

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130870.D
 Acq On : 29 Oct 2022 21:51
 Operator : CG\JU
 Sample : N5267-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5-1024

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 30 23:28:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	70687	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	217655	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	106329	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	206859	20.000	ng	0.00
76) Chrysene-d12	14.133	240	130320	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	96795	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	423544	103.875	ng	0.00
7) Phenol-d6	6.563	99	498614	94.102	ng	0.00
23) Nitrobenzene-d5	7.510	82	298722	82.758	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	110900	123.900	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	473162	67.278	ng	0.00
79) Terphenyl-d14	13.074	244	518497	72.907	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.257	128	33196	2.923	ng	# 90
37) 2-Methylnaphthalene	8.951	142	44790	6.270	ng	98
38) 1-Methylnaphthalene	9.051	142	30192	4.343	ng	92
71) Phenanthrene	11.510	178	51749	4.847	ng	96
75) Fluoranthene	12.704	202	59644	5.258	ng	98
78) Pyrene	12.933	202	60738	5.524	ng	99
81) Benzo(a)anthracene	14.121	228	19826	2.295	ng	# 82
83) Chrysene	14.157	228	21806	2.616	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.104	149	10664	2.242	ng	# 87
88) Benzo(b)fluoranthene	15.204	252	23320m	3.727	ng	
90) Benzo(a)pyrene	15.592	252	15950	3.171	ng	# 48
92) Benzo(g,h,i)perylene	17.686	276	11522	2.155	ng	# 69

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

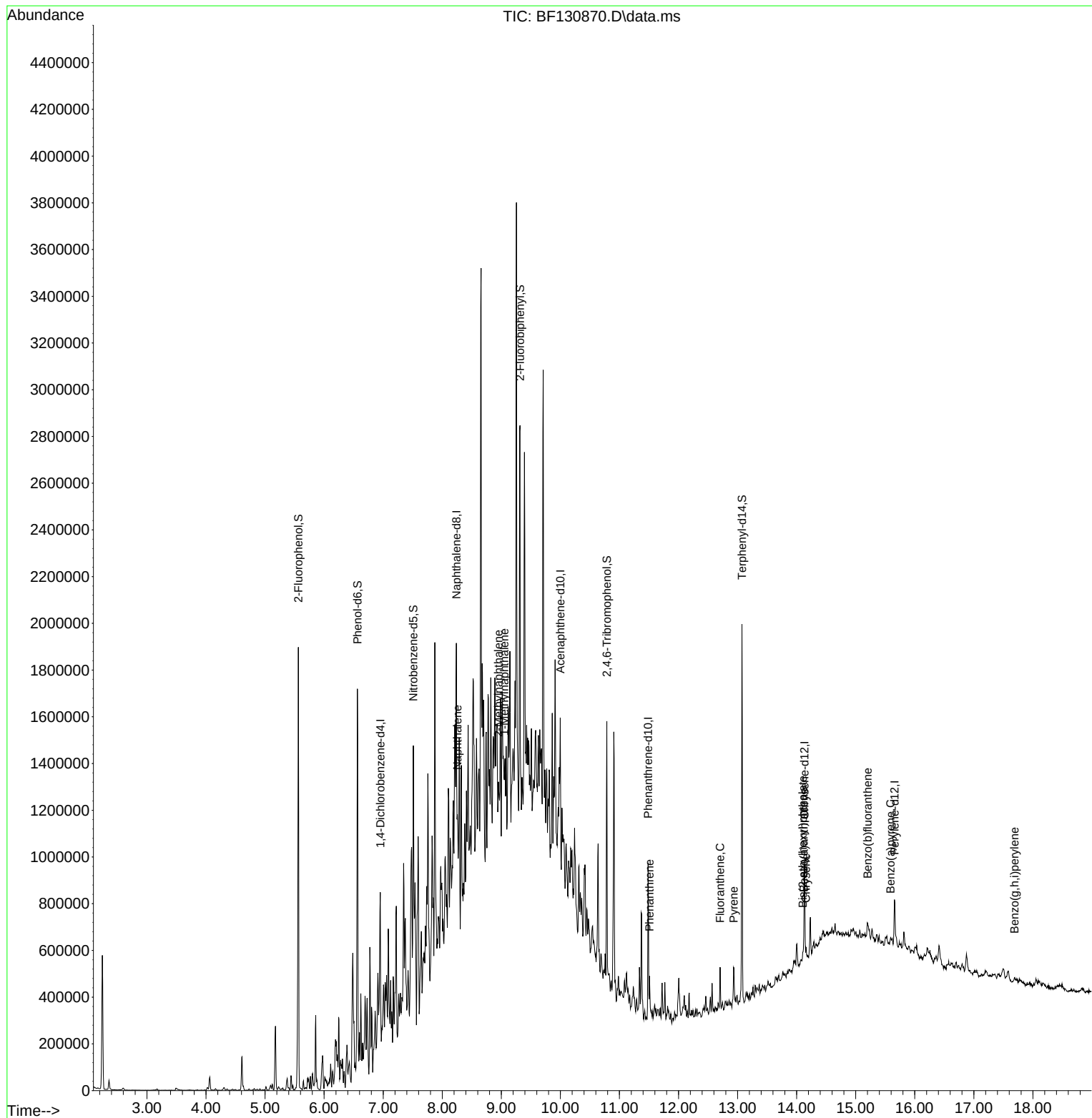
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130870.D
Acq On : 29 Oct 2022 21:51
Operator : CG\JU
Sample : N5267-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

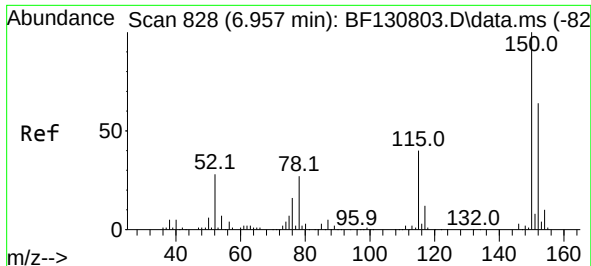
Instrument :
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TP5-1024

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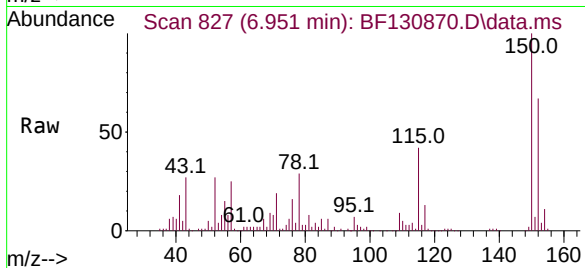
Quant Time: Oct 30 23:28:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

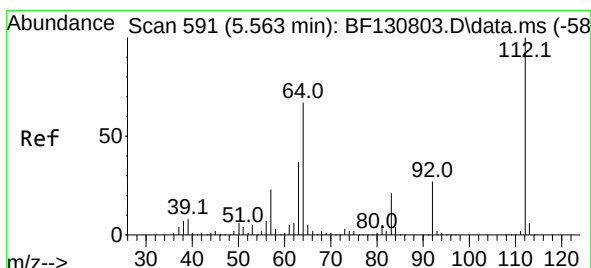
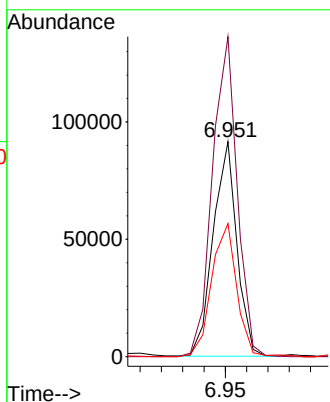
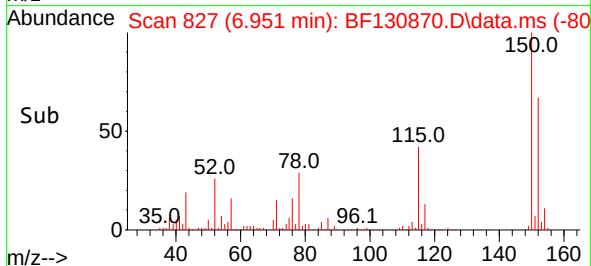
Instrument :
BNA_F
ClientSampleId :
TP5-1024



