

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130699.D
 Acq On : 18 Oct 2022 15:40
 Operator : CG\JU
 Sample : N5164-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 588A-1

Quant Time: Oct 18 16:03:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

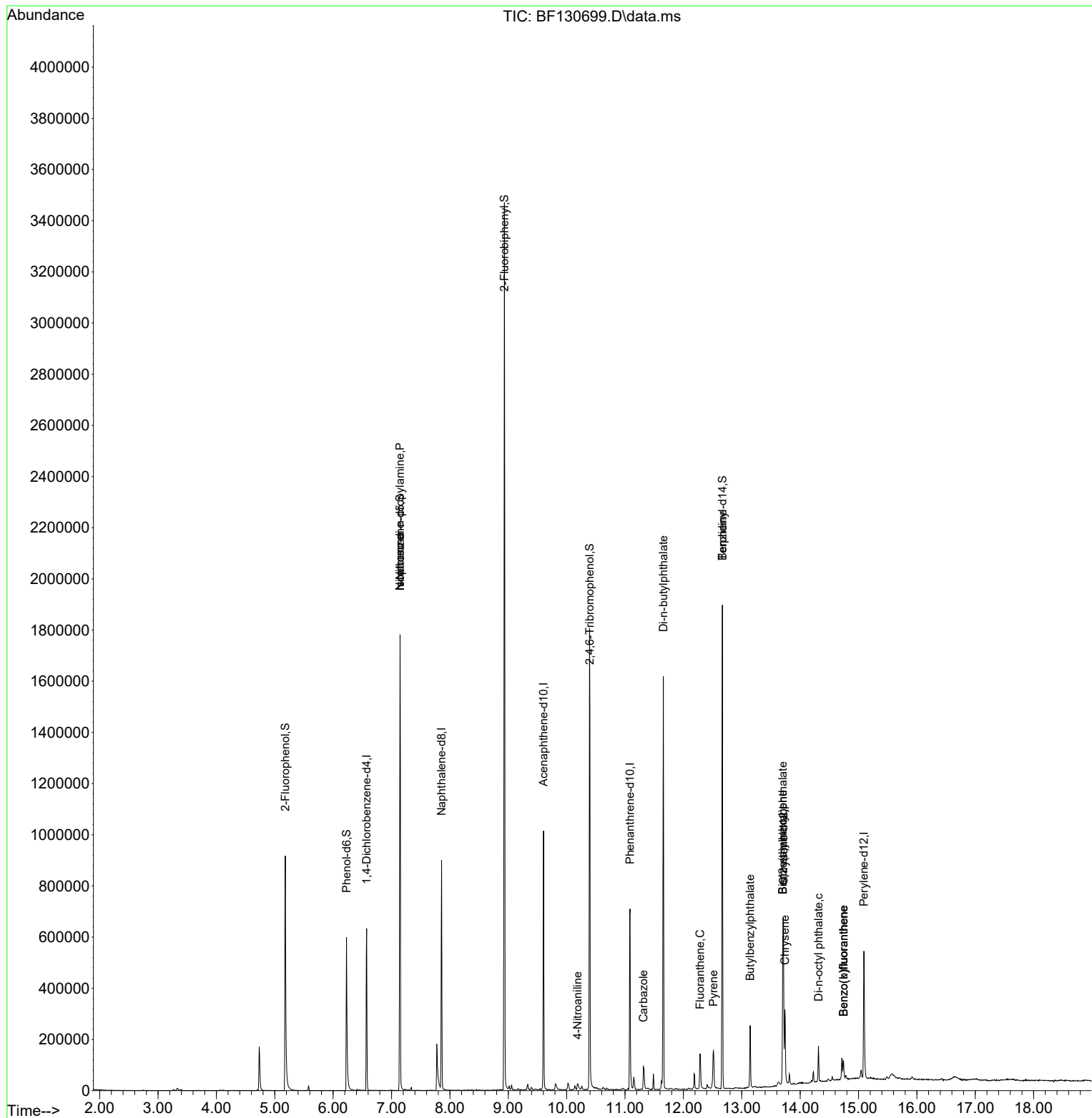
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	94657	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	362075	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	182190	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	264500	20.000	ng	0.00
76) Chrysene-d12	13.715	240	144914	20.000	ng	0.00
86) Perylene-d12	15.092	264	205021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	303450	57.786	ng	0.01
7) Phenol-d6	6.228	99	219276	33.212	ng	0.00
23) Nitrobenzene-d5	7.145	82	581809	87.720	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	227595	127.667	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	1062232	88.315	ng	0.00
79) Terphenyl-d14	12.669	244	585602	67.070	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.145	70	77885	18.284	ng	Qvalue # 76
25) Isophorone	7.145	82	581805	52.705	ng	# 64
62) 4-Nitroaniline	10.186	138	8405	2.903	ng	95
73) Carbazole	11.316	167	59406	4.652	ng	98
74) Di-n-butylphthalate	11.657	149	761105	49.200	ng	100
75) Fluoranthene	12.286	202	80064	5.685	ng	98
77) Benzidine	12.669	184	8022	2.190	ng	# 93
78) Pyrene	12.516	202	93061	7.444	ng	99
80) Butylbenzylphthalate	13.145	149	57803	12.024	ng	95
81) Benzo(a)anthracene	13.704	228	128814	13.192	ng	100
83) Chrysene	13.739	228	136348	14.728	ng	99
84) Bis(2-ethylhexyl)phtha...	13.704	149	73811	12.665	ng	99
85) Di-n-octyl phthalate	14.315	149	70710	7.922	ng	# 99
88) Benzo(b)fluoranthene	14.745	252	35732	2.752	ng	98
89) Benzo(k)fluoranthene	14.745	252	35732	2.703	ng	99

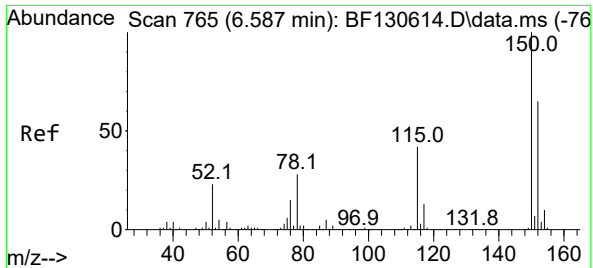
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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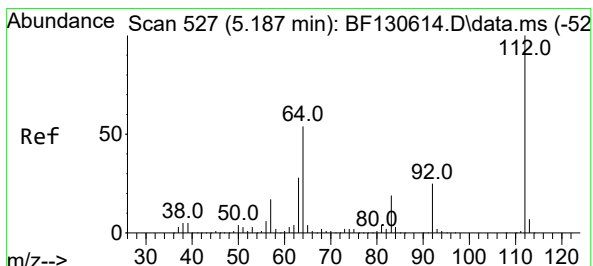
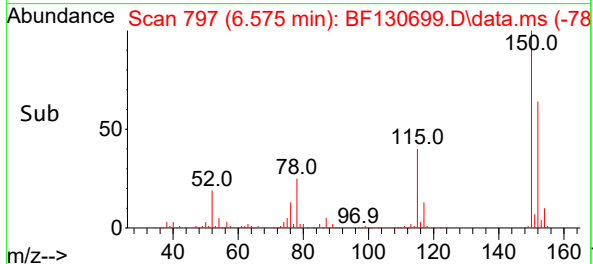
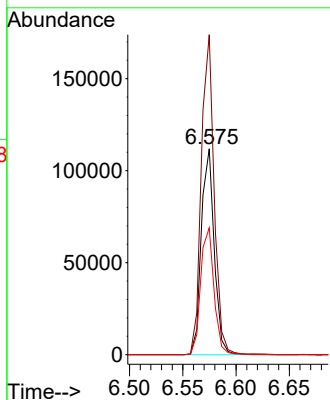
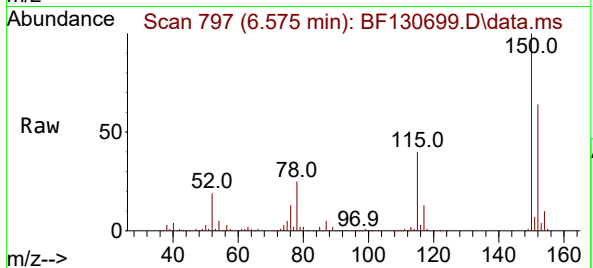




