

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128530.D
 Acq On : 28 May 2022 01:31
 Operator : CG\JU
 Sample : N2930-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P006-SS002-0612-01

Quant Time: May 28 03:14:16 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)

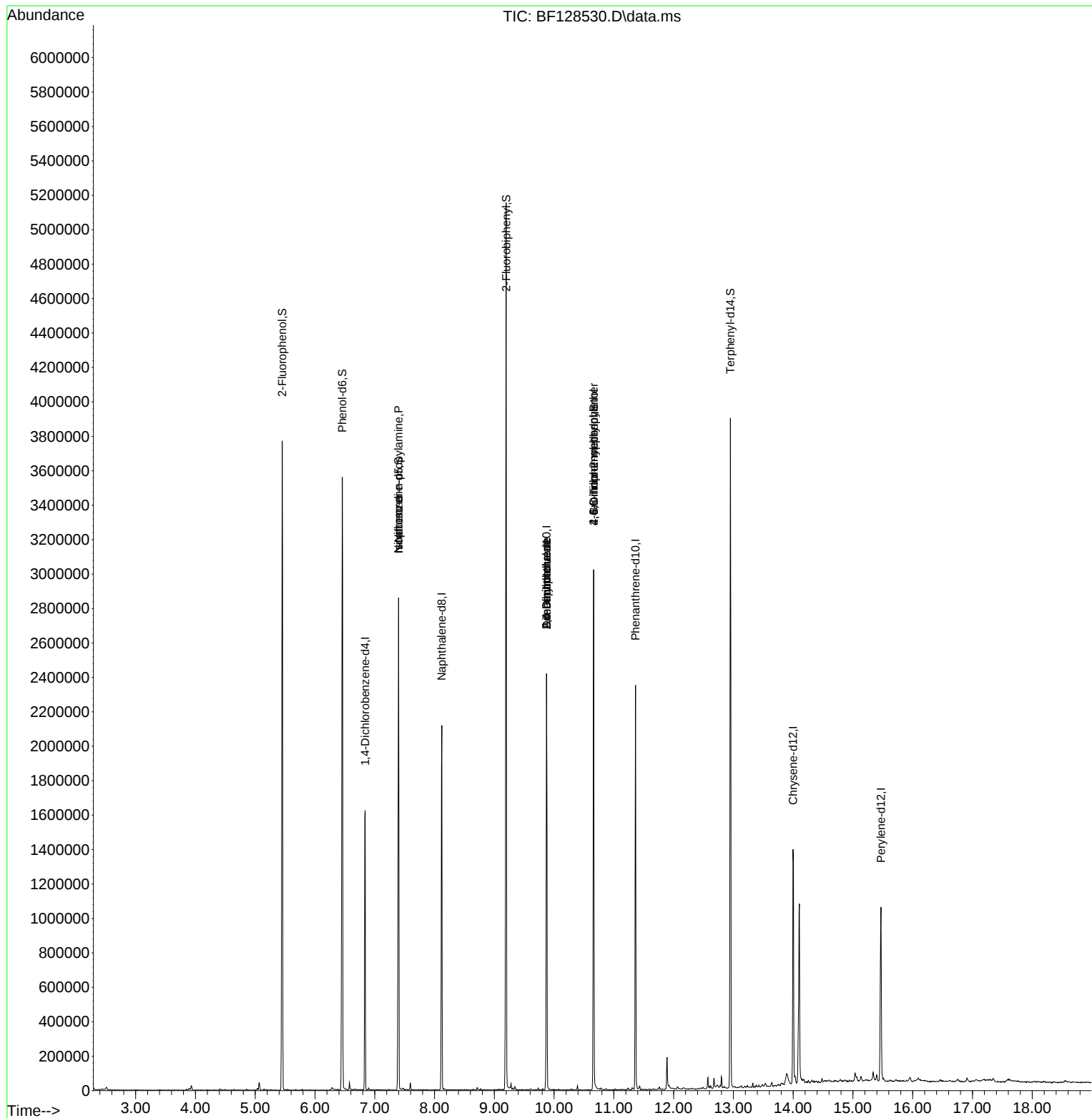
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	244464	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	916275	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	478551	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	790260	20.000	ng	0.00
76) Chrysene-d12	13.998	240	473322	20.000	ng	-0.01
86) Perylene-d12	15.468	264	452140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1042763	70.654	ng	0.00
7) Phenol-d6	6.457	99	1335202	70.954	ng	-0.01
23) Nitrobenzene-d5	7.398	82	876439	55.180	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	326609	71.703	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1544100	52.421	ng	0.00
79) Terphenyl-d14	12.951	244	1312202	53.560	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	565	Below Cal	#	88
19) n-Nitroso-di-n-propyla...	7.398	70	119078	10.321	ng	# 80
25) Isophorone	7.398	82	869870	29.688	ng	# 65
50) Dimethylphthalate	9.874	163	84805	2.732	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	62128	10.921	ng	# 25
57) 2,4-Dinitrotoluene	9.874	165	62128	9.128	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	742	5.682	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	22052	2.701	ng	# 1

