

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
 Data File : BF130690.D
 Acq On : 17 Oct 2022 16:59
 Operator : CG\JU
 Sample : N5135-0
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-1-101322

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022

Quant Time: Oct 18 03:22:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	72410	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	259467	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	115767	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	183213	20.000	ng	0.00
76) Chrysene-d12	13.715	240	123069	20.000	ng	0.00
86) Perylene-d12	15.098	264	96438	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	385205	95.891	ng	0.01
7) Phenol-d6	6.228	99	449637	89.026	ng	0.00
23) Nitrobenzene-d5	7.145	82	280424	59.000	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	102610	90.583	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	497535	65.100	ng	0.00
79) Terphenyl-d14	12.668	244	475615	64.142	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.292	202	47609	4.880	ng	97
78) Pyrene	12.516	202	62021	5.842	ng	98
81) Benzo(a)anthracene	13.704	228	26339	3.176	ng	# 88
83) Chrysene	13.745	228	27432	3.489	ng	# 91
88) Benzo(b)fluoranthene	14.721	252	26839m	4.395	ng	
90) Benzo(a)pyrene	15.045	252	17393	3.422	ng	# 69
92) Benzo(g,h,i)perylene	16.792	276	12486	2.266	ng	# 85

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

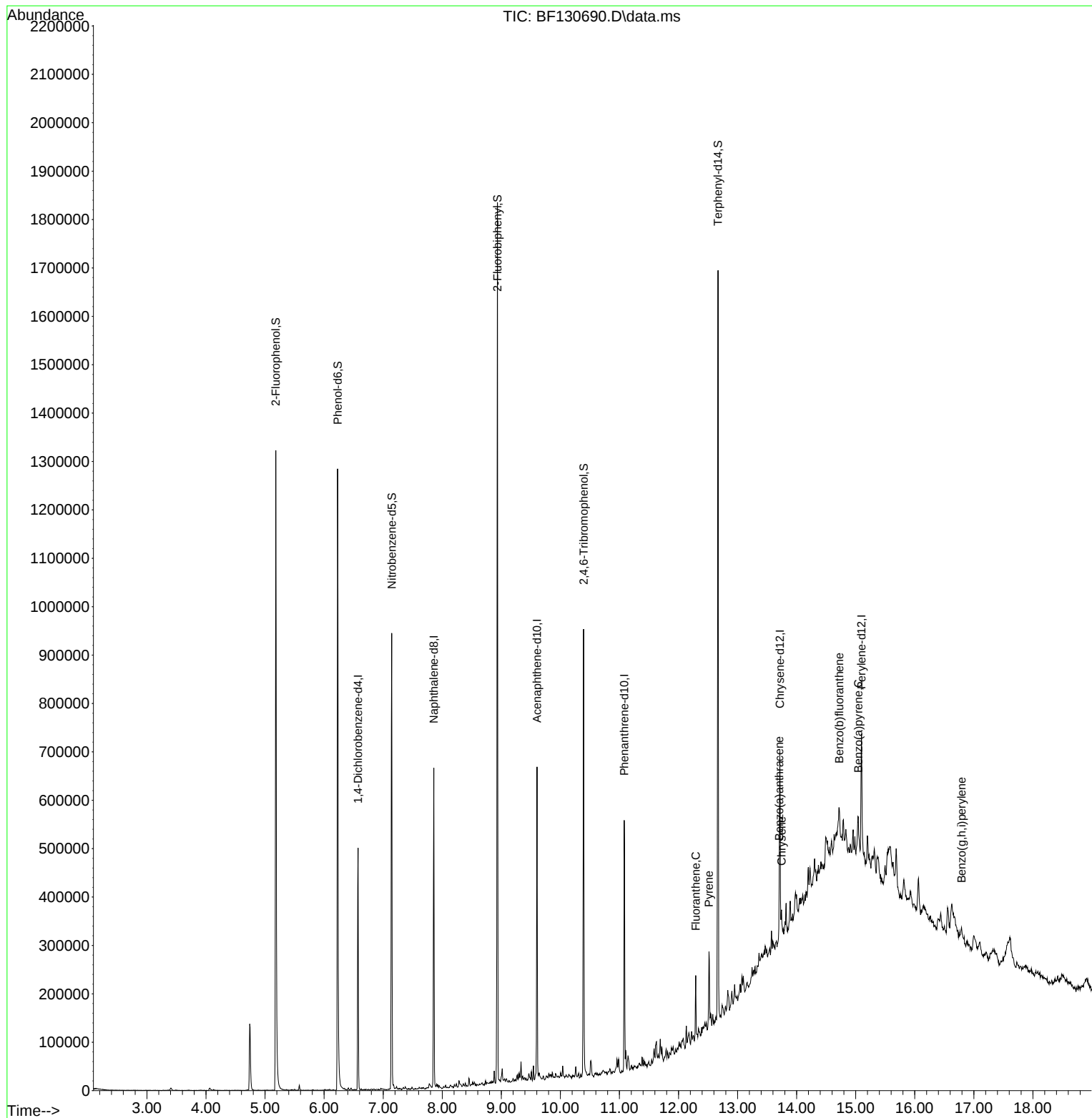
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130690.D
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Sample : N5135-0
Misc :
ALS Vial : 11 Sample Multiplier: 1

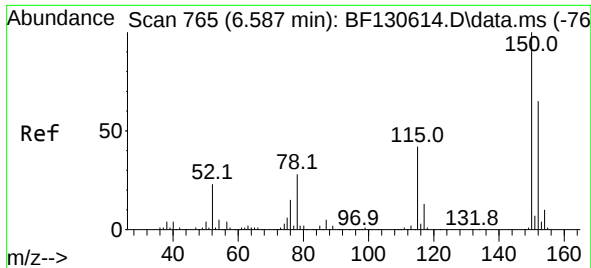
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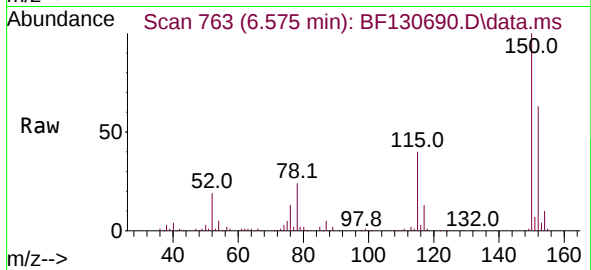
Quant Time: Oct 18 03:22:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

