

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128988.D
 Acq On : 24 Jun 2022 14:33
 Operator : CG\JU
 Sample : N3478-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-364

Quant Time: Jun 25 06:13:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

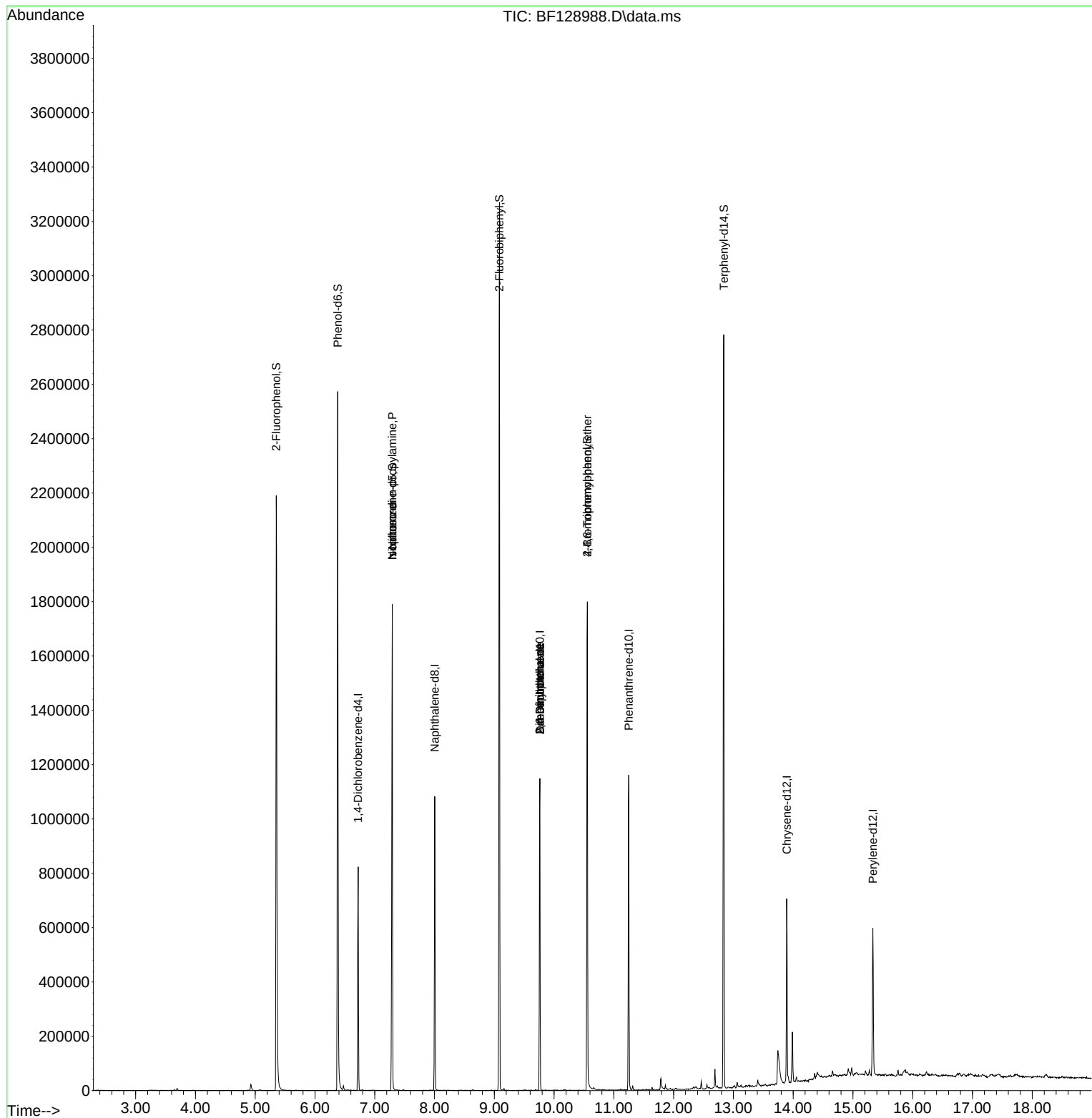
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	104608	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	410721	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	232144	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	426356	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	223641	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	225365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	579712	88.271	ng	0.00
7) Phenol-d6	6.381	99	732063	91.318	ng	0.00
23) Nitrobenzene-d5	7.292	82	520974	59.057	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	213176	77.719	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	971297	58.610	ng	0.00
79) Terphenyl-d14	12.839	244	922562	71.681	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	72917	14.629	ng	# 78
25) Isophorone	7.292	82	519216	38.753	ng	# 65
50) Dimethylphthalate	9.763	163	42933	2.702	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	30039	9.578	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	30039	7.177	ng	# 21
67) 4-Bromophenyl-phenylether	10.557	248	14003	2.945	ng	# 1

