

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130494.D
 Acq On : 03 Oct 2022 12:51
 Operator : CG\JU
 Sample : PB148034BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148034BL

Quant Time: Oct 04 03:13:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

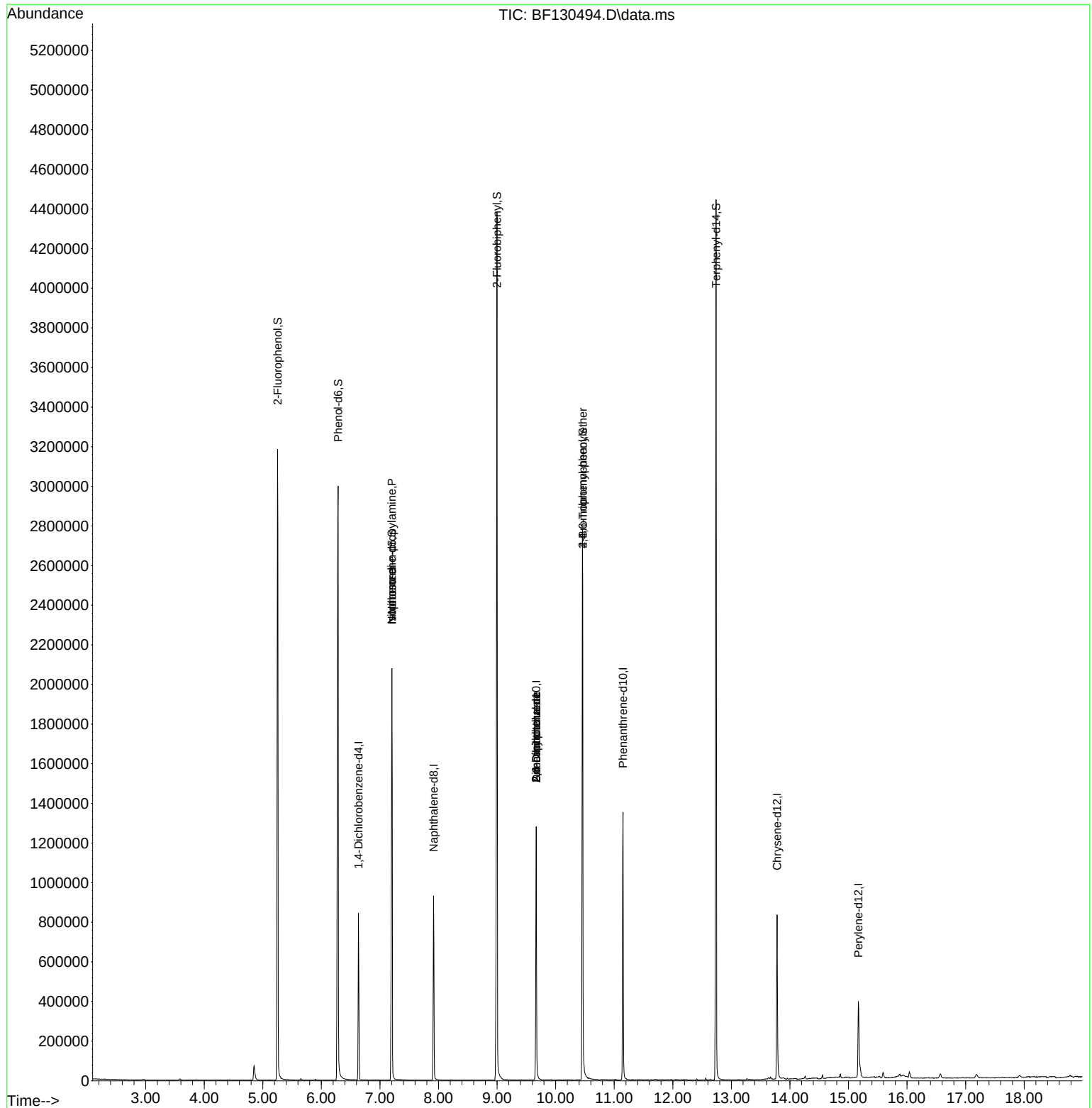
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	104293	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	437180	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	265059	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	474834	20.000	ng	0.00
76) Chrysene-d12	13.780	240	284514	20.000	ng	-0.01
86) Perylene-d12	15.168	264	192635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	915059	152.181	ng	0.00
7) Phenol-d6	6.287	99	1167951	155.238	ng	0.00
23) Nitrobenzene-d5	7.204	82	789291	92.236	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	320640	126.248	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1370403	75.288	ng	-0.01
79) Terphenyl-d14	12.739	244	1458112	84.894	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	110896	21.844	ng	# 77
25) Isophorone	7.204	82	782853	56.760	ng	# 66
50) Dimethylphthalate	9.669	163	46940	2.564	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	33761	8.817	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	33761	6.899	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	20780	3.967	ng	# 1

