

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102422\
 Data File : BF130759.D
 Acq On : 24 Oct 2022 13:54
 Operator : CG\JU
 Sample : N5217-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-I1-COMP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/25/2022
 Supervised By : mohammad ahmed 10/27/2022

Quant Time: Oct 24 23:22:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	89289	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	343964	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	205122	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	289890	20.000	ng	0.00
76) Chrysene-d12	13.710	240	144940	20.000	ng	# 0.00
86) Perylene-d12	15.086	264	177199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	641156	123.824	ng	0.02
7) Phenol-d6	6.228	99	749248	119.595	ng	0.00
23) Nitrobenzene-d5	7.134	82	511784	78.930	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	170327	87.316	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	973799	72.347	ng	0.00
79) Terphenyl-d14	12.657	244	719881	83.699	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.098	178	78249	4.922	ng	100
73) Carbazole	11.316	167	39024	2.664	ng	98
74) Di-n-butylphthalate	11.639	149	42787	2.375	ng	# 99
75) Fluoranthene	12.280	202	123149	7.663	ng	97
78) Pyrene	12.510	202	108025	8.879	ng	100
80) Butylbenzylphthalate	13.133	149	20283	4.202	ng	97
81) Benzo(a)anthracene	13.698	228	65298	6.742	ng	98
83) Chrysene	13.733	228	60835	6.483	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	24539	4.291	ng	96
88) Benzo(b)fluoranthene	14.710	252	39663m	3.362	ng	
90) Benzo(a)pyrene	15.033	252	29074	3.068	ng	98

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

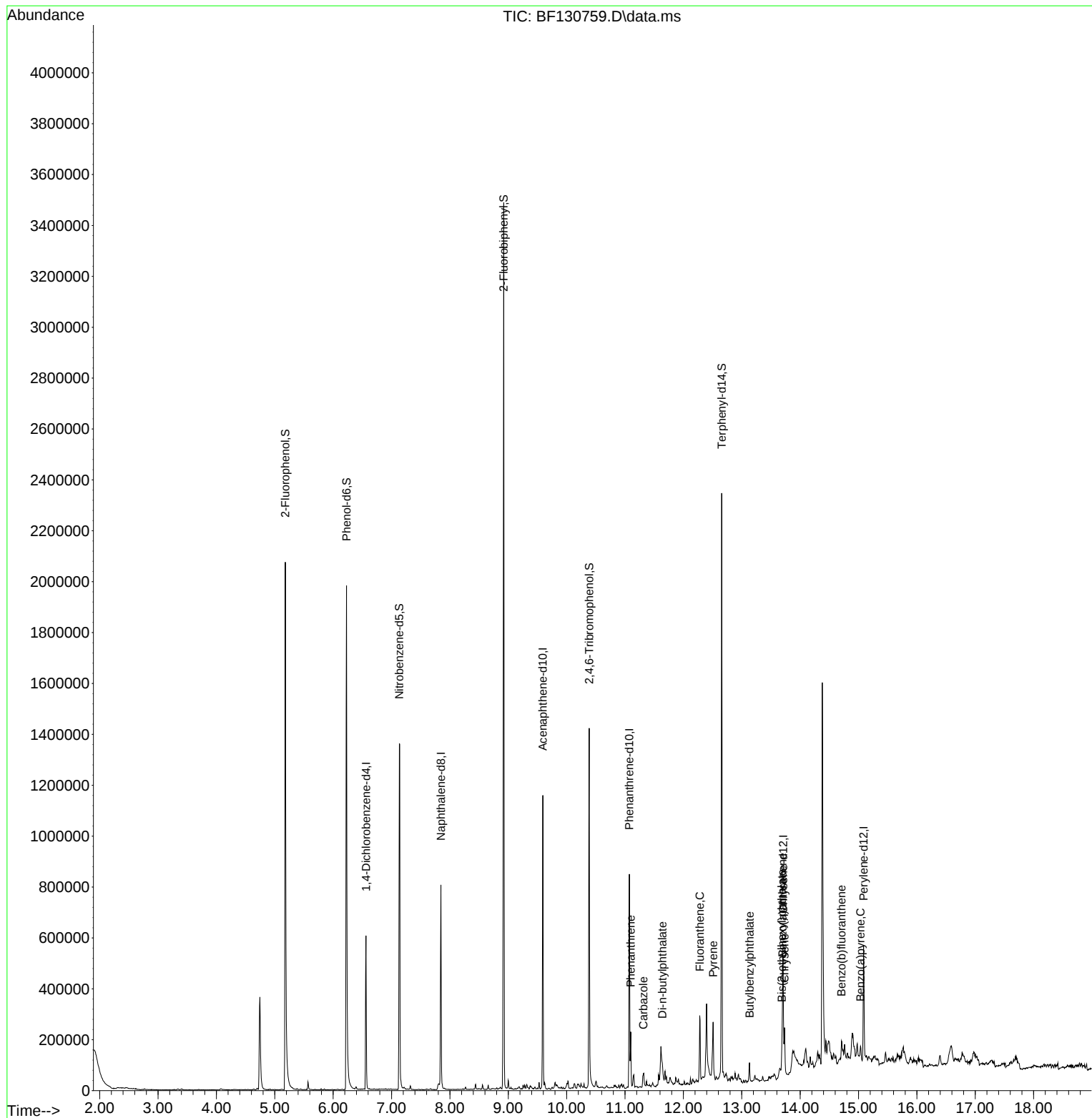
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102422\
Data File : BF130759.D
Acq On : 24 Oct 2022 13:54
Operator : CG\JU
Sample : N5217-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

