

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128531.D
 Acq On : 28 May 2022 02:01
 Operator : CG\JU
 Sample : N2921-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS005-0006-01

Quant Time: May 28 03:14:22 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

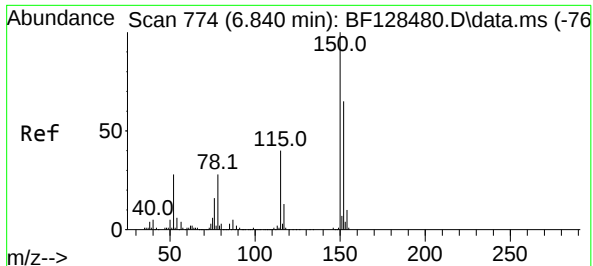
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	232404	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	888074	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	458610	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	762965	20.000	ng	0.00
76) Chrysene-d12	14.004	240	463172	20.000	ng	0.00
86) Perylene-d12	15.468	264	431360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1656913	118.093	ng	0.02
7) Phenol-d6	6.469	99	2121875	118.610	ng	0.00
23) Nitrobenzene-d5	7.404	82	1431175	92.967	ng	0.00
42) 2,4,6-Tribromophenol	10.668	330	518835	118.857	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2455649	86.992	ng	0.00
79) Terphenyl-d14	12.957	244	2074642	86.536	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.386	77	221	Below Cal	#	75
19) n-Nitroso-di-n-propyla...	7.404	70	195006	17.778	ng	# 77
25) Isophorone	7.404	82	1417841	49.926	ng	# 65
50) Dimethylphthalate	9.874	163	81609	2.743	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	58656	10.759	ng	# 25
57) 2,4-Dinitrotoluene	9.874	165	58656	8.993	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1411	5.856	ng	# 1
67) 4-Bromophenyl-phenylether	10.668	248	35431	4.495	ng	# 1
77) Benzidine	12.957	184	29817	2.791	ng	# 92

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

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QLast Update : Fri May 27 01:51:59 2022
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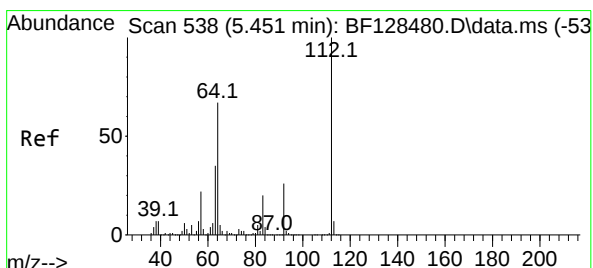
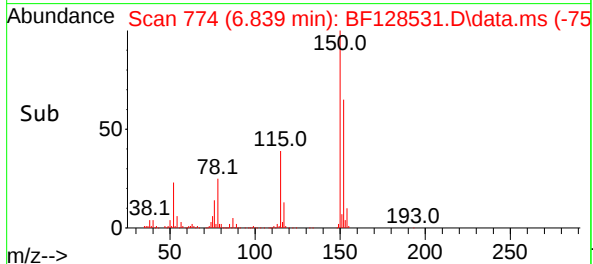
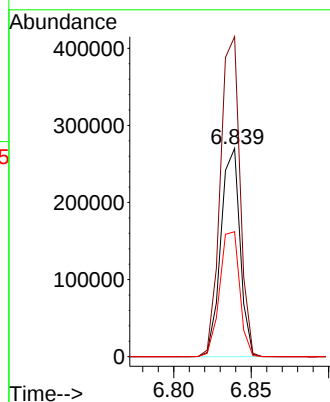
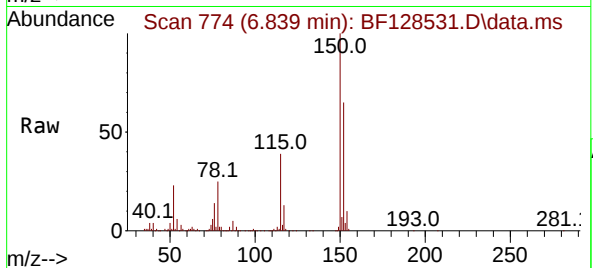




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

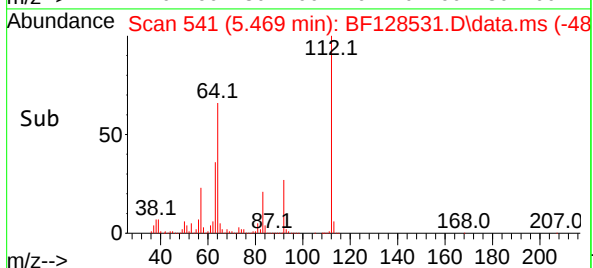
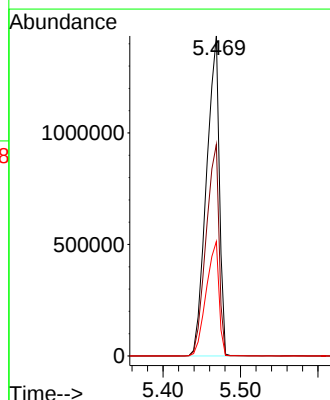
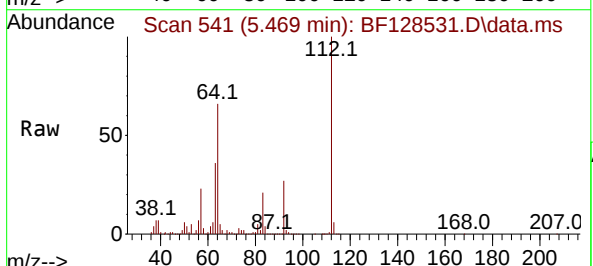
Instrument :
BNA_F
ClientSampleId :
P013-SS005-0006-01