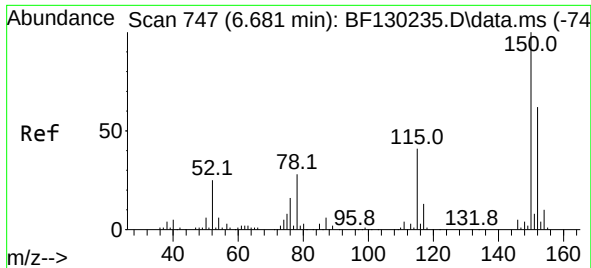
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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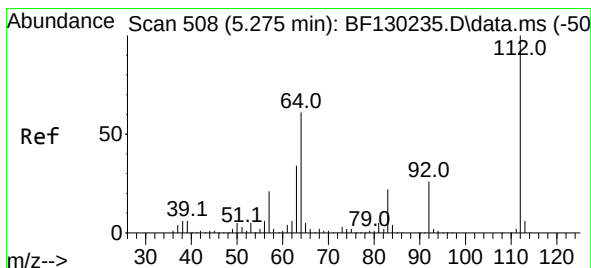
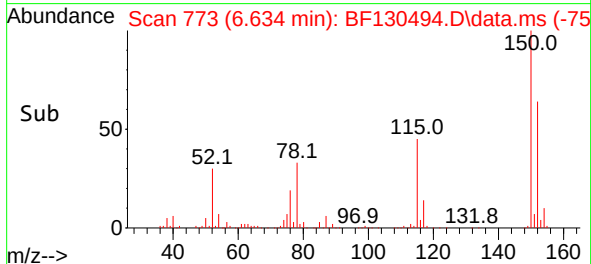
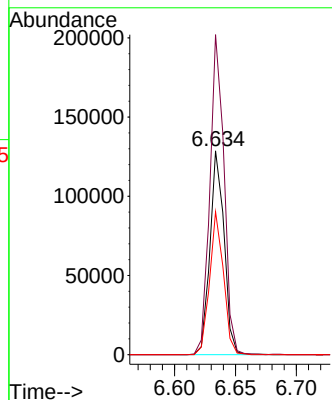
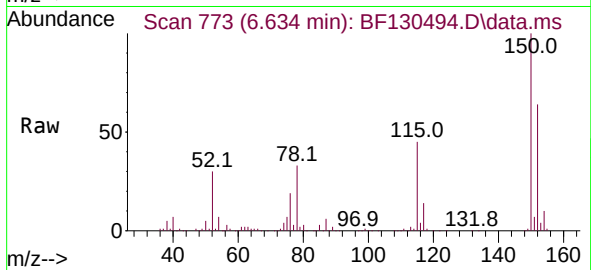




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

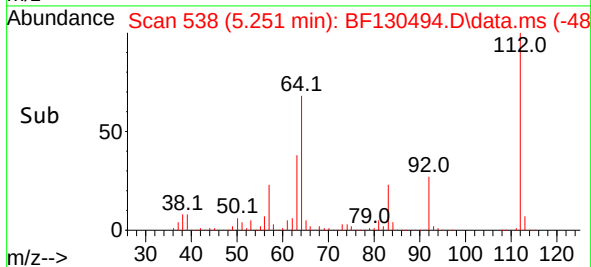
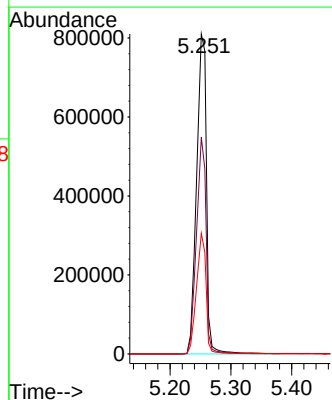
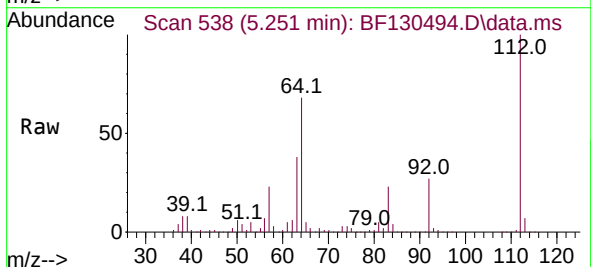
Instrument :
BNA_F
ClientSampleId :
PB148034BL

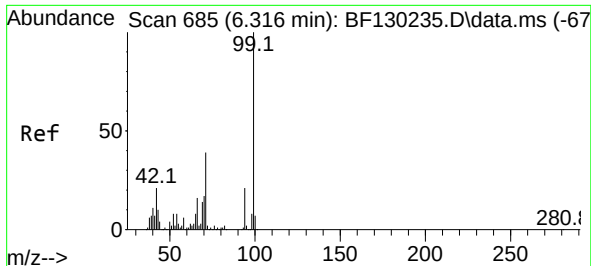
Tgt Ion:152 Resp: 104293
Ion Ratio Lower Upper
152 100
150 157.0 122.8 184.2
115 70.1 53.8 80.8



#5
2-Fluorophenol
Concen: 152.181 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion:112 Resp: 915059
Ion Ratio Lower Upper
112 100
64 67.8 51.4 77.0
63 37.7 28.8 43.2