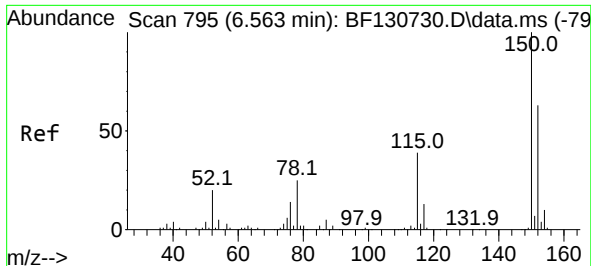
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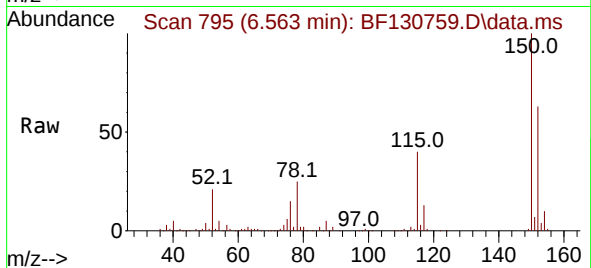
Quant Time: Oct 24 23:22:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

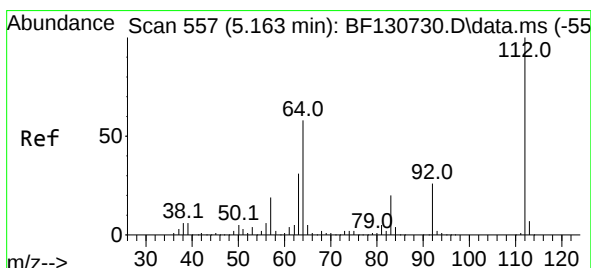
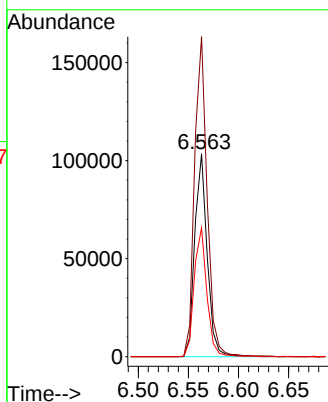
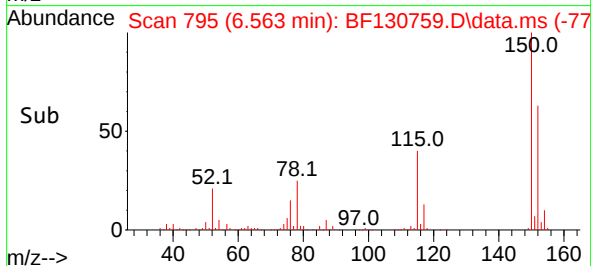
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BNA_F
ClientSampleId :
SB-I1-COMP



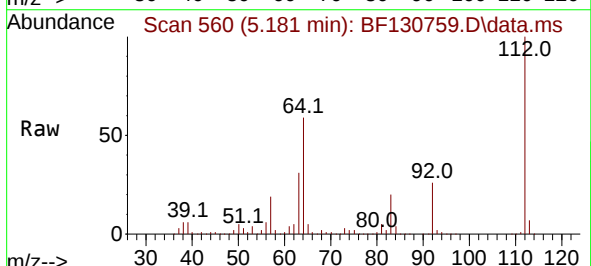
Tgt Ion:152 Resp: 89289
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 63.6 49.9 74.9

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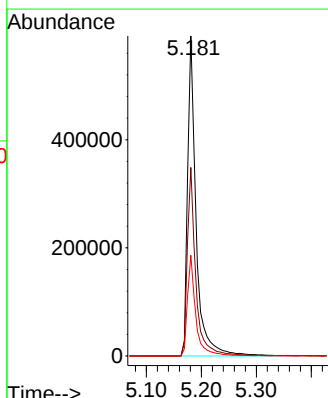
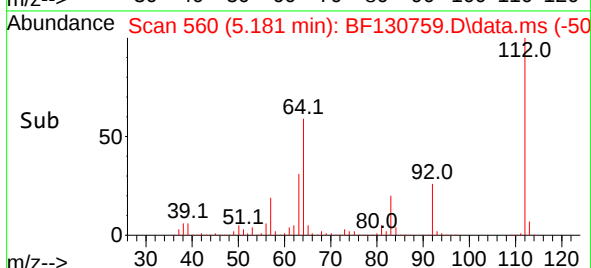
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

