	58496	10.665	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	58496	8.914	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	915	5.724	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	24942	3.055	ng	# 1
77) Benzidine	12.951	184	22775	2.089	ng	# 93

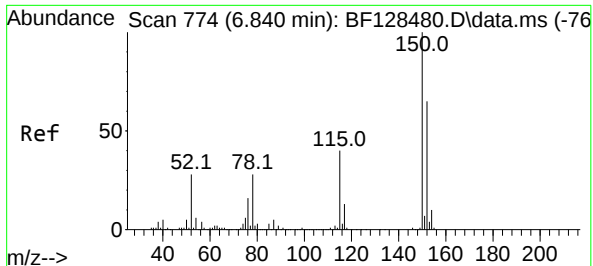
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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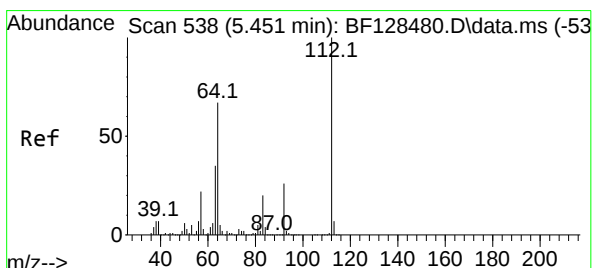
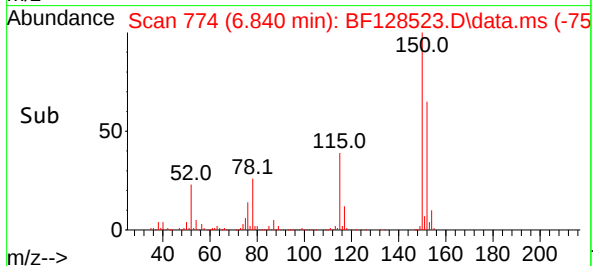
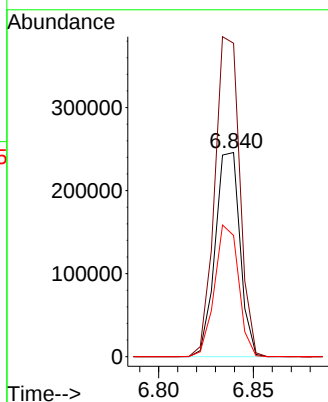
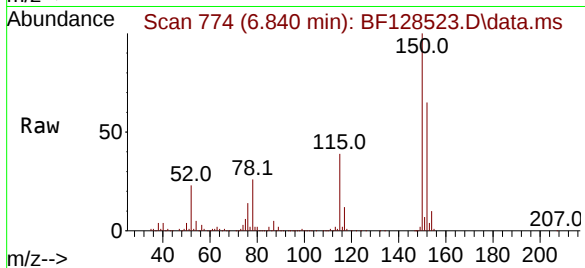




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

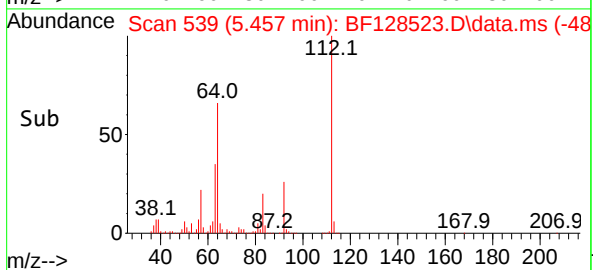
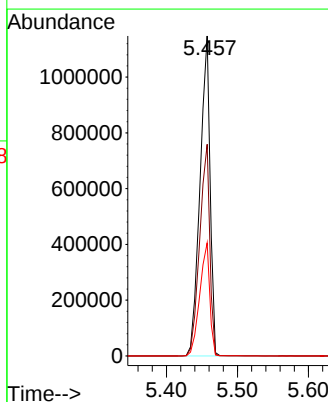
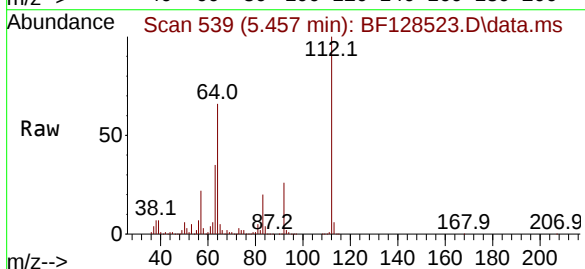
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0006-01

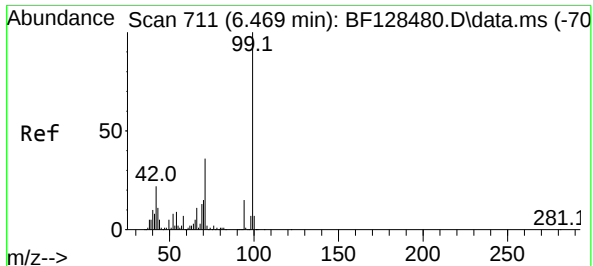
Tgt Ion:152 Resp: 224282
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 84.294 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Tgt Ion:112 Resp: 1141361
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 35.3 28.0 42.0