Tgt Ion:152 Resp: 7068
Ion Ratio Lower Upper
152 100
150 148.9 124.1 186.1
115 61.9 50.1 75.1

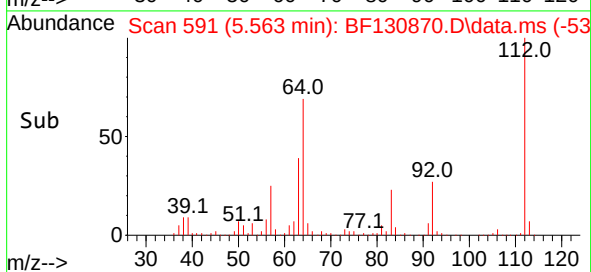
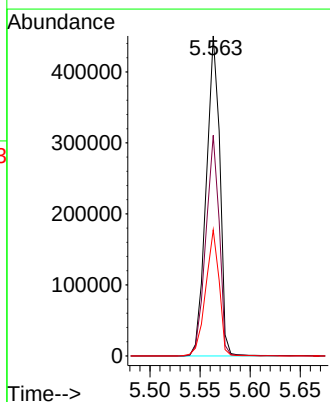
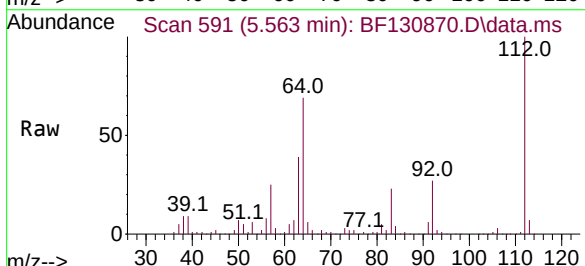
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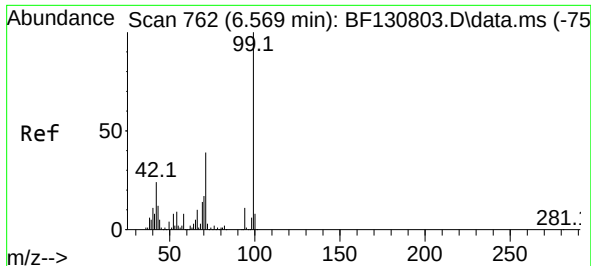
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#5
2-Fluorophenol
Concen: 103.875 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

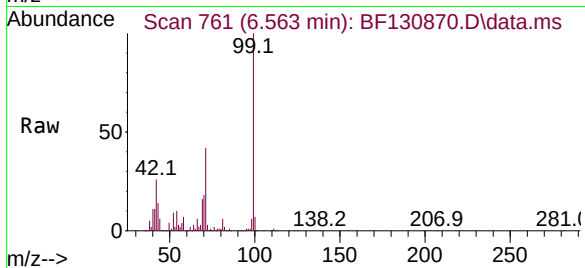
Tgt Ion:112 Resp: 423544
Ion Ratio Lower Upper
112 100
64 68.9 53.9 80.9
63 39.4 29.4 44.2





#7
Phenol-d6
Concen: 94.102 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

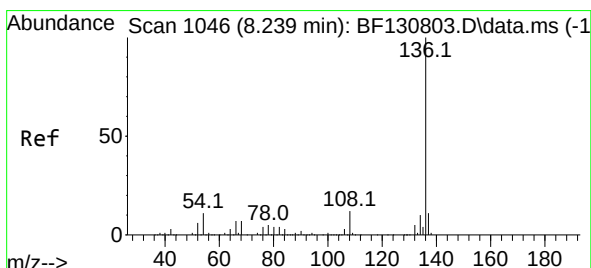
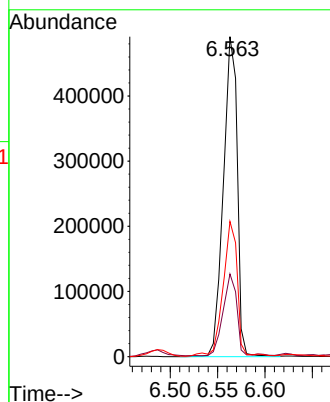
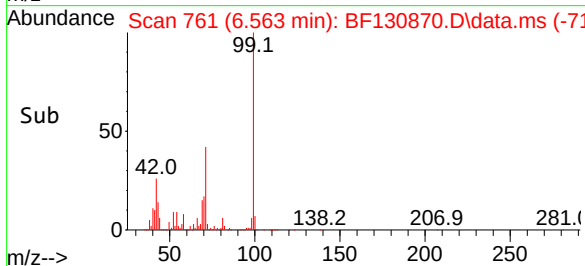
Instrument :
BNA_F
ClientSampleId :
TP5-1024



Tgt Ion: 99 Resp: 498614
Ion Ratio Lower Upper
99 100
42 25.8 18.8 28.2
71 42.2 31.4 47.0

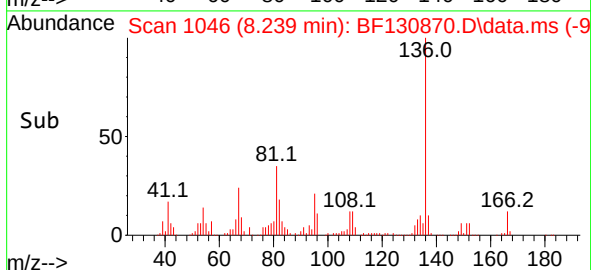
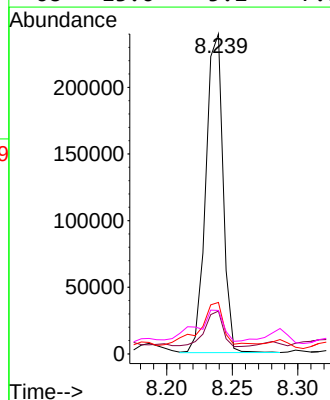
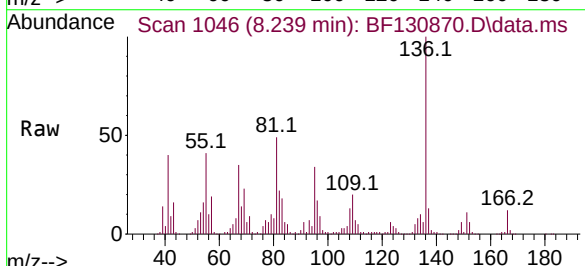
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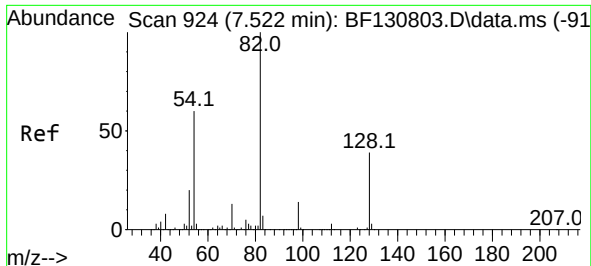
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

