

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130590.D
 Acq On : 07 Oct 2022 23:35
 Operator : CG\JU
 Sample : N5046-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Manual Integrations
 APPROVED

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

Supervised By : Jagrut
 Upadhyay
 10/10/2022

Quant Time: Oct 10 01:47:19 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	73587	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	254374	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	113366	20.000	ng	-0.01
64) Phenanthrene-d10	11.121	188	203389	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	216356	20.000	ng	-0.01
86) Perylene-d12	15.139	264	163151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	521679	122.961	ng	0.00
7) Phenol-d6	6.257	99	602151	113.431	ng	-0.01
23) Nitrobenzene-d5	7.181	82	378450	76.008	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	152363	140.264	ng	0.00
45) 2-Fluorobiphenyl	8.969	172	591678	76.001	ng	-0.01
79) Terphenyl-d14	12.710	244	711206	54.452	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.145	178	70295	6.156	ng	99
75) Fluoranthene	12.327	202	66887	6.062	ng	98
78) Pyrene	12.557	202	95387	5.040	ng	98
81) Benzo(a)anthracene	13.745	228	46936	3.261	ng	# 89
83) Chrysene	13.780	228	53020m	3.880	ng	
88) Benzo(b)fluoranthene	14.751	252	50674m	4.759	ng	
90) Benzo(a)pyrene	15.080	252	34664	4.109	ng	96

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

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ALS Vial : 17 Sample Multiplier: 1

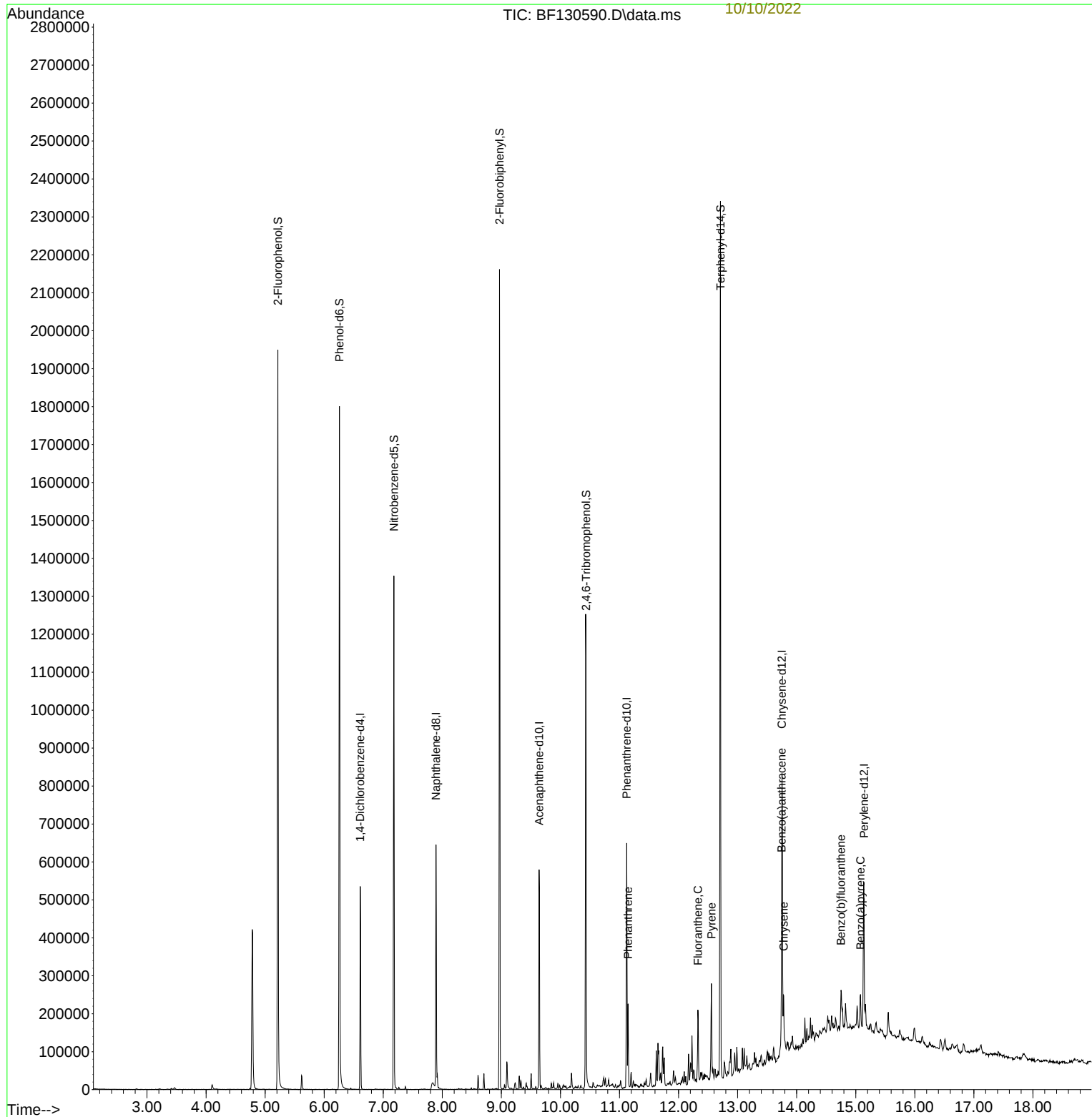
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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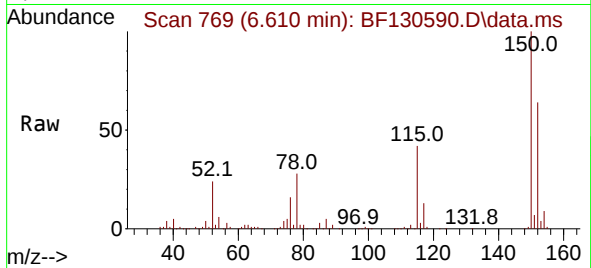
Supervised By :Jagrut
Upadhyay
10/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

