

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130707.D
 Acq On : 18 Oct 2022 19:56
 Operator : CG\JU
 Sample : N5162-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-4-101422

Quant Time: Oct 19 02:41:53 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : Jagrut Upadhyay 10/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	66170	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	223963	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	112876	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	200653	20.000	ng	0.00
76) Chrysene-d12	13.733	240	142785	20.000	ng	0.01
86) Perylene-d12	15.110	264	111275	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	341875	93.131	ng	0.01
7) Phenol-d6	6.234	99	387277	83.910	ng	0.00
23) Nitrobenzene-d5	7.145	82	228152	55.612	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	111661	101.098	ng	0.00
45) 2-Fluorobiphenyl	8.934	172	413448	55.483	ng	0.00
79) Terphenyl-d14	12.698	244	517439	60.147	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	11.110	178	22723	2.044	ng	# 94
75) Fluoranthene	12.310	202	65870m	6.165	ng	
78) Pyrene	12.545	202	86460m	7.019	ng	
80) Butylbenzylphthalate	13.163	149	17958	3.791	ng	# 50
81) Benzo(a)anthracene	13.721	228	61563m	6.399	ng	
83) Chrysene	13.757	228	67407m	7.389	ng	
84) Bis(2-ethylhexyl)phtha...	13.716	149	25920	4.514	ng	# 97
85) Di-n-octyl phthalate	14.321	149	41854	4.759	ng	# 79
88) Benzo(b)fluoranthene	14.727	252	56814	8.063	ng	# 88
89) Benzo(k)fluoranthene	14.751	252	34646m	4.829	ng	
90) Benzo(a)pyrene	15.051	252	38843	6.624	ng	# 87
92) Benzo(g,h,i)perylene	16.798	276	15957	2.510	ng	# 79

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

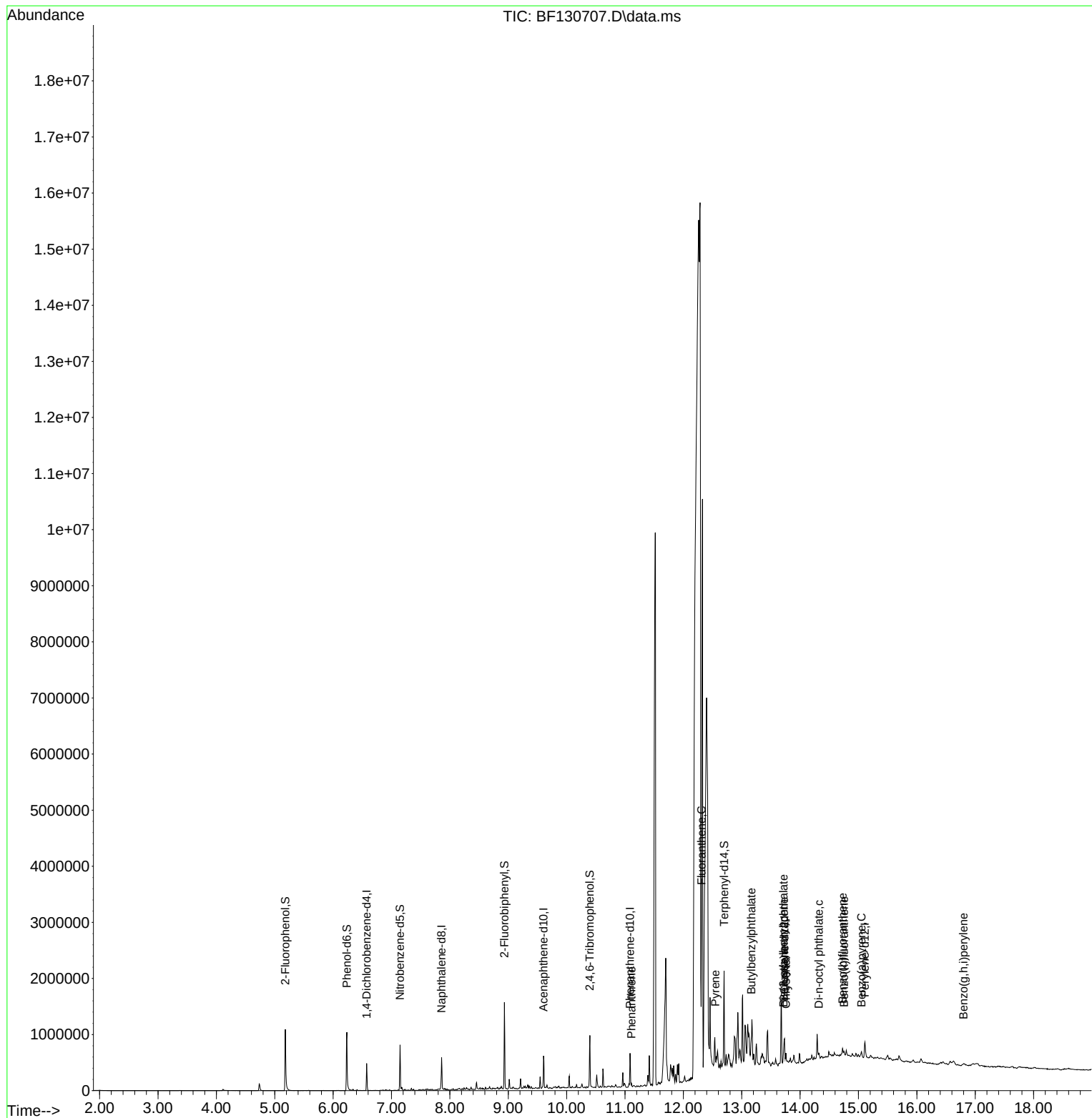
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
Data File : BF130707.D
Acq On : 18 Oct 2022 19:56
Operator : CG\JU
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ALS Vial : 15 Sample Multiplier: 1

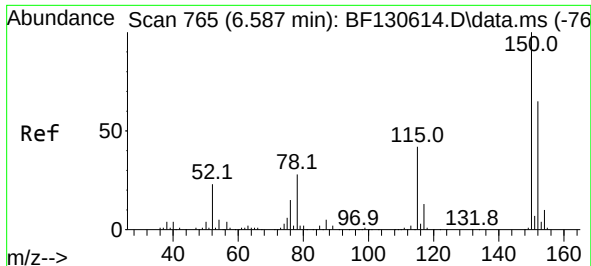
Instrument :
BNA_F
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TR-4-101422

Quant Time: Oct 19 02:41:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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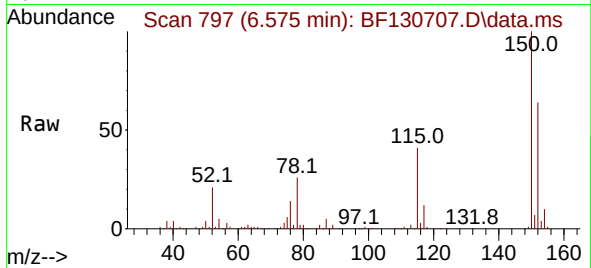
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