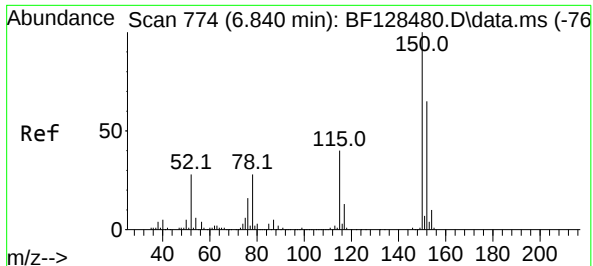
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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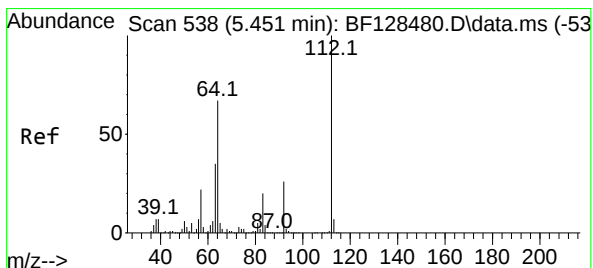
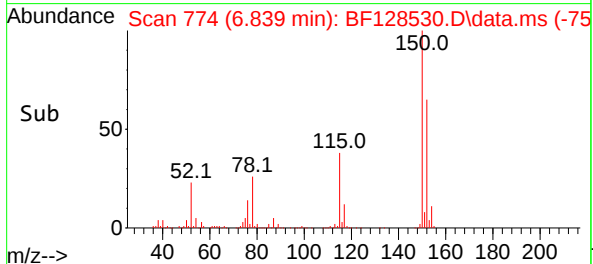
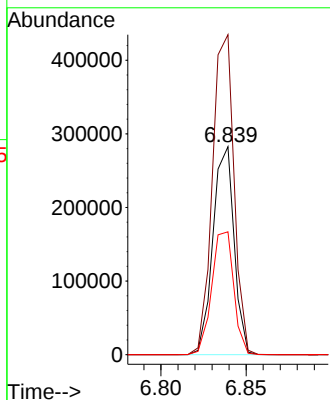
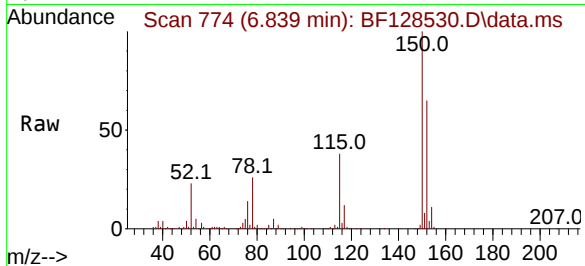




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF128530.D
 Acq: 28 May 2022 01:31

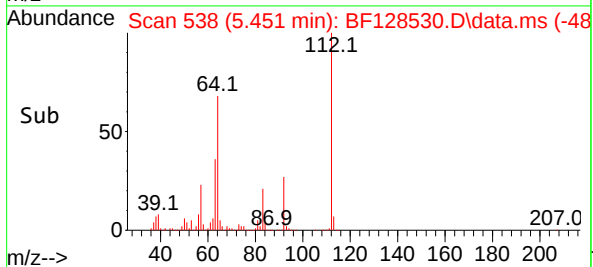
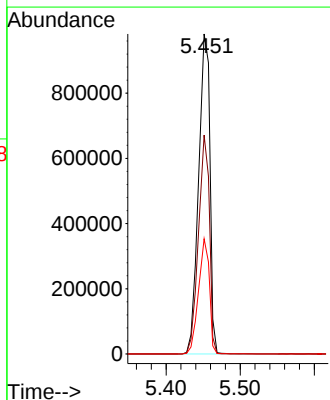
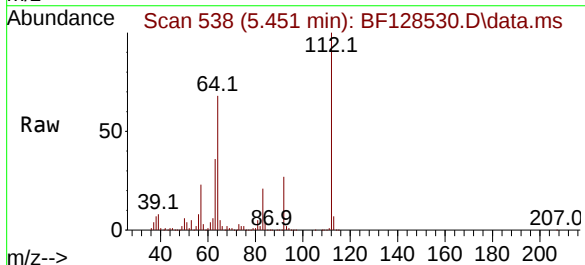
Instrument :
 BNA_F
 ClientSampleId :
 P006-SS002-0612-01

Tgt Ion:152 Resp: 244464
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 59.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 70.654 ng
 RT: 5.451 min Scan# 538
 Delta R.T. -0.000 min
 Lab File: BF128530.D
 Acq: 28 May 2022 01:31

Tgt Ion:112 Resp: 1042763
 Ion Ratio Lower Upper
 112 100
 64 68.4 53.3 79.9
 63 36.0 28.0 42.0

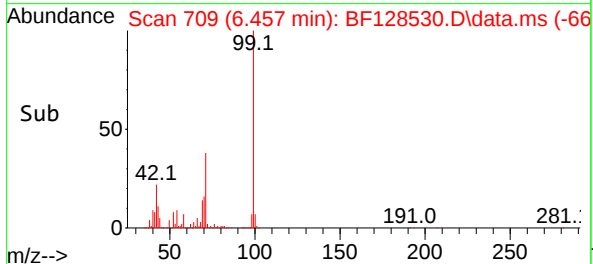
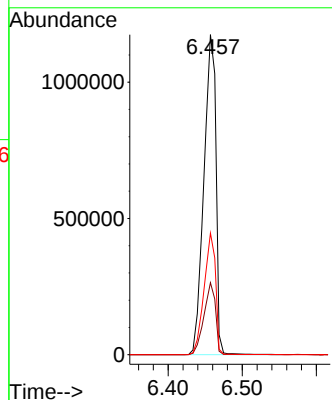
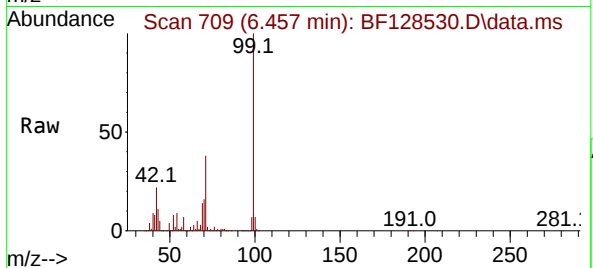