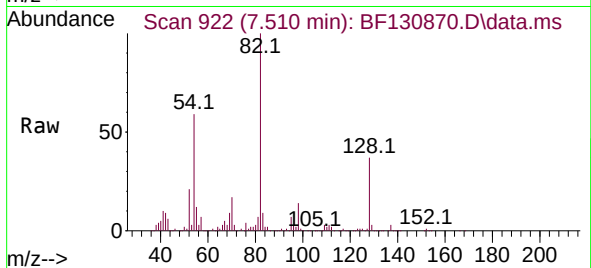
Tgt Ion:136 Resp: 217655
Ion Ratio Lower Upper
136 100
137 13.4 9.2 13.8
54 16.1 8.8 13.2#
68 13.6 5.2 7.8#





#23
Nitrobenzene-d5
Concen: 82.758 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

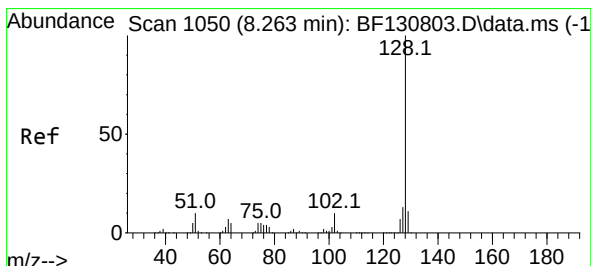
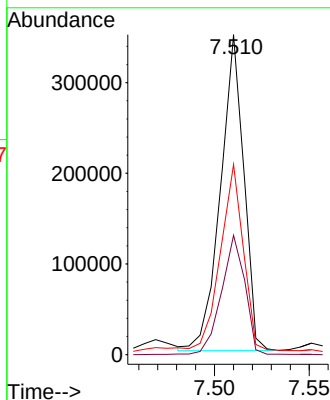
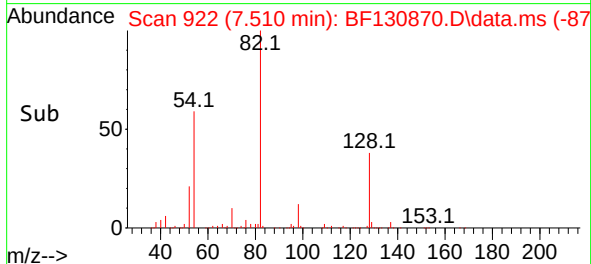
Instrument :
BNA_F
ClientSampleId :
TP5-1024



Tgt Ion: 82 Resp: 298722
Ion Ratio Lower Upper
82 100
128 37.3 31.2 46.8
54 59.4 48.0 72.0

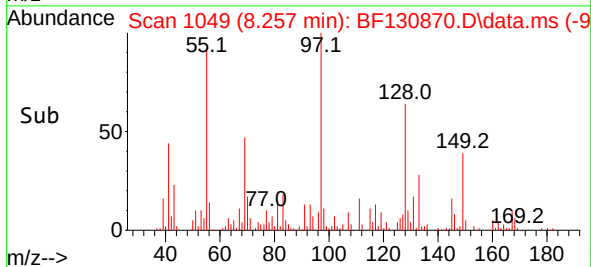
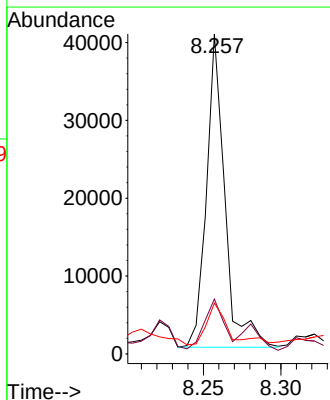
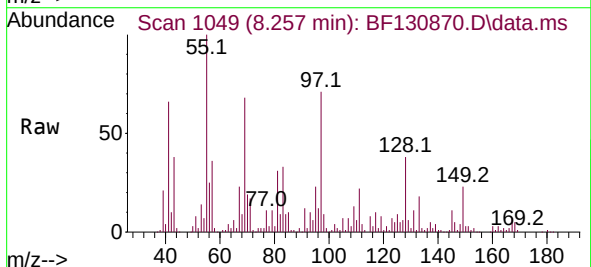
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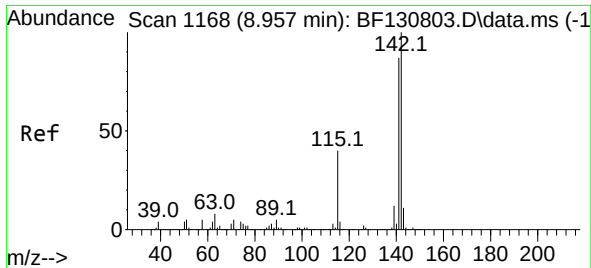
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#31
Naphthalene
Concen: 2.923 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

Tgt Ion:128 Resp: 33196
Ion Ratio Lower Upper
128 100
129 17.1 9.0 13.6#
127 15.9 10.6 16.0





#37

2-Methylnaphthalene

Concen: 6.270 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF130870.D

Acq: 29 Oct 2022 21:51

Instrument :

BNA_F

ClientSampleId :

TP5-1024

Tgt Ion:142 Resp: 44790

Ion Ratio Lower Upper

142 100

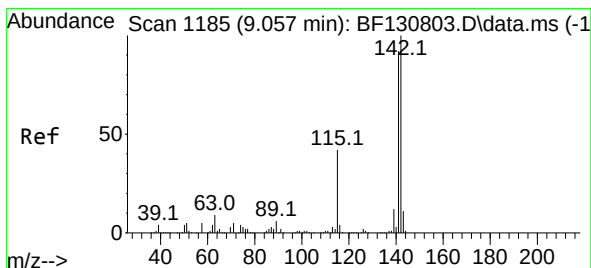
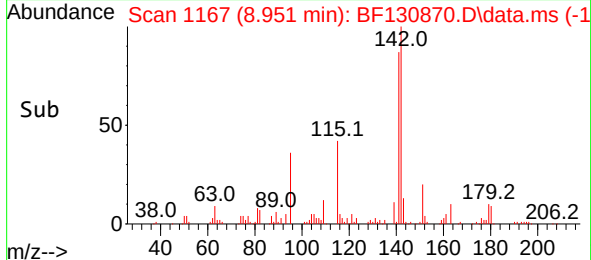
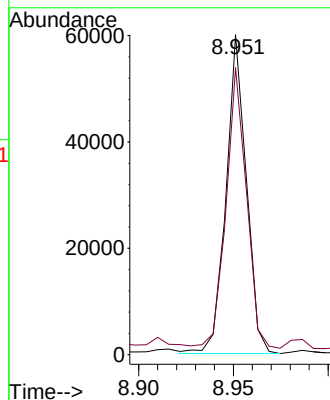
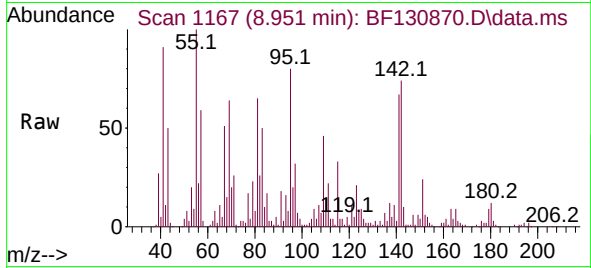
141 89.7 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#38

