

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130587.D
 Acq On : 07 Oct 2022 21:57
 Operator : CG\JU
 Sample : N5046-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-2

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:46:37 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	69113	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	242888	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	103085	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	166565	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	174313	20.000	ng	-0.01
86) Perylene-d12	15.133	264	156868	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	434888	109.140	ng	0.00
7) Phenol-d6	6.257	99	509068	102.104	ng	-0.01
23) Nitrobenzene-d5	7.181	82	321249	67.571	ng	-0.01
42) 2,4,6-Tribromophenol	10.428	330	108659	110.006	ng	-0.01
45) 2-Fluorobiphenyl	8.969	172	505519	71.410	ng	-0.01
79) Terphenyl-d14	12.704	244	509770	48.443	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.145	178	55650	5.951	ng	100
75) Fluoranthene	12.327	202	59199	6.551	ng	99
78) Pyrene	12.557	202	89272	5.854	ng	96
81) Benzo(a)anthracene	13.739	228	38737	3.341	ng	97
83) Chrysene	13.774	228	44016	3.998	ng	97
88) Benzo(b)fluoranthene	14.751	252	38723m	3.782	ng	
90) Benzo(a)pyrene	15.080	252	28904	3.563	ng	98

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

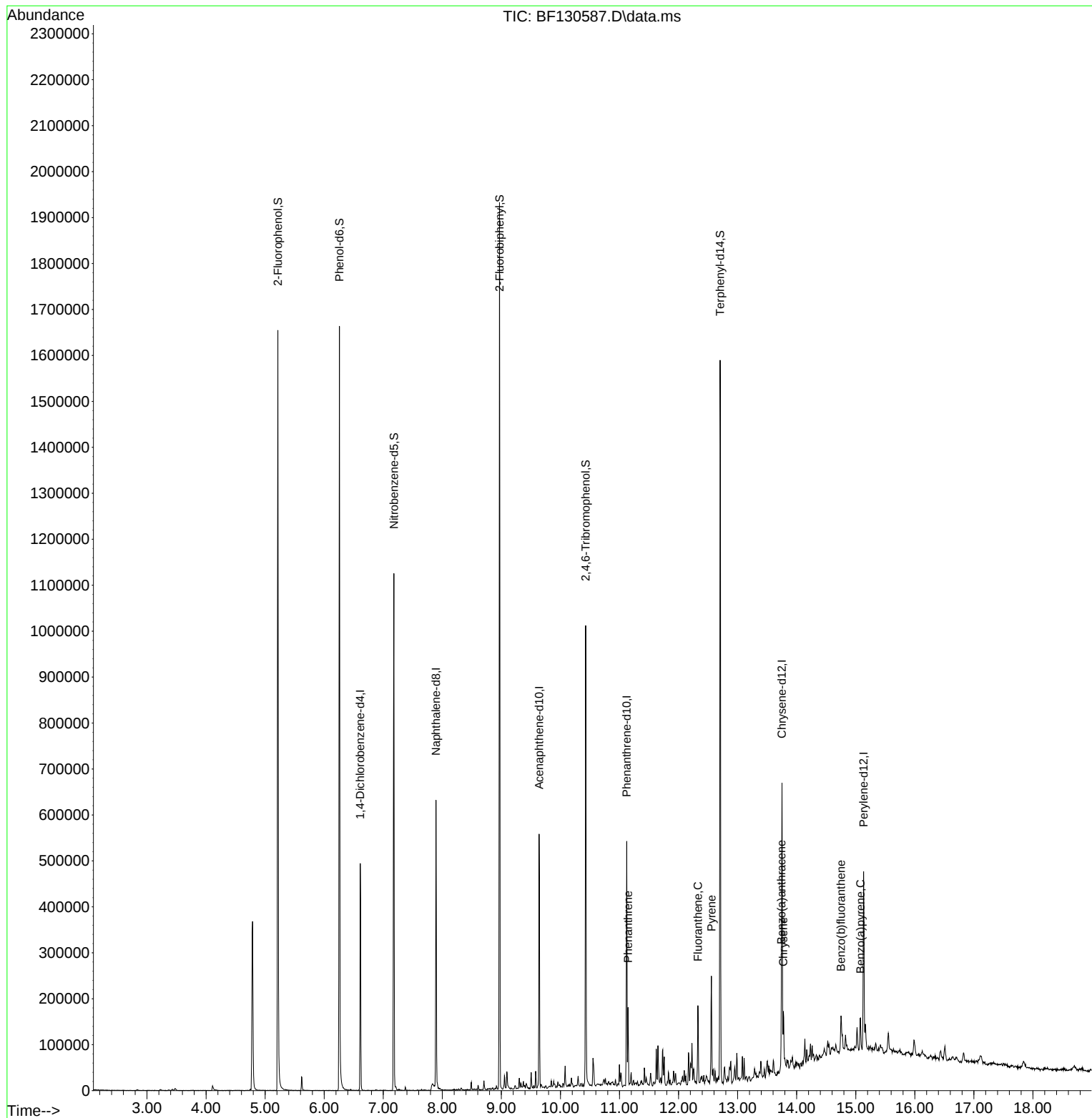
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130587.D
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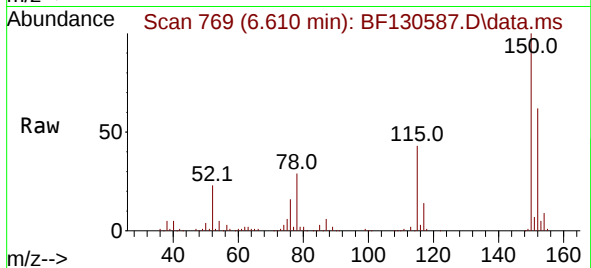
Reviewed By : Christian Giraldo 10/10/2022
Supervised By : Jagrut Upadhyay 10/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