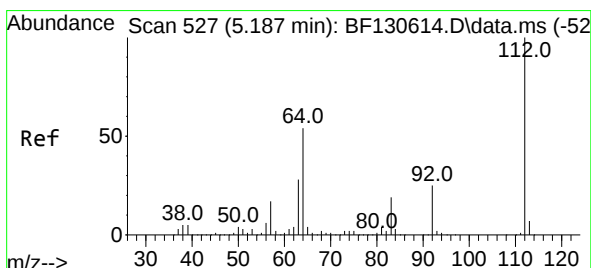
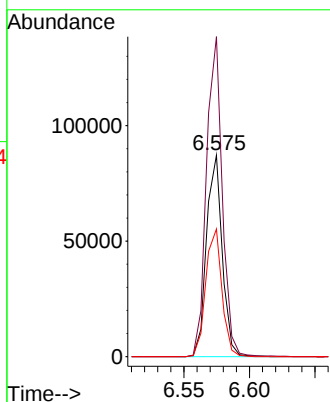
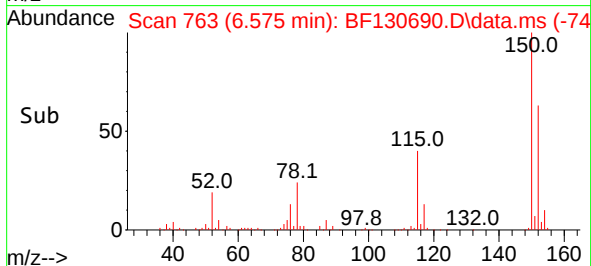
Instrument :
BNA_F
ClientSampleId :
OK-1-101322



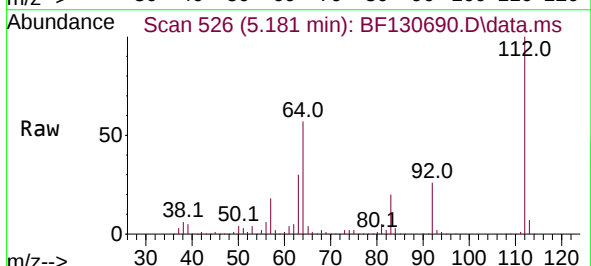
Tgt Ion:152 Resp: 72410
Ion Ratio Lower Upper
152 100
150 158.9 123.8 185.6
115 63.3 52.2 78.4

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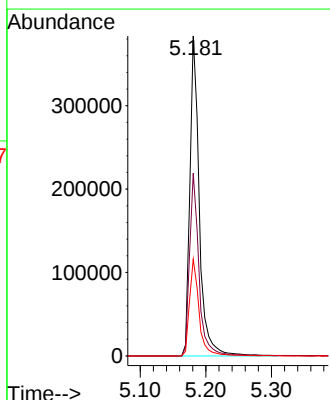
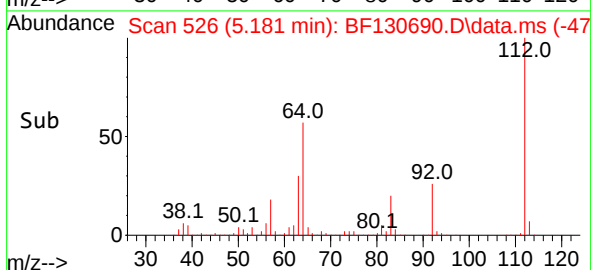
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

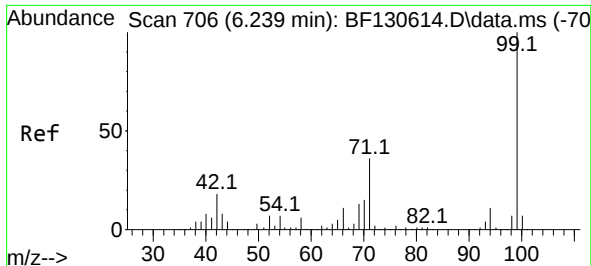


#5
2-Fluorophenol
Concen: 95.891 ng
RT: 5.181 min Scan# 526
Delta R.T. 0.012 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59



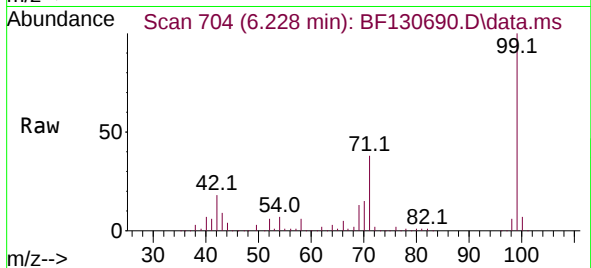
Tgt Ion:112 Resp: 385205
Ion Ratio Lower Upper
112 100
64 57.1 43.5 65.3
63 30.3 22.6 34.0





#7
Phenol-d6
Concen: 89.026 ng
RT: 6.228 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