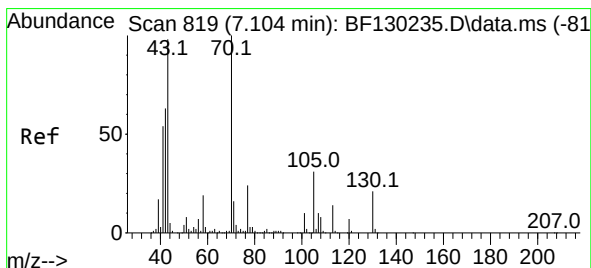
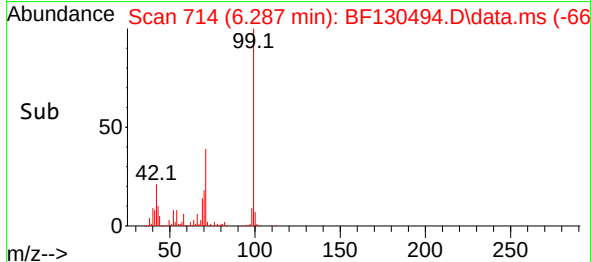
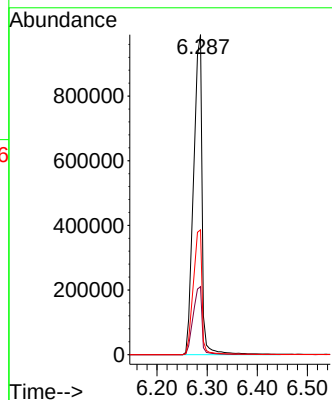
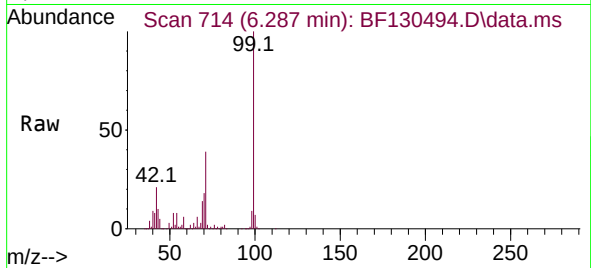




#7
Phenol-d6
Concen: 155.238 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

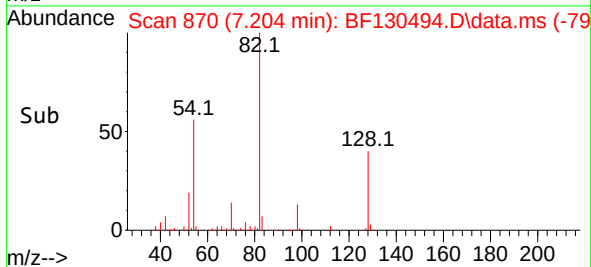
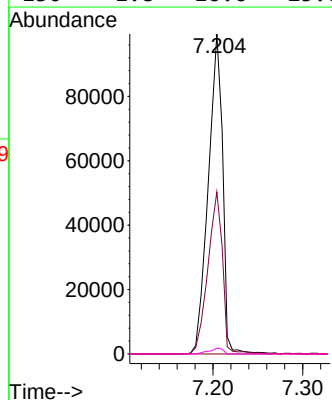
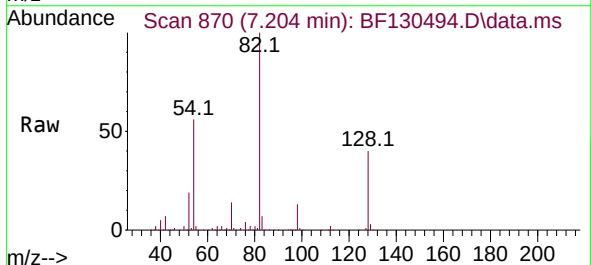
Instrument :
BNA_F
ClientSampleId :
PB148034BL

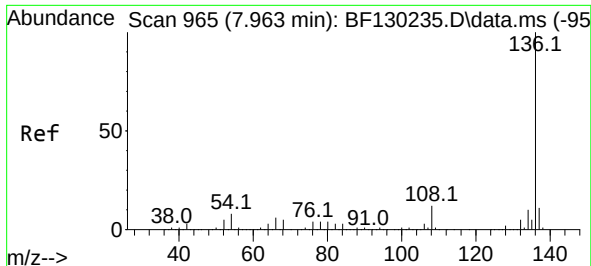
Tgt Ion: 99 Resp: 1167951
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 39.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.844 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion: 70 Resp: 110896
Ion Ratio Lower Upper
70 100
42 50.6 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#

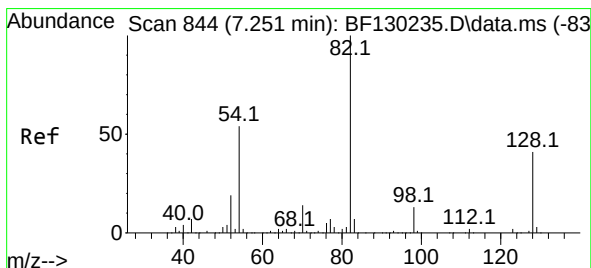
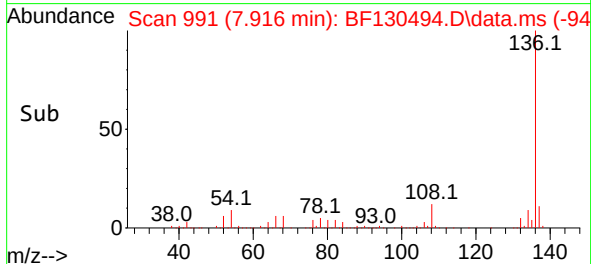
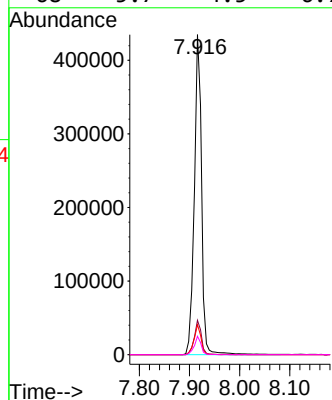
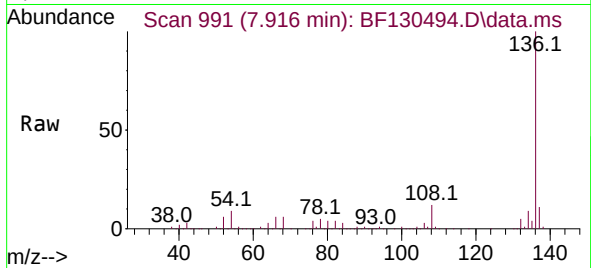