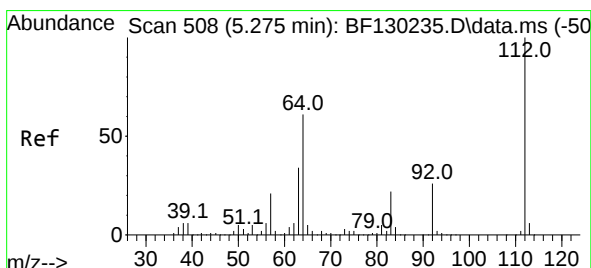
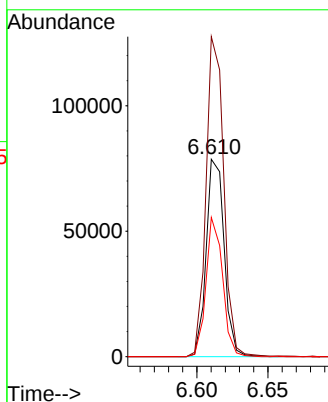
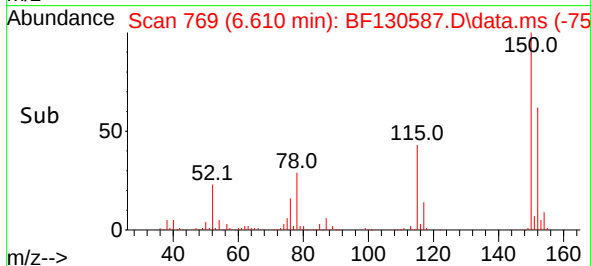
Instrument :
BNA_F
ClientSampleId :
R-2



Tgt Ion:152 Resp: 6911
Ion Ratio Lower Upper
152 100
150 162.0 122.8 184.2
115 70.5 53.8 80.8

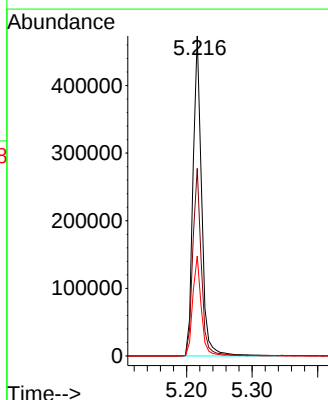
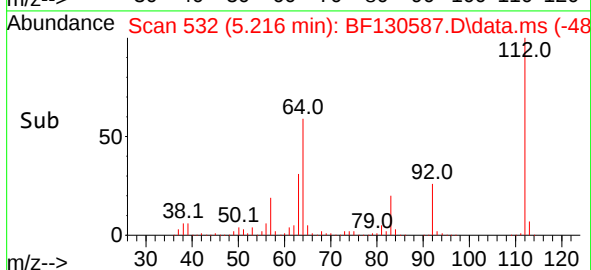
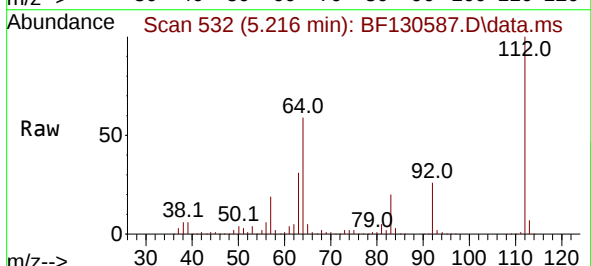
Manual Integrations
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#5
2-Fluorophenol
Concen: 109.140 ng
RT: 5.216 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

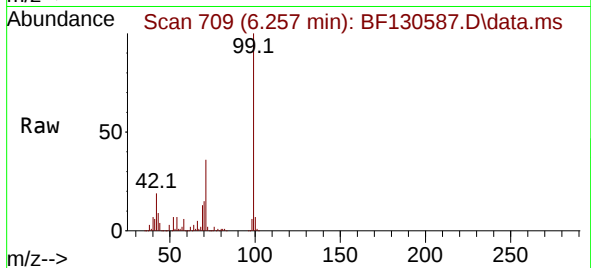
Tgt Ion:112 Resp: 434888
Ion Ratio Lower Upper
112 100
64 58.6 51.4 77.0
63 31.2 28.8 43.2





#7
Phenol-d6
Concen: 102.104 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

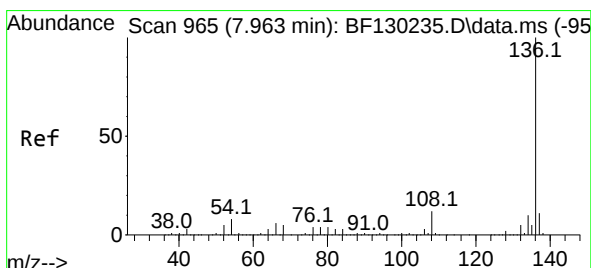
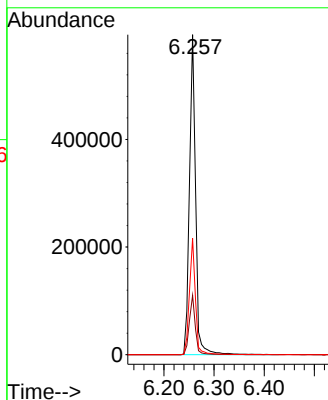
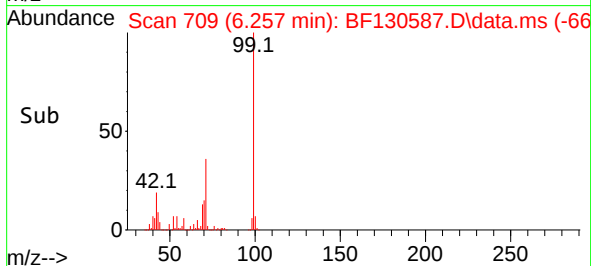
Instrument :
BNA_F
ClientSampleId :
R-2



Tgt Ion: 99 Resp: 509068
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 36.3 32.3 48.5