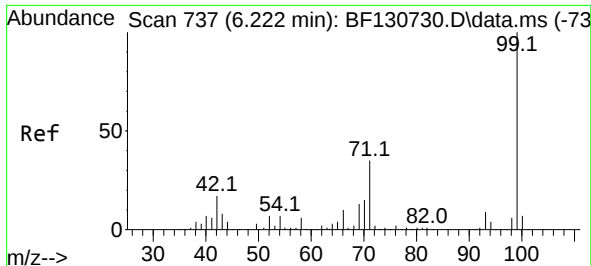


#5
2-Fluorophenol
Concen: 123.824 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54



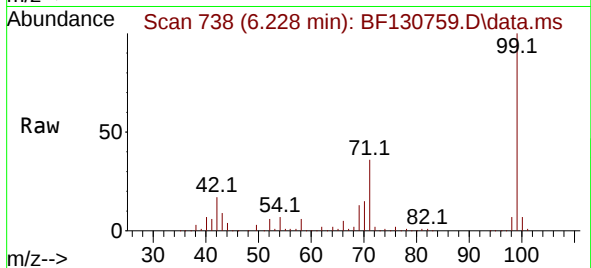
Tgt Ion:112 Resp: 641156
Ion Ratio Lower Upper
112 100
64 58.9 46.2 69.4
63 31.5 25.1 37.7





#7
Phenol-d6
Concen: 119.595 ng
RT: 6.228 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

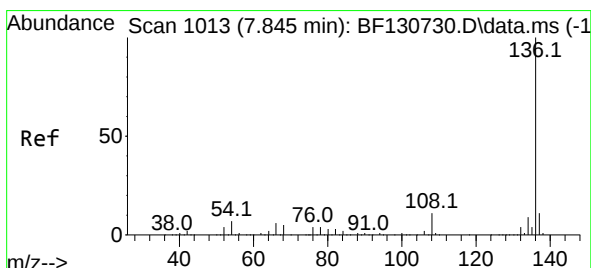
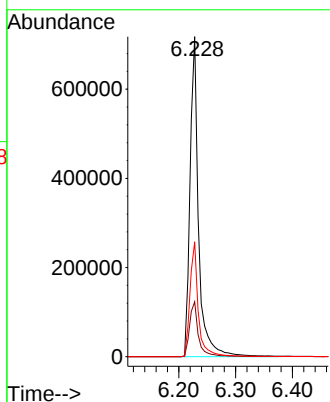
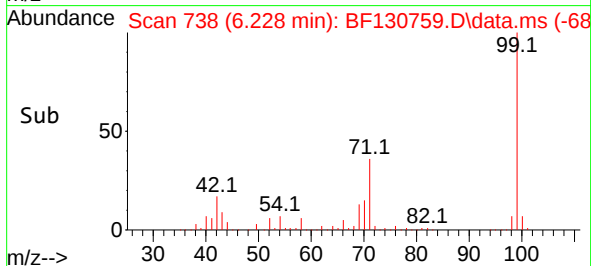
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ClientSampleId :
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Tgt Ion: 99 Resp: 749248
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 35.9 28.3 42.5

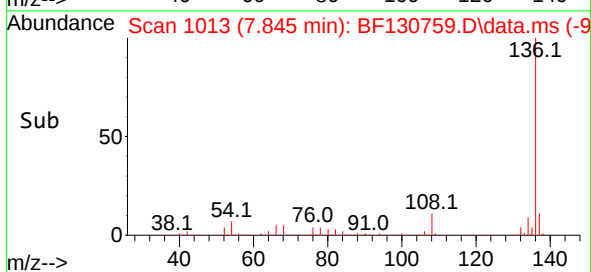
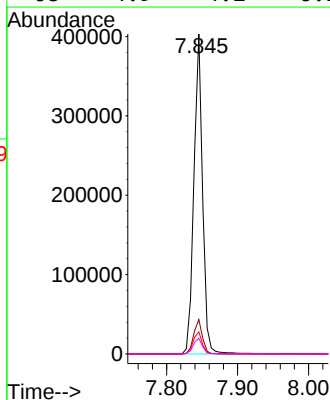
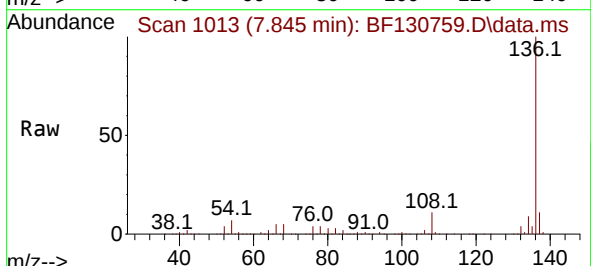
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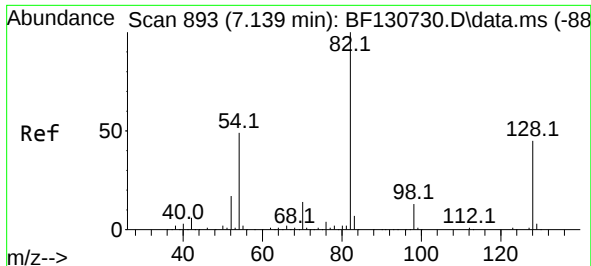
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Tgt Ion:136 Resp: 343964
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.9 5.8 8.8
68 4.9 4.2 6.2





