

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131797.D
 Acq On : 23 Dec 2022 02:12
 Operator : CG\JU
 Sample : N6098-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP6-COMP-06

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 03:39:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	79731	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	267712	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	133946	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	222685	20.000	ng	0.00
76) Chrysene-d12	14.057	240	155535	20.000	ng	0.00
86) Perylene-d12	15.551	264	128899	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	88644	18.721	ng	0.00
7) Phenol-d6	6.481	99	115724	18.158	ng	0.00
23) Nitrobenzene-d5	7.422	82	74338	11.273	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	19804	13.508	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	109225	11.423	ng	0.00
79) Terphenyl-d14	12.992	244	84234	8.441	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.621	202	55898	4.133	ng	100
78) Pyrene	12.851	202	75964	5.372	ng	99
81) Benzo(a)anthracene	14.045	228	32577m	2.908	ng	
83) Chrysene	14.080	228	36943m	3.494	ng	
88) Benzo(b)fluoranthene	15.110	252	25694m	2.818	ng	
90) Benzo(a)pyrene	15.486	252	21833	3.022	ng	# 95

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

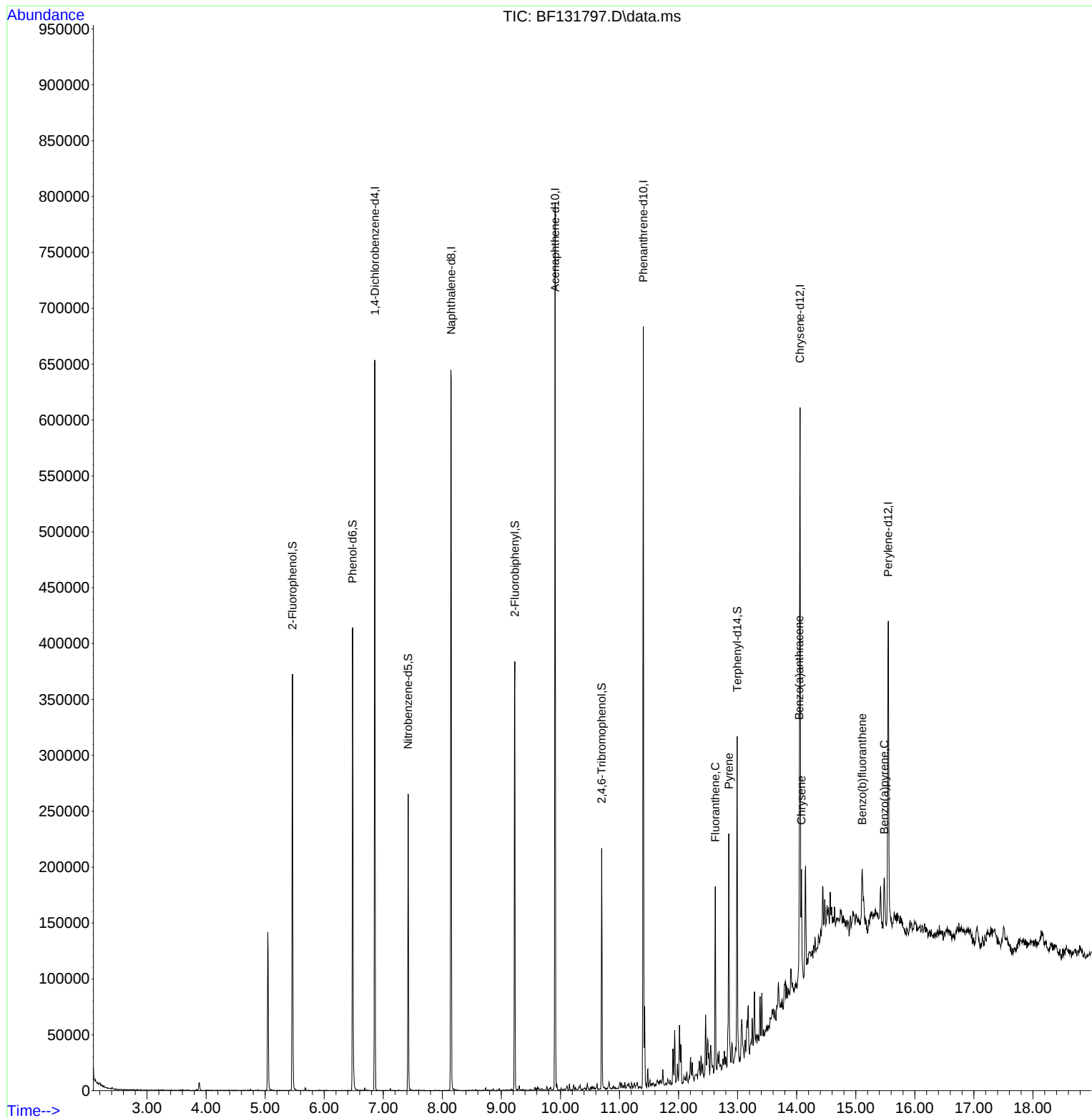
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131797.D
Acq On : 23 Dec 2022 02:12
Operator : CG\JU
Sample : N6098-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

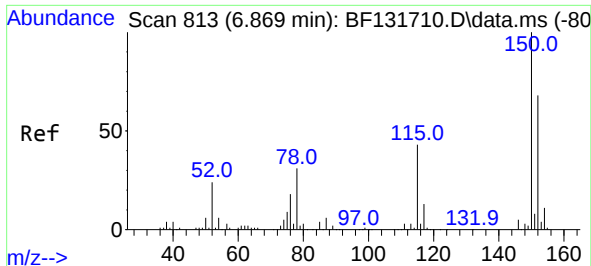
Instrument :
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FVSUB-TP6-COMP-06

