

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130017.D
 Acq On : 26 Aug 2022 13:55
 Operator : CG\JU
 Sample : N4243-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/29/2022
 Supervised By :Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 06:07:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	114748	20.00	ng	-0.01
21) Naphthalene-d8	8.028	136	465853	20.00	ng	-0.01
39) Acenaphthene-d10	9.780	164	238038	20.00	ng	-0.01
64) Phenanthrene-d10	11.269	188	347867	20.00	ng	-0.01
76) Chrysene-d12	13.916	240	189771	20.00	ng	-0.01
86) Perylene-d12	15.362	264	213791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	497723	71.82	ng	0.00
7) Phenol-d6	6.410	99	690168	79.52	ng	-0.01
23) Nitrobenzene-d5	7.316	82	470769	54.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.575	330	104633	43.80	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	860695	54.92	ng	-0.01
79) Terphenyl-d14	12.851	244	625409	54.84	ng	-0.01
Target Compounds						
71) Phenanthrene	11.298	178	50411	2.59	ng	Qvalue 95
75) Fluoranthene	12.486	202	65640	3.30	ng	99
78) Pyrene	12.716	202	57884	3.51	ng	99
88) Benzo(b)fluoranthene	14.951	252	39441m	2.69	ng	
90) Benzo(a)pyrene	15.310	252	28189	2.45	ng	# 95

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

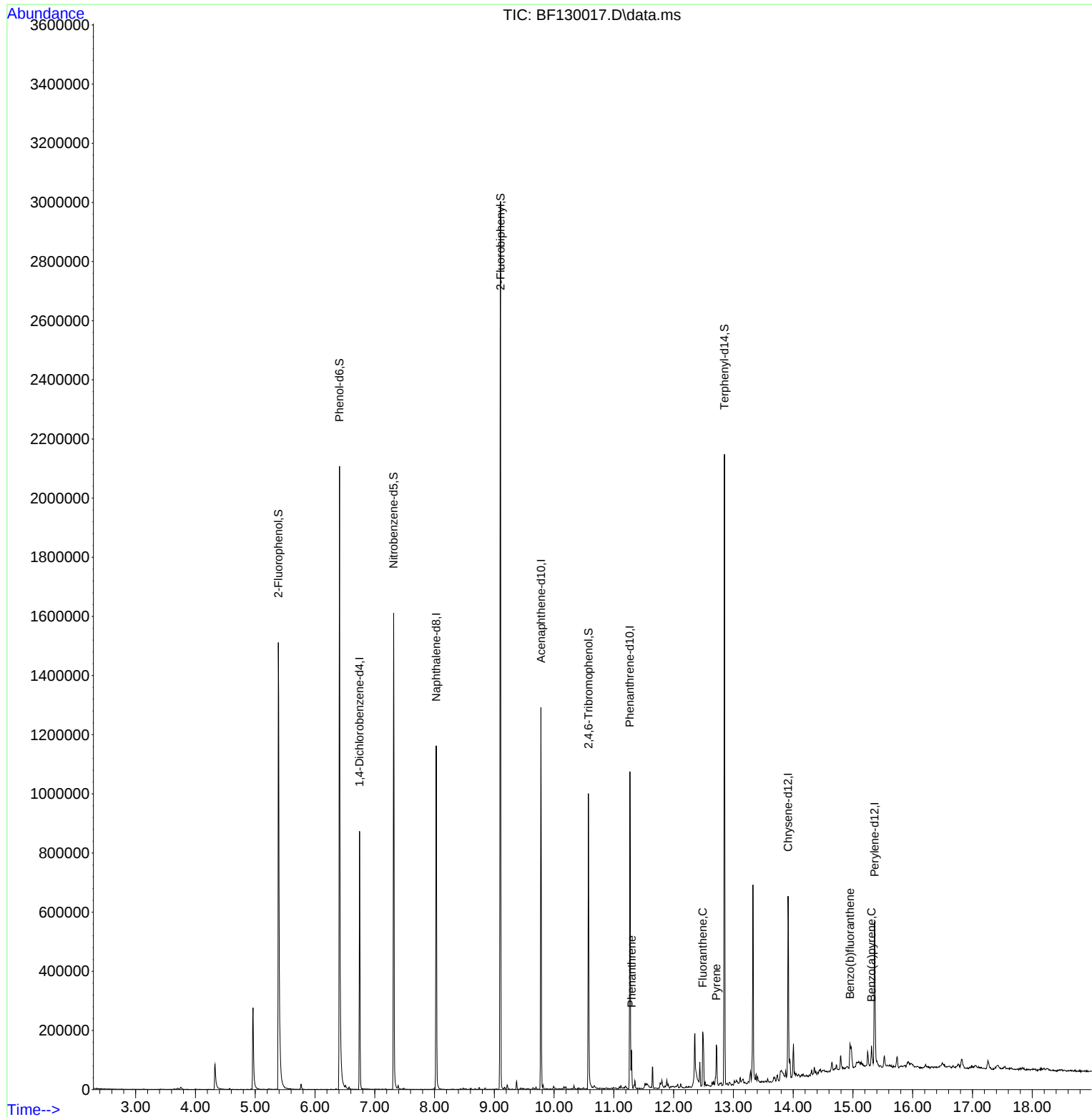
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130017.D
Acq On : 26 Aug 2022 13:55
Operator : CG\JU
Sample : N4243-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