#23
Nitrobenzene-d5
Concen: 78.930 ng
RT: 7.134 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Instrument :

BNA_F

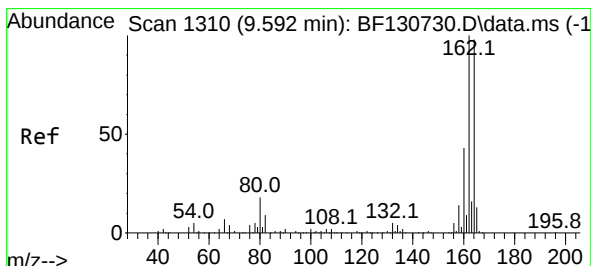
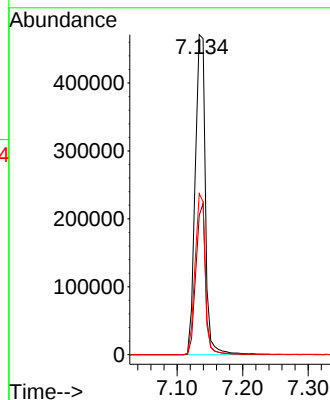
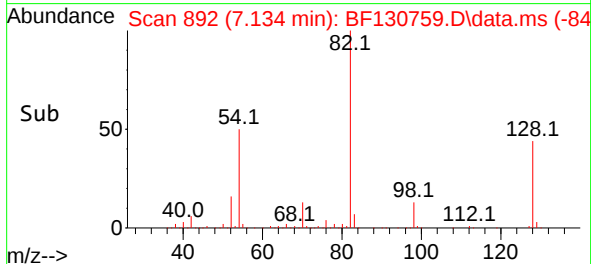
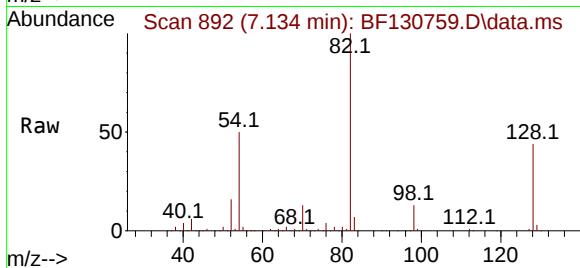
ClientSampleId :

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Tgt Ion: 82 Resp: 511784
Ion Ratio Lower Upper
82 100
128 43.5 35.9 53.9
54 50.4 39.2 58.8

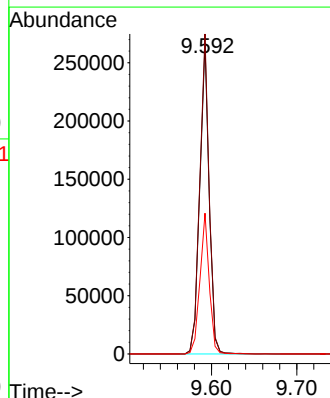
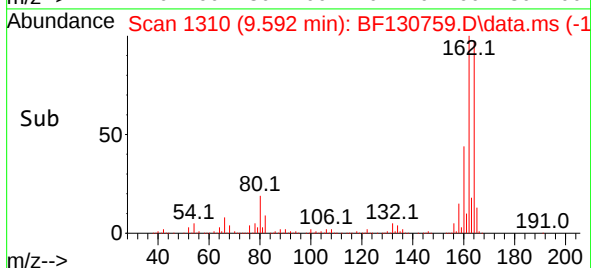
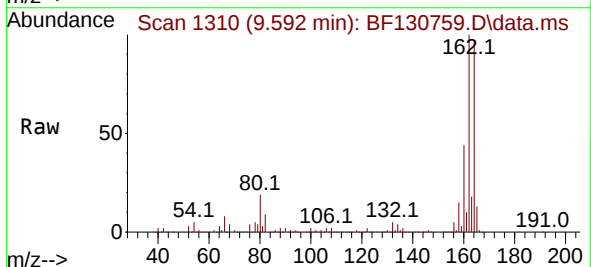
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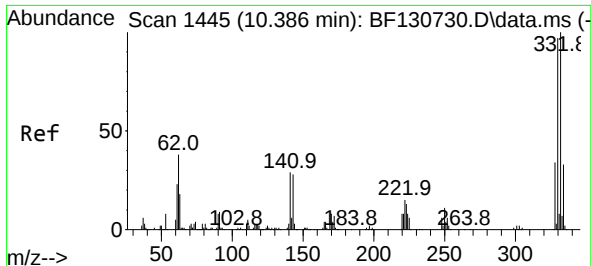
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