Instrument :
BNA_F
ClientSampleId :
R-1

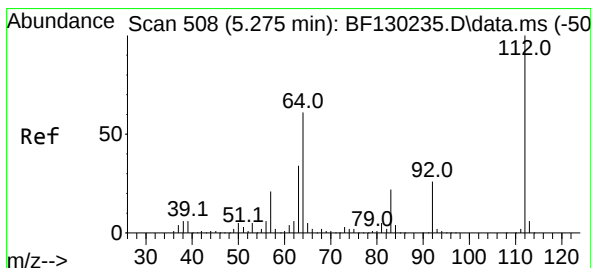
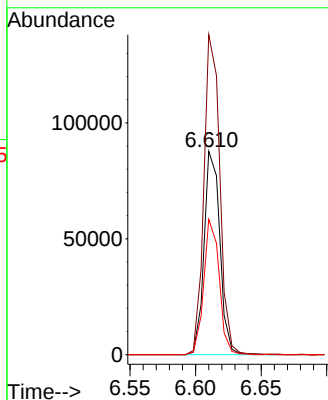


Tgt Ion:152 Resp: 7358
Ion Ratio Lower Upper
152 100
150 157.4 122.8 184.2
115 66.6 53.8 80.8

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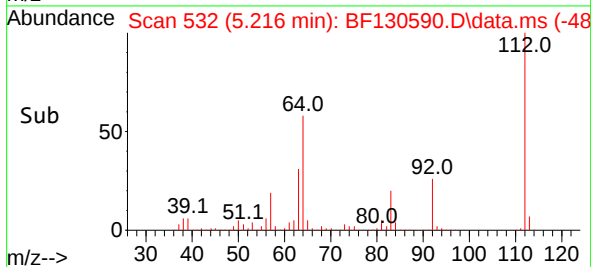
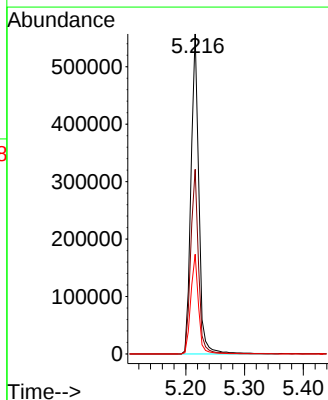
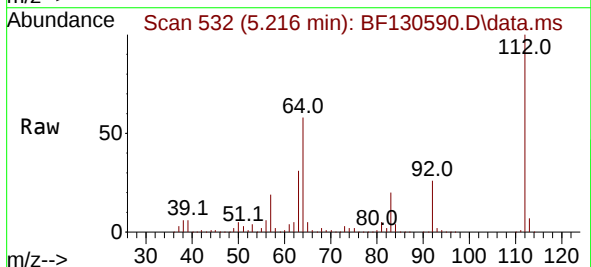
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#5
2-Fluorophenol
Concen: 122.961 ng
RT: 5.216 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

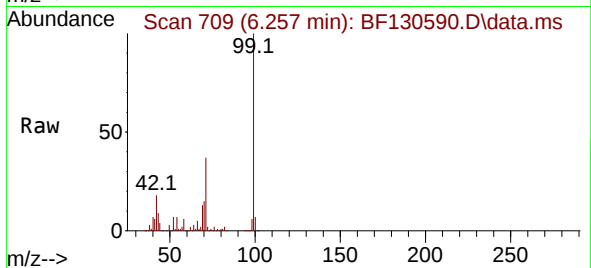
Tgt Ion:112 Resp: 521679
Ion Ratio Lower Upper
112 100
64 57.7 51.4 77.0
63 31.2 28.8 43.2





#7
Phenol-d6
Concen: 113.431 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

Instrument :
BNA_F
ClientSampleId :
R-1

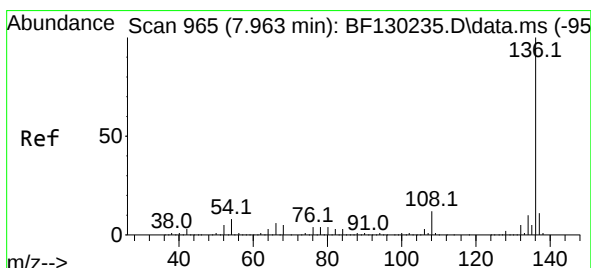
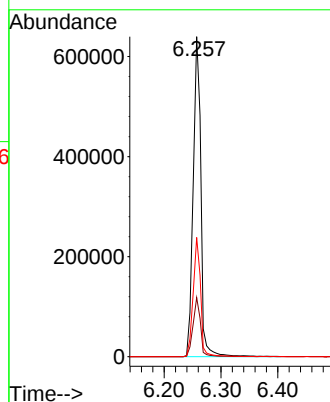
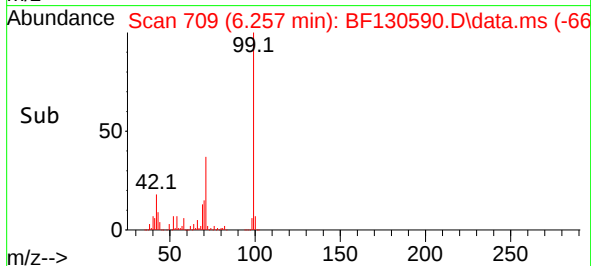


Tgt Ion: 99 Resp: 60215
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 37.2 32.3 48.5

