

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130459.D
 Acq On : 28 Sep 2022 21:33
 Operator : CG\JU
 Sample : N4826-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-092622

Quant Time: Sep 29 02:18:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.646	152	86190	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	292251	20.000	ng	0.00
39) Acenaphthene-d10	9.681	164	141453	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	258349	20.000	ng	0.00
76) Chrysene-d12	13.792	240	189709	20.000	ng	0.00
86) Perylene-d12	15.186	264	141235	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	96594	19.438	ng	0.00
7) Phenol-d6	6.287	99	111917	18.000	ng	0.00
23) Nitrobenzene-d5	7.210	82	60919	10.649	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	29190	21.536	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	108345	11.154	ng	0.00
79) Terphenyl-d14	12.745	244	132315	11.553	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.369	202	42243	3.014	ng	98
78) Pyrene	12.592	202	50043	3.015	ng	98
88) Benzo(b)fluoranthene	14.792	252	21092m	2.288	ng	
90) Benzo(a)pyrene	15.127	252	14819	2.029	ng	# 76

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

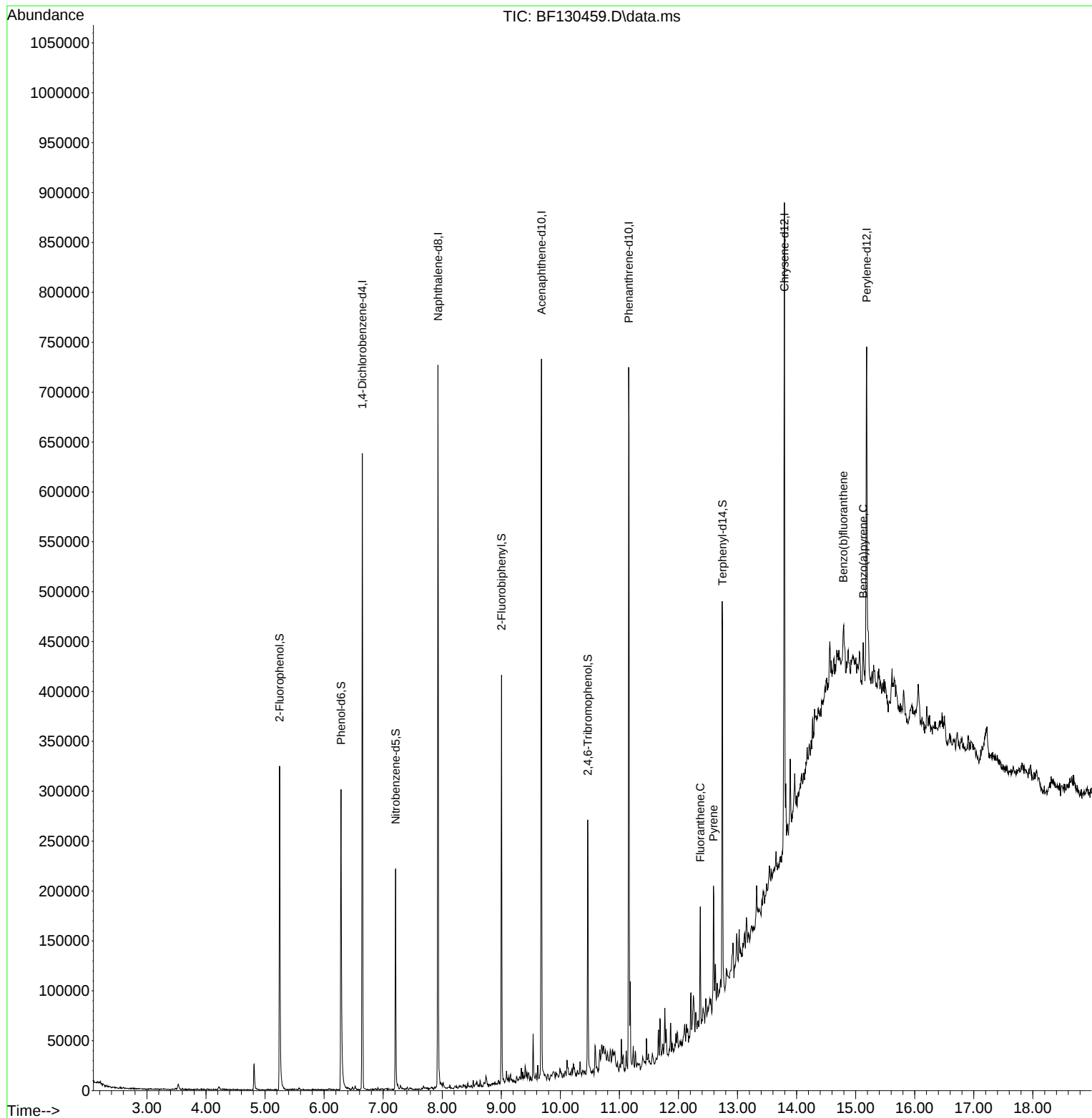
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130459.D
Acq On : 28 Sep 2022 21:33
Operator : CG\JU
Sample : N4826-01 5X
Misc :
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Instrument :
BNA_F
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OK-03-092622

