

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130588.D
 Acq On : 07 Oct 2022 22:30
 Operator : CG\JU
 Sample : N5046-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-12

Quant Time: Oct 10 01:46:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

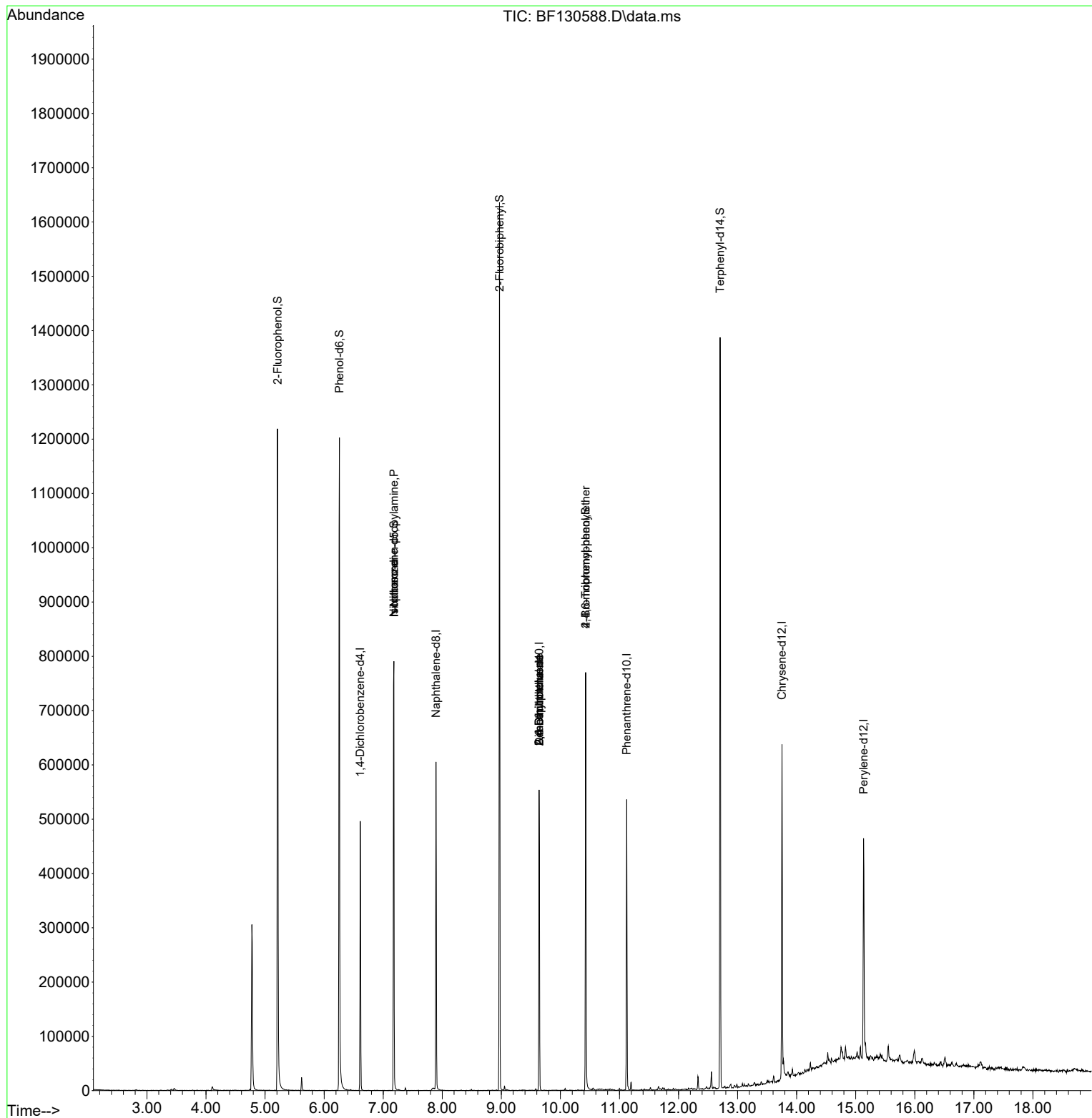
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	65360	20.000	ng	0.00
21) Naphthalene-d8	7.893	136	235001	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	106616	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	169599	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	179479	20.000	ng	-0.01
86) Perylene-d12	15.133	264	159969	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	336077	89.185	ng	0.00
7) Phenol-d6	6.257	99	392842	83.317	ng	-0.01
23) Nitrobenzene-d5	7.181	82	243519	52.940	ng	-0.01
42) 2,4,6-Tribromophenol	10.428	330	84008	82.233	ng	-0.01
45) 2-Fluorobiphenyl	8.969	172	409898	55.985	ng	-0.01
79) Terphenyl-d14	12.704	244	433874	40.044	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	31423	9.876	ng	# 73
25) Isophorone	7.181	82	243515	32.846	ng	# 66
50) Dimethylphthalate	9.639	163	19966	2.711	ng	# 1
51) 2,6-Dinitrotoluene	9.639	165	13212	8.578	ng	# 16
57) 2,4-Dinitrotoluene	9.639	165	13212	6.712	ng	# 16
67) 4-Bromophenyl-phenylether	10.428	248	5281	2.823	ng	# 1

