

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : Jagrut Upadhyay 10/19/2022

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						
						Qvalue
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
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	14.715	252	33883m	2.610	ng	
89) Benzo(k)fluoranthene	14.745	252	35732	2.703	ng	99

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

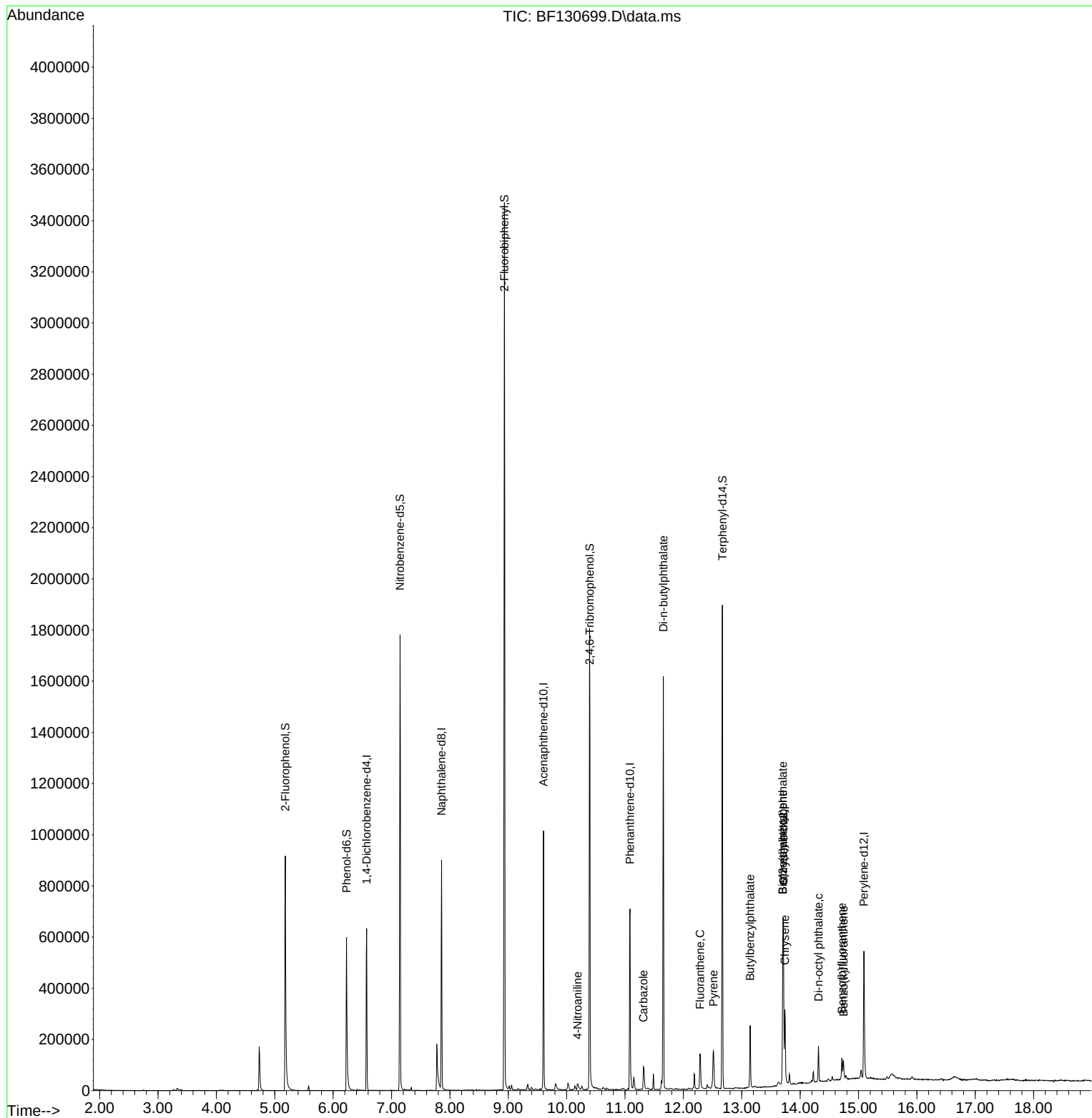
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
Data File : BF130699.D
Acq On : 18 Oct 2022 15:40
Operator : CG\JU
Sample : N5164-01
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ALS Vial : 7 Sample Multiplier: 1

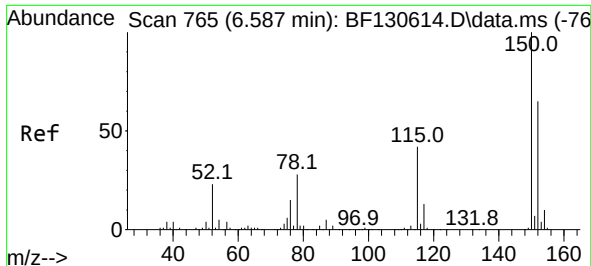
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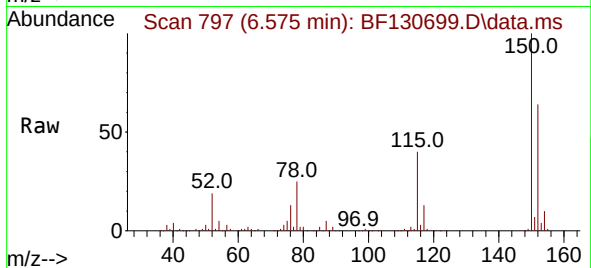
Quant Time: Oct 18 16:03:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

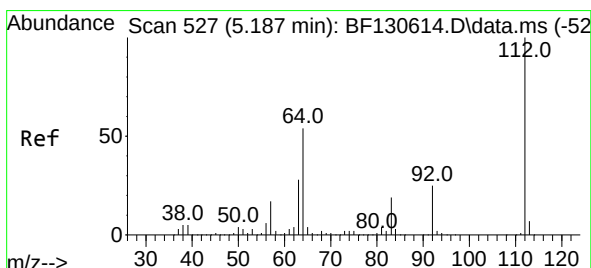
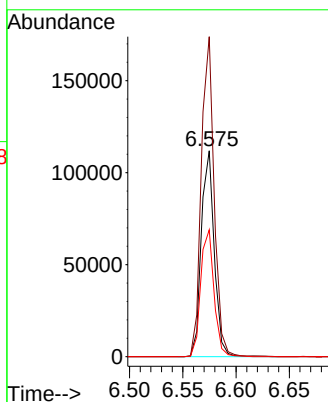
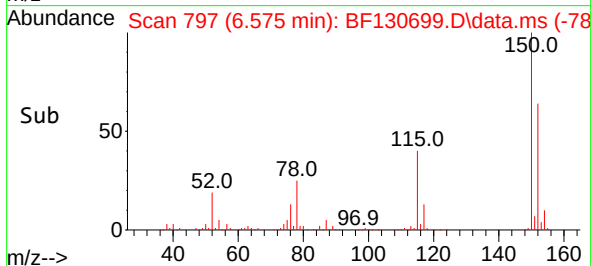
Instrument :
BNA_F
ClientSampleId :
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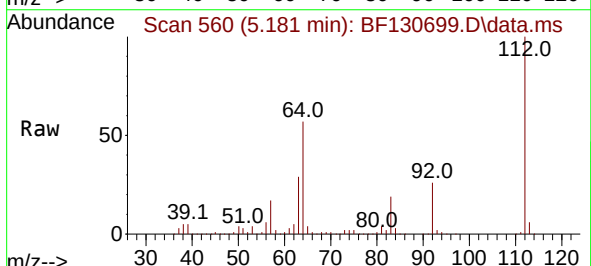
Tgt Ion:152 Resp: 9465
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 61.6 52.2 78.4