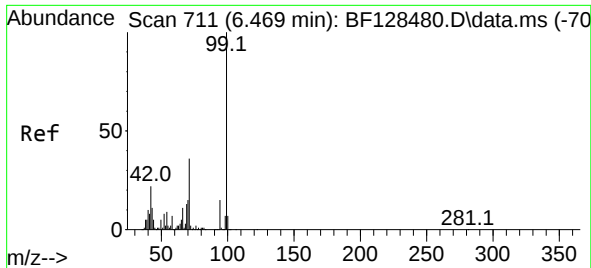
Tgt Ion:152 Resp: 232404
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 60.0 49.9 74.9



#5
2-Fluorophenol
Concen: 118.093 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.017 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

Tgt Ion:112 Resp: 1656913
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 35.7 28.0 42.0

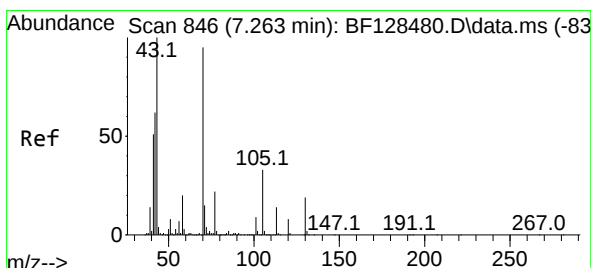
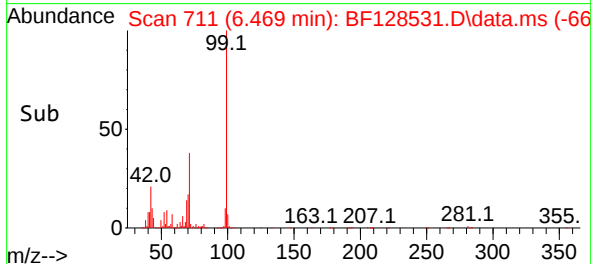
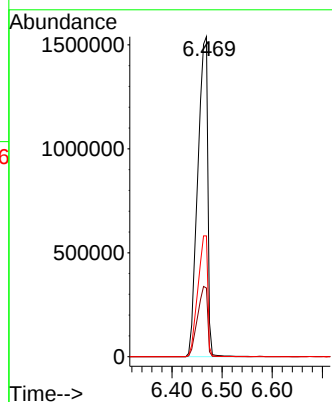
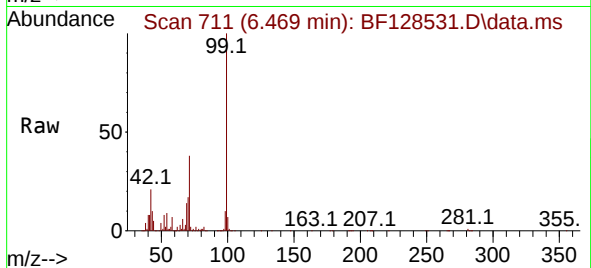




#7
Phenol-d6
Concen: 118.610 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

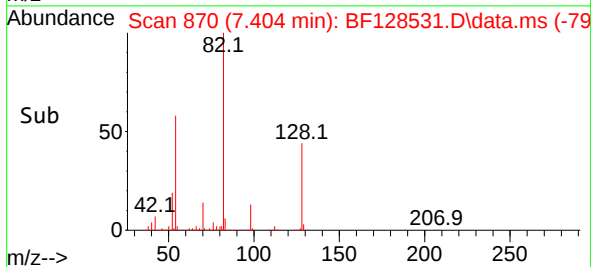
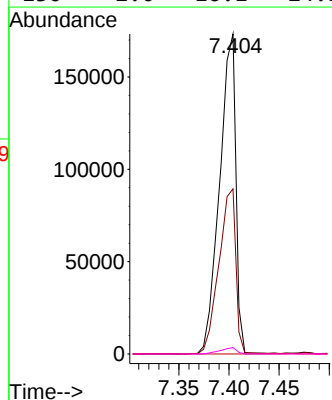
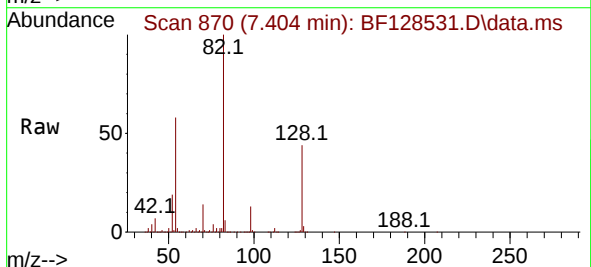
Instrument :
BNA_F
ClientSampleId :
P013-SS005-0006-01

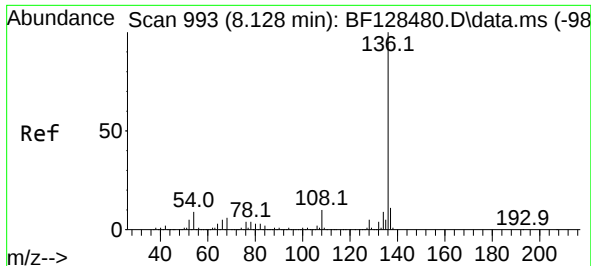
Tgt Ion: 99 Resp: 2121875
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 37.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.778 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

Tgt Ion: 70 Resp: 195006
Ion Ratio Lower Upper
70 100
42 51.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