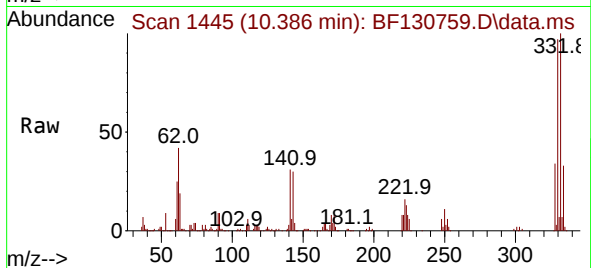
Tgt Ion:164 Resp: 205122
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 45.3 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 87.316 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

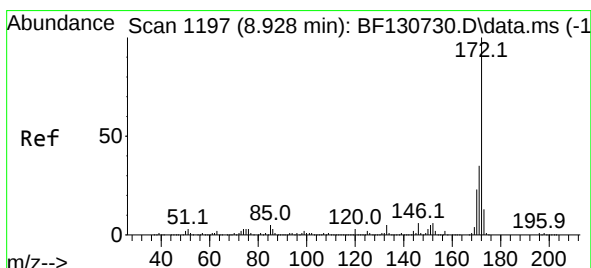
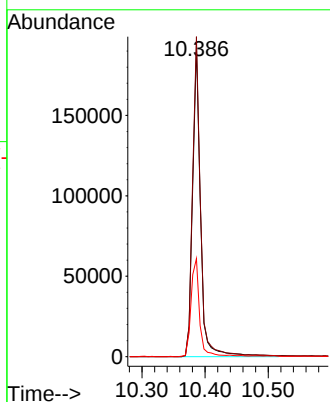
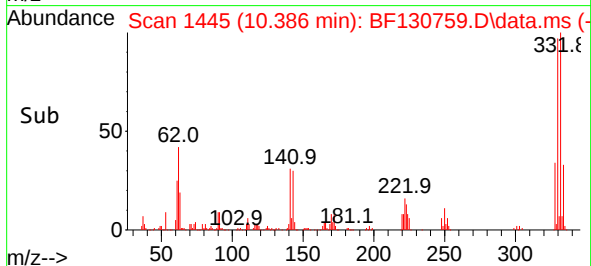
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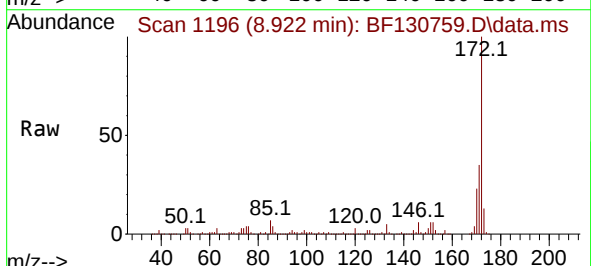
Tgt Ion: 330 Resp: 17032
Ion Ratio Lower Upper
330 100
332 104.2 81.4 122.2
141 34.3 24.6 37.0

Manual Integrations
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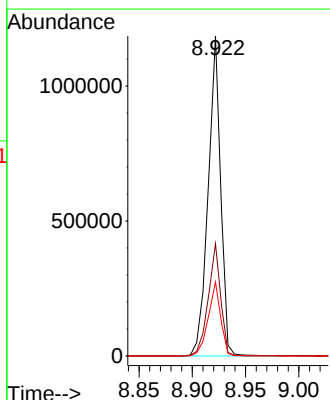
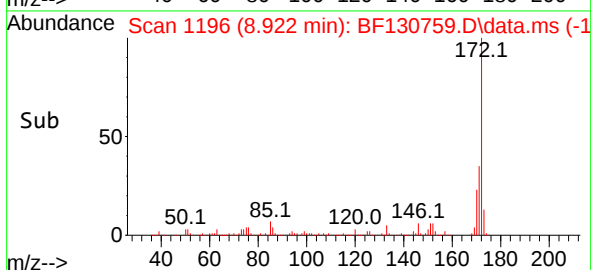
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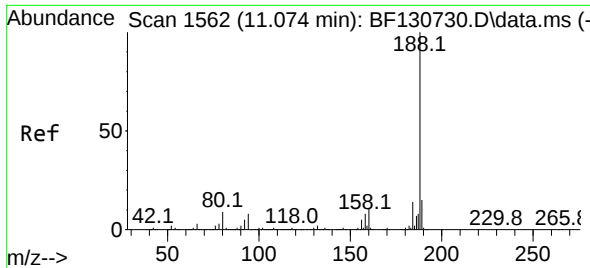