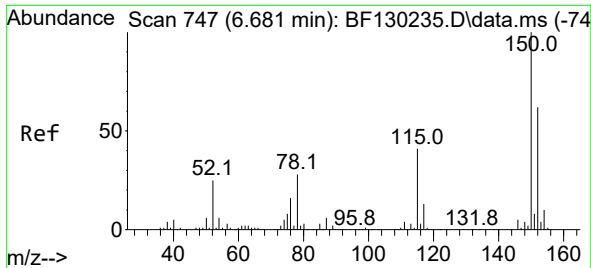
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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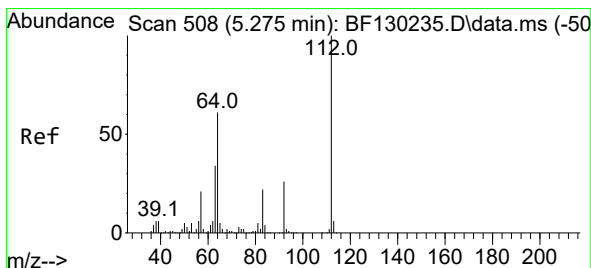
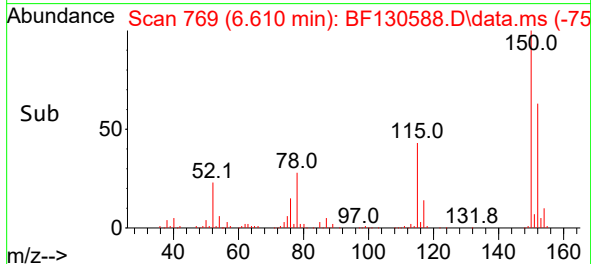
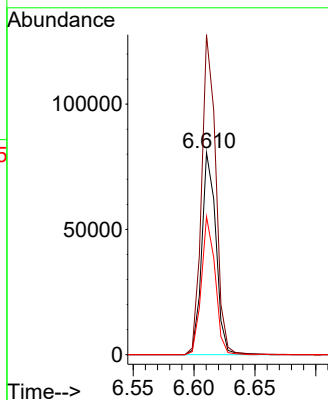
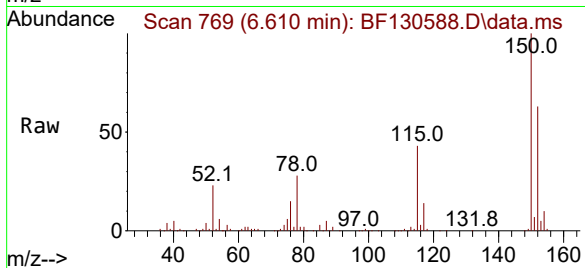




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

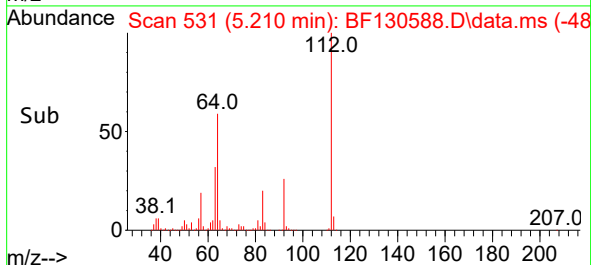
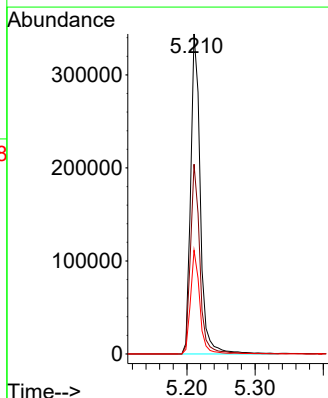
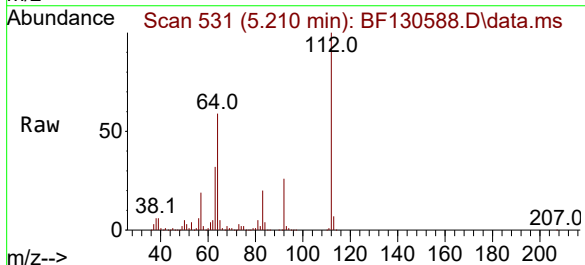
Instrument :
BNA_F
ClientSampleId :
R-12

Tgt Ion:152 Resp: 65360
Ion Ratio Lower Upper
152 100
150 158.4 122.8 184.2
115 68.3 53.8 80.8



#5
2-Fluorophenol
Concen: 89.185 ng
RT: 5.210 min Scan# 531
Delta R.T. -0.006 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

Tgt Ion:112 Resp: 336077
Ion Ratio Lower Upper
112 100
64 59.3 51.4 77.0
63 32.4 28.8 43.2