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

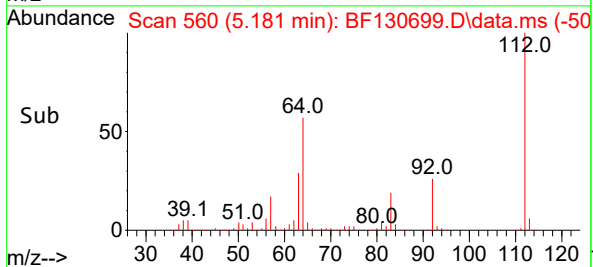
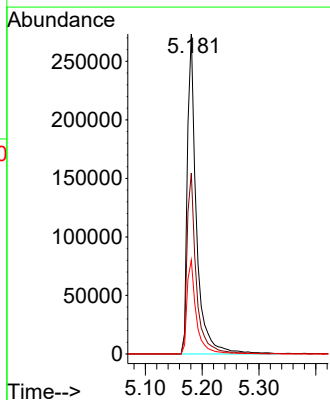
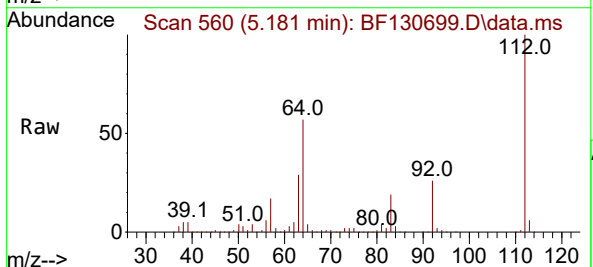
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BNA_F
ClientSampleId :
588A-1

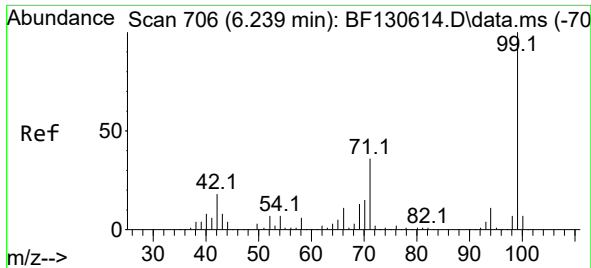
Tgt Ion:152 Resp: 94657
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 61.6 52.2 78.4



#5
2-Fluorophenol
Concen: 57.786 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion:112 Resp: 303450
Ion Ratio Lower Upper
112 100
64 56.6 43.5 65.3
63 29.4 22.6 34.0

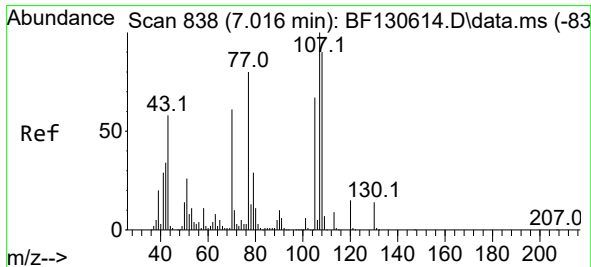
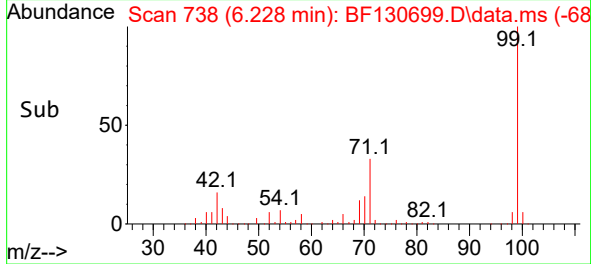
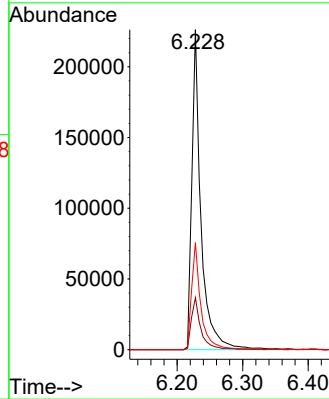
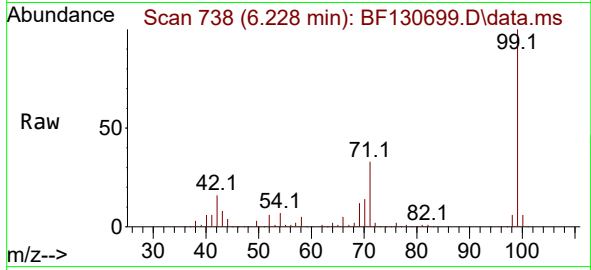




#7
Phenol-d6
Concen: 33.212 ng
RT: 6.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

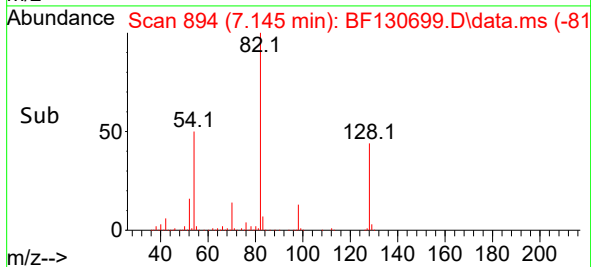
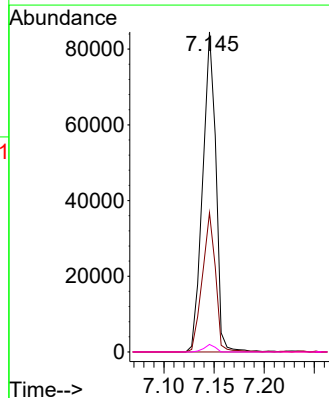
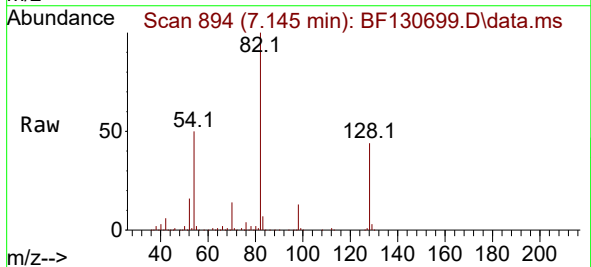
Instrument :
BNA_F
ClientSampleId :
588A-1

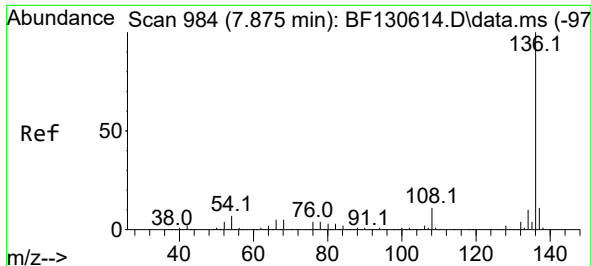
Tgt Ion: 99 Resp: 219276
Ion Ratio Lower Upper
99 100
42 16.3 14.0 21.0
71 33.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.284 ng
RT: 7.145 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion: 70 Resp: 77885
Ion Ratio Lower Upper
70 100
42 43.5 44.3 66.5#
101 0.0 7.9 11.9#
130 2.4 18.1 27.1#



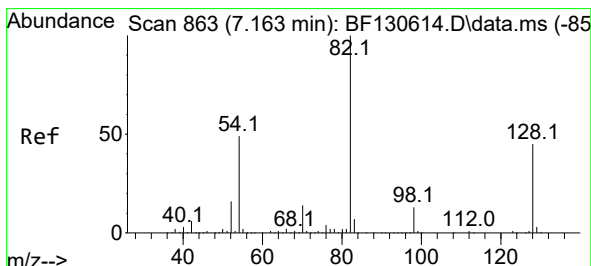
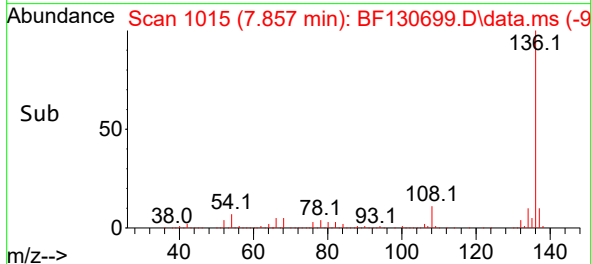
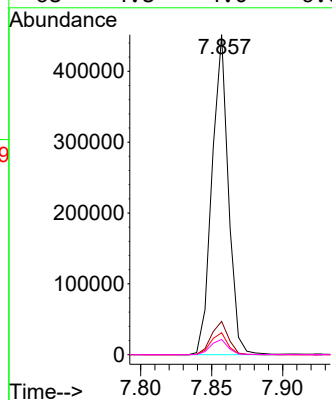
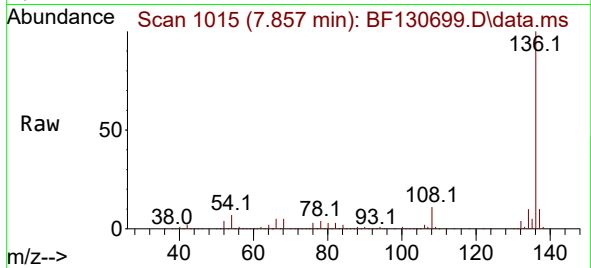