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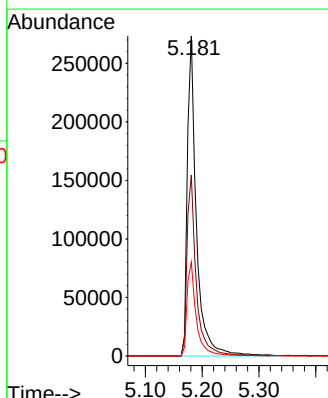
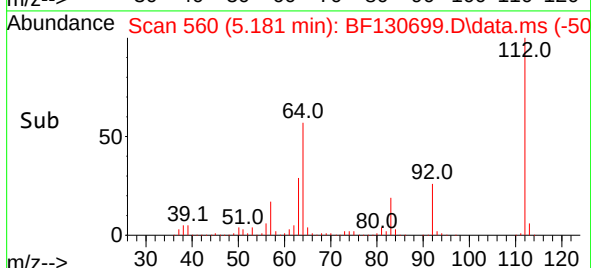
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

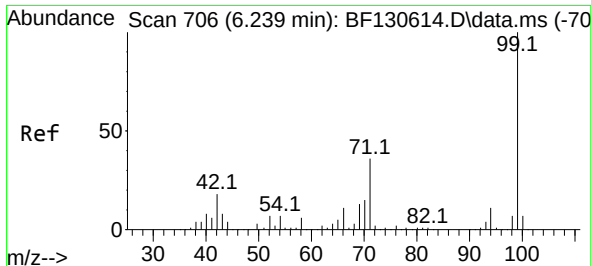


#5
2-Fluorophenol
Concen: 57.786 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40



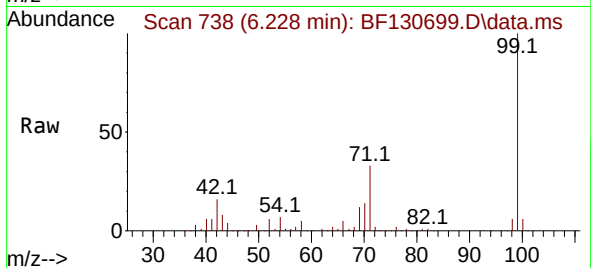
Tgt Ion:112 Resp: 303450
Ion Ratio Lower Upper
112 100
64 56.6 43.5 65.3
63 29.4 22.6 34.0





#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

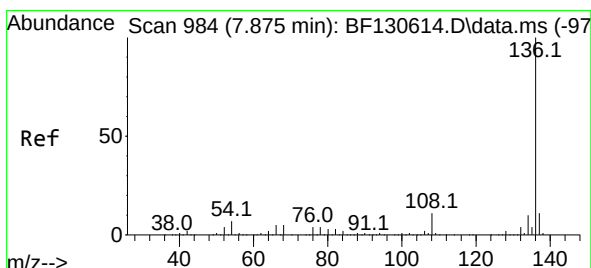
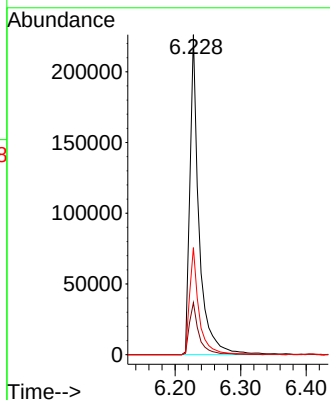
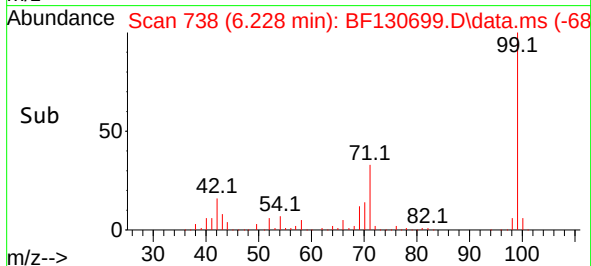
Instrument :
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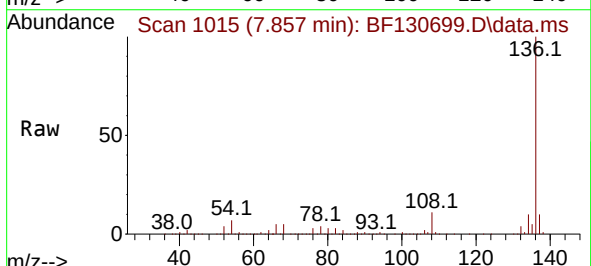
Tgt Ion: 99 Resp: 219270
Ion Ratio Lower Upper
99 100
42 16.3 14.0 21.0
71 33.5 28.8 43.2

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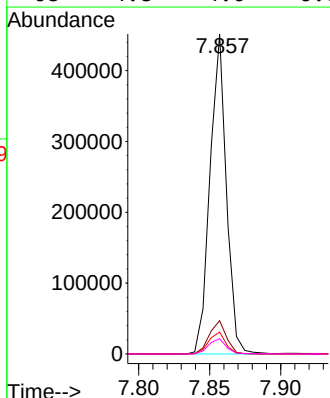
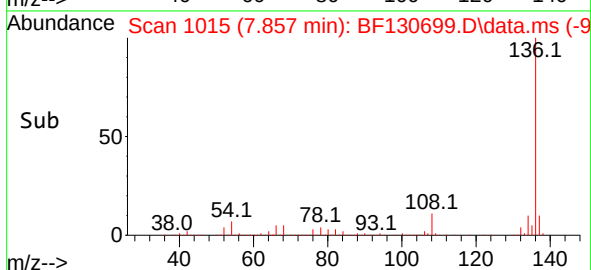
Reviewed By :Christian Giraldo 10/19/2022
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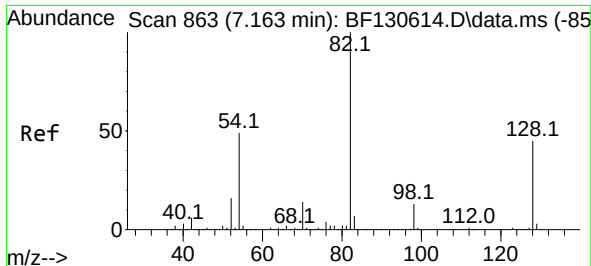


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40



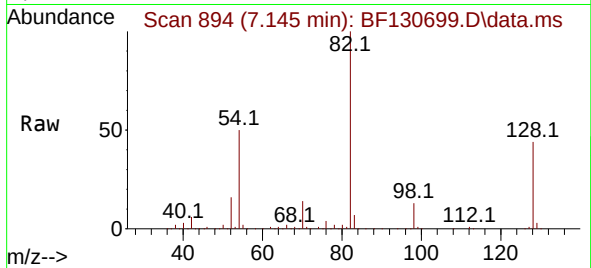
Tgt Ion:136 Resp: 362075
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 6.8 5.5 8.3
68 4.8 4.0 6.0