#45
2-Fluorobiphenyl
Concen: 72.347 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54



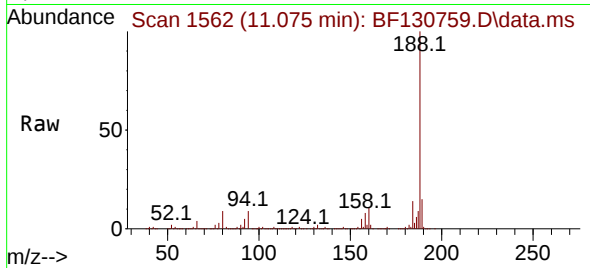
Tgt Ion: 172 Resp: 973799
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.1 18.5 27.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

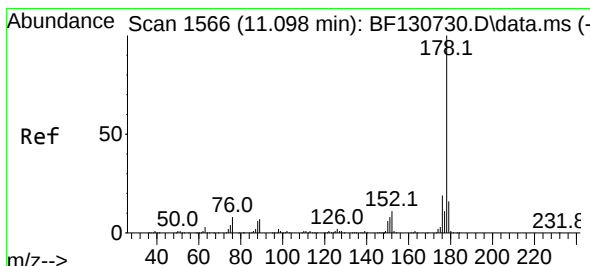
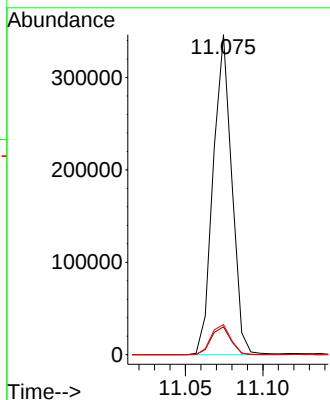
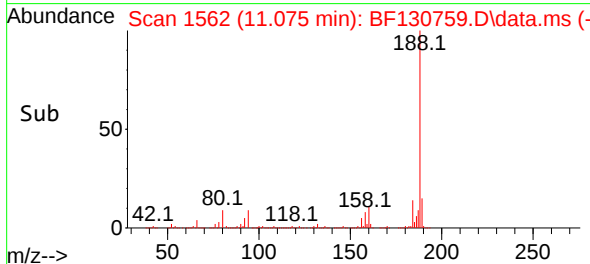
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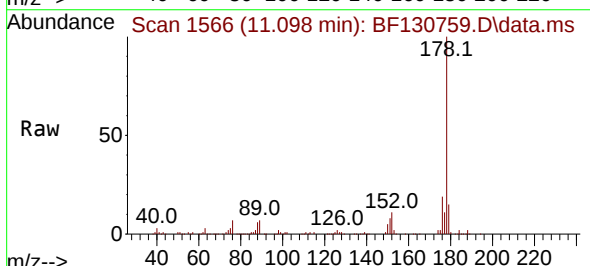
Tgt Ion:188 Resp: 289890
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.4 7.4 11.0

Manual Integrations
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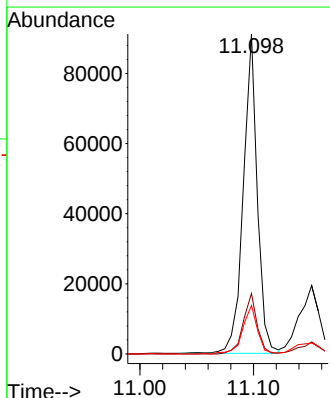
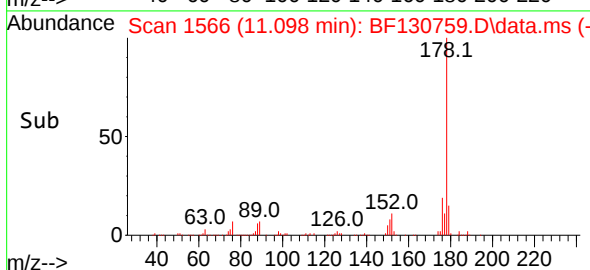
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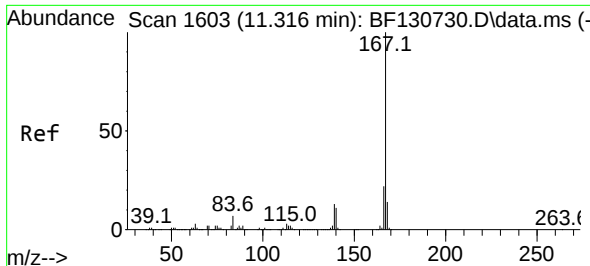