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Instrument :
BNA_F
ClientSampleId :
588A-1

Tgt Ion:136 Resp: 362075

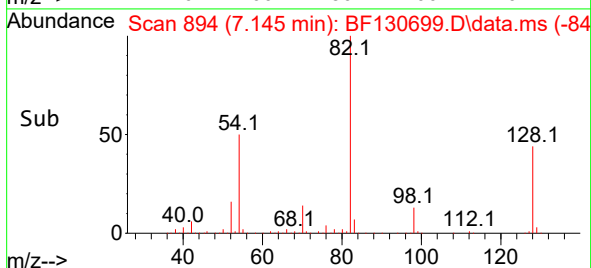
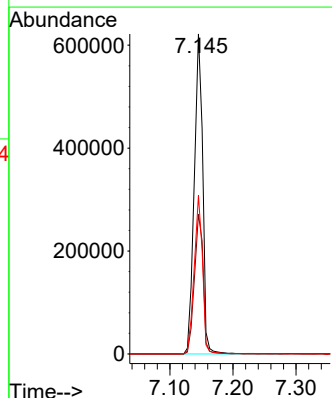
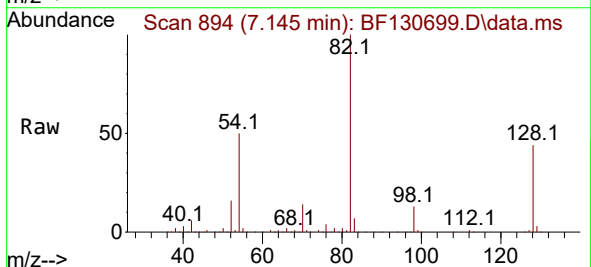
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	6.8	5.5	8.3
68	4.8	4.0	6.0

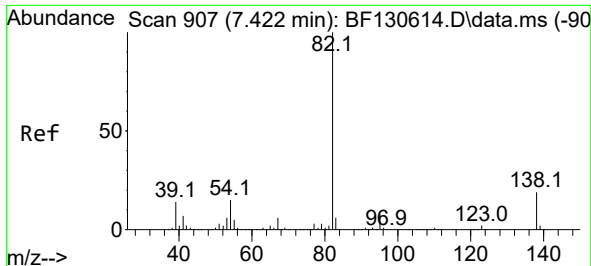


#23
Nitrobenzene-d5
Concen: 87.720 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion: 82 Resp: 581809

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.8	53.6
54	49.5	39.3	58.9

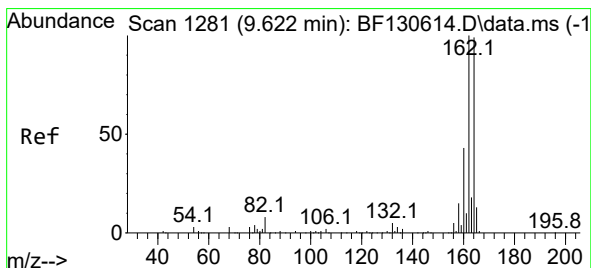
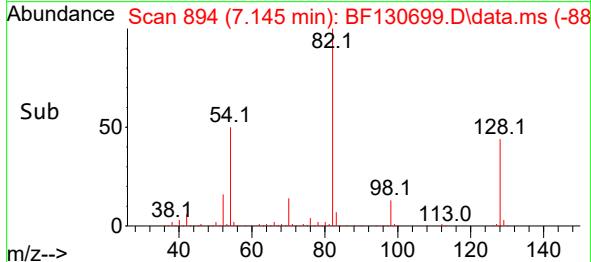
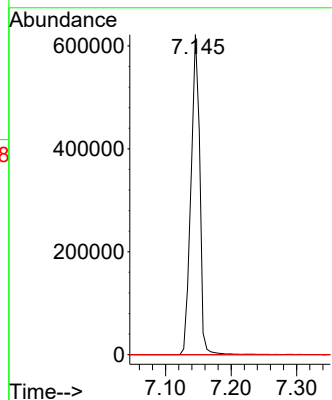
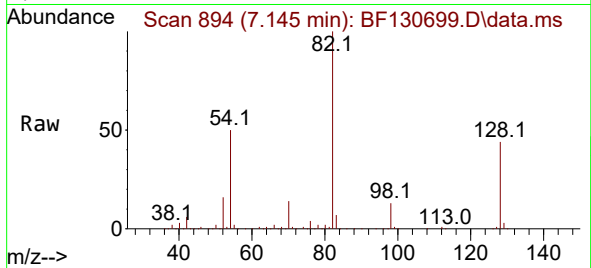




#25
Isophorone
Concen: 52.705 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

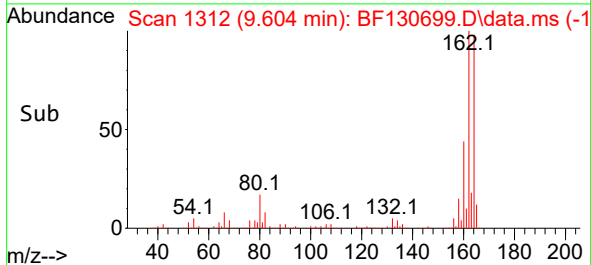
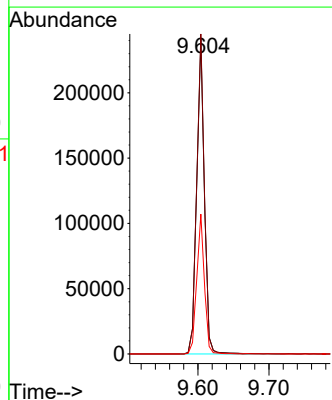
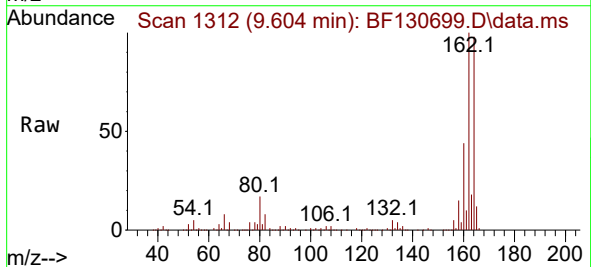
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ClientSampleId :
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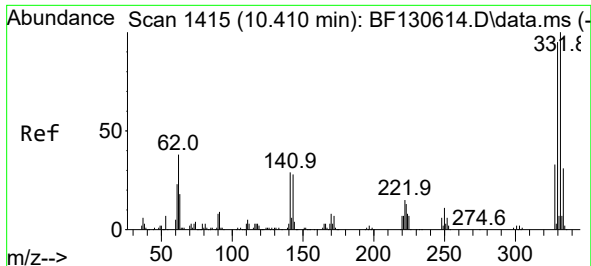
Tgt Ion: 82 Resp: 581805
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion:164 Resp: 182190
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 127.667 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130699.D

Acq: 18 Oct 2022 15:40

Instrument :

BNA_F

ClientSampleId :

