

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130187.D
 Acq On : 08 Sep 2022 19:53
 Operator : CG\JU
 Sample : N4534-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-D

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/09/2022
 Supervised By : Jagrut Upadhyay 09/09/2022

Quant Time: Sep 09 01:08:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	140198	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	462401	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	203983	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	349058	20.000	ng	0.00
76) Chrysene-d12	13.851	240	288406	20.000	ng	# 0.00
86) Perylene-d12	15.268	264	317252	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1124923	136.217	ng	0.00
7) Phenol-d6	6.328	99	1291266	125.417	ng	0.00
23) Nitrobenzene-d5	7.263	82	781937	108.676	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	256235	137.997	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1259880	102.402	ng	0.00
79) Terphenyl-d14	12.798	244	1387736	83.442	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.227	178	62720	3.313	ng	99
74) Di-n-butylphthalate	11.774	149	156027	7.540	ng	99
75) Fluoranthene	12.416	202	96170	5.123	ng	96
78) Pyrene	12.645	202	89282m	3.451	ng	
83) Chrysene	13.874	228	70208	3.603	ng	# 86
84) Bis(2-ethylhexyl)phtha...	13.845	149	525680	41.102	ng	97
88) Benzo(b)fluoranthene	14.868	252	55921m	2.643	ng	

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

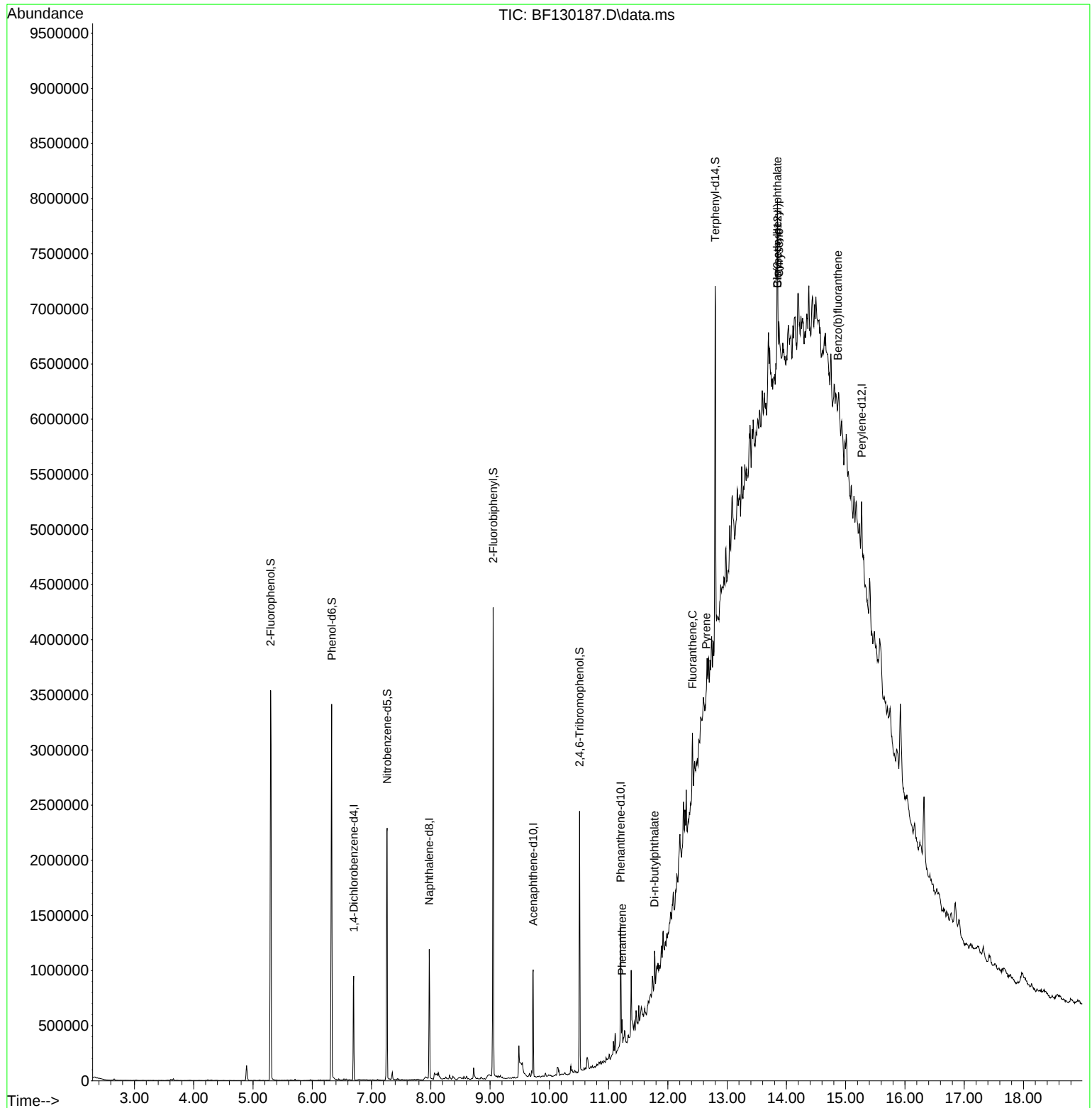
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
Data File : BF130187.D
Acq On : 08 Sep 2022 19:53
Operator : CG\JU
Sample : N4534-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

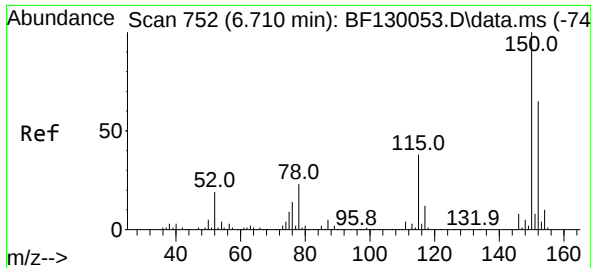
Instrument :
BNA_F
ClientSampleId :
FL-D