#71
Phenanthrene
Concen: 4.922 ng
RT: 11.098 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54



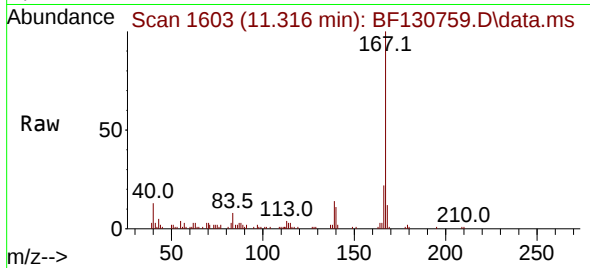
Tgt Ion:178 Resp: 78249
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 2.664 ng
 RT: 11.316 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF130759.D
 Acq: 24 Oct 2022 13:54

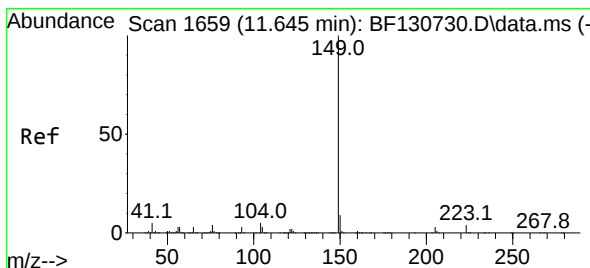
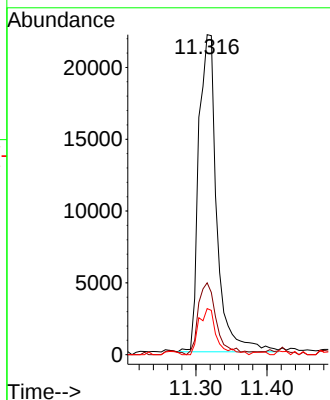
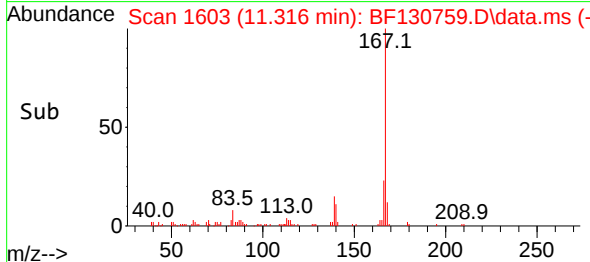
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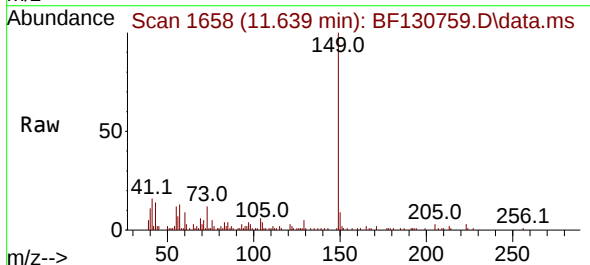
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 Ion Ratio Lower Upper
 167 100
 166 22.5 17.3 25.9
 139 14.4 10.7 16.1

Manual Integrations
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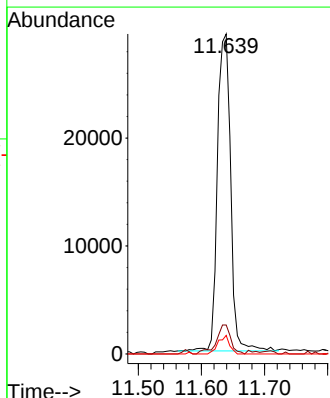
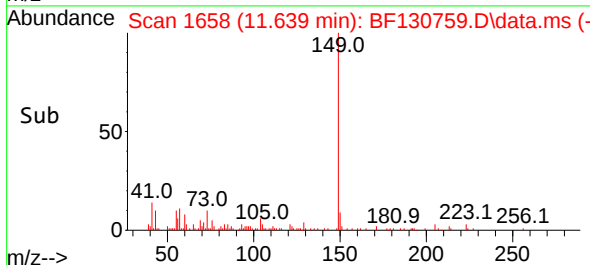
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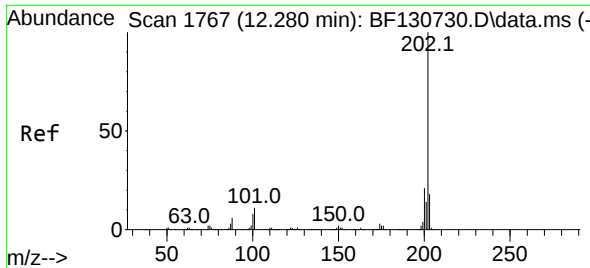


#74
 Di-n-butylphthalate
 Concen: 2.375 ng
 RT: 11.639 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF130759.D
 Acq: 24 Oct 2022 13:54