#7
Phenol-d6
Concen: 70.954 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

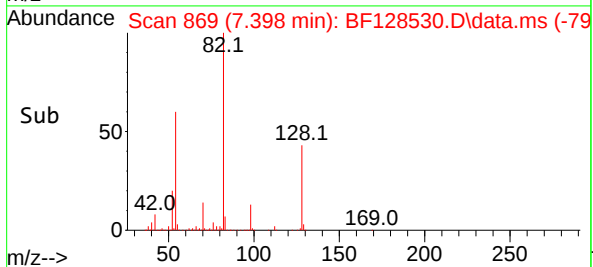
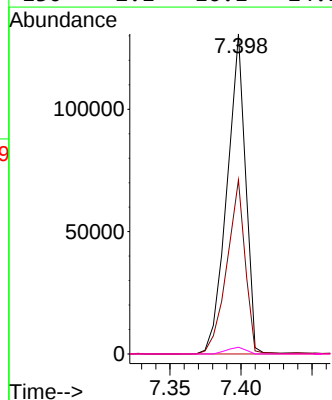
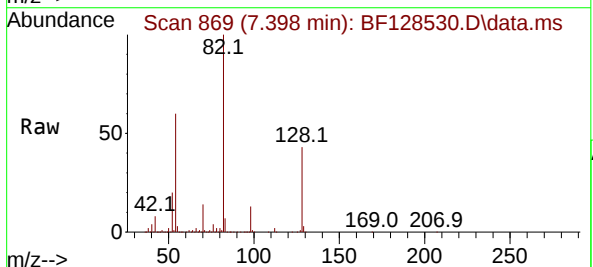
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0612-01

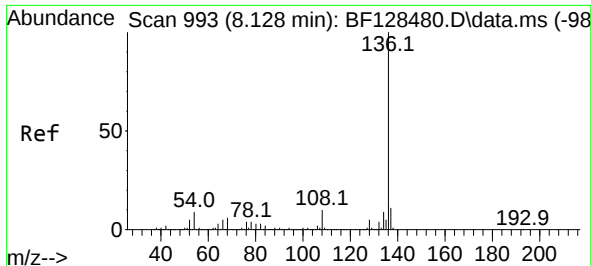
Tgt Ion: 99 Resp: 1335202
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 38.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.321 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

Tgt Ion: 70 Resp: 119078
Ion Ratio Lower Upper
70 100
42 54.4 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

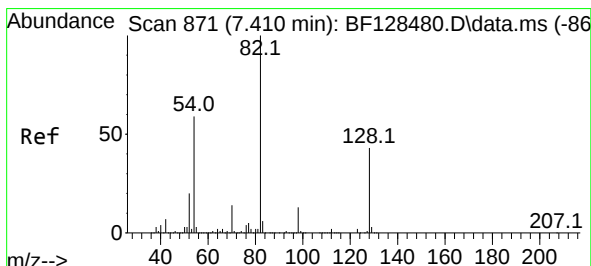
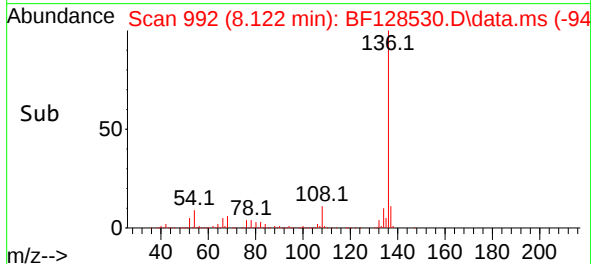
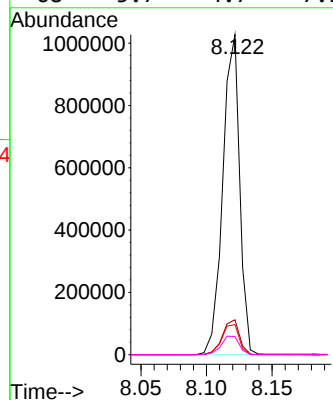
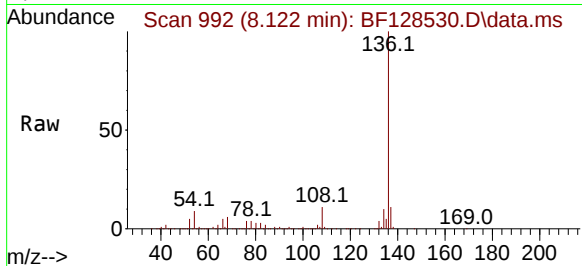