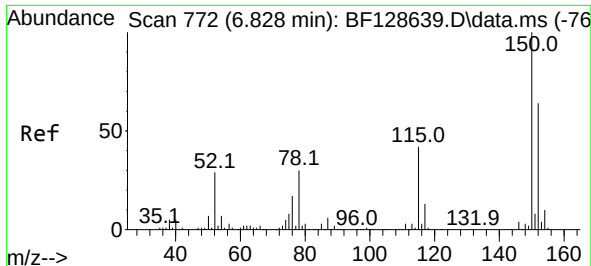
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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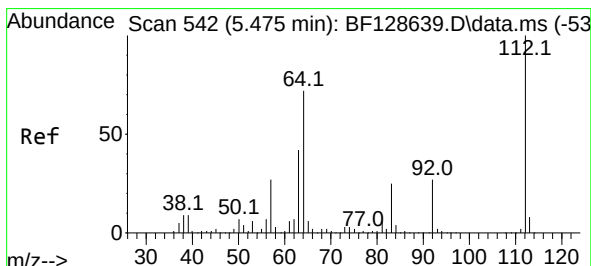
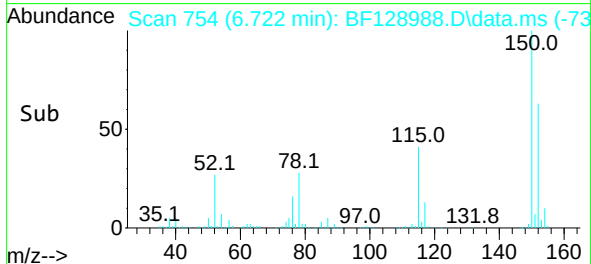
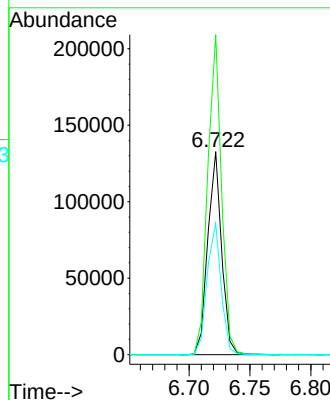
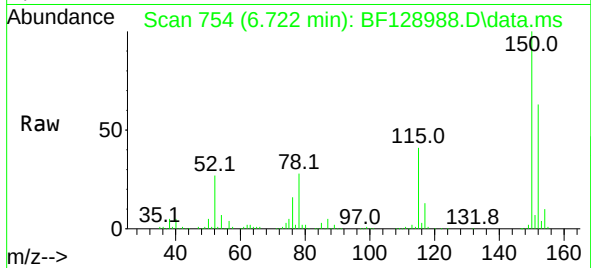




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

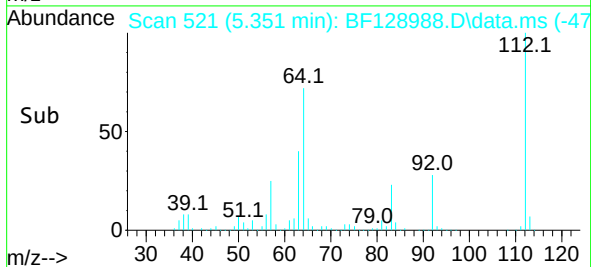
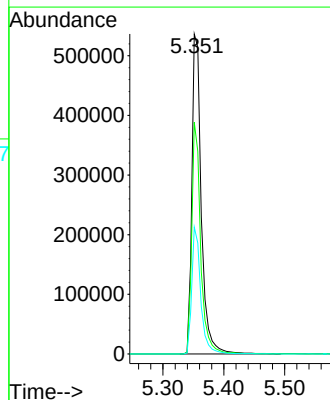
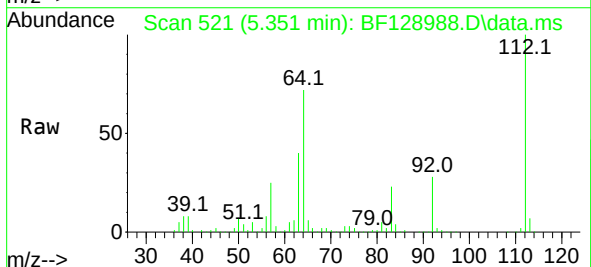
Instrument :
BNA_F
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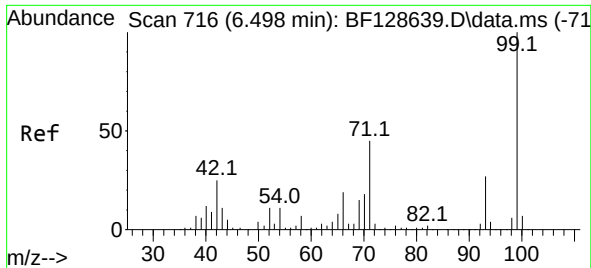
Tgt Ion:152 Resp: 104608
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 64.7 49.9 74.9



#5
2-Fluorophenol
Concen: 88.271 ng
RT: 5.351 min Scan# 521
Delta R.T. -0.006 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

Tgt Ion:112 Resp: 579712
Ion Ratio Lower Upper
112 100
64 72.4 53.3 79.9
63 39.7 28.0 42.0

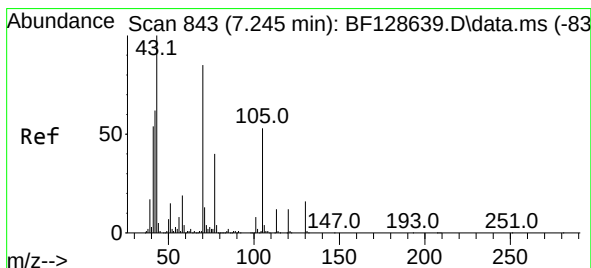
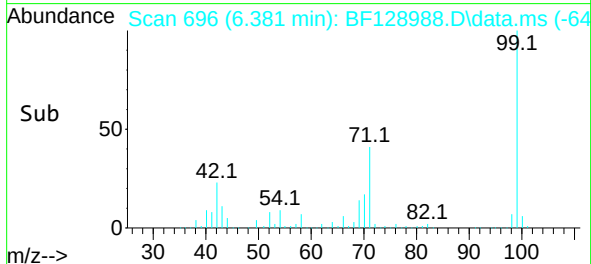
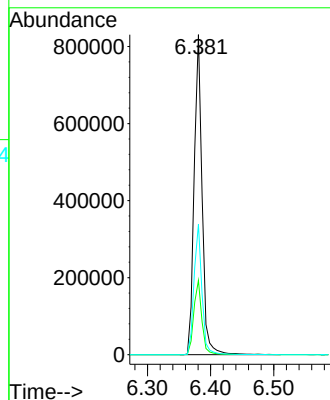
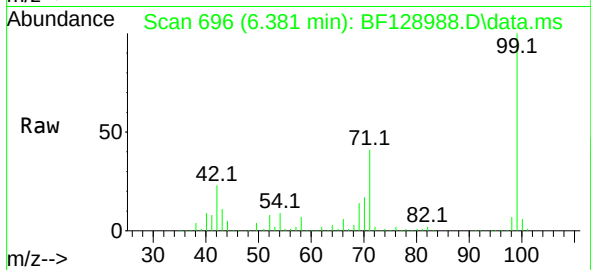