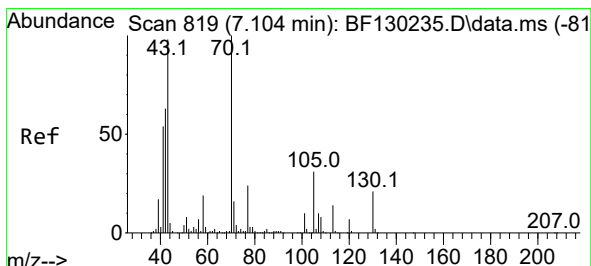
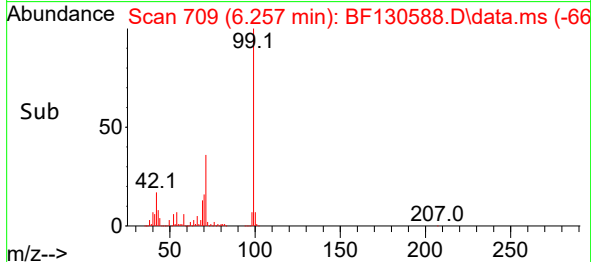
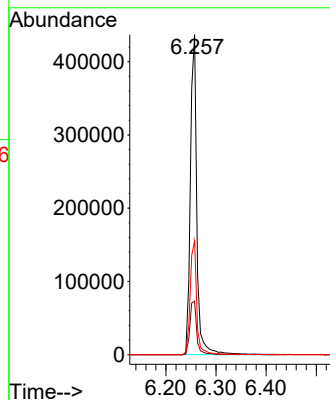
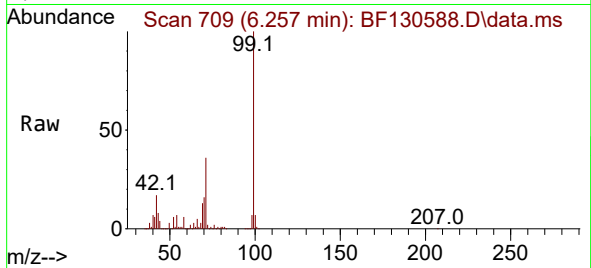




#7
Phenol-d6
Concen: 83.317 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

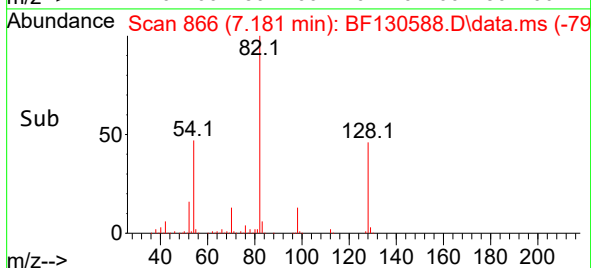
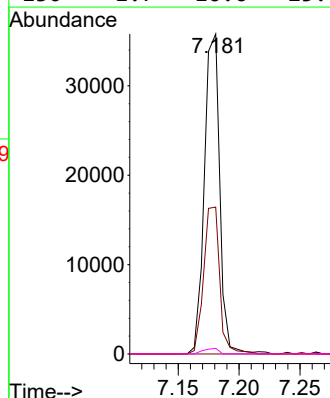
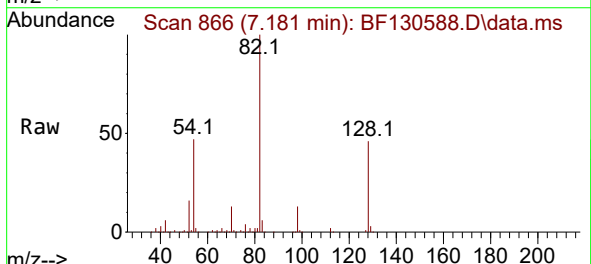
Instrument :
BNA_F
ClientSampleId :
R-12

Tgt Ion: 99 Resp: 392842
Ion Ratio Lower Upper
99 100
42 16.7 17.0 25.6#
71 35.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.876 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

Tgt Ion: 70 Resp: 31423
Ion Ratio Lower Upper
70 100
42 45.9 50.8 76.2#
101 0.0 8.2 12.4#
130 1.7 16.6 25.0#

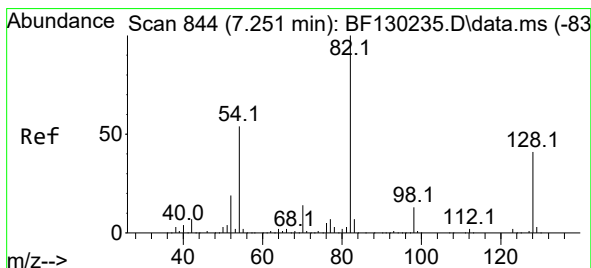
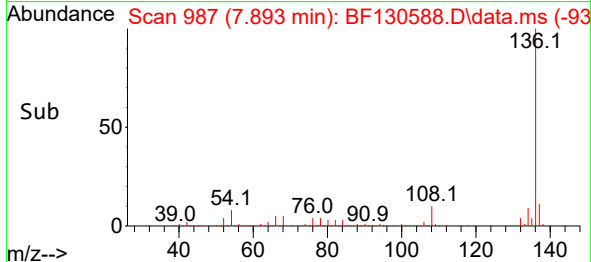
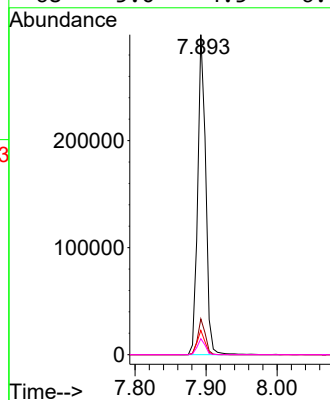
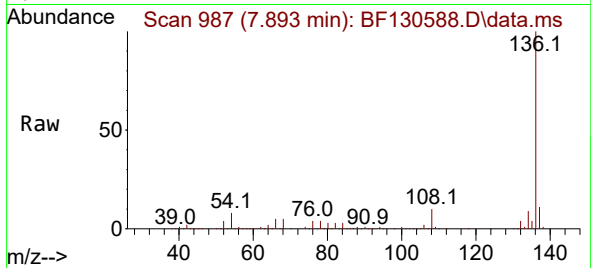




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.893 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