588A-1

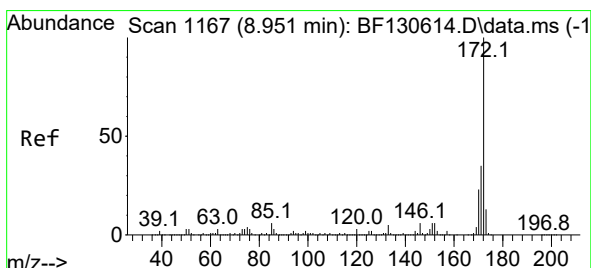
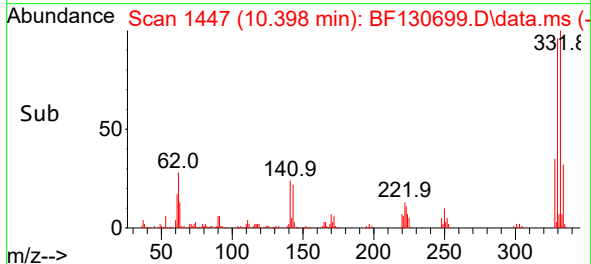
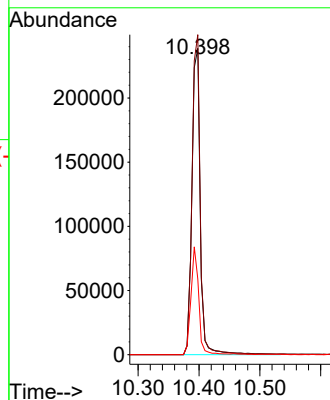
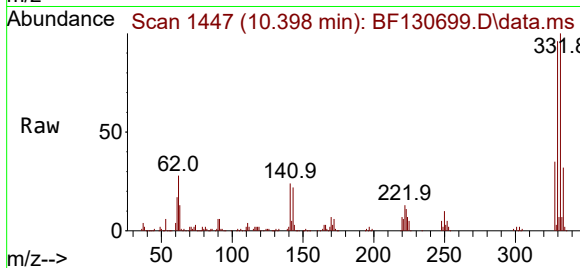
Tgt Ion:330 Resp: 227595

Ion Ratio Lower Upper

330 100

332 103.0 84.2 126.4

141 33.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 88.315 ng

RT: 8.933 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF130699.D

Acq: 18 Oct 2022 15:40

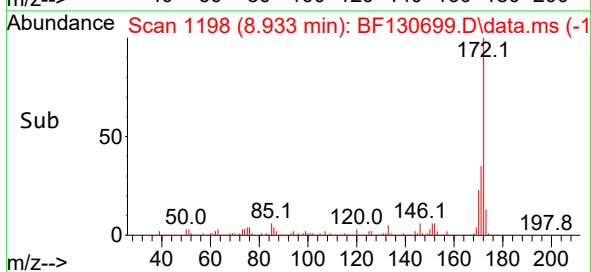
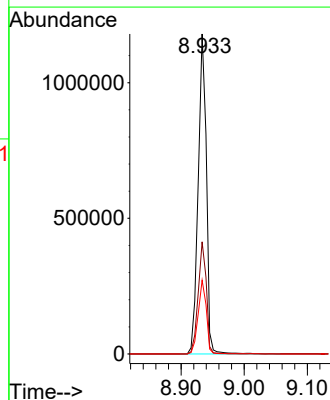
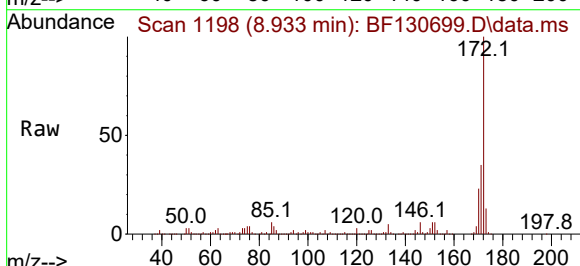
Tgt Ion:172 Resp: 1062232

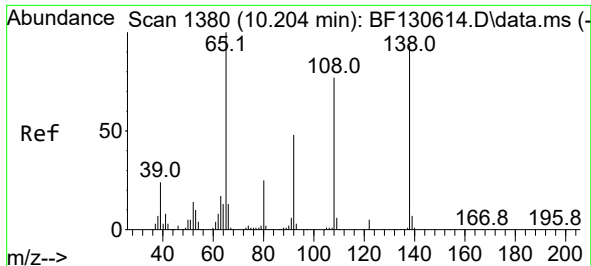
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.0 18.6 27.8

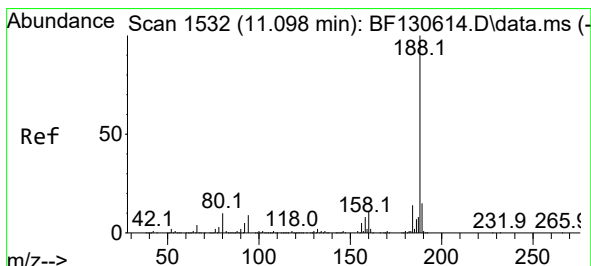
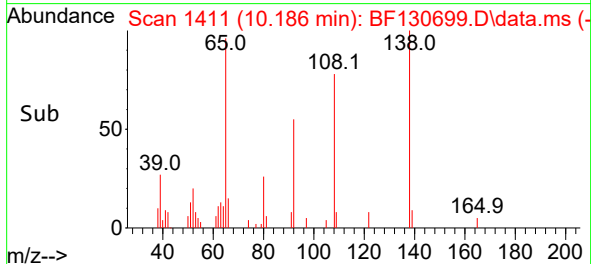
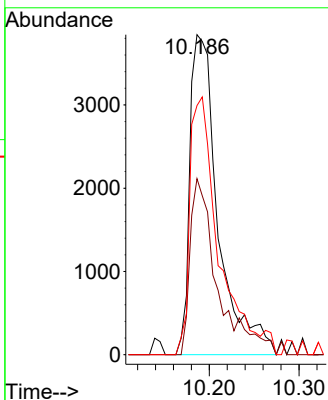
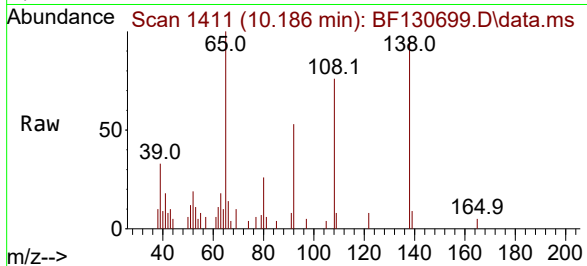




#62
4-Nitroaniline
Concen: 2.903 ng
RT: 10.186 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

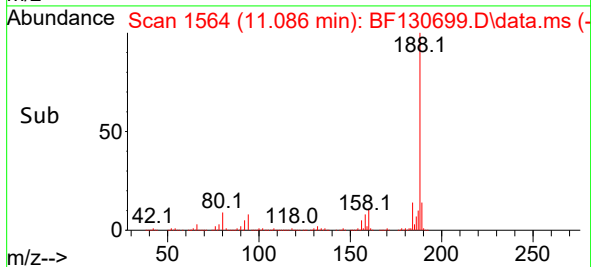
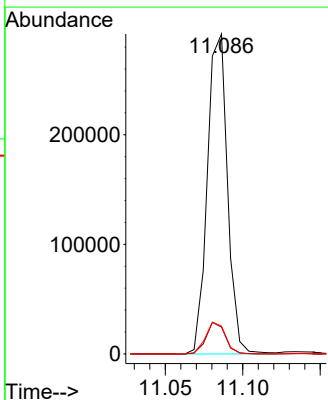
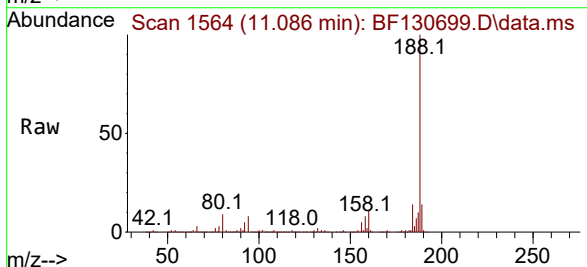
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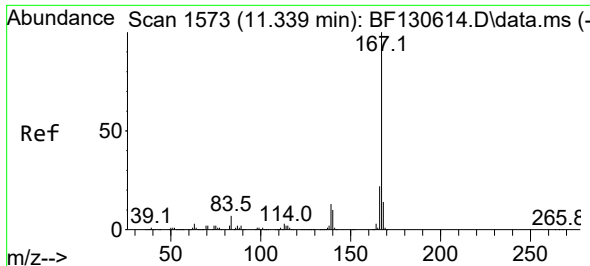
Tgt Ion:138 Resp: 8405
Ion Ratio Lower Upper
138 100
92 55.0 31.1 71.1
108 77.8 62.1 102.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion:188 Resp: 264500
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.7 8.0 12.0