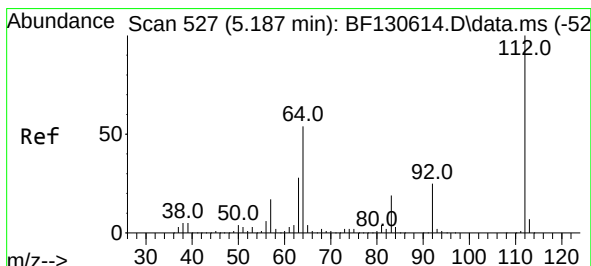
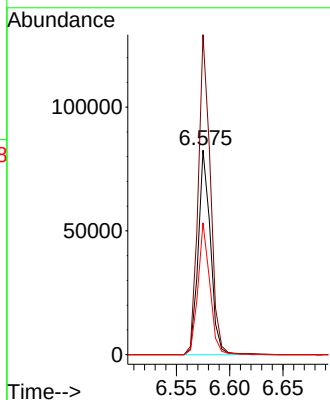
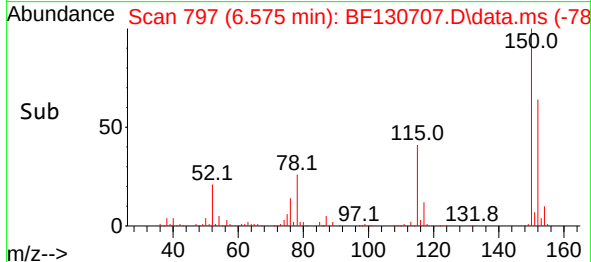
Instrument :
BNA_F
ClientSampleId :
TR-4-101422



Tgt Ion:152 Resp: 66170
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 64.5 52.2 78.4

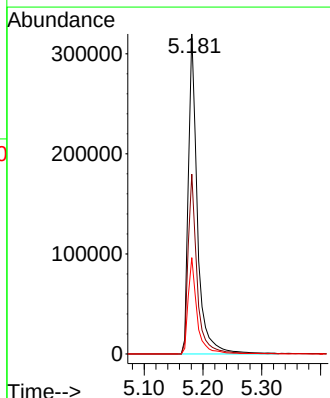
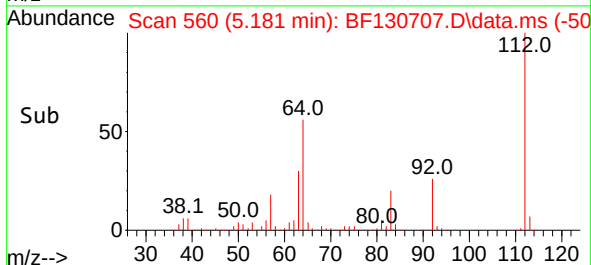
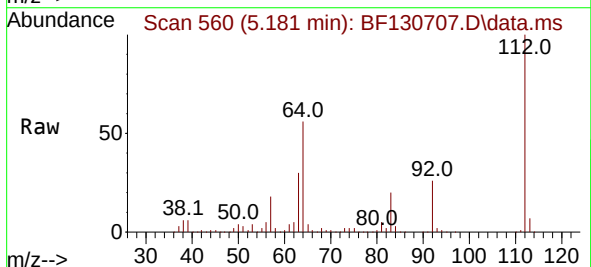
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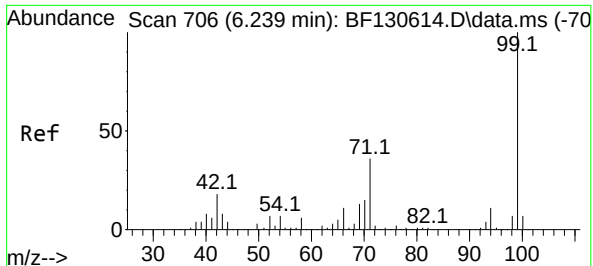
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#5
2-Fluorophenol
Concen: 93.131 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

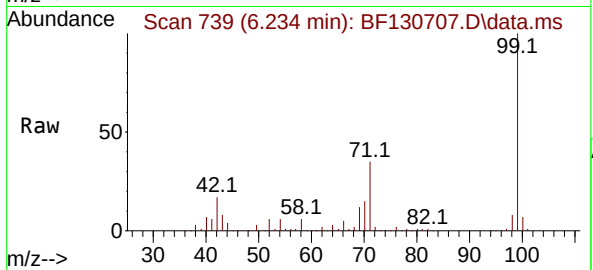
Tgt Ion:112 Resp: 341875
Ion Ratio Lower Upper
112 100
64 56.2 43.5 65.3
63 30.1 22.6 34.0





#7
Phenol-d6
Concen: 83.910 ng
RT: 6.234 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

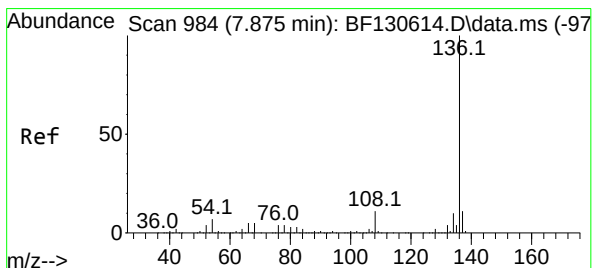
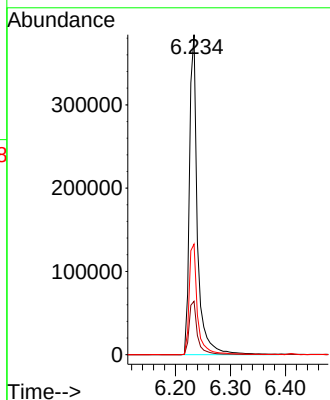
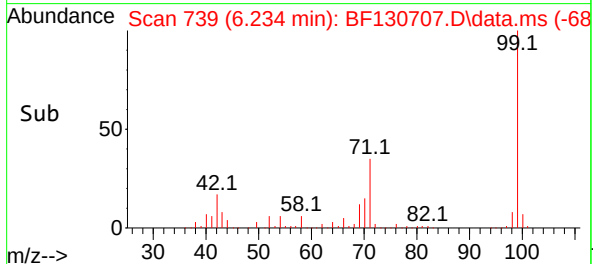
Instrument :
BNA_F
ClientSampleId :
TR-4-101422



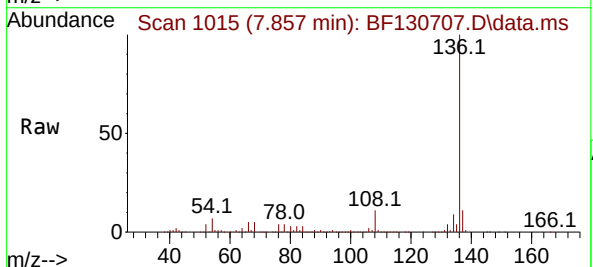
Tgt Ion: 99 Resp: 38727
Ion Ratio Lower Upper
99 100
42 16.7 14.0 21.0
71 34.6 28.8 43.2

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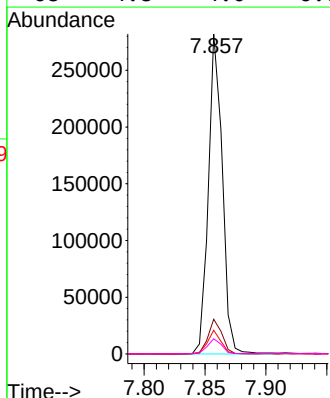
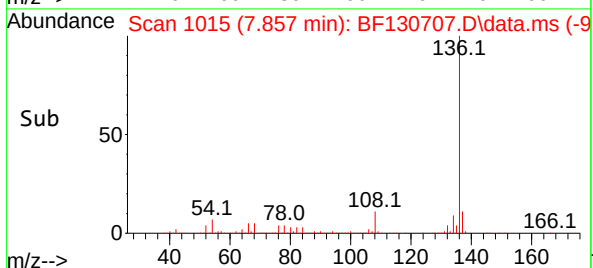
Reviewed By :Christian Giraldo 10/19/2022
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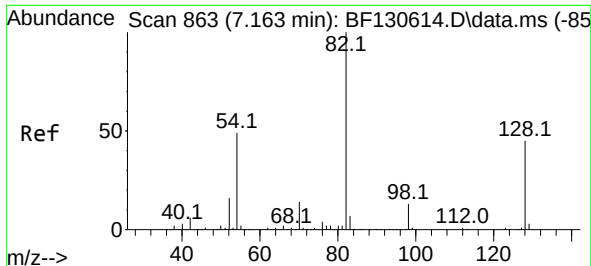