#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

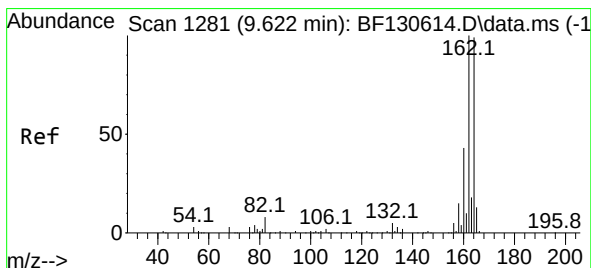
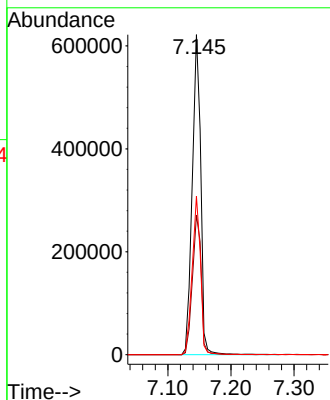
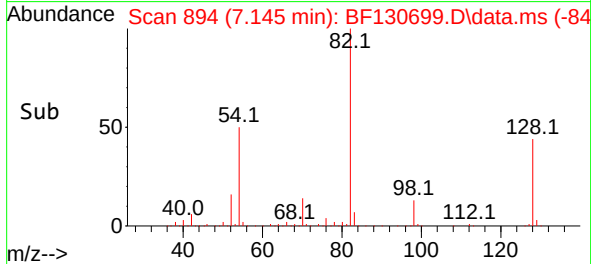
Instrument :
BNA_F
ClientSampleId :
588A-1



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

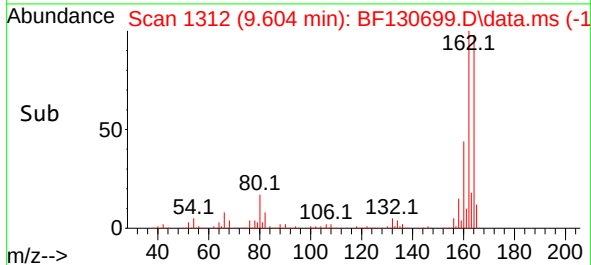
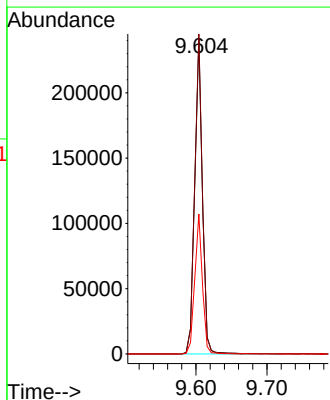
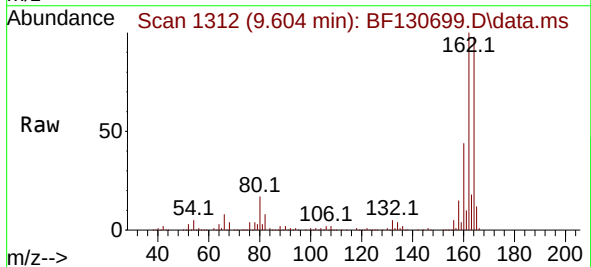
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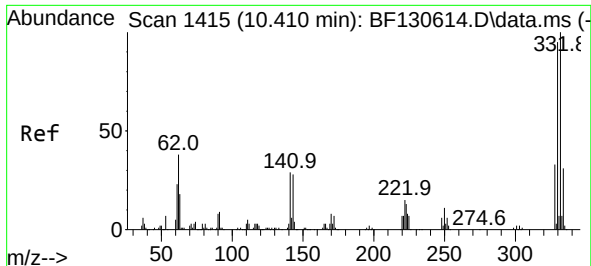
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

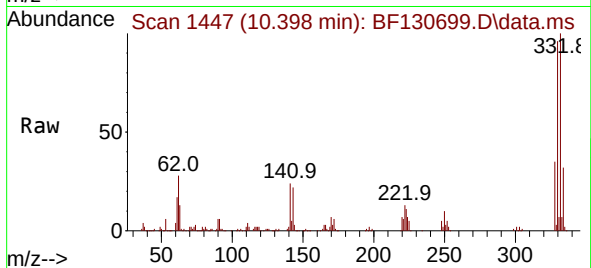
Tgt Ion:164 Resp: 182190
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.4 34.5 51.7





#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

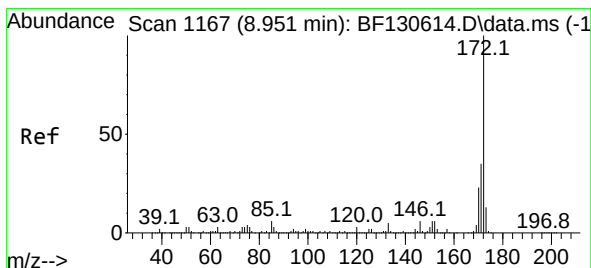
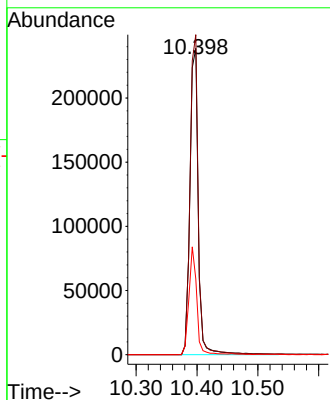
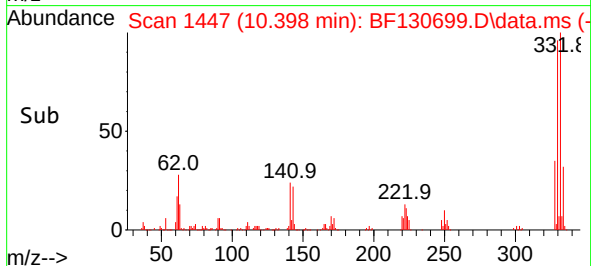
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588A-1



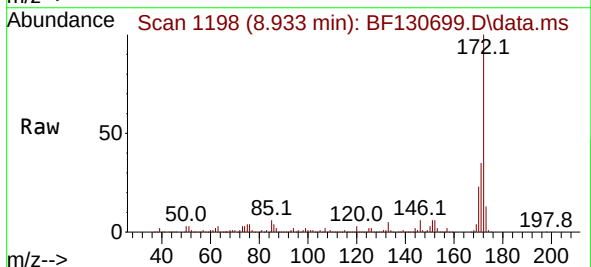
Tgt Ion: 330 Resp: 22759
Ion Ratio Lower Upper
330 100
332 103.0 84.2 126.4
141 33.1 26.8 40.2