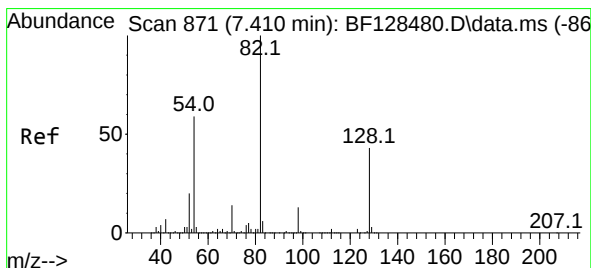
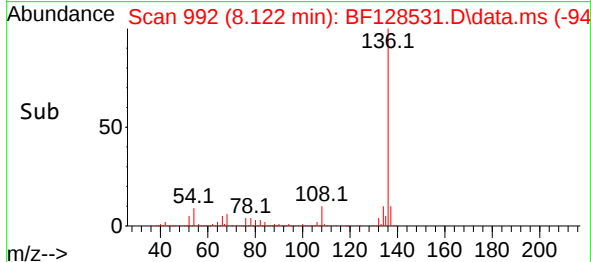
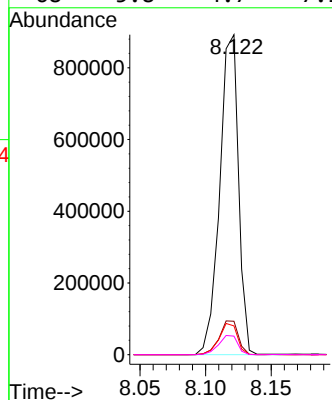
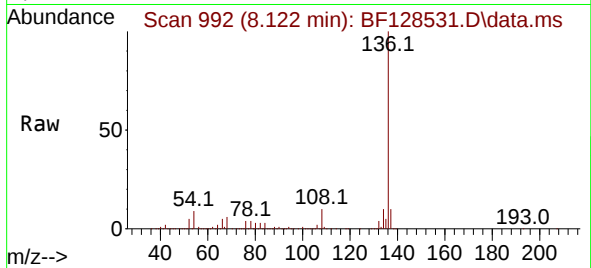




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

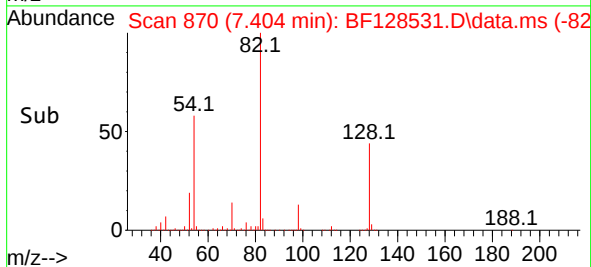
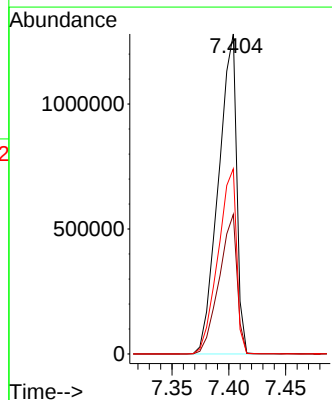
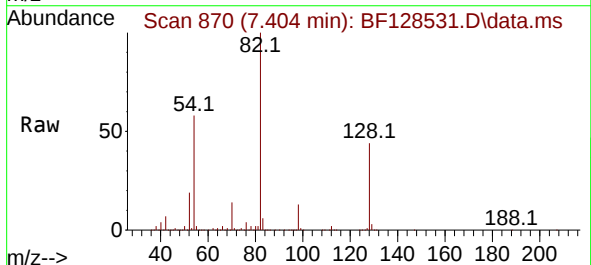
Instrument :
BNA_F
ClientSampleId :
P013-SS005-0006-01

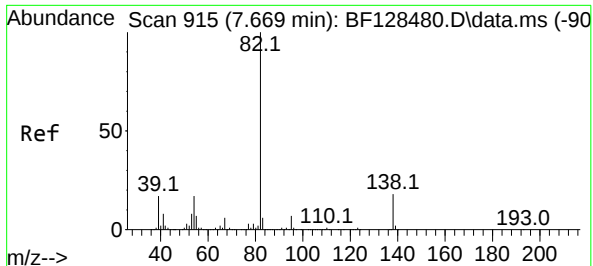
Tgt Ion:136 Resp: 888074
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.0 7.5 11.3
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.967 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

Tgt Ion: 82 Resp: 1431175
Ion Ratio Lower Upper
82 100
128 43.6 34.0 51.0
54 57.8 46.9 70.3

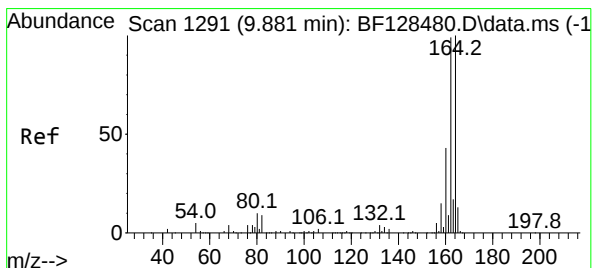
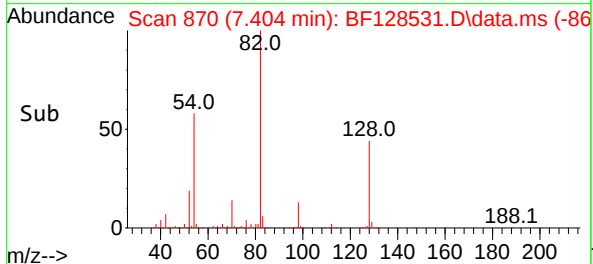
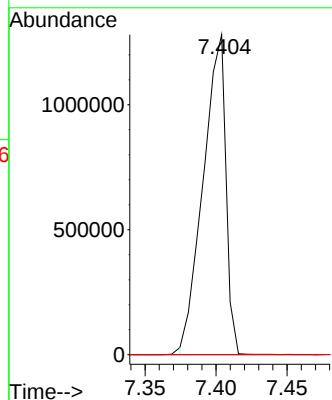
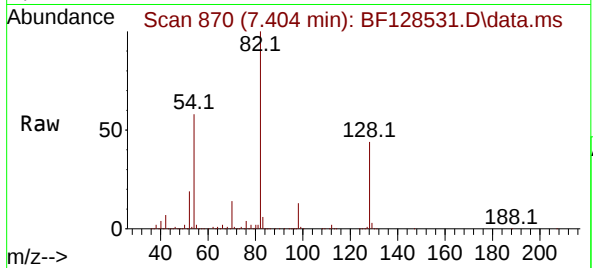