1-Methylnaphthalene

Concen: 4.343 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF130870.D

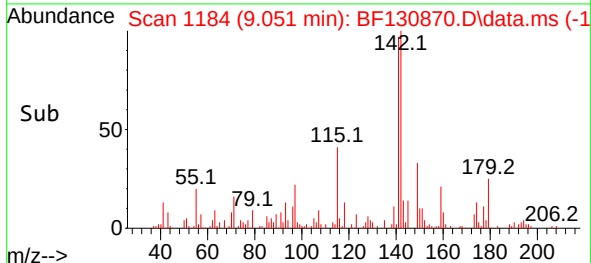
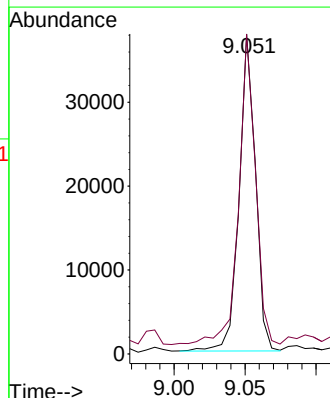
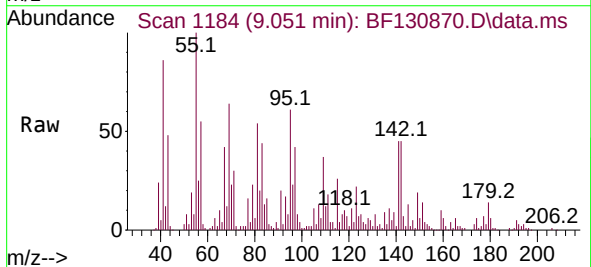
Acq: 29 Oct 2022 21:51

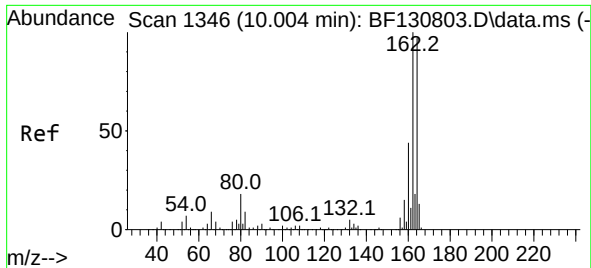
Tgt Ion:142 Resp: 30192

Ion Ratio Lower Upper

142 100

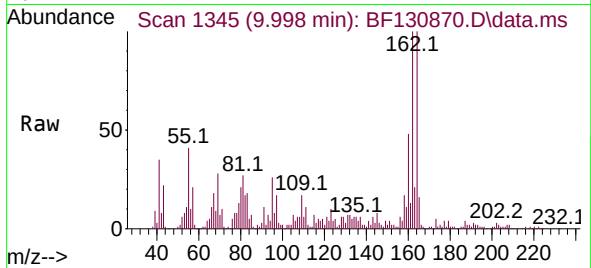
141 99.8 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

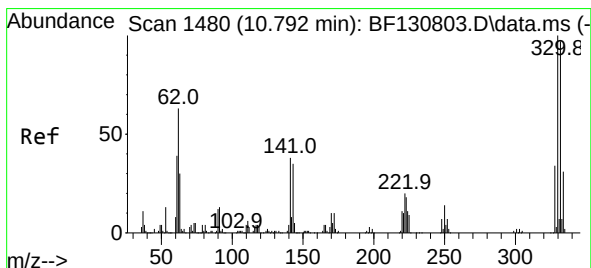
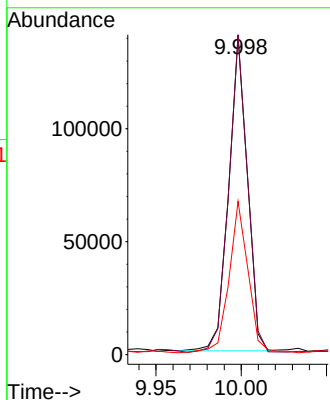
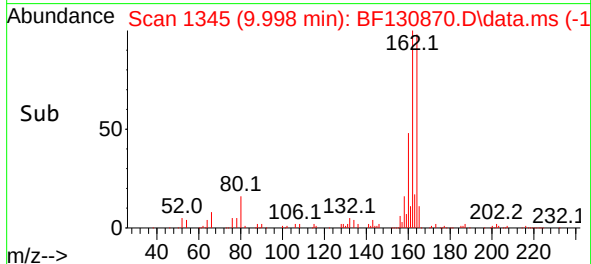
Instrument :
BNA_F
ClientSampleId :
TP5-1024



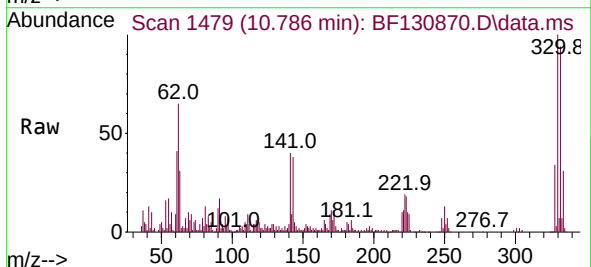
Tgt Ion:164 Resp: 106329
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 48.1 36.6 54.8

Manual Integrations
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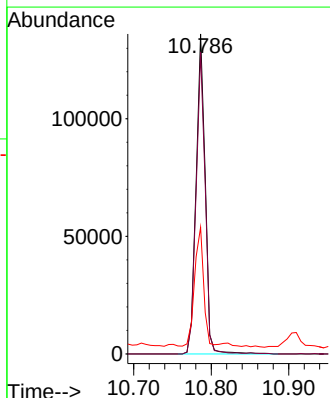
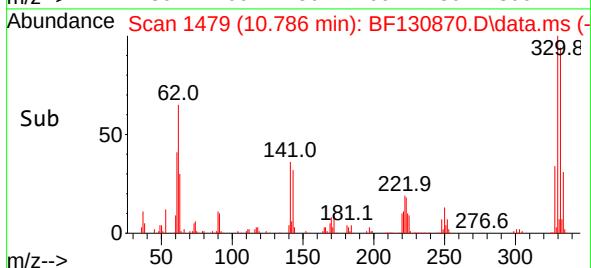
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

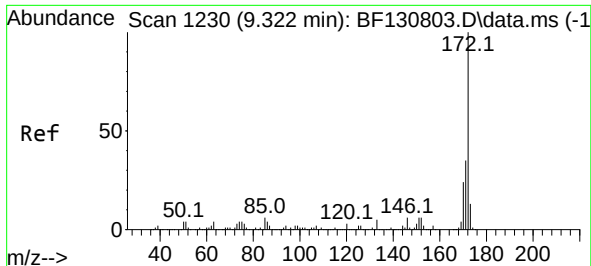


#42
2,4,6-Tribromophenol
Concen: 123.900 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51



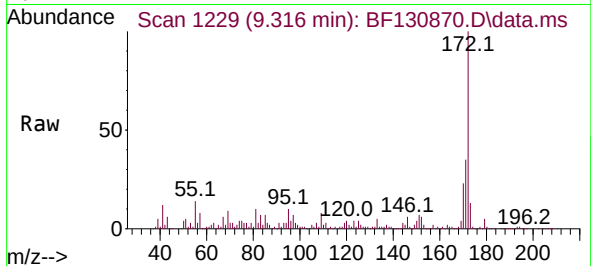
Tgt Ion:330 Resp: 110900
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 36.7 31.4 47.0





#45
2-Fluorobiphenyl
Concen: 67.278 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