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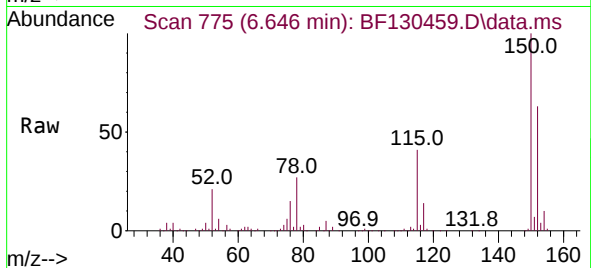
Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.646 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

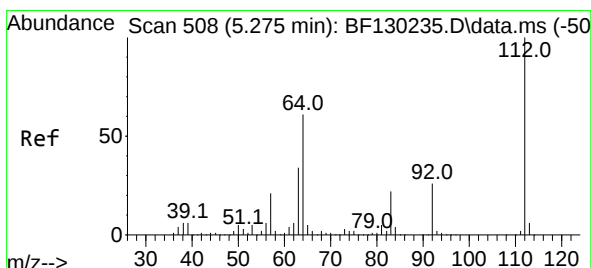
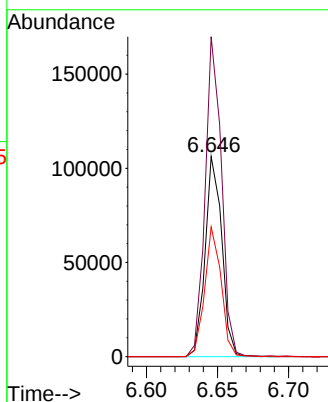
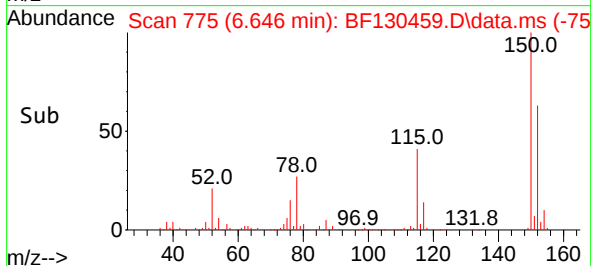
Instrument :
BNA_F
ClientSampleId :
OK-03-092622



Tgt Ion:152 Resp: 86190
Ion Ratio Lower Upper
152 100
150 160.0 122.8 184.2
115 64.9 53.8 80.8

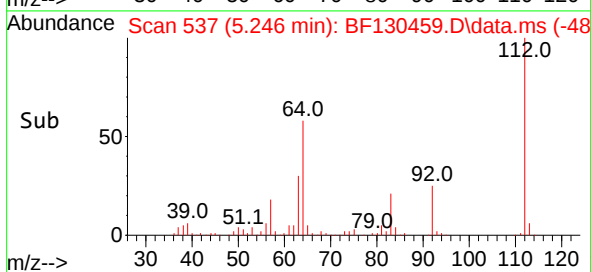
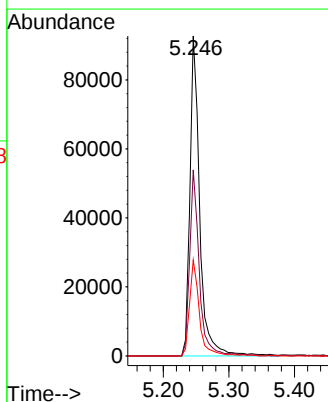
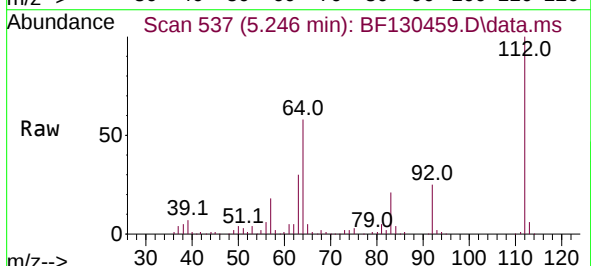
Manual Integrations
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#5
2-Fluorophenol
Concen: 19.438 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

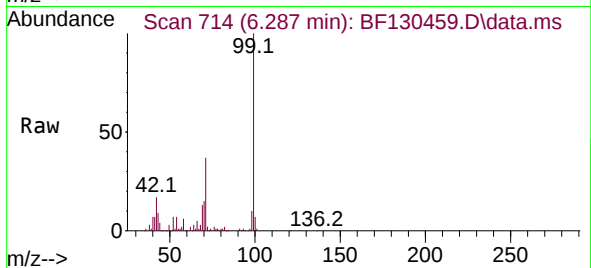
Tgt Ion:112 Resp: 96594
Ion Ratio Lower Upper
112 100
64 58.1 51.4 77.0
63 30.0 28.8 43.2





#7
Phenol-d6
Concen: 18.000 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