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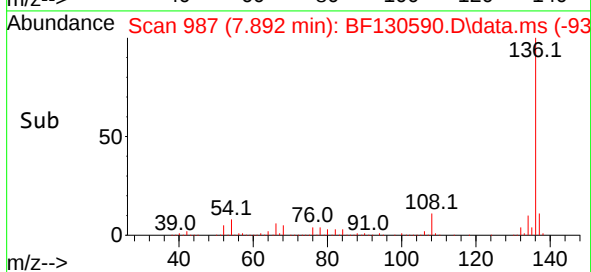
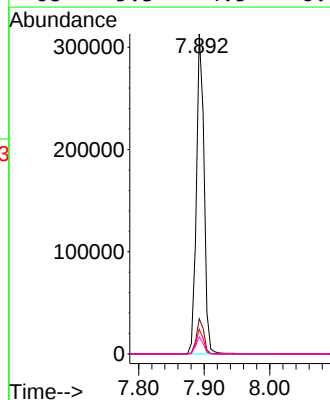
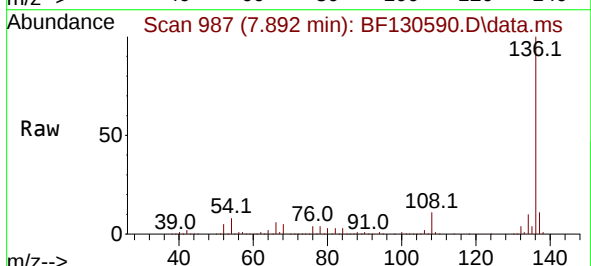
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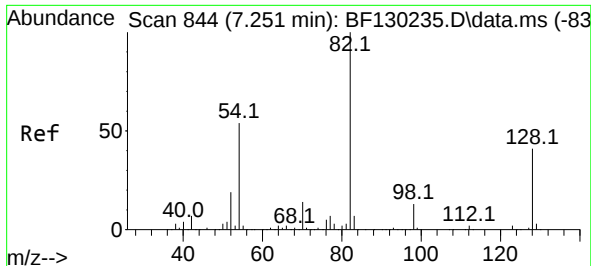
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

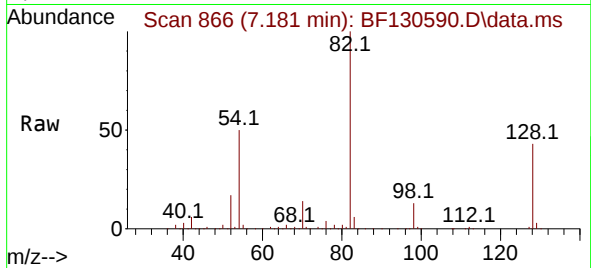
Tgt Ion:136 Resp: 254374
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.8 7.1 10.7
68 5.3 4.5 6.7





#23
Nitrobenzene-d5
Concen: 76.008 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

Instrument :
BNA_F
ClientSampleId :
R-1

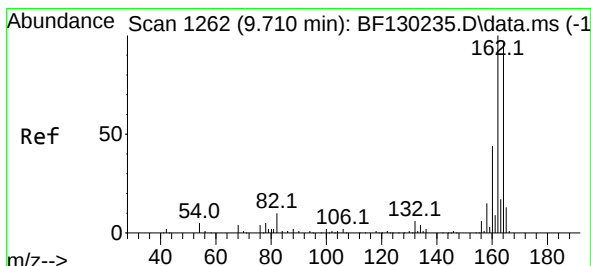
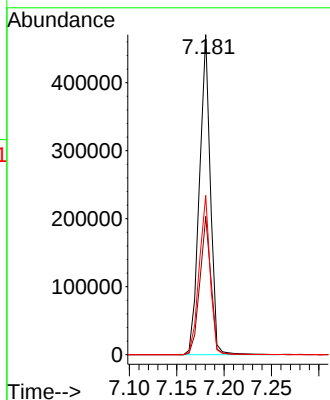
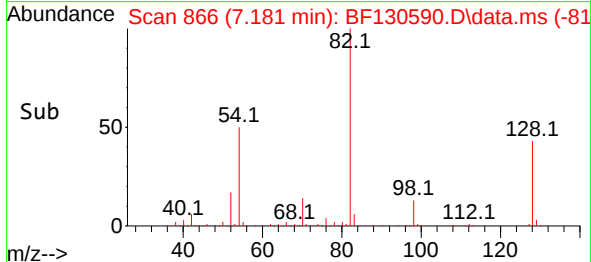


Tgt Ion: 82 Resp: 378450
Ion Ratio Lower Upper
82 100
128 43.2 32.6 49.0
54 49.7 43.8 65.6

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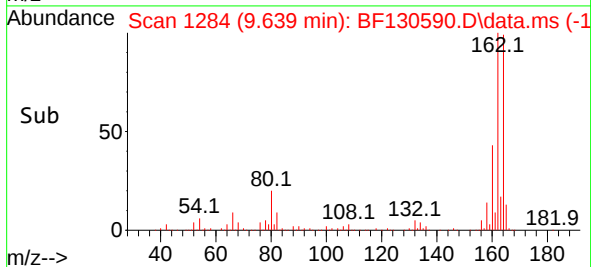
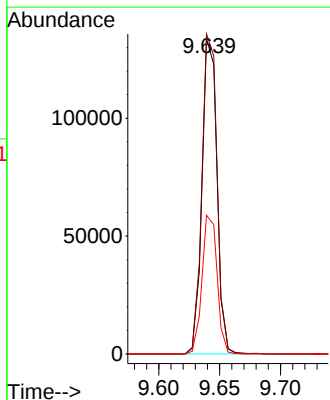
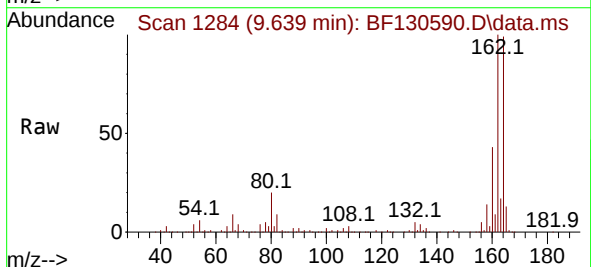
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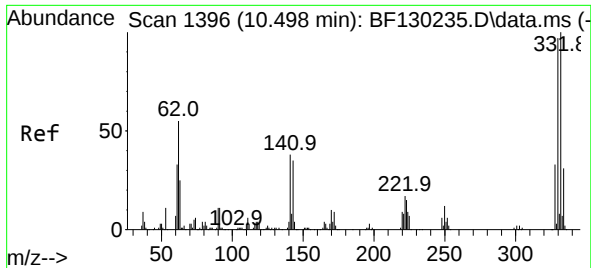
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