Quant Time: Sep 09 01:08:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Manual Integrations
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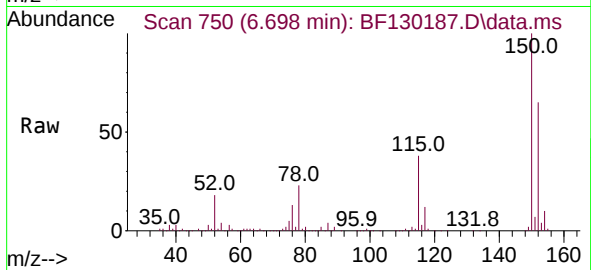
Reviewed By : Christian Giraldo 09/09/2022
Supervised By : Jagrut Upadhyay 09/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

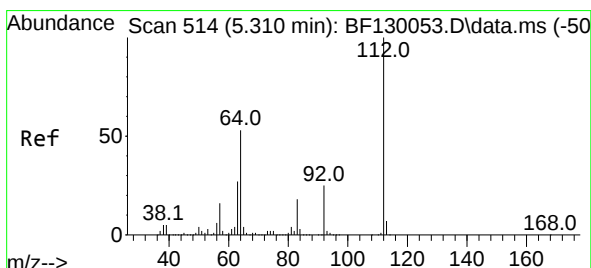
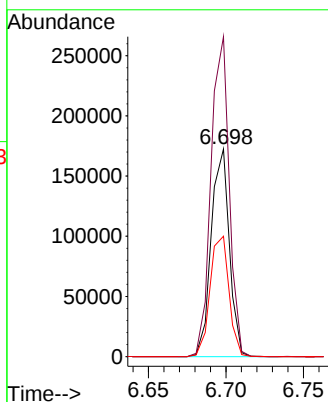
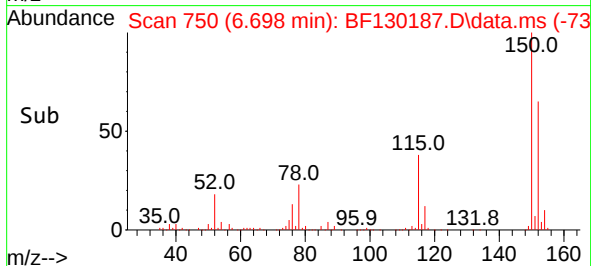
Instrument :
BNA_F
ClientSampleId :
FL-D



Tgt Ion:152 Resp: 140198
Ion Ratio Lower Upper
152 100
150 154.2 126.9 190.3
115 58.0 53.4 80.0

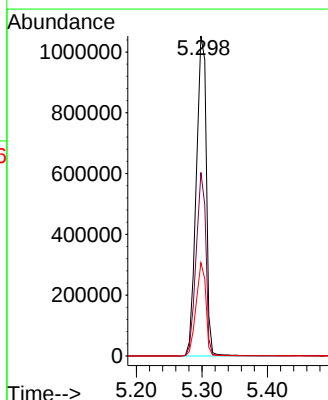
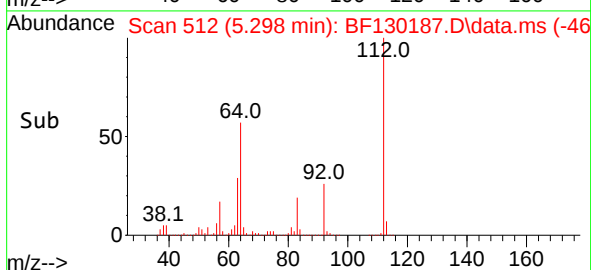
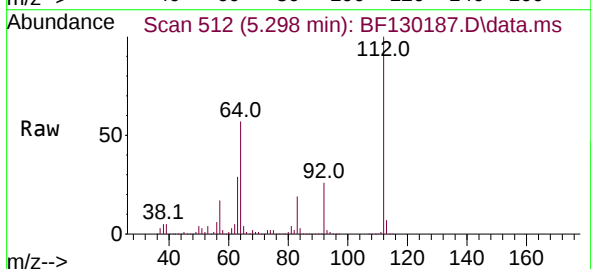
Manual Integrations
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Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#5
2-Fluorophenol
Concen: 136.217 ng
RT: 5.298 min Scan# 512
Delta R.T. -0.000 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

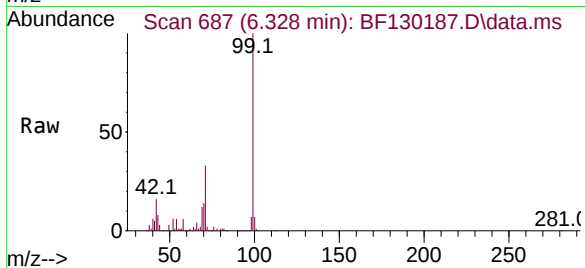
Tgt Ion:112 Resp: 1124923
Ion Ratio Lower Upper
112 100
64 57.3 47.6 71.4
63 29.1 24.6 37.0





#7
Phenol-d6
Concen: 125.417 ng
RT: 6.328 min Scan# 687
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

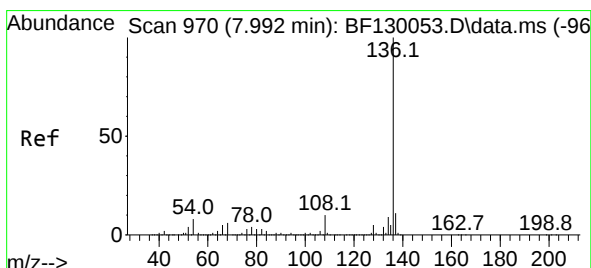
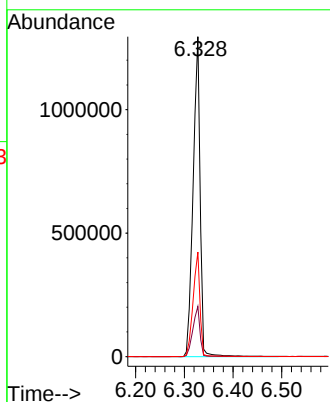
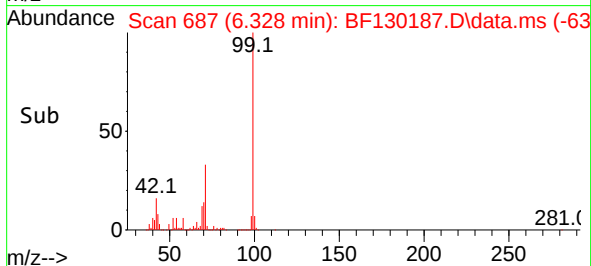
Instrument :
BNA_F
ClientSampleId :
FL-D



