

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130581.D
 Acq On : 07 Oct 2022 18:33
 Operator : CG\JU
 Sample : N5018-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-(5-10)

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:44:34 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	84200	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	331803	20.000	ng	-0.01
39) Acenaphthene-d10	9.645	164	158969	20.000	ng	0.00
64) Phenanthrene-d10	11.121	188	228441	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	210882	20.000	ng	#-0.01
86) Perylene-d12	15.139	264	239743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	615565	126.802	ng	0.00
7) Phenol-d6	6.263	99	761443	125.358	ng	0.00
23) Nitrobenzene-d5	7.181	82	485494	74.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	167178	109.753	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	888228	81.364	ng	0.00
79) Terphenyl-d14	12.710	244	719109	56.486	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.145	178	111551	8.698	ng	99
72) Anthracene	11.198	178	25499	2.060	ng	98
75) Fluoranthene	12.333	202	325887	26.295	ng	97
78) Pyrene	12.557	202	252237	13.673	ng	99
81) Benzo(a)anthracene	13.745	228	196107	13.979	ng	95
83) Chrysene	13.780	228	182335	13.688	ng	97
87) Indeno(1,2,3-cd)pyrene	16.433	276	106400	6.258	ng	98
88) Benzo(b)fluoranthene	14.751	252	242494m	15.497	ng	
89) Benzo(k)fluoranthene	14.774	252	81498m	5.295	ng	
90) Benzo(a)pyrene	15.080	252	159286	12.849	ng	99
91) Dibenzo(a,h)anthracene	16.445	278	30477m	2.185	ng	
92) Benzo(g,h,i)perylene	16.827	276	95585	6.803	ng	97

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

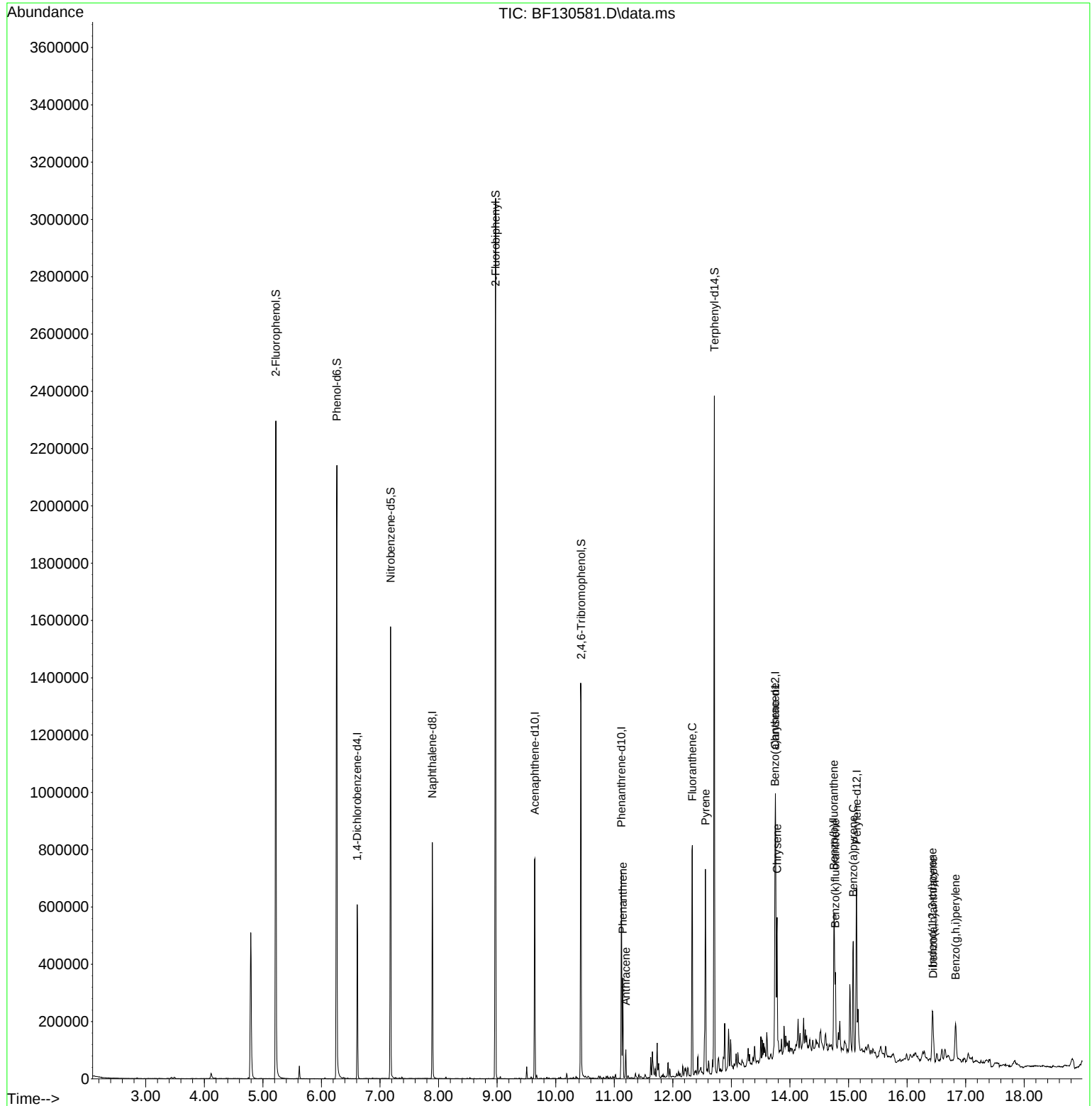
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130581.D
Acq On : 07 Oct 2022 18:33
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Sample : N5018-02
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ALS Vial : 8 Sample Multiplier: 1

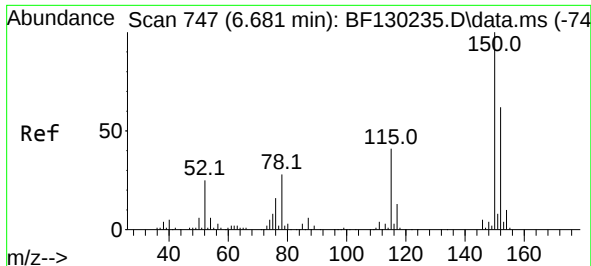
Instrument :
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Quant Time: Oct 10 01:44:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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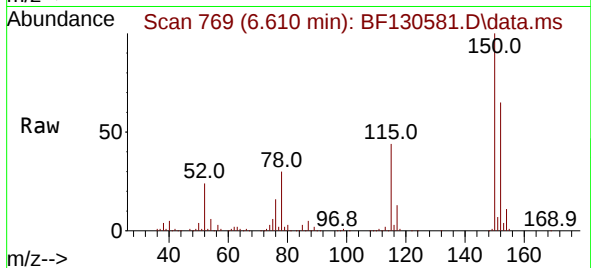
Reviewed By : Christian Giraldo 10/10/2022
Supervised By : Jagrut Upadhyay 10/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