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56



Tgt Ion:136 Resp: 223963
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.4 5.5 8.3
68 4.8 4.0 6.0





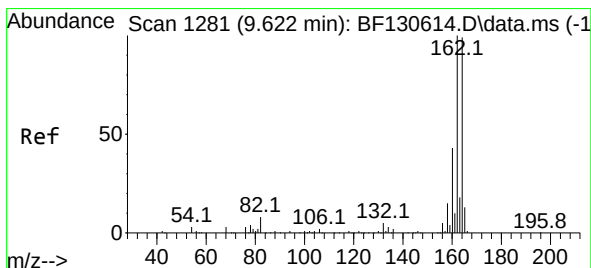
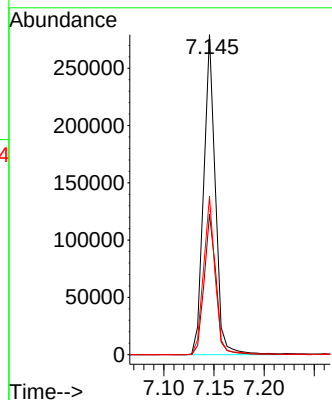
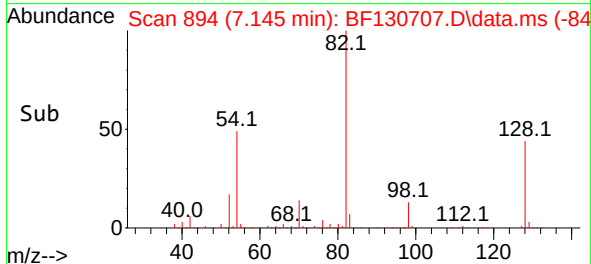
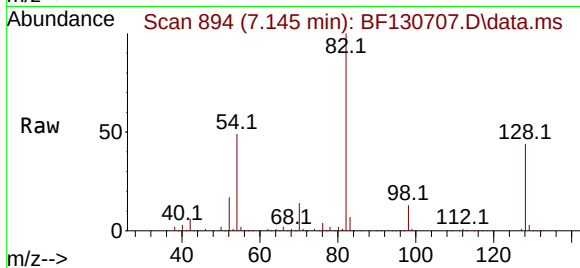
#23
Nitrobenzene-d5
Concen: 55.612 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
TR-4-101422

Tgt Ion: 82 Resp: 228152
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.6
54 49.5 39.3 58.9

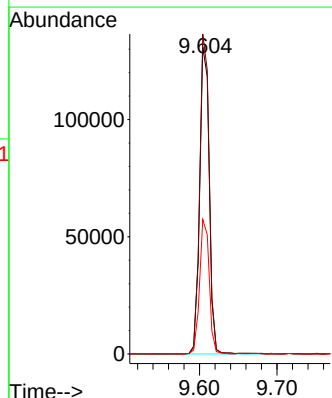
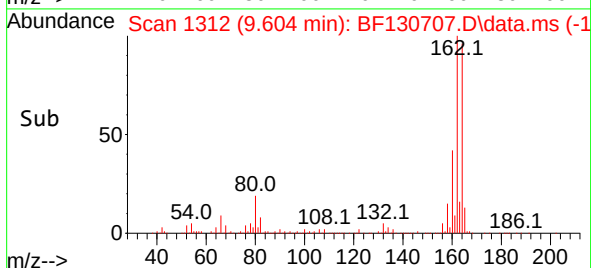
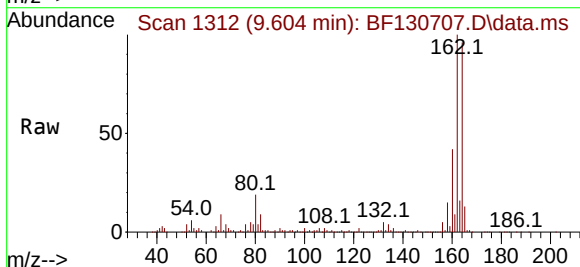
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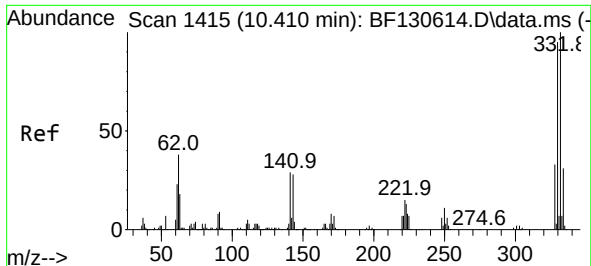
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Tgt Ion:164 Resp: 112876
Ion Ratio Lower Upper
164 100
162 104.0 81.0 121.4
160 43.8 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 101.098 ng
RT: 10.398 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Instrument :

BNA_F

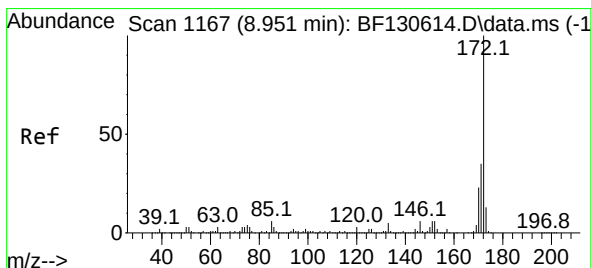
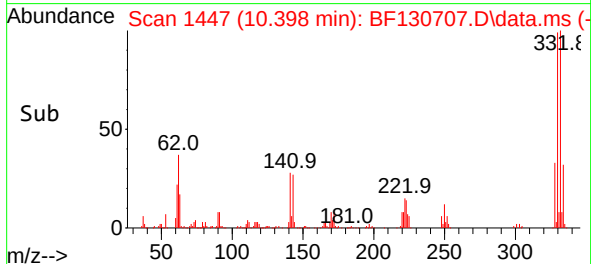
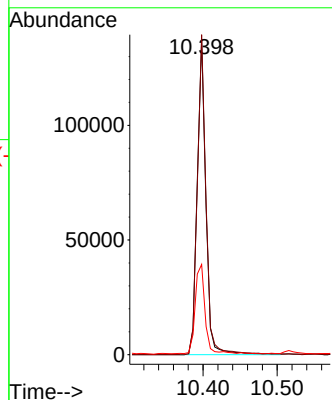
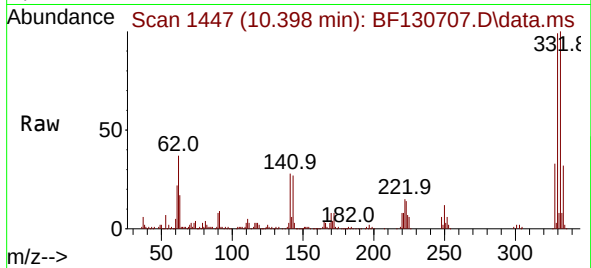
ClientSampleId :

TR-4-101422

Tgt Ion:330 Resp: 11166
Ion Ratio Lower Upper
330 100
332 102.0 84.2 126.4
141 31.6 26.8 40.2