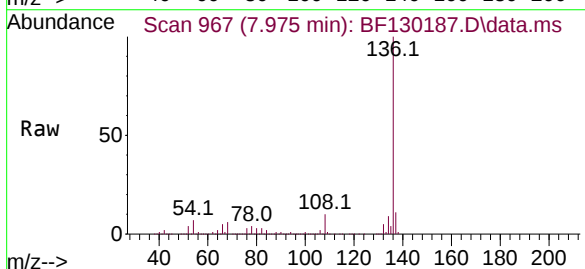
Tgt Ion: 99 Resp: 1291266
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 32.7 28.8 43.2

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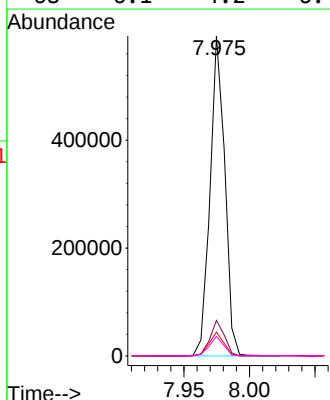
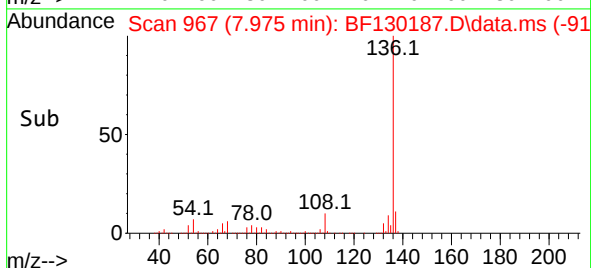
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53



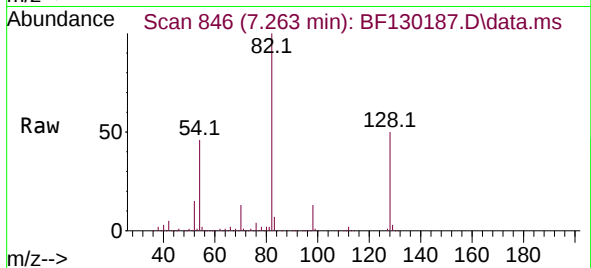
Tgt Ion:136 Resp: 462401
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 6.2 9.2
68 6.1 4.2 6.4





#23
Nitrobenzene-d5
Concen: 108.676 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

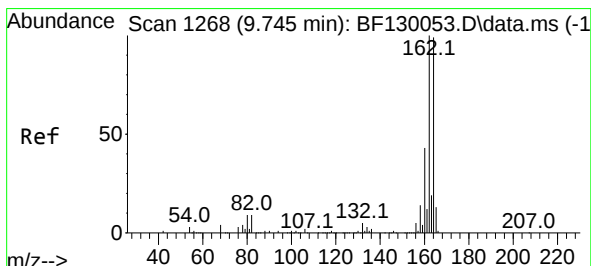
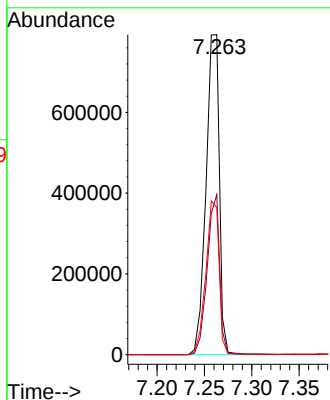
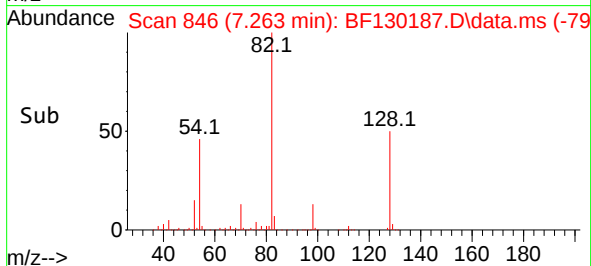
Instrument :
BNA_F
ClientSampleId :
FL-D



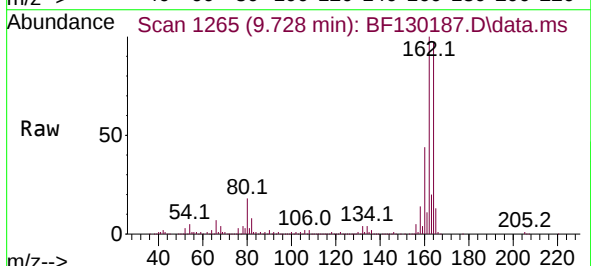
Tgt Ion: 82 Resp: 78193
Ion Ratio Lower Upper
82 100
128 50.0 36.1 54.1
54 46.0 40.0 60.0