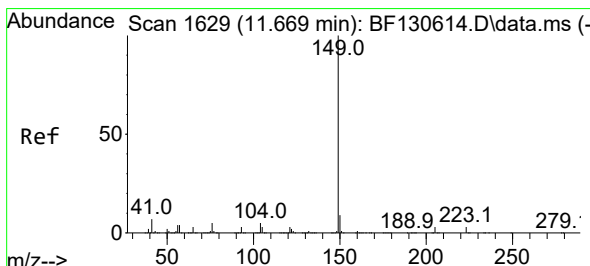
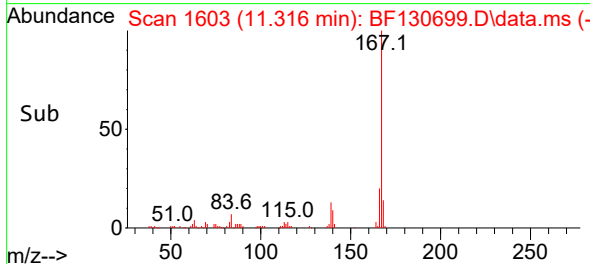
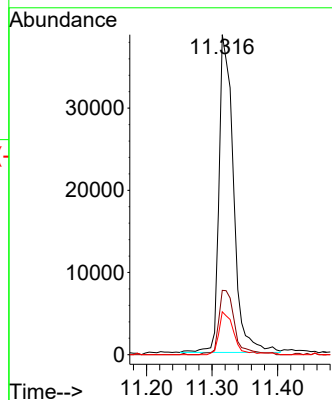
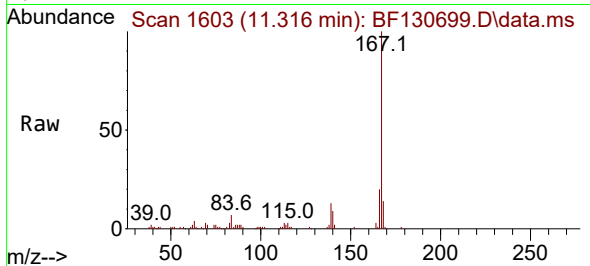




#73
 Carbazole
 Concen: 4.652 ng
 RT: 11.316 min Scan# 1603
 Delta R.T. -0.012 min
 Lab File: BF130699.D
 Acq: 18 Oct 2022 15:40

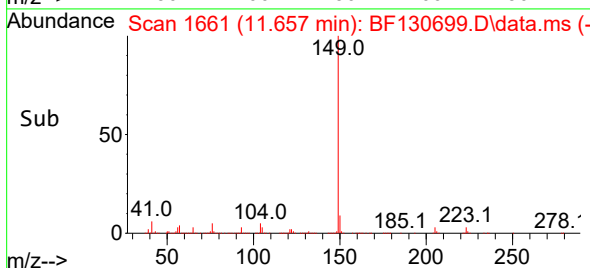
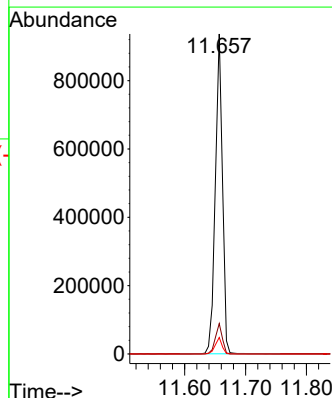
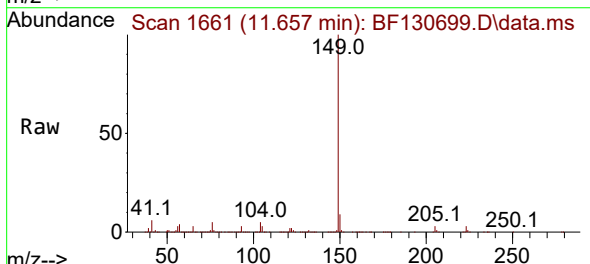
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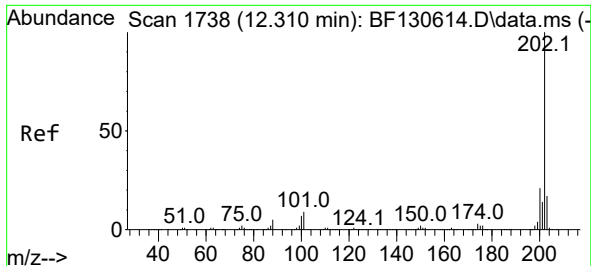
Tgt Ion:167 Resp: 59406
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.3 25.9
 139 13.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 49.200 ng
 RT: 11.657 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: BF130699.D
 Acq: 18 Oct 2022 15:40

Tgt Ion:149 Resp: 761105
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.1 4.2 6.2

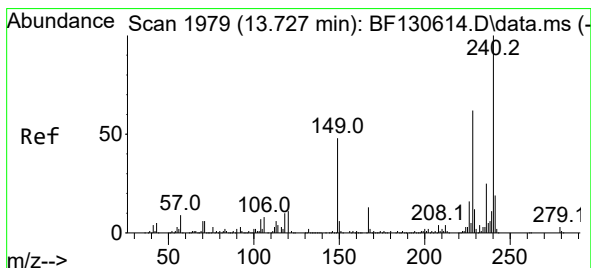
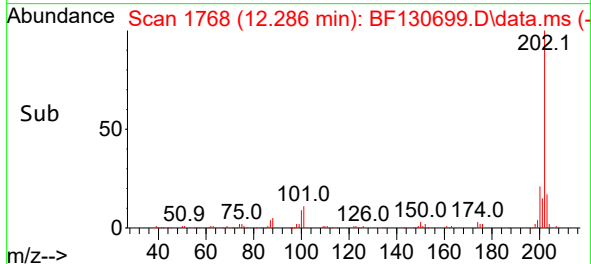
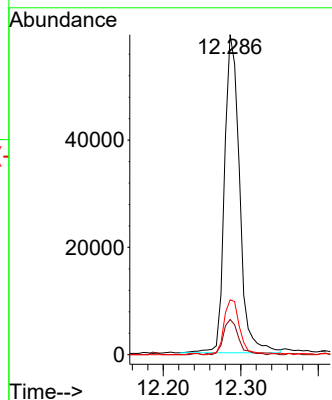
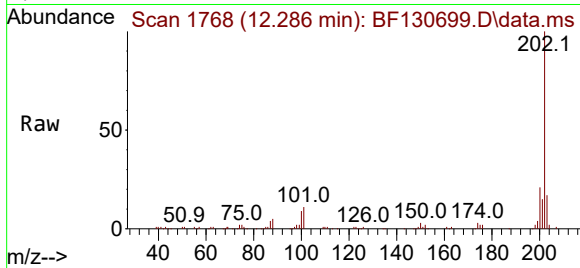




#75
Fluoranthene
Concen: 5.685 ng
RT: 12.286 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

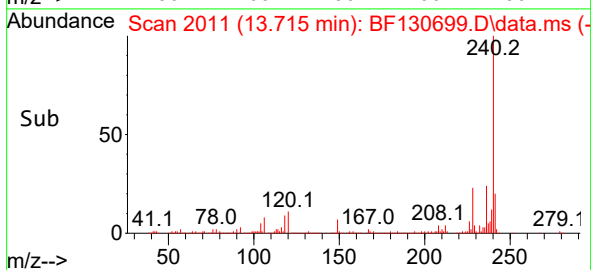
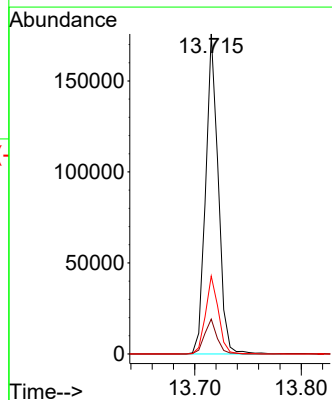
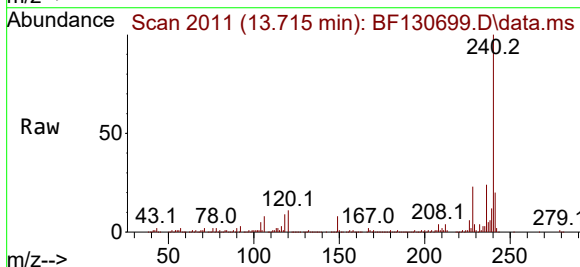
Instrument :
BNA_F
ClientSampleId :
588A-1