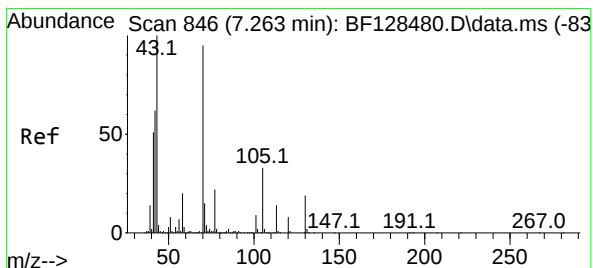
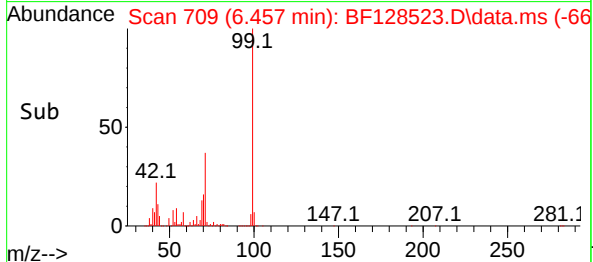
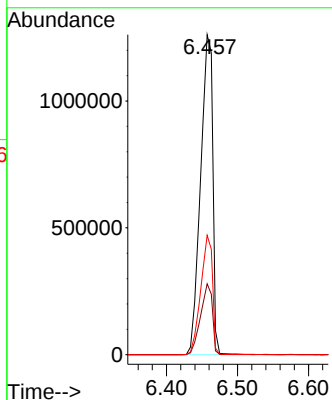
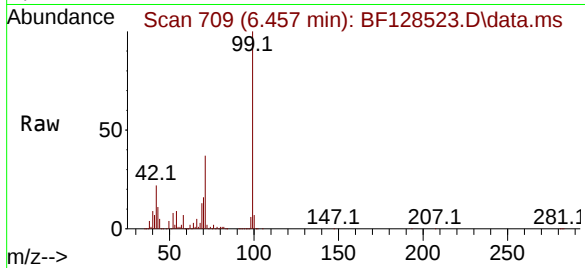




#7
Phenol-d6
Concen: 87.277 ng
RT: 6.457 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

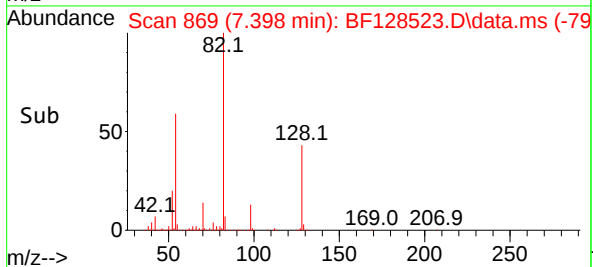
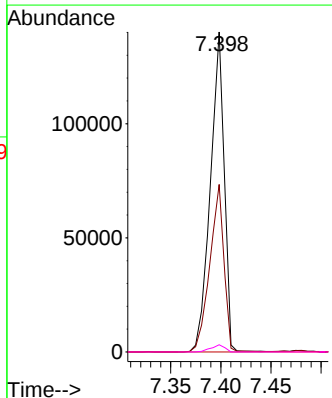
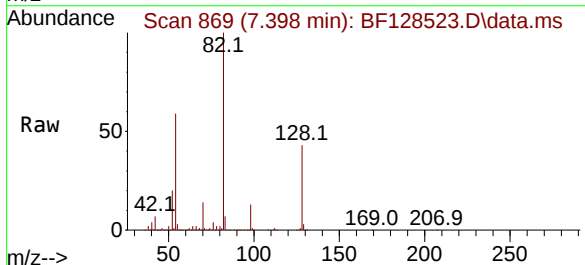
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0006-01

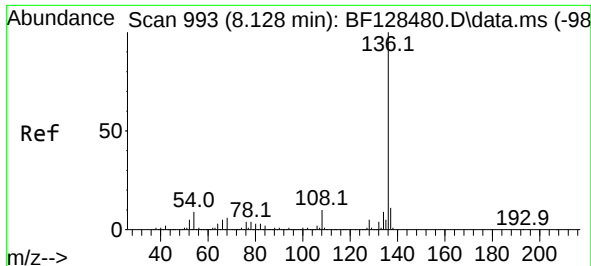
Tgt Ion: 99 Resp: 1506780
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 37.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.815 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Tgt Ion: 70 Resp: 135655
Ion Ratio Lower Upper
70 100
42 52.4 52.3 78.5
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

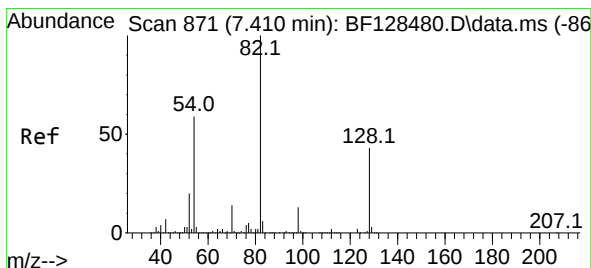
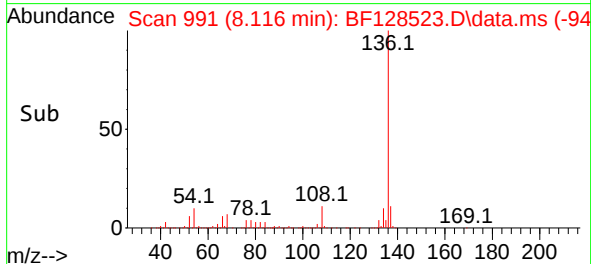
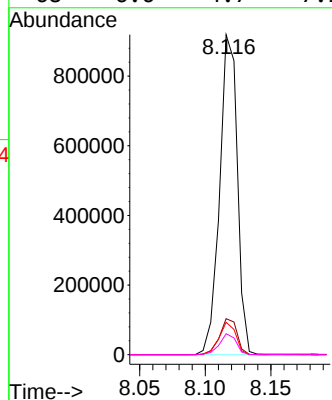
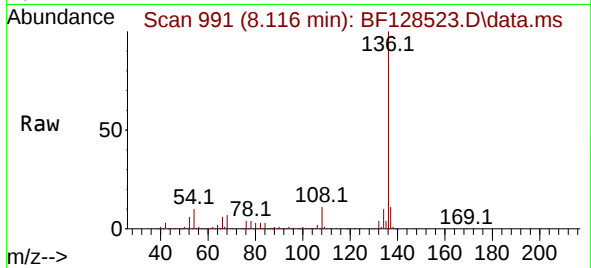