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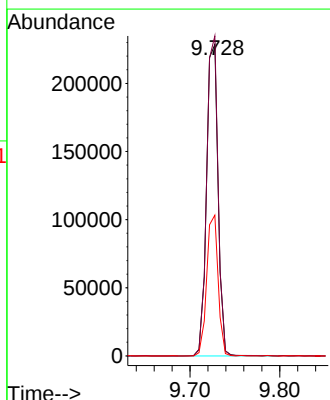
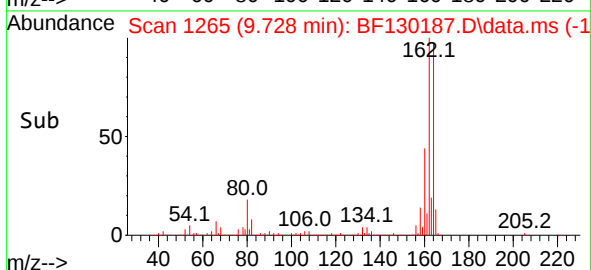
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53



Tgt Ion:164 Resp: 203983
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 45.2 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 137.997 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

Instrument :

BNA_F

ClientSampleId :

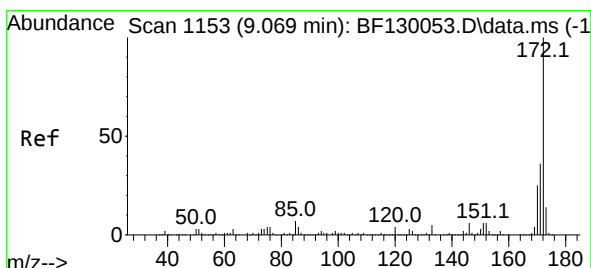
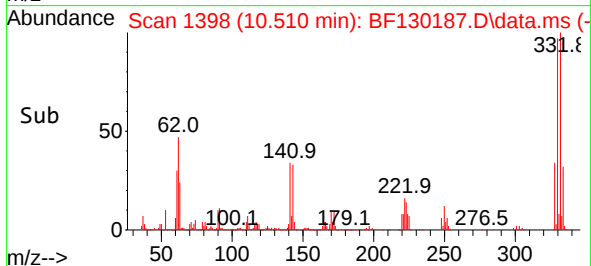
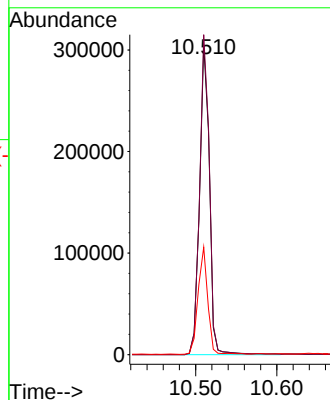
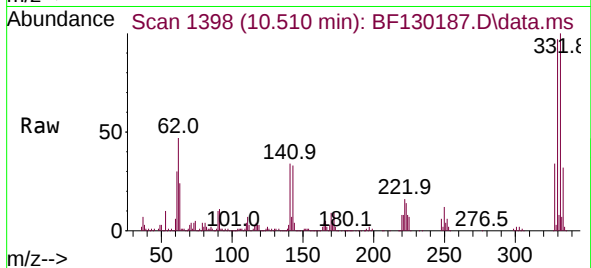
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Tgt Ion:330 Resp: 256235
Ion Ratio Lower Upper
330 100
332 102.4 82.6 124.0
141 33.9 27.6 41.4

Manual Integrations

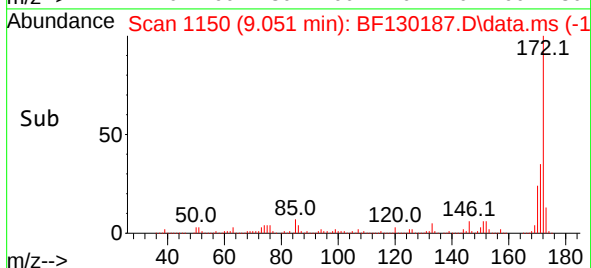
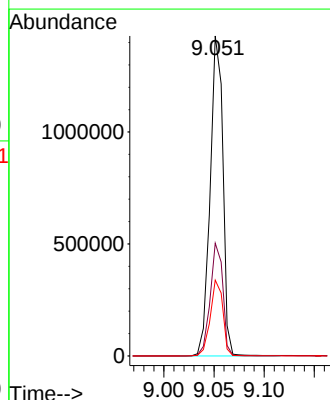
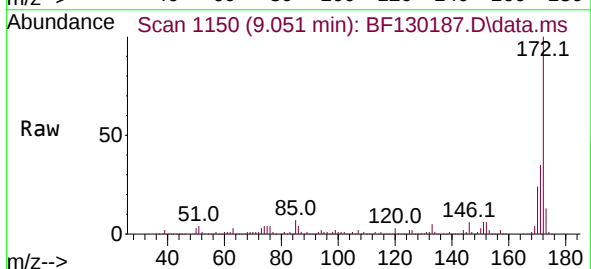
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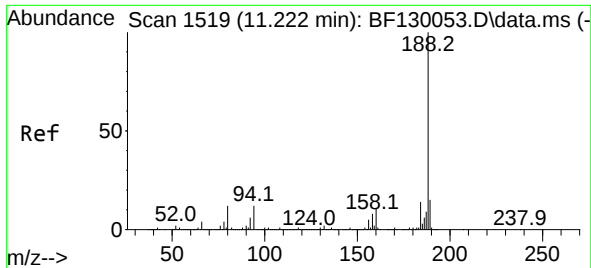
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#45
2-Fluorobiphenyl
Concen: 102.402 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

Tgt Ion:172 Resp: 1259880
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.7 19.1 28.7