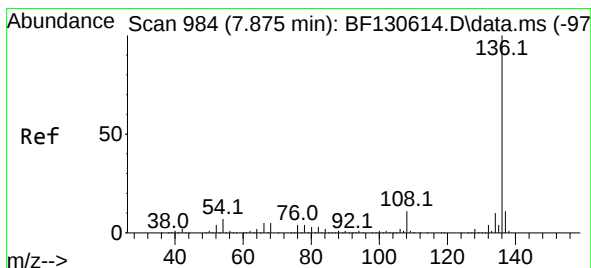
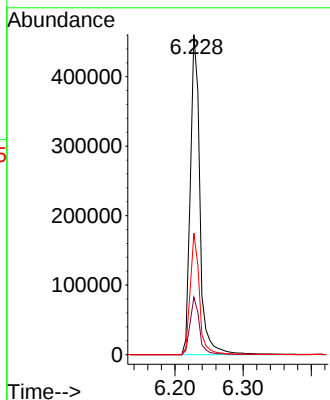
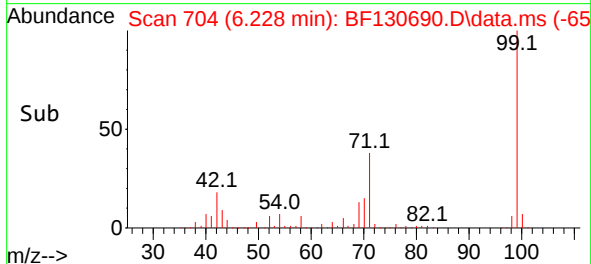
Instrument :
BNA_F
Client SampleId :
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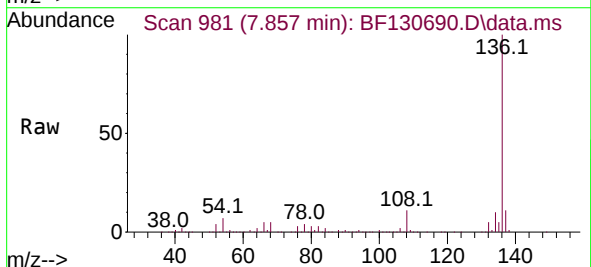
Tgt Ion: 99 Resp: 449637
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.9 28.8 43.2

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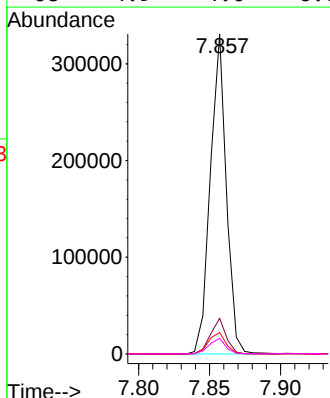
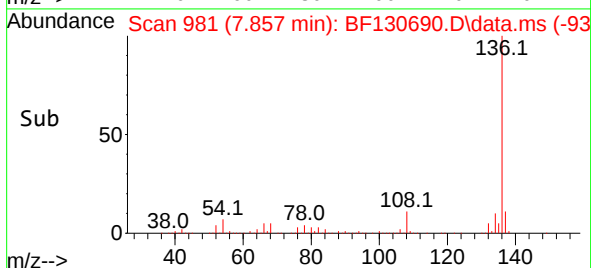
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

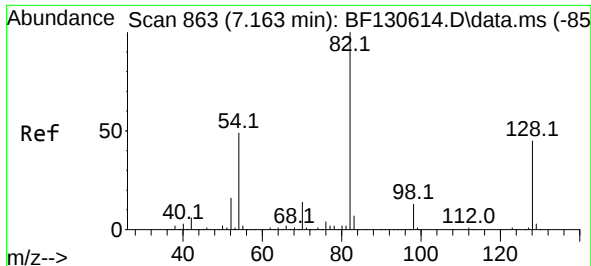


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59



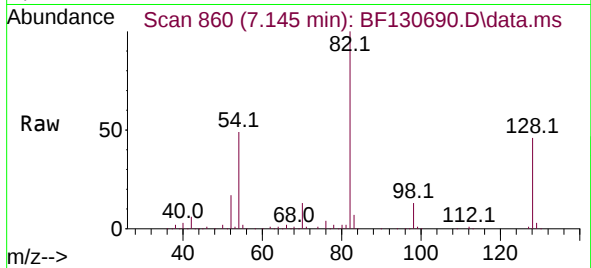
Tgt Ion:136 Resp: 259467
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.7 5.5 8.3
68 4.9 4.0 6.0





#23
Nitrobenzene-d5
Concen: 59.000 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

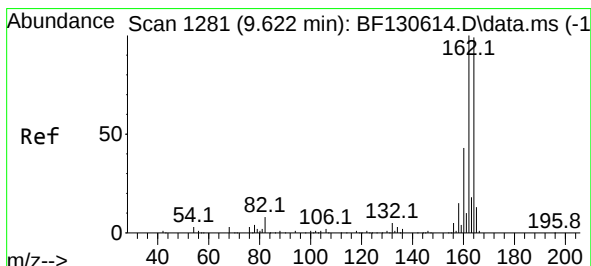
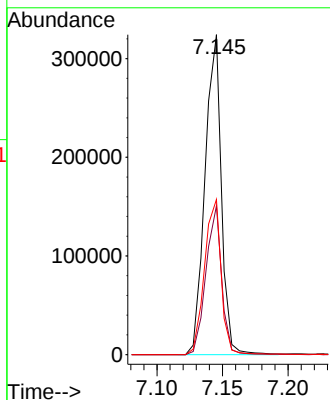
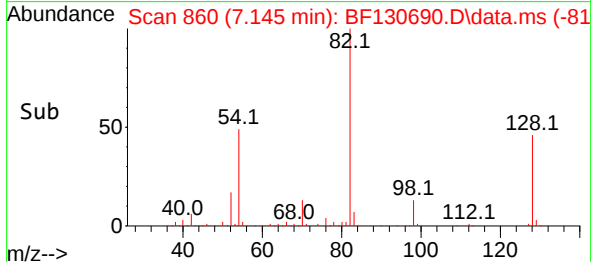
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 280424
Ion Ratio Lower Upper
82 100
128 46.5 35.8 53.6
54 48.5 39.3 58.9