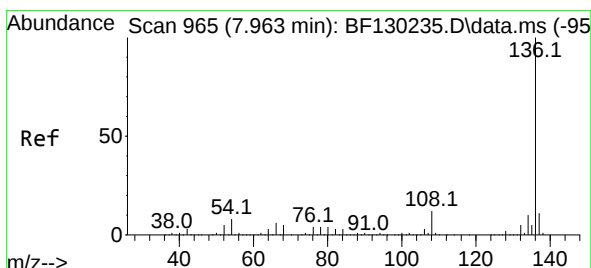
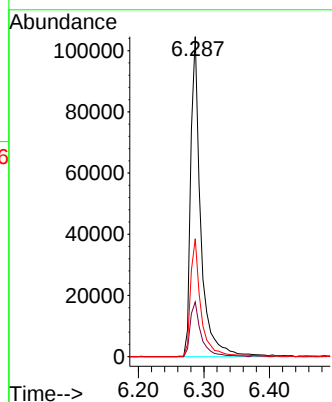
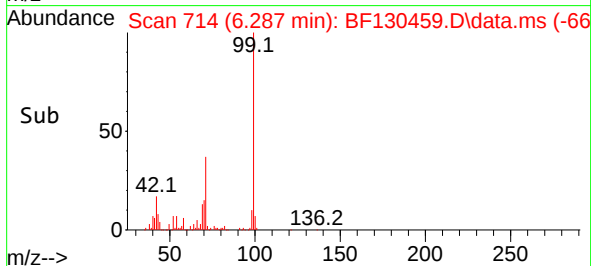
Instrument :
BNA_F
ClientSampleId :
OK-03-092622



Tgt Ion: 99 Resp: 111917
Ion Ratio Lower Upper
99 100
42 17.1 17.0 25.6
71 36.8 32.3 48.5

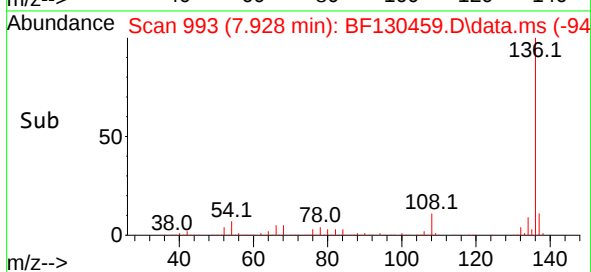
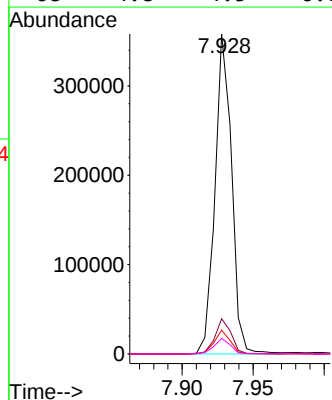
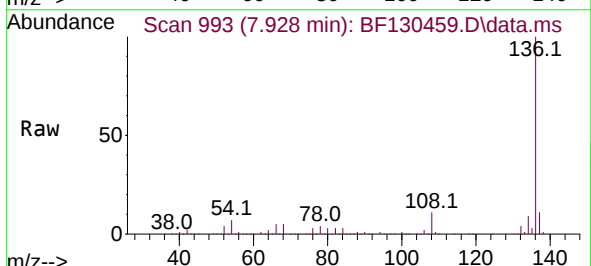
Manual Integrations
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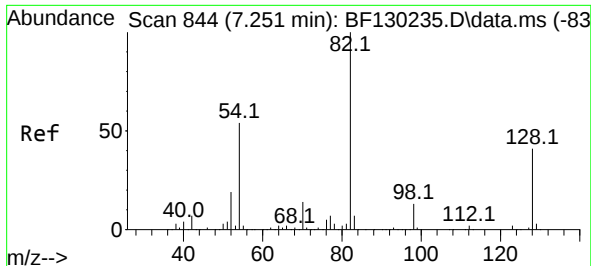
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion:136 Resp: 292251
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.4 7.1 10.7
68 4.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 10.649 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130459.D

Acq: 28 Sep 2022 21:33

Instrument :

BNA_F

ClientSampleId :