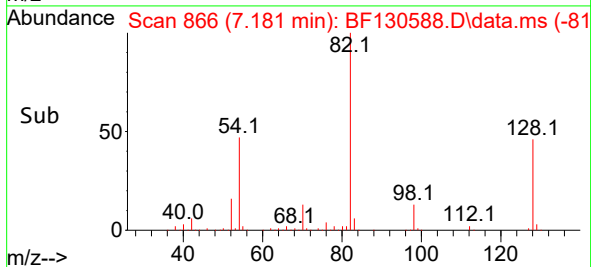
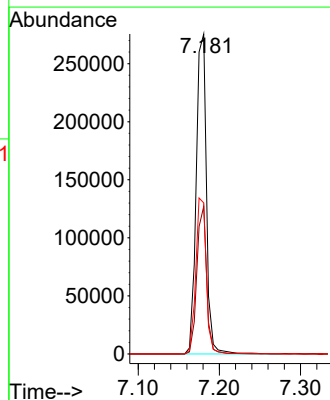
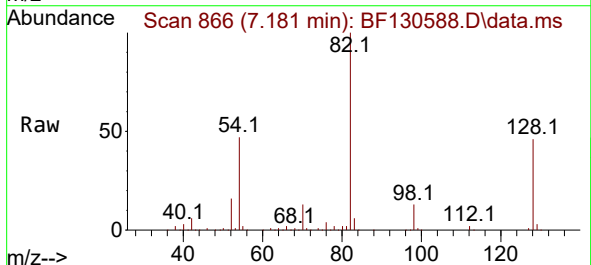
Instrument :
BNA_F
ClientSampleId :
R-12

Tgt Ion:136 Resp: 235001
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.6 7.1 10.7
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 52.940 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

Tgt Ion: 82 Resp: 243519
Ion Ratio Lower Upper
82 100
128 46.1 32.6 49.0
54 47.2 43.8 65.6

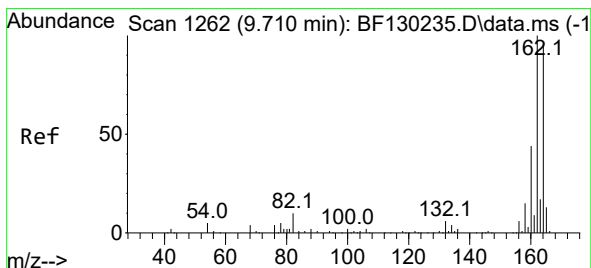
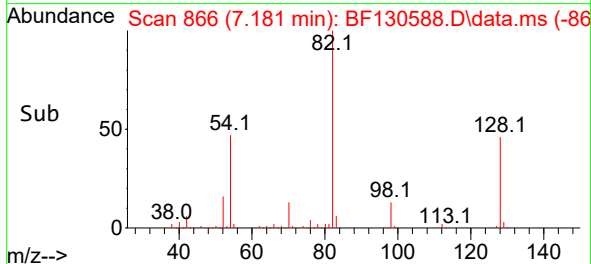
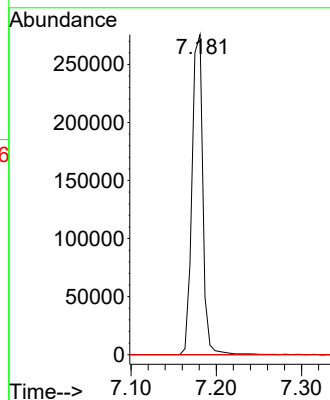
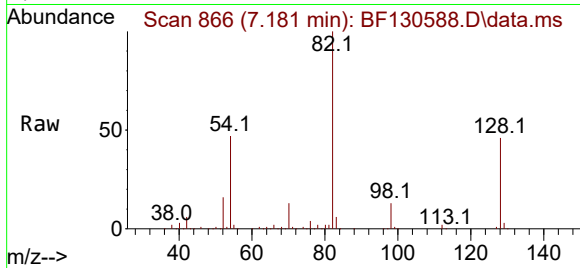




#25
Isophorone
Concen: 32.846 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

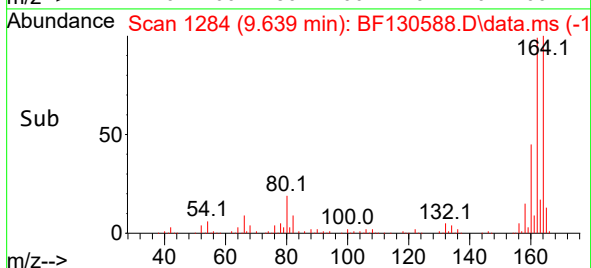
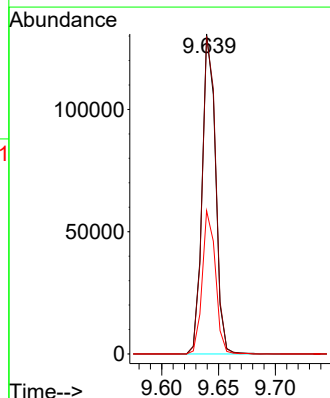
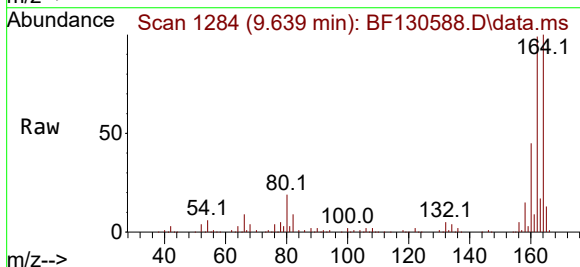
Instrument :
BNA_F
ClientSampleId :
R-12