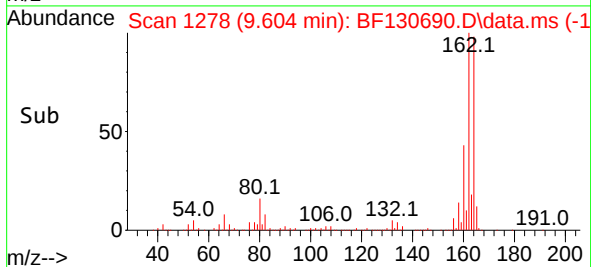
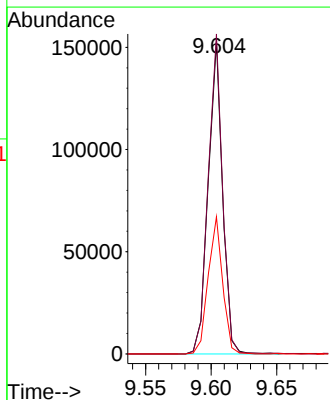
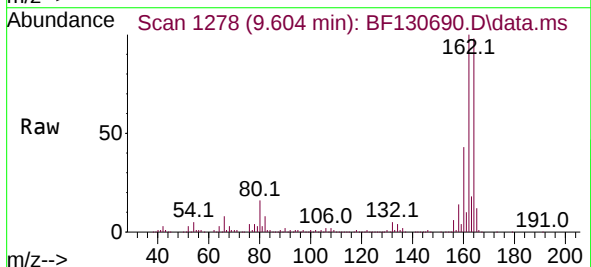
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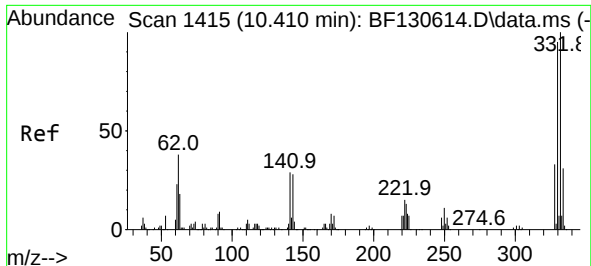
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion:164 Resp: 115767
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 43.9 34.5 51.7





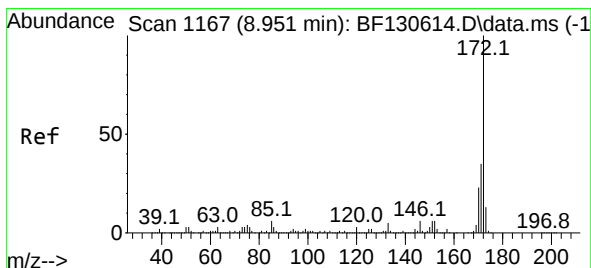
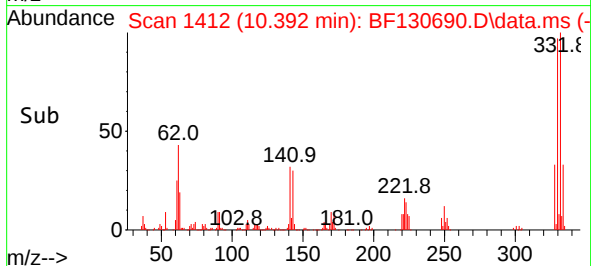
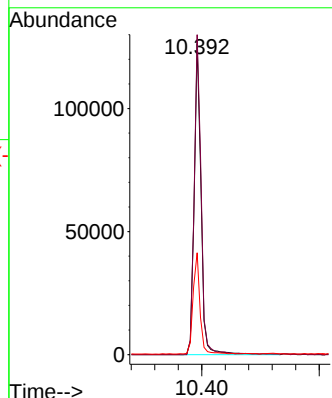
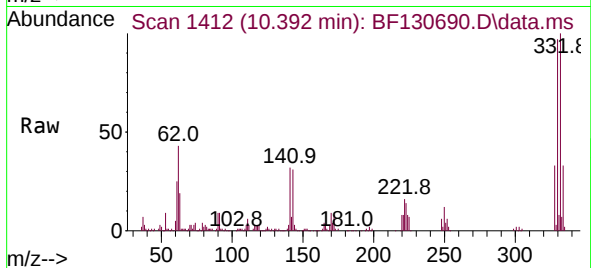
#42
2,4,6-Tribromophenol
Concen: 90.583 ng
RT: 10.392 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Instrument :
BNA_F
ClientSampleId :
OK-1-101322

Tgt Ion: 330 Resp: 102610
Ion Ratio Lower Upper
330 100
332 102.6 84.2 126.4
141 32.7 26.8 40.2

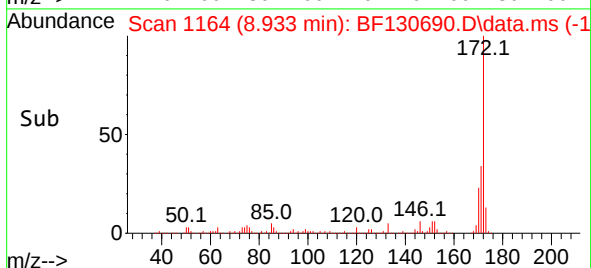
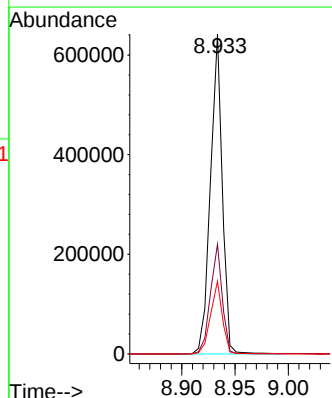
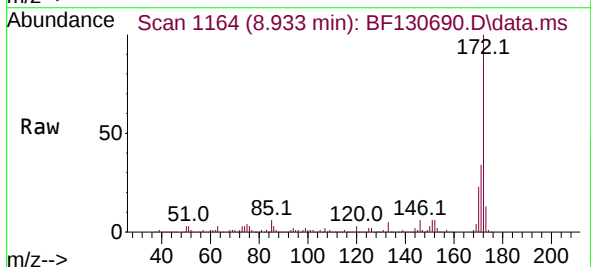
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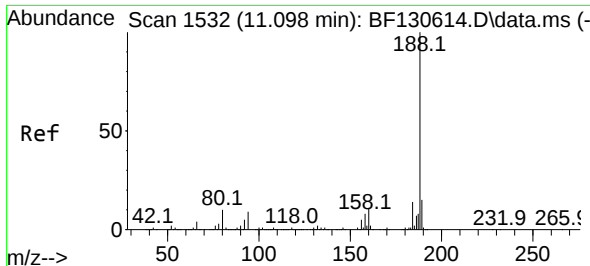
Reviewed By : Christian Giraldo 10/18/2022
Supervised By : Jagrut Upadhyay 10/18/2022