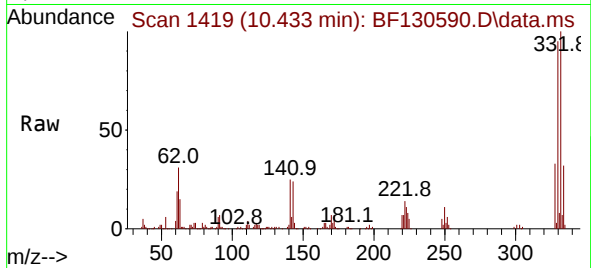
Tgt Ion:164 Resp: 113366
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.0 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 140.264 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

Instrument :
BNA_F
ClientSampleId :
R-1

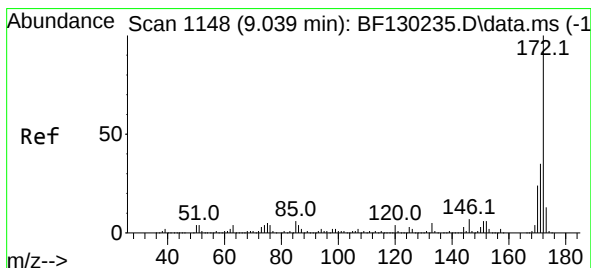
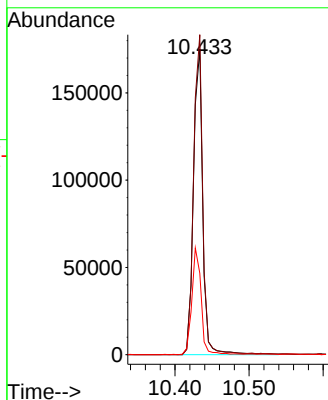
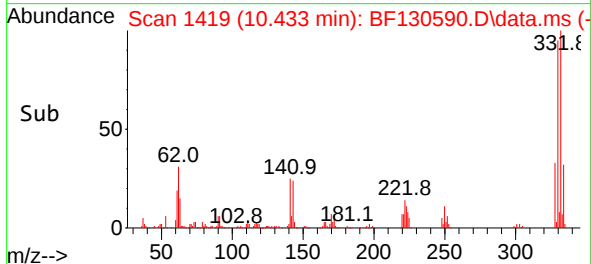


Tgt Ion:330 Resp: 152361
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 34.9 34.0 51.0

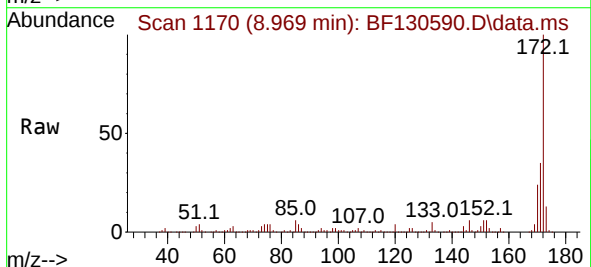
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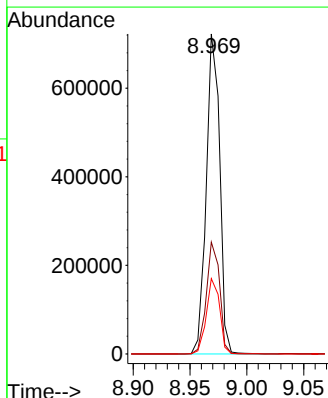
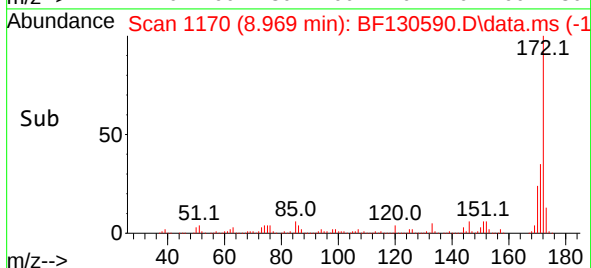
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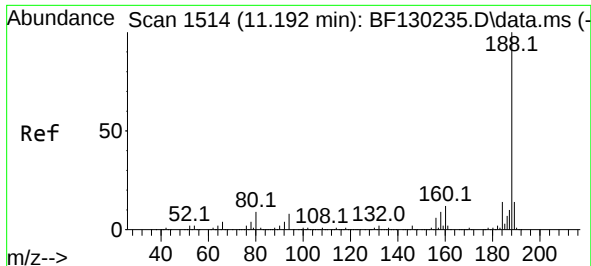


#45
2-Fluorobiphenyl
Concen: 76.001 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35



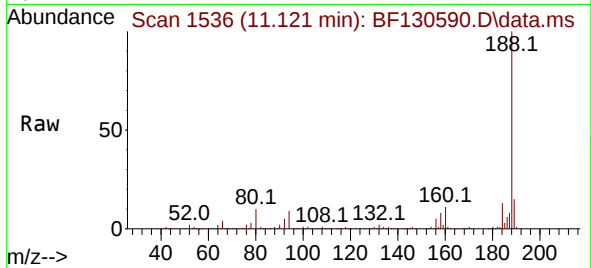
Tgt Ion:172 Resp: 591678
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.121 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