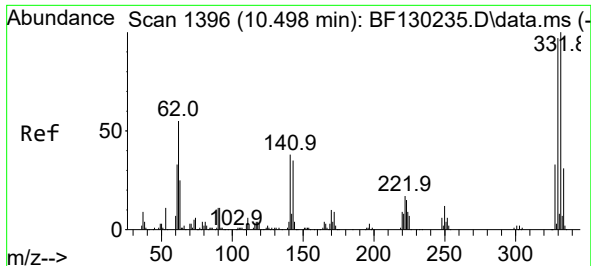
Tgt Ion: 82 Resp: 243515
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

Tgt Ion: 164 Resp: 106616
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 82.233 ng

RT: 10.428 min Scan# 1418

Delta R.T. -0.012 min

Lab File: BF130588.D

Acq: 07 Oct 2022 22:30

Instrument :

BNA_F

ClientSampleId :

R-12

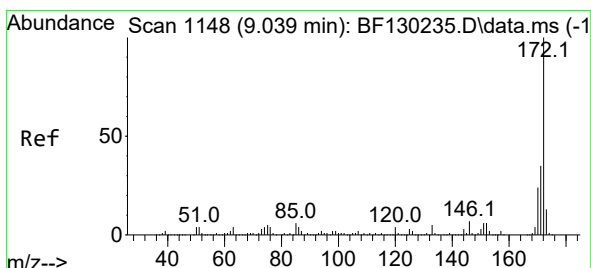
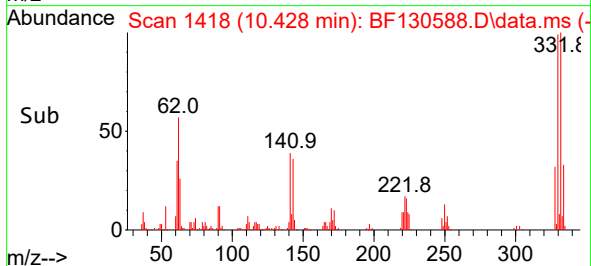
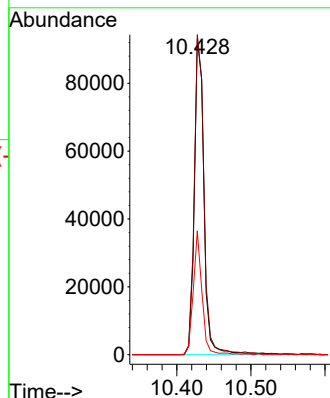
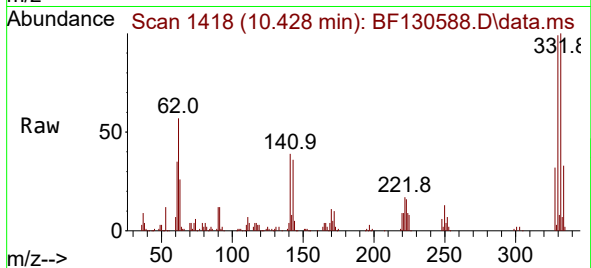
Tgt Ion:330 Resp: 84008

Ion Ratio Lower Upper

330 100

332 103.9 83.4 125.2

141 35.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 55.985 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF130588.D

Acq: 07 Oct 2022 22:30

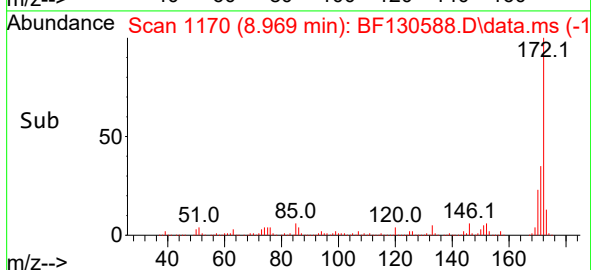
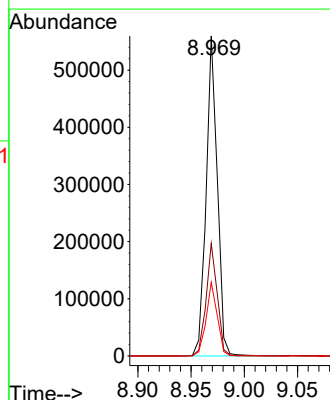
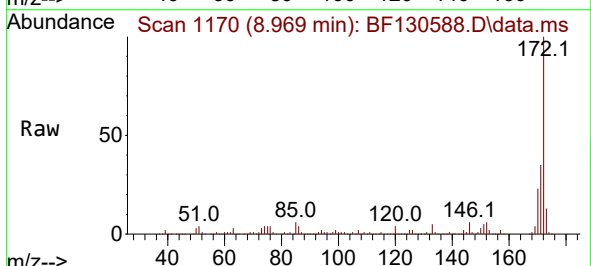
Tgt Ion:172 Resp: 409898

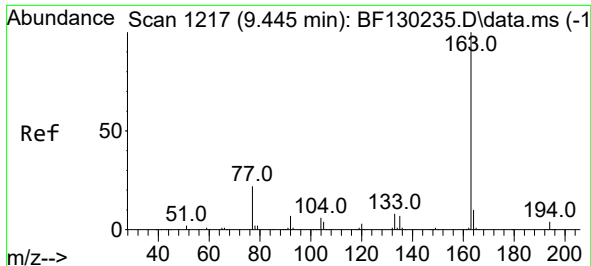
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.0 18.7 28.1