#45
2-Fluorobiphenyl
Concen: 65.100 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion: 172 Resp: 497535
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 22.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Instrument :

BNA_F

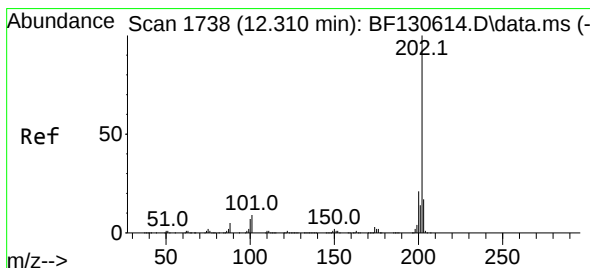
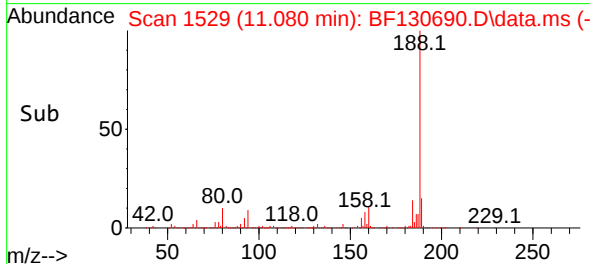
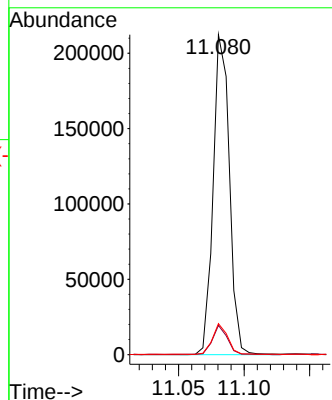
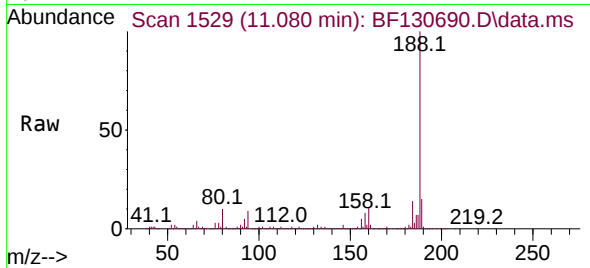
ClientSampleId :

OK-1-101322

Tgt Ion:188 Resp: 183213
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.7 8.0 12.0

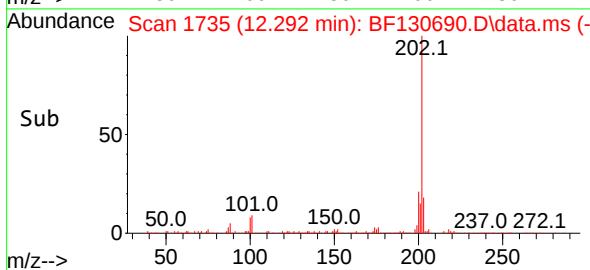
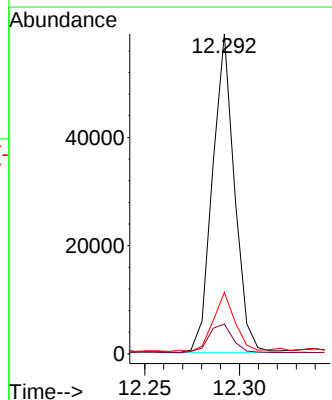
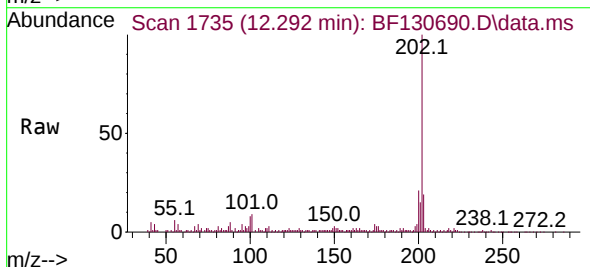
Manual Integrations
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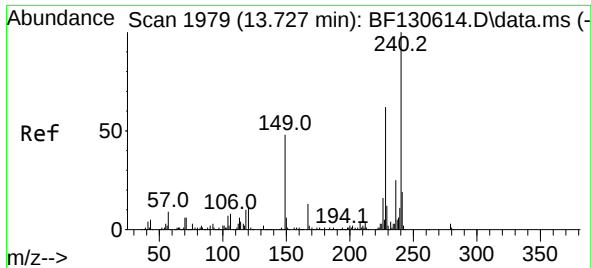
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#75
Fluoranthene
Concen: 4.880 ng
RT: 12.292 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion:202 Resp: 47609
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.1
203 19.2 0.0 37.3





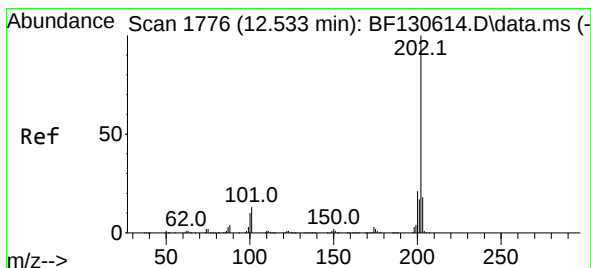
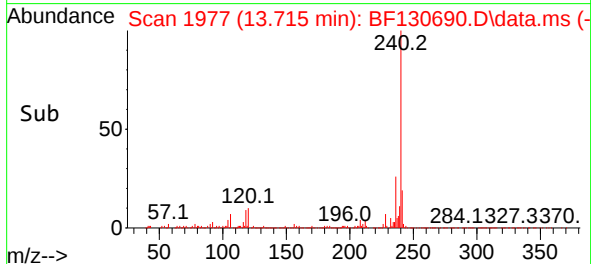
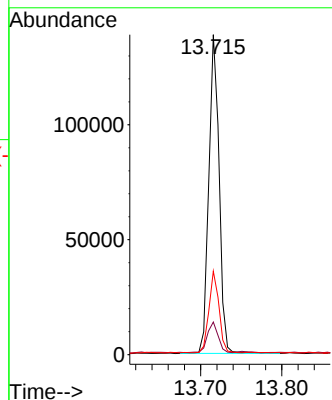
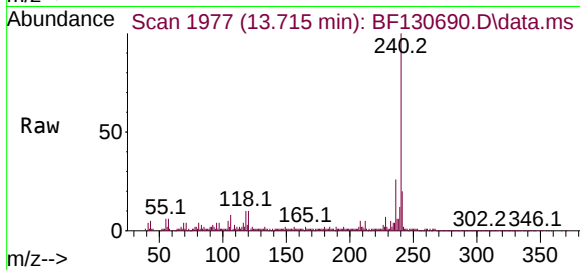
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Instrument :
BNA_F
ClientSampleId :
OK-1-101322