Quant Time: Dec 23 03:39:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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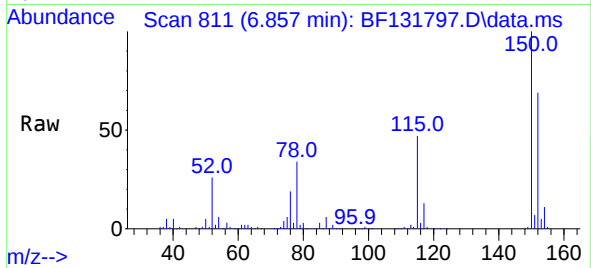
Reviewed By : Christian Giraldo 12/23/2022
Supervised By : Jagrut Upadhyay 12/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

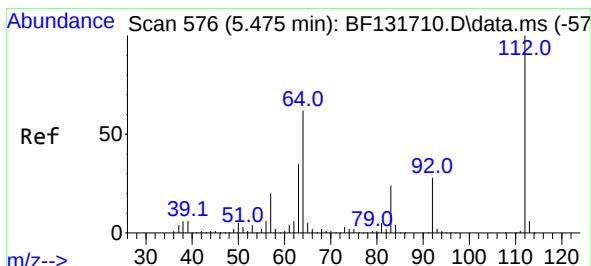
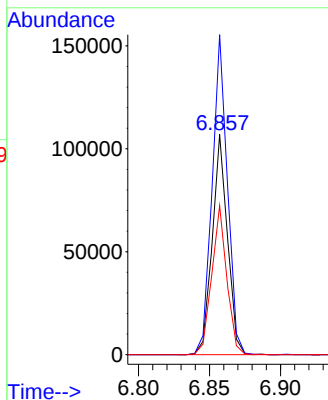
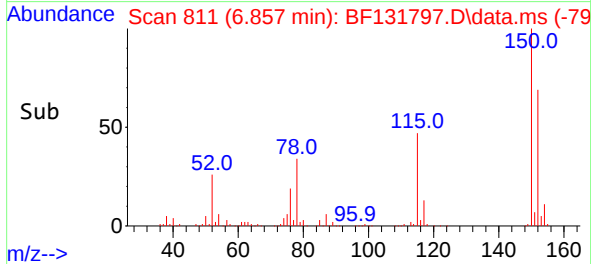
Instrument :
BNA_F
ClientSampleId :
FVSub-TP6-COMP-06



Tgt Ion:152 Resp: 7973
Ion Ratio Lower Upper
152 100
150 145.3 117.4 176.0
115 67.7 50.2 75.4

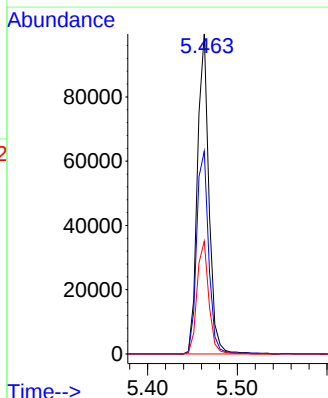
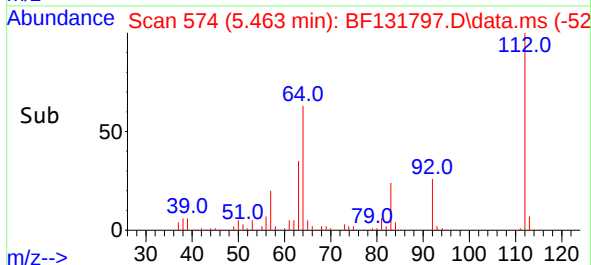
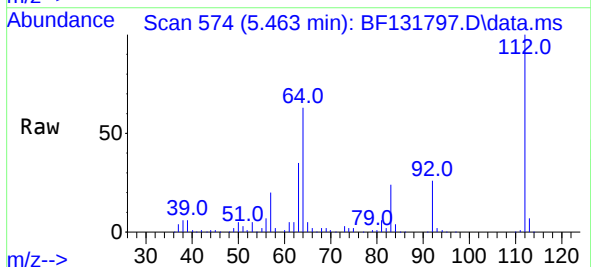
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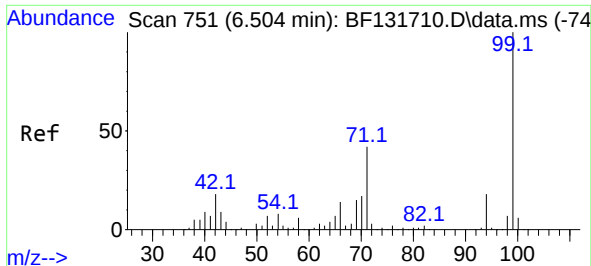
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#5
2-Fluorophenol
Concen: 18.721 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

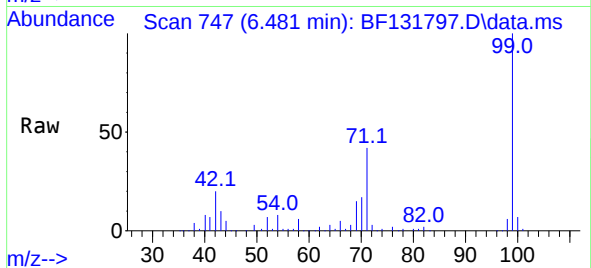
Tgt Ion:112 Resp: 88644
Ion Ratio Lower Upper
112 100
64 63.3 49.5 74.3
63 35.3 28.2 42.2





#7
Phenol-d6
Concen: 18.158 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