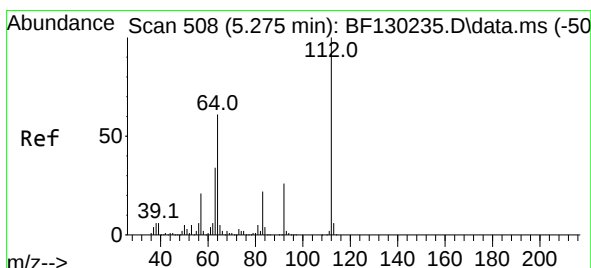
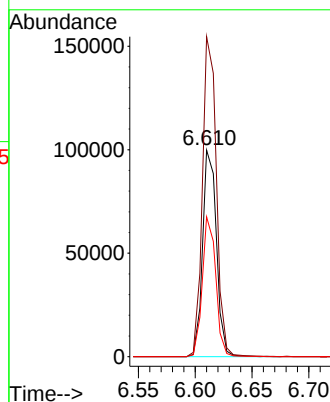
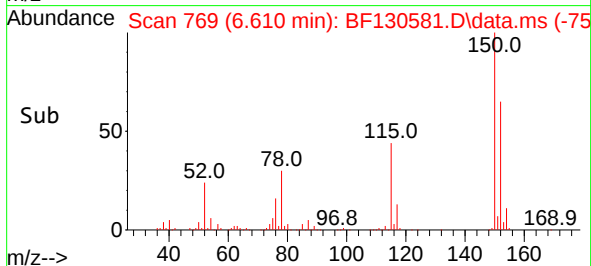
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)



Tgt Ion:152 Resp: 84200
Ion Ratio Lower Upper
152 100
150 154.9 122.8 184.2
115 67.7 53.8 80.8

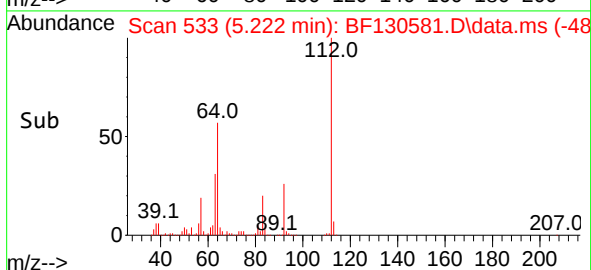
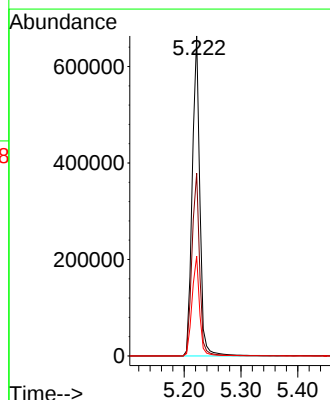
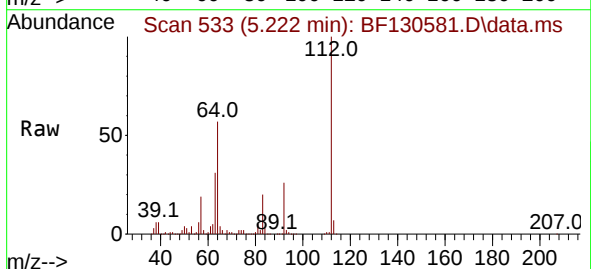
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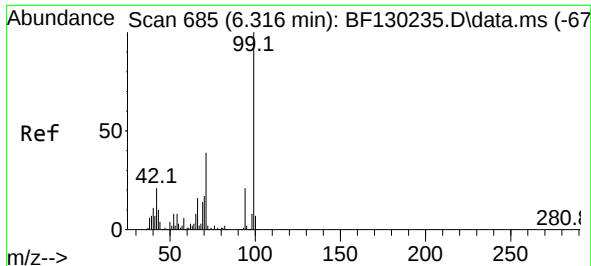
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#5
2-Fluorophenol
Concen: 126.802 ng
RT: 5.222 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

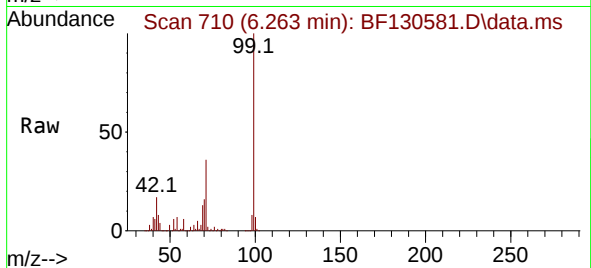
Tgt Ion:112 Resp: 615565
Ion Ratio Lower Upper
112 100
64 57.1 51.4 77.0
63 31.2 28.8 43.2





#7
Phenol-d6
Concen: 125.358 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

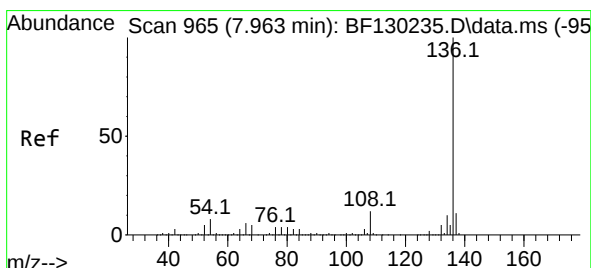
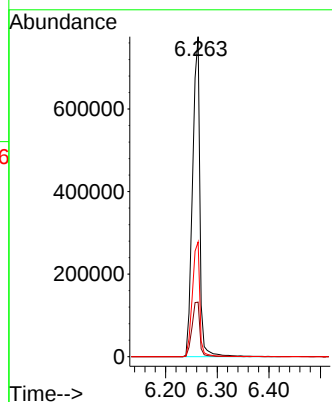
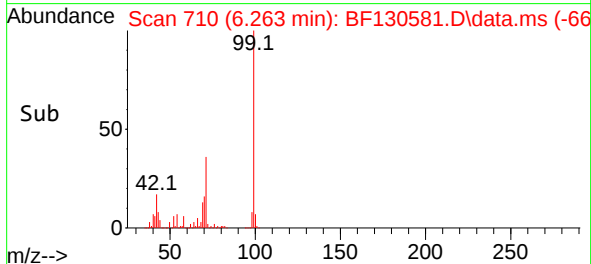
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)



Tgt Ion: 99 Resp: 76144
Ion Ratio Lower Upper
99 100
42 17.0 17.0 25.6
71 35.9 32.3 48.5

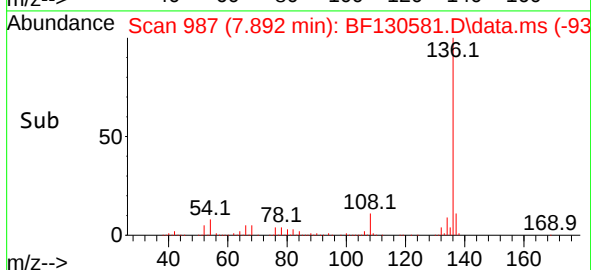
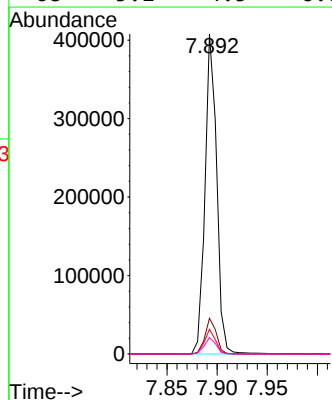
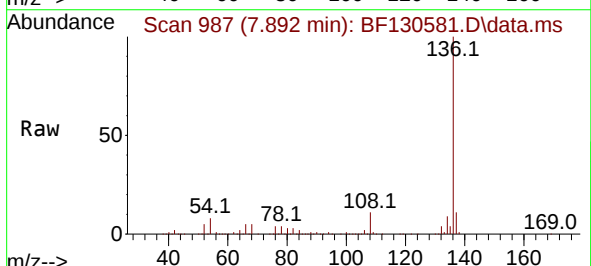
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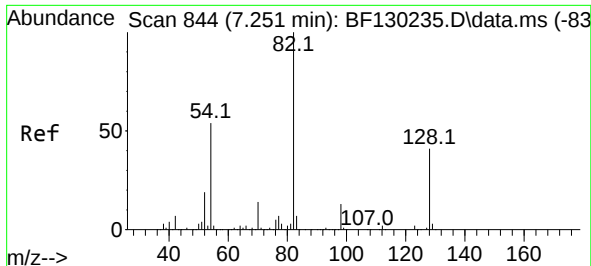
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