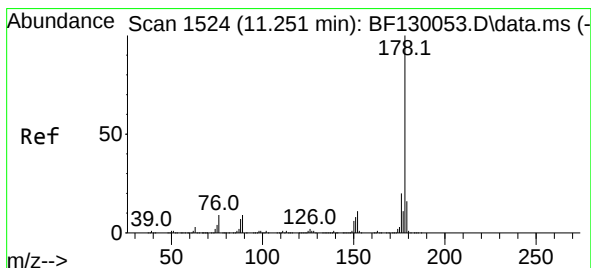
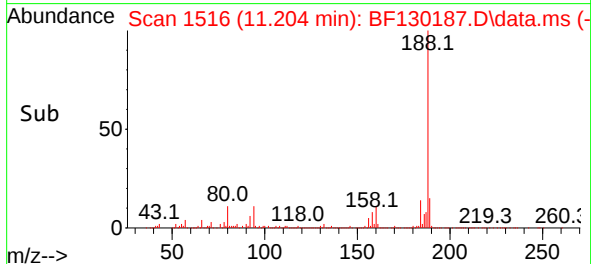
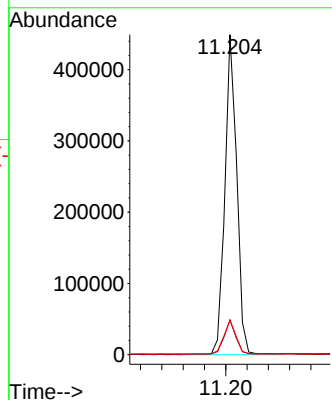
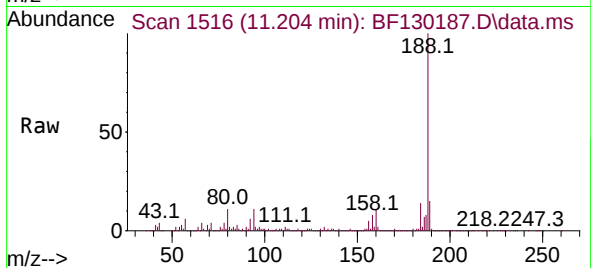
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

Instrument :
BNA_F
ClientSampleId :
FL-D

Tgt Ion:188 Resp: 349058
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 10.7 7.9 11.9

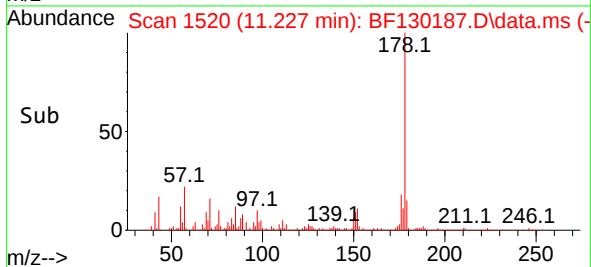
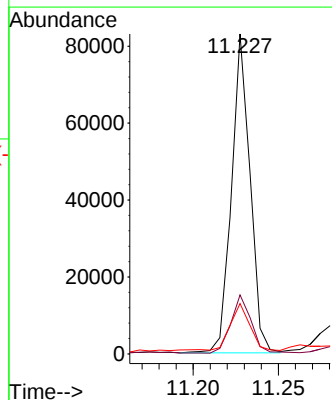
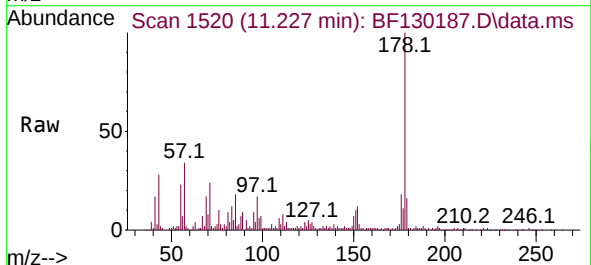
Manual Integrations
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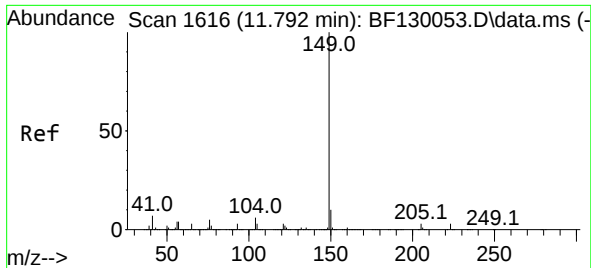
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#71
Phenanthrene
Concen: 3.313 ng
RT: 11.227 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

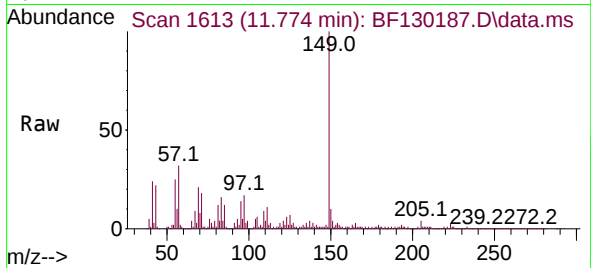
Tgt Ion:178 Resp: 62720
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.7 12.5 18.7





#74
Di-n-butylphthalate
Concen: 7.540 ng
RT: 11.774 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

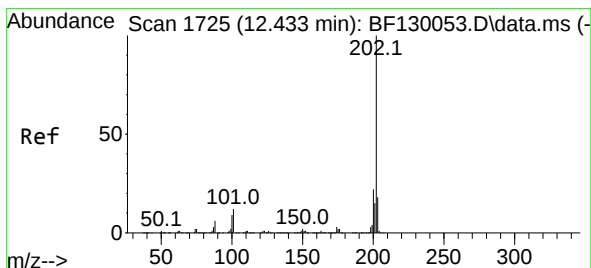
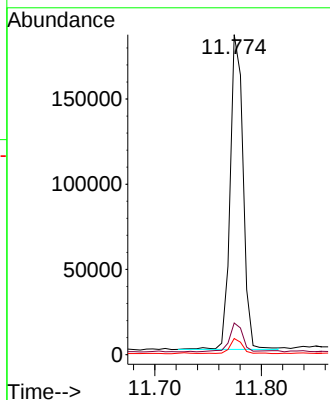
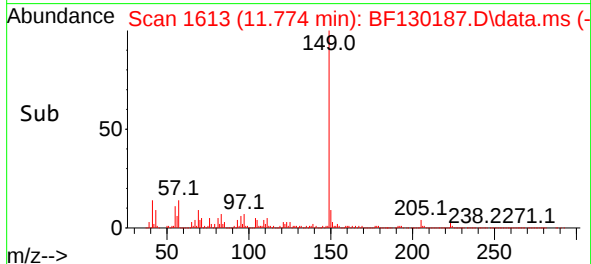
Instrument :
BNA_F
ClientSampleId :
FL-D