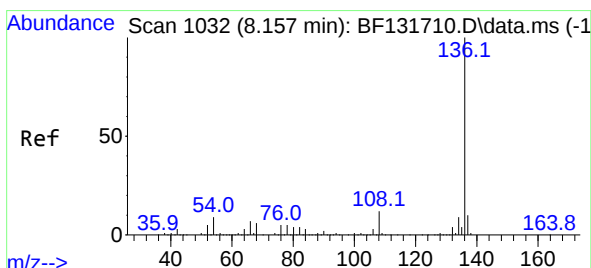
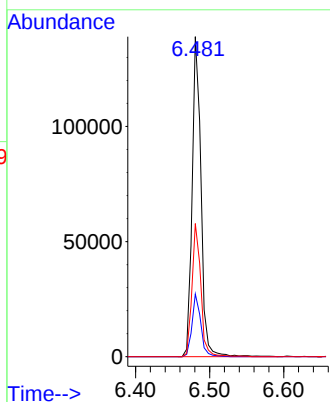
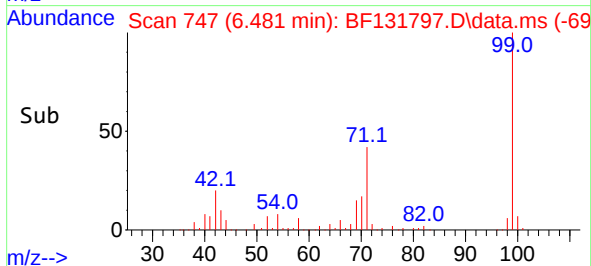
Instrument :
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ClientSampleId :
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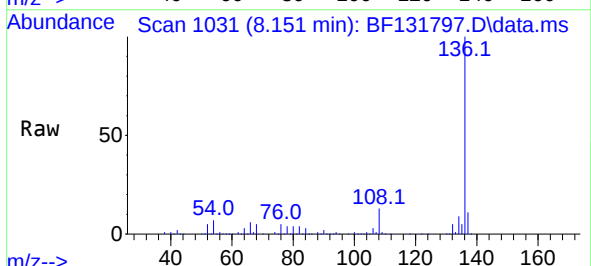
Tgt Ion: 99 Resp: 115724
Ion Ratio Lower Upper
99 100
42 19.6 14.8 22.2
71 41.6 33.8 50.6

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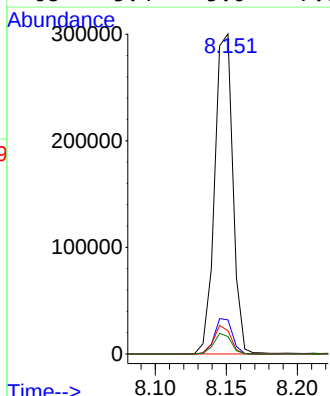
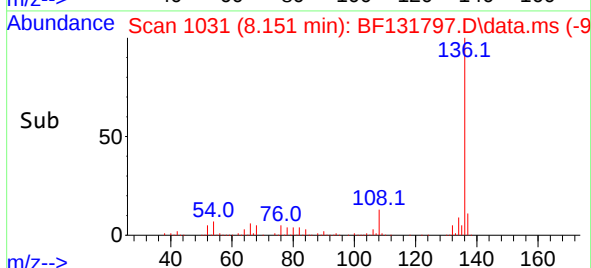
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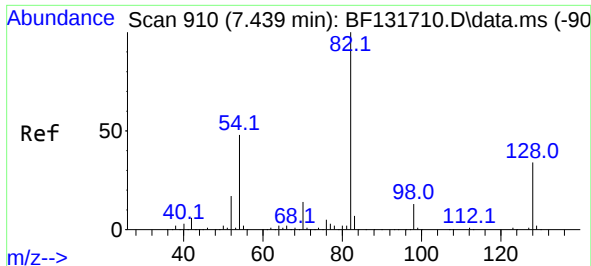


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12



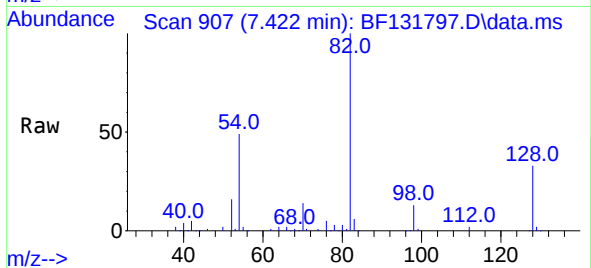
Tgt Ion:136 Resp: 267712
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 7.2 10.8
68 5.4 5.0 7.6





#23
Nitrobenzene-d5
Concen: 11.273 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