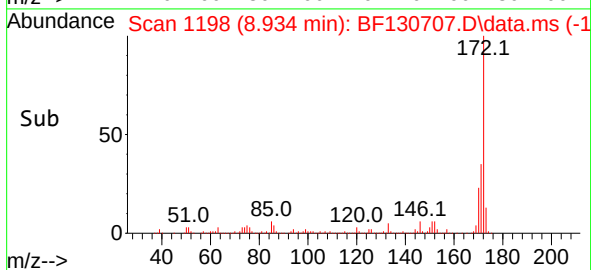
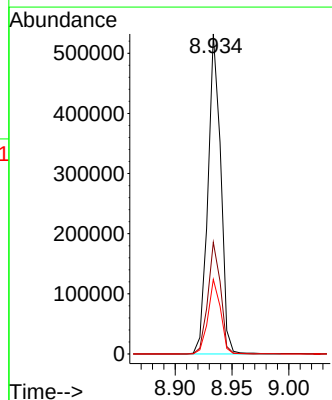
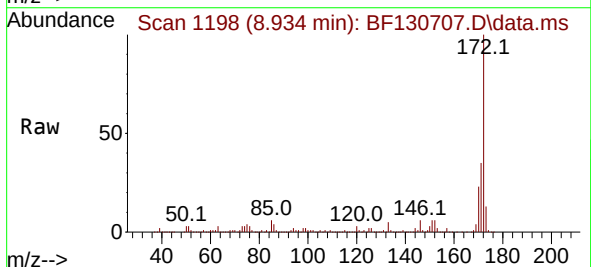
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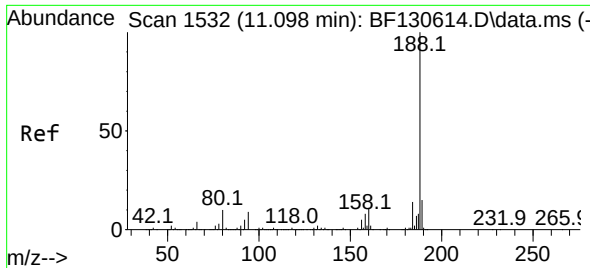
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#45
2-Fluorobiphenyl
Concen: 55.483 ng
RT: 8.934 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Tgt Ion:172 Resp: 413448
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.3 18.6 27.8





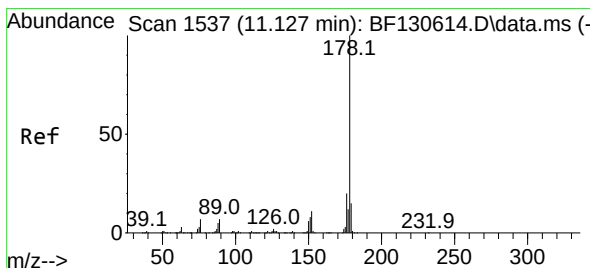
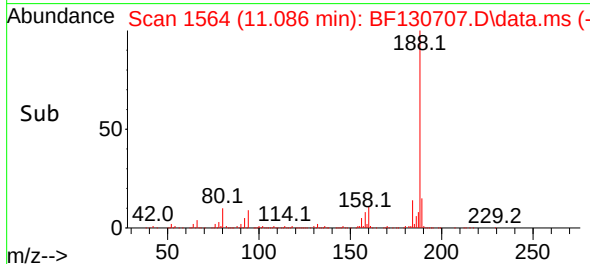
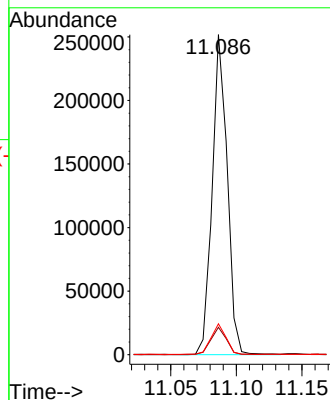
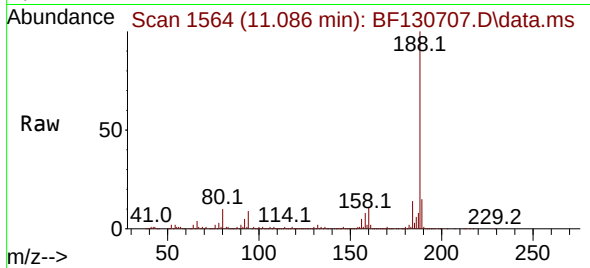
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
TR-4-101422

Tgt Ion:188 Resp: 20065
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.6 8.0 12.0

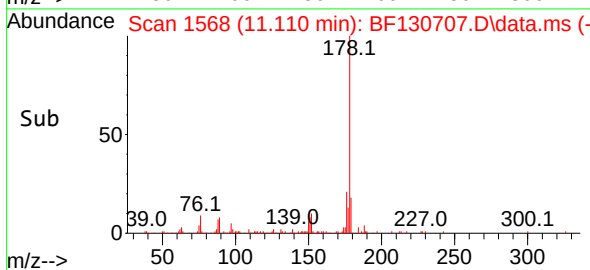
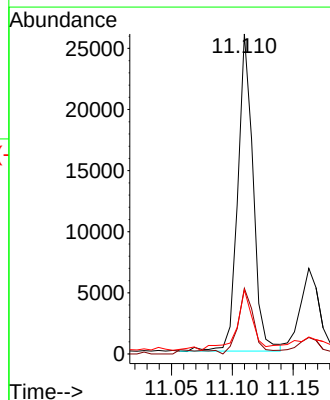
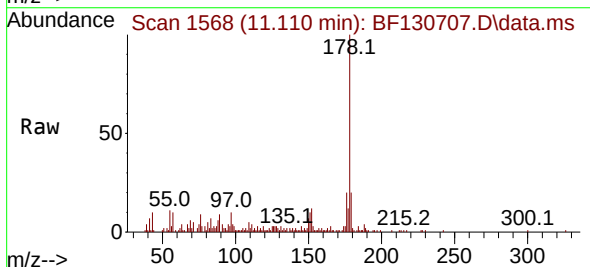
Manual Integrations
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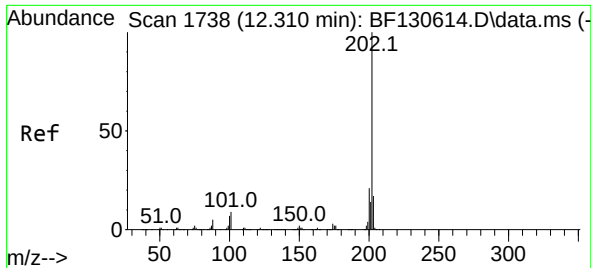
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#71
Phenanthrene
Concen: 2.044 ng
RT: 11.110 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

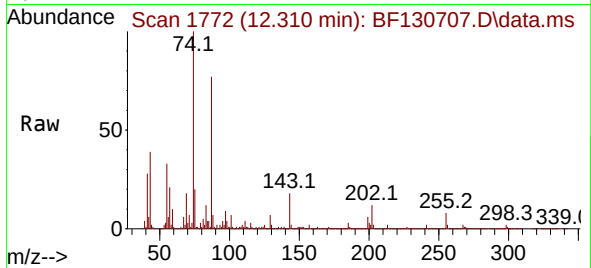
Tgt Ion:178 Resp: 22723
Ion Ratio Lower Upper
178 100
176 20.5 15.7 23.5
179 20.1 12.2 18.4#





#75
Fluoranthene
Concen: 6.165 ng m
RT: 12.310 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