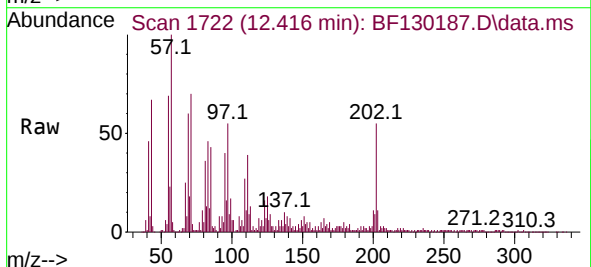
Tgt Ion:149 Resp: 15602
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.0 4.2 6.4

Manual Integrations
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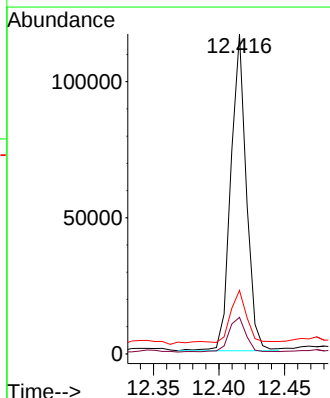
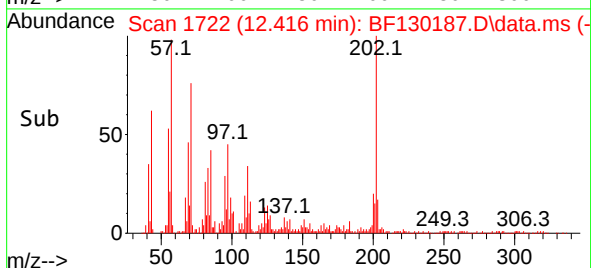
Reviewed By :Christian Giraldo 09/09/2022
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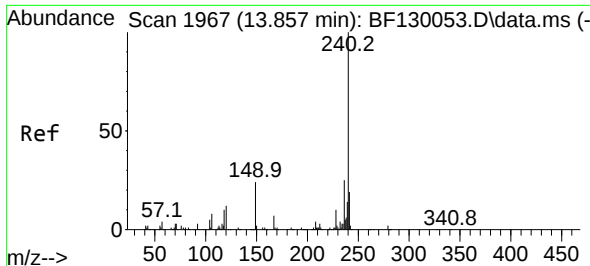


#75
Fluoranthene
Concen: 5.123 ng
RT: 12.416 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53



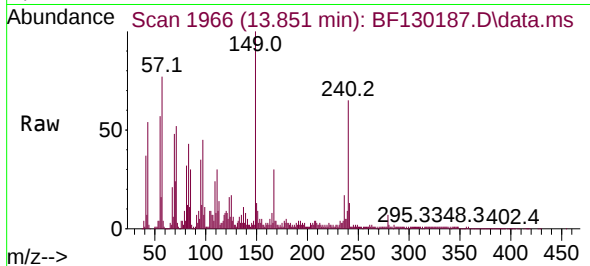
Tgt Ion:202 Resp: 96170
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 19.8 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

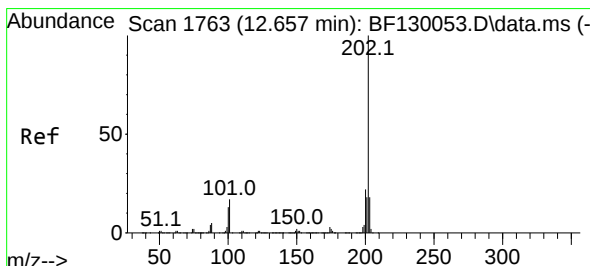
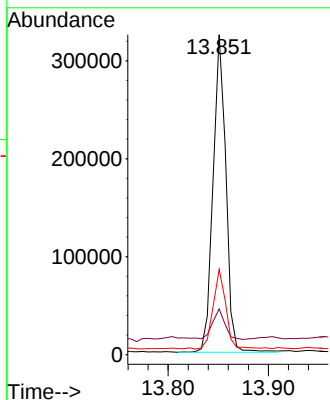
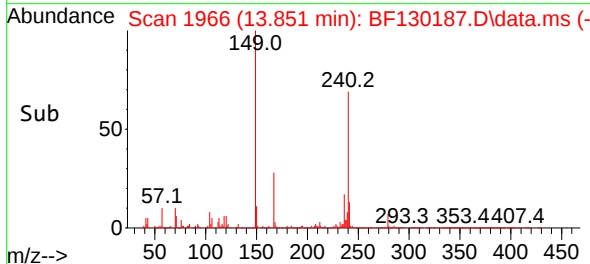
Instrument :
BNA_F
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FL-D



Tgt Ion:240 Resp: 288400
Ion Ratio Lower Upper
240 100
120 14.3 9.2 13.8
236 26.6 20.7 31.1