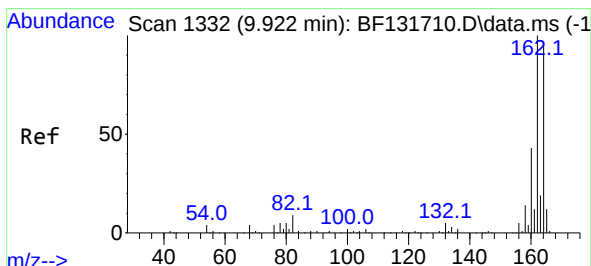
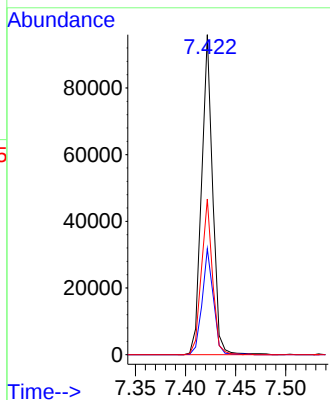
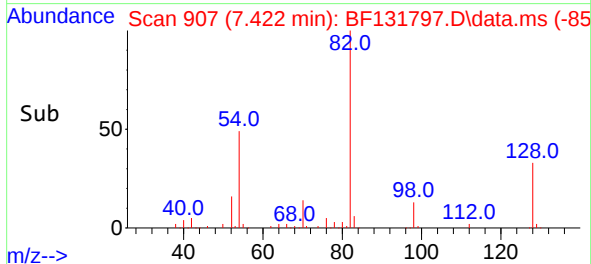
Instrument :
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ClientSampleId :
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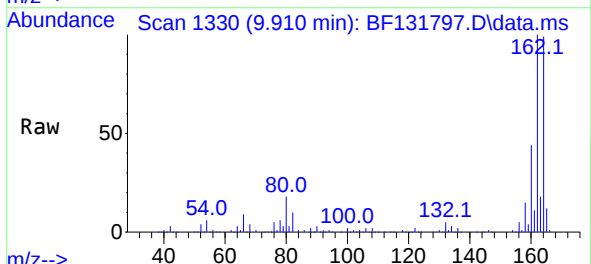
Tgt Ion: 82 Resp: 74338
Ion Ratio Lower Upper
82 100
128 33.1 27.3 40.9
54 48.7 38.2 57.2

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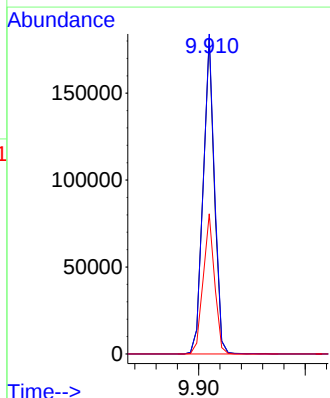
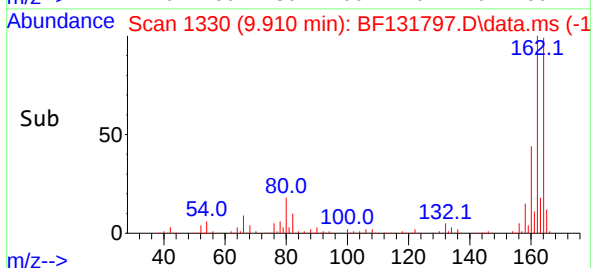
Reviewed By :Christian Giraldo 12/23/2022
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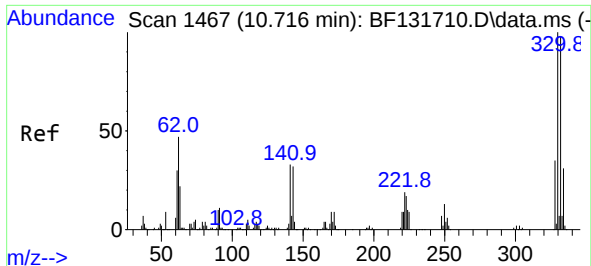


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12



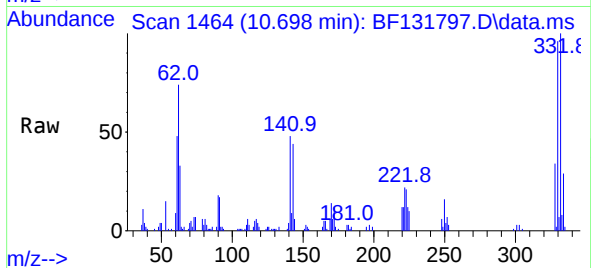
Tgt Ion:164 Resp: 133946
Ion Ratio Lower Upper
164 100
162 101.2 83.7 125.5
160 44.4 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 13.508 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

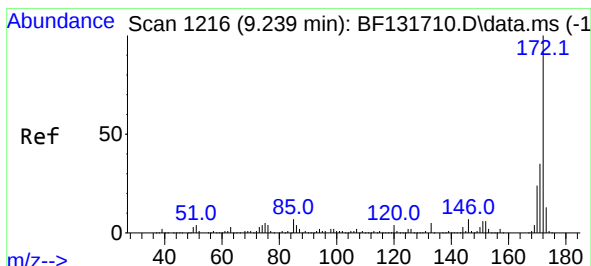
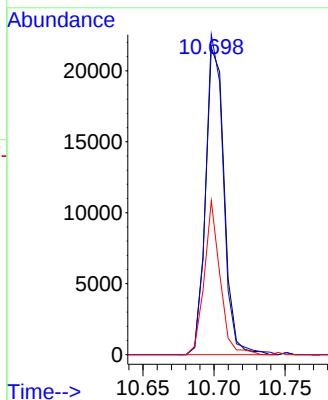
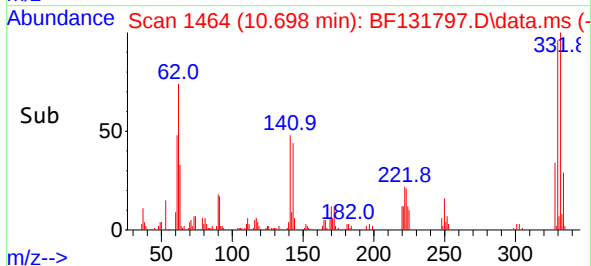
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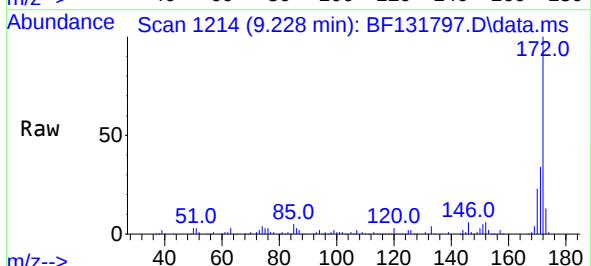
Tgt Ion: 330 Resp: 19804
Ion Ratio Lower Upper
330 100
332 99.2 77.1 115.7
141 42.3 30.4 45.6