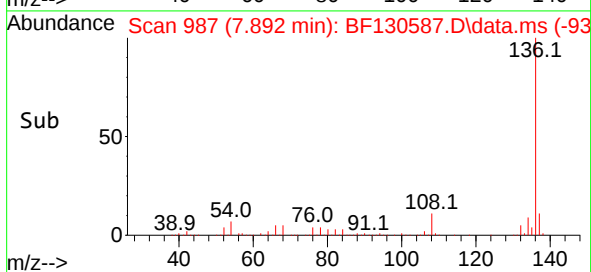
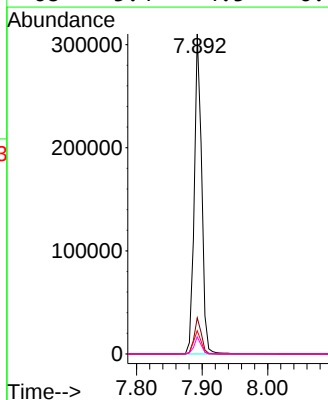
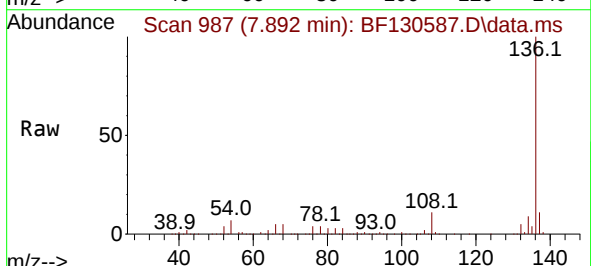
Manual Integrations
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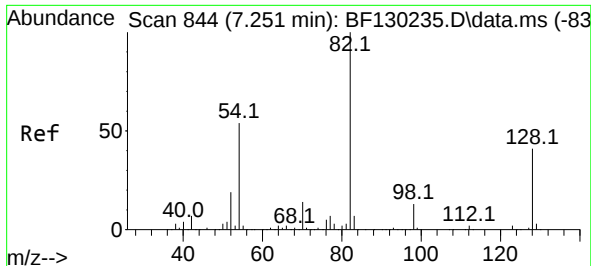
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

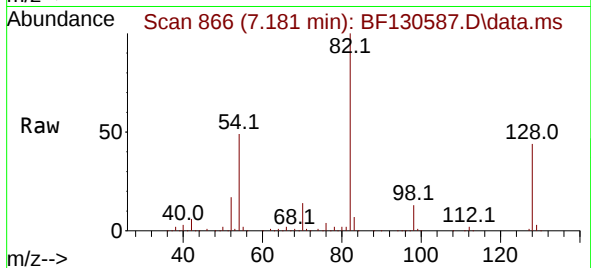
Tgt Ion:136 Resp: 242888
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.3 7.1 10.7
68 5.4 4.5 6.7





#23
Nitrobenzene-d5
Concen: 67.571 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

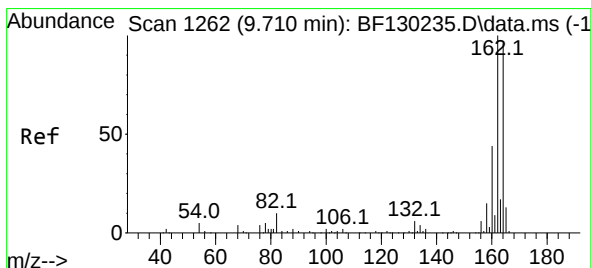
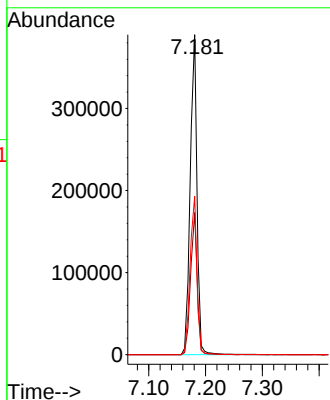
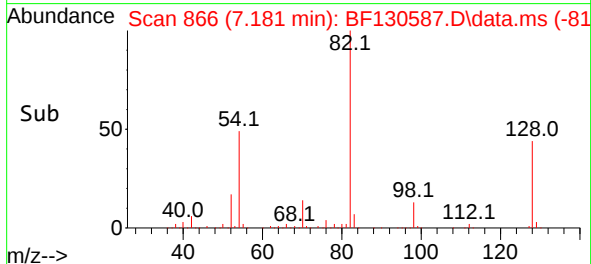
Instrument :
BNA_F
ClientSampleId :
R-2



Tgt Ion: 82 Resp: 321249
Ion Ratio Lower Upper
82 100
128 44.4 32.6 49.0
54 49.5 43.8 65.6

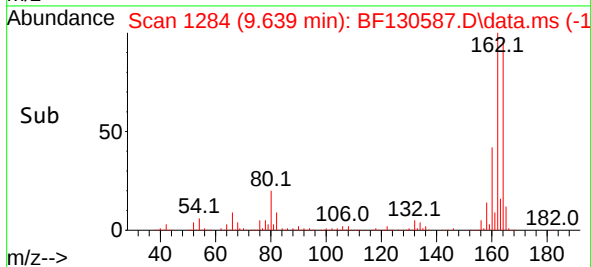
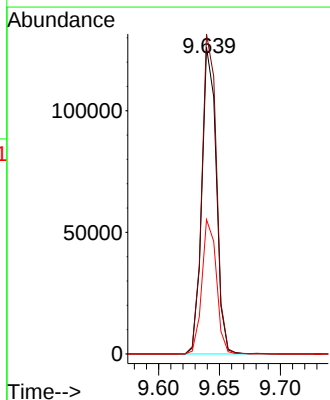
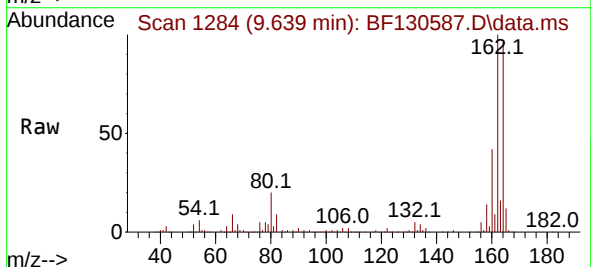
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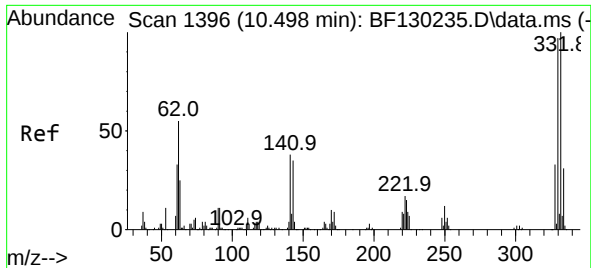
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