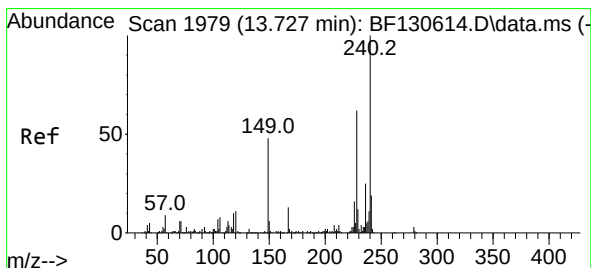
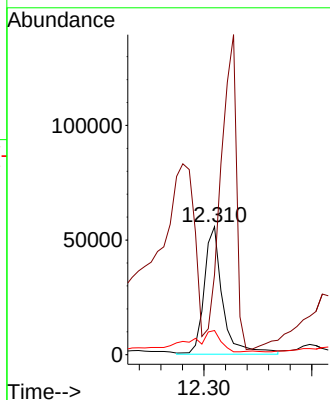
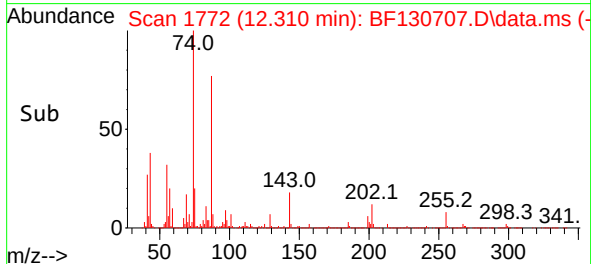
Instrument :
BNA_F
ClientSampleId :
TR-4-101422



Tgt Ion:202 Resp: 65870
Ion Ratio Lower Upper
202 100
101 62.5 0.0 29.1
203 18.9 0.0 37.3

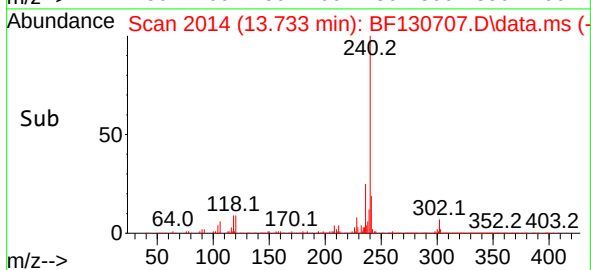
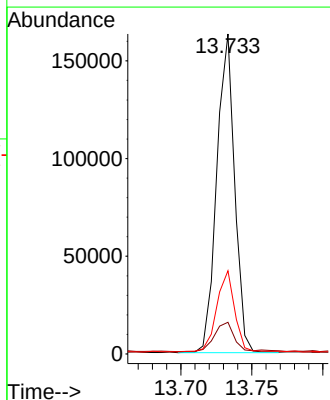
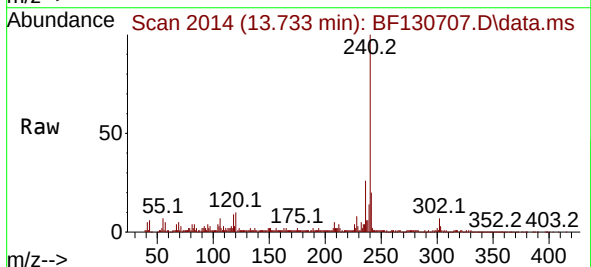
Manual Integrations
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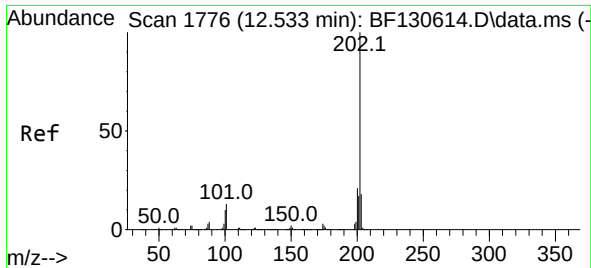
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.733 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

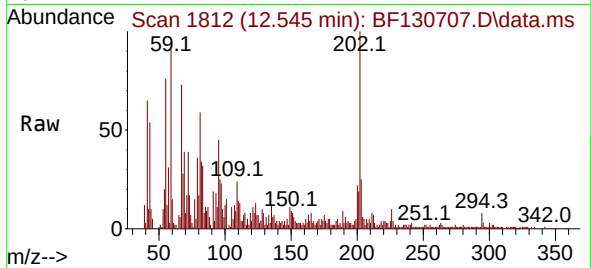
Tgt Ion:240 Resp: 142785
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 26.0 20.2 30.4





#78
Pyrene
Concen: 7.019 ng m
RT: 12.545 min Scan# 1812
Delta R.T. 0.024 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

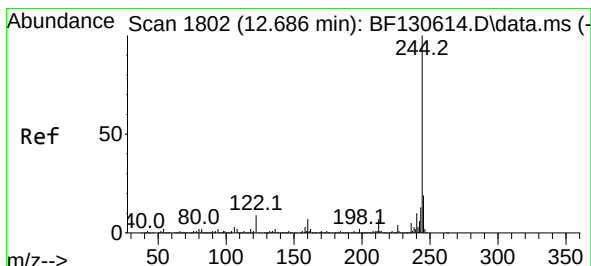
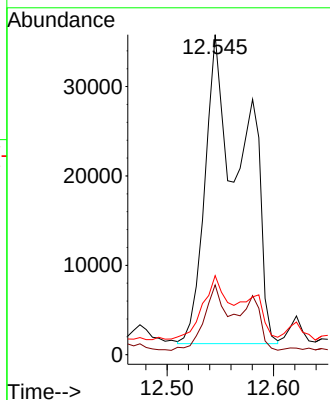
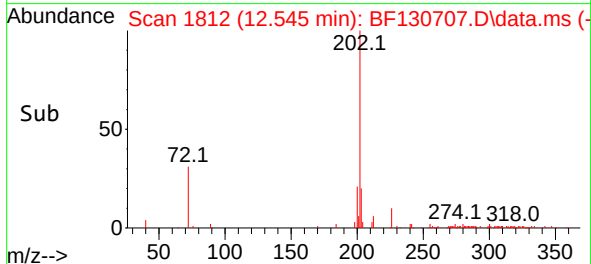
Instrument :
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ClientSampleId :
TR-4-101422



Tgt Ion:202 Resp: 86460
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 24.7 14.0 21.0

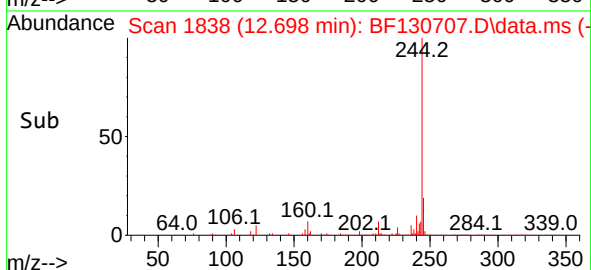
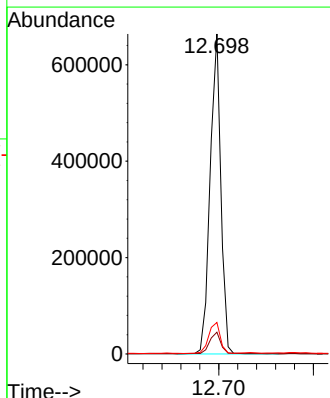
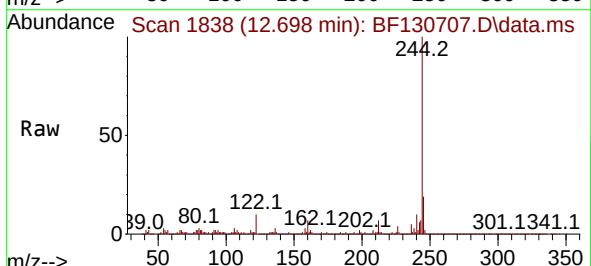
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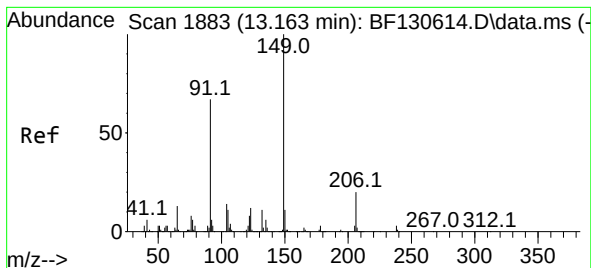
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#79
Terphenyl-d14
Concen: 60.147 ng
RT: 12.698 min Scan# 1838
Delta R.T. 0.024 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Tgt Ion:244 Resp: 517439
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 9.9 7.5 11.3