Manual Integrations
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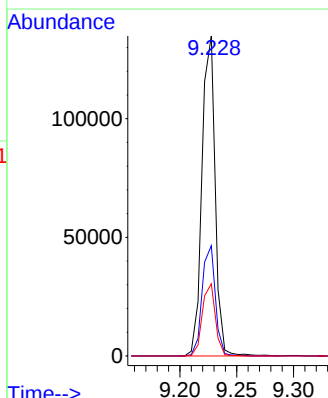
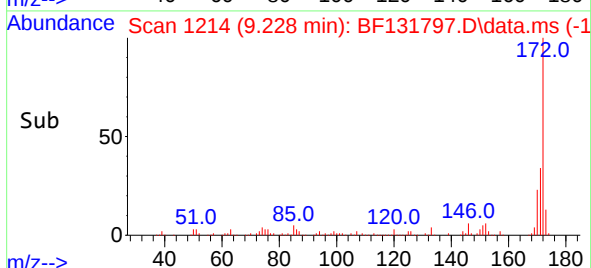
Reviewed By : Christian Giraldo 12/23/2022
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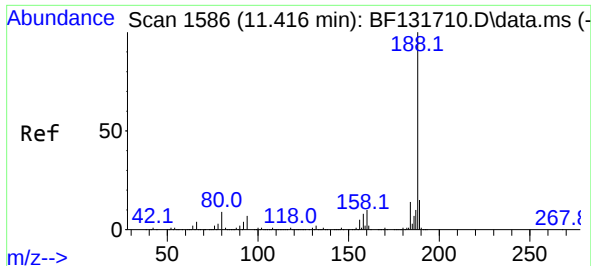


#45
2-Fluorobiphenyl
Concen: 11.423 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12



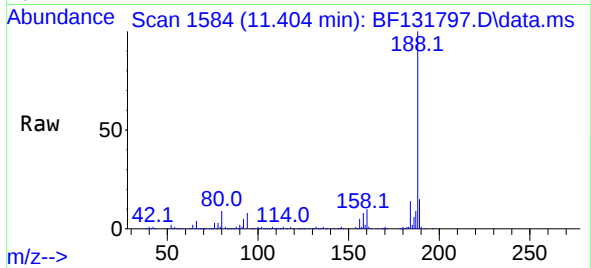
Tgt Ion: 172 Resp: 109225
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 22.6 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

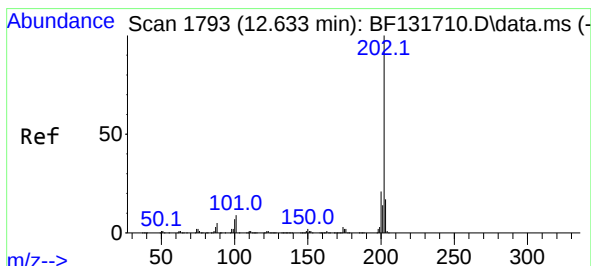
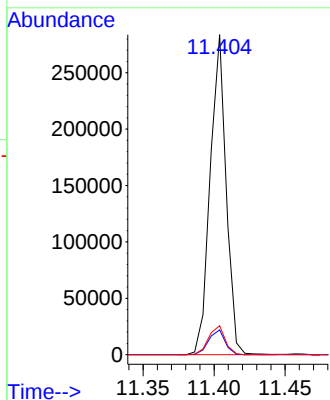
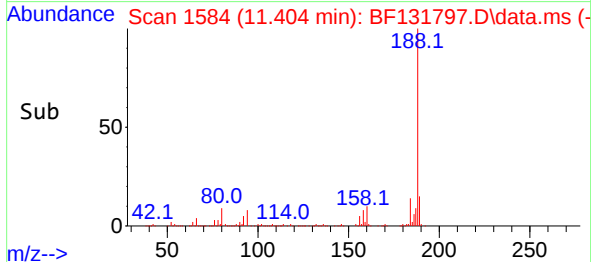
Instrument :
BNA_F
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Tgt Ion:188 Resp: 222685
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 9.0 7.0 10.6

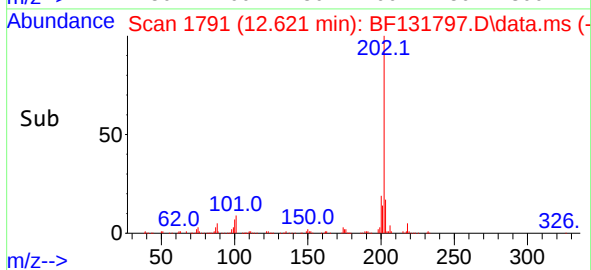
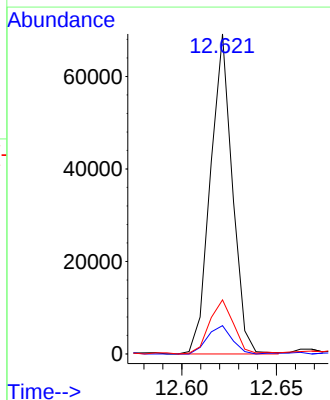
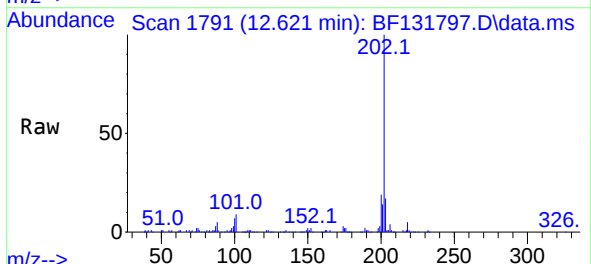
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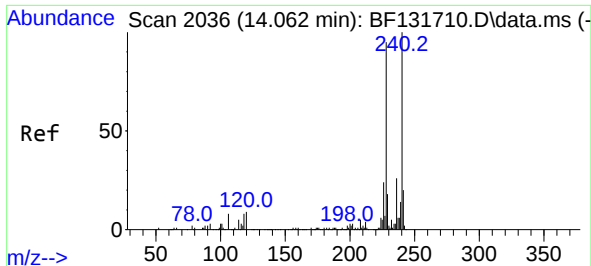
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#75
Fluoranthene
Concen: 4.133 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