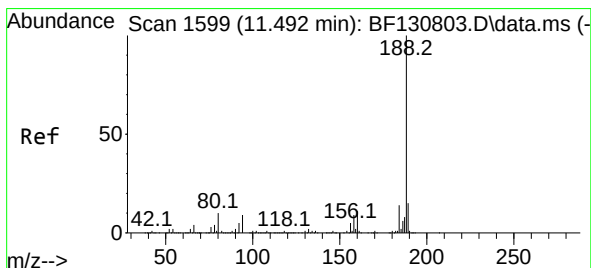
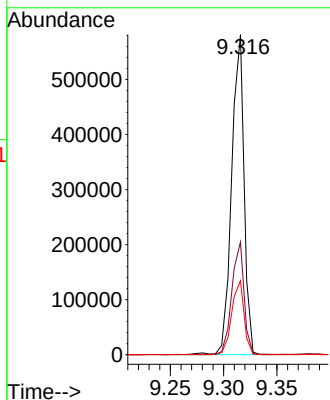
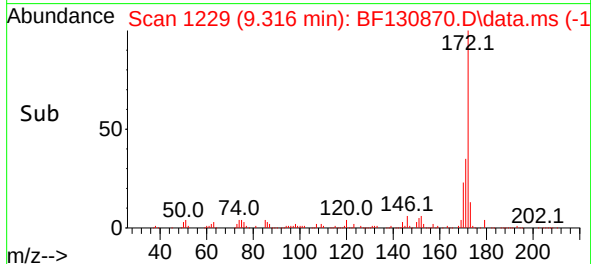
Instrument :
BNA_F
ClientSampleId :
TP5-1024



Tgt Ion:172 Resp: 473162
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.1 19.0 28.4

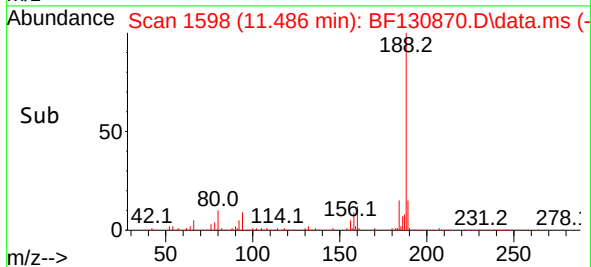
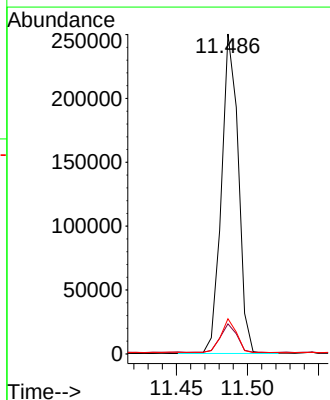
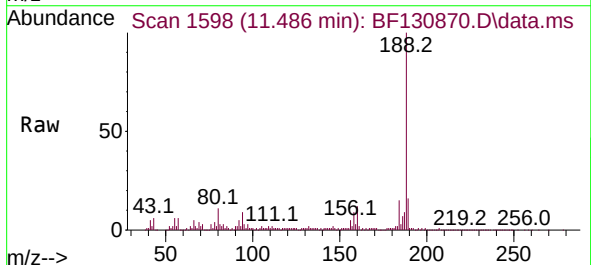
Manual Integrations
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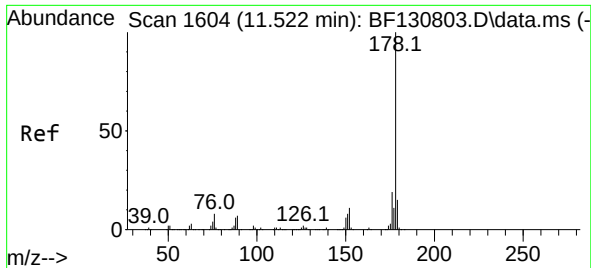
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

Tgt Ion:188 Resp: 206859
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 11.0 8.0 12.0





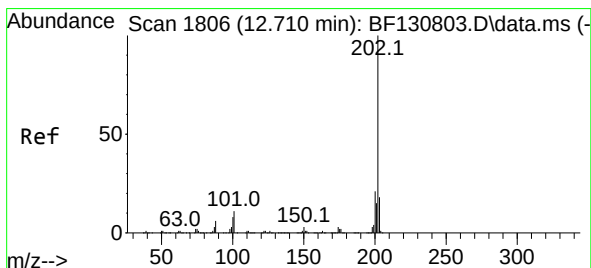
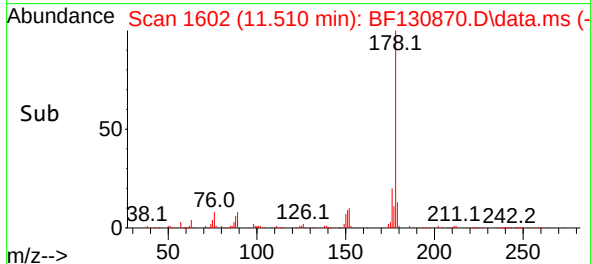
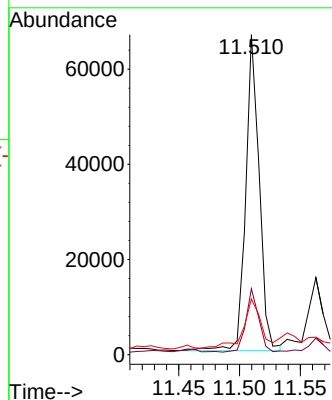
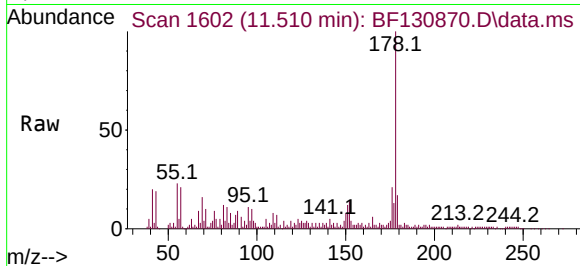
#71
Phenanthrene
Concen: 4.847 ng
RT: 11.510 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

Instrument :
BNA_F
ClientSampleId :
TP5-1024

Tgt Ion:178 Resp: 51749
Ion Ratio Lower Upper
178 100
176 20.6 15.5 23.3
179 17.4 12.2 18.2

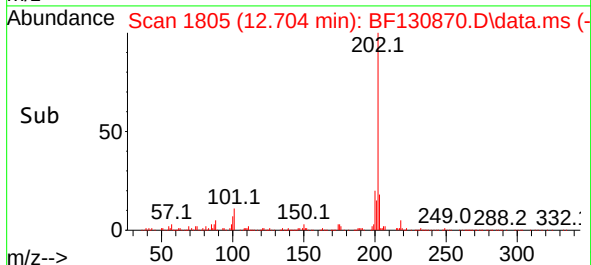
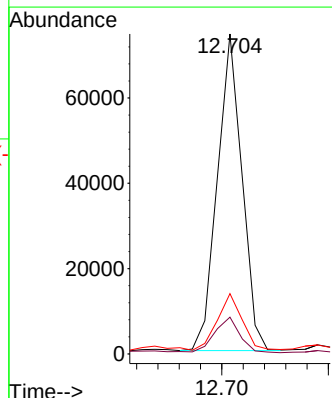
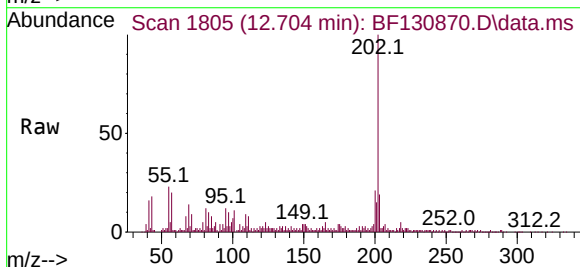
Manual Integrations
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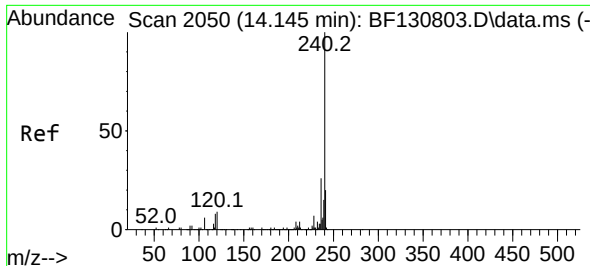
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#75
Fluoranthene
Concen: 5.258 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