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

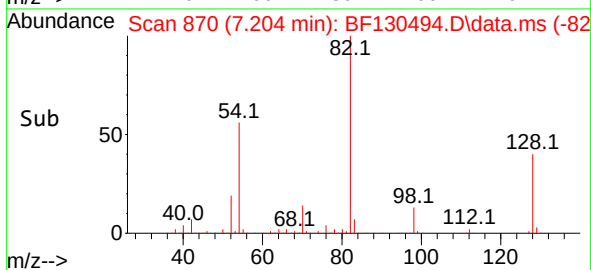
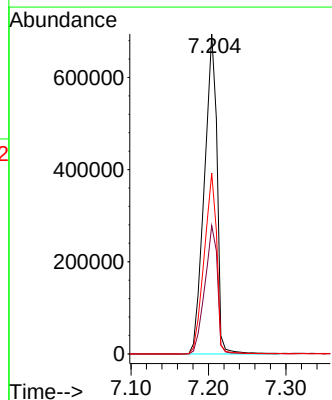
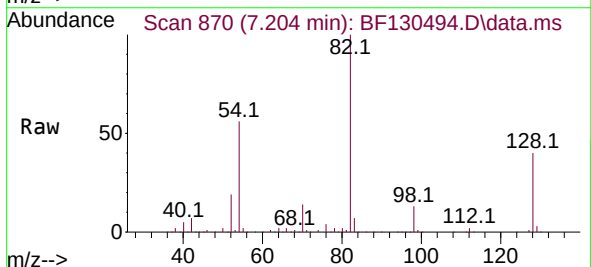
Instrument :
BNA_F
ClientSampleId :
PB148034BL

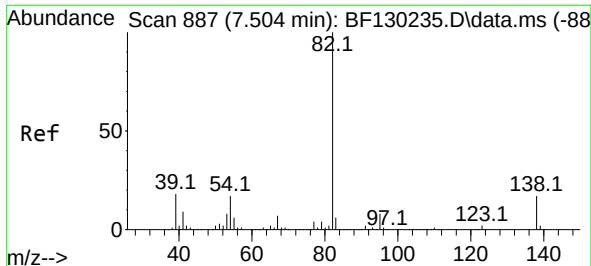
Tgt Ion:136 Resp: 437180
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 9.3 7.1 10.7
68 5.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 92.236 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion: 82 Resp: 789291
Ion Ratio Lower Upper
82 100
128 40.1 32.6 49.0
54 56.5 43.8 65.6

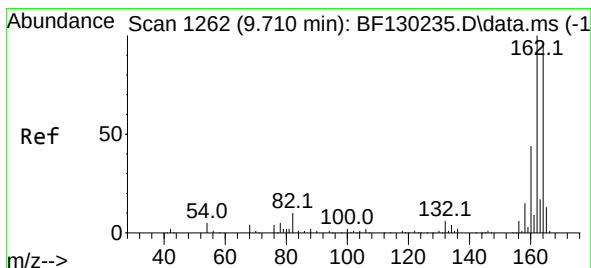
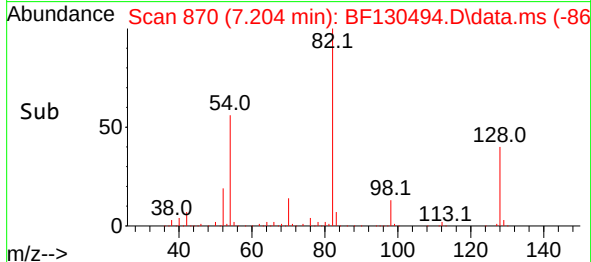
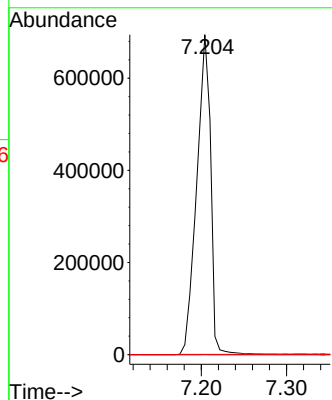
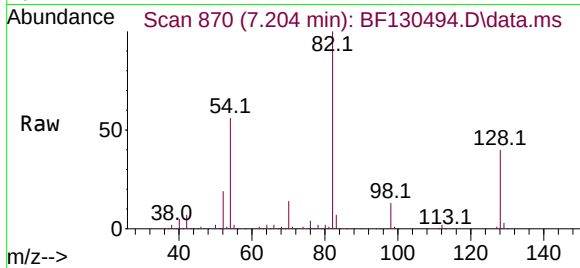




#25
Isophorone
Concen: 56.760 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