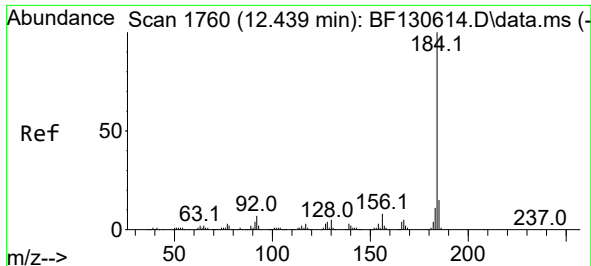
Tgt Ion:202 Resp: 80064
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.1
203 17.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion:240 Resp: 144914
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 24.4 20.2 30.4

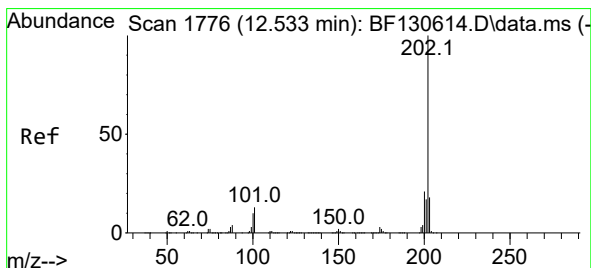
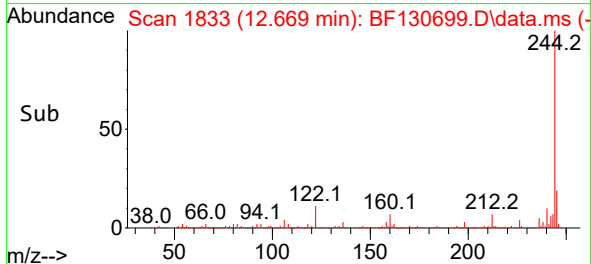
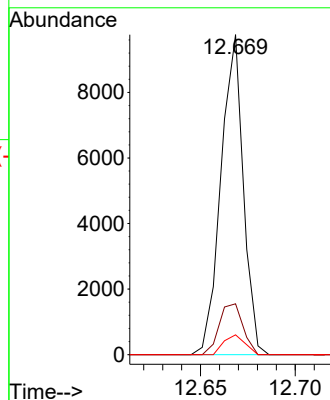
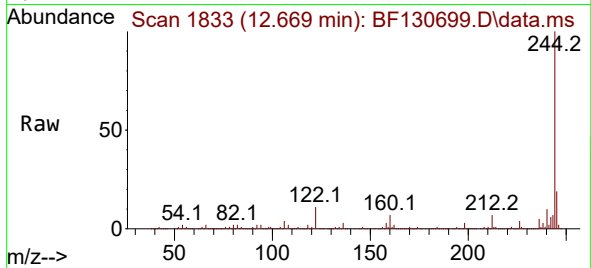




#77
Benzidine
Concen: 2.190 ng
RT: 12.669 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

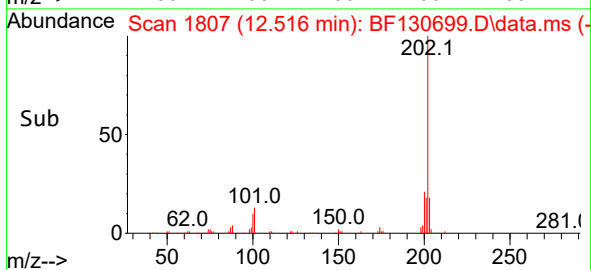
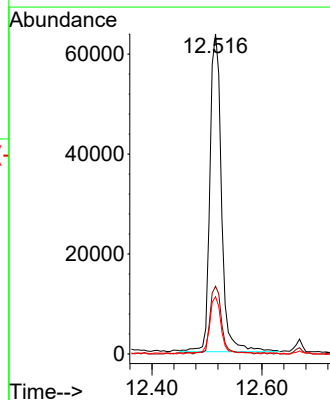
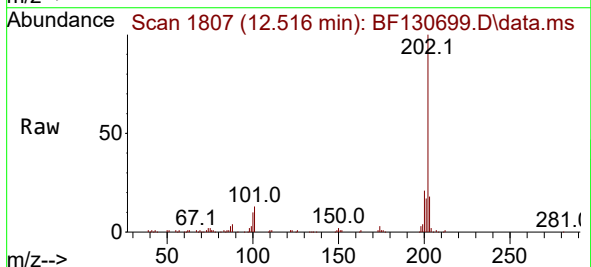
Instrument :
BNA_F
ClientSampleId :
588A-1

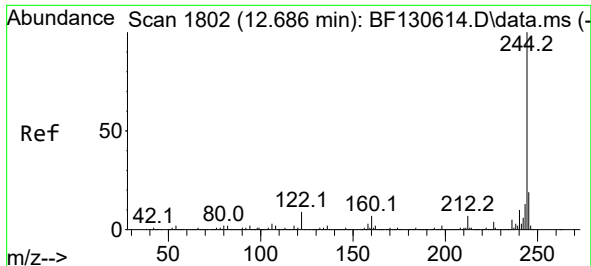
Tgt Ion:184 Resp: 8022
Ion Ratio Lower Upper
184 100
185 15.9 12.0 18.0
183 6.2 9.0 13.4#



#78
Pyrene
Concen: 7.444 ng
RT: 12.516 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion:202 Resp: 93061
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.9 14.0 21.0

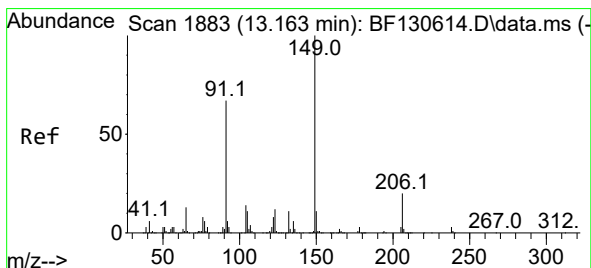
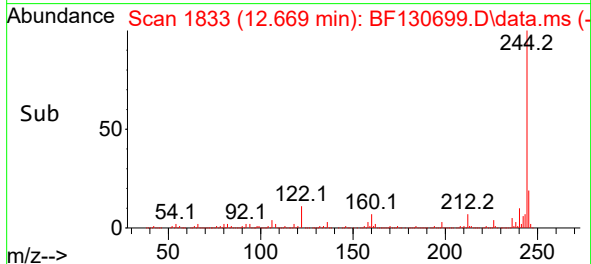
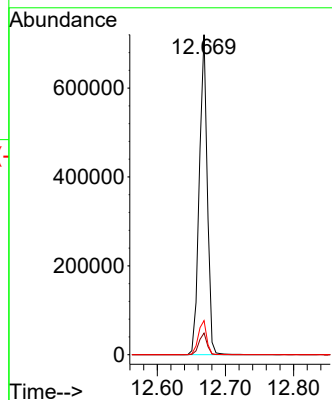
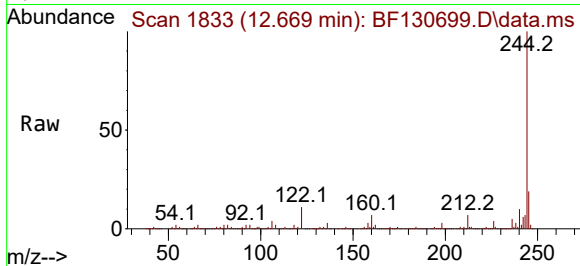




#79
 Terphenyl-d14
 Concen: 67.070 ng
 RT: 12.669 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130699.D
 Acq: 18 Oct 2022 15:40