#7
Phenol-d6
Concen: 91.318 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

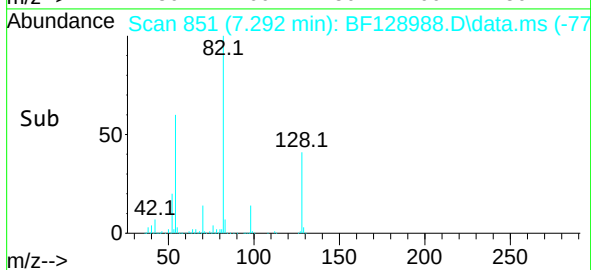
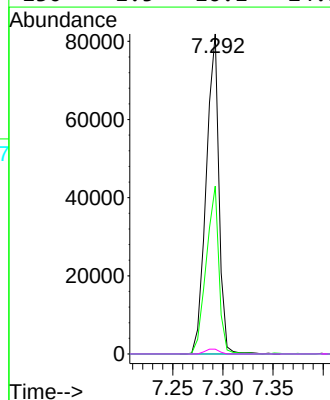
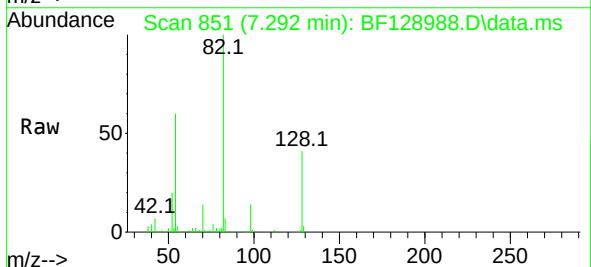
Instrument :
BNA_F
ClientSampleId :
RO-364

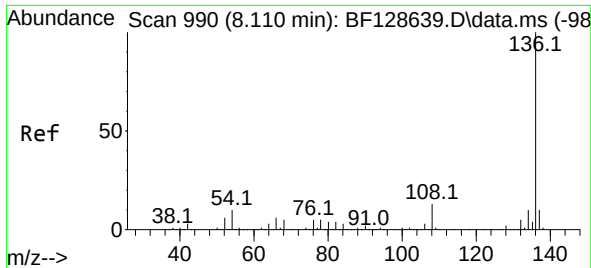
Tgt Ion: 99 Resp: 732063
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 40.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.629 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

Tgt Ion: 70 Resp: 72917
Ion Ratio Lower Upper
70 100
42 52.5 52.3 78.5
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#

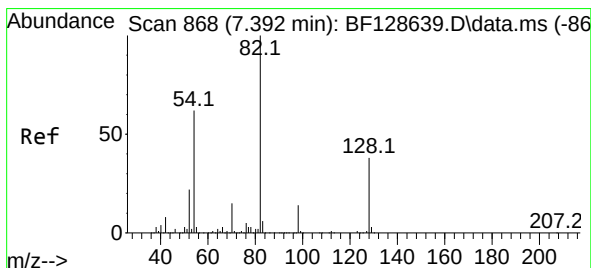
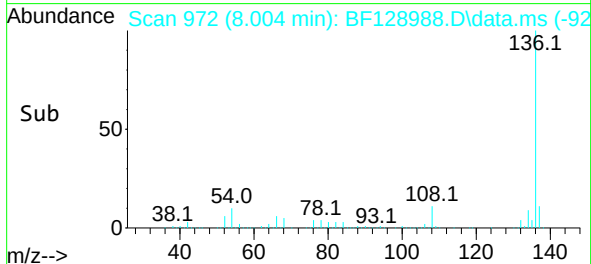
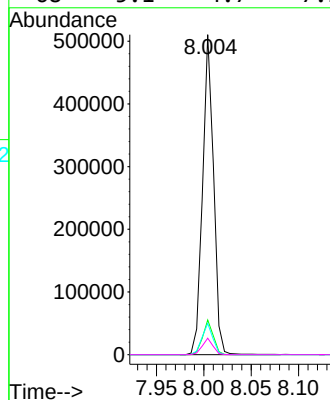
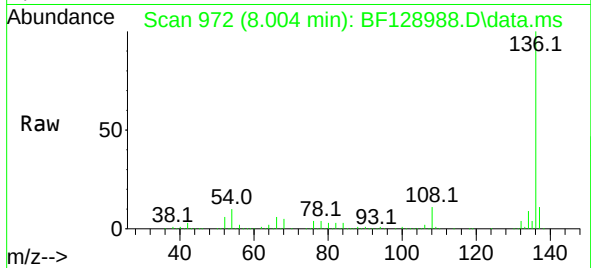