Instrument :
BNA_F
ClientSampleId :
R-1

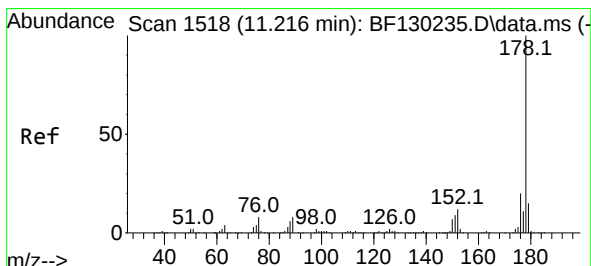
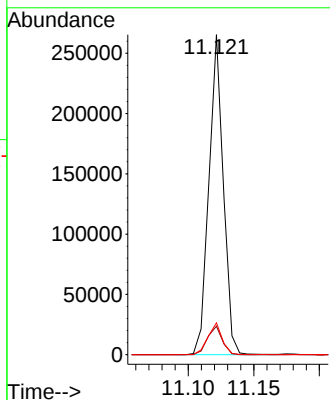
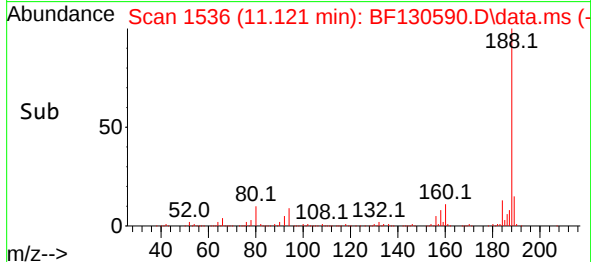


Tgt Ion:188 Resp: 203389
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.0 7.9 11.9

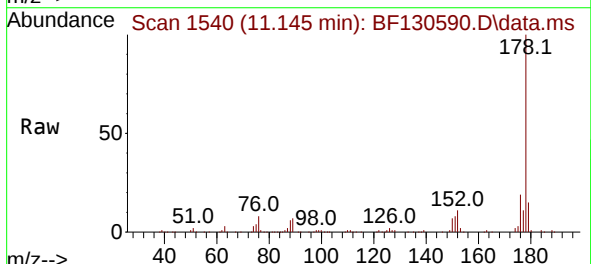
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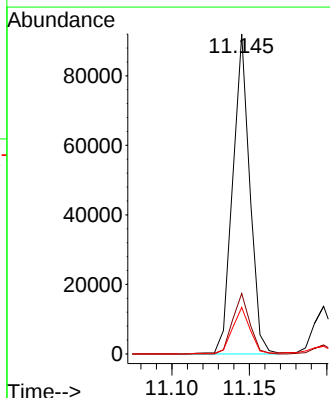
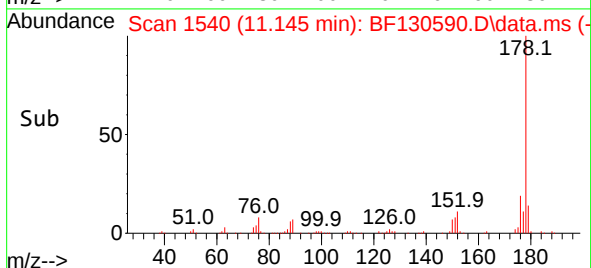
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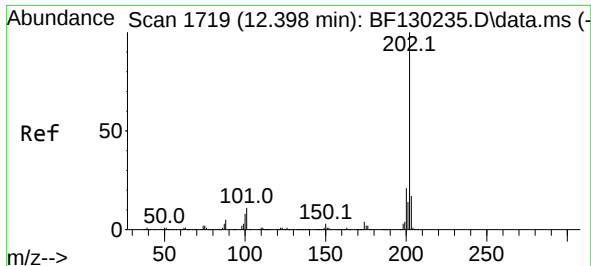


#71
Phenanthrene
Concen: 6.156 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35



Tgt Ion:178 Resp: 70295
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 14.6 12.4 18.6





#75
Fluoranthene
Concen: 6.062 ng
RT: 12.327 min Scan# 1741
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

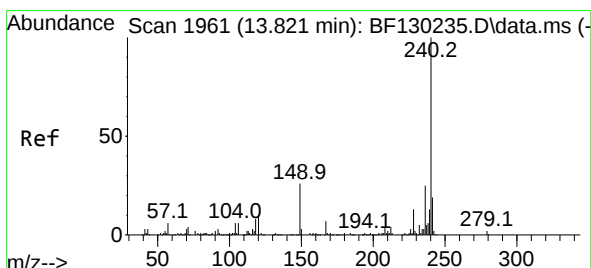
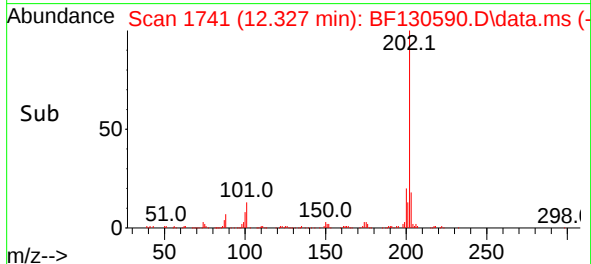
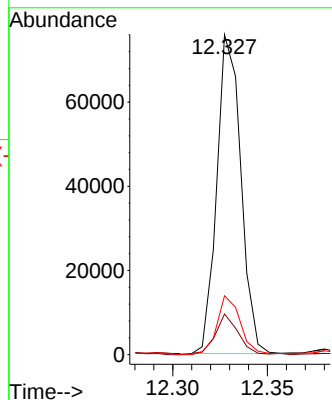
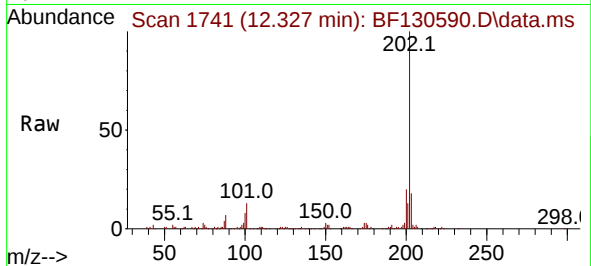
Instrument :
BNA_F
ClientSampleId :
R-1

Tgt Ion:202 Resp: 6688
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.8
203 18.4 0.0 37.8