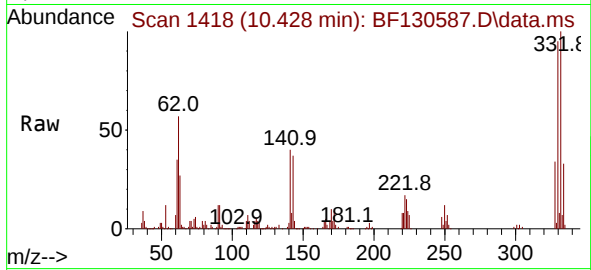
Tgt Ion:164 Resp: 103085
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 43.8 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 110.006 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

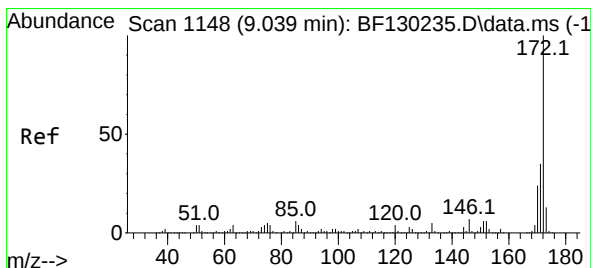
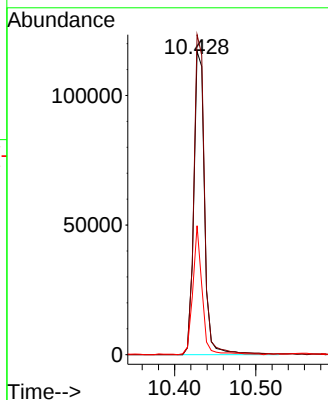
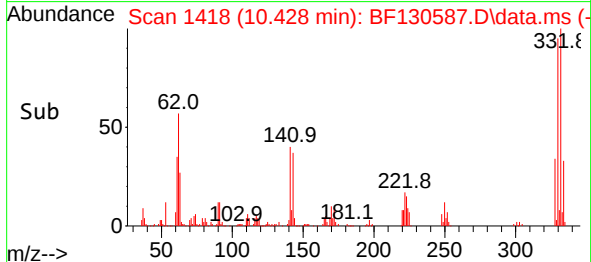
Instrument :
BNA_F
ClientSampleId :
R-2



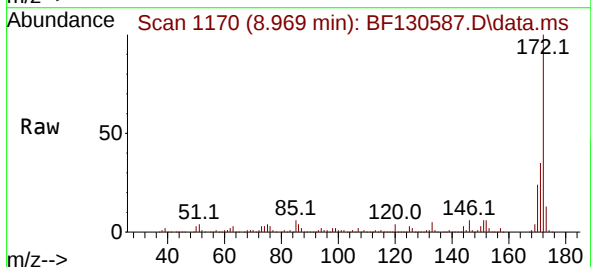
Tgt Ion:330 Resp: 108659
Ion Ratio Lower Upper
330 100
332 104.0 83.4 125.2
141 37.0 34.0 51.0

Manual Integrations
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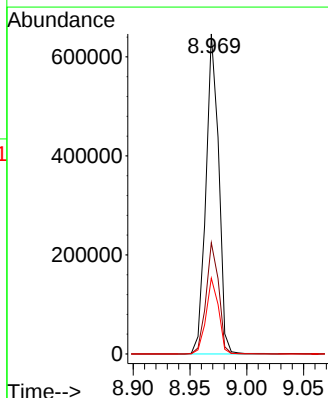
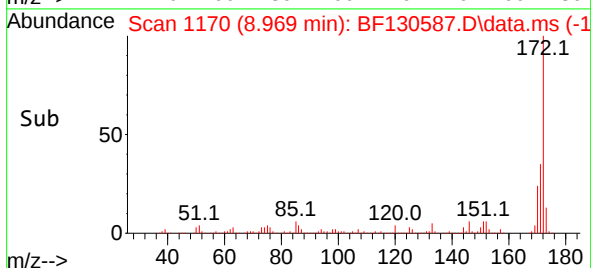
Reviewed By :Christian Giraldo 10/10/2022
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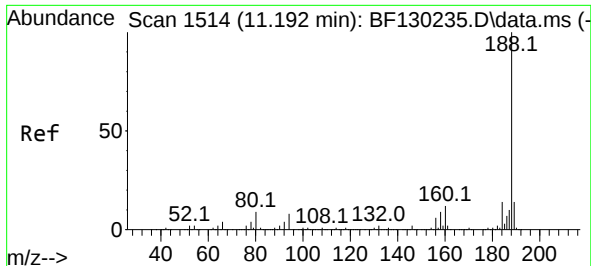


#45
2-Fluorobiphenyl
Concen: 71.410 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57



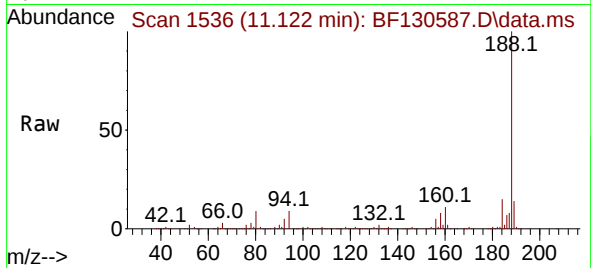
Tgt Ion:172 Resp: 505519
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.7 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