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

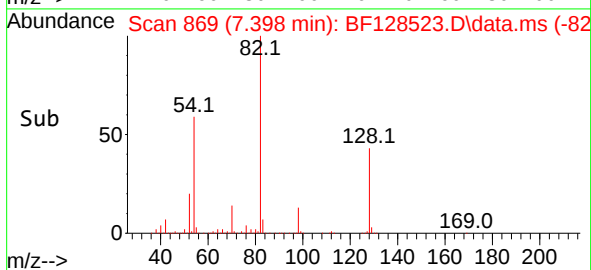
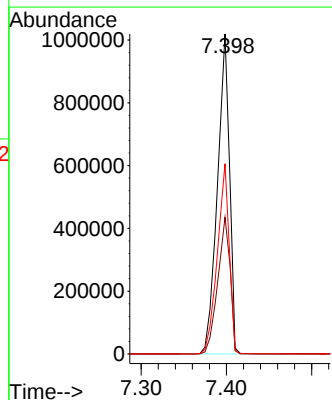
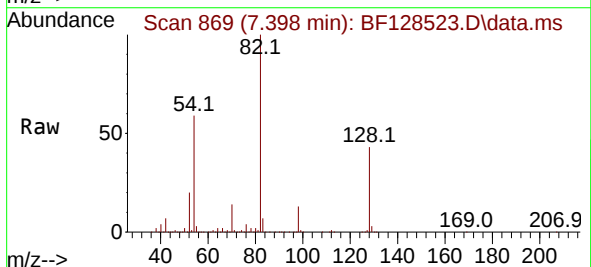
Instrument :
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ClientSampleId :
P006-SS002-0006-01

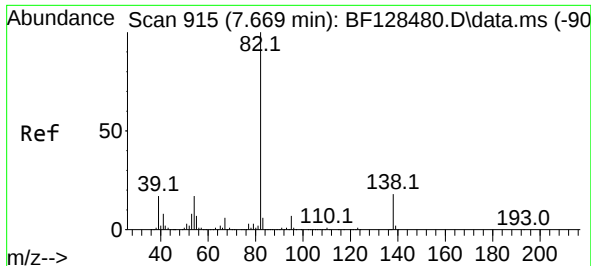
Tgt Ion:136 Resp: 863324
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.1 7.5 11.3
68 6.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 67.123 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Tgt Ion: 82 Resp: 1004513
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 59.4 46.9 70.3

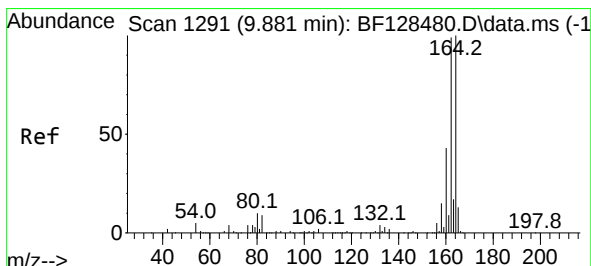
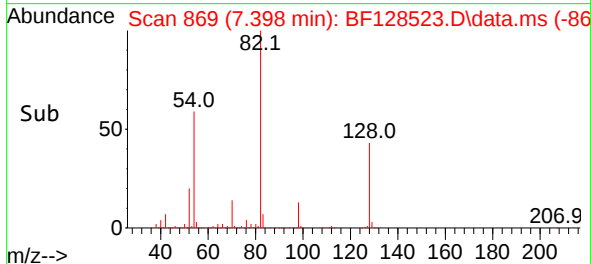
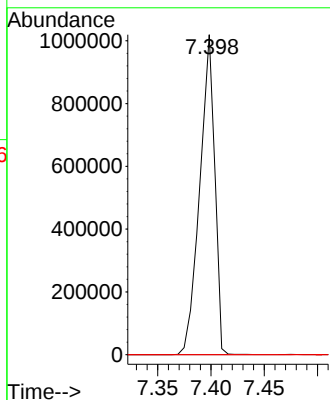
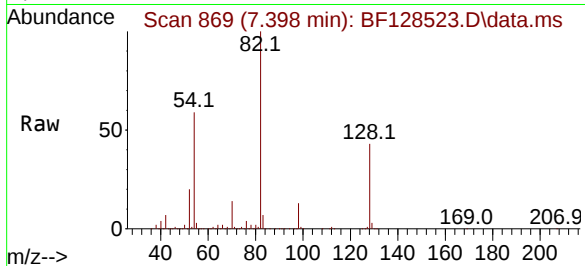




#25
Isophorone
Concen: 36.297 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