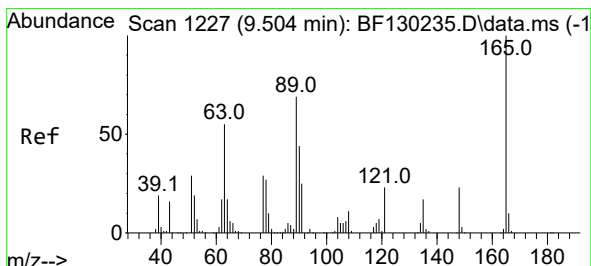
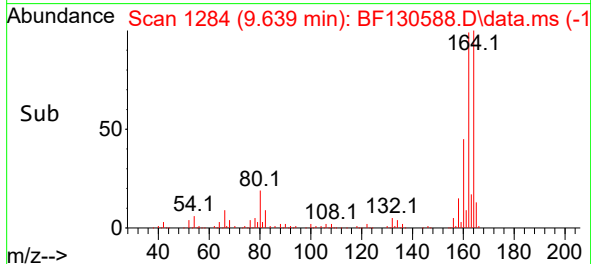
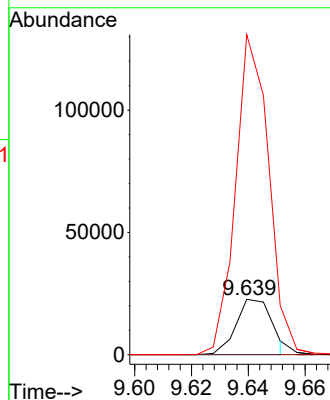
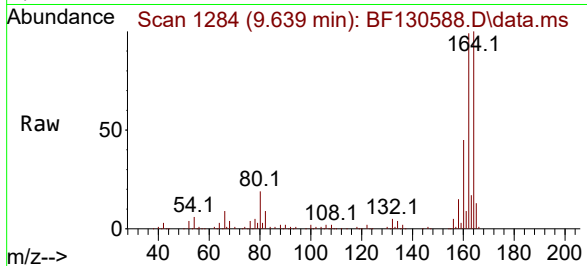




#50
Dimethylphthalate
Concen: 2.711 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.253 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

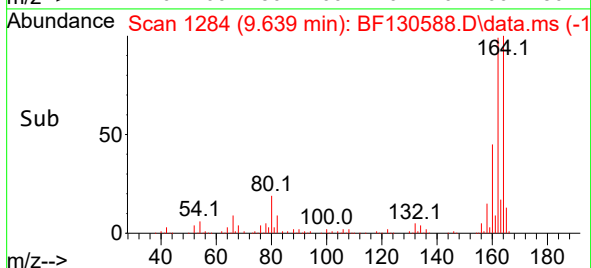
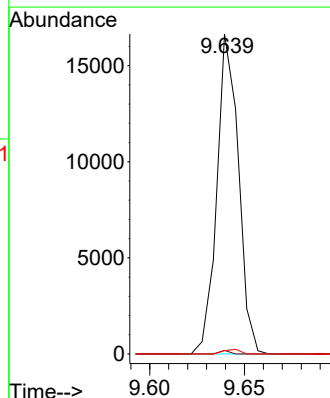
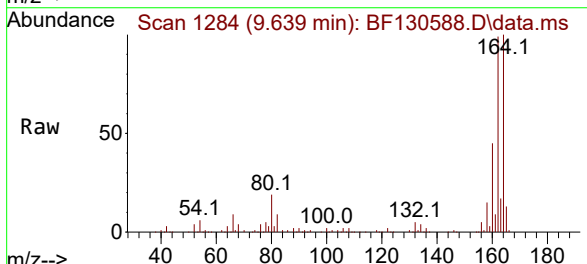
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R-12

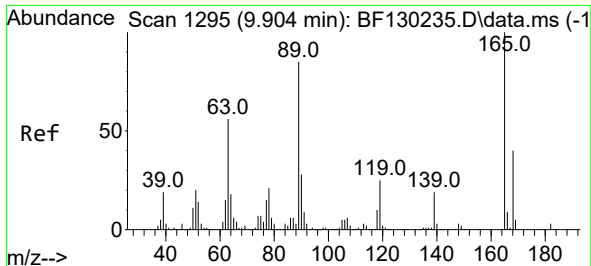
Tgt Ion:163 Resp: 19966
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 578.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.578 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.188 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

Tgt Ion:165 Resp: 13212
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 1.1 54.5 81.7#