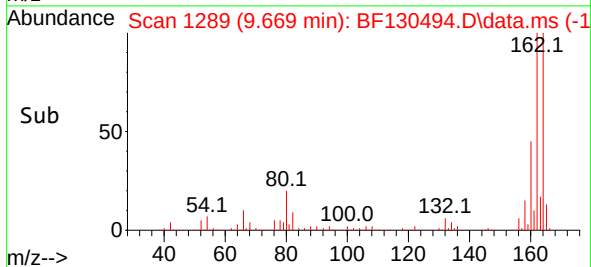
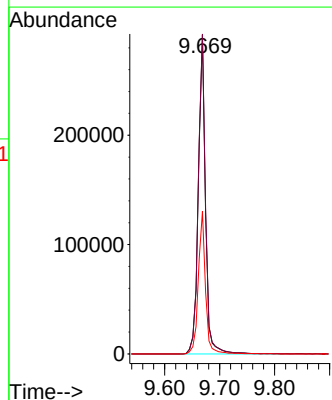
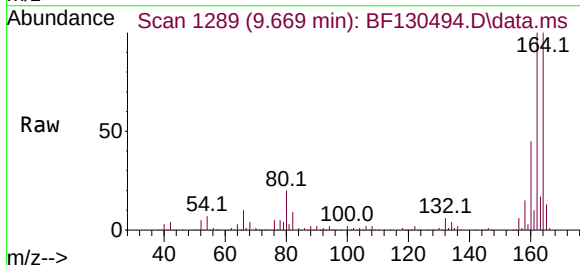
Instrument :
BNA_F
ClientSampleId :
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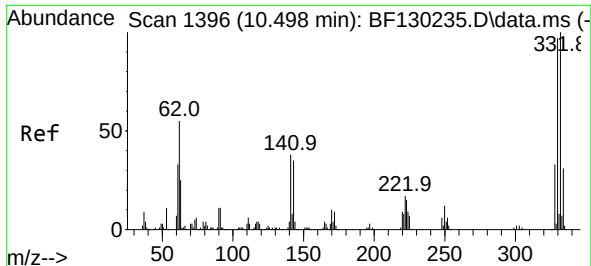
Tgt Ion: 82 Resp: 782853
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion: 164 Resp: 265059
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 126.248 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130494.D

Acq: 03 Oct 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB148034BL

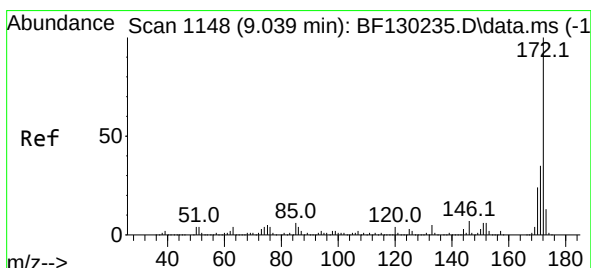
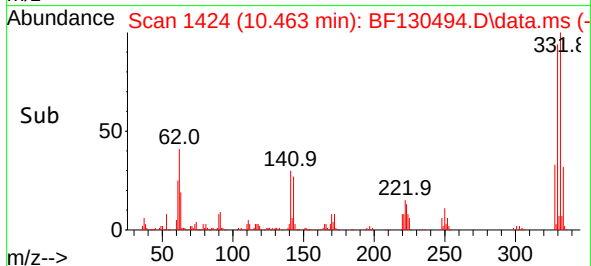
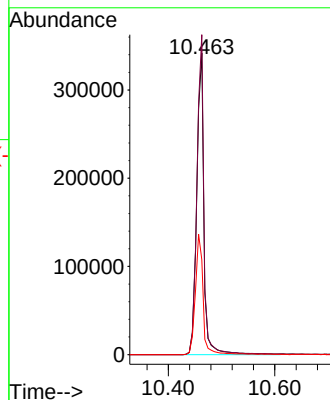
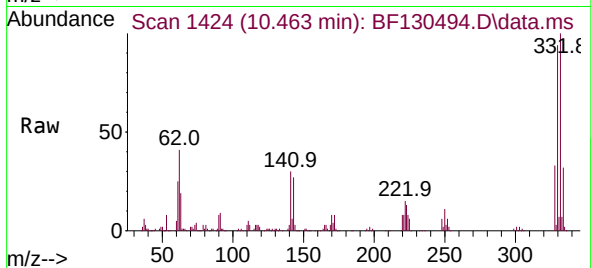
Tgt Ion:330 Resp: 320640

Ion Ratio Lower Upper

330 100

332 104.5 83.4 125.2

141 42.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 75.288 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130494.D

Acq: 03 Oct 2022 12:51

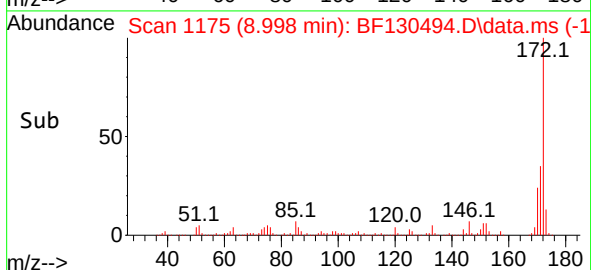
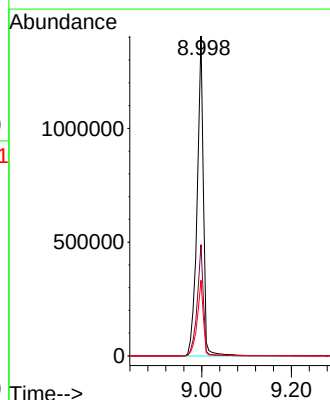
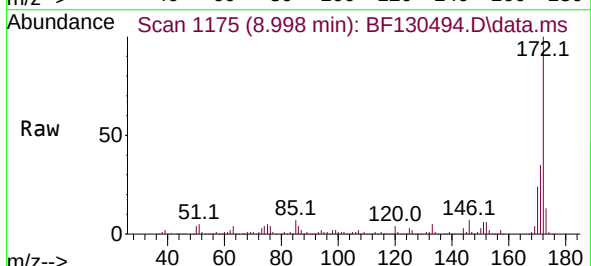
Tgt Ion:172 Resp: 1370403