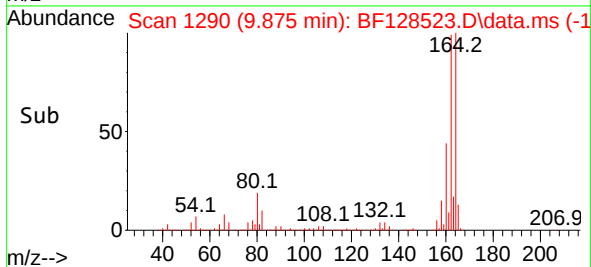
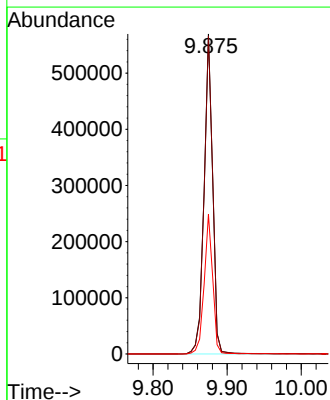
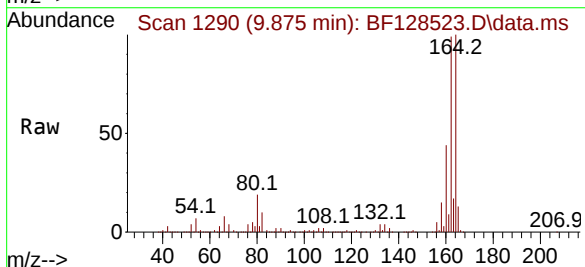
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ClientSampleId :
P006-SS002-0006-01

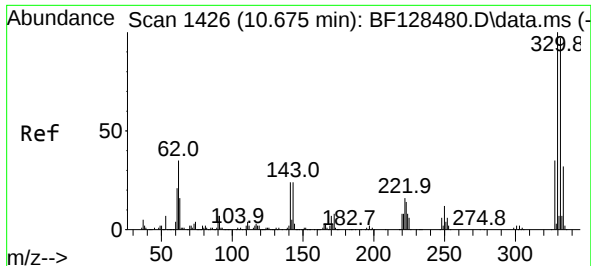
Tgt Ion: 82 Resp: 1002046
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Tgt Ion:164 Resp: 461390
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 43.7 34.2 51.4

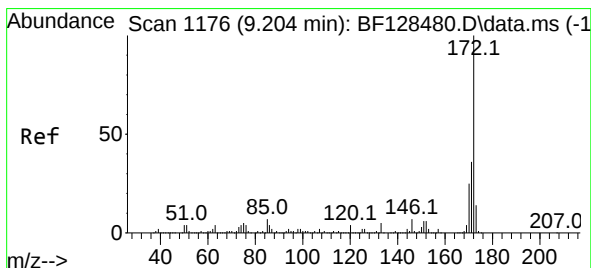
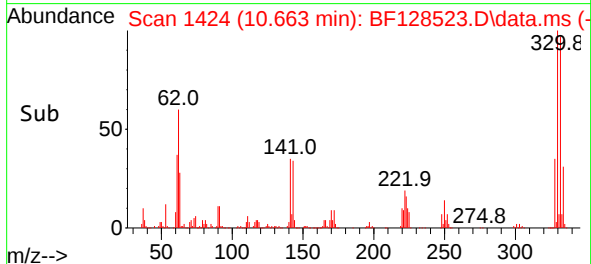
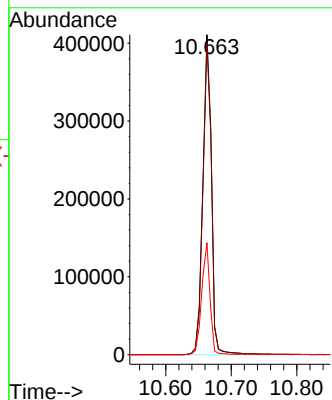
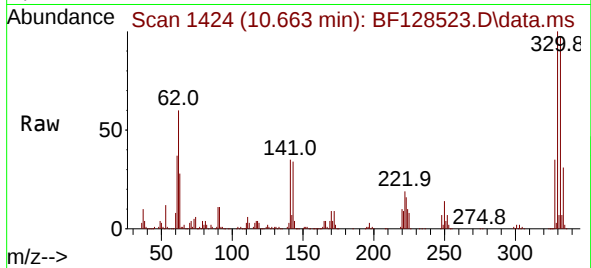




#42
2,4,6-Tribromophenol
Concen: 85.877 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