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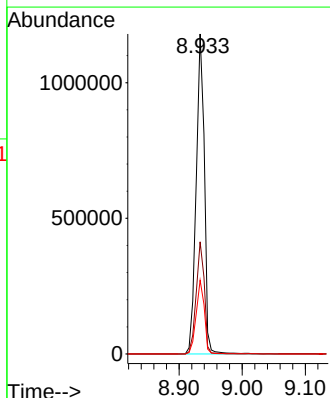
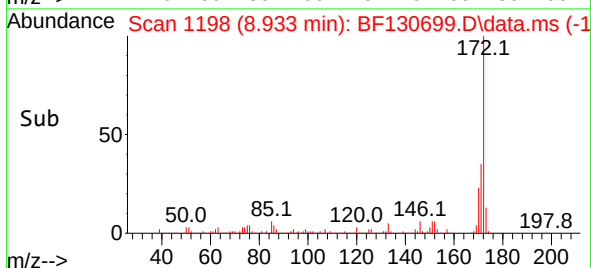
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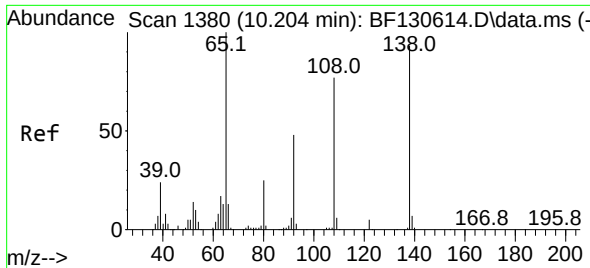


#45
2-Fluorobiphenyl
Concen: 88.315 ng
RT: 8.933 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40



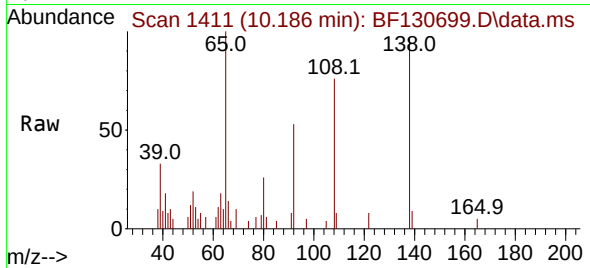
Tgt Ion: 172 Resp: 1062232
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.0 18.6 27.8





#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

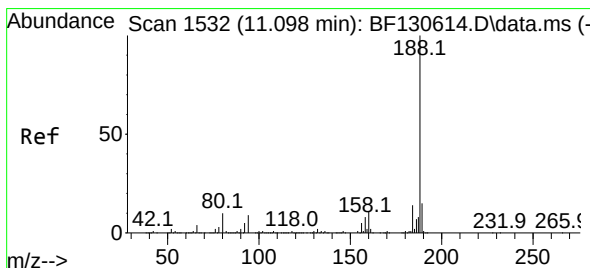
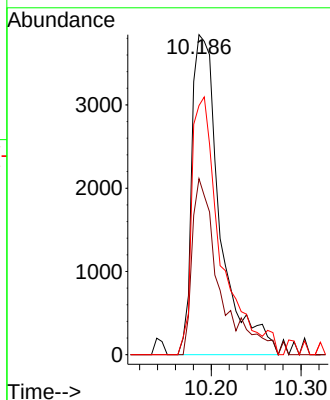
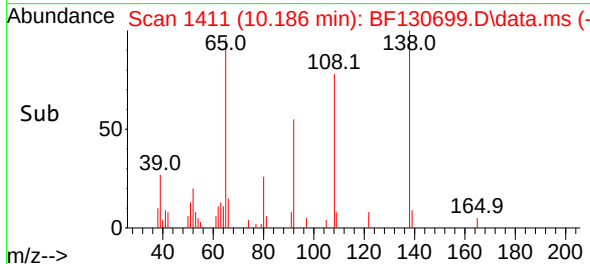
Instrument :
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ClientSampleId :
588A-1



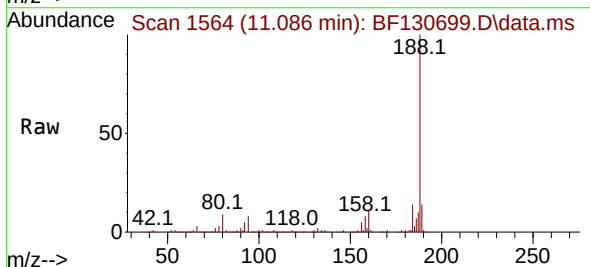
Tgt Ion:138 Resp: 840
Ion Ratio Lower Upper
138 100
92 55.0 31.1 71.1
108 77.8 62.1 102.1

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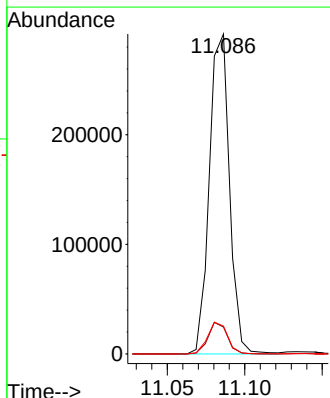
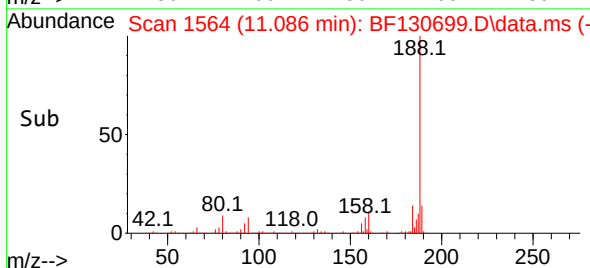
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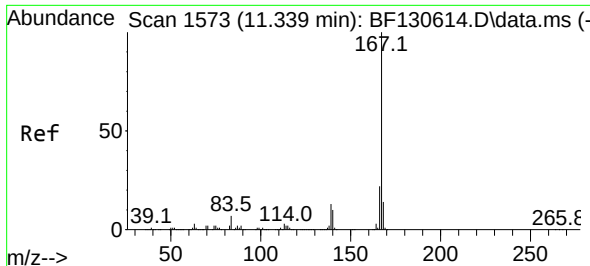


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40



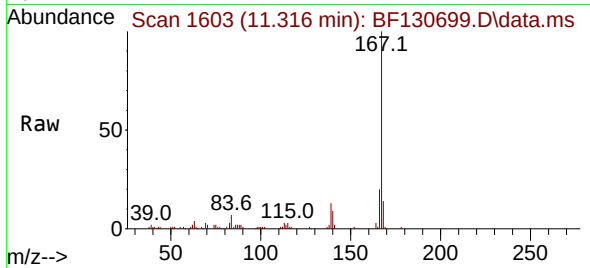
Tgt Ion:188 Resp: 264500
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.7 8.0 12.0