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

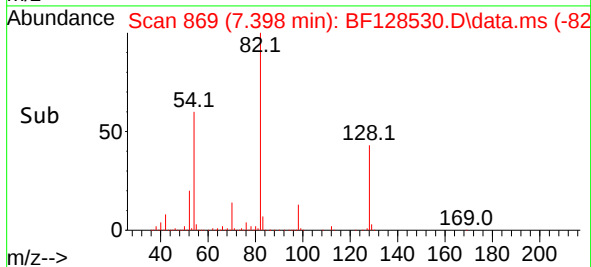
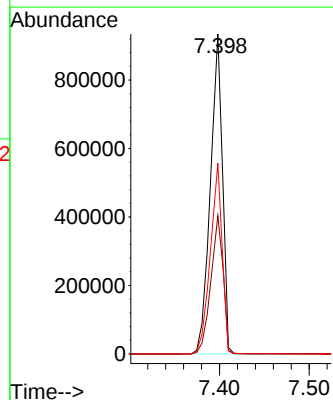
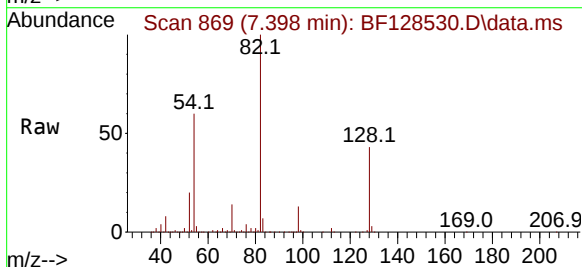
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0612-01

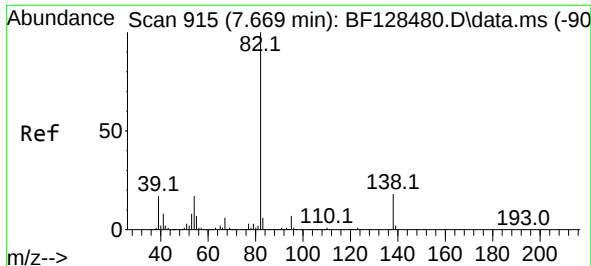
Tgt Ion:	136	Resp:	916275
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.4	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 55.180 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

Tgt Ion:	82	Resp:	876439
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	59.7	46.9	70.3

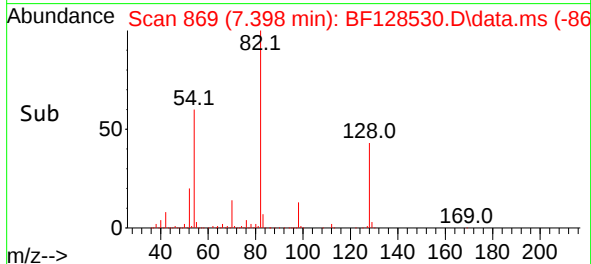
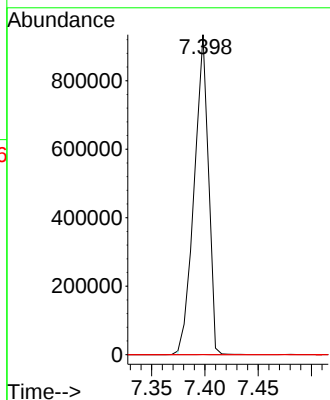
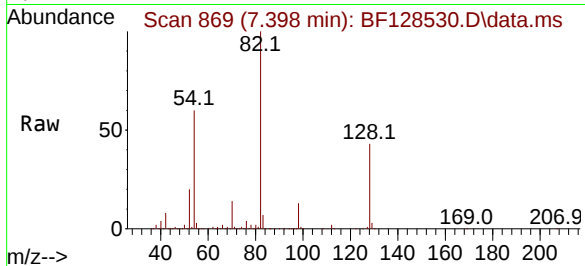




#25
Isophorone
Concen: 29.688 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.271 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

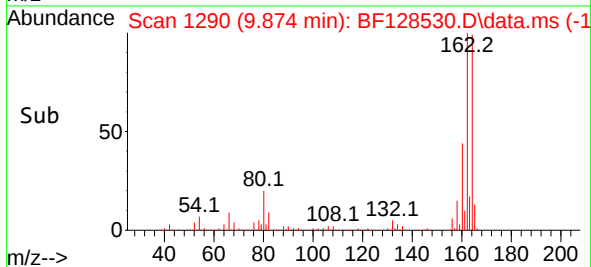
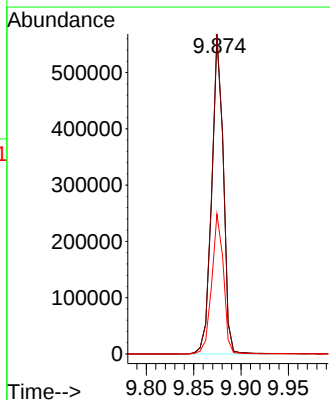
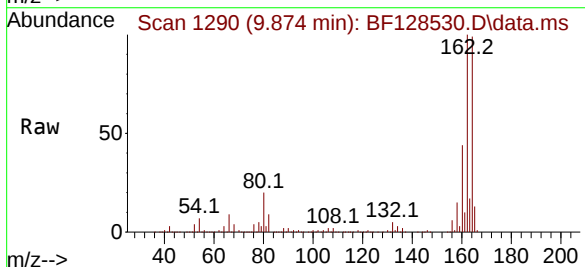
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0612-01

Tgt Ion: 82 Resp: 869870
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: 9.874 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

Tgt Ion: 164 Resp: 478551
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 71.703 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128530.D

Acq: 28 May 2022 01:31

Instrument :

BNA_F

ClientSampleId :