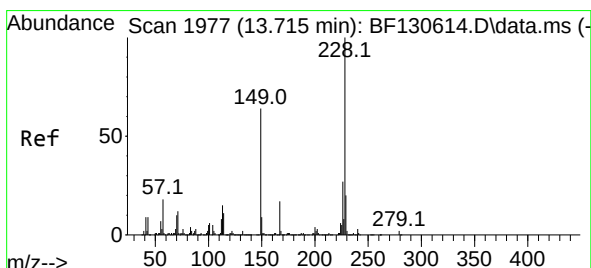
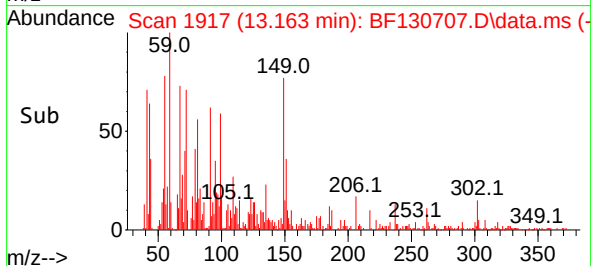
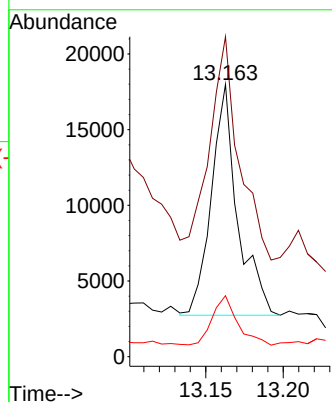
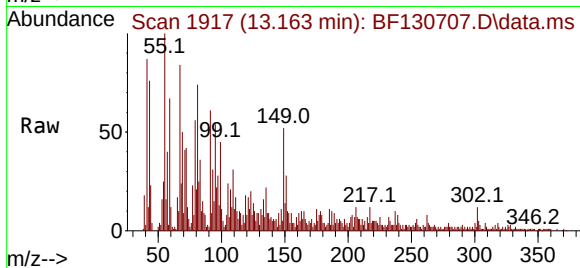
#80
Butylbenzylphthalate
Concen: 3.791 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.012 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
TR-4-101422

Tgt Ion:149 Resp: 17958
Ion Ratio Lower Upper
149 100
91 117.5 53.8 80.8
206 22.4 15.8 23.6

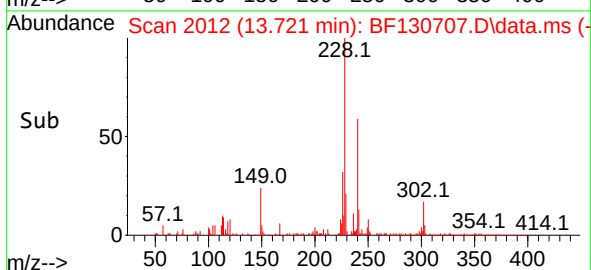
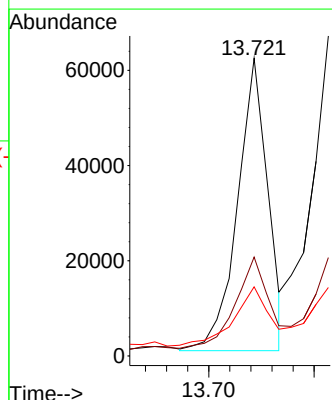
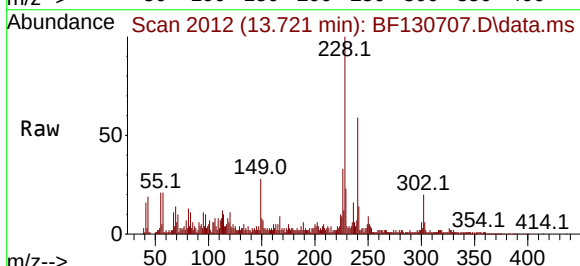
Manual Integrations
APPROVED

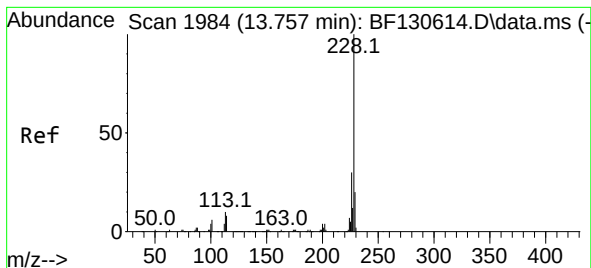
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#81
Benzo(a)anthracene
Concen: 6.399 ng m
RT: 13.721 min Scan# 2012
Delta R.T. 0.012 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Tgt Ion:228 Resp: 61563
Ion Ratio Lower Upper
228 100
226 33.2 21.4 32.2#
229 23.2 15.8 23.8





#83

Chrysene

Concen: 7.389 ng m

RT: 13.757 min Scan# 2011

Delta R.T. 0.012 min

Lab File: BF130707.D

Acq: 18 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

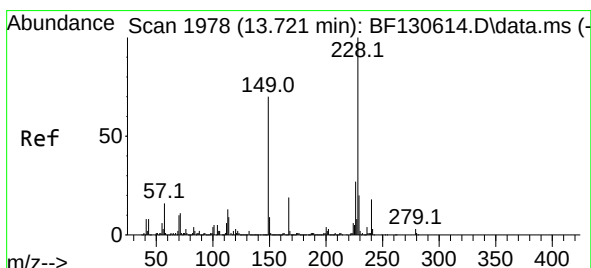
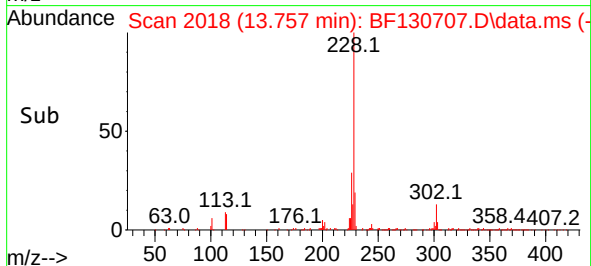
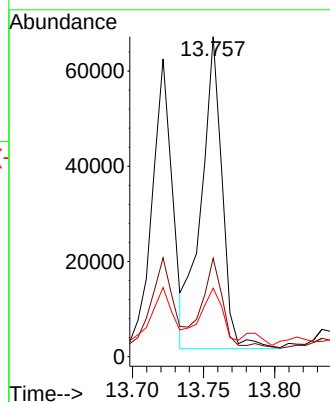
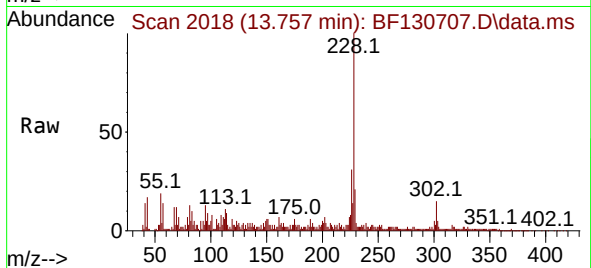
TR-4-101422