#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

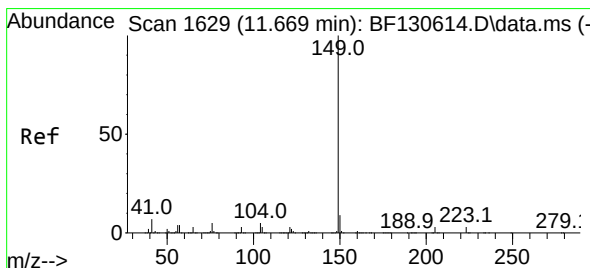
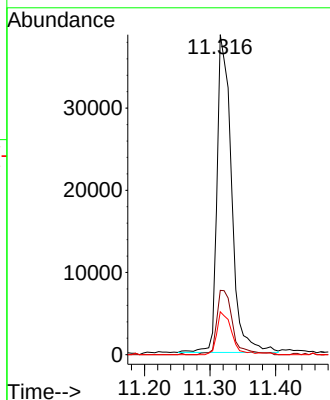
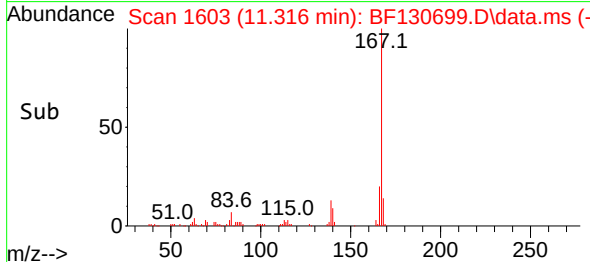
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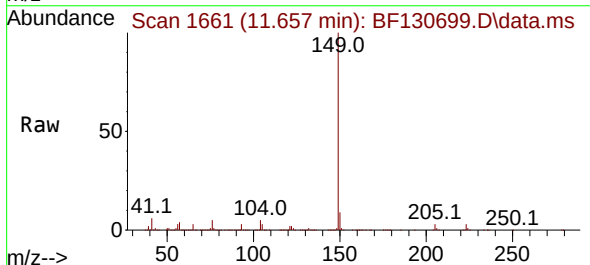
Tgt Ion:167 Resp: 59400
Ion Ratio Lower Upper
167 100
166 20.1 17.3 25.9
139 13.4 10.7 16.1

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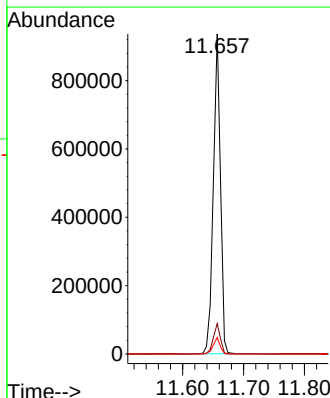
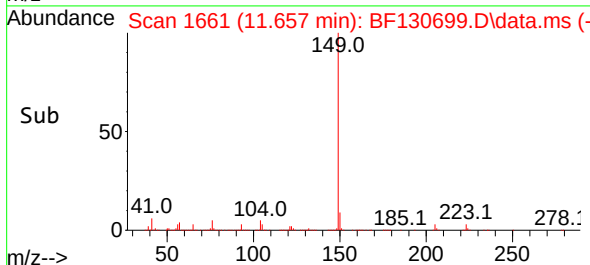
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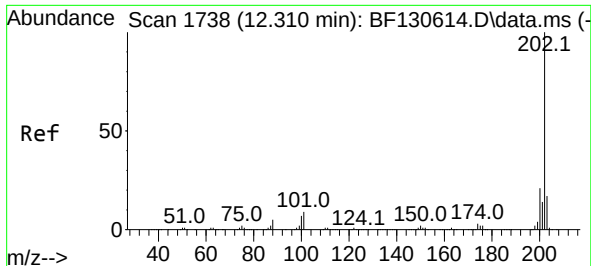


#74
Di-n-butylphthalate
Concen: 49.200 ng
RT: 11.657 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40



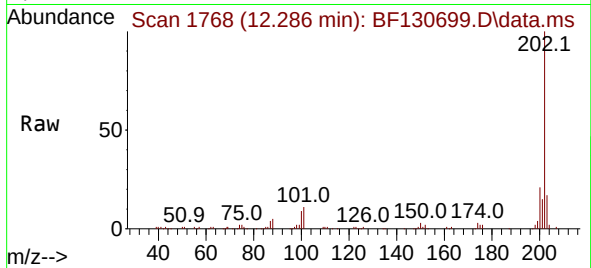
Tgt Ion:149 Resp: 761105
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.1 4.2 6.2





#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

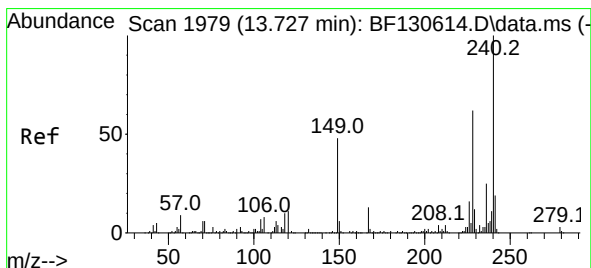
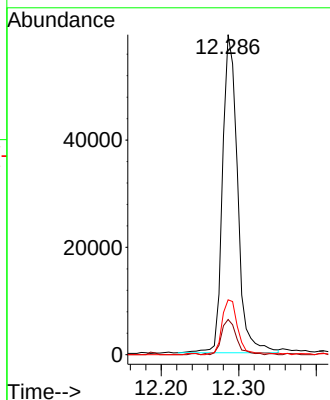
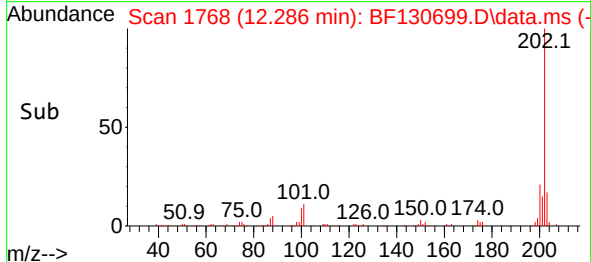
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ClientSampleId :
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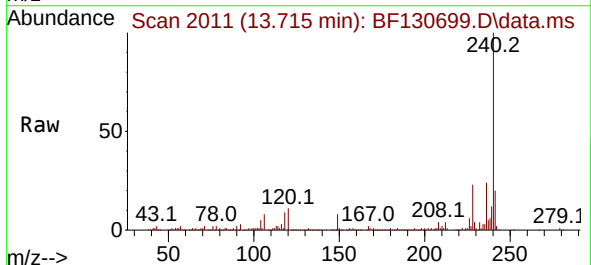
Tgt Ion:202 Resp: 80064
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.1
203 17.1 0.0 37.3

Manual Integrations
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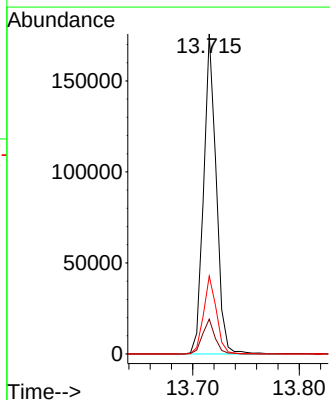
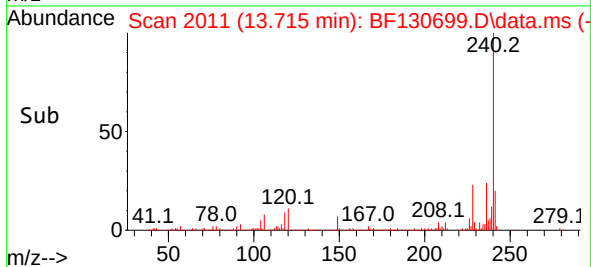
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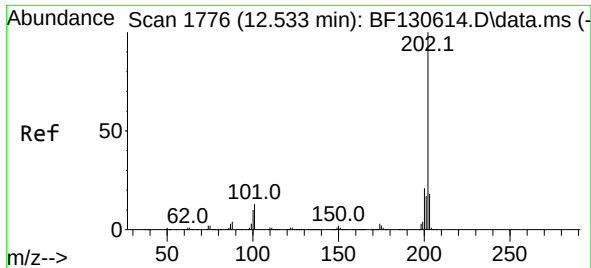