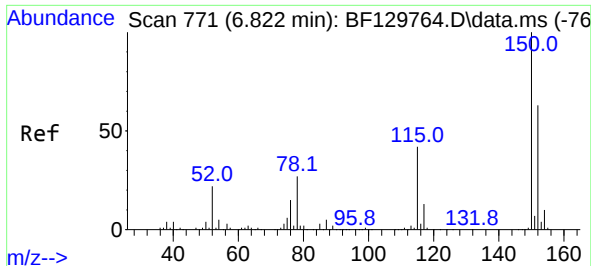
Instrument :
BNA_F
ClientSampleId :
B-4

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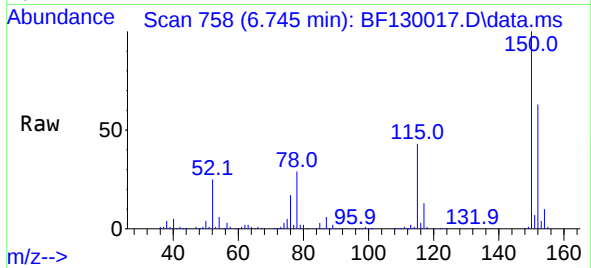
Quant Time: Aug 27 06:07:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

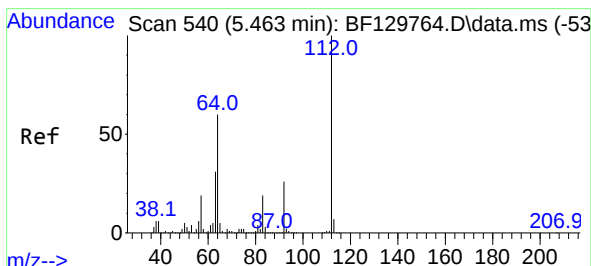
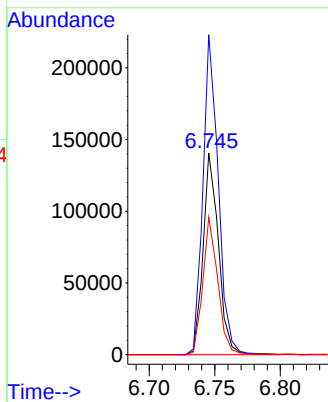
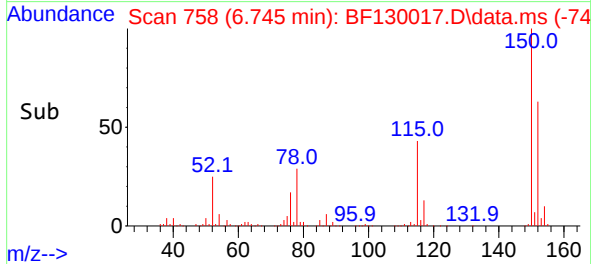
Instrument :
BNA_F
ClientSampleId :
B-4



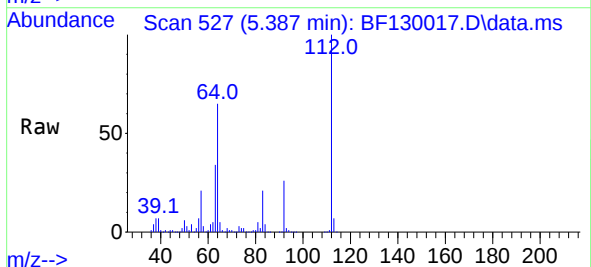
Tgt Ion:152 Resp: 114748
Ion Ratio Lower Upper
152 100
150 158.6 126.9 190.3
115 68.2 53.4 80.0

Manual Integrations
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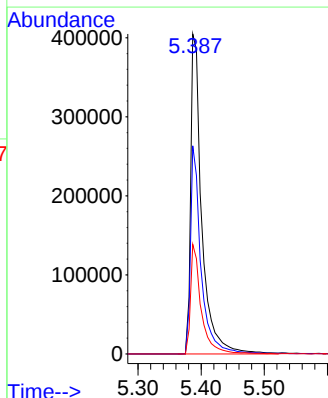
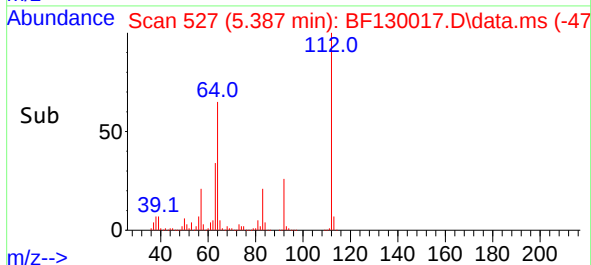
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

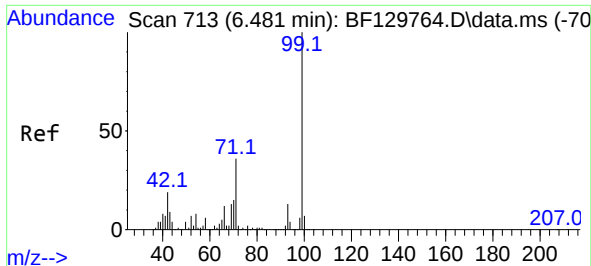


#5
2-Fluorophenol
Concen: 71.82 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.006 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55