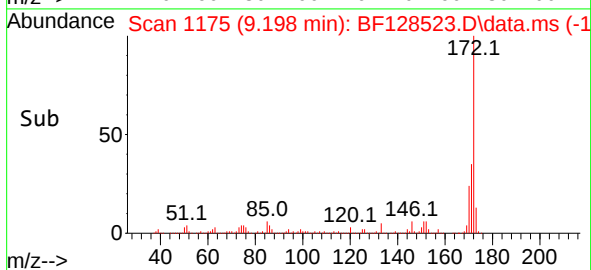
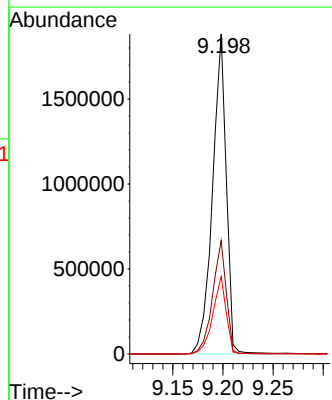
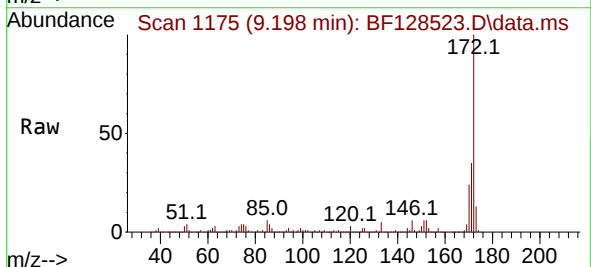
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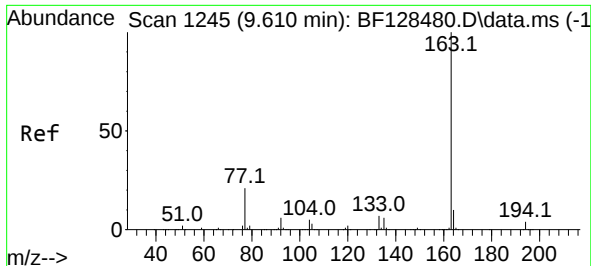
Tgt Ion:330 Resp: 377142
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 33.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 63.335 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Tgt Ion:172 Resp: 1798675
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.2 19.8 29.8

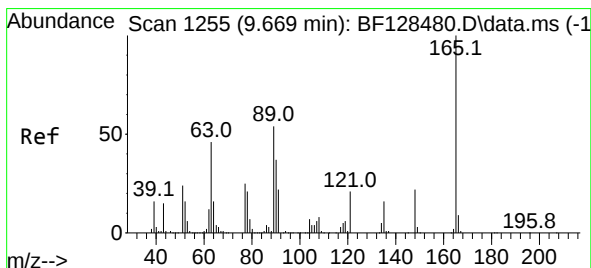
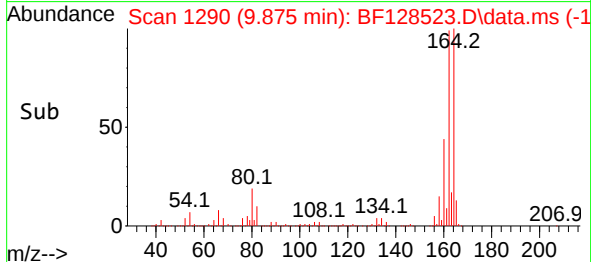
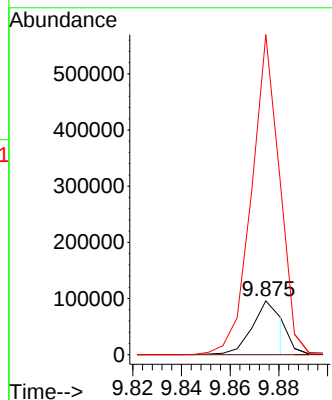
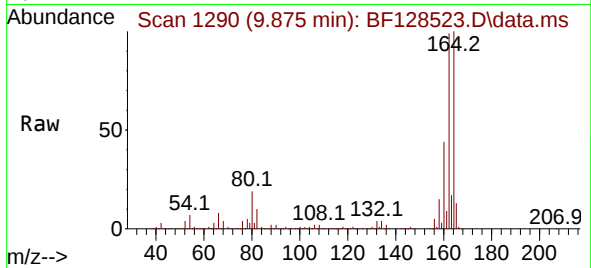




#50
Dimethylphthalate
Concen: 2.630 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

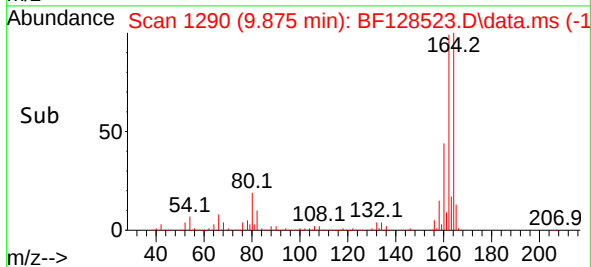
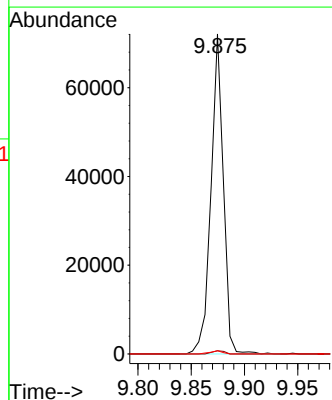
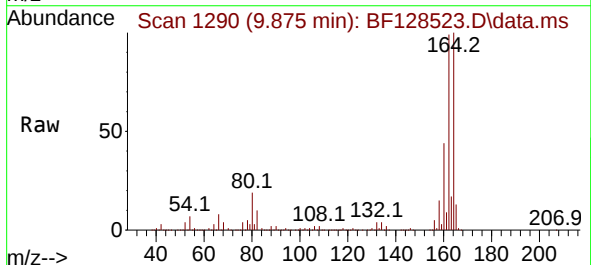
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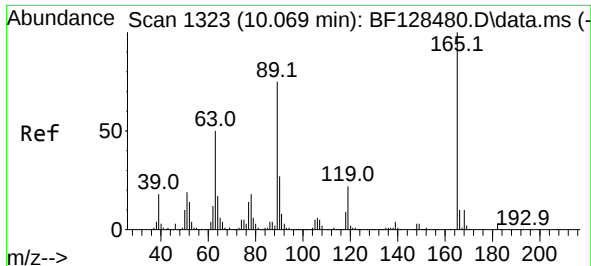
Tgt Ion:163 Resp: 78702
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 596.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.665 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Tgt Ion:165 Resp: 58496
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.0 43.6 65.4#