P006-SS002-0612-01

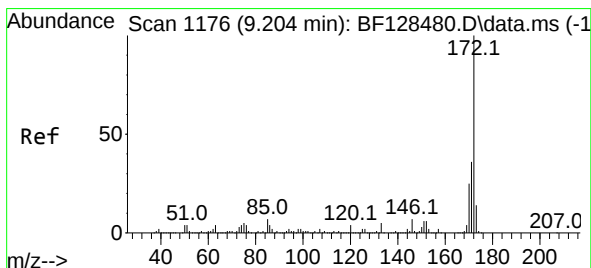
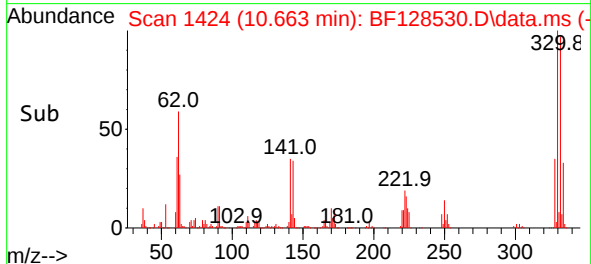
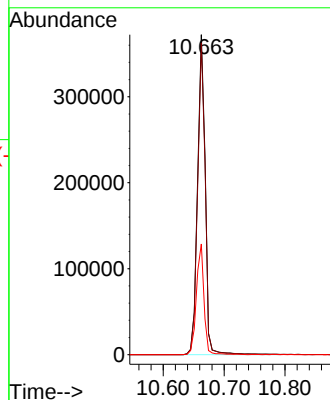
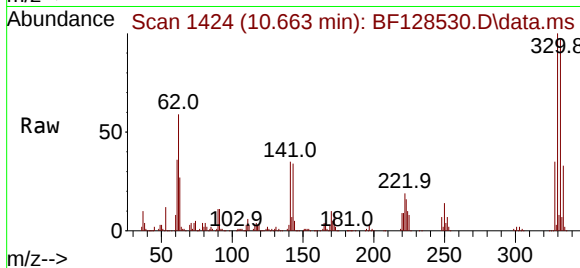
Tgt Ion:330 Resp: 326609

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 34.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 52.421 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128530.D

Acq: 28 May 2022 01:31

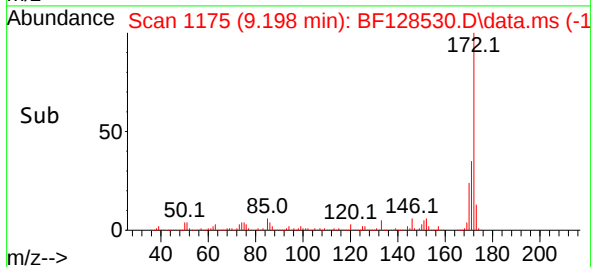
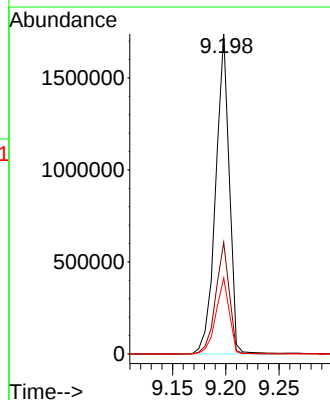
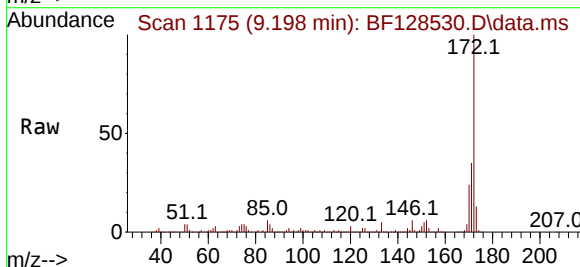
Tgt Ion:172 Resp: 1544100

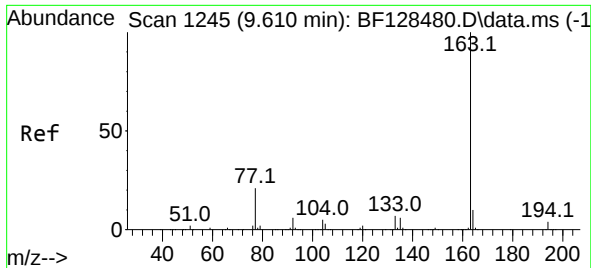
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.8 19.8 29.8