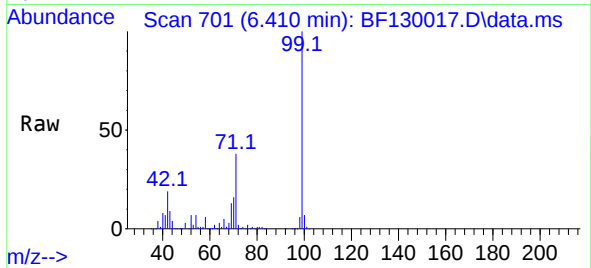
Tgt Ion:112 Resp: 497723
Ion Ratio Lower Upper
112 100
64 65.0 47.6 71.4
63 34.2 24.6 37.0





#7
Phenol-d6
Concen: 79.52 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

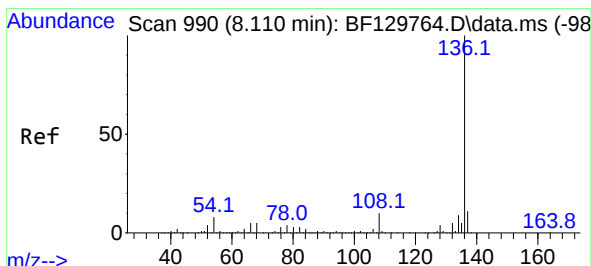
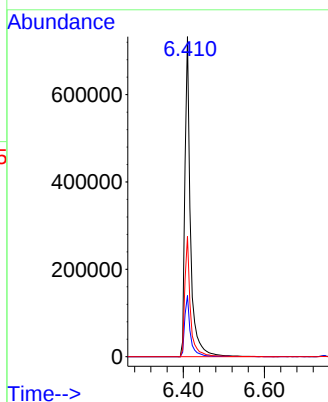
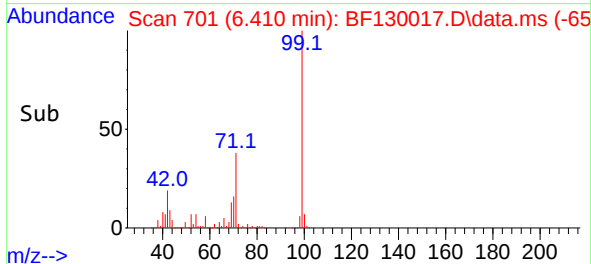
Instrument :
BNA_F
ClientSampleId :
B-4



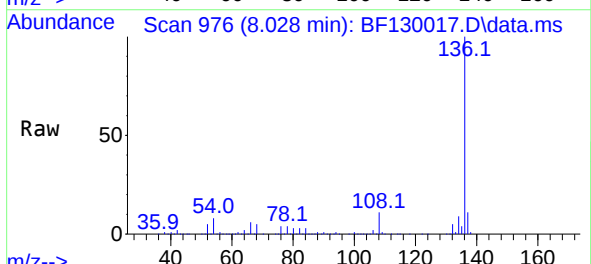
Tgt Ion: 99 Resp: 690168
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 37.5 28.8 43.2

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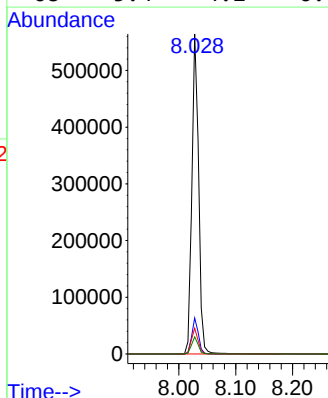
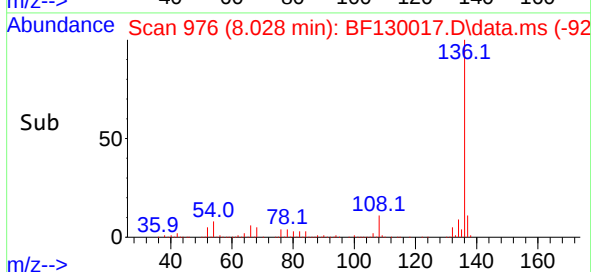
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

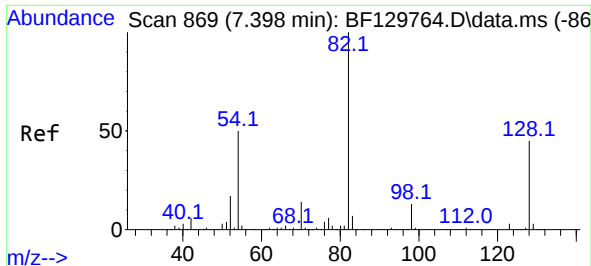


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55



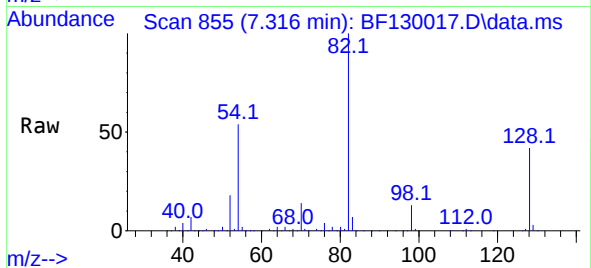
Tgt Ion:136 Resp: 465853
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.1 6.2 9.2
68 5.4 4.2 6.4





#23
Nitrobenzene-d5
Concen: 54.10 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