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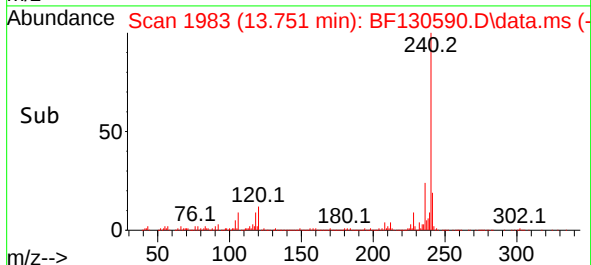
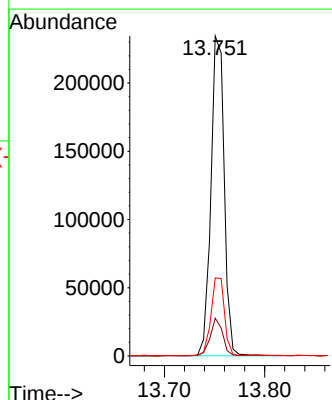
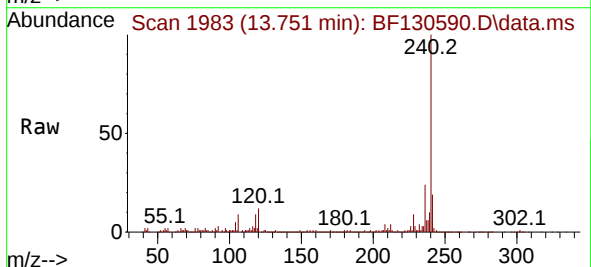
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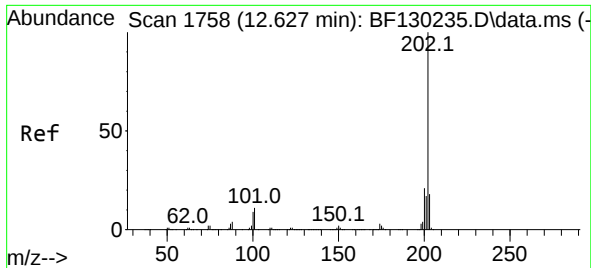
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Upadhyay
10/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

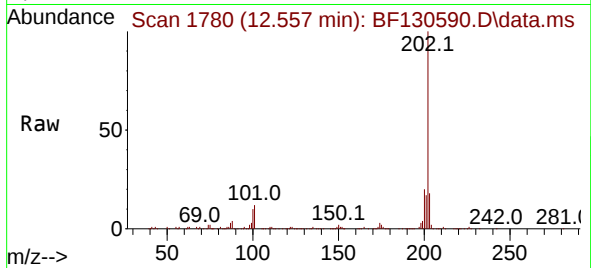
Tgt Ion:240 Resp: 216356
Ion Ratio Lower Upper
240 100
120 11.8 8.7 13.1
236 24.4 20.9 31.3





#78
Pyrene
Concen: 5.040 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

Instrument :
BNA_F
ClientSampleId :
R-1

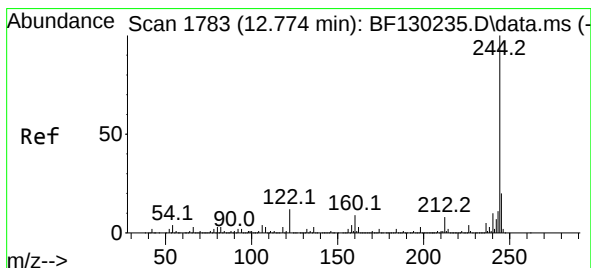
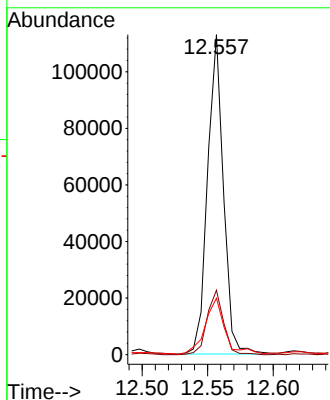


Tgt Ion:202 Resp: 9538
Ion Ratio Lower Upper
202 100
200 20.2 17.2 25.8
203 17.6 14.3 21.5

Manual Integrations
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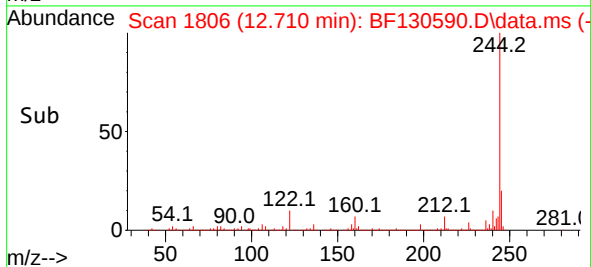
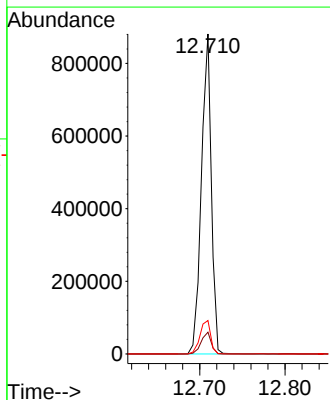
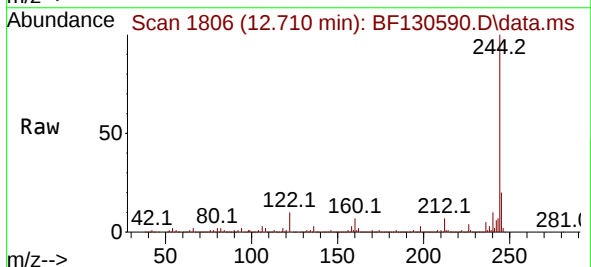
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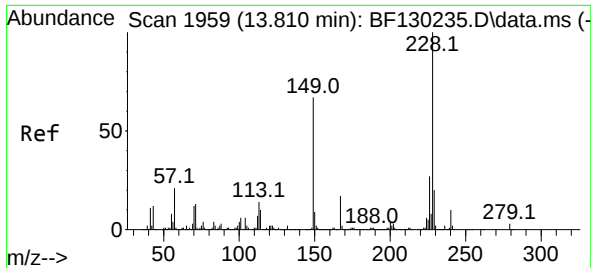
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10/10/2022