Tgt Ion:136 Resp: 331803
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.7 7.1 10.7
68 5.1 4.5 6.7





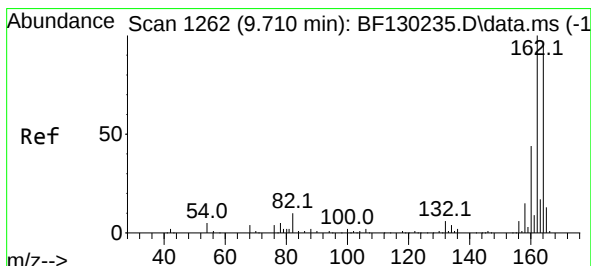
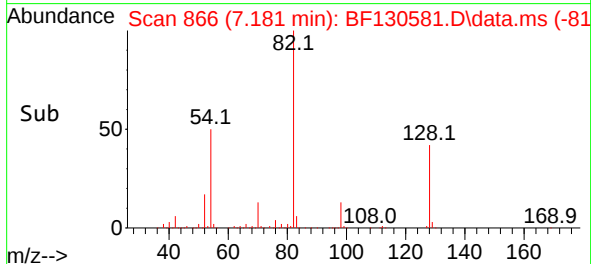
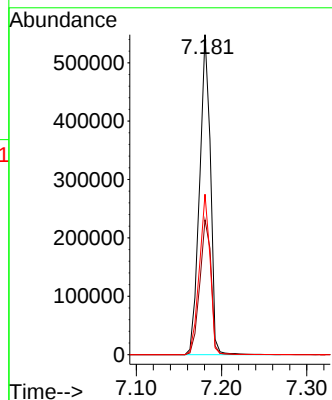
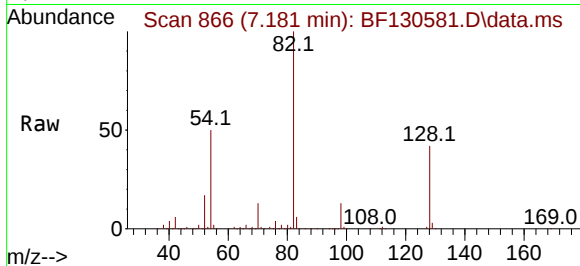
#23
Nitrobenzene-d5
Concen: 74.753 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion: 82 Resp: 485494
Ion Ratio Lower Upper
82 100
128 42.1 32.6 49.0
54 50.1 43.8 65.6

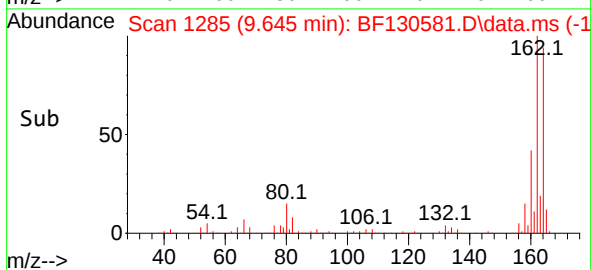
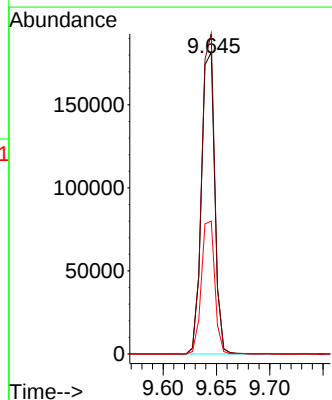
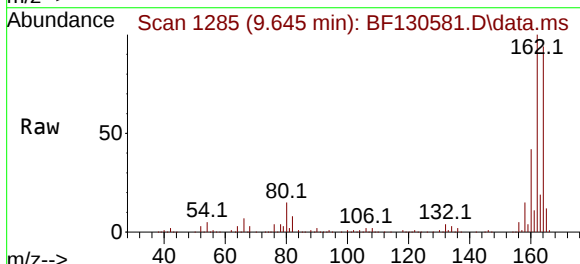
Manual Integrations
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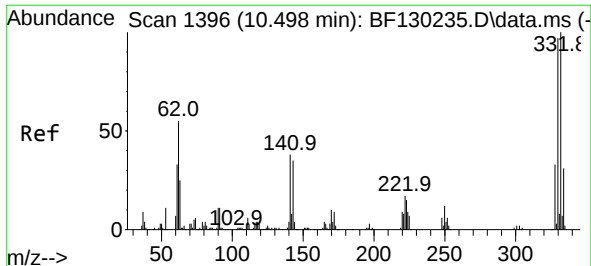
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

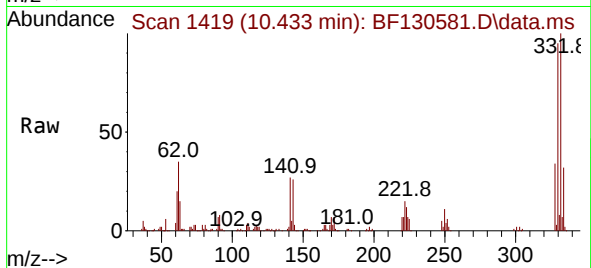
Tgt Ion:164 Resp: 158969
Ion Ratio Lower Upper
164 100
162 106.1 81.4 122.0
160 44.1 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 109.753 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

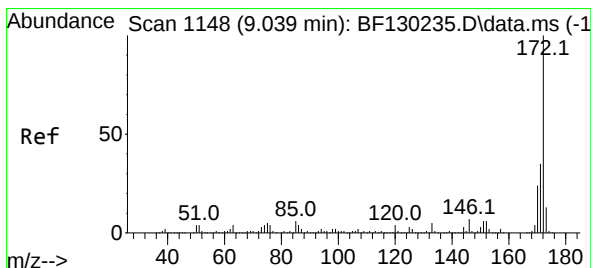
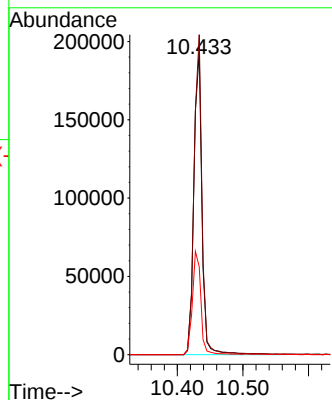
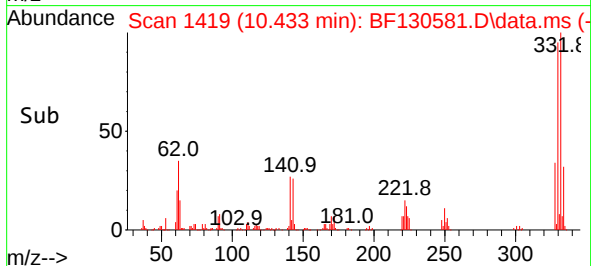
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)