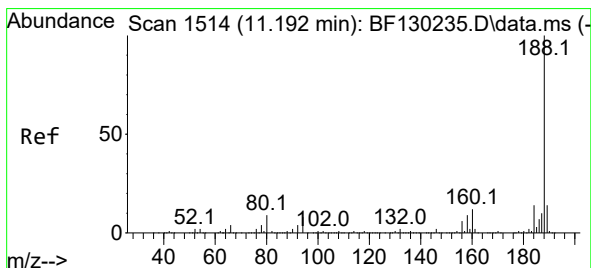
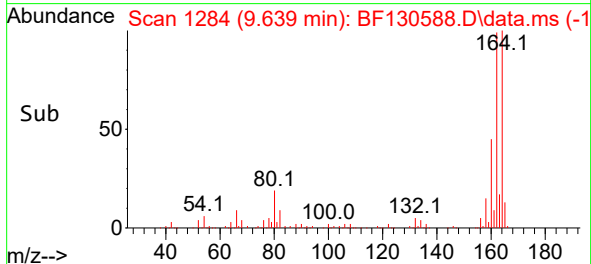
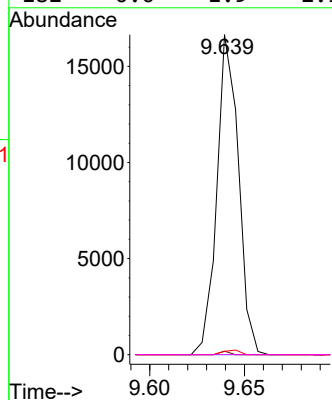
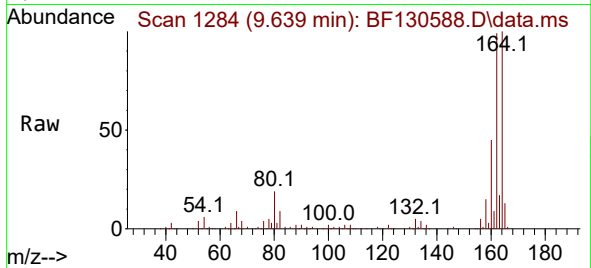




#57
2,4-Dinitrotoluene
Concen: 6.712 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

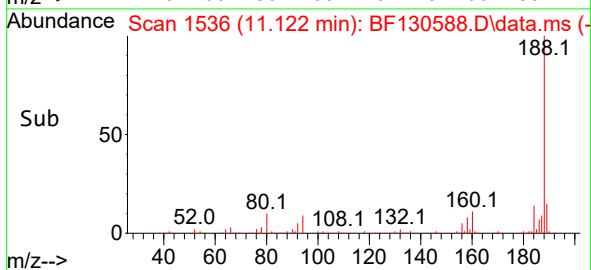
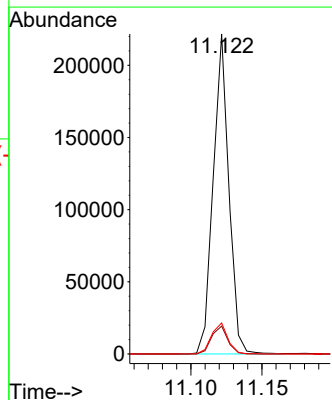
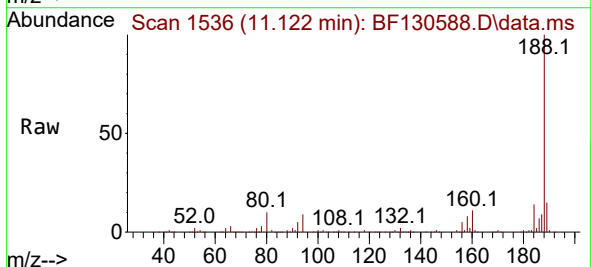
Instrument :
BNA_F
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R-12

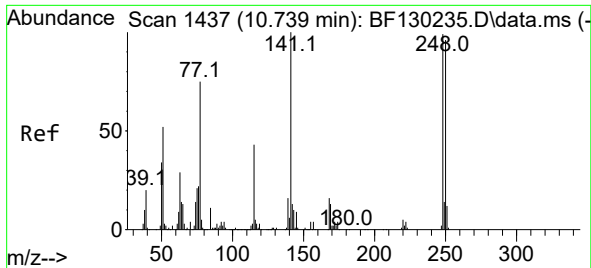
Tgt Ion:165	Resp:	13212
Ion Ratio	Lower	Upper
165	100	
63	1.1	44.7 67.1#
89	1.1	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

Tgt Ion:188	Resp:	169599
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.4 11.2
80	9.7	7.9 11.9

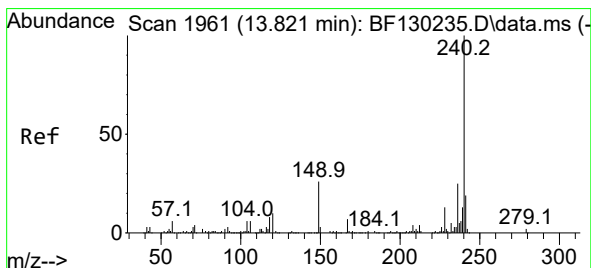
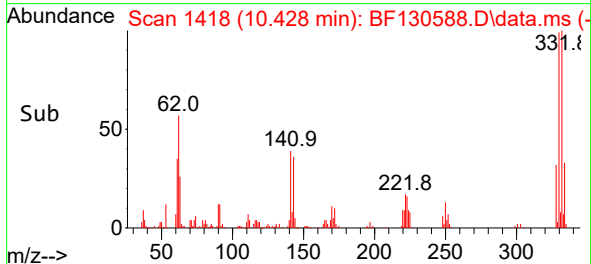
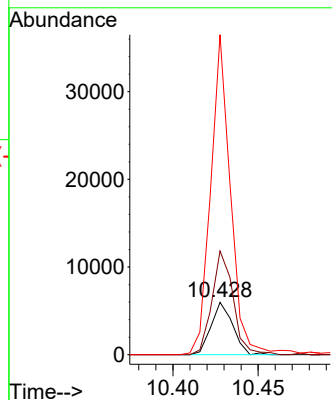
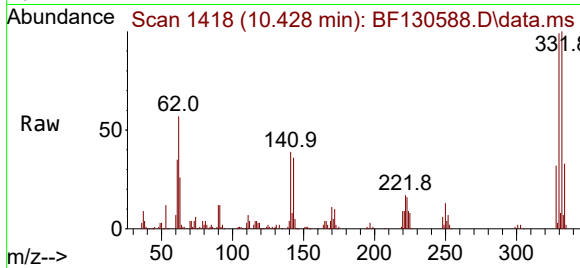