Tgt Ion:	228	Resp:	6740
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.9	35.9
229	21.4	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.514 ng

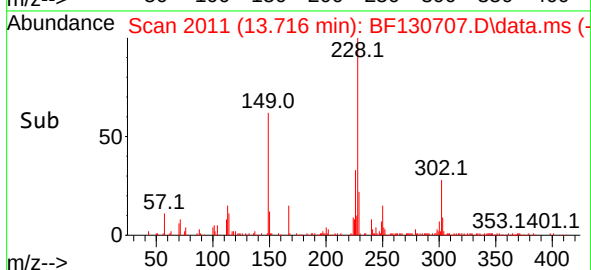
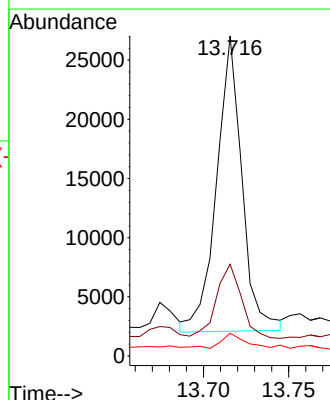
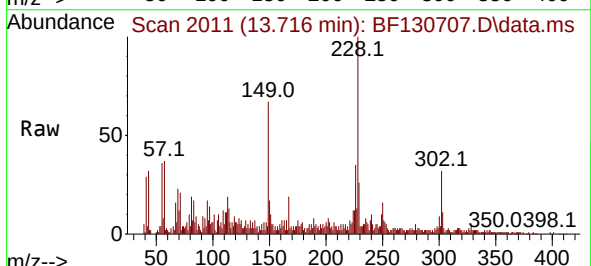
RT: 13.716 min Scan# 2011

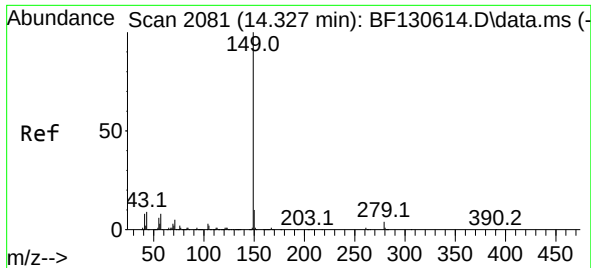
Delta R.T. 0.006 min

Lab File: BF130707.D

Acq: 18 Oct 2022 19:56

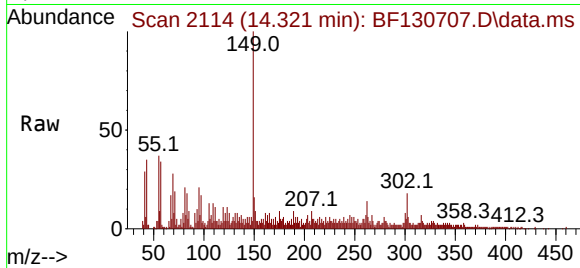
Tgt Ion:	149	Resp:	25920
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.9	32.9
279	7.1	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 4.759 ng
RT: 14.321 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

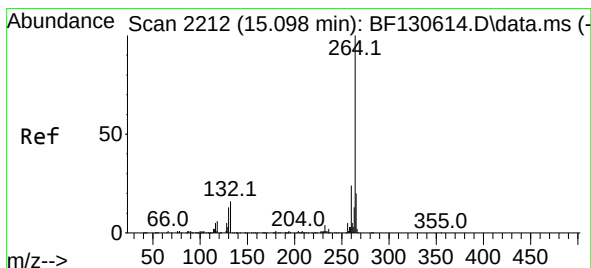
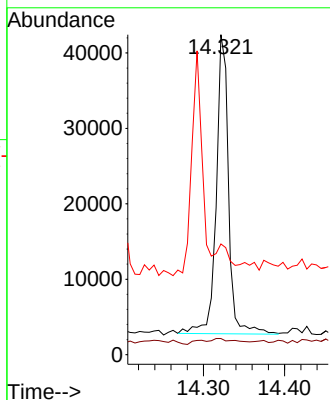
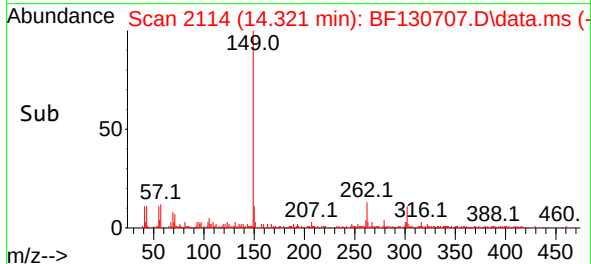
Instrument :
BNA_F
ClientSampleId :
TR-4-101422



Tgt Ion:149 Resp: 41854
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 0.0 7.2 10.8

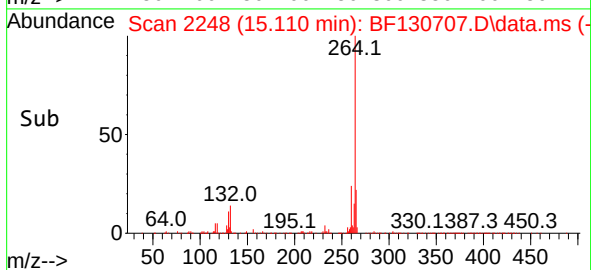
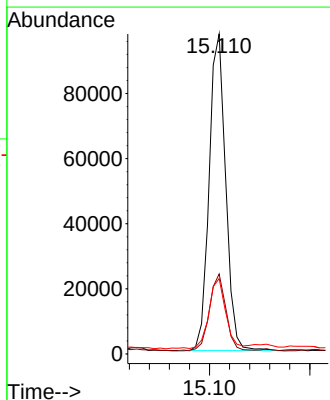
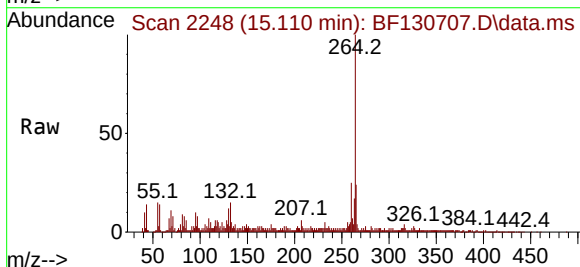
Manual Integrations
APPROVED

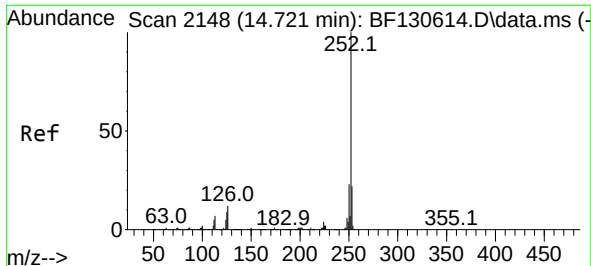
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.110 min Scan# 2248
Delta R.T. 0.024 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