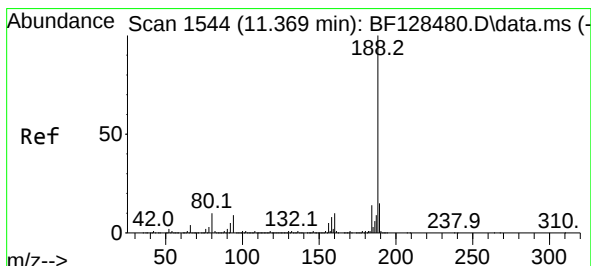
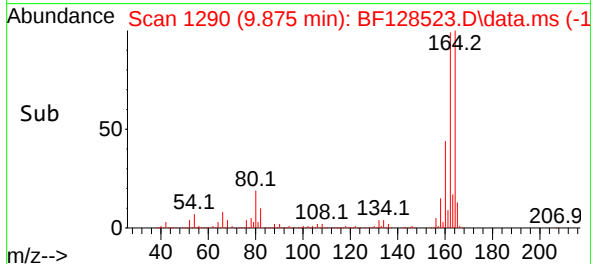
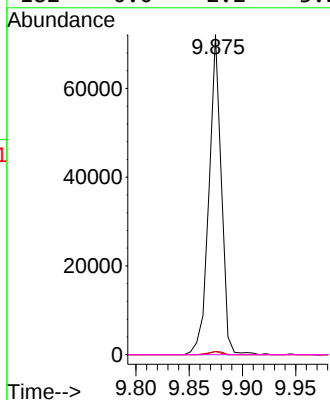
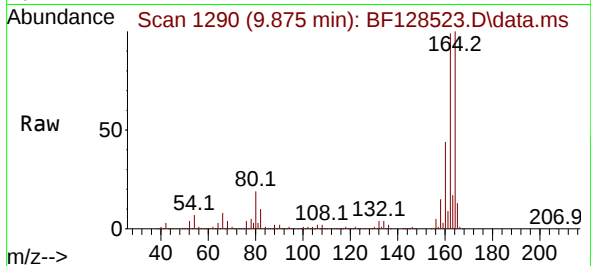




#57
2,4-Dinitrotoluene
Concen: 8.914 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

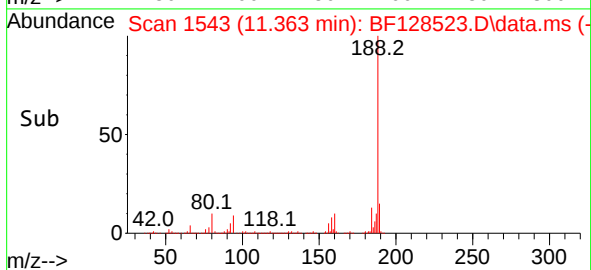
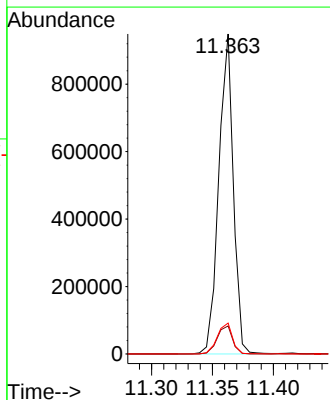
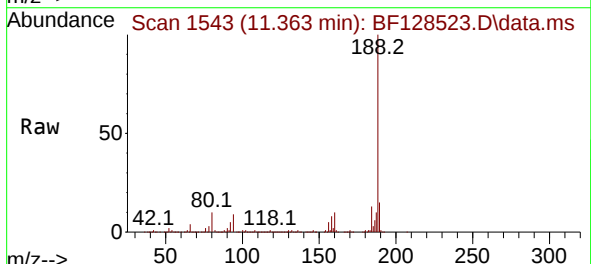
Instrument :
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P006-SS002-0006-01

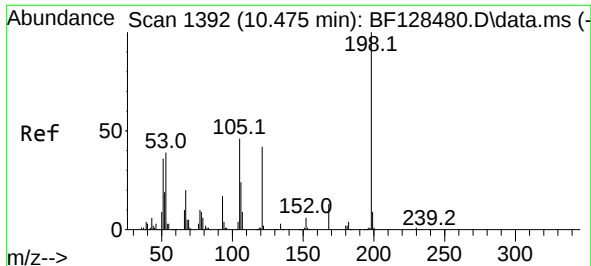
Tgt Ion:165 Resp: 58496
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Tgt Ion:188 Resp: 790159
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.7 7.6 11.4