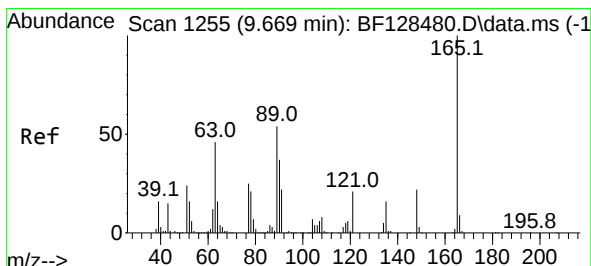
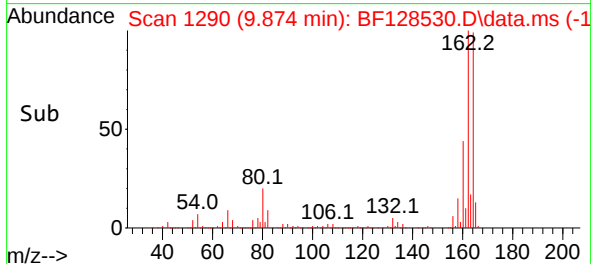
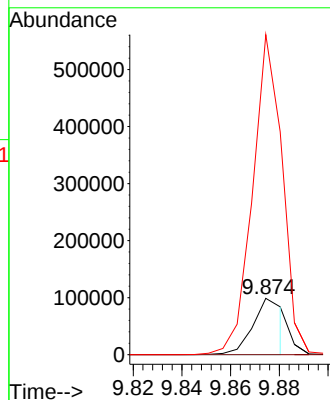
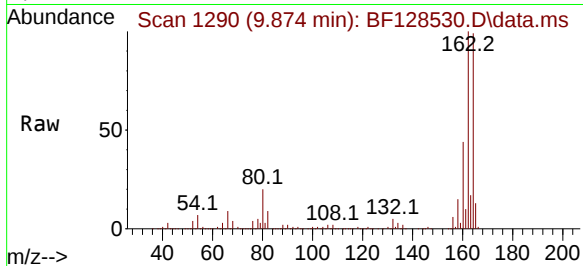




#50
Dimethylphthalate
Concen: 2.732 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.264 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

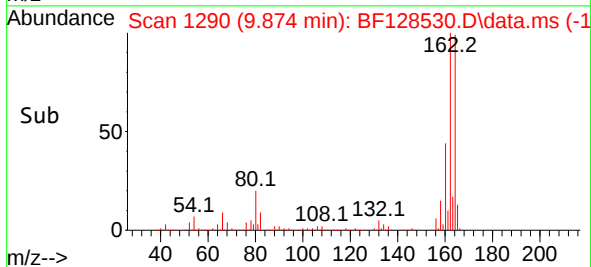
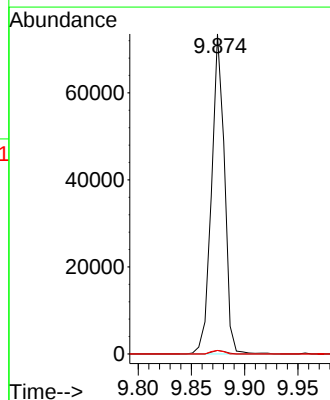
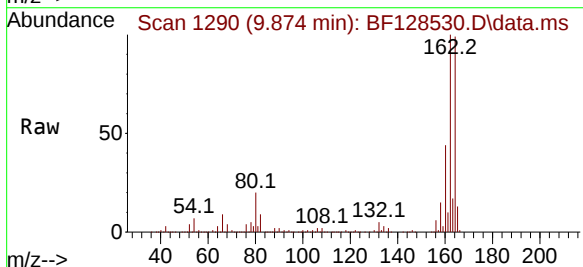
Instrument :
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ClientSampleId :
P006-SS002-0612-01

Tgt Ion:163 Resp: 84805
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 568.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.921 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

Tgt Ion:165 Resp: 62128
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.1 43.6 65.4#

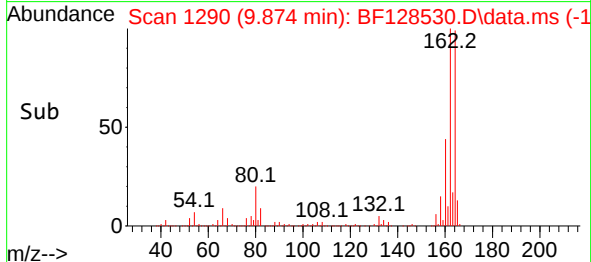
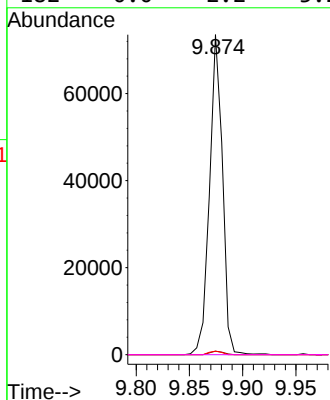
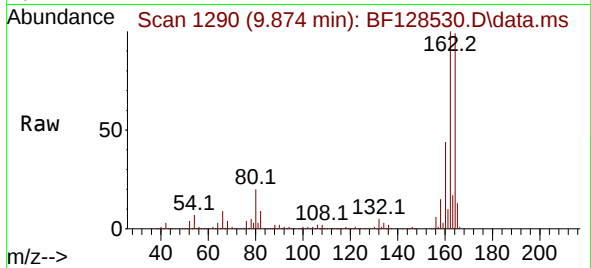




#57
2,4-Dinitrotoluene
Concen: 9.128 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

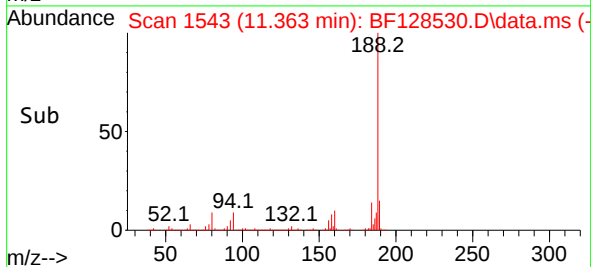
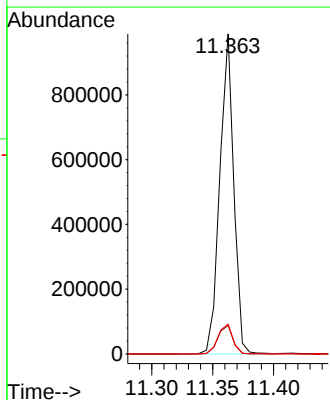
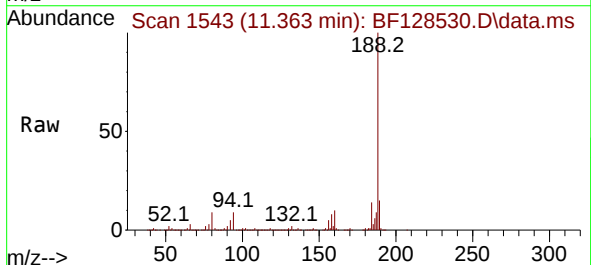
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0612-01