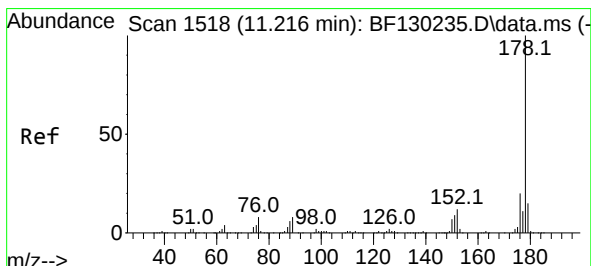
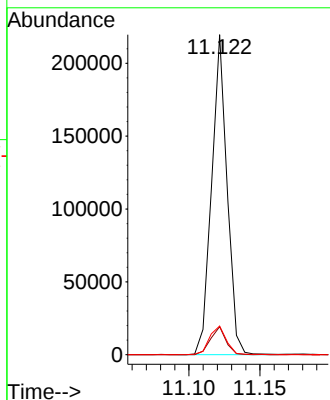
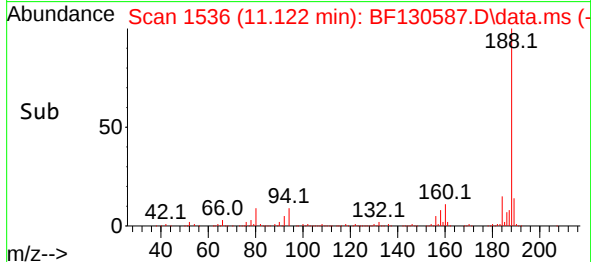
Instrument :
BNA_F
ClientSampleId :
R-2



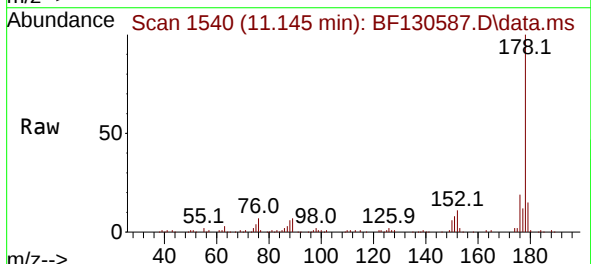
Tgt Ion:188 Resp: 16656
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.0 7.9 11.9

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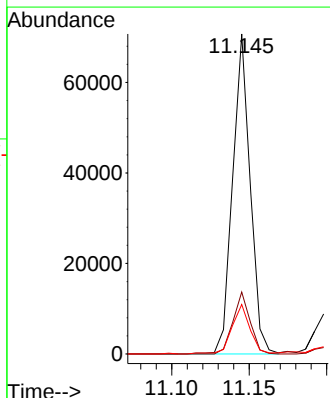
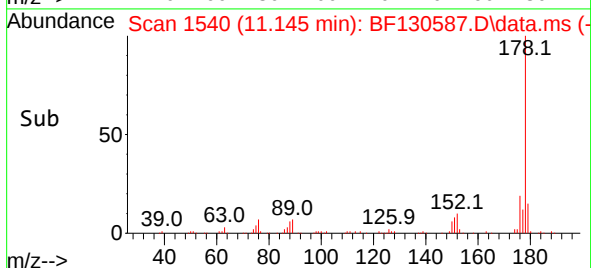
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

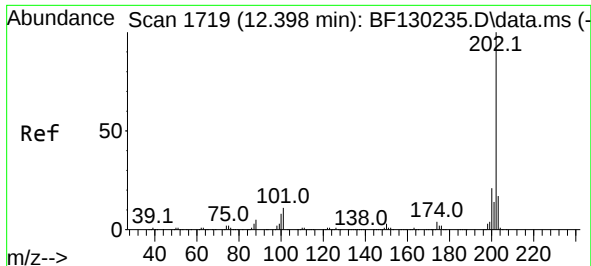


#71
Phenanthrene
Concen: 5.951 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57



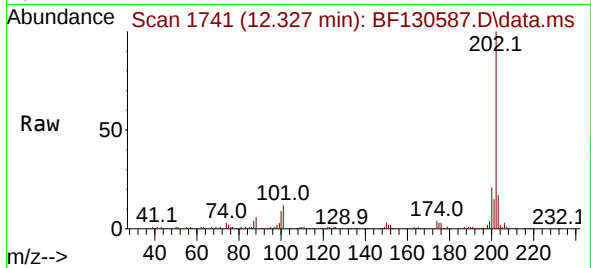
Tgt Ion:178 Resp: 55650
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6





#75
Fluoranthene
Concen: 6.551 ng
RT: 12.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

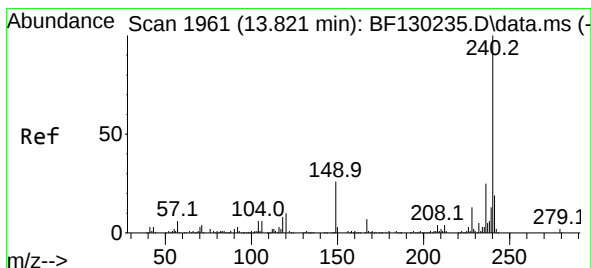
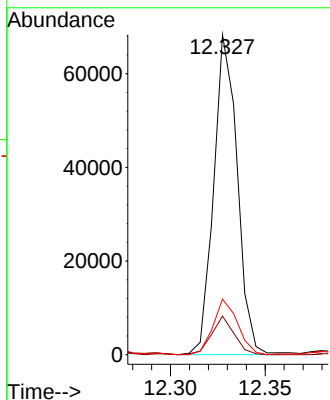
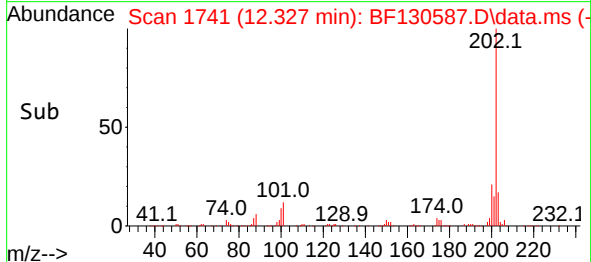
Instrument :
BNA_F
ClientSampleId :
R-2