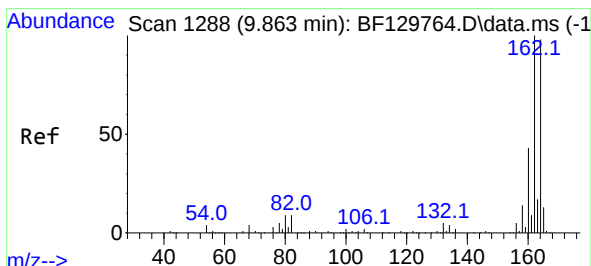
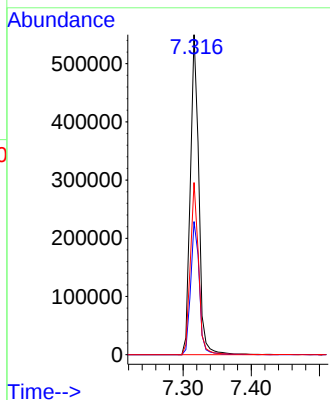
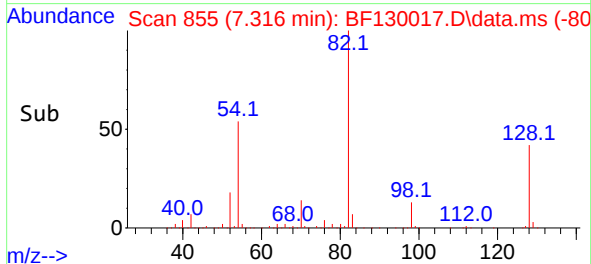
Instrument :
BNA_F
ClientSampleId :
B-4



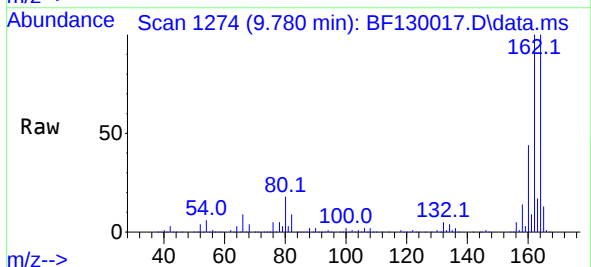
Tgt Ion: 82 Resp: 470769
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 53.8 40.0 60.0

Manual Integrations
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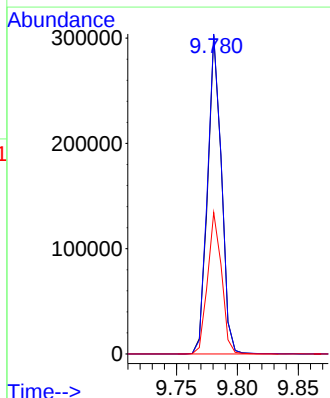
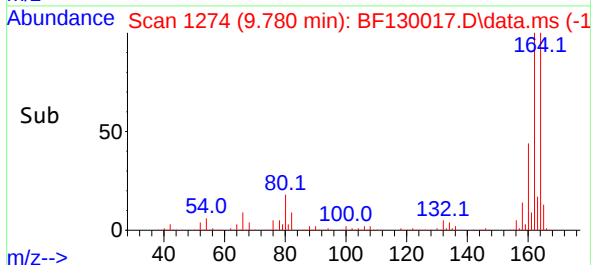
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

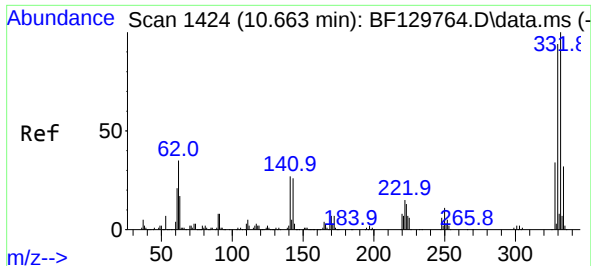


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55



Tgt Ion:164 Resp: 238038
Ion Ratio Lower Upper
164 100
162 100.5 82.0 123.0
160 44.4 35.4 53.0





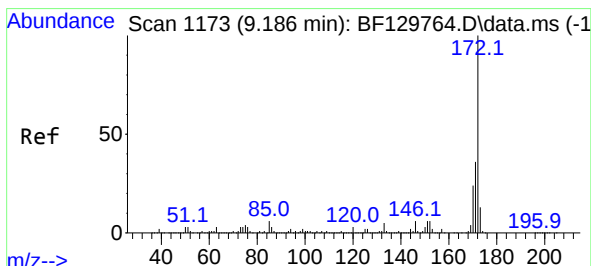
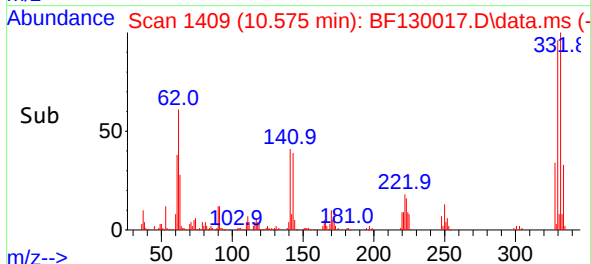
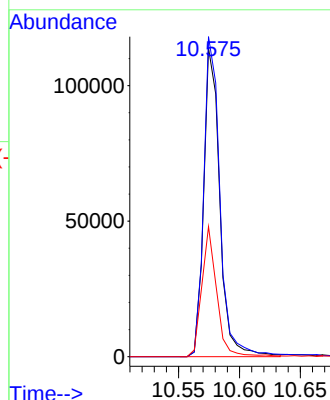
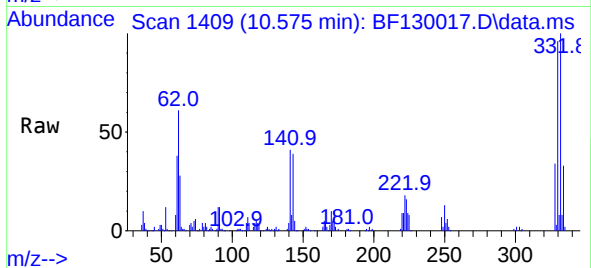
#42
2,4,6-Tribromophenol
Concen: 43.80 ng
RT: 10.575 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:330 Resp: 10463
Ion Ratio Lower Upper
330 100
332 106.6 82.6 124.0
141 39.0 27.6 41.4