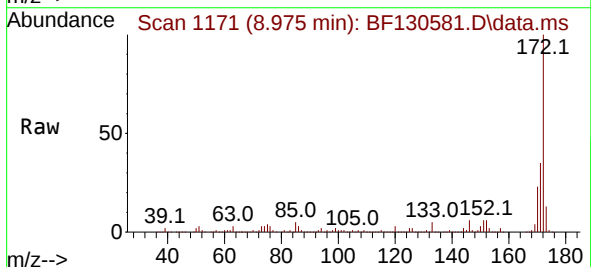
Tgt Ion: 330 Resp: 167178
Ion Ratio Lower Upper
330 100
332 103.8 83.4 125.2
141 35.5 34.0 51.0

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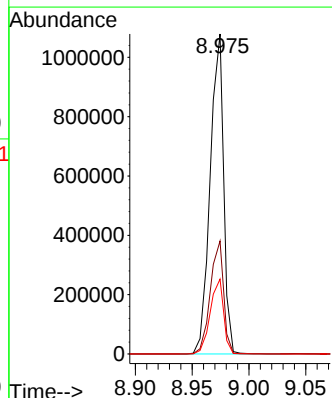
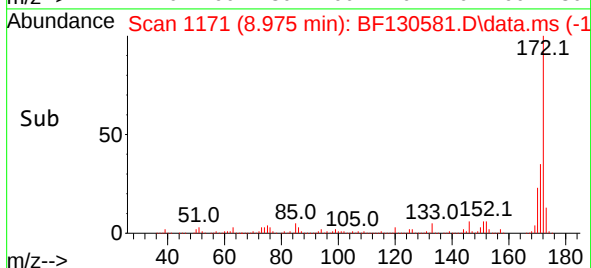
Reviewed By : Christian Giraldo 10/10/2022
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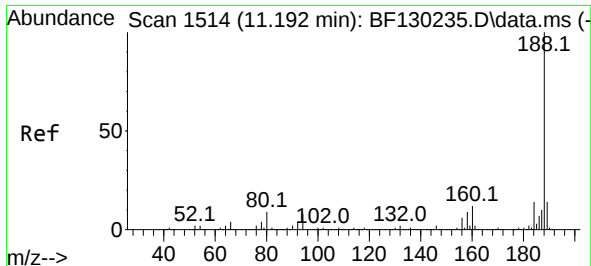


#45
2-Fluorobiphenyl
Concen: 81.364 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33



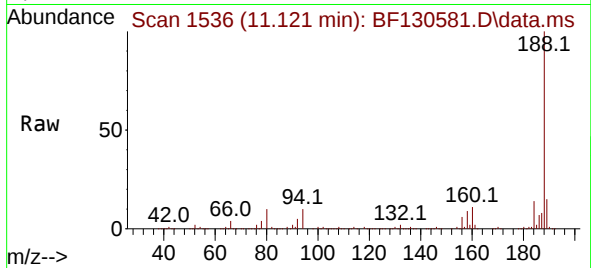
Tgt Ion: 172 Resp: 888228
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.121 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

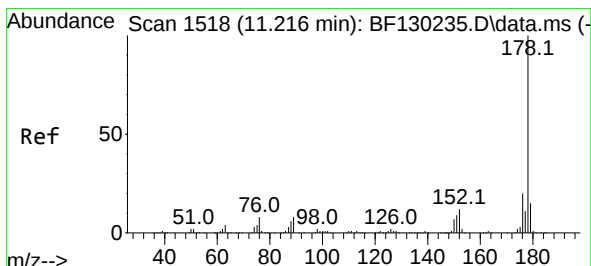
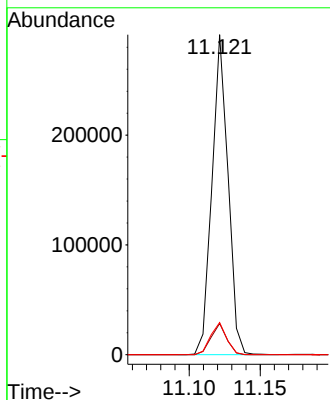
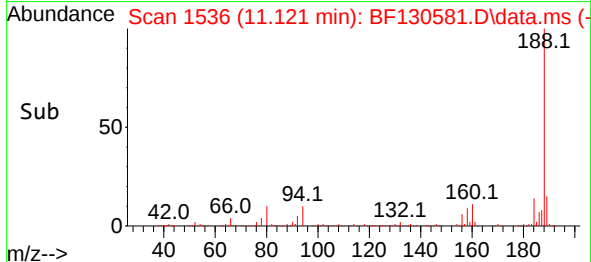
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)



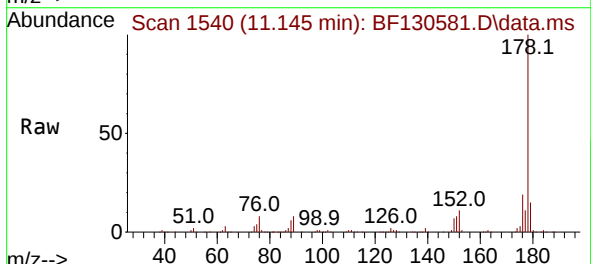
Tgt Ion:188 Resp: 22844
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.1 7.9 11.9

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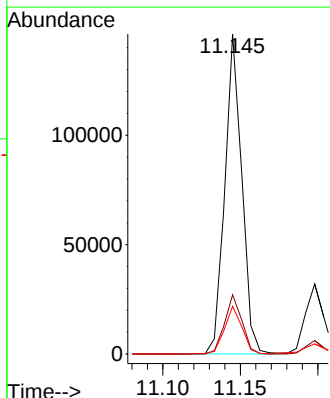
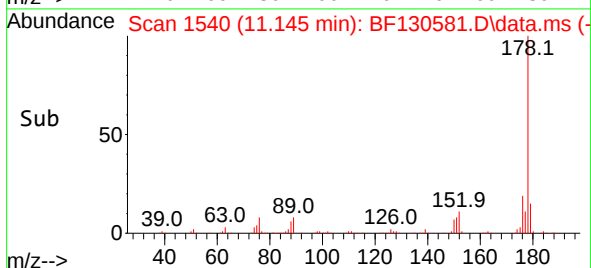
Reviewed By :Christian Giraldo 10/10/2022
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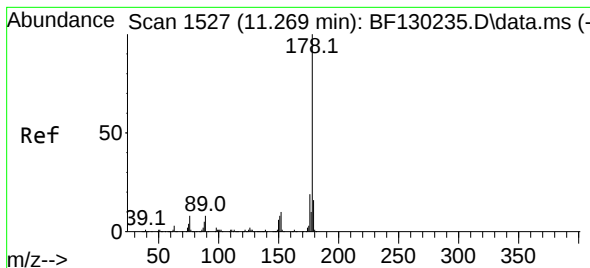


#71
Phenanthrene
Concen: 8.698 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33



Tgt Ion:178 Resp: 111551
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 14.9 12.4 18.6





#72

Anthracene

Concen: 2.060 ng

RT: 11.198 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130581.D

Acq: 07 Oct 2022 18:33

Instrument :

BNA_F

ClientSampleId :

SASP2-T-3-(5-10)