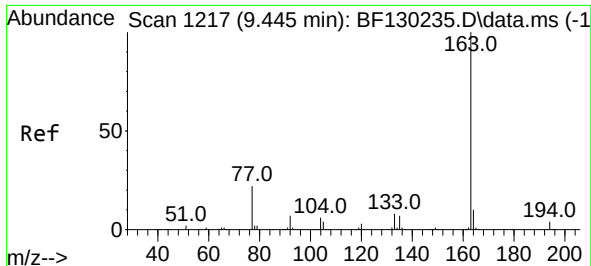
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.6 18.7 28.1

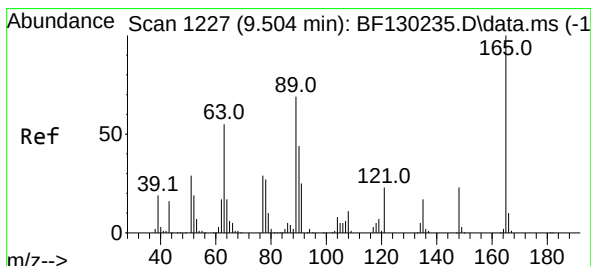
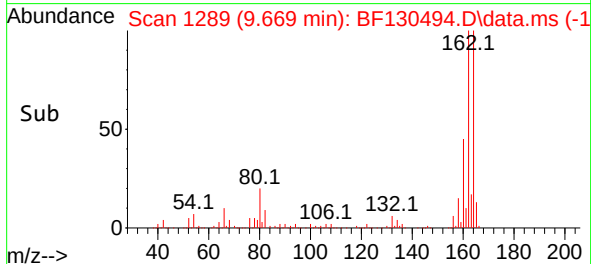
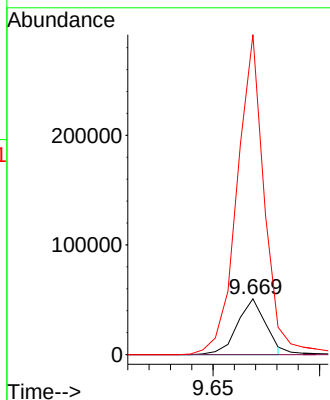
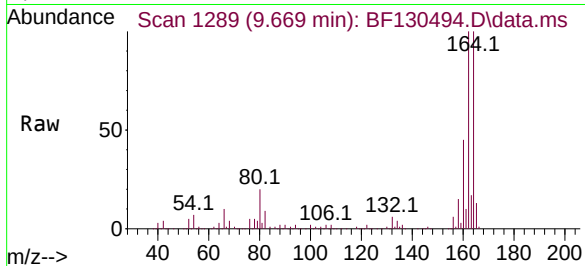




#50
Dimethylphthalate
Concen: 2.564 ng
RT: 9.669 min Scan# 1217
Delta R.T. 0.253 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

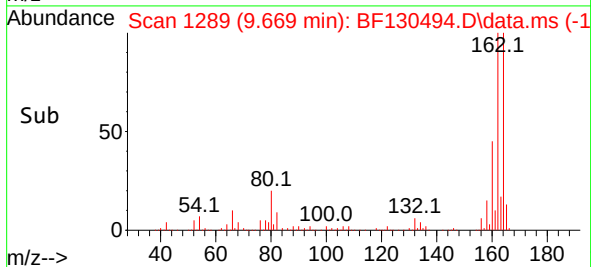
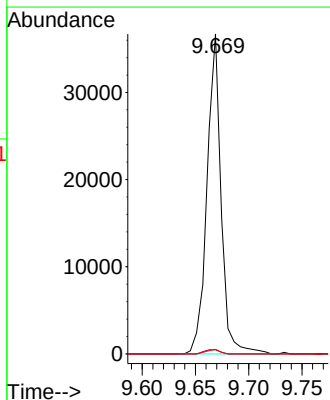
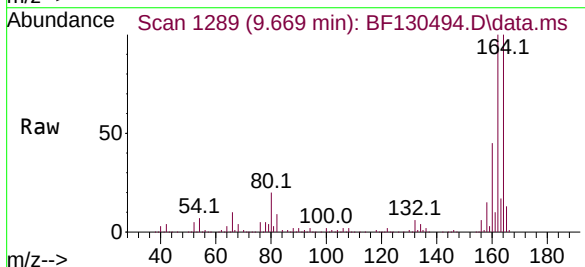
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ClientSampleId :
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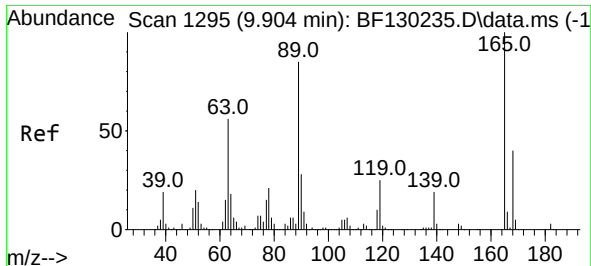
Tgt Ion:163 Resp: 46940
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 573.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.817 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion:165 Resp: 33761
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.4 54.5 81.7#