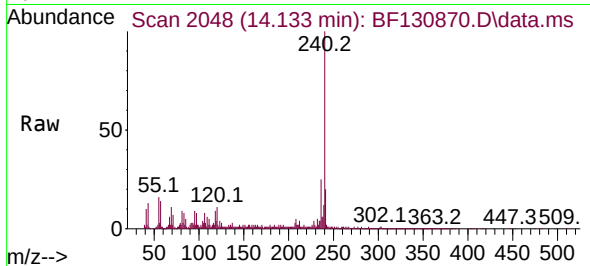
Tgt Ion:202 Resp: 59644
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.9
203 18.8 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

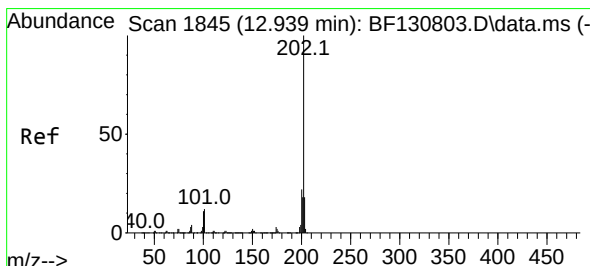
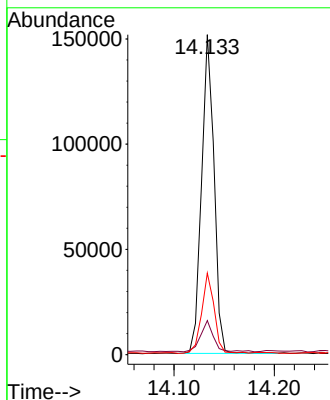
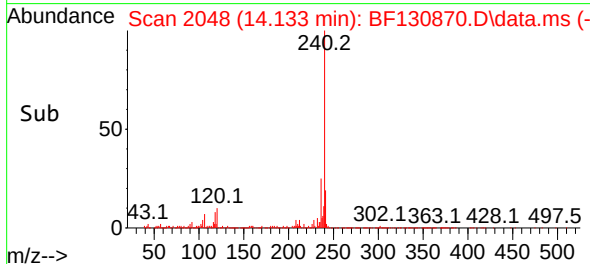
Instrument :
BNA_F
ClientSampleId :
TP5-1024



Tgt Ion:240 Resp: 130320
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.4
236 25.5 20.5 30.7

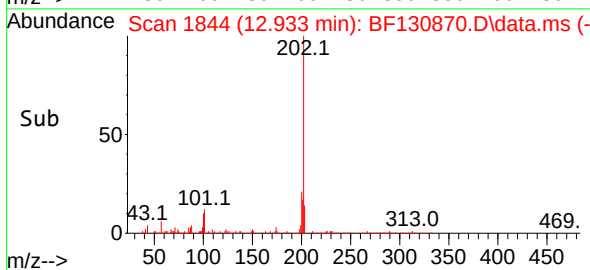
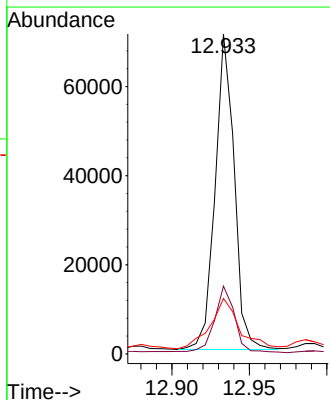
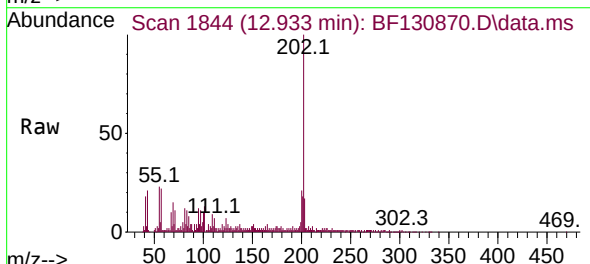
Manual Integrations
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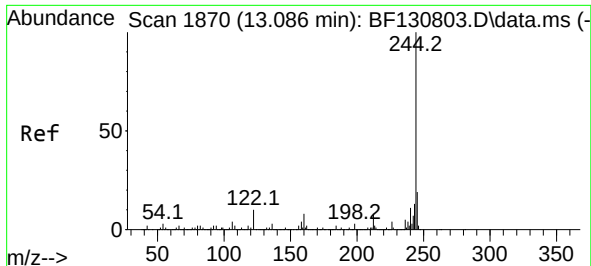
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#78
Pyrene
Concen: 5.524 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

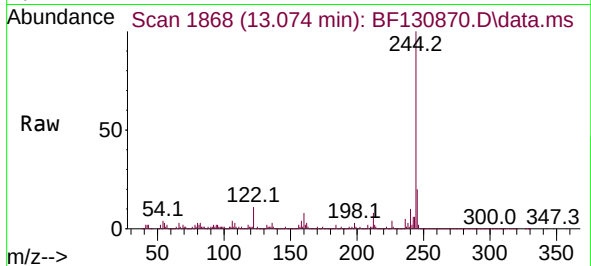
Tgt Ion:202 Resp: 60738
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.3 14.5 21.7





#79
 Terphenyl-d14
 Concen: 72.907 ng
 RT: 13.074 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: BF130870.D
 Acq: 29 Oct 2022 21:51

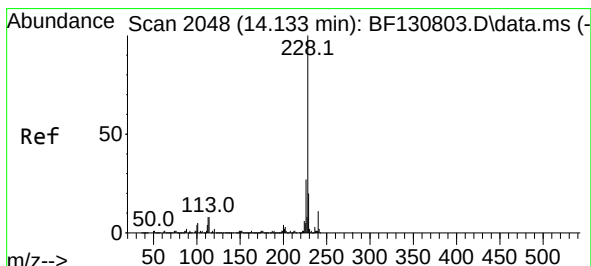
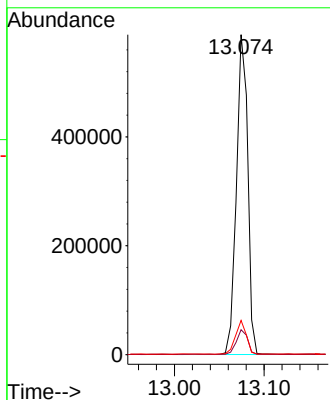
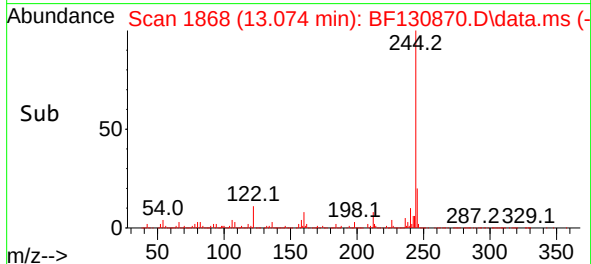
Instrument :
 BNA_F
 ClientSampleId :
 TP5-1024



Tgt Ion:244 Resp: 518497
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.7 7.9 11.9