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40



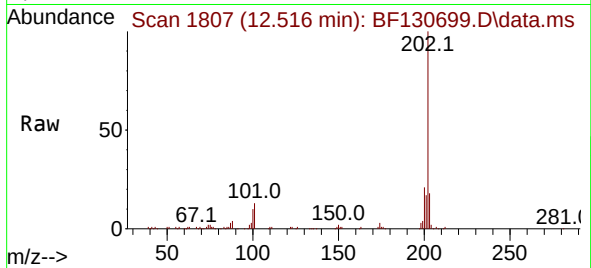
Tgt Ion:240 Resp: 144914
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 24.4 20.2 30.4





#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

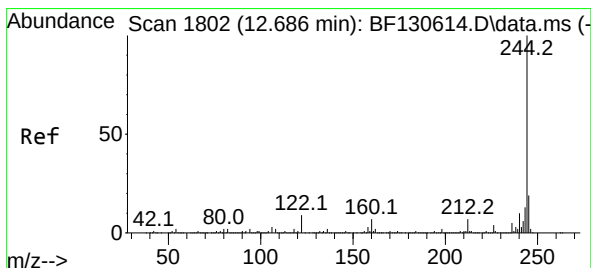
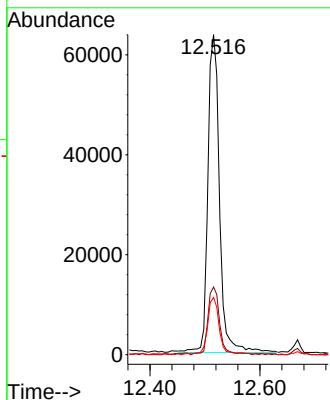
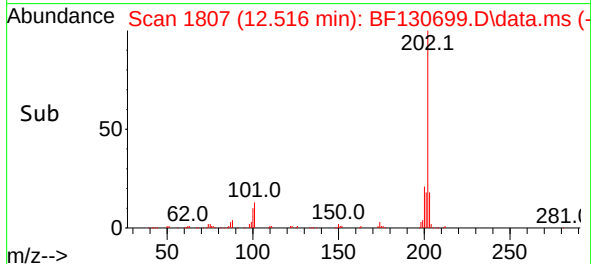
Instrument :
BNA_F
ClientSampleId :
588A-1



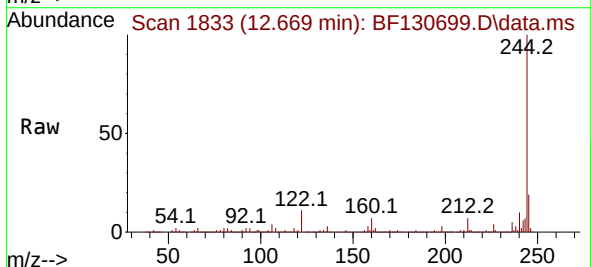
Tgt Ion:202 Resp: 9306
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.9 14.0 21.0

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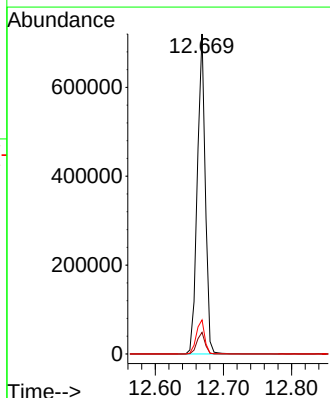
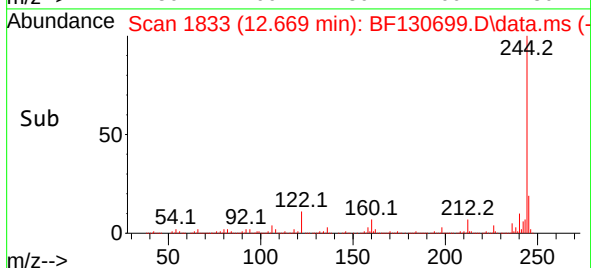
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

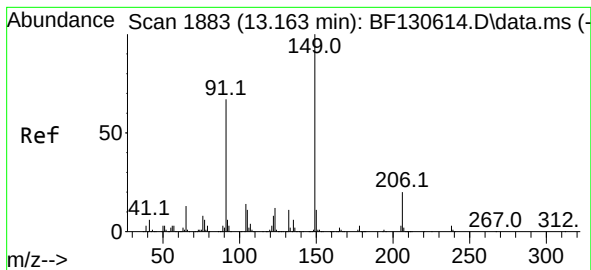


#79
Terphenyl-d14
Concen: 67.070 ng
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40



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





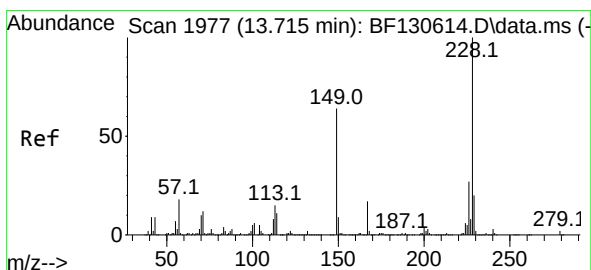
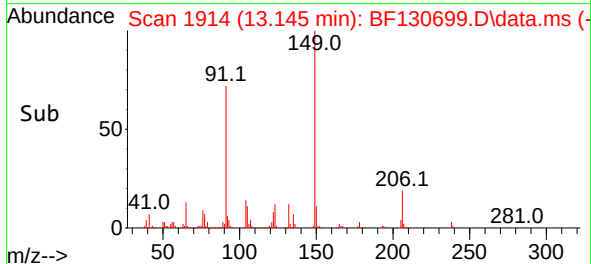
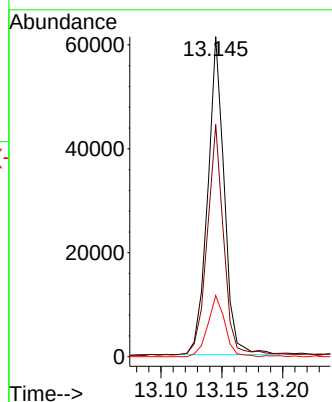
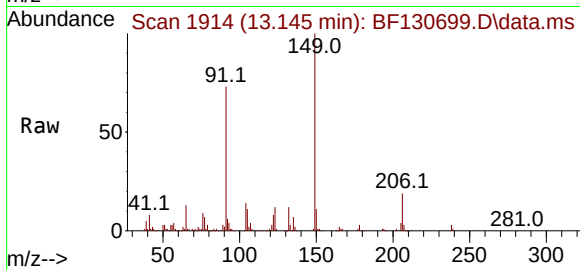
#80
Butylbenzylphthalate
Concen: 12.024 ng
RT: 13.145 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