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

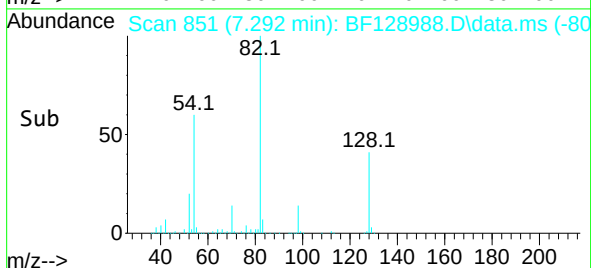
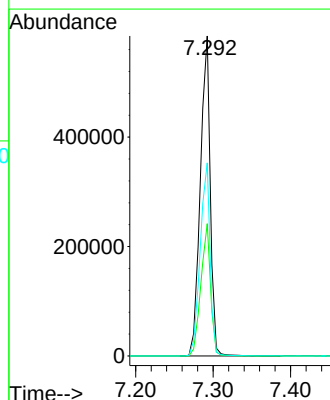
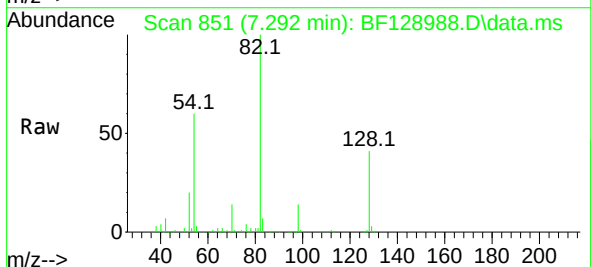
Instrument :
BNA_F
ClientSampleId :
RO-364

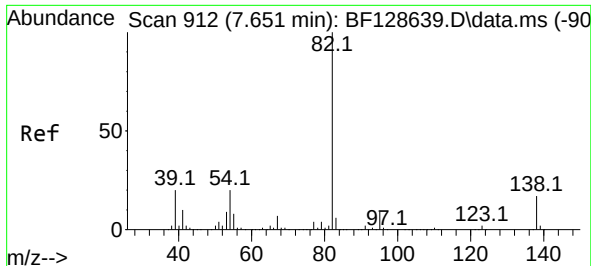
Tgt Ion:136 Resp: 410721
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.8 7.5 11.3
68 5.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 59.057 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

Tgt Ion: 82 Resp: 520974
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 60.3 46.9 70.3

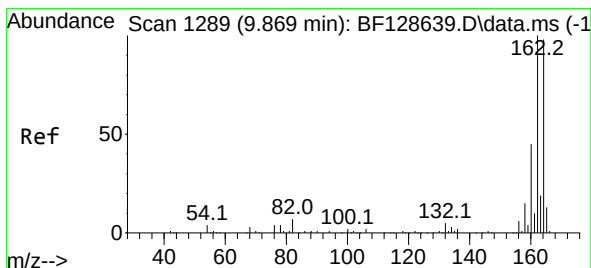
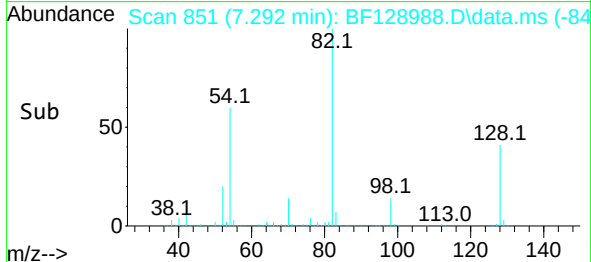
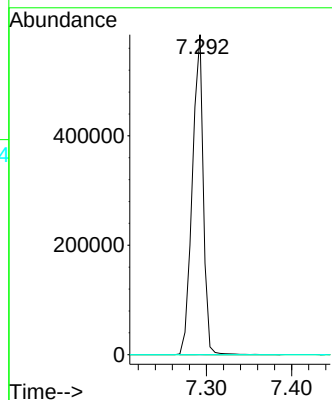
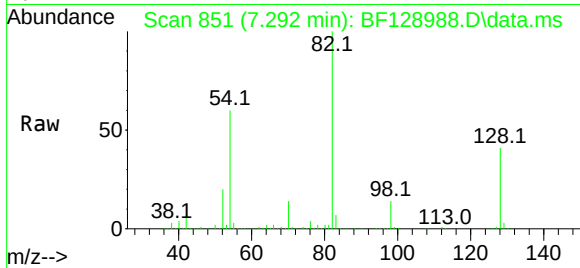




#25
Isophorone
Concen: 38.753 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