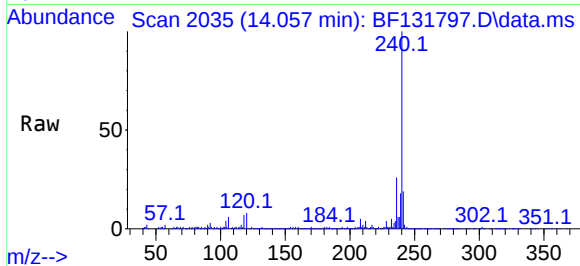
Tgt Ion:202 Resp: 55898
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.8
203 16.9 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

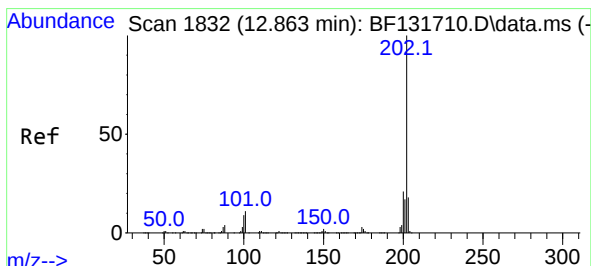
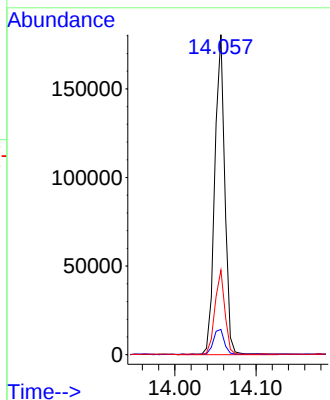
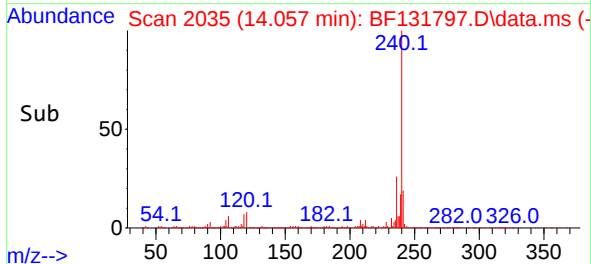
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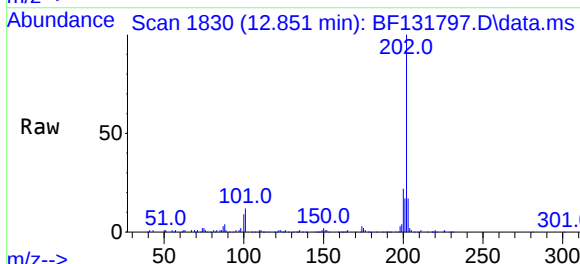
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Ion Ratio Lower Upper
240 100
120 7.9 7.6 11.4
236 26.5 21.2 31.8

Manual Integrations
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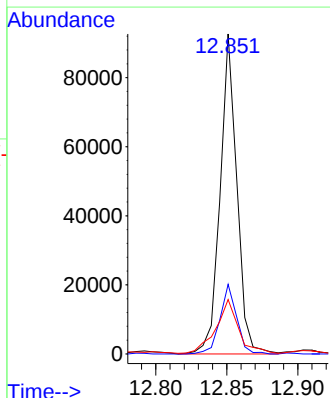
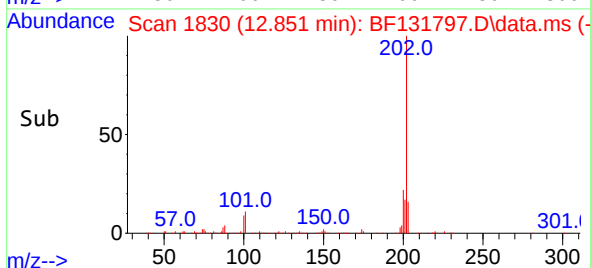
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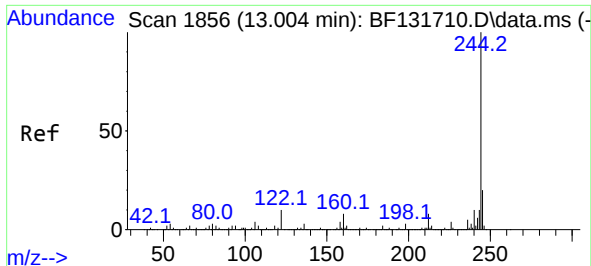


#78
Pyrene
Concen: 5.372 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12



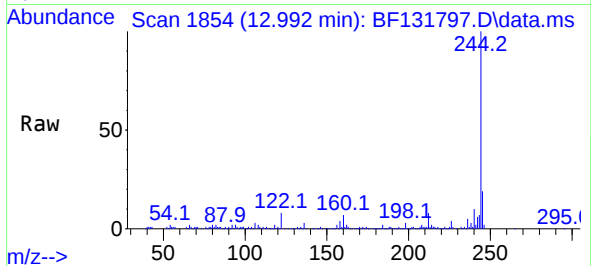
Tgt Ion:202 Resp: 75964
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.0 14.1 21.1