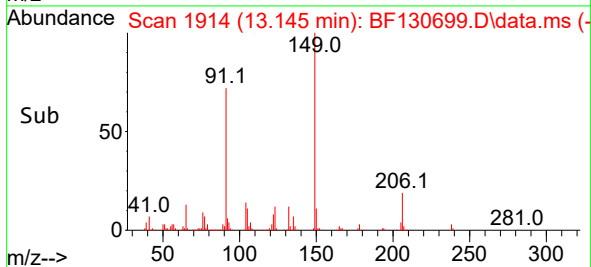
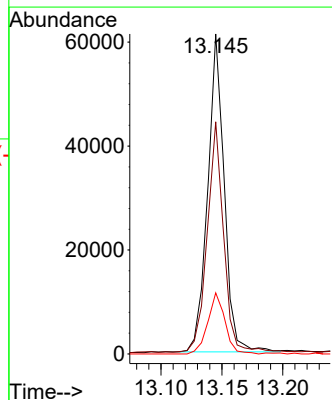
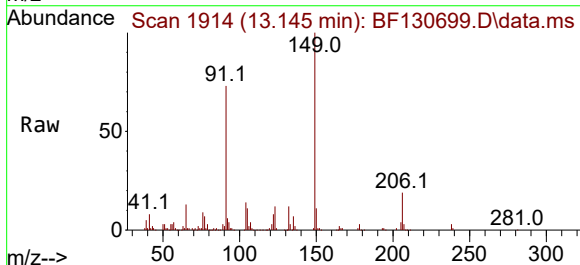
Instrument :
 BNA_F
 ClientSampleId :
 588A-1

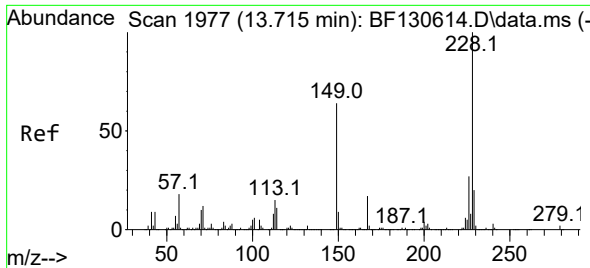
Tgt Ion:244 Resp: 585602
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.6 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 12.024 ng
 RT: 13.145 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF130699.D
 Acq: 18 Oct 2022 15:40

Tgt Ion:149 Resp: 57803
 Ion Ratio Lower Upper
 149 100
 91 72.5 53.8 80.8
 206 19.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 13.192 ng

RT: 13.704 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF130699.D

Acq: 18 Oct 2022 15:40

Instrument :

BNA_F

ClientSampleId :

588A-1

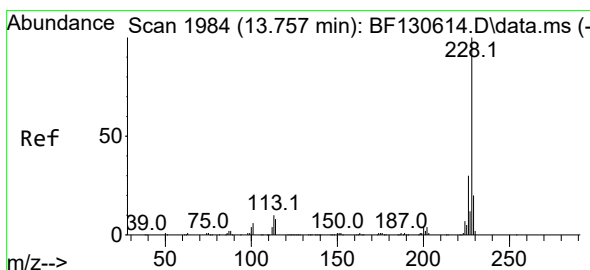
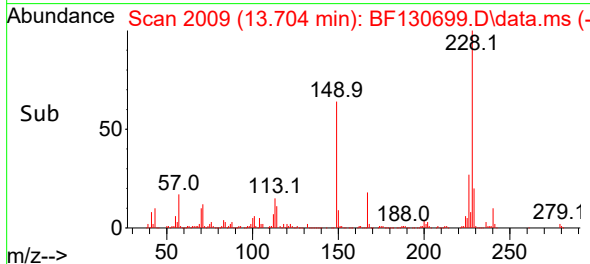
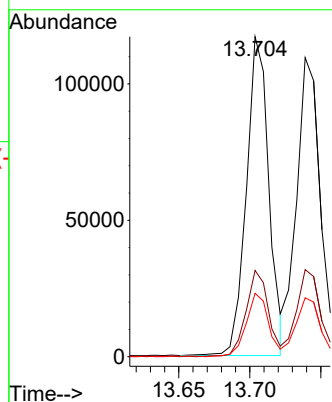
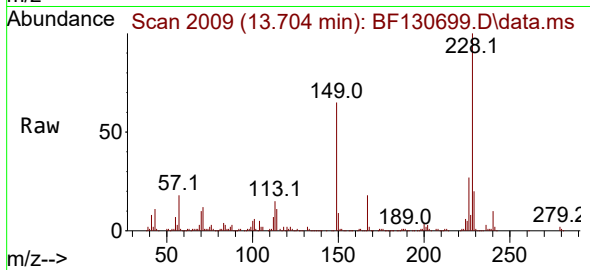
Tgt Ion:228 Resp: 128814

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.8 15.8 23.8



#83

Chrysene

Concen: 14.728 ng

RT: 13.739 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF130699.D

Acq: 18 Oct 2022 15:40

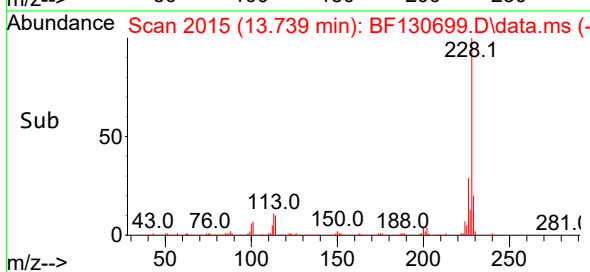
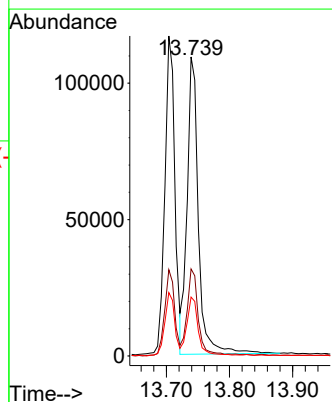
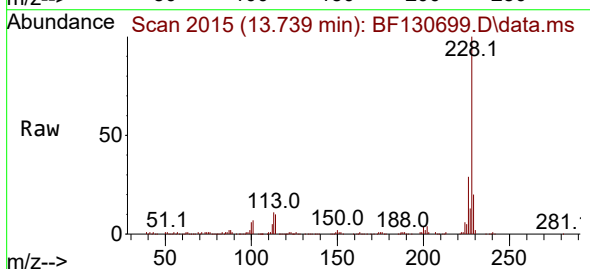
Tgt Ion:228 Resp: 136348

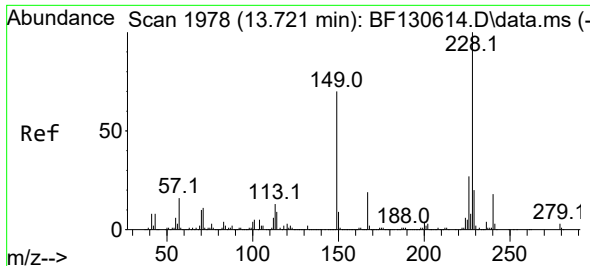
Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

229 19.7 15.9 23.9

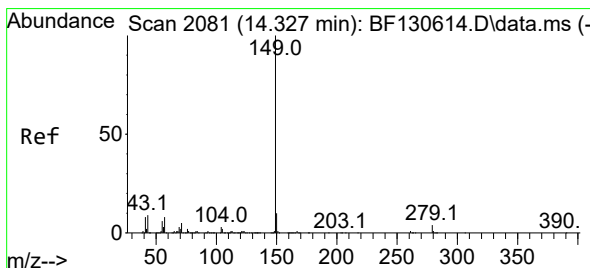
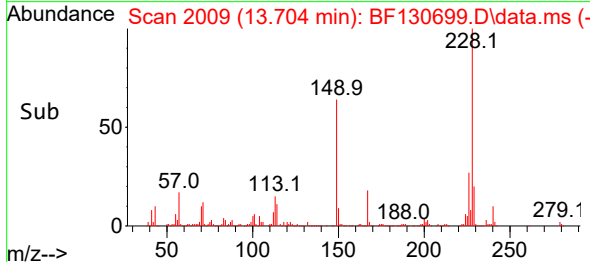
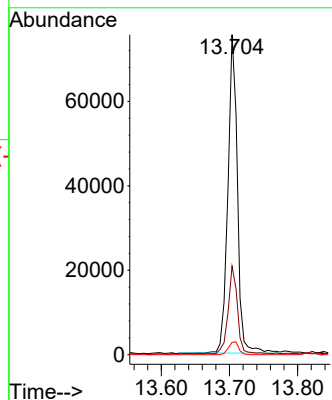
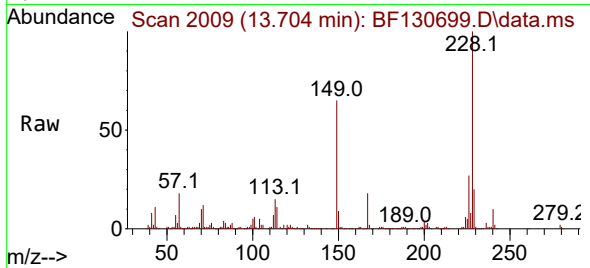