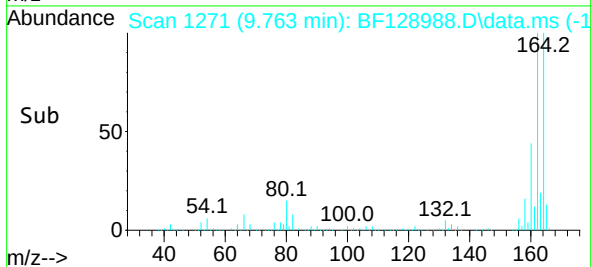
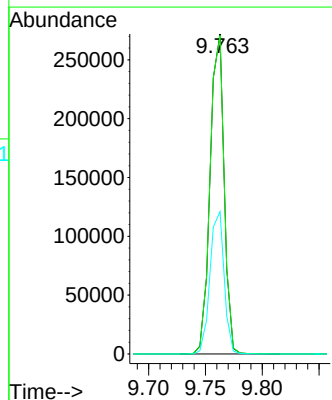
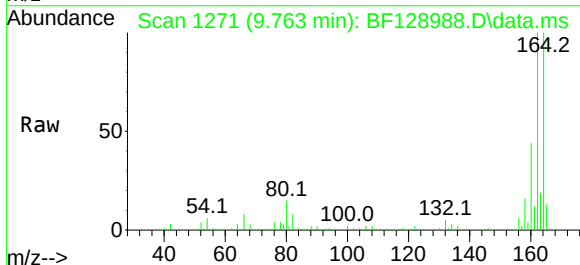
Instrument :
BNA_F
ClientSampleId :
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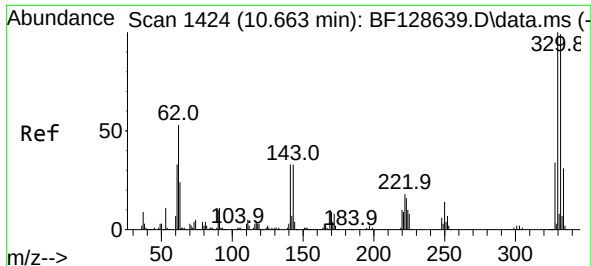
Tgt Ion: 82 Resp: 519216
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

Tgt Ion:164 Resp: 232144
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 77.719 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128988.D

Acq: 24 Jun 2022 14:33

Instrument :

BNA_F

ClientSampleId :

RO-364

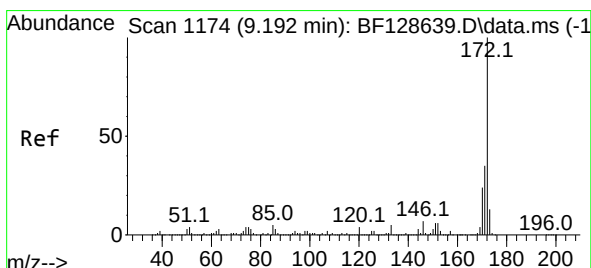
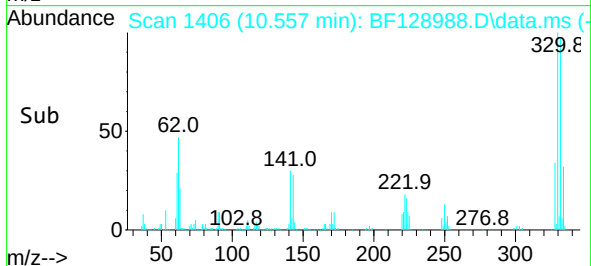
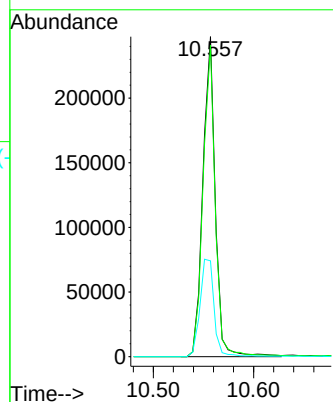
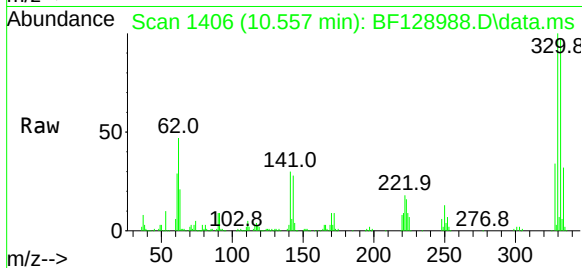
Tgt Ion:330 Resp: 213176

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.610 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128988.D

Acq: 24 Jun 2022 14:33

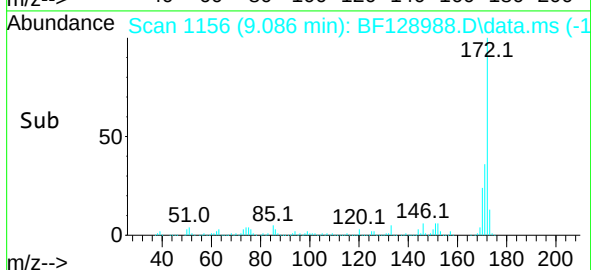
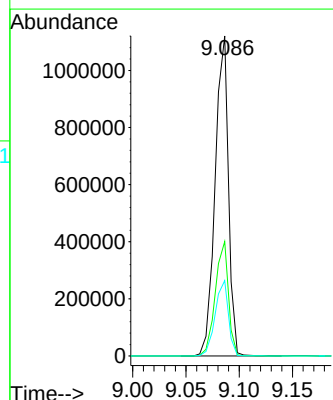
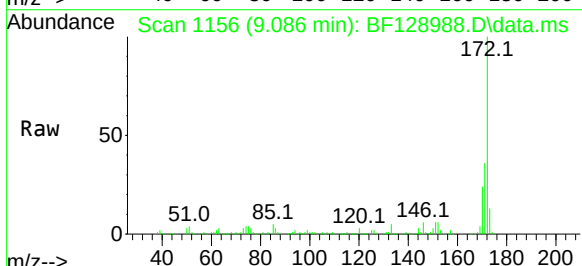
Tgt Ion:172 Resp: 971297

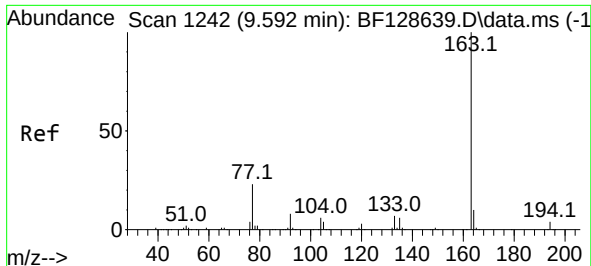
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.5 19.8 29.8