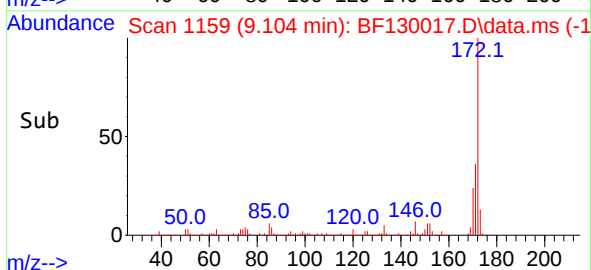
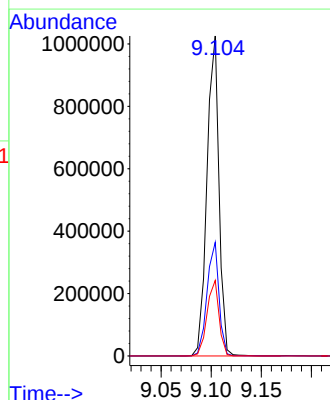
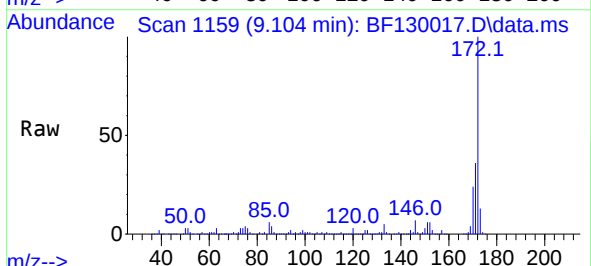
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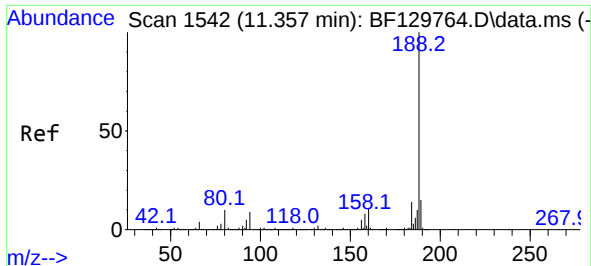
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#45
2-Fluorobiphenyl
Concen: 54.92 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

Tgt Ion:172 Resp: 860695
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.1 28.7





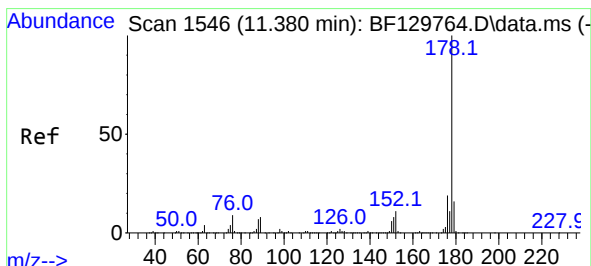
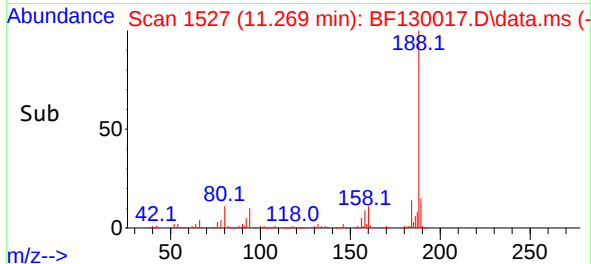
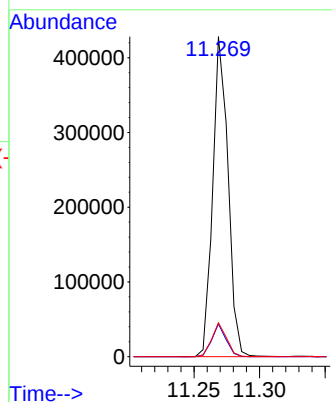
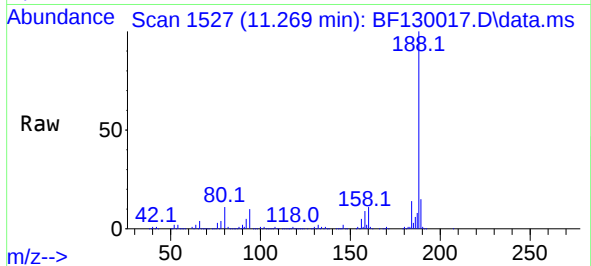
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:188 Resp: 34786
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.6 7.9 11.9