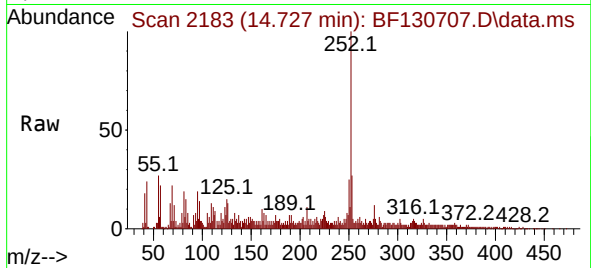
Tgt Ion:264 Resp: 111275
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 23.5 16.4 24.6





#88
Benzo(b)fluoranthene
Concen: 8.063 ng
RT: 14.727 min Scan# 2148
Delta R.T. 0.012 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

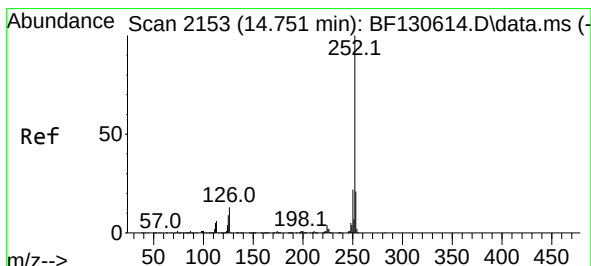
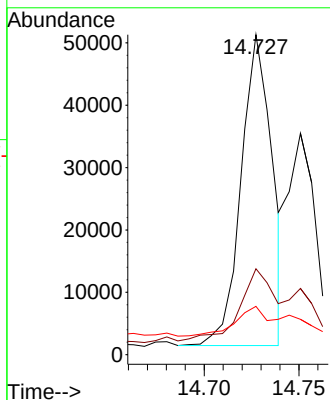
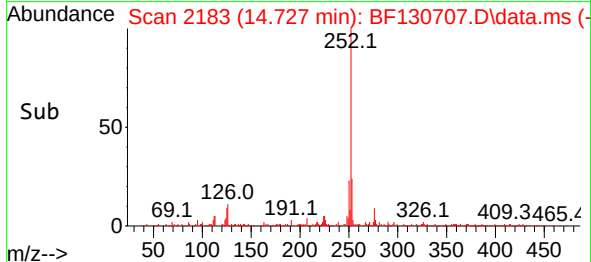
Instrument :
BNA_F
ClientSampleId :
TR-4-101422



Tgt Ion:252 Resp: 56814
Ion Ratio Lower Upper
252 100
253 26.8 17.4 26.2
125 15.1 7.4 11.0

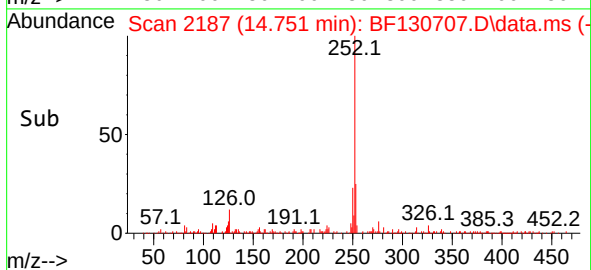
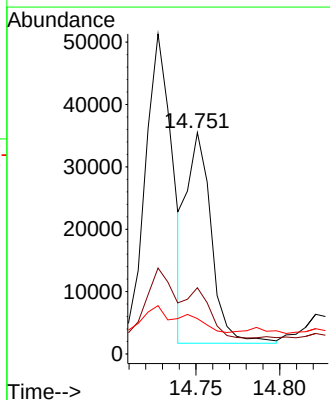
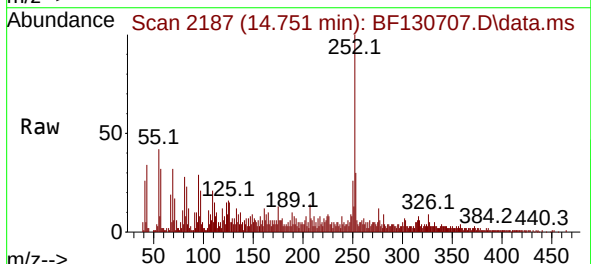
Manual Integrations
APPROVED

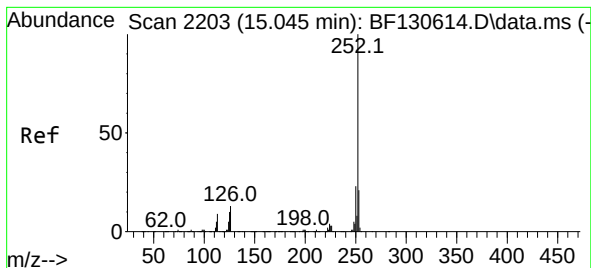
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#89
Benzo(k)fluoranthene
Concen: 4.829 ng m
RT: 14.751 min Scan# 2187
Delta R.T. 0.012 min
Lab File: BF130707.D
Acq: 18 Oct 2022 19:56

Tgt Ion:252 Resp: 34646
Ion Ratio Lower Upper
252 100
253 29.9 17.0 25.4#
125 15.9 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 6.624 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF130707.D

Acq: 18 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

TR-4-101422

Tgt Ion:252 Resp: 3884

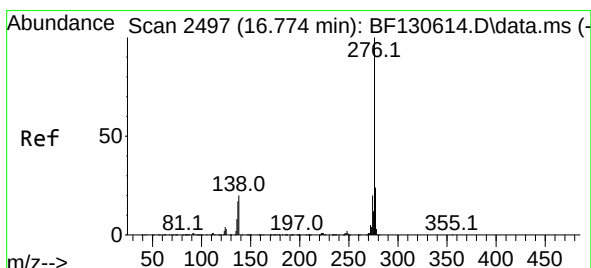
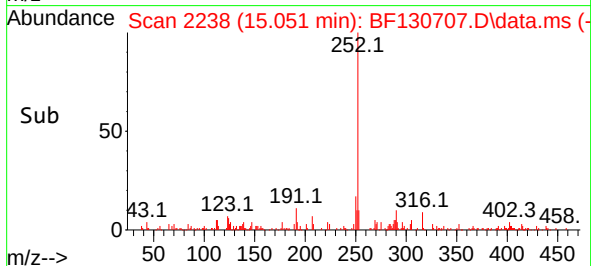
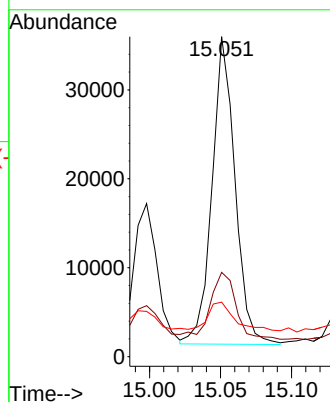
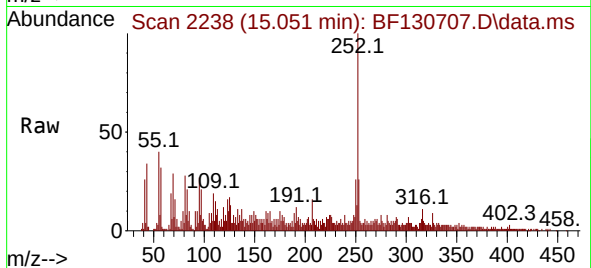
Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6
125	17.0	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#92

Benzo(g,h,i)perylene

Concen: 2.510 ng

RT: 16.798 min Scan# 2535

Delta R.T. 0.029 min

Lab File: BF130707.D

Acq: 18 Oct 2022 19:56

Tgt Ion:276 Resp: 15957

Ion	Ratio	Lower	Upper
276	100		
277	36.1	18.9	28.3#
138	26.6	15.9	23.9#