#25
Isophorone
Concen: 49.926 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

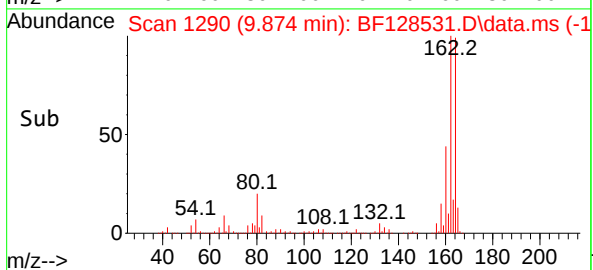
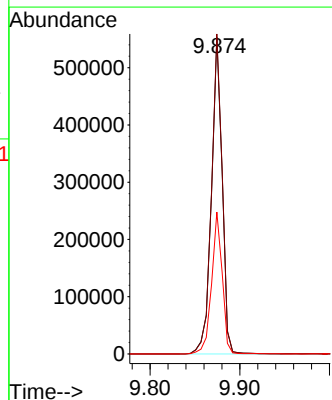
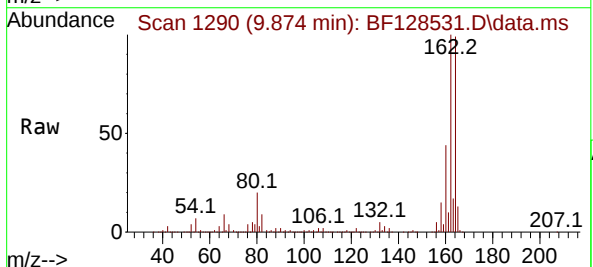
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ClientSampleId :
P013-SS005-0006-01

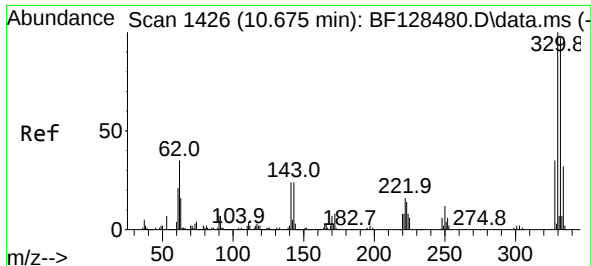
Tgt Ion: 82 Resp: 1417841
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

Tgt Ion:164 Resp: 458610
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 118.857 ng

RT: 10.668 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128531.D

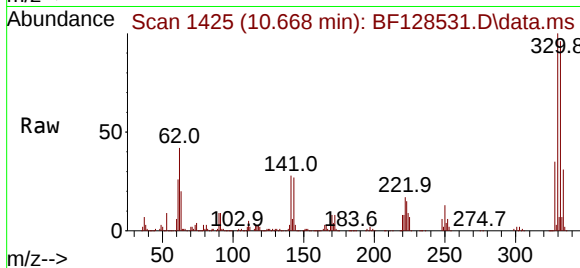
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Instrument :

BNA_F

ClientSampleId :

P013-SS005-0006-01



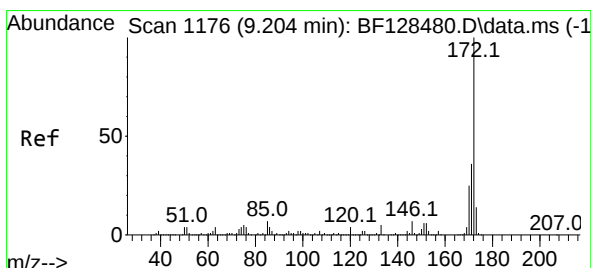
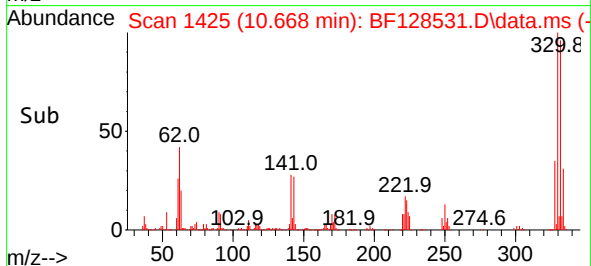
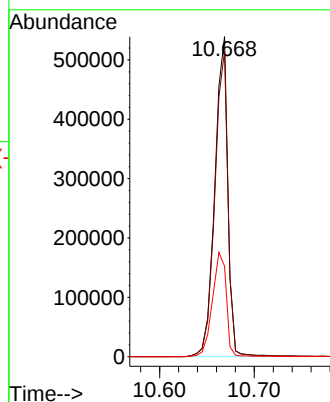
Tgt Ion:330 Resp: 518835

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.992 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128531.D