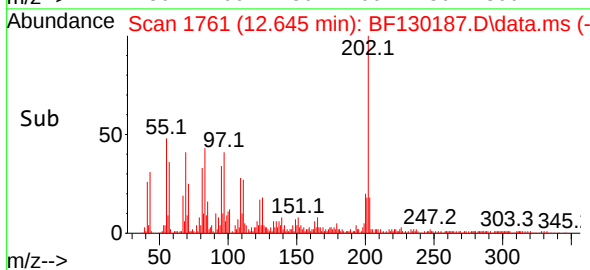
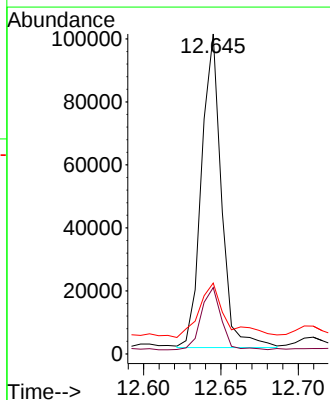
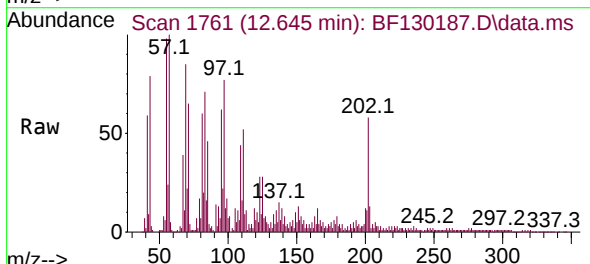
Manual Integrations
APPROVED

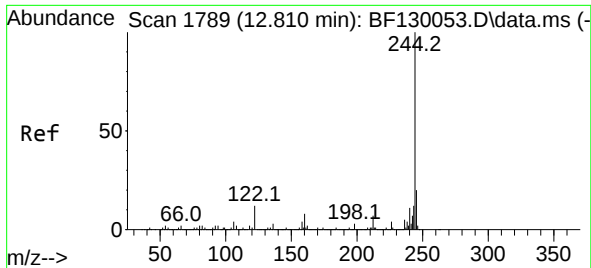
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#78
Pyrene
Concen: 3.451 ng m
RT: 12.645 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

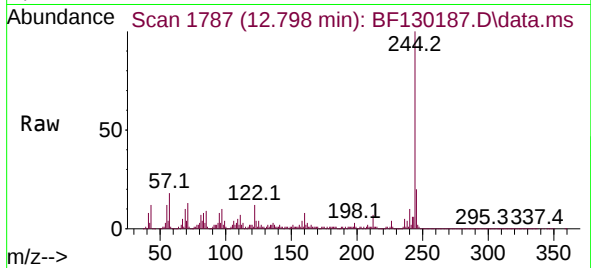
Tgt Ion:202 Resp: 89282
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 22.1 14.1 21.1#





#79
 Terphenyl-d14
 Concen: 83.442 ng
 RT: 12.798 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: BF130187.D
 Acq: 08 Sep 2022 19:53

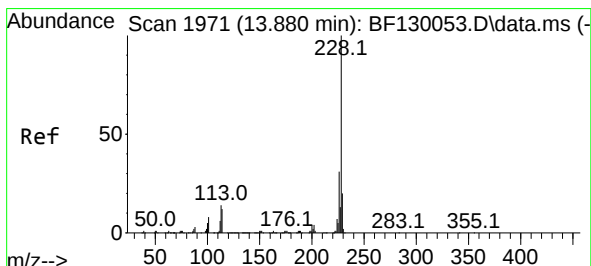
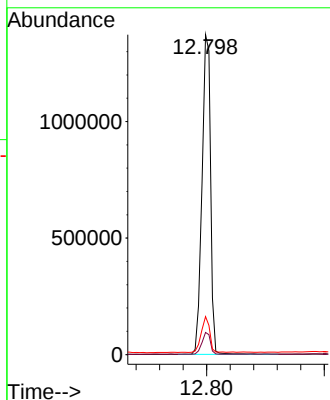
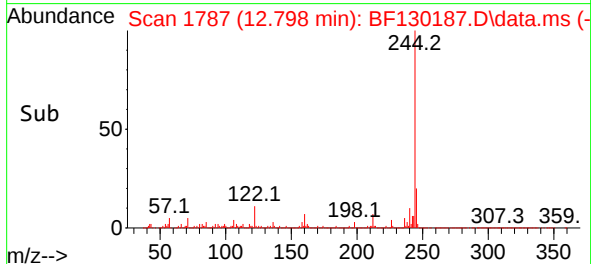
Instrument :
 BNA_F
 ClientSampleId :
 FL-D



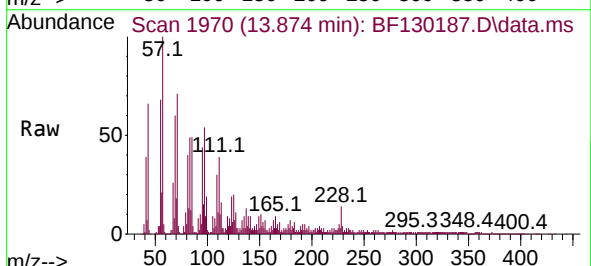
Tgt Ion:244 Resp: 1387736
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.9 9.9 14.9

Manual Integrations
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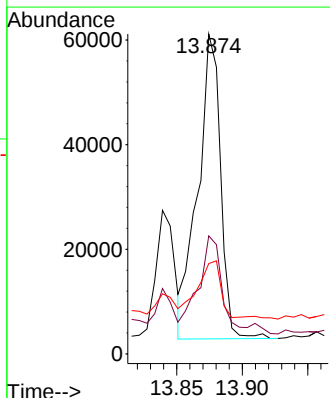
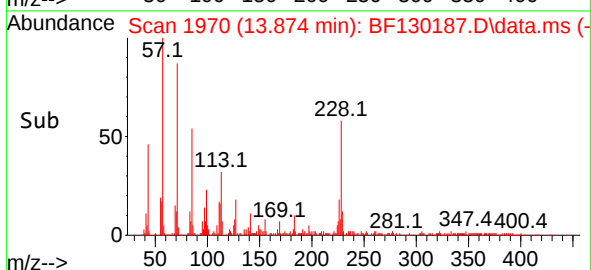
Reviewed By :Christian Giraldo 09/09/2022
 Supervised By :Jagrut Upadhyay 09/09/2022