Tgt Ion:178 Resp: 25499

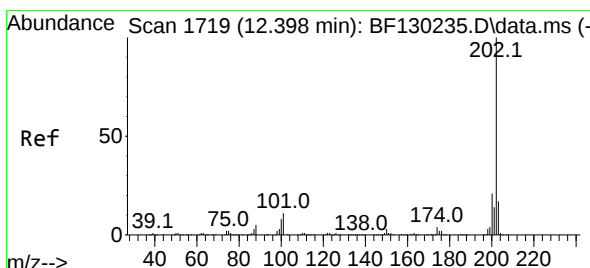
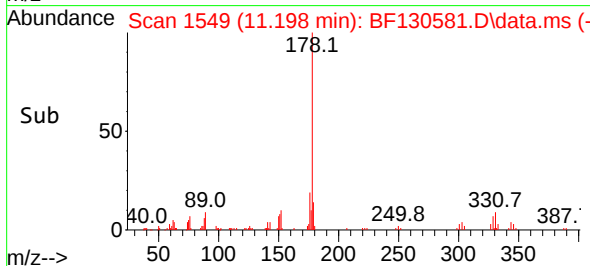
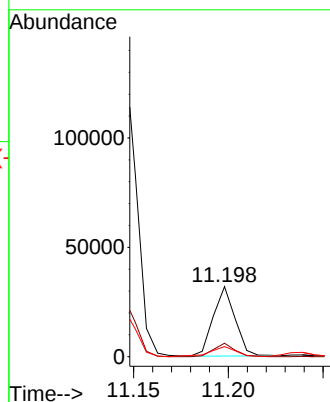
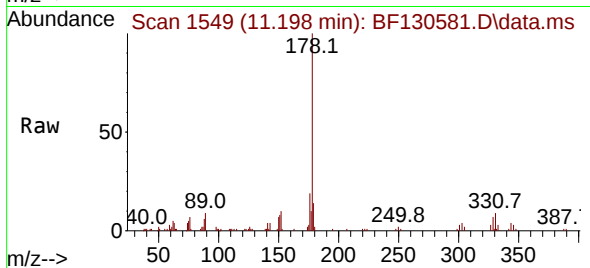
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	14.3	12.7	19.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/10/2022



#75

Fluoranthene

Concen: 26.295 ng

RT: 12.333 min Scan# 1742

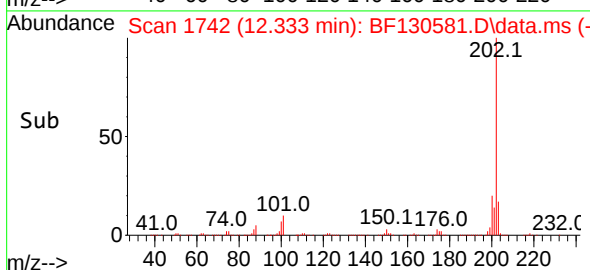
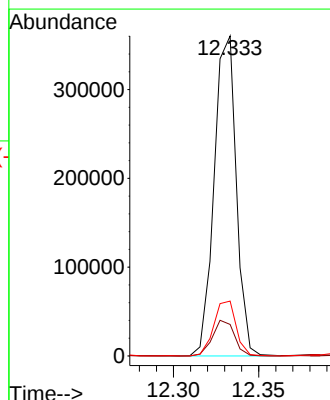
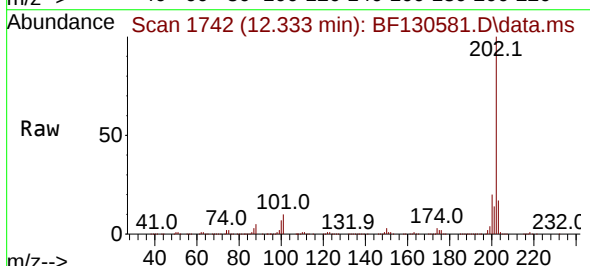
Delta R.T. -0.006 min

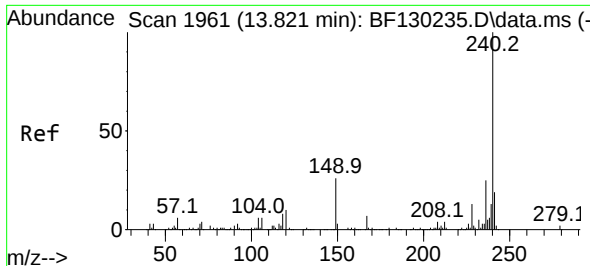
Lab File: BF130581.D

Acq: 07 Oct 2022 18:33

Tgt Ion:202 Resp: 325887

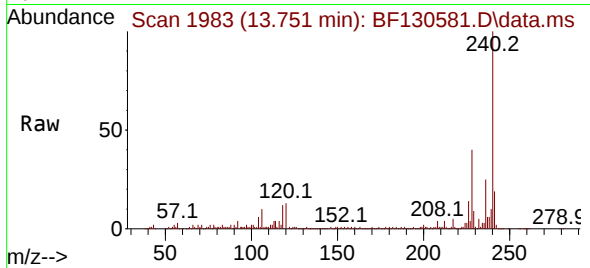
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.8
203	17.1	0.0	37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

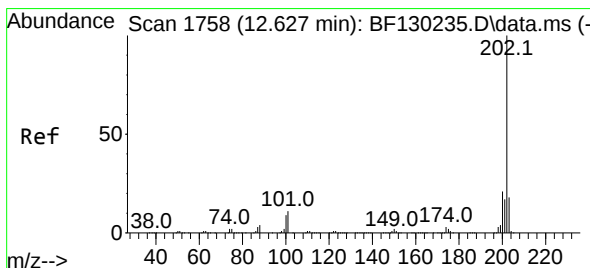
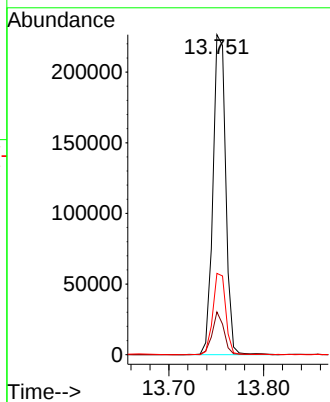
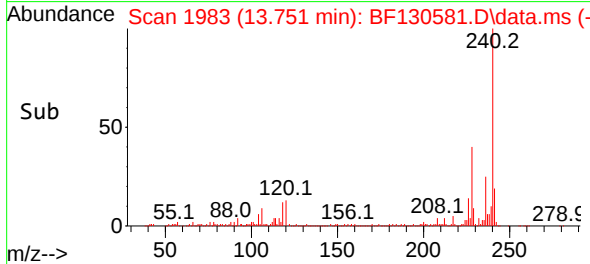
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)



Tgt Ion:240 Resp: 21088
Ion Ratio Lower Upper
240 100
120 13.3 8.7 13.1
236 25.4 20.9 31.3

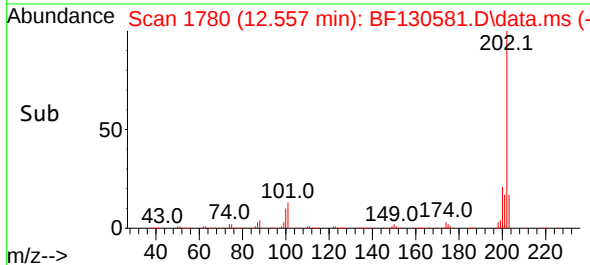
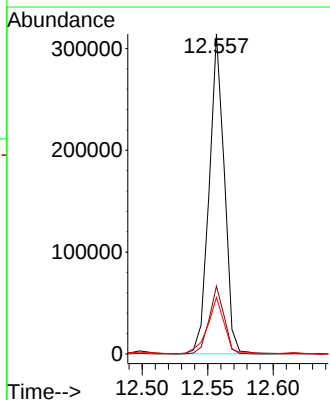
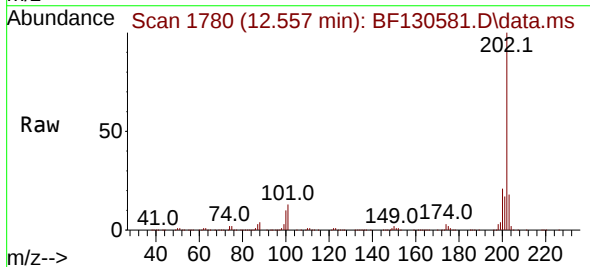
Manual Integrations
APPROVED