Acq: 28 May 2022 02:01

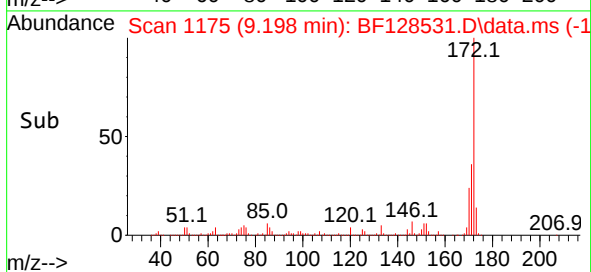
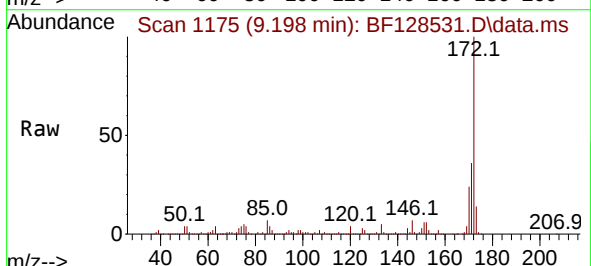
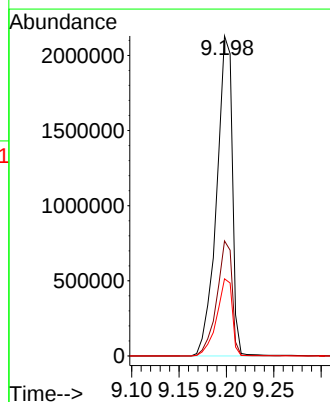
Tgt Ion:172 Resp: 2455649

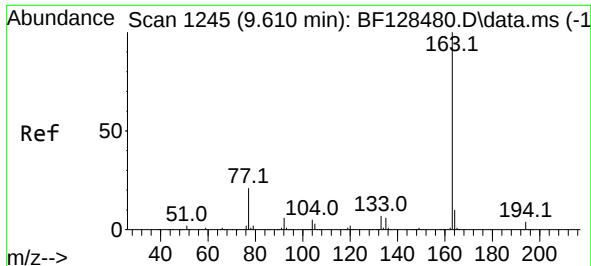
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.1 19.8 29.8

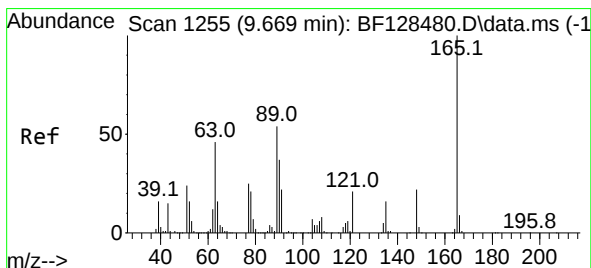
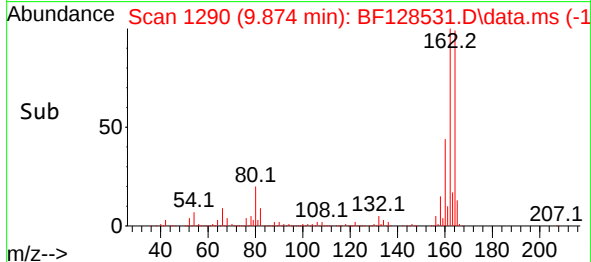
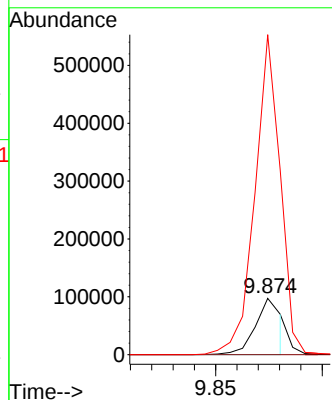
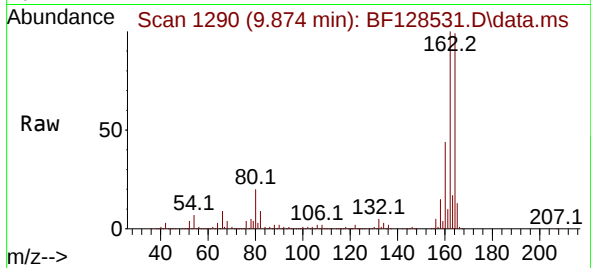




#50
Dimethylphthalate
Concen: 2.743 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.264 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

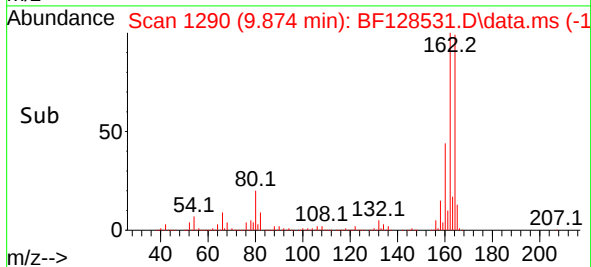
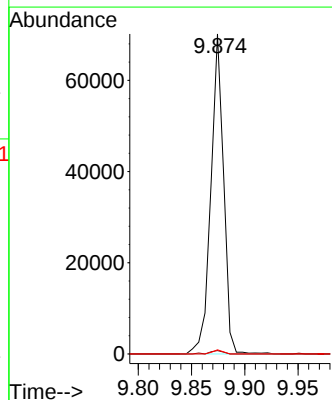
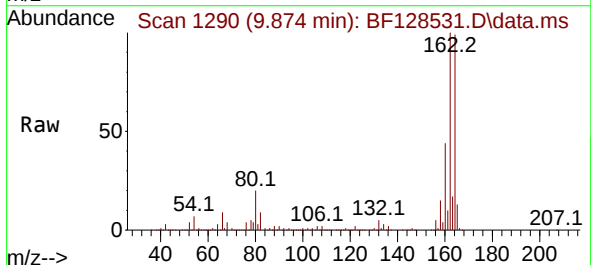
Instrument :
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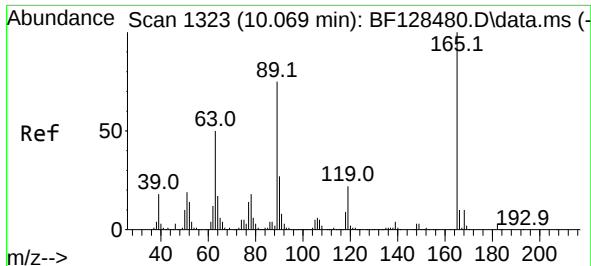
Tgt Ion:163 Resp: 81609
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 567.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.759 ng
RT: 9.874 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