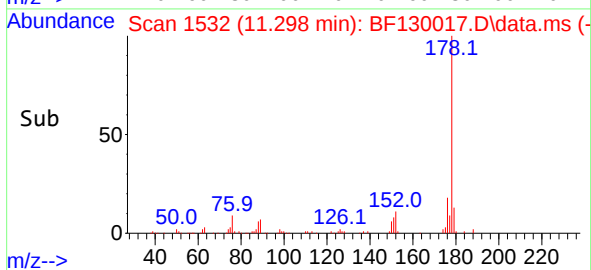
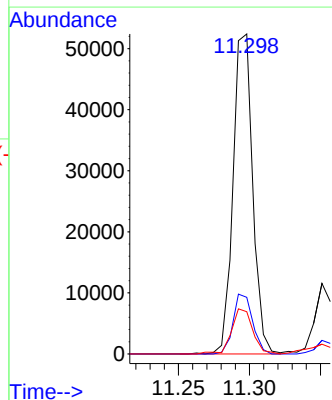
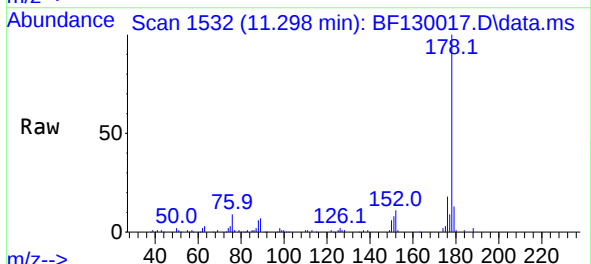
Manual Integrations
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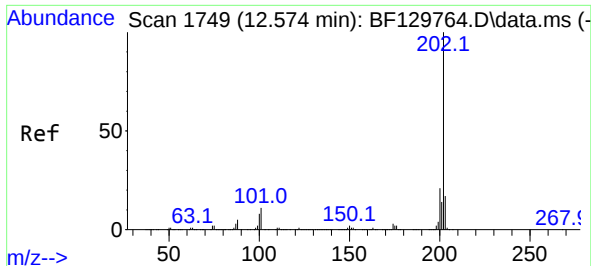
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#71
Phenanthrene
Concen: 2.59 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

Tgt Ion:178 Resp: 50411
Ion Ratio Lower Upper
178 100
176 17.7 15.5 23.3
179 13.2 12.5 18.7





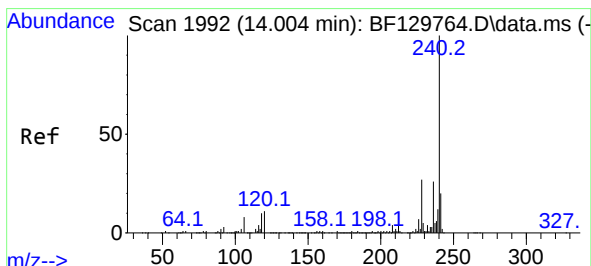
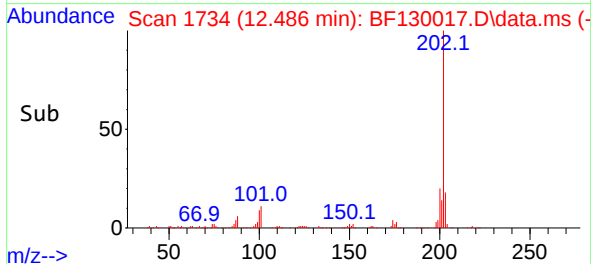
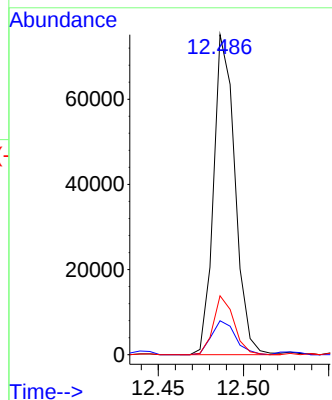
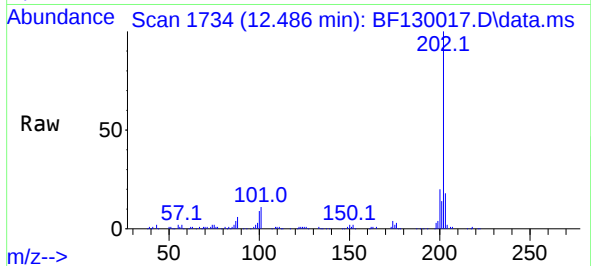
#75
Fluoranthene
Concen: 3.30 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion:202 Resp: 65640
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 18.4 0.0 37.5

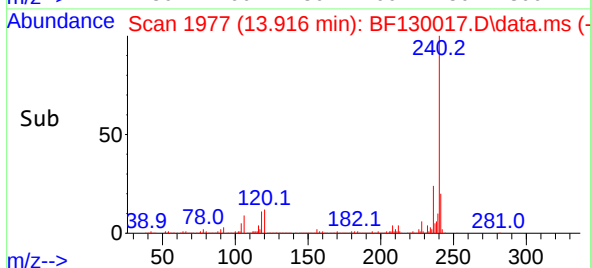
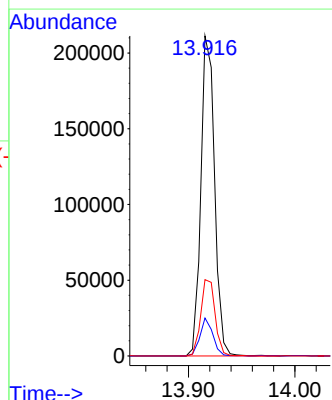
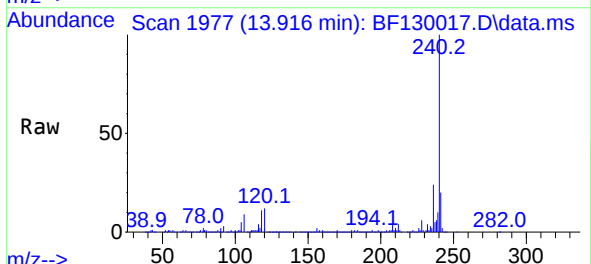
Manual Integrations
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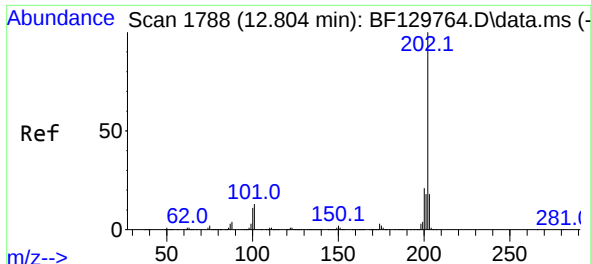
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