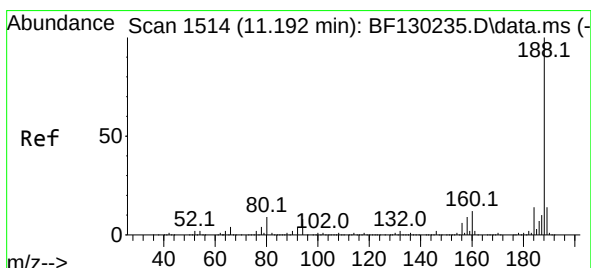
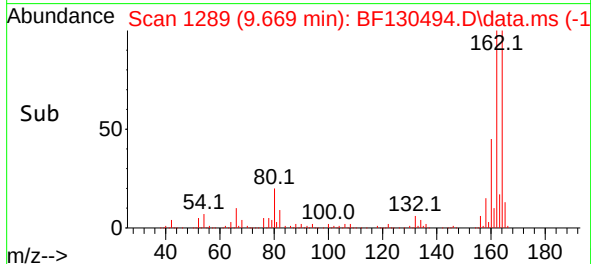
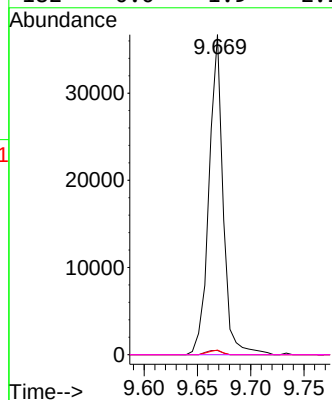
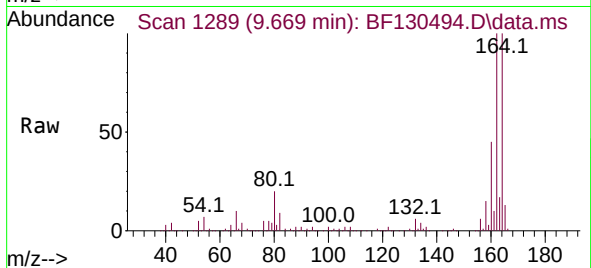




#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.669 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

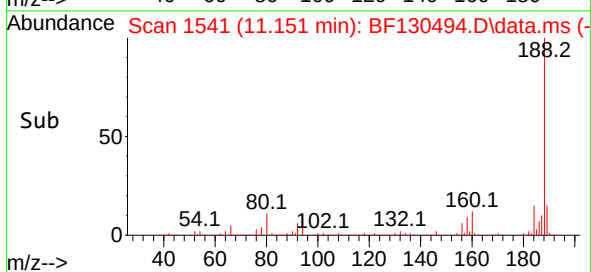
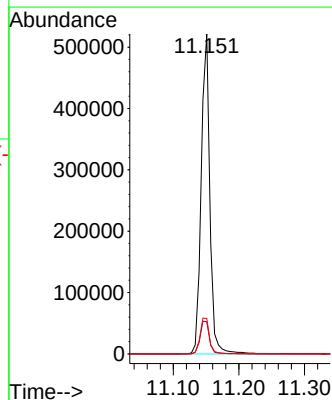
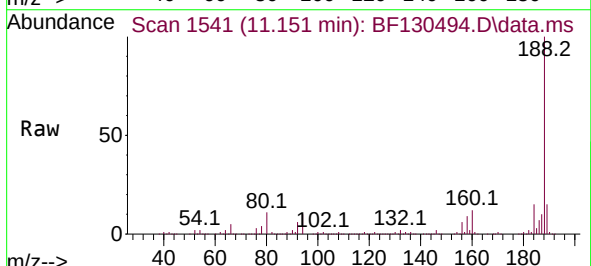
Instrument :
BNA_F
ClientSampleId :
PB148034BL

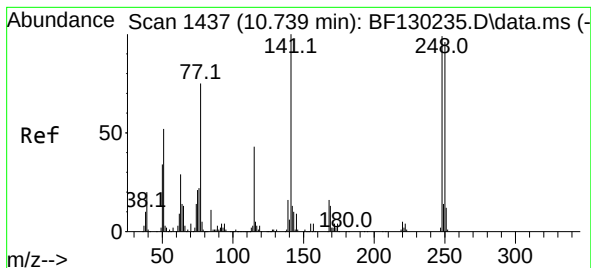
Tgt Ion:165	Resp:	33761
Ion Ratio	Lower	Upper
165	100	
63	1.3	44.7 67.1#
89	1.4	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

Tgt Ion:188	Resp:	474834
Ion Ratio	Lower	Upper
188	100	
94	10.0	7.4 11.2
80	11.1	7.9 11.9

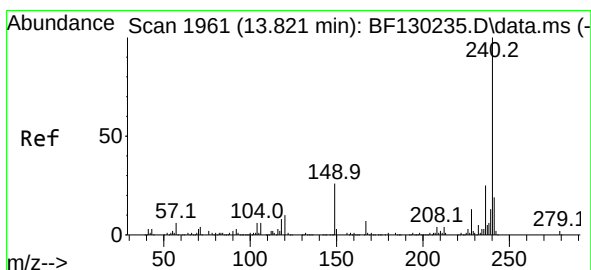
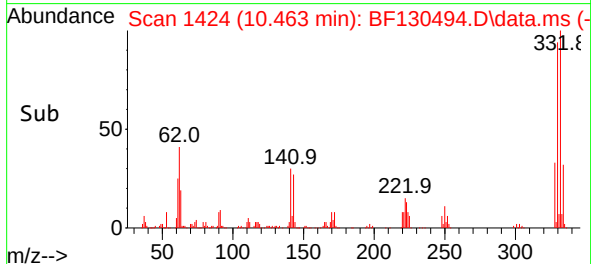
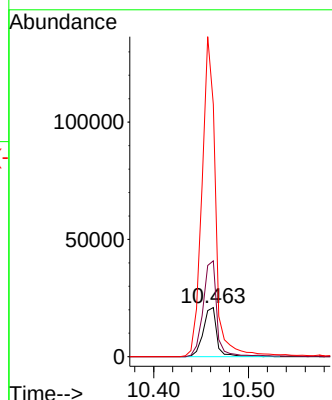
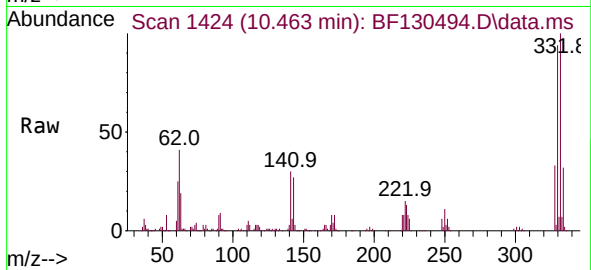