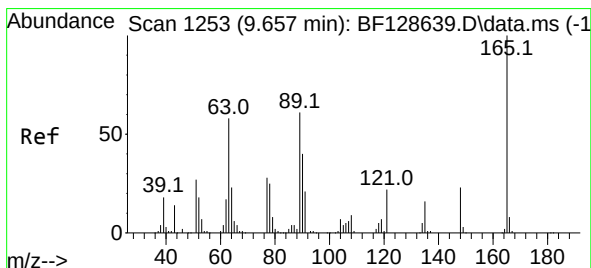
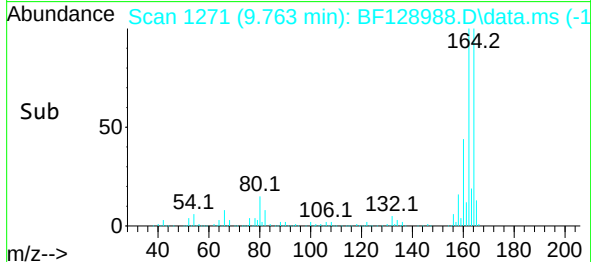
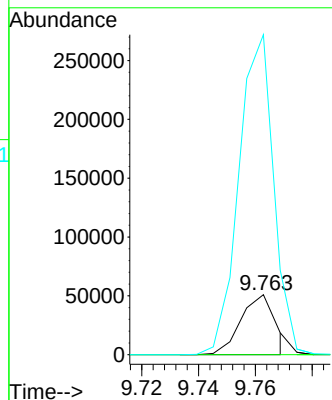
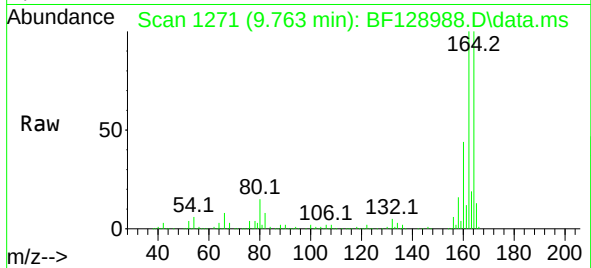




#50
Dimethylphthalate
Concen: 2.702 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

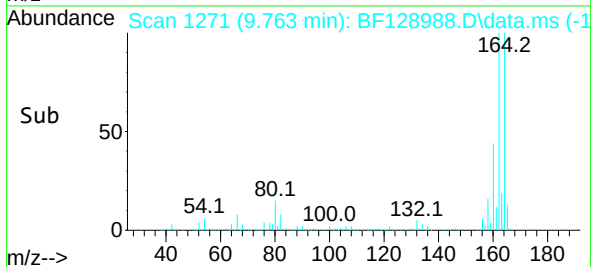
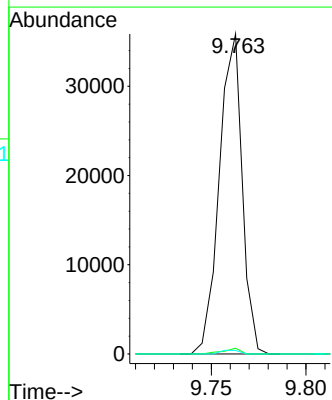
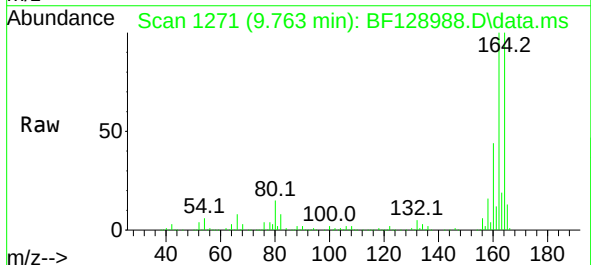
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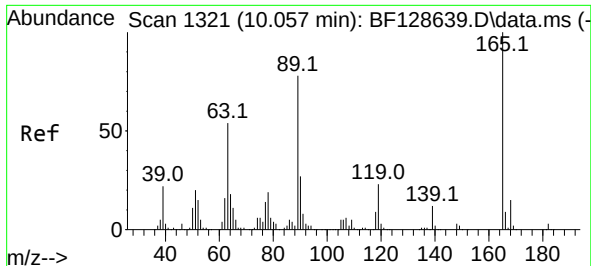
Tgt Ion:163 Resp: 42933
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 532.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.578 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

Tgt Ion:165 Resp: 30039
Ion Ratio Lower Upper
165 100
63 1.8 44.9 67.3#
89 1.1 43.6 65.4#