Tgt Ion:202 Resp: 5919
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.8
203 17.4 0.0 37.8

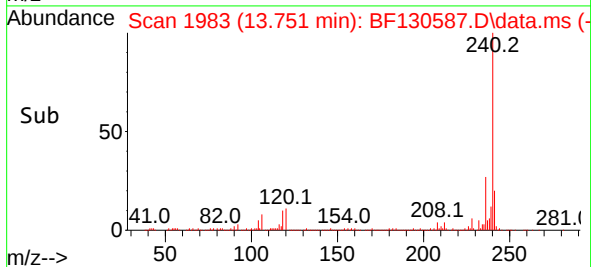
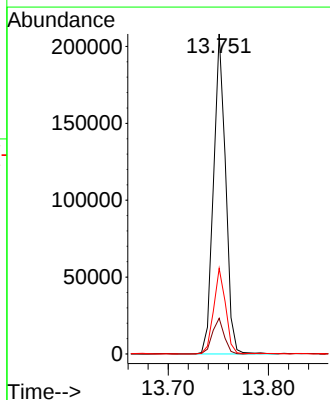
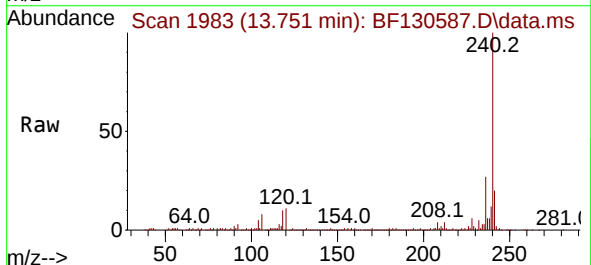
Manual Integrations
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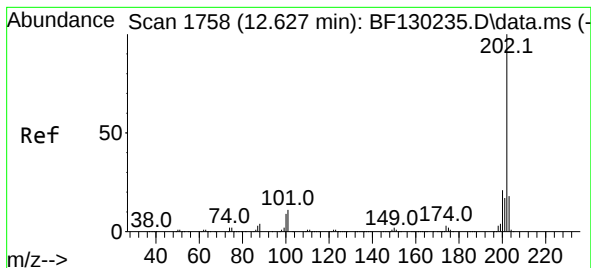
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

Tgt Ion:240 Resp: 174313
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 26.7 20.9 31.3





#78

Pyrene

Concen: 5.854 ng

RT: 12.557 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130587.D

Acq: 07 Oct 2022 21:57

Instrument :

BNA_F

ClientSampleId :

R-2

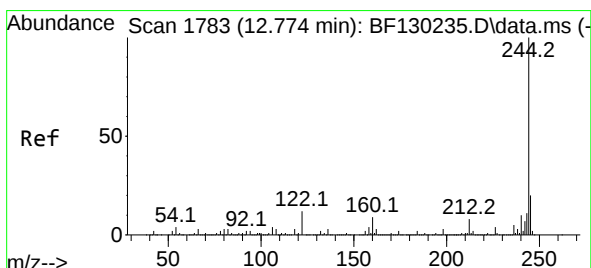
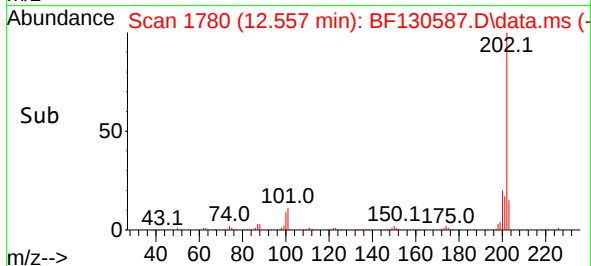
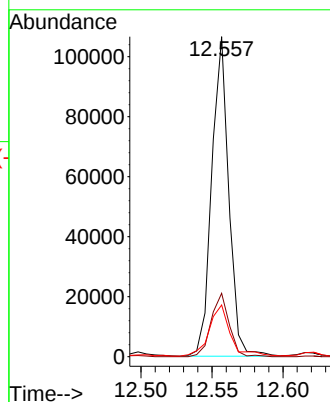
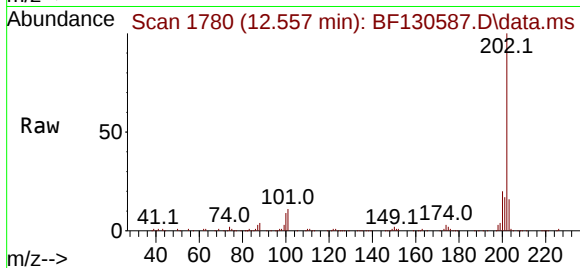
Tgt Ion:	202	Resp:	8927
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.2	25.8
203	16.1	14.3	21.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/10/2022