Tgt Ion:165 Resp: 58656
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#

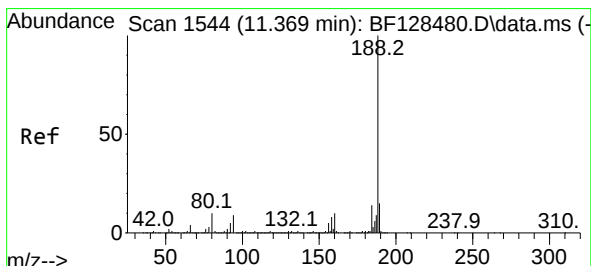
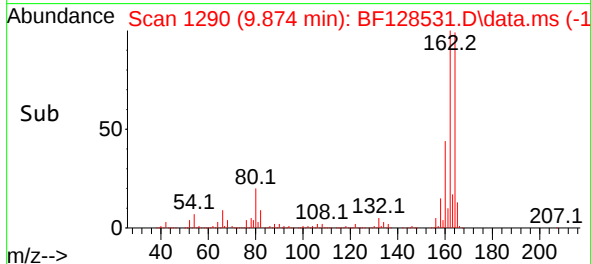
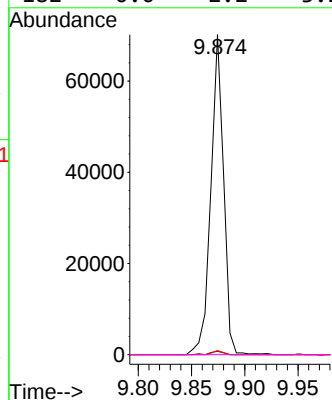
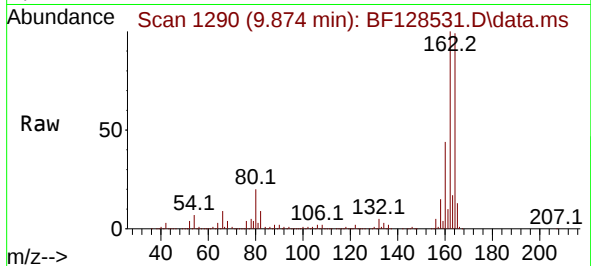




#57
2,4-Dinitrotoluene
Concen: 8.993 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

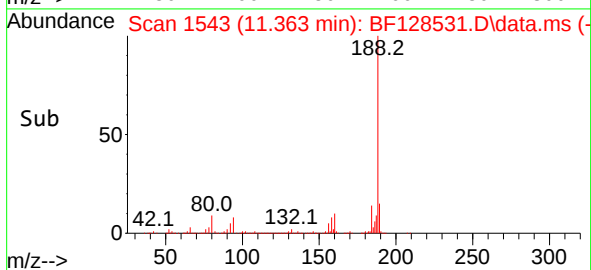
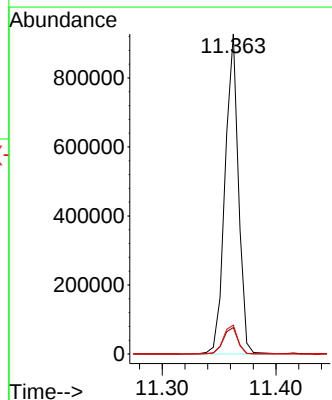
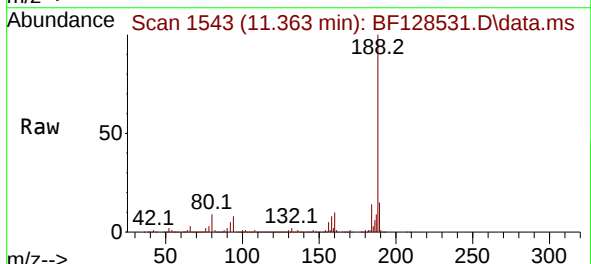
Instrument :
BNA_F
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P013-SS005-0006-01

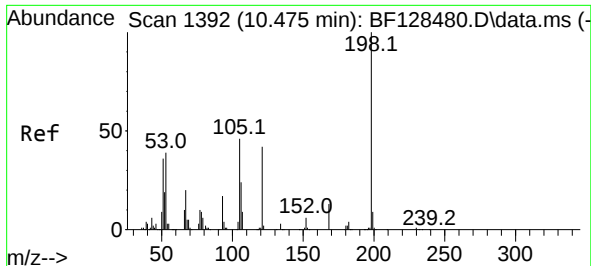
Tgt Ion:165 Resp: 58656
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

Tgt Ion:188 Resp: 762965
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.0 7.6 11.4