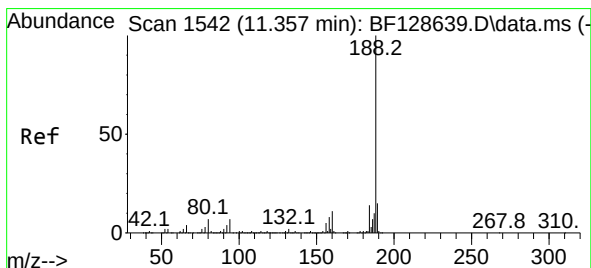
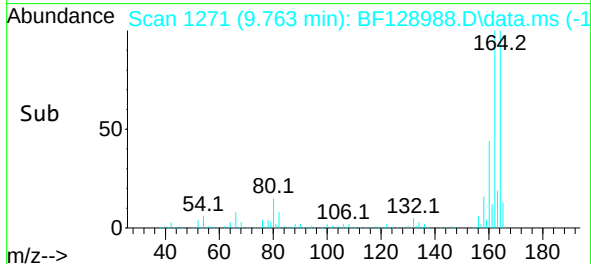
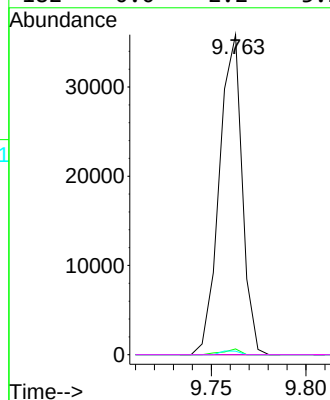
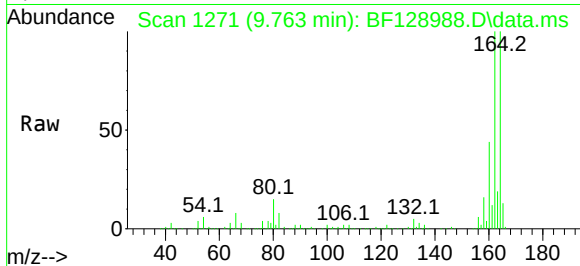




#57
2,4-Dinitrotoluene
Concen: 7.177 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

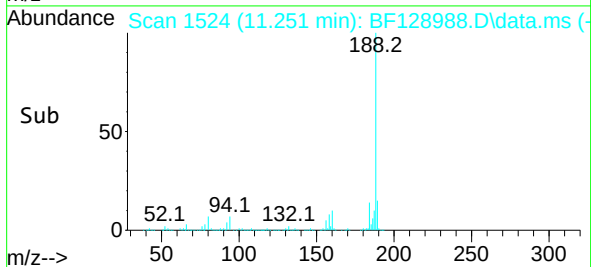
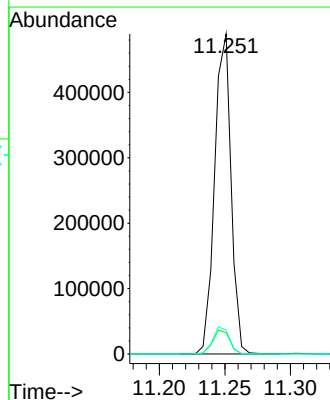
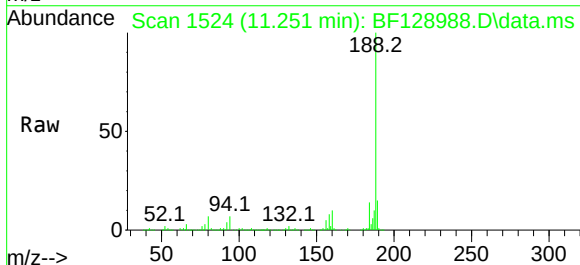
Instrument :
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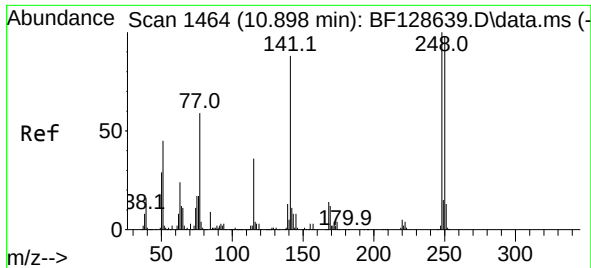
Tgt Ion:165	Resp:	30039
Ion Ratio	Lower	Upper
165	100	
63	1.8	39.8 59.6#
89	1.1	60.2 90.2#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

Tgt Ion:188	Resp:	426356
Ion Ratio	Lower	Upper
188	100	
94	6.7	7.0 10.6#
80	7.4	7.6 11.4#

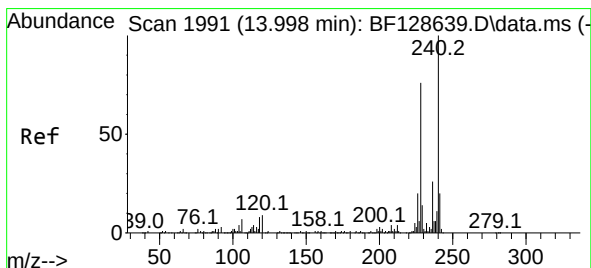
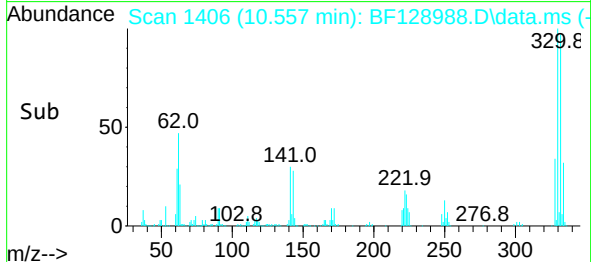
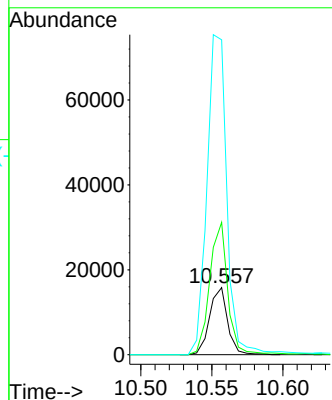
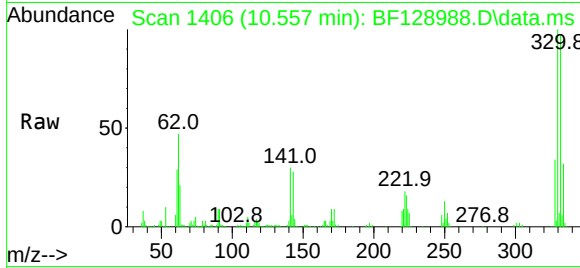