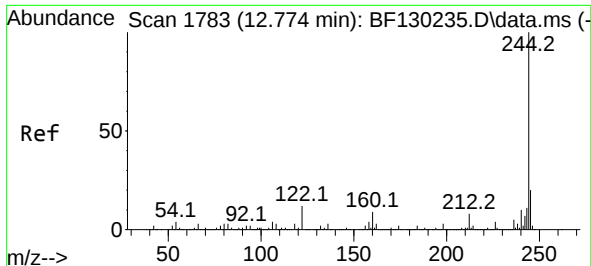
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#78
Pyrene
Concen: 13.673 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

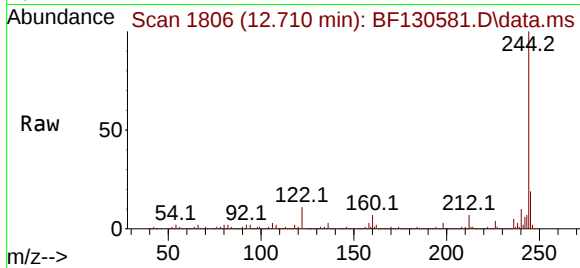
Tgt Ion:202 Resp: 252237
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 56.486 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BF130581.D
 Acq: 07 Oct 2022 18:33

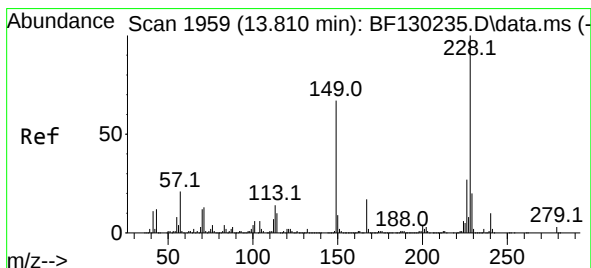
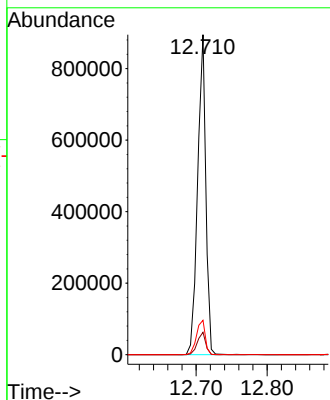
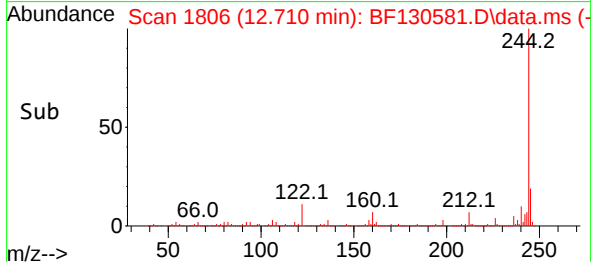
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-(5-10)



Tgt Ion:244 Resp: 719109
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.8 8.5 12.7

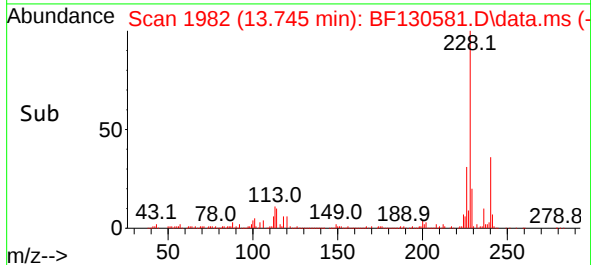
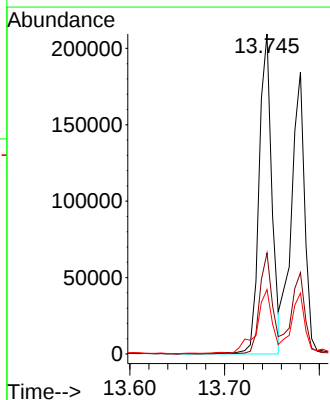
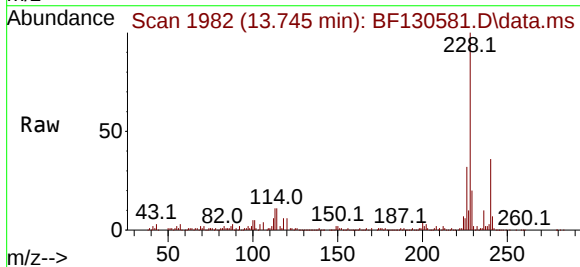
Manual Integrations
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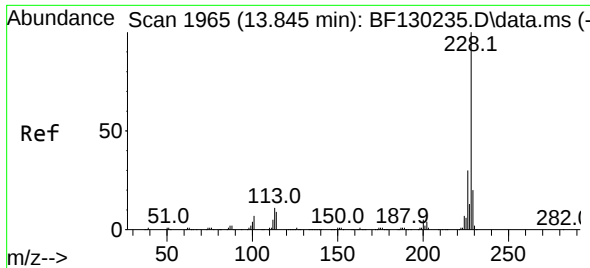
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022



#81
 Benzo(a)anthracene
 Concen: 13.979 ng
 RT: 13.745 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF130581.D
 Acq: 07 Oct 2022 18:33

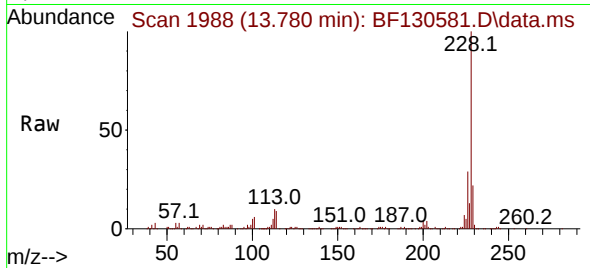
Tgt Ion:228 Resp: 196107
 Ion Ratio Lower Upper
 228 100
 226 31.6 21.9 32.9
 229 20.1 16.1 24.1





#83
Chrysene
Concen: 13.688 ng
RT: 13.780 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

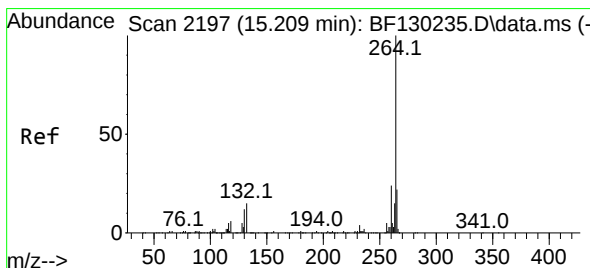
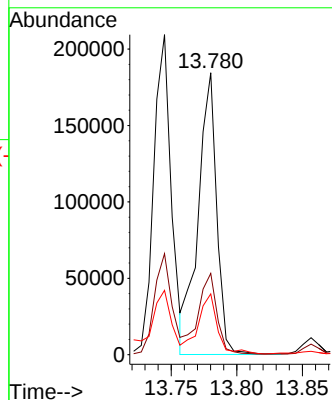
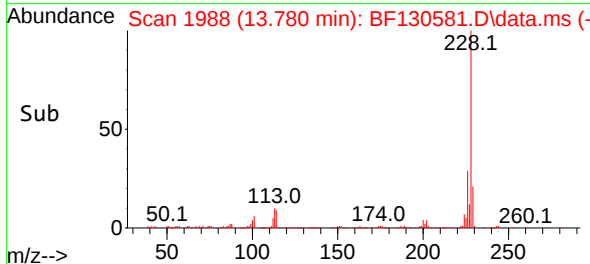
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)