Instrument :
BNA_F
ClientSampleId :
588A-1

Tgt Ion:149 Resp: 5780
Ion Ratio Lower Upper
149 100
91 72.5 53.8 80.8
206 19.1 15.8 23.6

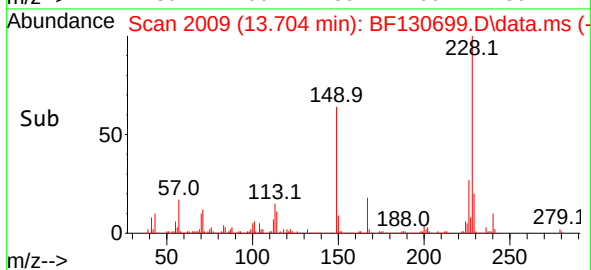
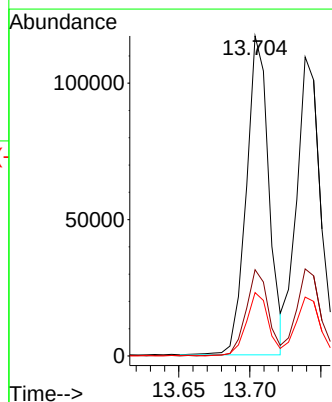
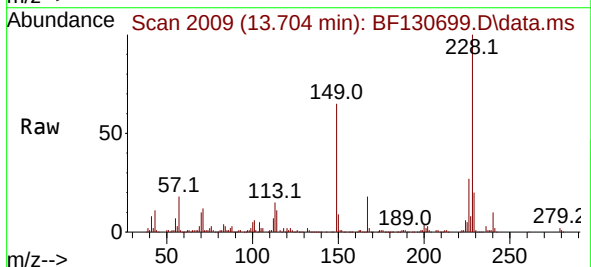
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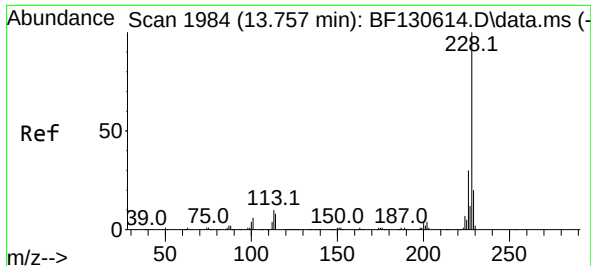
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#81
Benzo(a)anthracene
Concen: 13.192 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

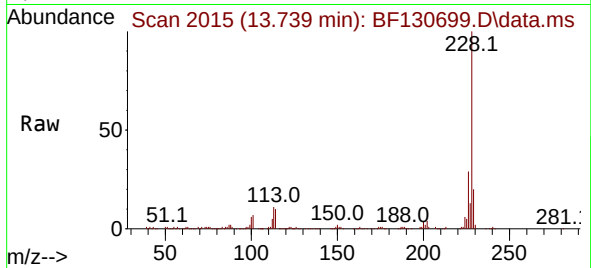
Tgt Ion:228 Resp: 128814
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.8 15.8 23.8





#83
Chrysene
Concen: 14.728 ng
RT: 13.739 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

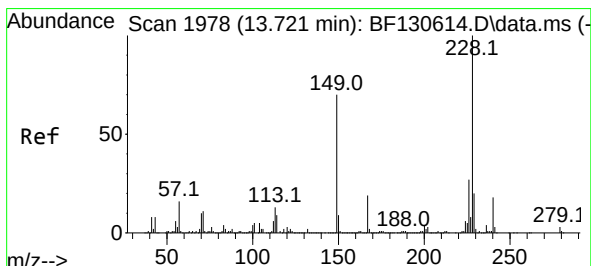
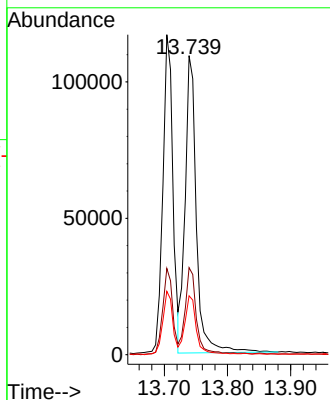
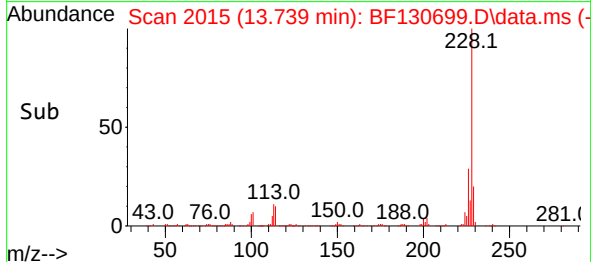
Instrument :
BNA_F
ClientSampleId :
588A-1



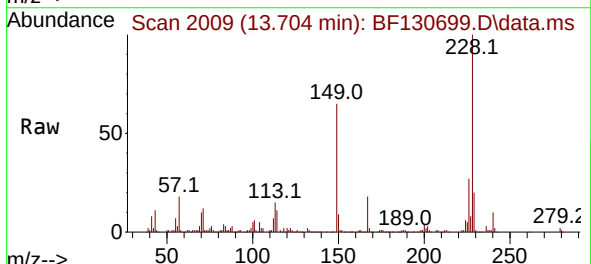
Tgt Ion:228 Resp: 136348
Ion Ratio Lower Upper
228 100
226 29.1 23.9 35.9
229 19.7 15.9 23.9

Manual Integrations
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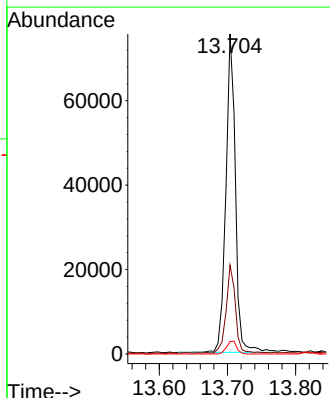
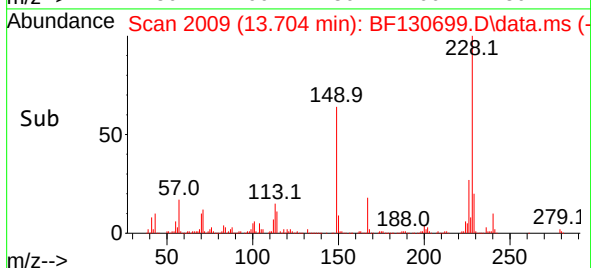
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

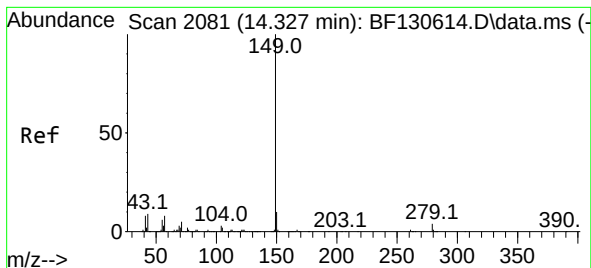


#84
Bis(2-ethylhexyl)phthalate
Concen: 12.665 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40