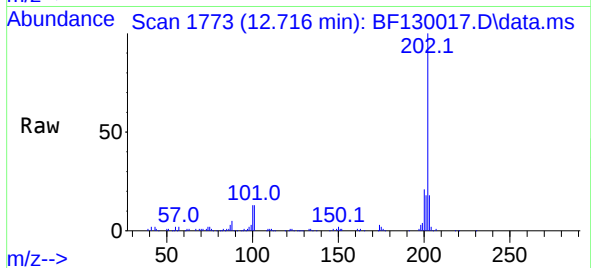
Tgt Ion:240 Resp: 189771
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 23.9 20.7 31.1





#78
Pyrene
Concen: 3.51 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

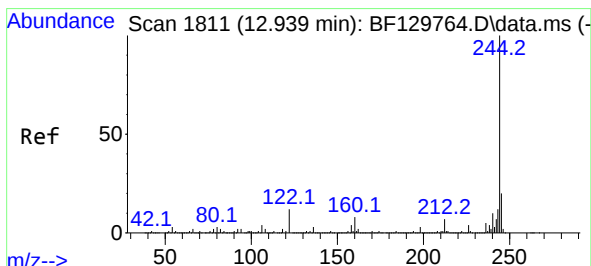
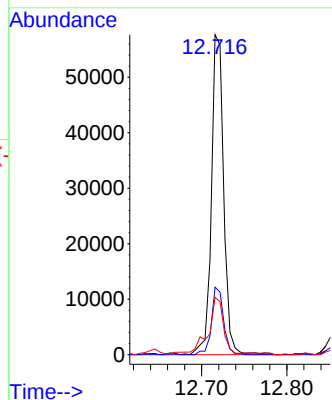
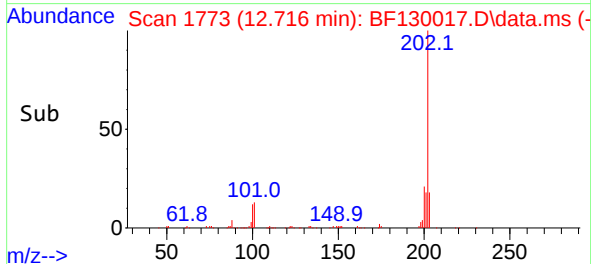
Instrument :
BNA_F
ClientSampleId :
B-4



Tgt Ion:202 Resp: 57884
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 18.0 14.1 21.1

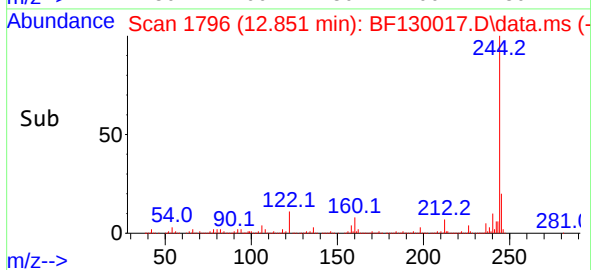
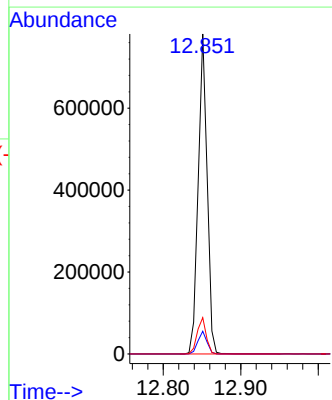
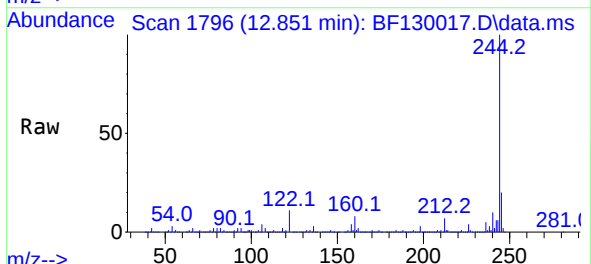
Manual Integrations
APPROVED

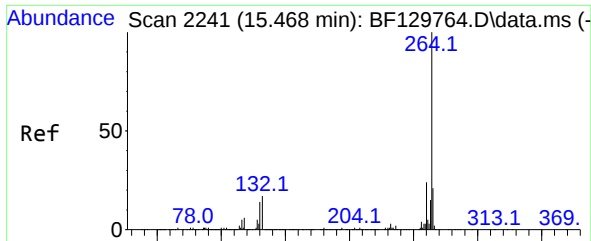
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#79
Terphenyl-d14
Concen: 54.84 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