#79
Terphenyl-d14
Concen: 54.452 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

Tgt Ion:244 Resp: 711206
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.4 8.5 12.7





#81
Benzo(a)anthracene
Concen: 3.261 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

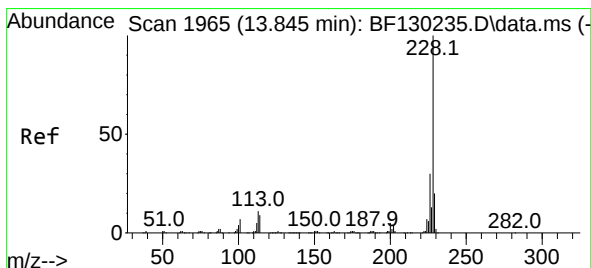
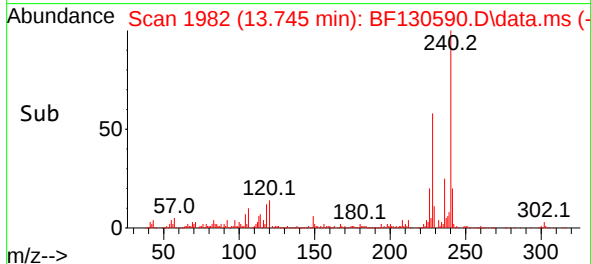
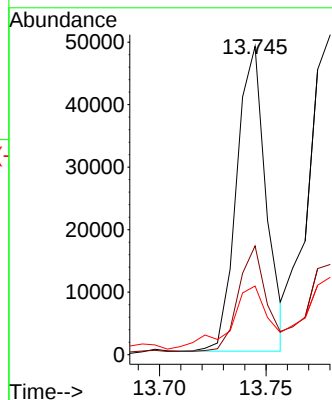
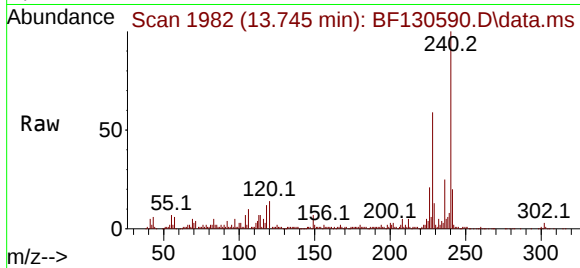
Instrument :
BNA_F
ClientSampleId :
R-1

Tgt Ion:228 Resp: 46930
Ion Ratio Lower Upper
228 100
226 35.3 21.9 32.9
229 22.3 16.1 24.1

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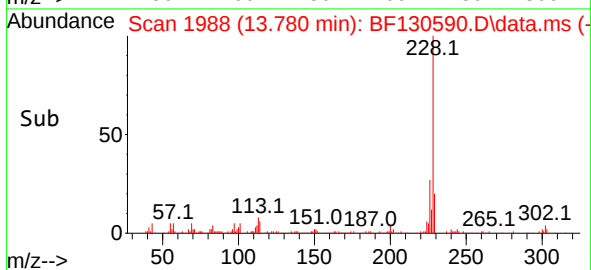
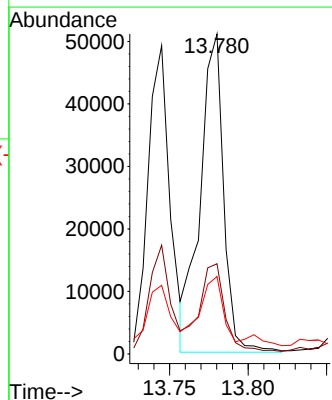
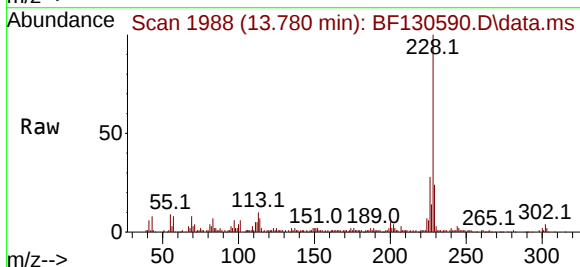
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

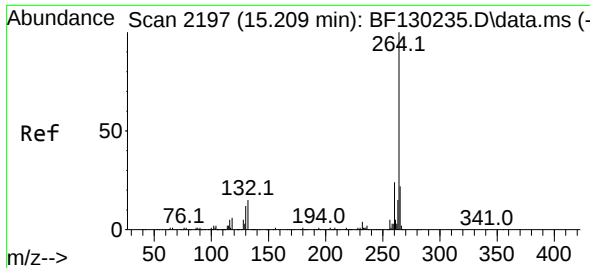
Supervised By :Jagrut
Upadhyay
10/10/2022



#83
Chrysene
Concen: 3.880 ng m
RT: 13.780 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

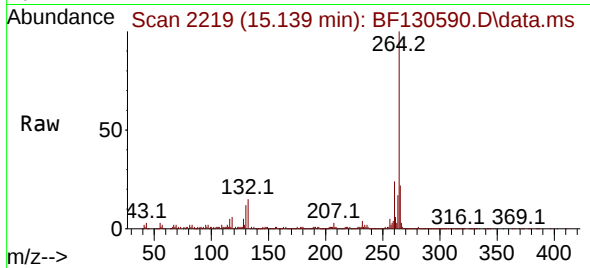
Tgt Ion:228 Resp: 53020
Ion Ratio Lower Upper
228 100
226 28.2 23.8 35.8
229 24.2 15.3 22.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.139 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF130590.D
 Acq: 07 Oct 2022 23:35