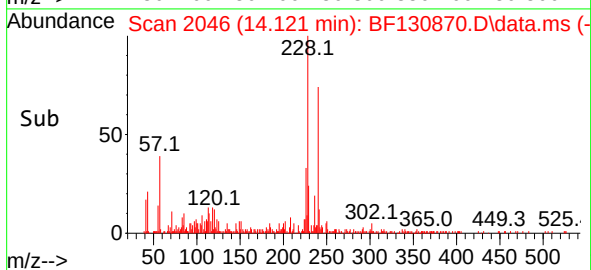
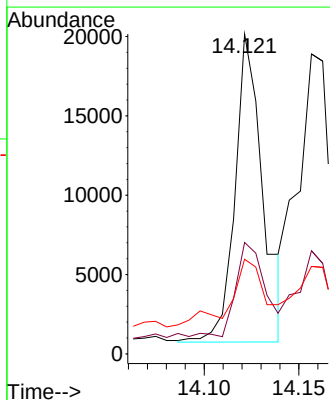
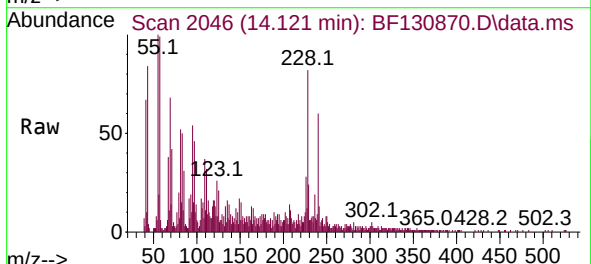
Manual Integrations
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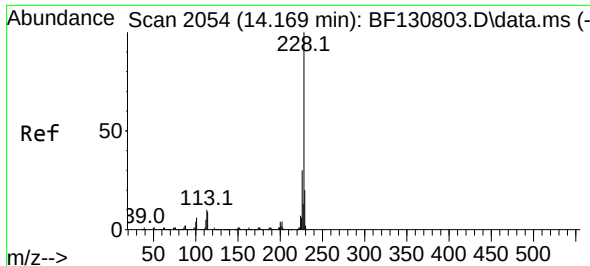
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#81
 Benzo(a)anthracene
 Concen: 2.295 ng
 RT: 14.121 min Scan# 2046
 Delta R.T. -0.000 min
 Lab File: BF130870.D
 Acq: 29 Oct 2022 21:51

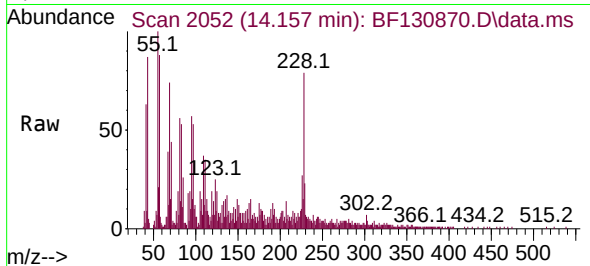
Tgt Ion:228 Resp: 19826
 Ion Ratio Lower Upper
 228 100
 226 34.8 21.4 32.2#
 229 29.6 15.8 23.6#





#83
Chrysene
Concen: 2.616 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

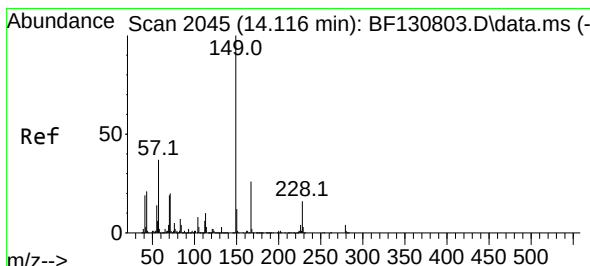
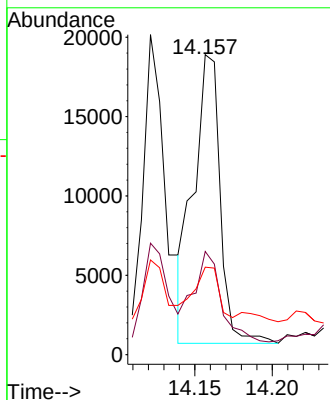
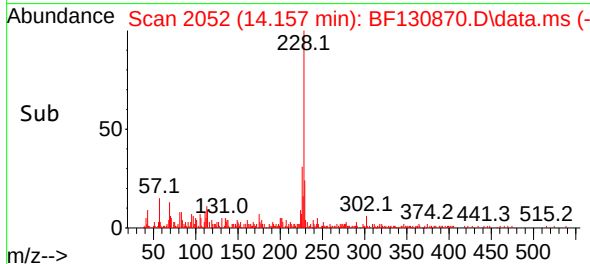
Instrument :
BNA_F
ClientSampleId :
TP5-1024



Tgt Ion:228 Resp: 21806
Ion Ratio Lower Upper
228 100
226 34.4 23.9 35.9
229 29.2 15.8 23.6

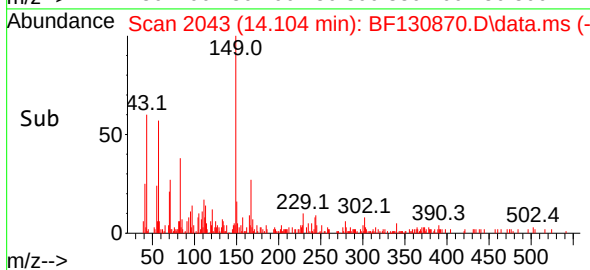
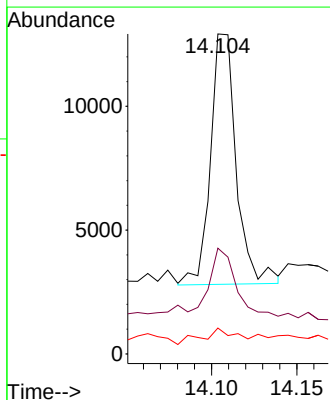
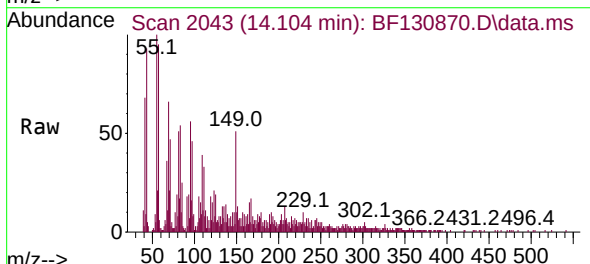
Manual Integrations
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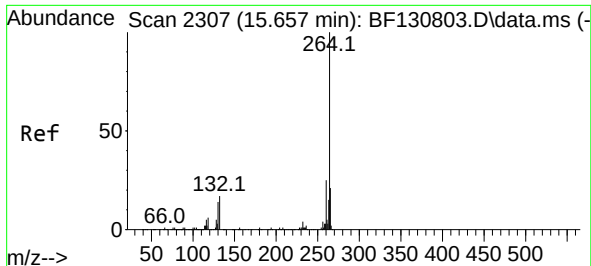
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.242 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

Tgt Ion:149 Resp: 10664
Ion Ratio Lower Upper
149 100
167 33.0 21.0 31.4#
279 8.1 3.0 4.6#