#67
4-Bromophenyl-phenylether
Concen: 3.967 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

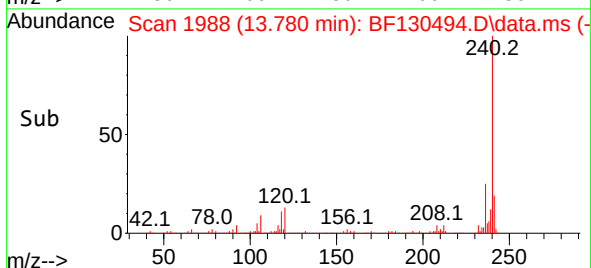
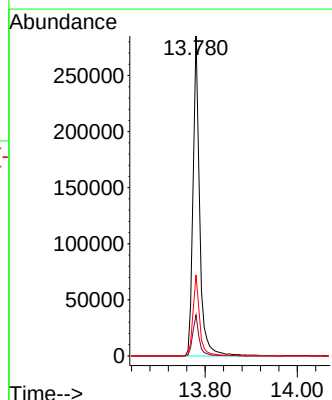
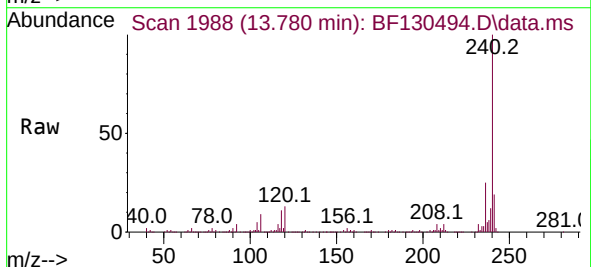
Instrument :
BNA_F
ClientSampleId :
PB148034BL

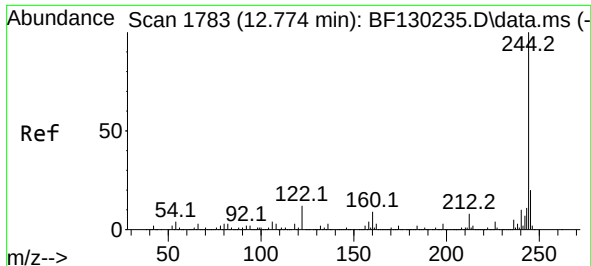
Tgt Ion:248 Resp: 20780
Ion Ratio Lower Upper
248 100
250 195.2 80.0 120.0#
141 514.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130494.D
Acq: 03 Oct 2022 12:51

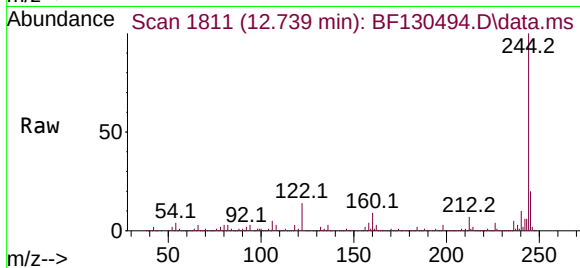
Tgt Ion:240 Resp: 284514
Ion Ratio Lower Upper
240 100
120 12.7 8.7 13.1
236 25.3 20.9 31.3



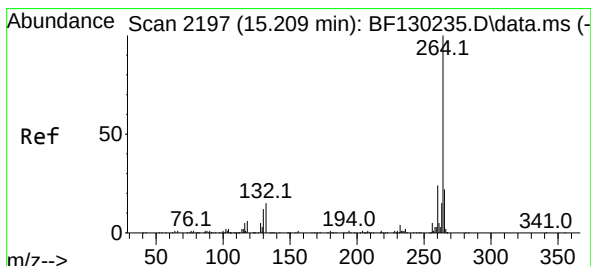
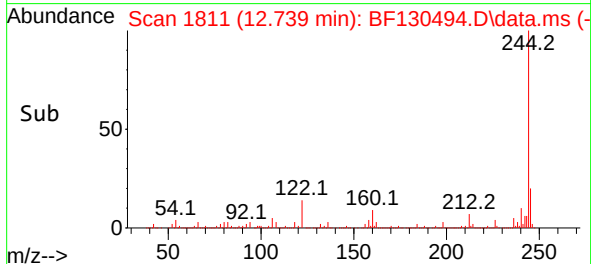
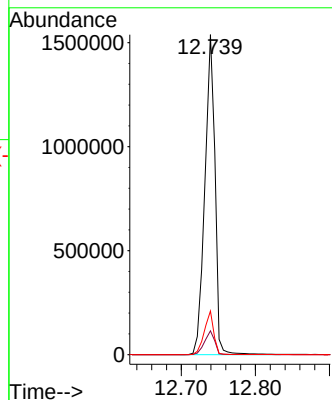


#79
 Terphenyl-d14
 Concen: 84.894 ng
 RT: 12.739 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF130494.D
 Acq: 03 Oct 2022 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB148034BL



Tgt Ion:244 Resp: 1458112
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 13.6 8.5 12.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130494.D
 Acq: 03 Oct 2022 12:51

Tgt Ion:264 Resp: 192635
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 20.8 17.0 25.4