#79
Terphenyl-d14
Concen: 8.441 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

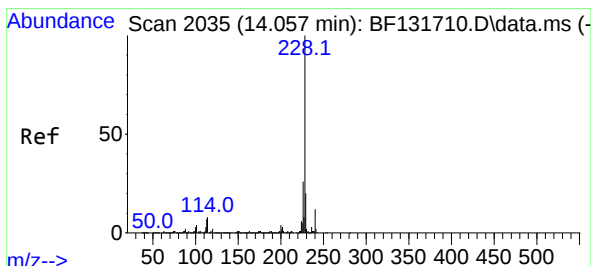
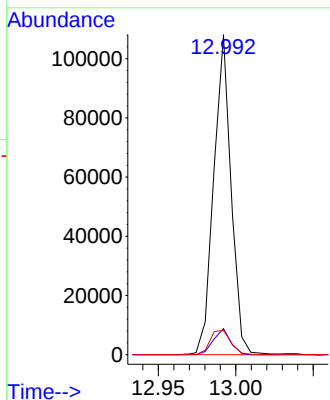
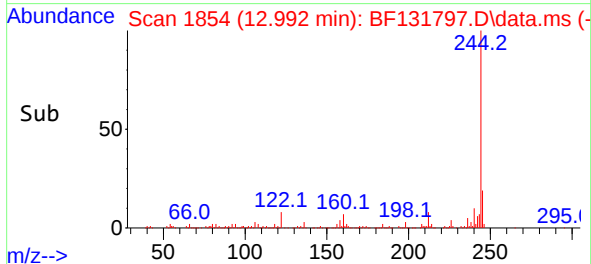
Instrument : BNA_F
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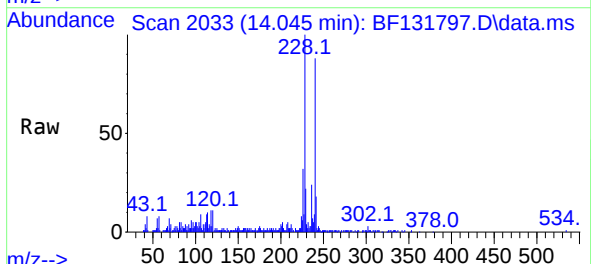
Tgt Ion:244 Resp: 84234
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 7.6 7.7 11.5

Manual Integrations
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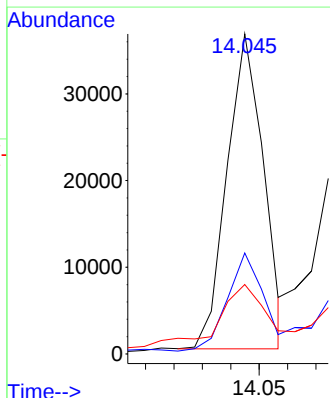
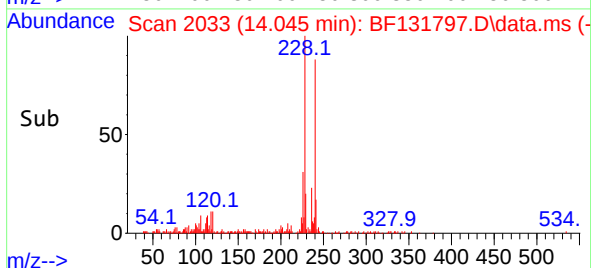
Reviewed By :Christian Giraldo 12/23/2022
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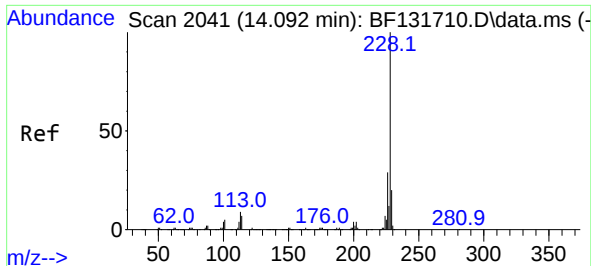


#81
Benzo(a)anthracene
Concen: 2.908 ng m
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12



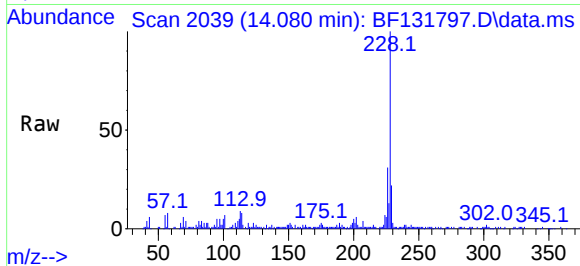
Tgt Ion:228 Resp: 32577
Ion Ratio Lower Upper
228 100
226 31.6 21.0 31.4#
229 21.7 15.8 23.8





#83
Chrysene
Concen: 3.494 ng m
RT: 14.080 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