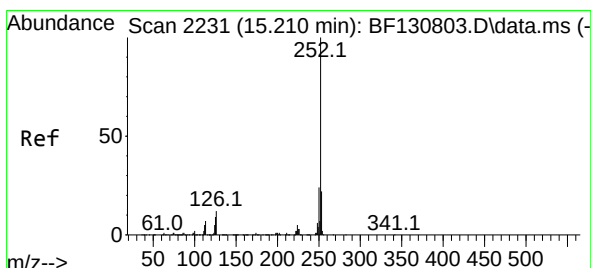
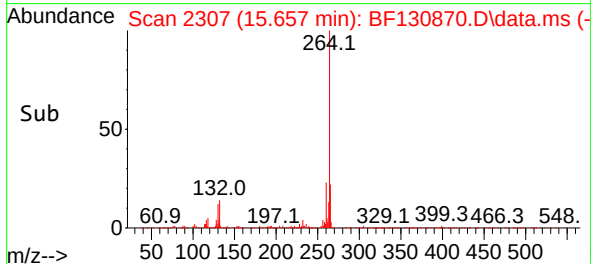
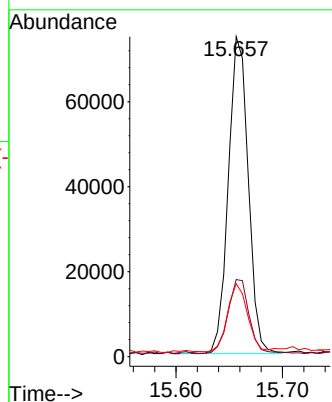
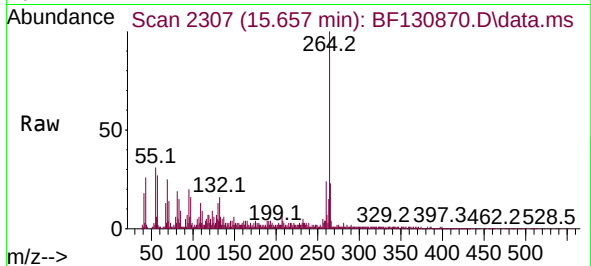
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. 0.012 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

Instrument :
BNA_F
ClientSampleId :
TP5-1024

Tgt Ion:264 Resp: 96795
Ion Ratio Lower Upper
264 100
260 24.1 19.9 29.9
265 22.8 17.0 25.6

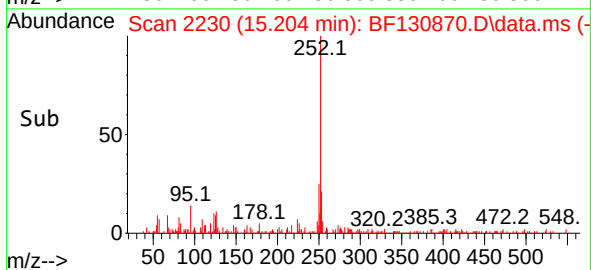
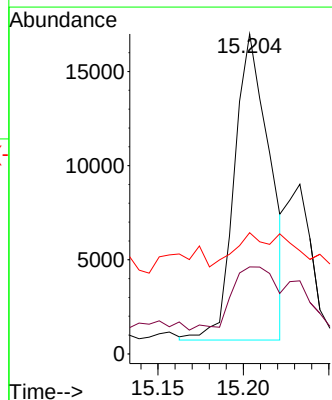
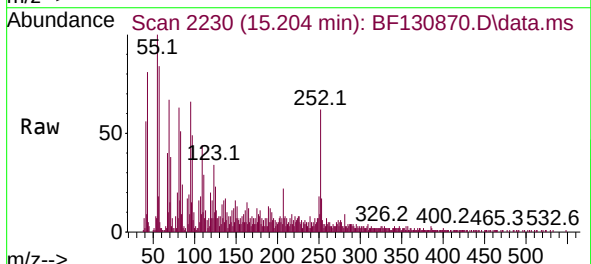
Manual Integrations
APPROVED

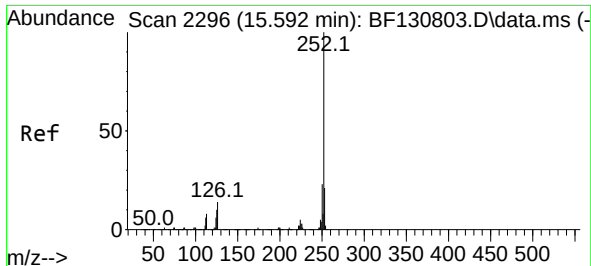
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#88
Benzo(b)fluoranthene
Concen: 3.727 ng m
RT: 15.204 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

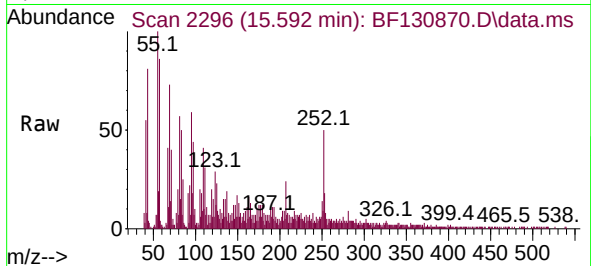
Tgt Ion:252 Resp: 23320
Ion Ratio Lower Upper
252 100
253 27.2 17.5 26.3#
125 37.9 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 3.171 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.012 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51

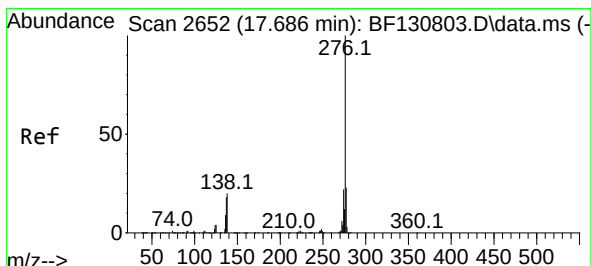
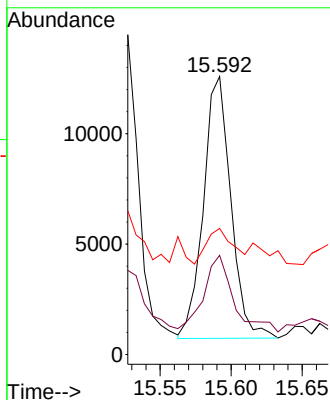
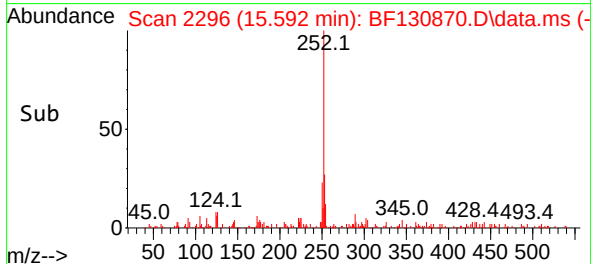
Instrument :
BNA_F
ClientSampleId :
TP5-1024



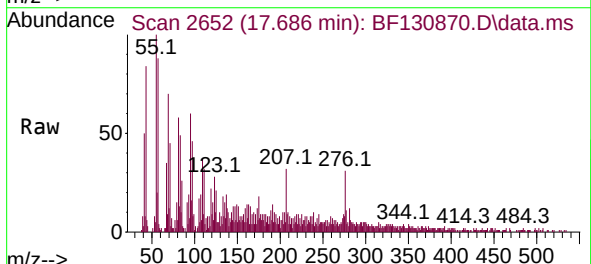
Tgt Ion:252 Resp: 15950
Ion Ratio Lower Upper
252 100
253 35.7 16.8 25.2#
125 45.4 8.3 12.5#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#92
Benzo(g,h,i)perylene
Concen: 2.155 ng
RT: 17.686 min Scan# 2652
Delta R.T. 0.018 min
Lab File: BF130870.D
Acq: 29 Oct 2022 21:51



Tgt Ion:276 Resp: 11522
Ion Ratio Lower Upper
276 100
277 35.0 18.8 28.2#
138 38.4 16.3 24.5#