Tgt Ion:228 Resp: 182335
Ion Ratio Lower Upper
228 100
226 28.8 23.8 35.8
229 21.6 15.3 22.9

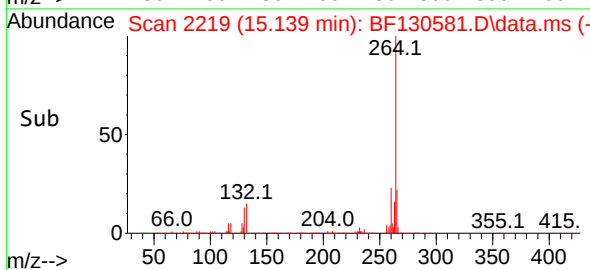
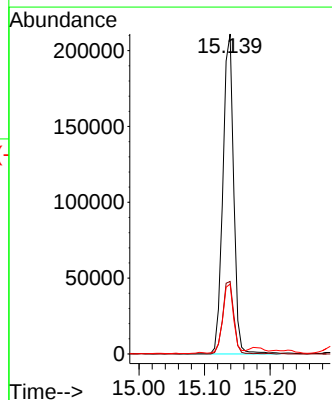
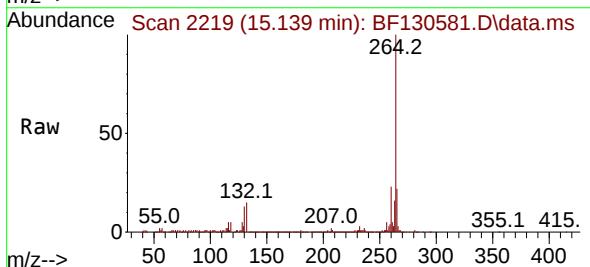
Manual Integrations
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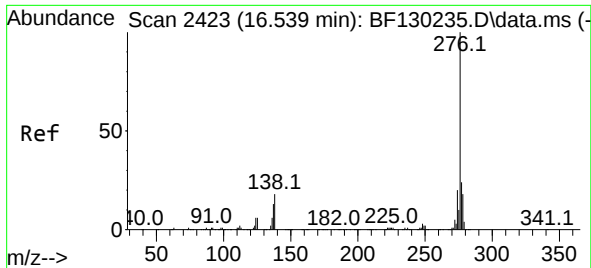
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

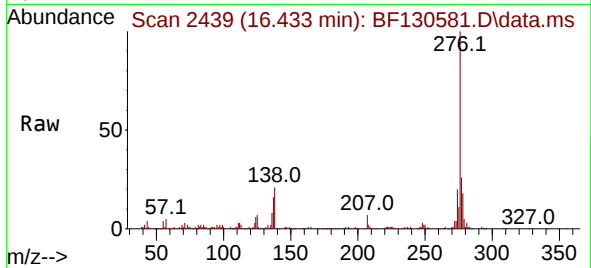
Tgt Ion:264 Resp: 239743
Ion Ratio Lower Upper
264 100
260 22.6 19.3 28.9
265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.258 ng
RT: 16.433 min Scan# 2423
Delta R.T. -0.024 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

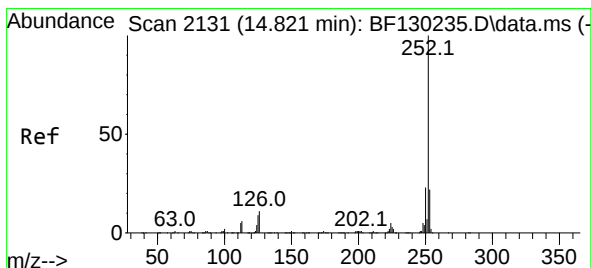
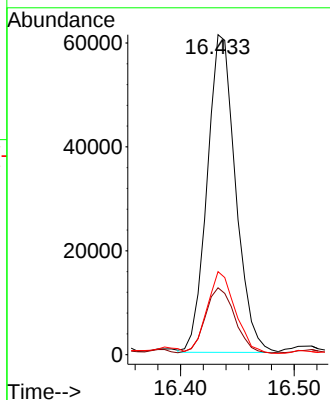
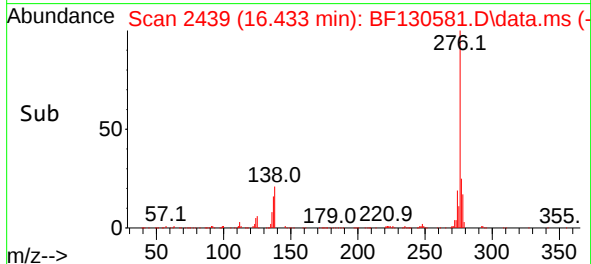
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)



Tgt Ion:276 Resp: 106400
Ion Ratio Lower Upper
276 100
138 21.3 18.5 27.7
277 25.5 20.2 30.4

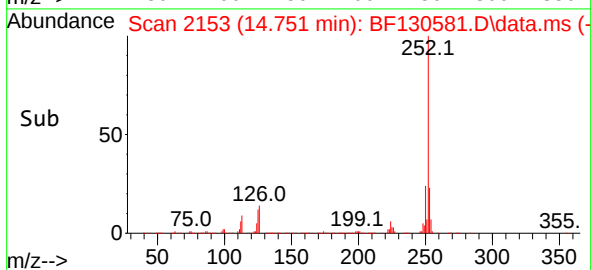
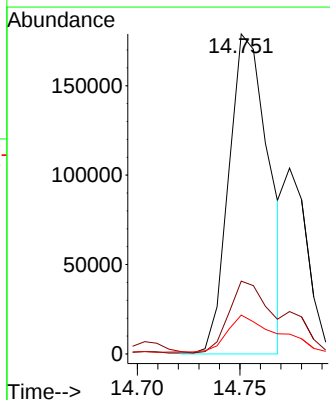
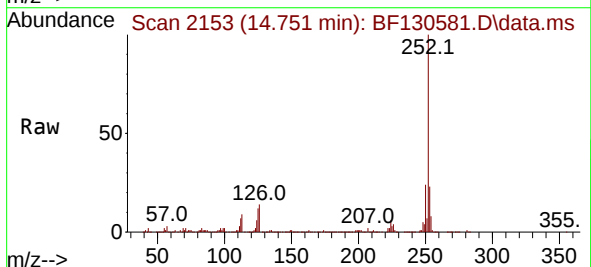
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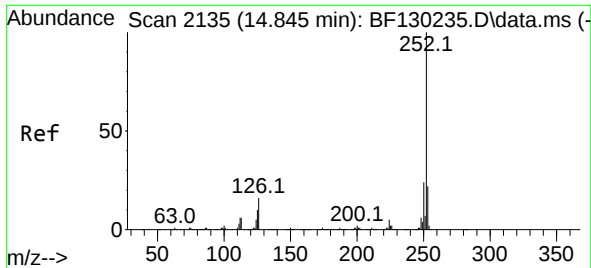
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#88
Benzo(b)fluoranthene
Concen: 15.497 ng m
RT: 14.751 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