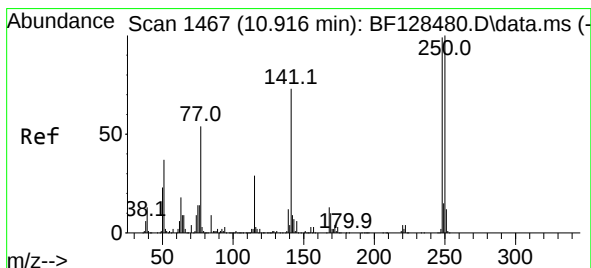
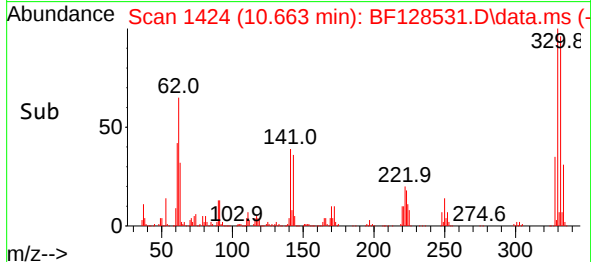
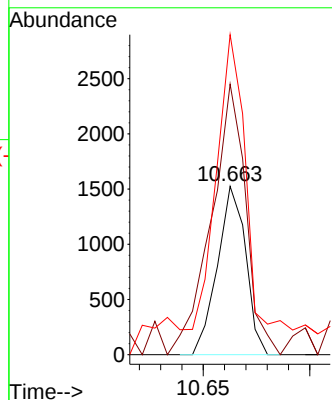
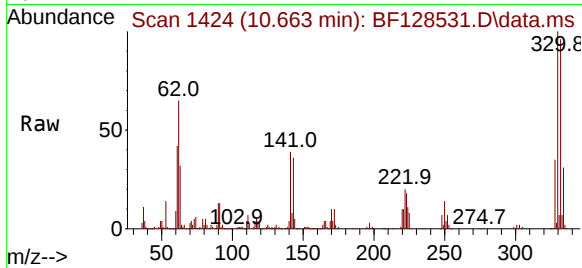




#65
4,6-Dinitro-2-methylphenol
Concen: 5.856 ng
RT: 10.663 min Scan# 1411
Delta R.T. 0.188 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

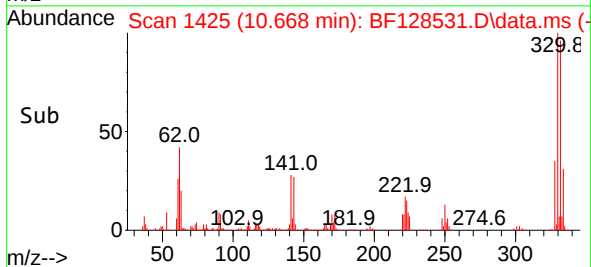
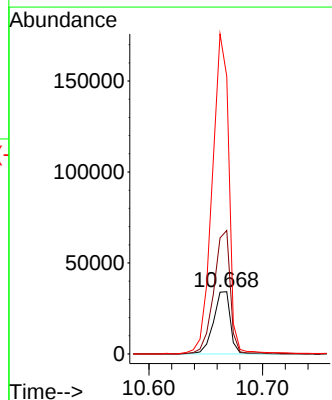
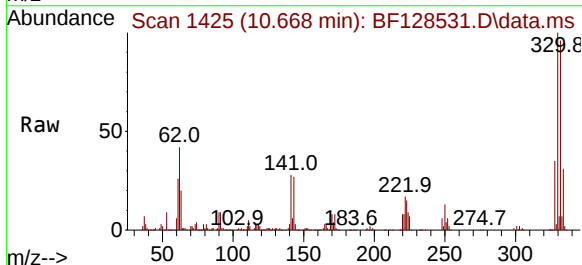
Instrument :
BNA_F
ClientSampleId :
P013-SS005-0006-01

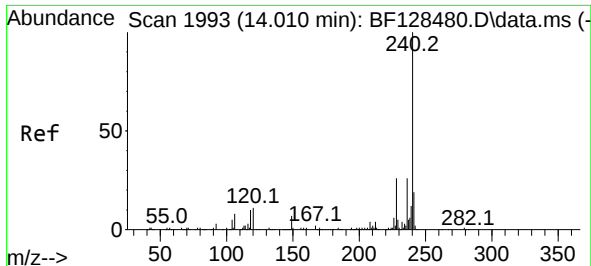
Tgt Ion:198 Resp: 1411
Ion Ratio Lower Upper
198 100
51 160.7 37.6 77.6#
105 190.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.495 ng
RT: 10.668 min Scan# 1425
Delta R.T. -0.248 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

Tgt Ion:248 Resp: 35431
Ion Ratio Lower Upper
248 100
250 198.6 80.6 120.8#
141 446.1 58.9 88.3#

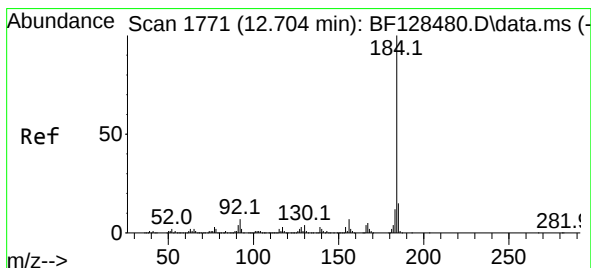
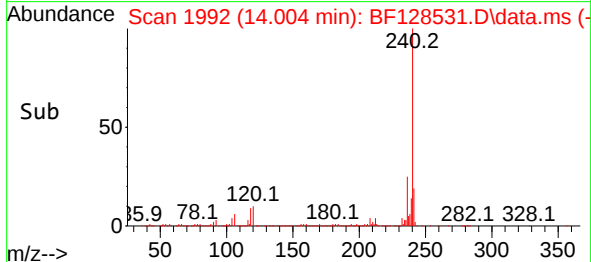
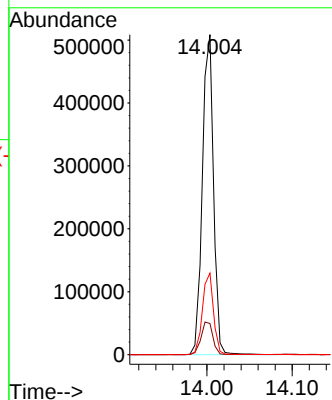
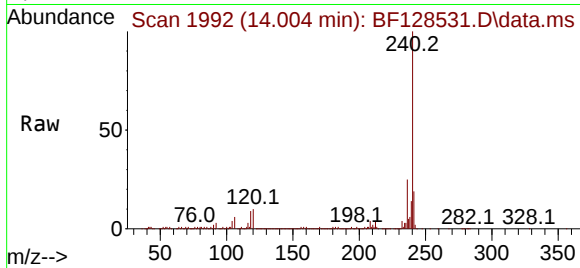