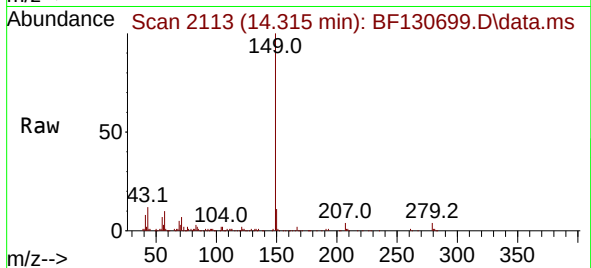
Tgt Ion:149 Resp: 73811
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 3.9 3.8 5.6





#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

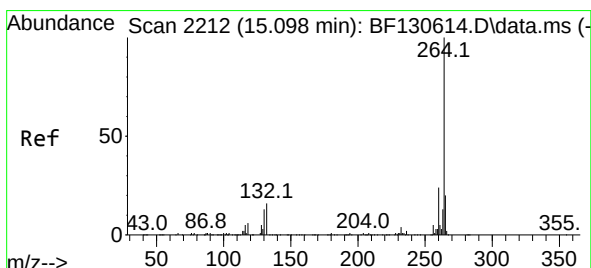
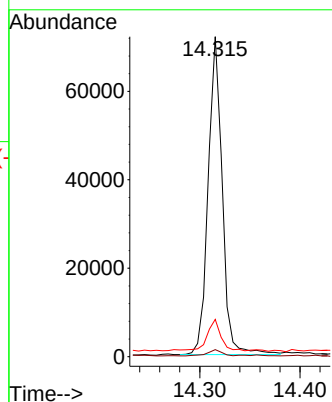
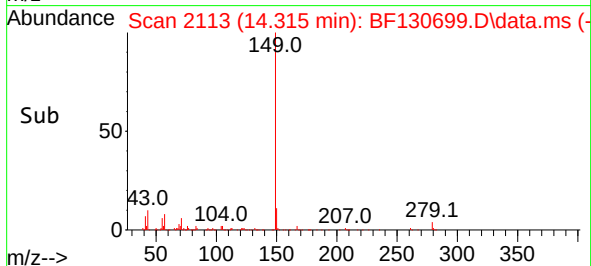
Instrument :
BNA_F
ClientSampleId :
588A-1



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

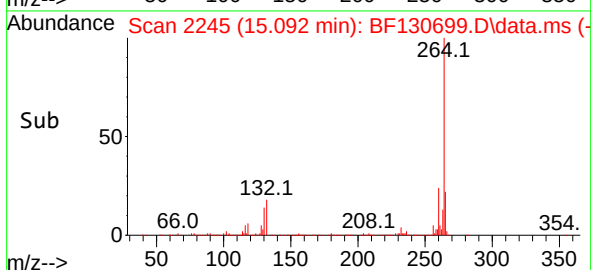
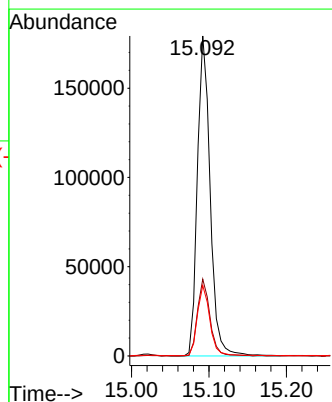
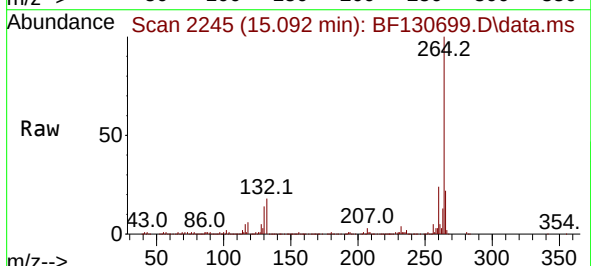
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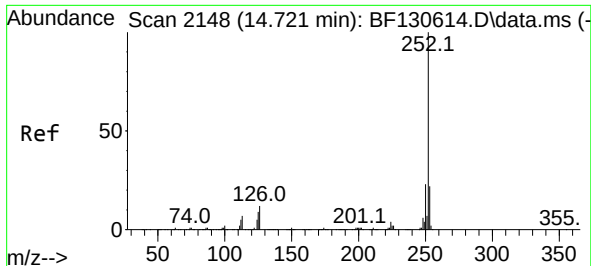
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 2245
Delta R.T. 0.006 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

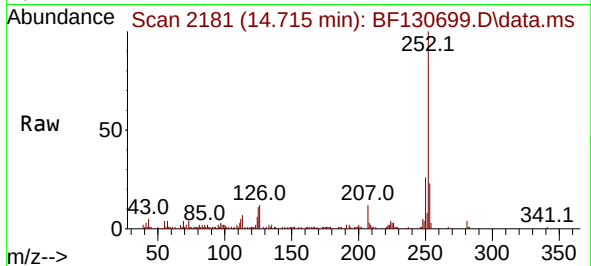
Tgt Ion:264 Resp: 205021
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.0 16.4 24.6





#88
Benzo(b)fluoranthene
Concen: 2.610 ng m
RT: 14.715 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF130699.D
Acq: 18 Oct 2022 15:40

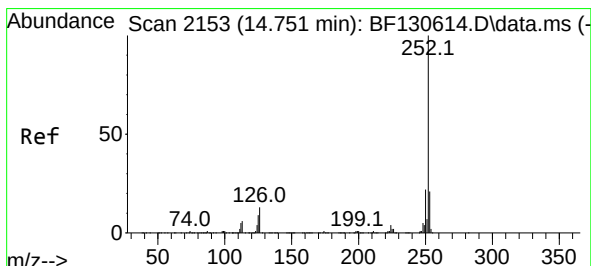
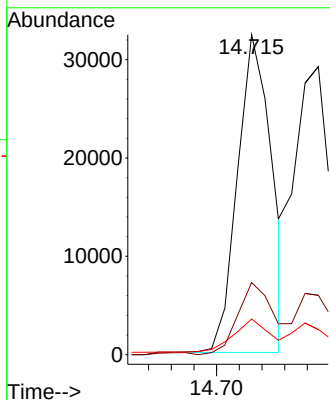
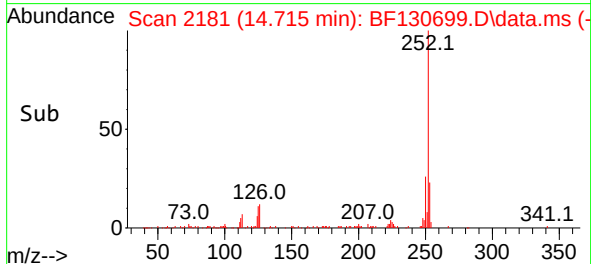
Instrument :
BNA_F
ClientSampleId :
588A-1



Tgt Ion:252 Resp: 3388
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.2 7.4 11.0

Manual Integrations
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Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#89
Benzo(k)fluoranthene
Concen: 2.703 ng
RT: 14.745 min Scan# 2186
Delta R.T. 0.006 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 17.0 25.4
125 8.7 7.2 10.8