#67
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

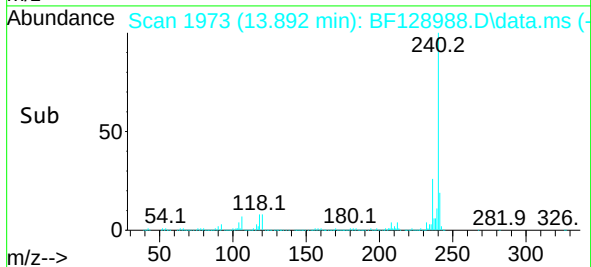
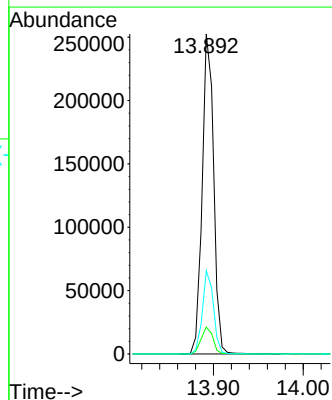
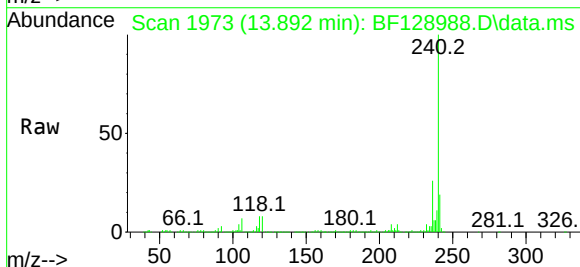
Instrument :
BNA_F
ClientSampleId :
RO-364

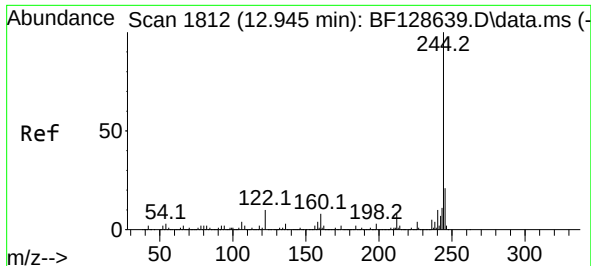
Tgt Ion:248 Resp: 14003
Ion Ratio Lower Upper
248 100
250 197.6 80.6 120.8#
141 470.0 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128988.D
Acq: 24 Jun 2022 14:33

Tgt Ion:240 Resp: 223641
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 26.0 20.8 31.2

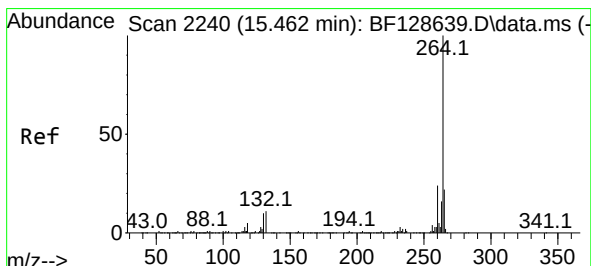
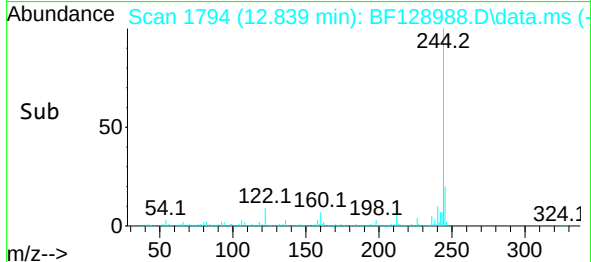
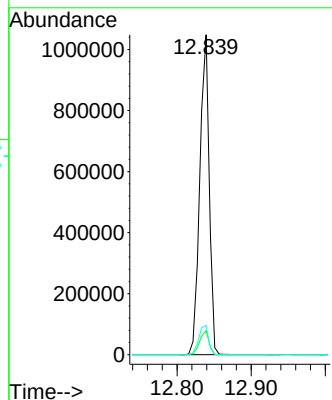
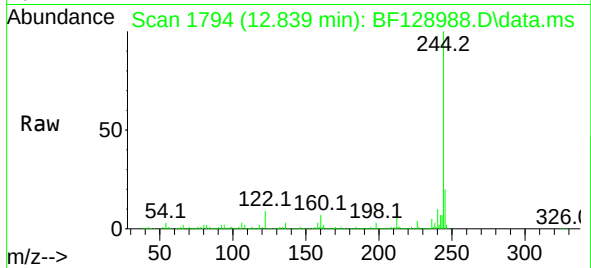




#79
 Terphenyl-d14
 Concen: 71.681 ng
 RT: 12.839 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128988.D
 Acq: 24 Jun 2022 14:33

Instrument :
 BNA_F
 ClientSampleId :
 RO-364

Tgt Ion:244 Resp: 922562
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.333 min Scan# 2218
 Delta R.T. 0.006 min
 Lab File: BF128988.D
 Acq: 24 Jun 2022 14:33

Tgt Ion:264 Resp: 225365
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 22.1 17.2 25.8