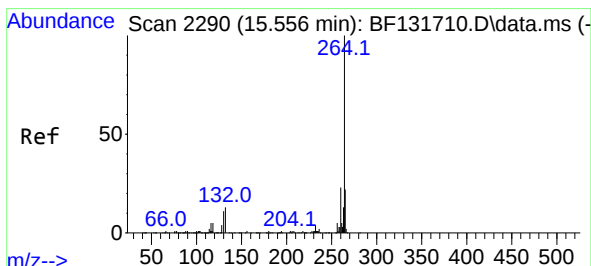
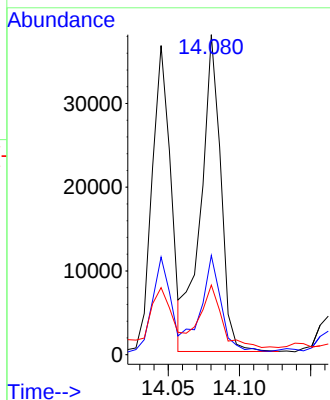
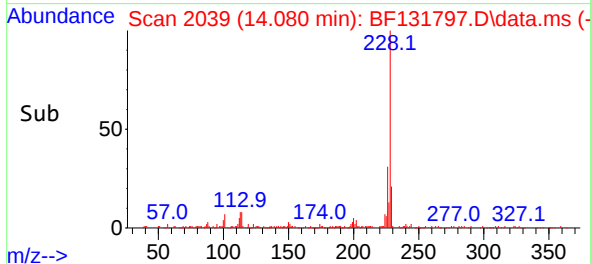
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06



Tgt Ion:228 Resp: 3694
Ion Ratio Lower Upper
228 100
226 31.0 23.5 35.3
229 21.8 15.6 23.4

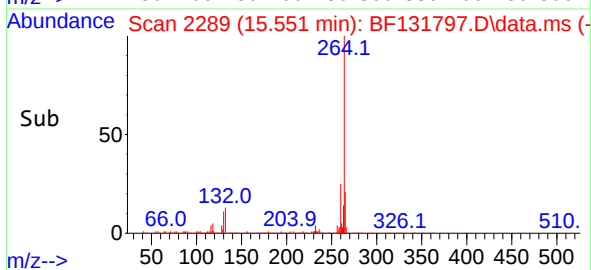
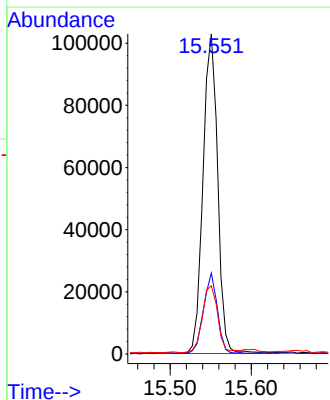
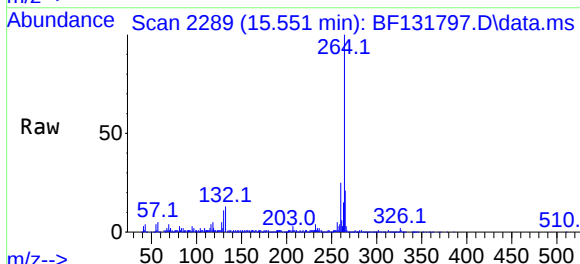
Manual Integrations
APPROVED

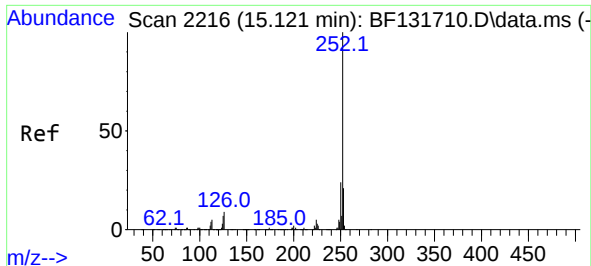
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

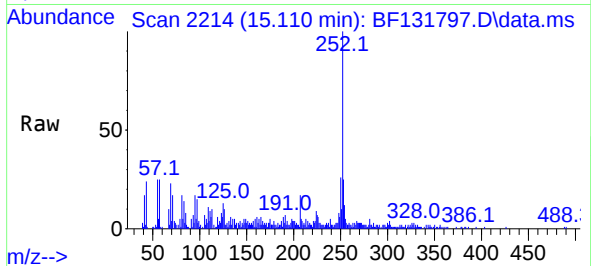
Tgt Ion:264 Resp: 128899
Ion Ratio Lower Upper
264 100
260 25.3 18.6 28.0
265 21.3 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.818 ng m
RT: 15.110 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

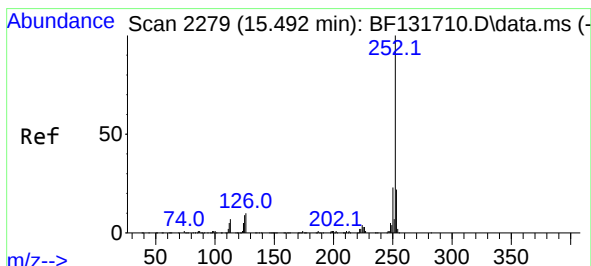
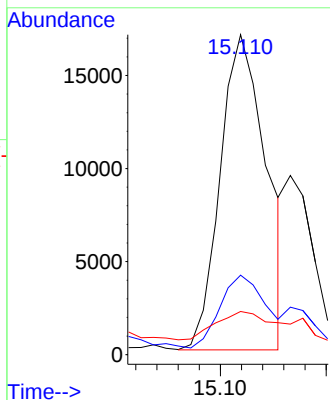
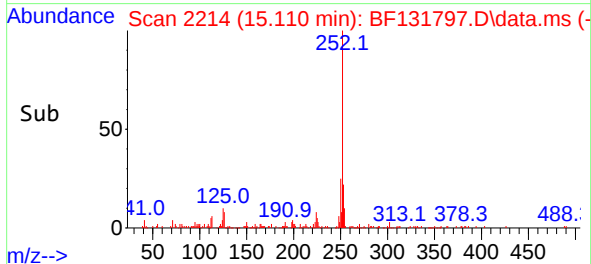
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06



Tgt Ion:252 Resp: 25694
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 13.5 5.5 8.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#90
Benzo(a)pyrene
Concen: 3.022 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.012 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

Tgt Ion:252 Resp: 21833
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 10.7 7.0 10.4