#79

Terphenyl-d14

Concen: 48.443 ng

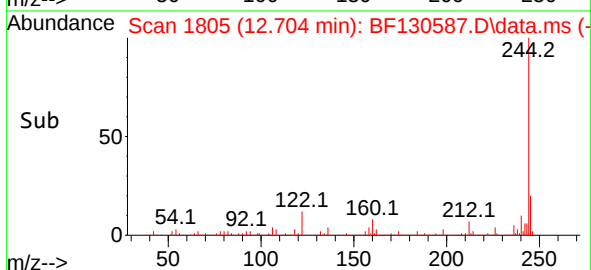
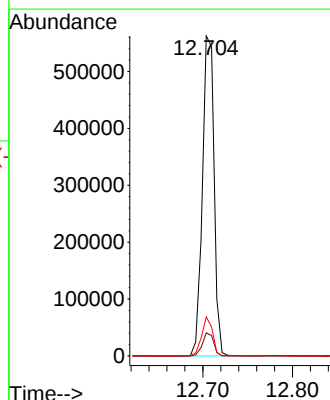
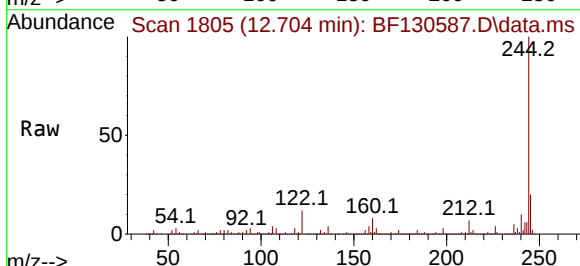
RT: 12.704 min Scan# 1805

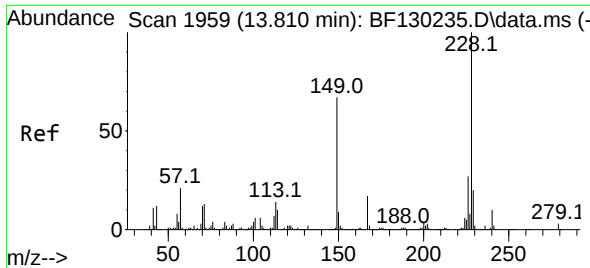
Delta R.T. -0.012 min

Lab File: BF130587.D

Acq: 07 Oct 2022 21:57

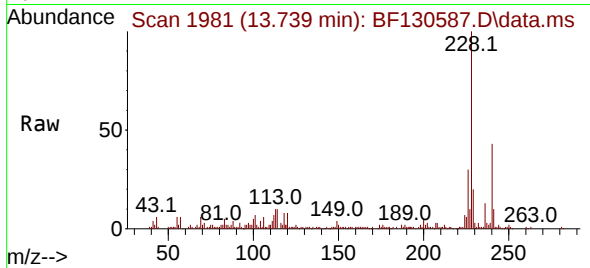
Tgt Ion:	244	Resp:	509770
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.9	8.9
122	12.2	8.5	12.7





#81
Benzo(a)anthracene
Concen: 3.341 ng
RT: 13.739 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

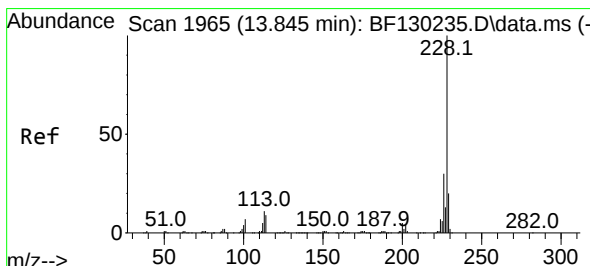
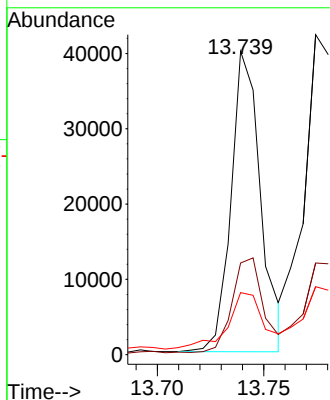
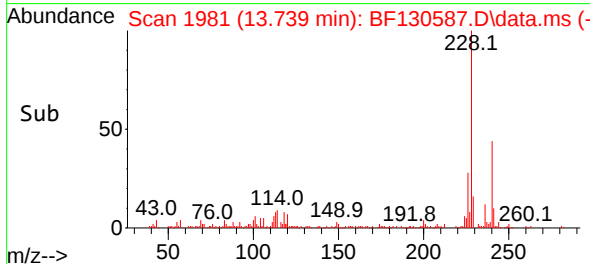
Instrument :
BNA_F
ClientSampleId :
R-2



Tgt Ion:228 Resp: 3873
Ion Ratio Lower Upper
228 100
226 30.2 21.9 32.9
229 20.5 16.1 24.1

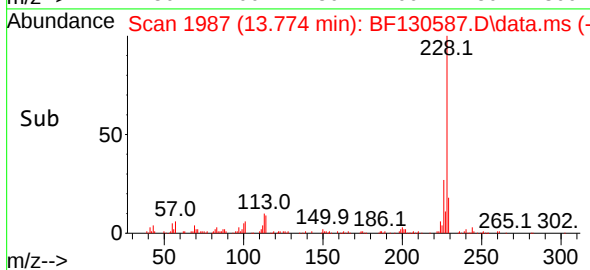
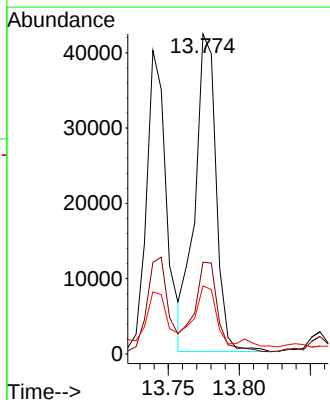
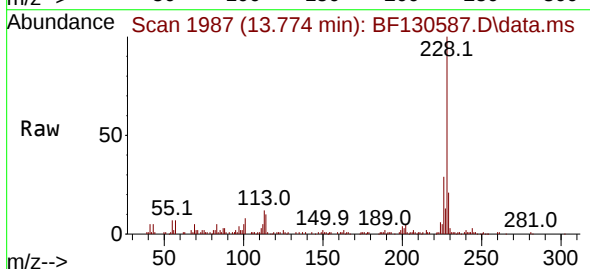
Manual Integrations
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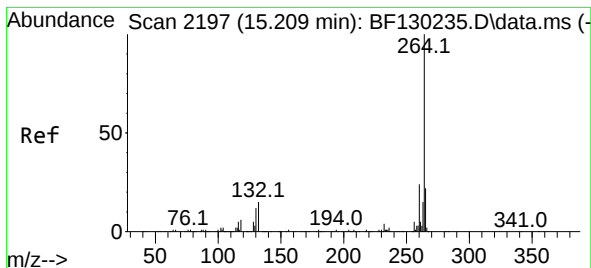
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#83
Chrysene
Concen: 3.998 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