Tgt Ion:240 Resp: 123069
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 26.1 20.2 30.4

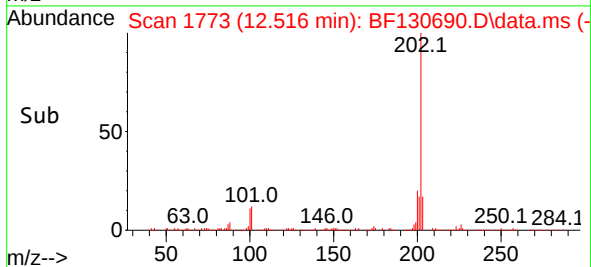
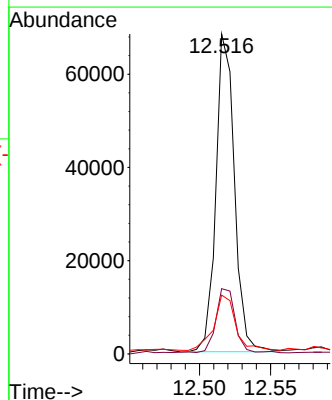
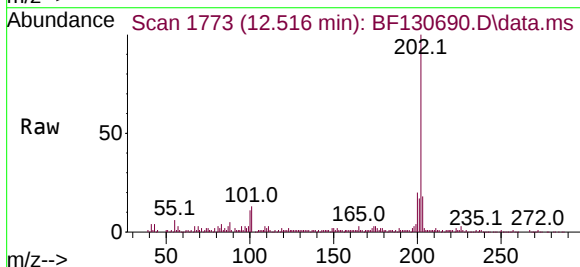
Manual Integrations
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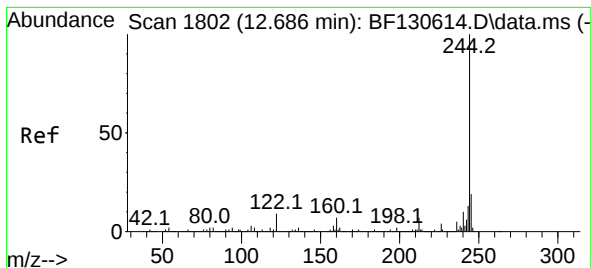
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#78
Pyrene
Concen: 5.842 ng
RT: 12.516 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Tgt Ion:202 Resp: 62021
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 18.4 14.0 21.0





#79

Terphenyl-d14

Concen: 64.142 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

Instrument :

BNA_F

ClientSampleId :

OK-1-101322

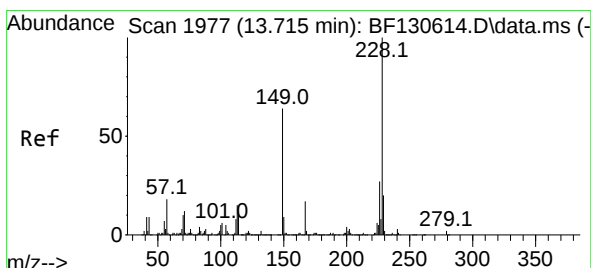
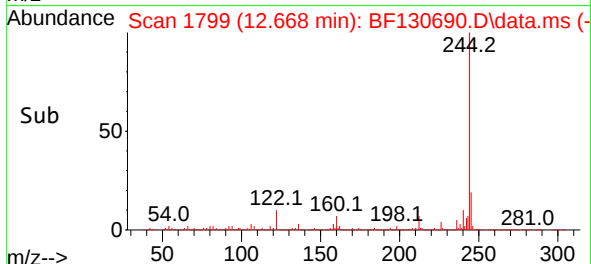
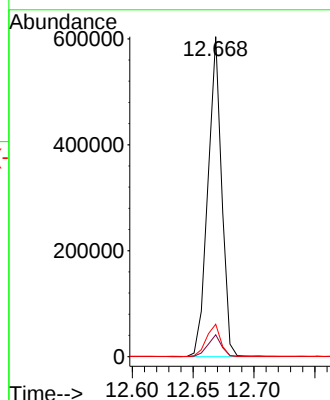
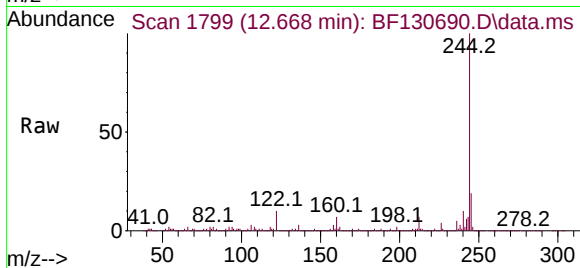
Tgt Ion:244 Resp: 475615
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.1 7.5 11.3