Tgt Ion:165 Resp: 62128
Ion Ratio Lower Upper
165 100
63 1.1 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: BF128530.D
Acq: 28 May 2022 01:31

Tgt Ion:188 Resp: 790260
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.3 7.6 11.4

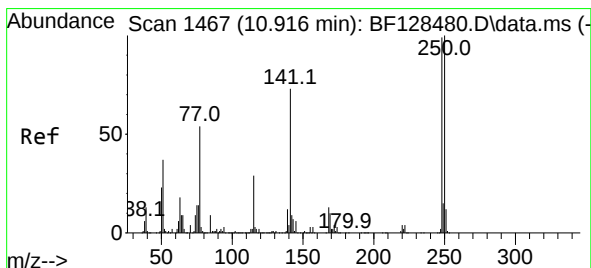
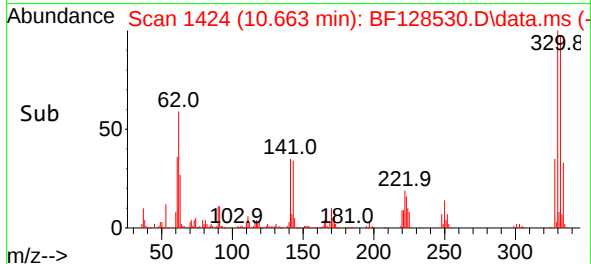
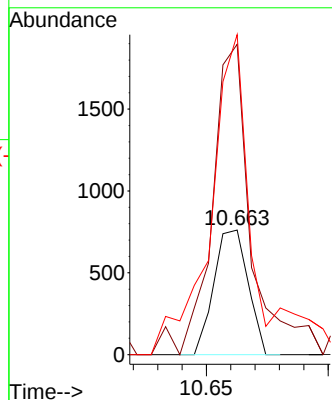
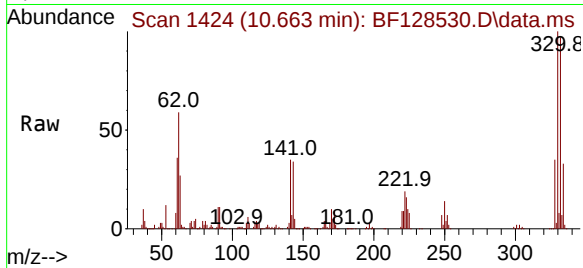




#65
4,6-Dinitro-2-methylphenol
Concen: 5.682 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

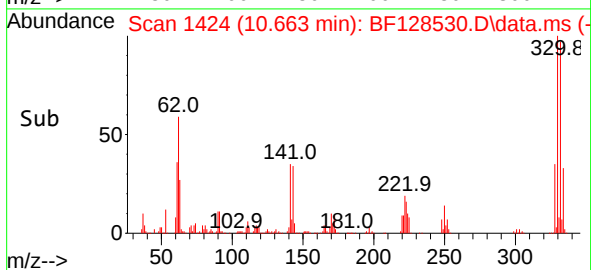
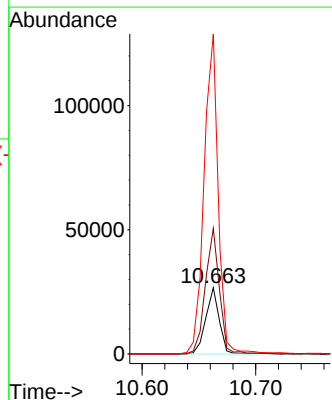
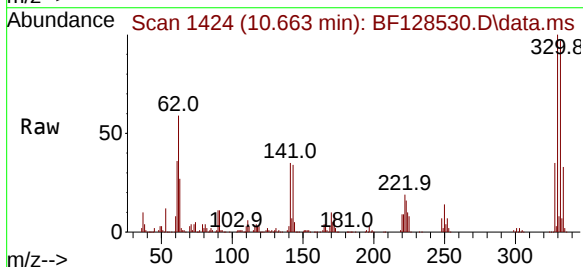
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0612-01

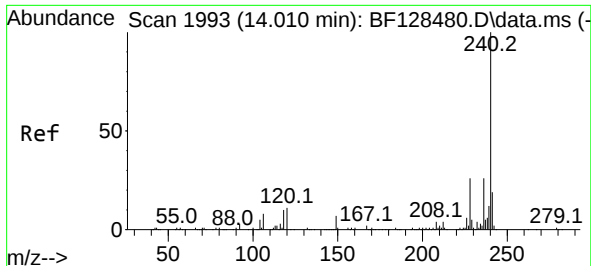
Tgt Ion:198 Resp: 742
Ion Ratio Lower Upper
198 100
51 249.1 37.6 77.6#
105 256.9 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 2.701 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