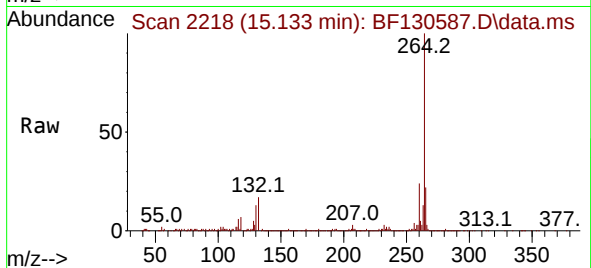
Tgt Ion:228 Resp: 44016
Ion Ratio Lower Upper
228 100
226 28.7 23.8 35.8
229 21.2 15.3 22.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.133 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

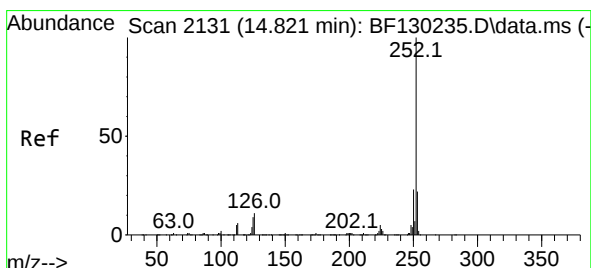
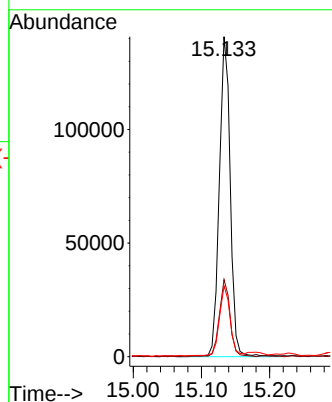
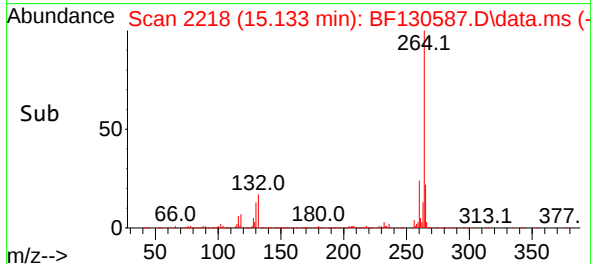
Instrument :
BNA_F
ClientSampleId :
R-2



Tgt Ion:264 Resp: 15686
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 22.1 17.0 25.4

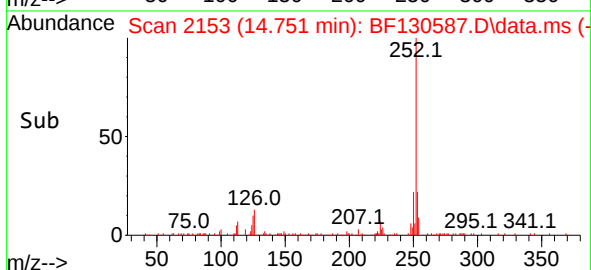
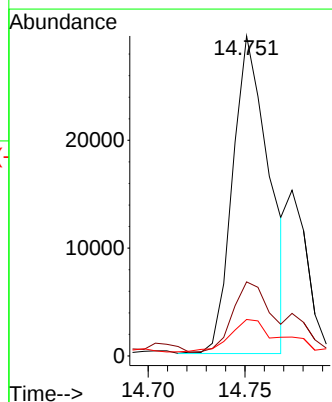
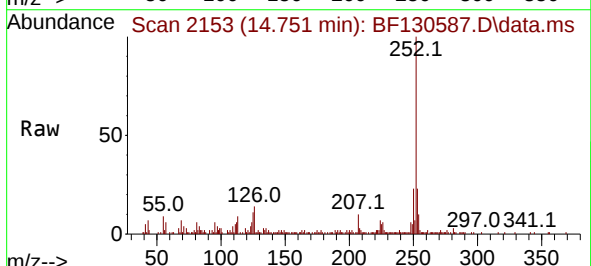
Manual Integrations
APPROVED

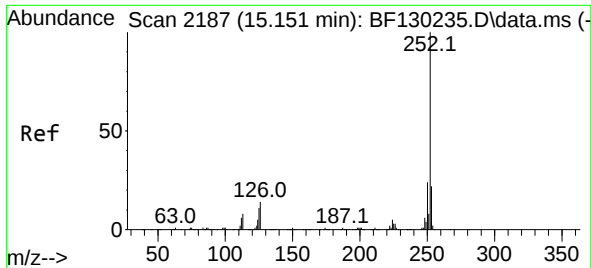
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#88
Benzo(b)fluoranthene
Concen: 3.782 ng m
RT: 14.751 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

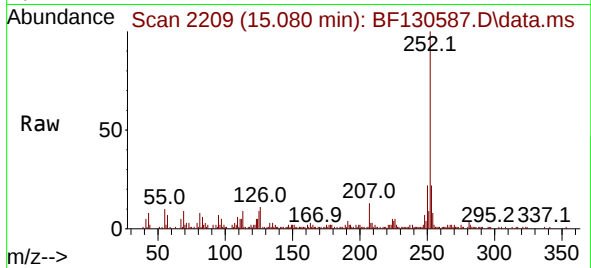
Tgt Ion:252 Resp: 38723
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 11.4 8.1 12.1





#90
Benzo(a)pyrene
Concen: 3.563 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130587.D
Acq: 07 Oct 2022 21:57

Instrument :
BNA_F
ClientSampleId :
R-2



Tgt Ion:252 Resp: 28904
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.4 9.0 13.6

Manual Integrations
APPROVED

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