OK-03-092622

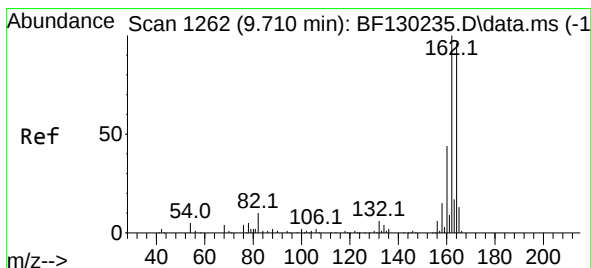
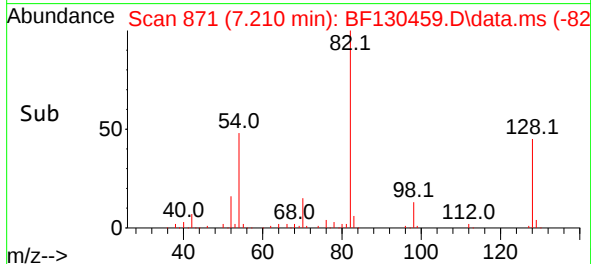
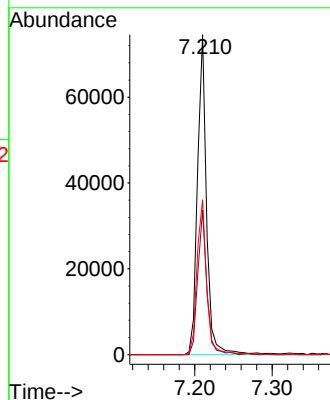
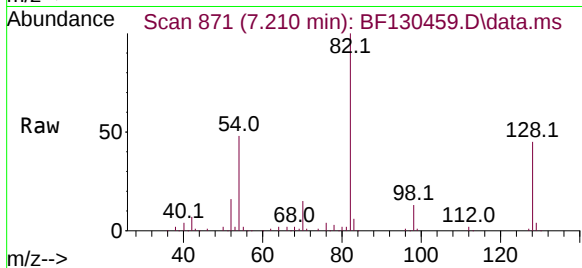
Tgt Ion: 82 Resp: 60919

Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	49.0
54	48.4	43.8	65.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.681 min Scan# 1291

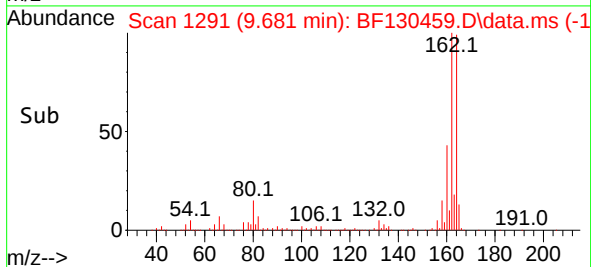
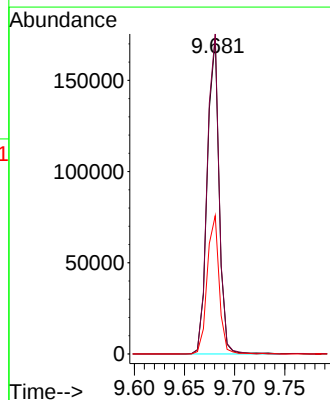
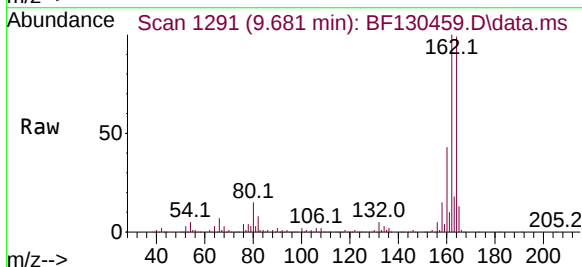
Delta R.T. 0.000 min

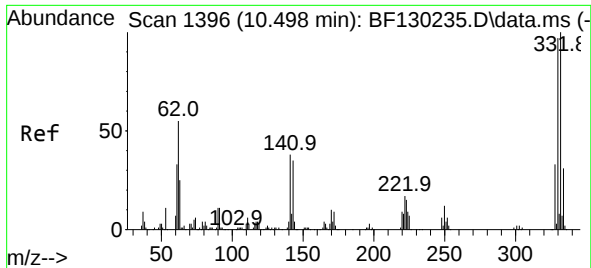
Lab File: BF130459.D

Acq: 28 Sep 2022 21:33

Tgt Ion:164 Resp: 141453

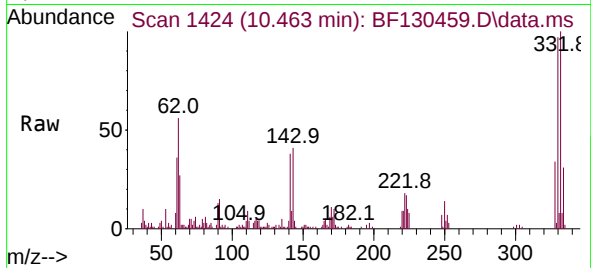
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	43.7	36.2	54.4





#42
2,4,6-Tribromophenol
Concen: 21.536 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