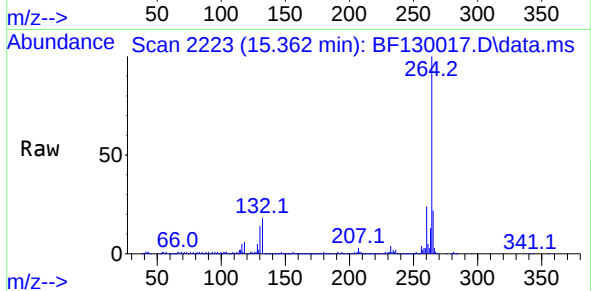
Tgt Ion:244 Resp: 625409
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.3 9.9 14.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.362 min Scan# 21379
Delta R.T. -0.006 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

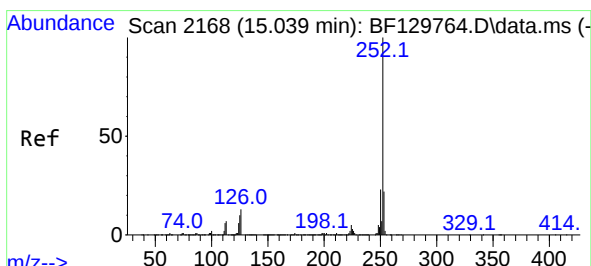
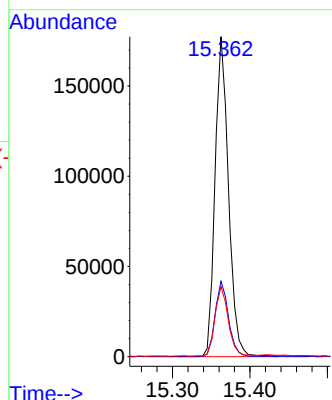
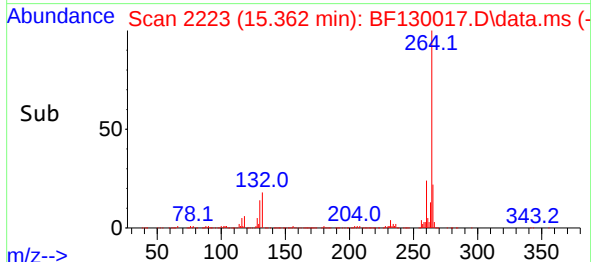
Instrument :
BNA_F
ClientSampleId :
B-4



Tgt Ion:264 Resp: 21379
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.9 16.7 25.1

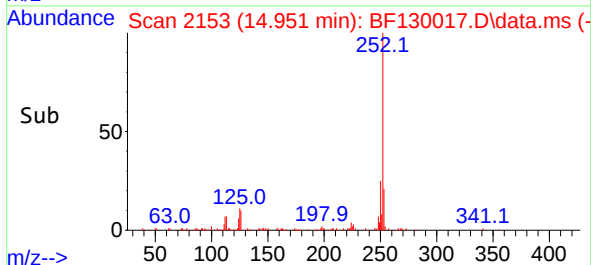
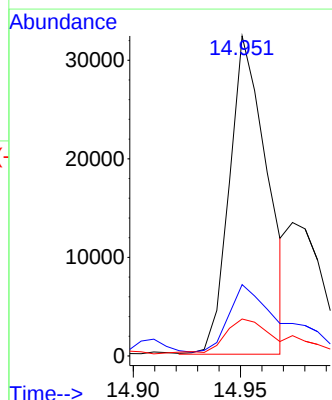
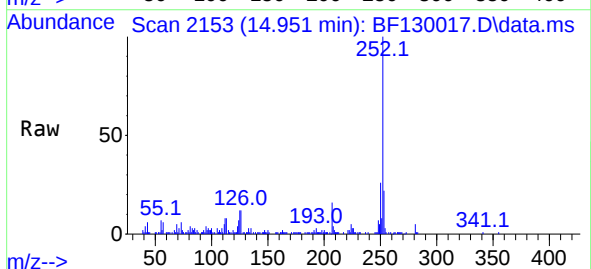
Manual Integrations
APPROVED

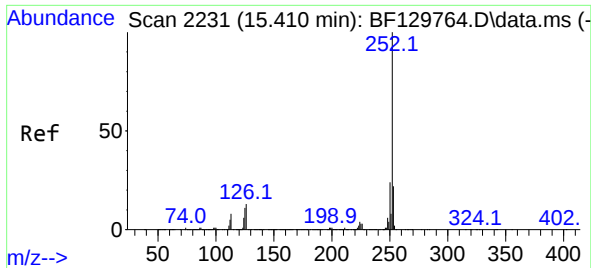
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#88
Benzo(b)fluoranthene
Concen: 2.69 ng m
RT: 14.951 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

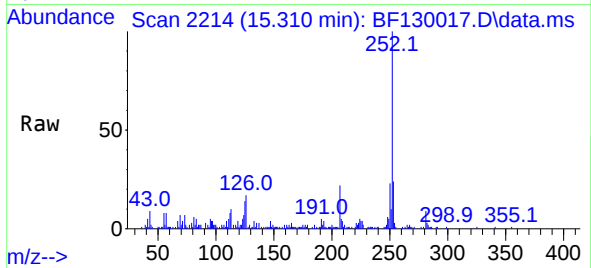
Tgt Ion:252 Resp: 39441
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.5 8.3 12.5





#90
Benzo(a)pyrene
Concen: 2.45 ng
RT: 15.310 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130017.D
Acq: 26 Aug 2022 13:55

Instrument :
BNA_F
ClientSampleId :
B-4



Tgt Ion:252 Resp: 28189
Ion Ratio Lower Upper
252 100
253 23.7 17.2 25.8
125 13.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