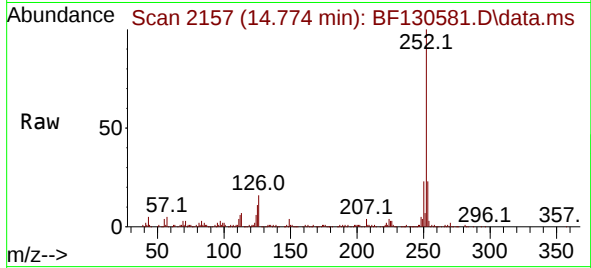
Tgt Ion:252 Resp: 242494
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.2 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 5.295 ng m
RT: 14.774 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

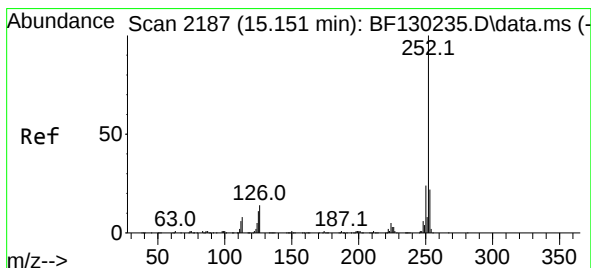
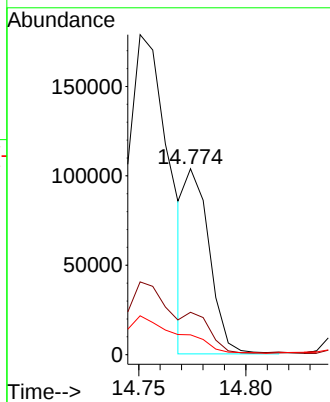
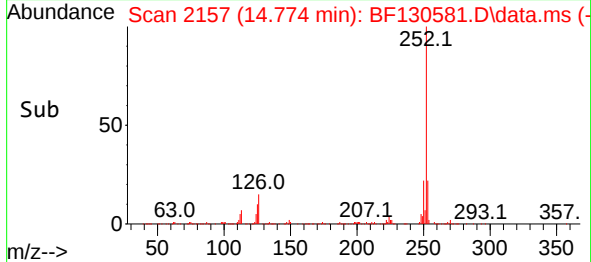
Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)



Tgt Ion:252 Resp: 81498
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.7 7.9 11.9

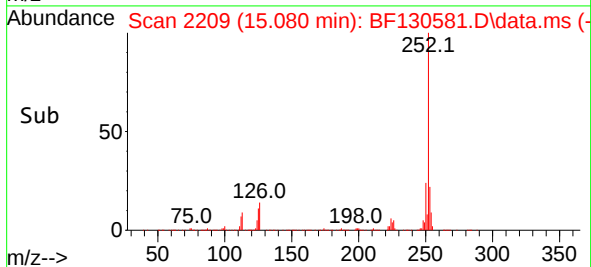
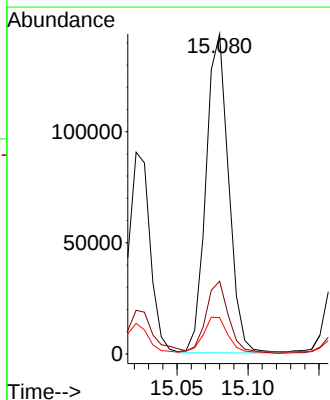
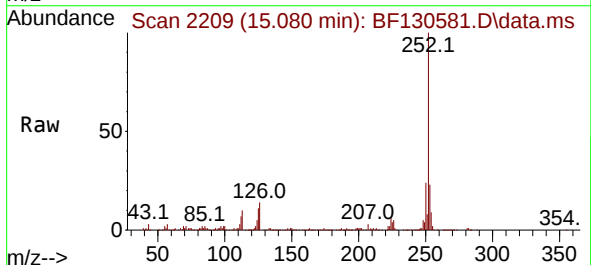
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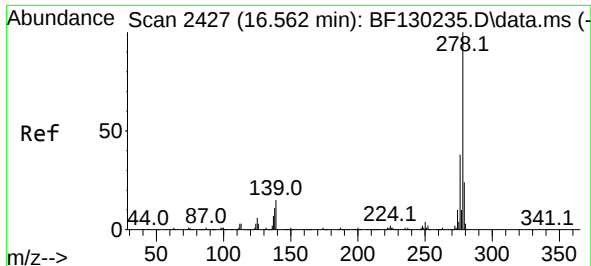
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#90
Benzo(a)pyrene
Concen: 12.849 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

Tgt Ion:252 Resp: 159286
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.3 9.0 13.6





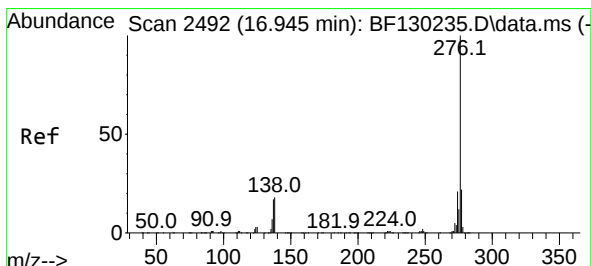
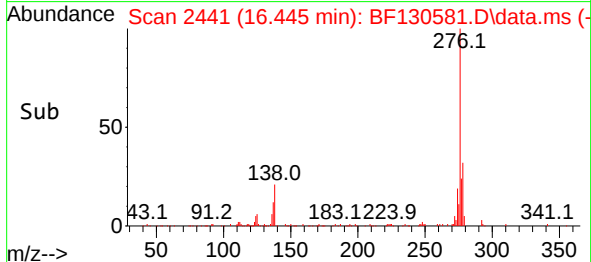
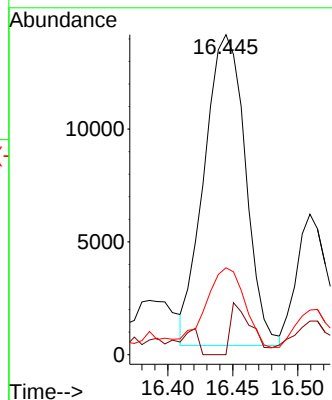
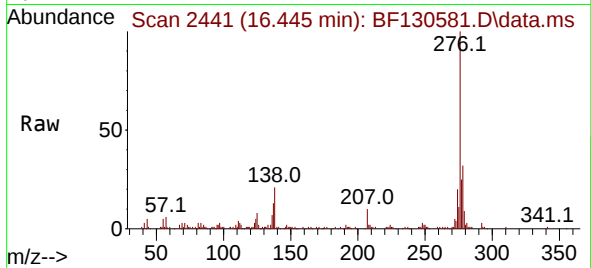
#91
Dibenzo(a,h)anthracene
Concen: 2.185 ng m
RT: 16.445 min Scan# 2427
Delta R.T. -0.030 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(5-10)

Tgt Ion:278 Resp: 3047
Ion Ratio Lower Upper
278 100
139 0.0 11.8 17.8
279 27.2 19.4 29.0

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



#92
Benzo(g,h,i)perylene
Concen: 6.803 ng
RT: 16.827 min Scan# 2506
Delta R.T. -0.024 min
Lab File: BF130581.D
Acq: 07 Oct 2022 18:33

Tgt Ion:276 Resp: 95585
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 20.1 14.6 21.8