Instrument :
 BNA_F
 ClientSampleId :
 R-1

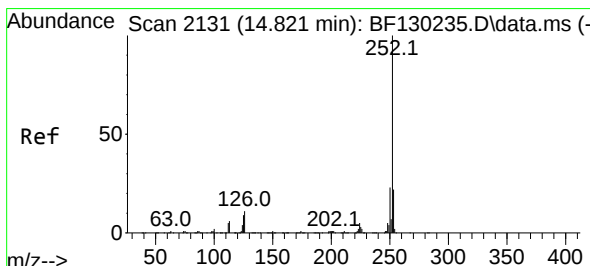
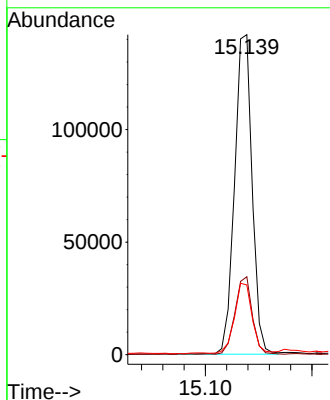
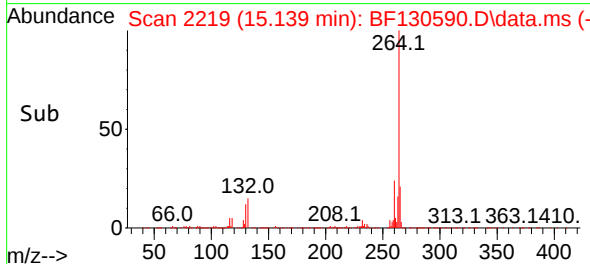


Tgt Ion:264 Resp: 16315
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.8 17.0 25.4

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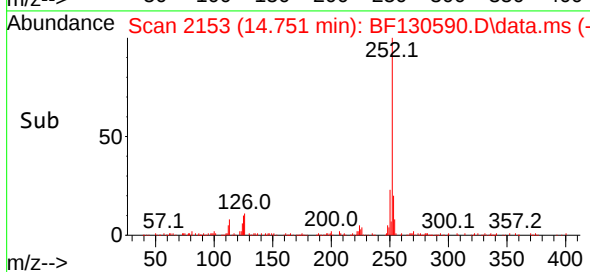
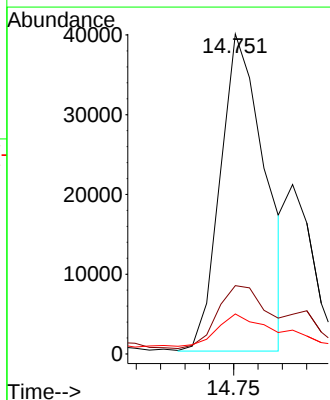
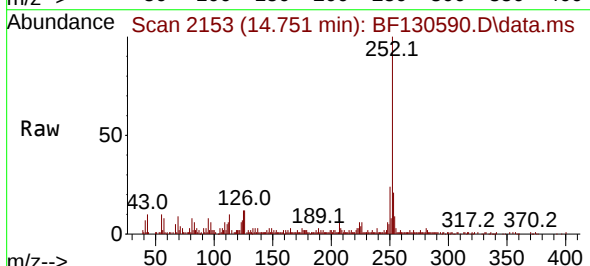
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

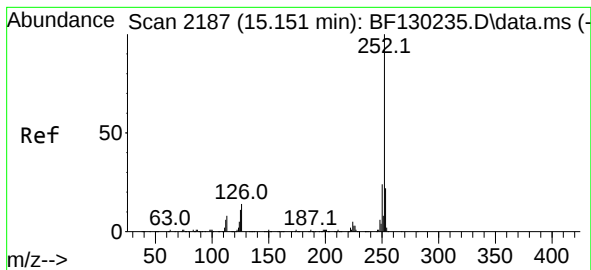
Supervised By :Jagrut
 Upadhyay
 10/10/2022



#88
 Benzo(b)fluoranthene
 Concen: 4.759 ng m
 RT: 14.751 min Scan# 2153
 Delta R.T. -0.012 min
 Lab File: BF130590.D
 Acq: 07 Oct 2022 23:35

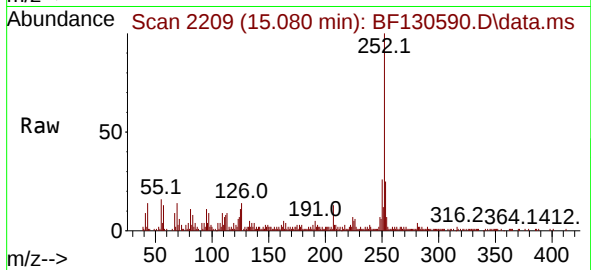
Tgt Ion:252 Resp: 50674
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.7 26.5
 125 12.5 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 4.109 ng
RT: 15.080 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BF130590.D
Acq: 07 Oct 2022 23:35

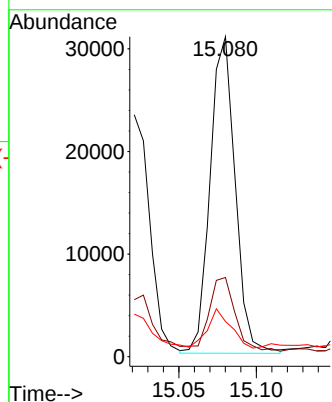
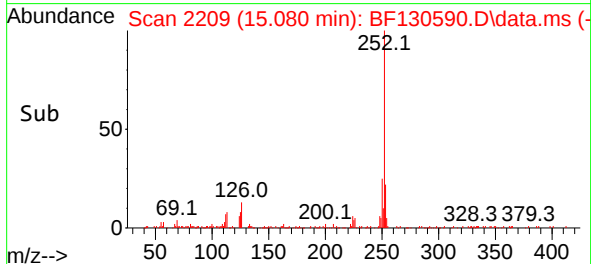
Instrument :
BNA_F
ClientSampleId :
R-1



Tgt Ion:252 Resp: 34664
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 11.0 9.0 13.6

Manual Integrations
APPROVED

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



Supervised By :Jagrut
Upadhyay
10/10/2022