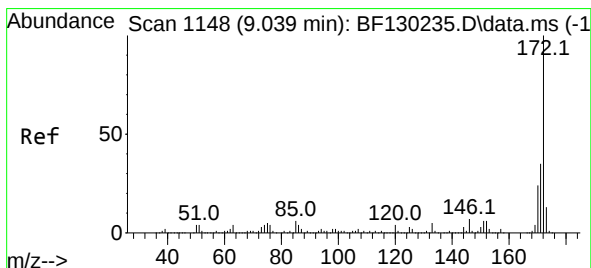
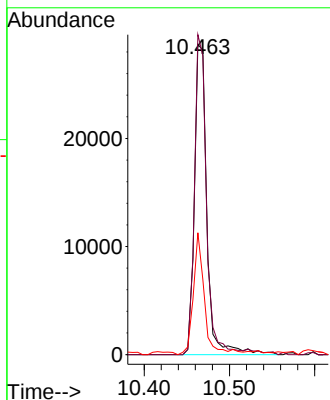
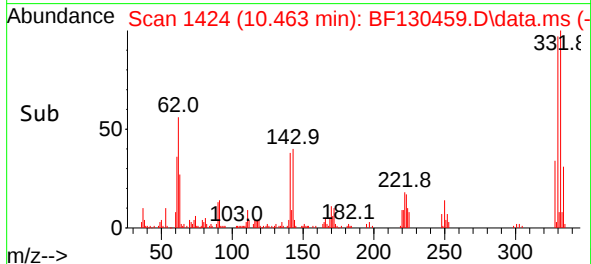
Instrument :
BNA_F
ClientSampleId :
OK-03-092622



Tgt Ion: 330 Resp: 29190
Ion Ratio Lower Upper
330 100
332 98.7 83.4 125.2
141 34.9 34.0 51.0

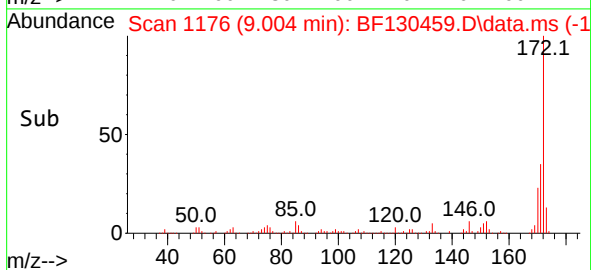
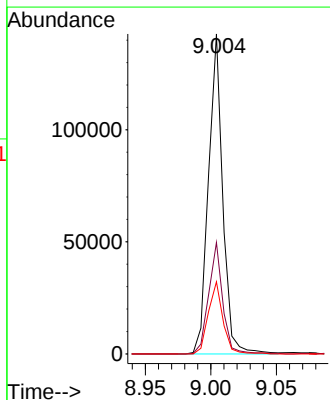
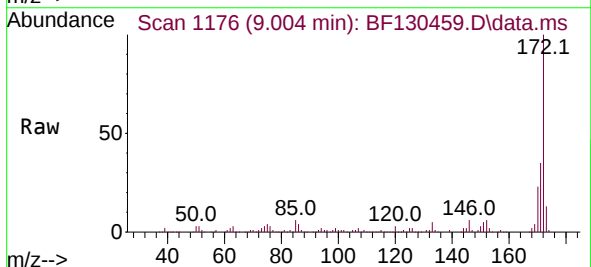
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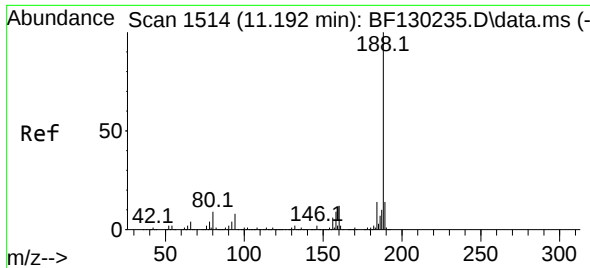
Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022



#45
2-Fluorobiphenyl
Concen: 11.154 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

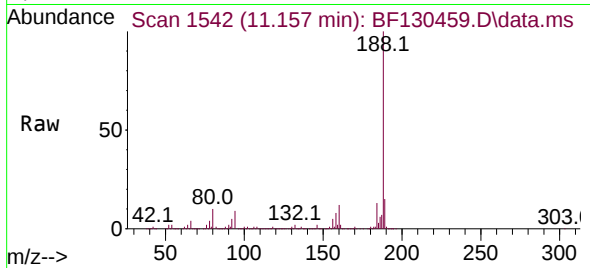
Tgt Ion: 172 Resp: 108345
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

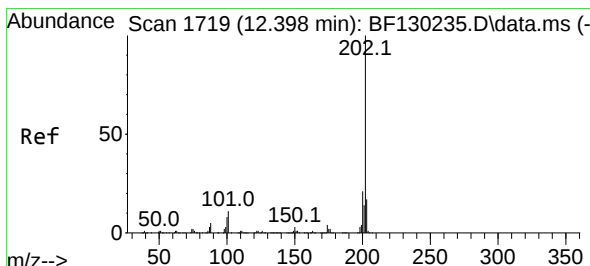
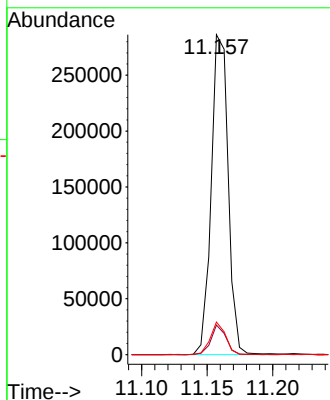
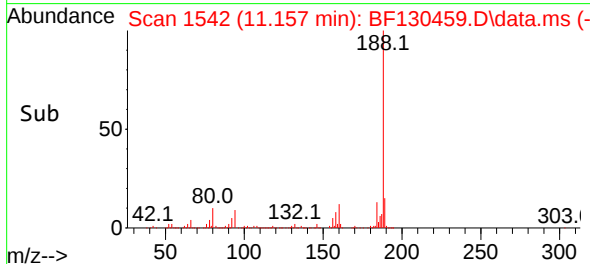
Instrument :
BNA_F
ClientSampleId :
OK-03-092622