#67
4-Bromophenyl-phenylether
Concen: 2.823 ng
RT: 10.428 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

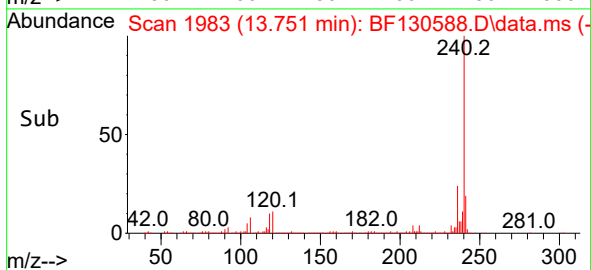
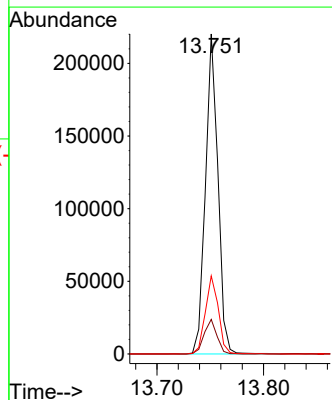
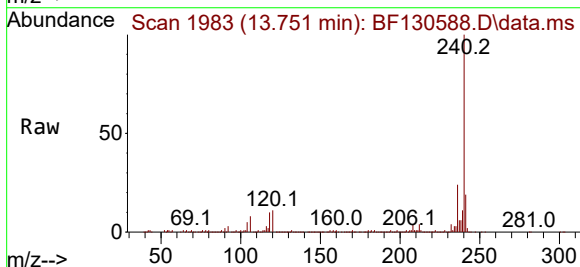
Instrument :
BNA_F
ClientSampleId :
R-12

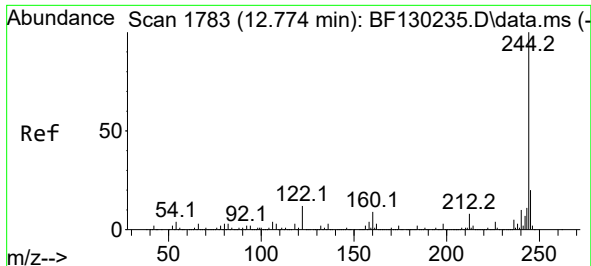
Tgt Ion:248 Resp: 5281
Ion Ratio Lower Upper
248 100
250 198.0 80.0 120.0#
141 610.6 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130588.D
Acq: 07 Oct 2022 22:30

Tgt Ion:240 Resp: 179479
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 24.4 20.9 31.3

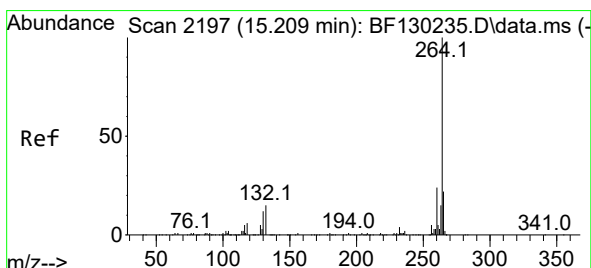
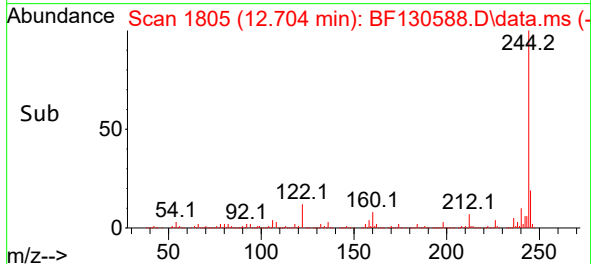
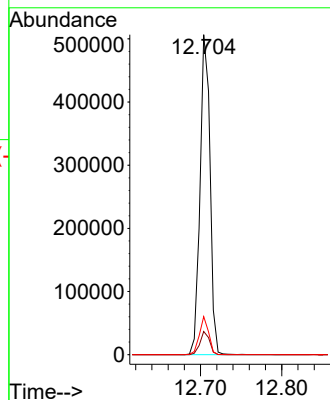
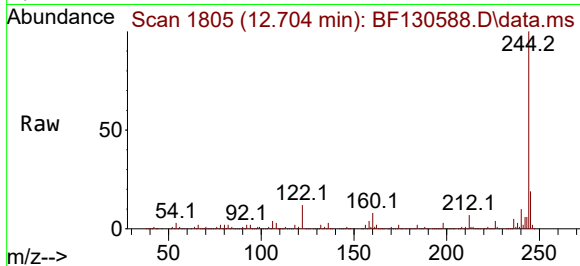




#79
 Terphenyl-d14
 Concen: 40.044 ng
 RT: 12.704 min Scan# 1805
 Delta R.T. -0.012 min
 Lab File: BF130588.D
 Acq: 07 Oct 2022 22:30

Instrument :
 BNA_F
 ClientSampleId :
 R-12

Tgt Ion:244 Resp: 433874
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.012 min
 Lab File: BF130588.D
 Acq: 07 Oct 2022 22:30

Tgt Ion:264 Resp: 159969
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.2 17.0 25.4