Manual Integrations

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#81

Benzo(a)anthracene

Concen: 3.176 ng

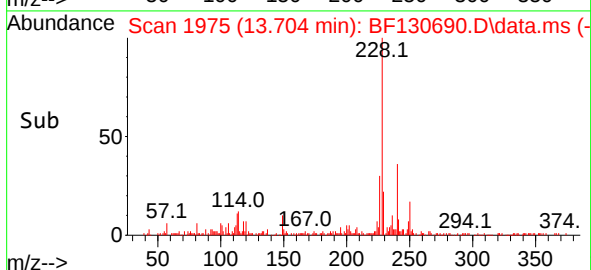
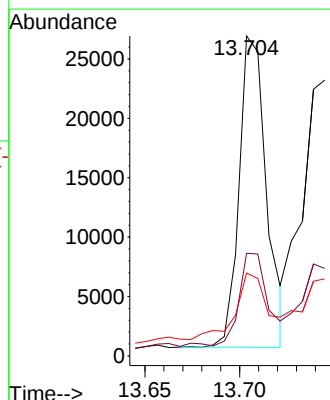
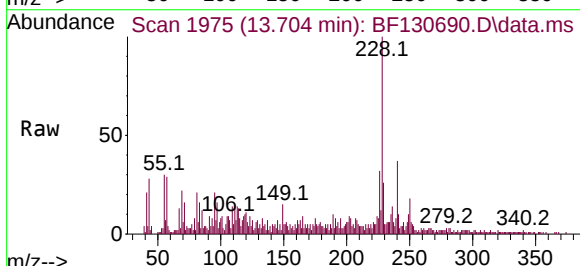
RT: 13.704 min Scan# 1975

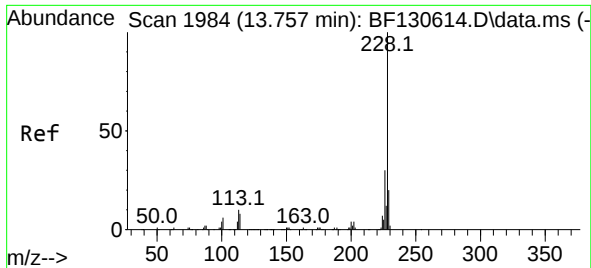
Delta R.T. -0.006 min

Lab File: BF130690.D

Acq: 17 Oct 2022 16:59

Tgt Ion:228 Resp: 26339
 Ion Ratio Lower Upper
 228 100
 226 32.1 21.4 32.2
 229 25.9 15.8 23.8#





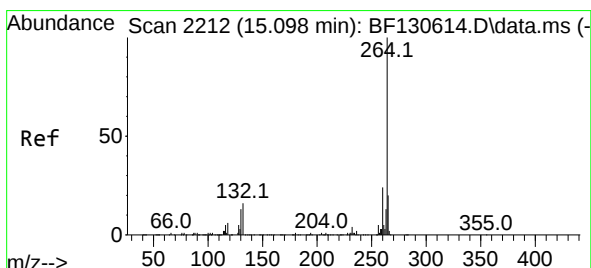
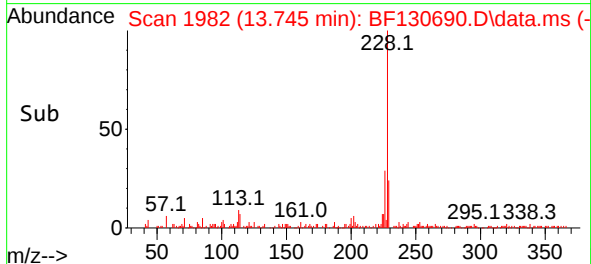
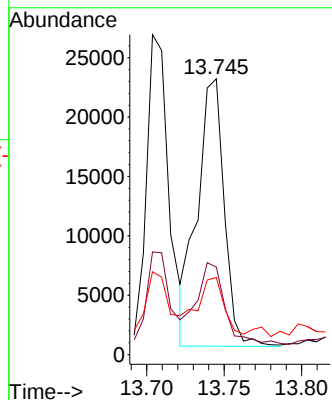
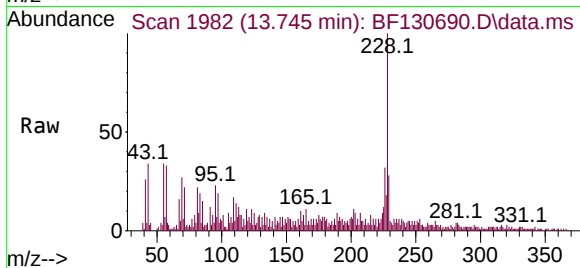
#83
Chrysene
Concen: 3.489 ng
RT: 13.745 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

Instrument :
BNA_F
ClientSampleId :
OK-1-101322

Tgt Ion:228 Resp: 27432
Ion Ratio Lower Upper
228 100
226 31.7 23.9 35.9
229 27.9 15.9 23.9

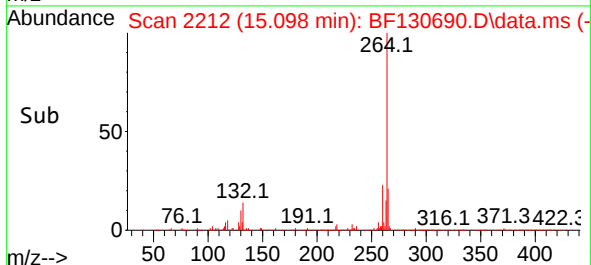
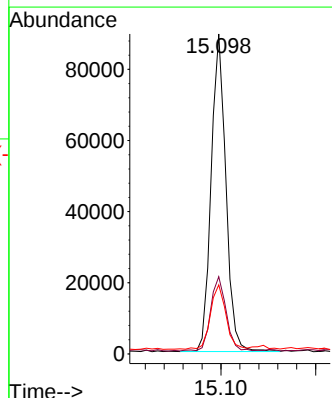
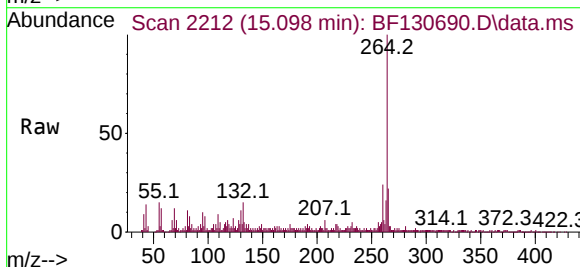
Manual Integrations
APPROVED

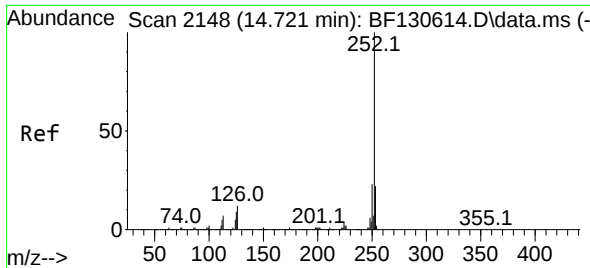
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2212
Delta R.T. 0.012 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