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

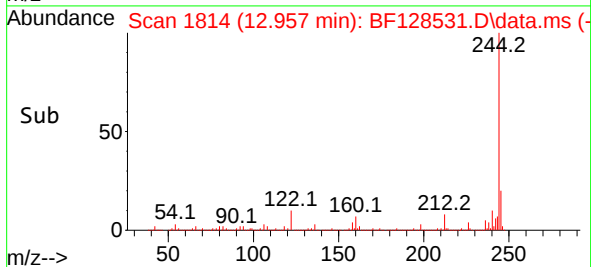
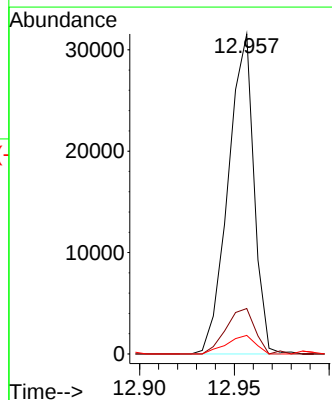
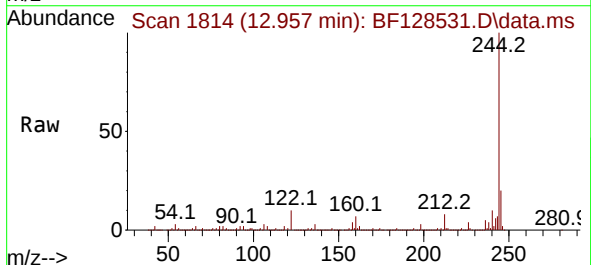
Instrument :
BNA_F
ClientSampleId :
P013-SS005-0006-01

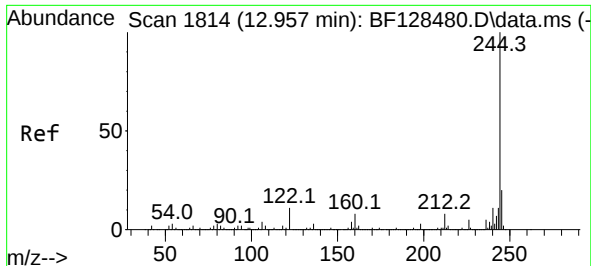
Tgt Ion:240 Resp: 463172
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.5 20.8 31.2



#77
Benzidine
Concen: 2.791 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128531.D
Acq: 28 May 2022 02:01

Tgt Ion:184 Resp: 29817
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 5.8 9.3 13.9#

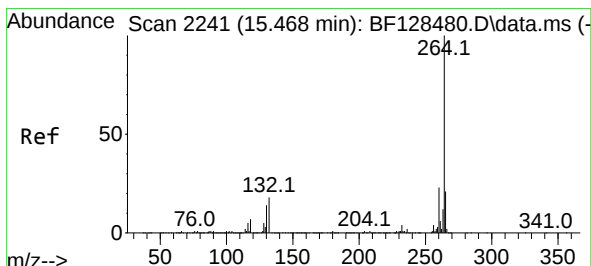
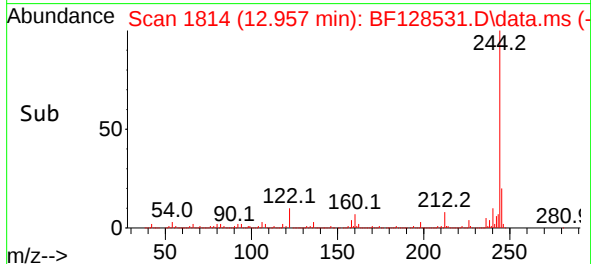
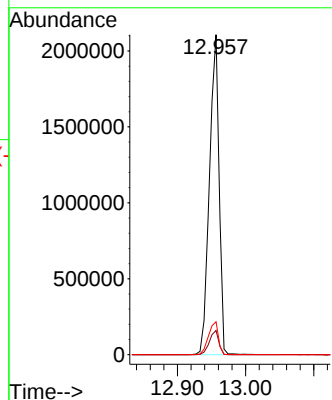
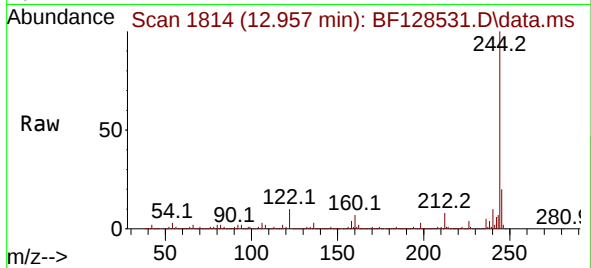




#79
 Terphenyl-d14
 Concen: 86.536 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128531.D
 Acq: 28 May 2022 02:01

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS005-0006-01

Tgt Ion:244 Resp: 2074642
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.3 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: BF128531.D
 Acq: 28 May 2022 02:01

Tgt Ion:264 Resp: 431360
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.5 17.2 25.8