#84
Bis(2-ethylhexyl)phthalate
Concen: 12.665 ng
RT: 13.704 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

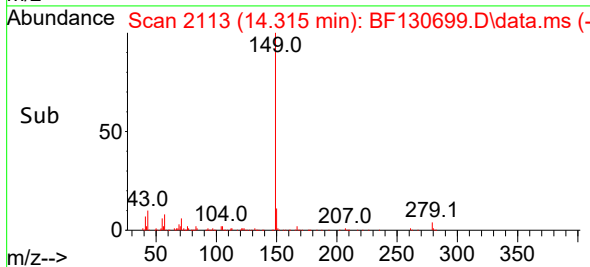
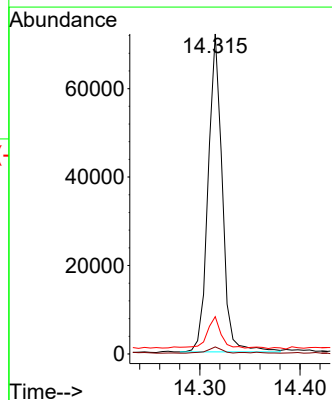
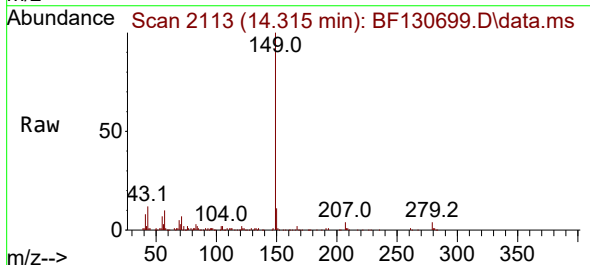
Instrument :
BNA_F
ClientSampleId :
588A-1

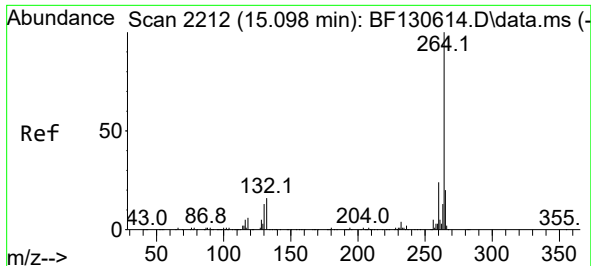
Tgt Ion:149 Resp: 73811
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 3.9 3.8 5.6



#85
Di-n-octyl phthalate
Concen: 7.922 ng
RT: 14.315 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion:149 Resp: 70710
Ion Ratio Lower Upper
149 100
167 2.0 1.2 1.8#
43 9.6 7.2 10.8

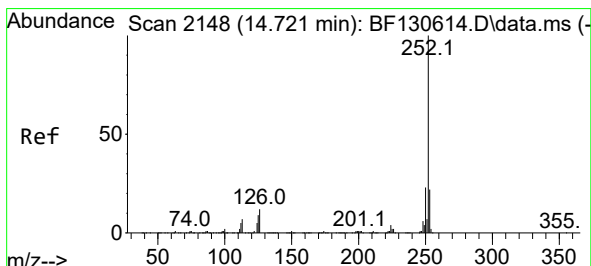
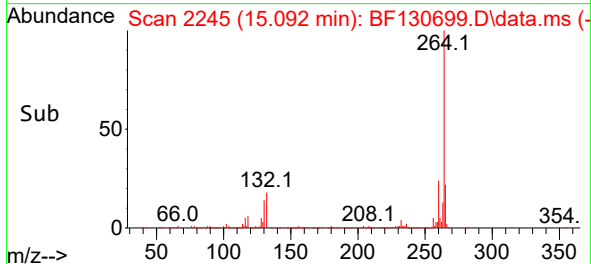
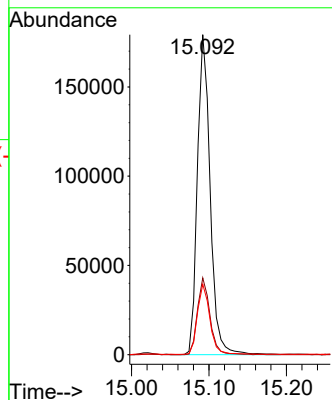
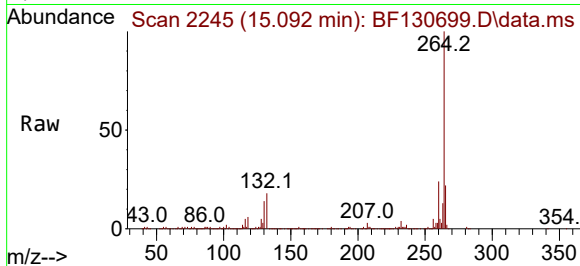




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

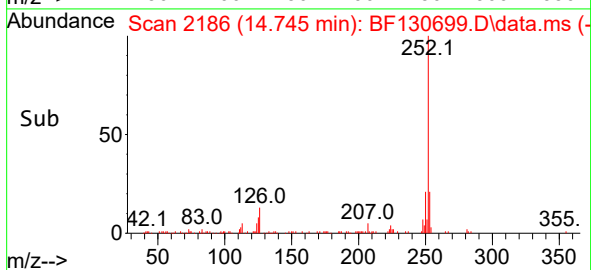
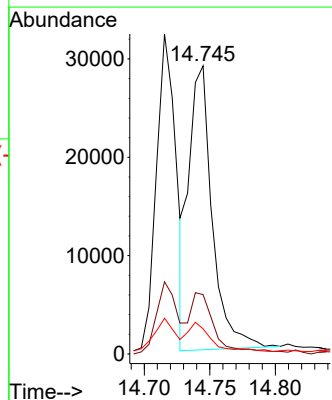
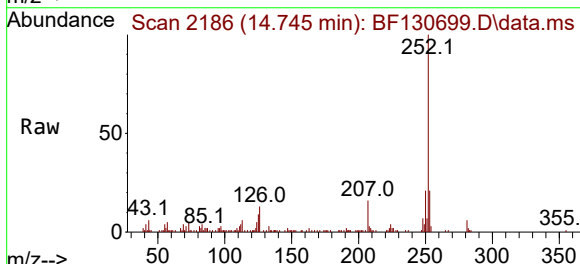
Instrument :
BNA_F
ClientSampleId :
588A-1

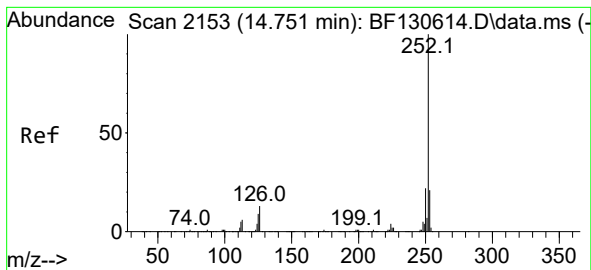
Tgt Ion:264 Resp: 205021
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.0 16.4 24.6



#88
Benzo(b)fluoranthene
Concen: 2.752 ng
RT: 14.745 min Scan# 2186
Delta R.T. 0.029 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Tgt Ion:252 Resp: 35732
Ion Ratio Lower Upper
252 100
253 20.6 17.4 26.2
125 8.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 2.703 ng

RT: 14.745 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130699.D

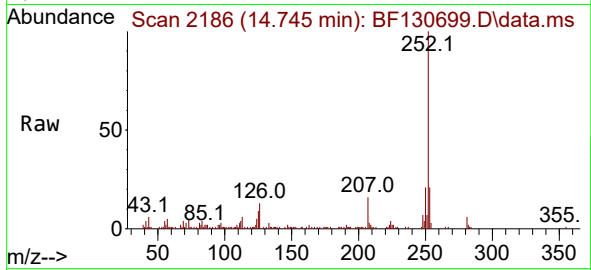
Acq: 18 Oct 2022 15:40

Instrument :

BNA_F

ClientSampleId :

588A-1



Tgt Ion:252 Resp: 35732

Ion Ratio Lower Upper

252 100

253 20.6 17.0 25.4

125 8.7 7.2 10.8