Tgt Ion:188 Resp: 258349
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.2 7.9 11.9

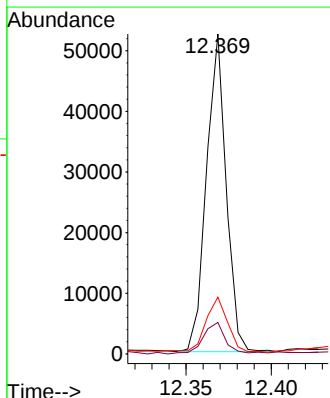
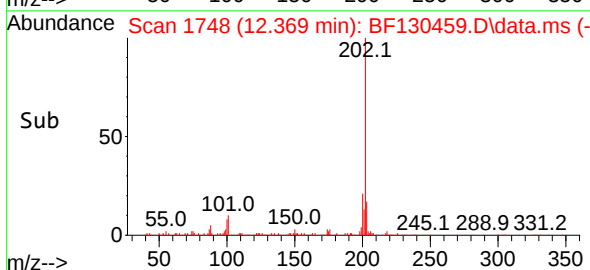
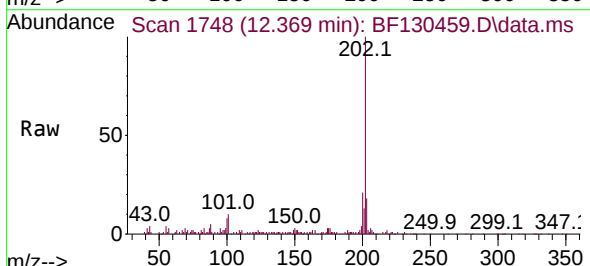
Manual Integrations
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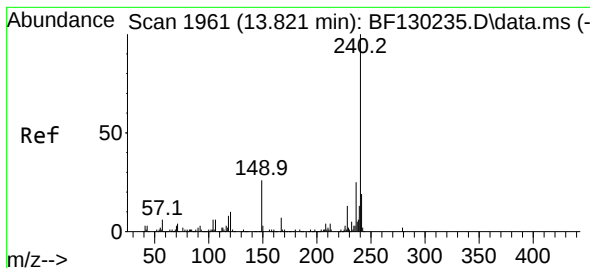
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#75
Fluoranthene
Concen: 3.014 ng
RT: 12.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

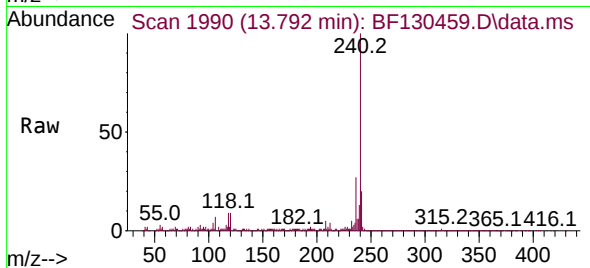
Tgt Ion:202 Resp: 42243
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.8
203 17.7 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

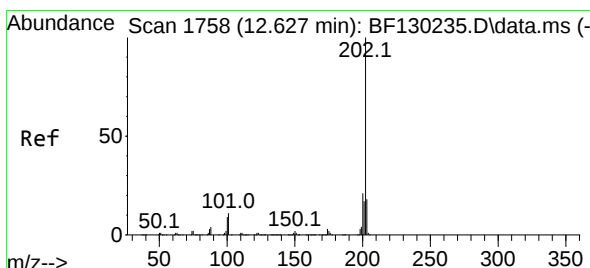
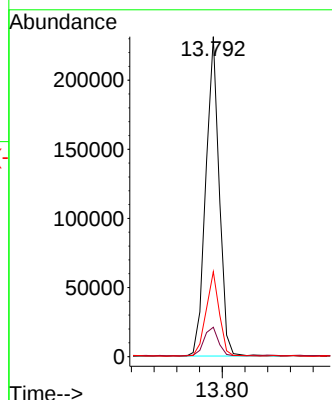
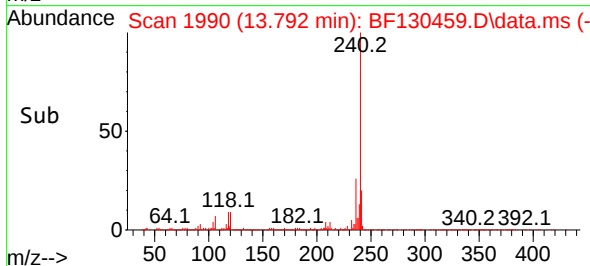
Instrument :
BNA_F
ClientSampleId :
OK-03-092622