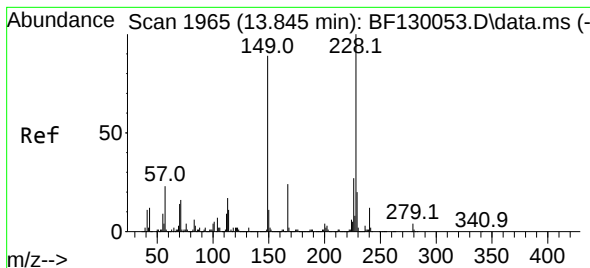


#83
 Chrysene
 Concen: 3.603 ng
 RT: 13.874 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: BF130187.D
 Acq: 08 Sep 2022 19:53



Tgt Ion:228 Resp: 70208
 Ion Ratio Lower Upper
 228 100
 226 36.9 24.4 36.6#
 229 28.2 15.9 23.9#





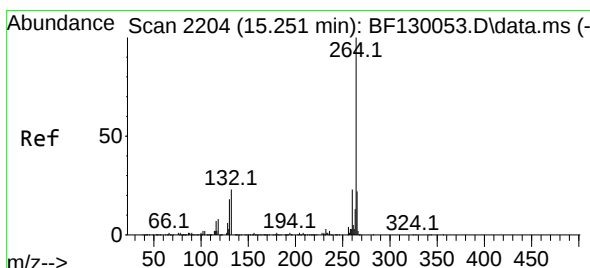
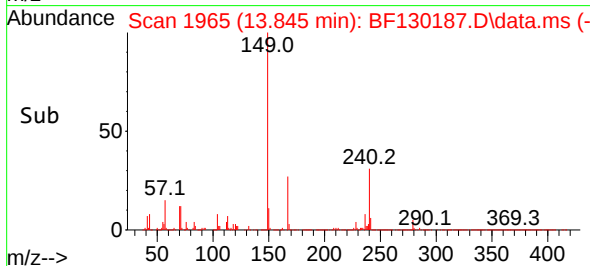
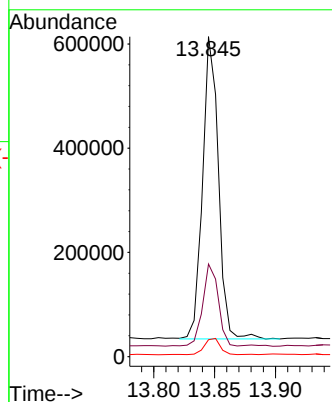
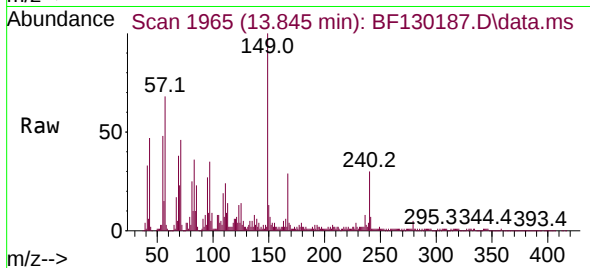
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.102 ng
RT: 13.845 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

Instrument :
BNA_F
ClientSampleId :
FL-D

Tgt Ion:149 Resp: 525680
Ion Ratio Lower Upper
149 100
167 28.9 22.0 33.0
279 5.3 3.6 5.4

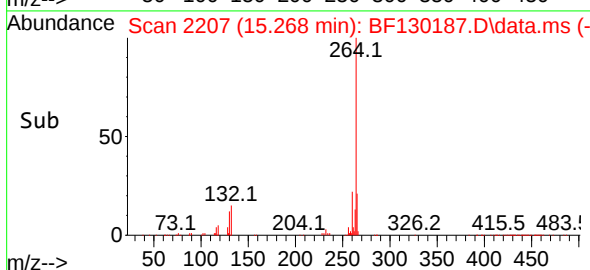
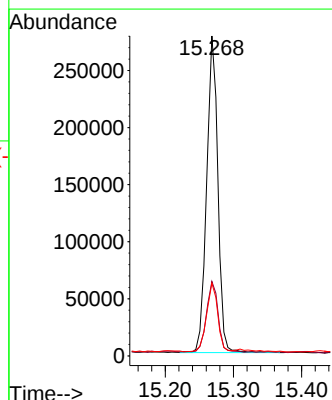
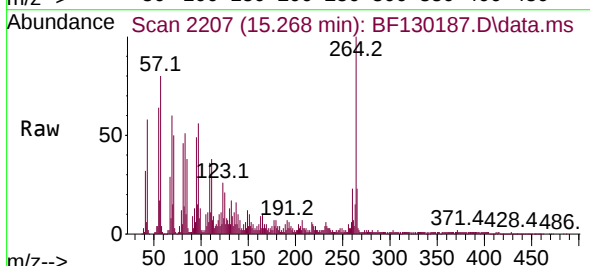
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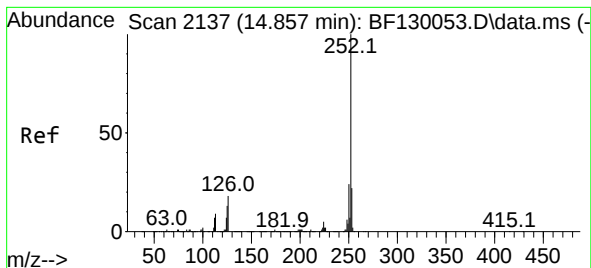
Reviewed By :Christian Giraldo 09/09/2022
Supervised By :Jagrut Upadhyay 09/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.268 min Scan# 2207
Delta R.T. 0.029 min
Lab File: BF130187.D
Acq: 08 Sep 2022 19:53

Tgt Ion:264 Resp: 317252
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 22.7 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 2.643 ng m

RT: 14.868 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF130187.D

Acq: 08 Sep 2022 19:53

Instrument :

BNA_F

ClientSampleId :

FL-D

Tgt Ion:252 Resp: 5592

Ion Ratio Lower Upper

252 100

253 35.6 17.5 26.3

125 197.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/09/2022

Supervised By :Jagrut Upadhyay 09/09/2022