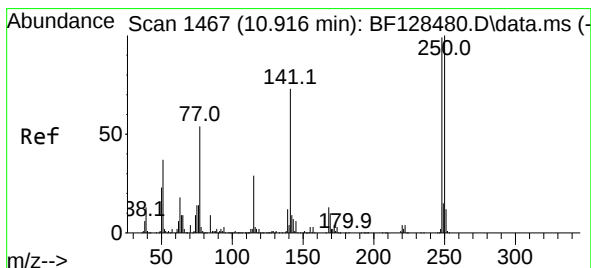
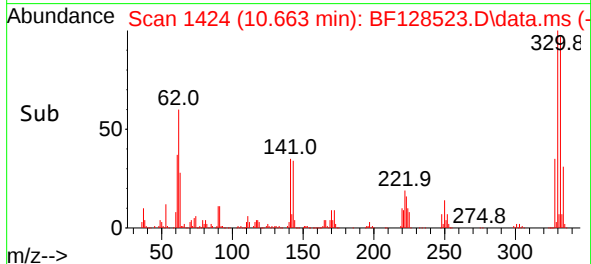
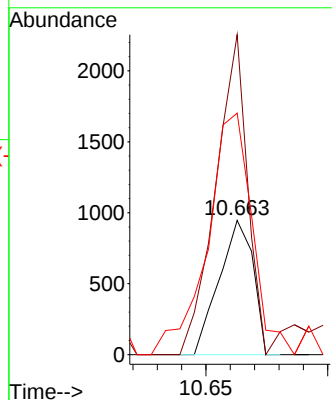
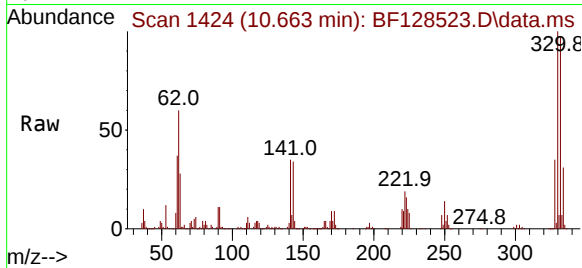




#65
4,6-Dinitro-2-methylphenol
Concen: 5.724 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

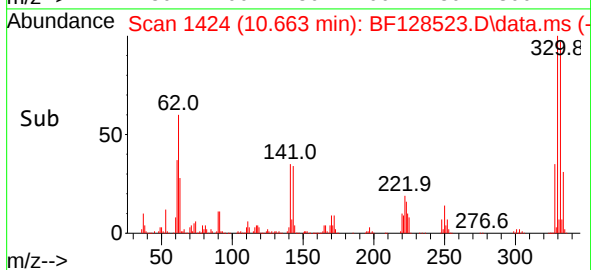
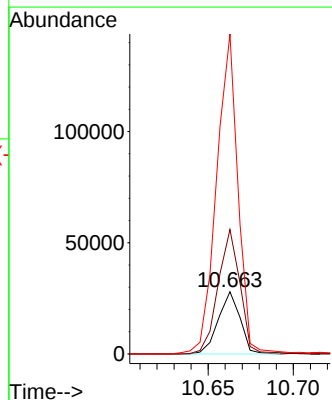
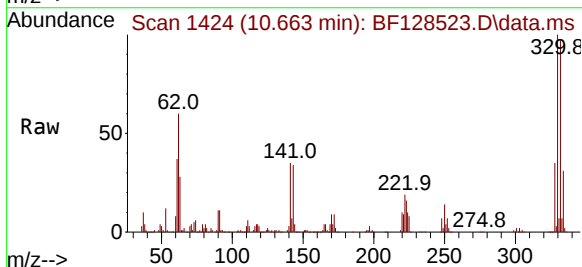
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0006-01

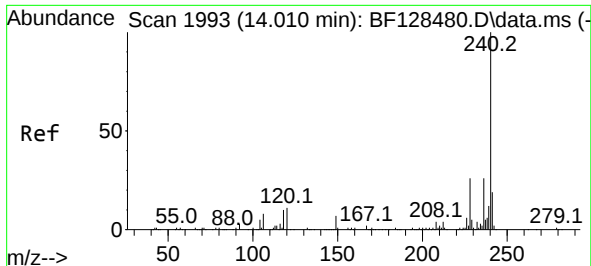
Tgt Ion:198 Resp: 915
Ion Ratio Lower Upper
198 100
51 238.4 37.6 77.6#
105 180.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.055 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

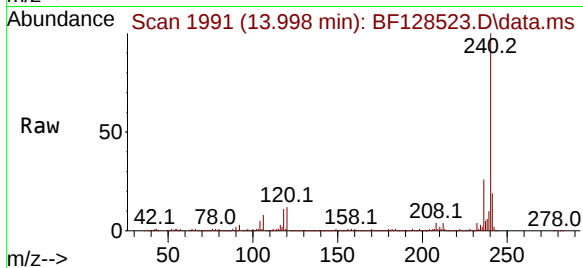
Tgt Ion:248 Resp: 24942
Ion Ratio Lower Upper
248 100
250 199.9 80.6 120.8#
141 513.7 58.9 88.3#



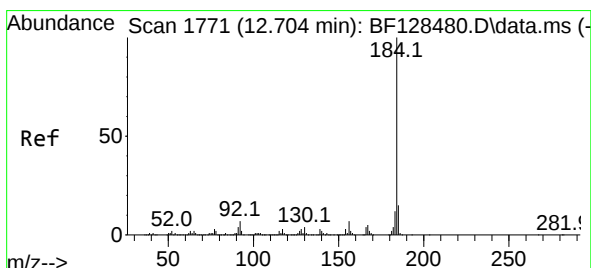
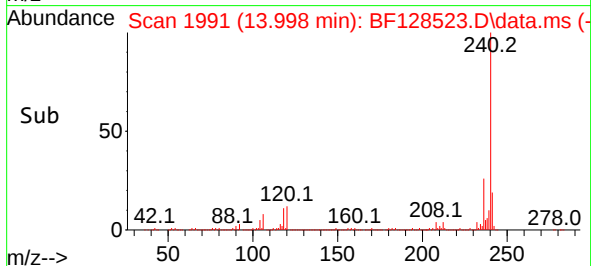
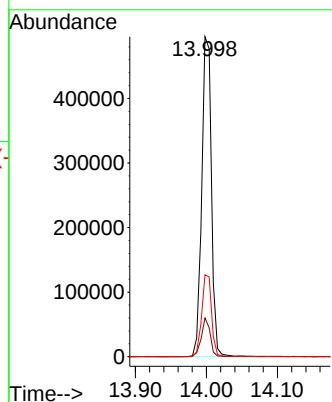