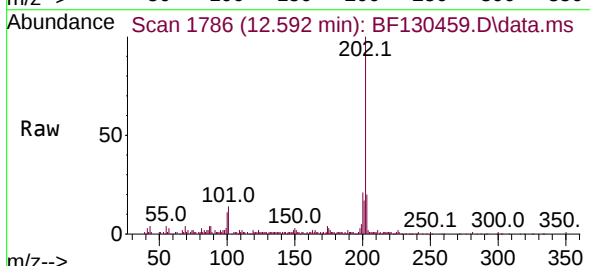
Tgt Ion:240 Resp: 189709
Ion Ratio Lower Upper
240 100
120 9.2 8.7 13.1
236 26.5 20.9 31.3

Manual Integrations
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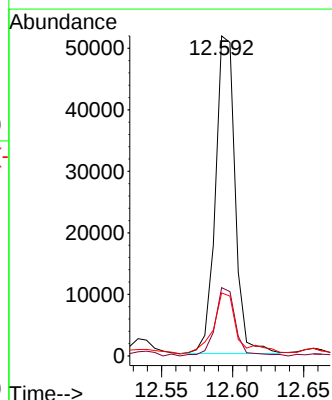
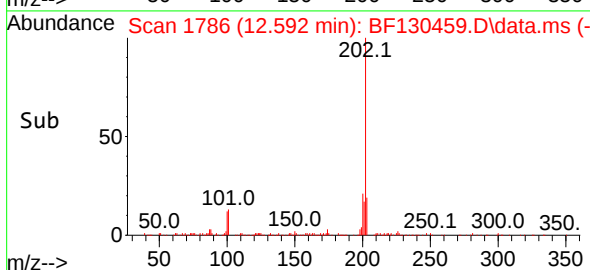
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

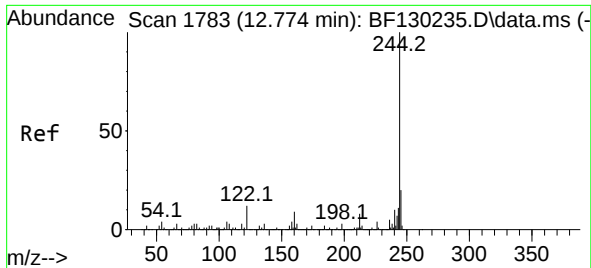


#78
Pyrene
Concen: 3.015 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33



Tgt Ion:202 Resp: 50043
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 19.7 14.3 21.5





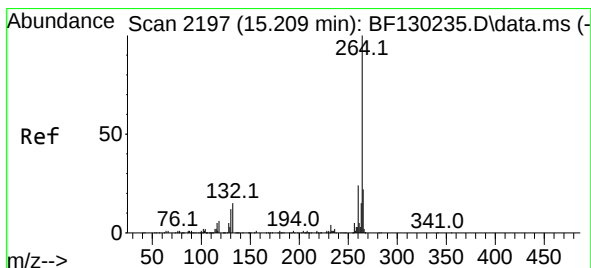
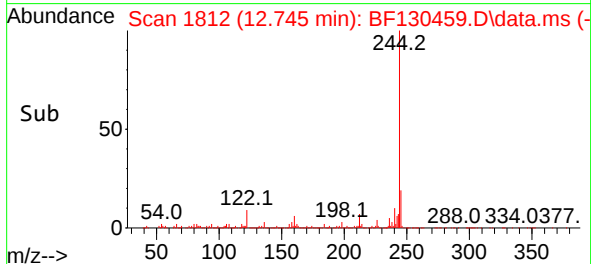
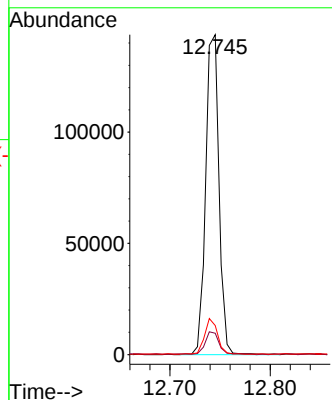
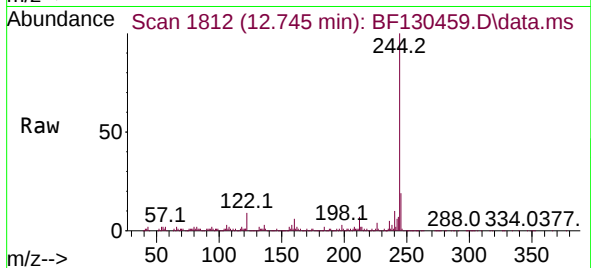
#79
Terphenyl-d14
Concen: 11.553 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Instrument :
BNA_F
ClientSampleId :
OK-03-092622

Tgt Ion:244 Resp: 132315
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.1 8.5 12.7