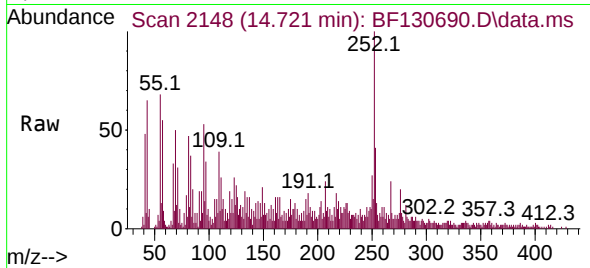
Tgt Ion:264 Resp: 96438
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.6 16.4 24.6





#88
Benzo(b)fluoranthene
Concen: 4.395 ng m
RT: 14.721 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

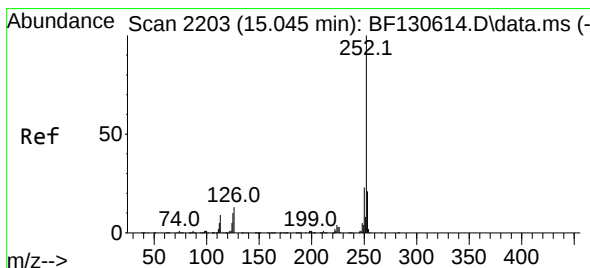
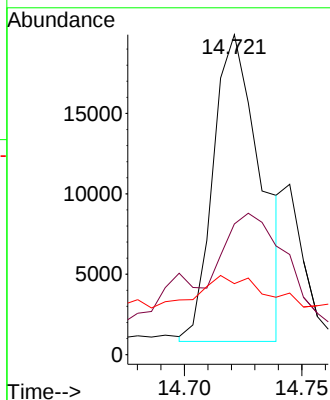
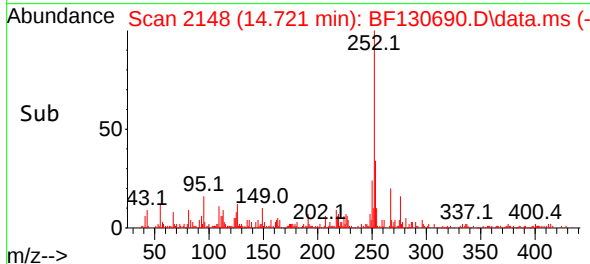
Instrument :
BNA_F
ClientSampleId :
OK-1-101322



Tgt Ion:252 Resp: 26839
Ion Ratio Lower Upper
252 100
253 40.9 17.4 26.2#
125 22.2 7.4 11.0#

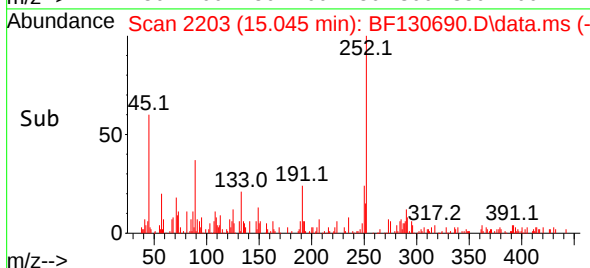
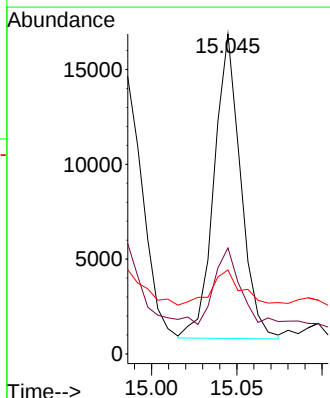
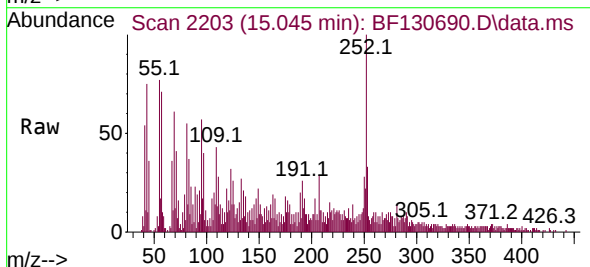
Manual Integrations
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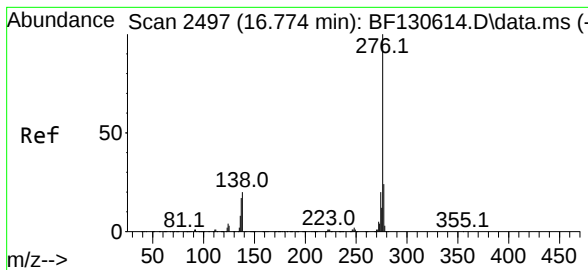
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#90
Benzo(a)pyrene
Concen: 3.422 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BF130690.D
Acq: 17 Oct 2022 16:59

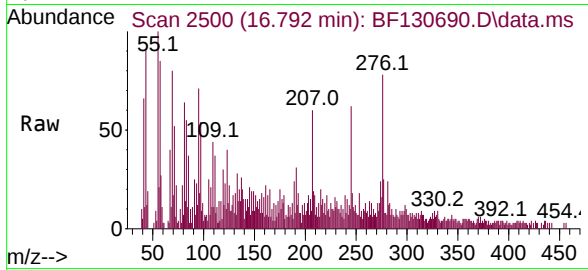
Tgt Ion:252 Resp: 17393
Ion Ratio Lower Upper
252 100
253 33.1 17.0 25.6#
125 26.2 8.4 12.6#





#92
 Benzo(g,h,i)perylene
 Concen: 2.266 ng
 RT: 16.792 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF130690.D
 Acq: 17 Oct 2022 16:59

Instrument :
 BNA_F
 ClientSampleId :
 OK-1-101322



Tgt Ion:	276	Resp:	12486
Ion Ratio	Lower	Upper	
276	100		
277	32.4	18.9	28.3
138	25.6	15.9	23.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022