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Instrument :
BNA_F
ClientSampleId :
P006-SS002-0006-01

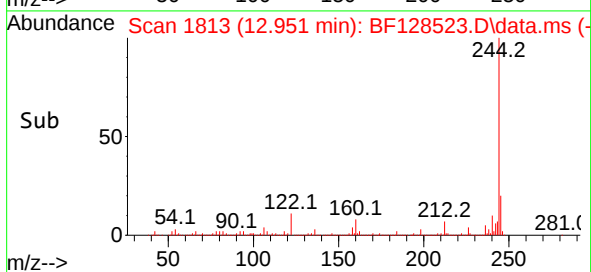
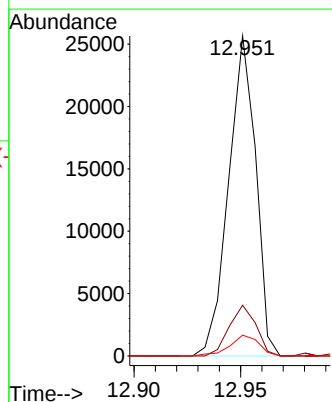
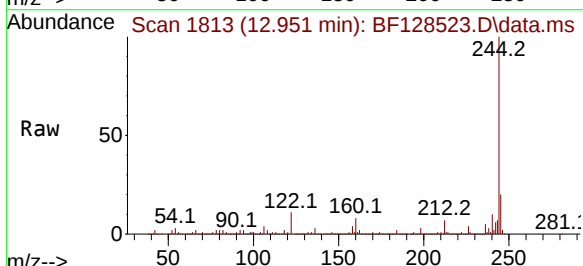


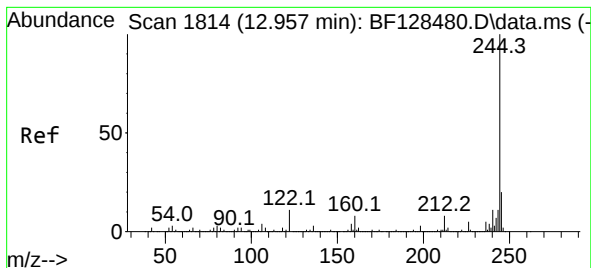
Tgt Ion:240 Resp: 472596
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.6 20.8 31.2



#77
Benidine
Concen: 2.089 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128523.D
Acq: 27 May 2022 21:59

Tgt Ion:184 Resp: 22775
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 6.5 9.3 13.9#





#79

Terphenyl-d14

Concen: 65.808 ng

RT: 12.951 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF128523.D

Acq: 27 May 2022 21:59

Instrument :

BNA_F

ClientSampleId :

P006-SS002-0006-01

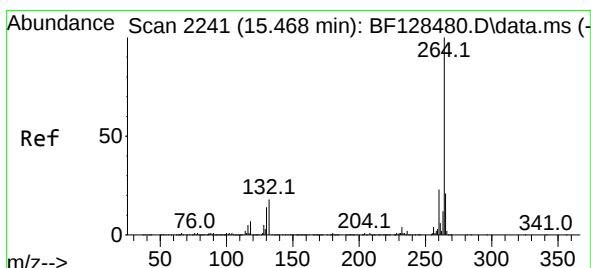
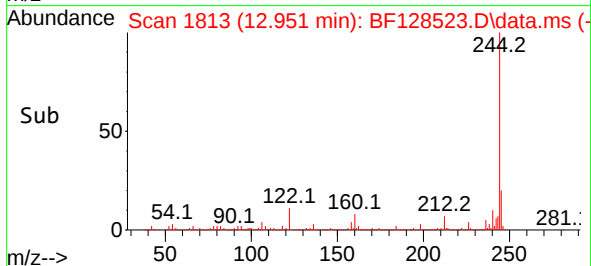
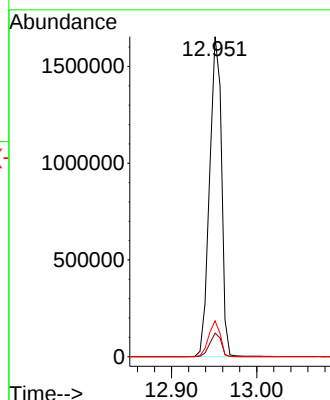
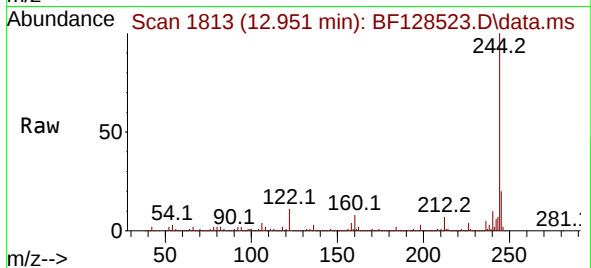
Tgt Ion:244 Resp: 1609795

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 11.2 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2240

Delta R.T. -0.006 min

Lab File: BF128523.D

Acq: 27 May 2022 21:59

Tgt Ion:264 Resp: 413136

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.8 17.2 25.8