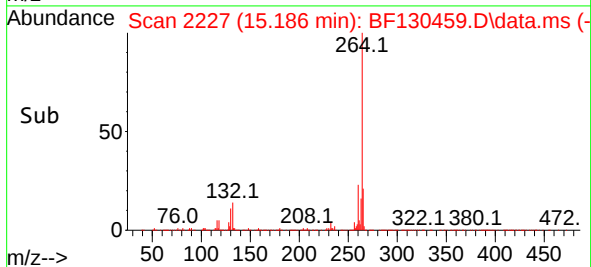
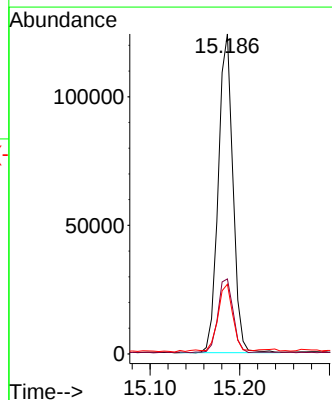
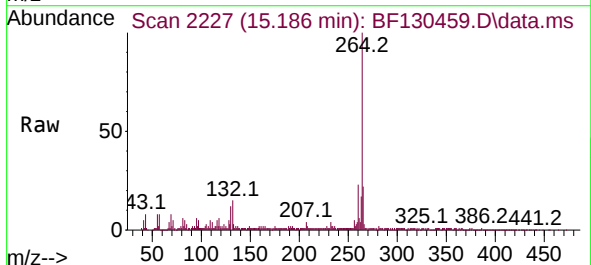
Manual Integrations
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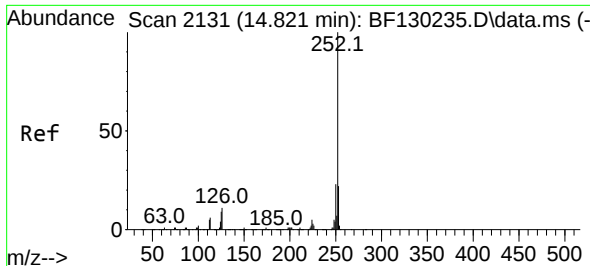
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.186 min Scan# 2227
Delta R.T. 0.012 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

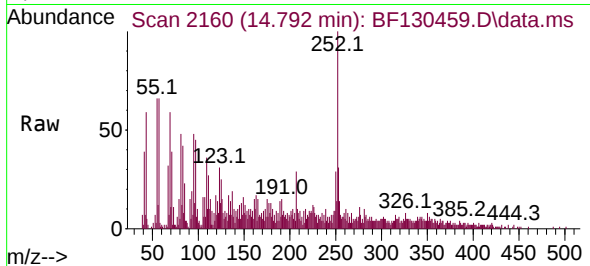
Tgt Ion:264 Resp: 141235
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.8 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 2.288 ng m
RT: 14.792 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

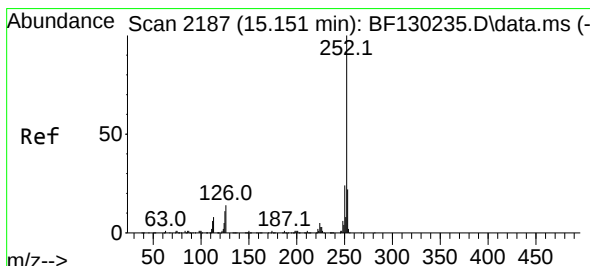
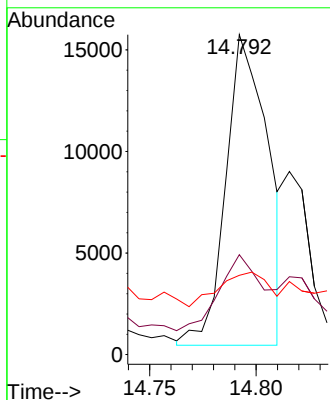
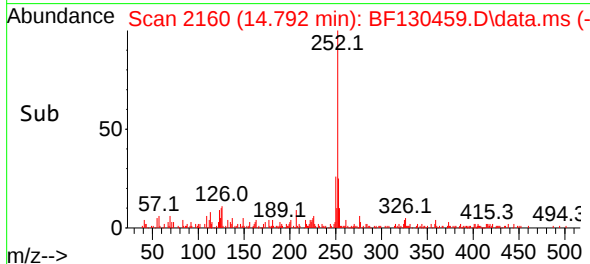
Instrument :
BNA_F
ClientSampleId :
OK-03-092622



Tgt Ion:252 Resp: 21092
Ion Ratio Lower Upper
252 100
253 31.2 17.7 26.5#
125 24.8 8.1 12.1#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#90
Benzo(a)pyrene
Concen: 2.029 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF130459.D
Acq: 28 Sep 2022 21:33

Tgt Ion:252 Resp: 14819
Ion Ratio Lower Upper
252 100
253 29.9 17.8 26.6#
125 26.5 9.0 13.6#