Tgt Ion:248 Resp: 22052
Ion Ratio Lower Upper
248 100
250 189.5 80.6 120.8#
141 482.8 58.9 88.3#

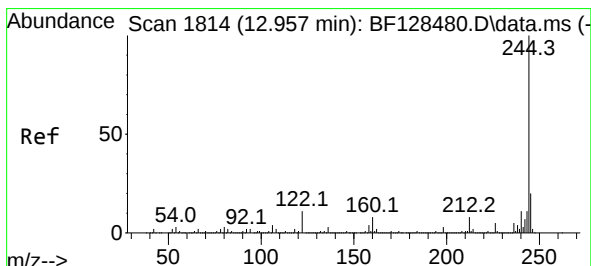
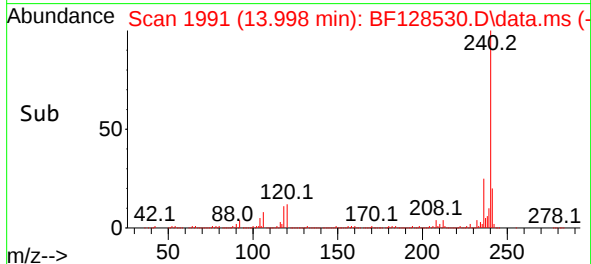
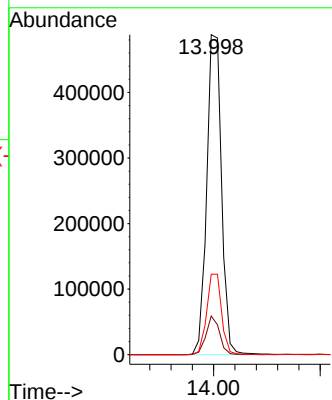
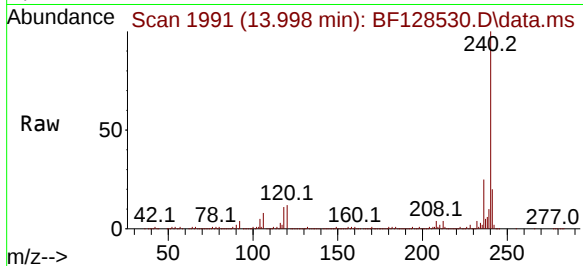




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

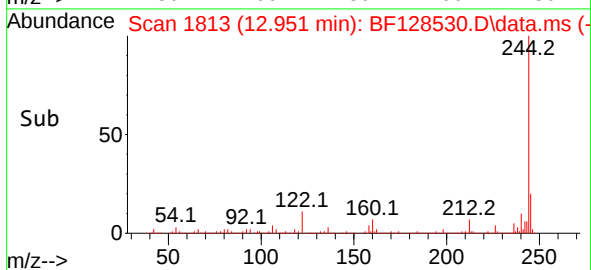
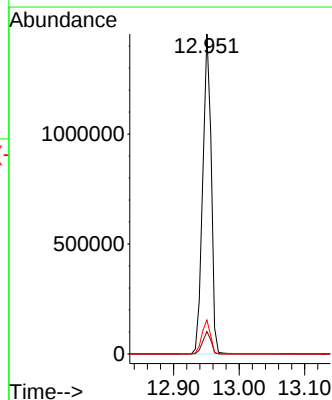
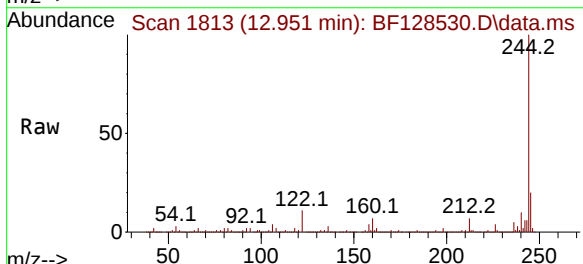
Instrument :
BNA_F
ClientSampleId :
P006-SS002-0612-01

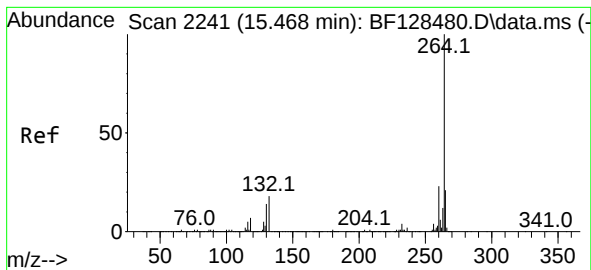
Tgt Ion:240 Resp: 473322
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 53.560 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

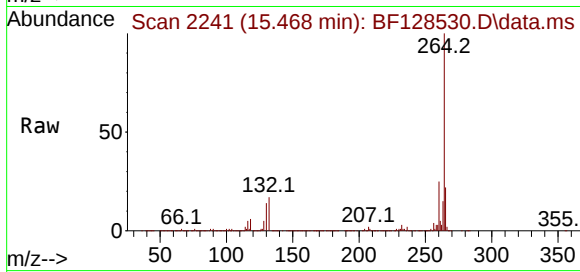
Tgt Ion:244 Resp: 1312202
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 10.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128530.D
Acq: 28 May 2022 01:31

Instrument :
BNA_F
ClientSampleId :
P006-SS002-0612-01



Tgt Ion:264 Resp: 452140

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	21.9	17.2	25.8