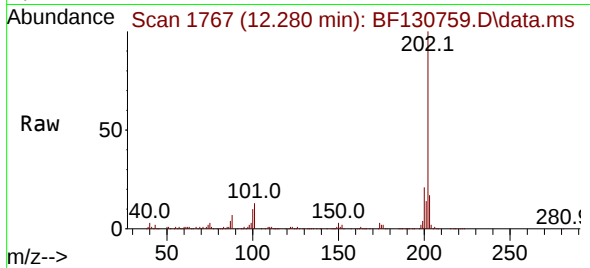
Tgt Ion:149 Resp: 42787
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.8 3.8 5.8#





#75
Fluoranthene
Concen: 7.663 ng
RT: 12.280 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

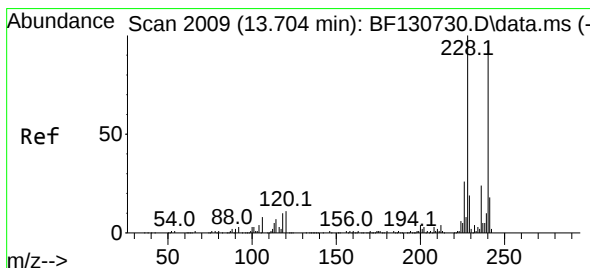
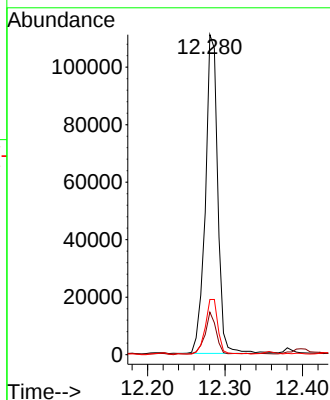
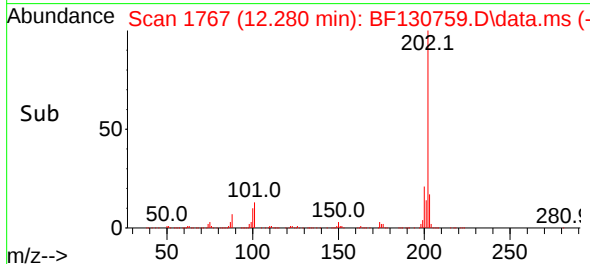
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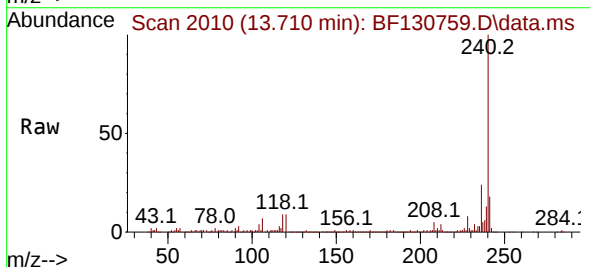
Tgt Ion:202 Resp: 123149
Ion Ratio Lower Upper
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101 13.3 0.0 31.0
203 17.2 0.0 37.6

Manual Integrations
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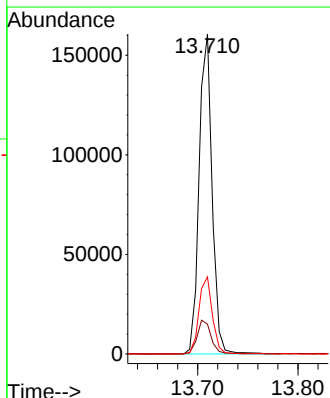
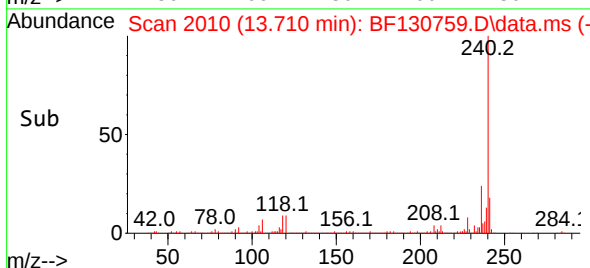
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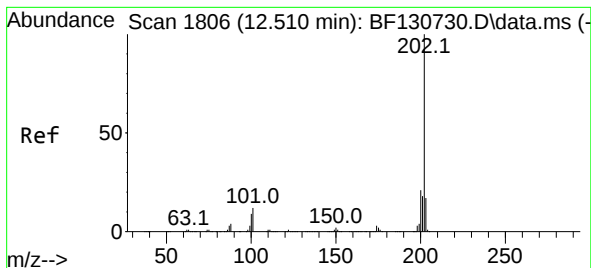


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54



Tgt Ion:240 Resp: 144940
Ion Ratio Lower Upper
240 100
120 9.3 9.6 14.4#
236 24.1 20.2 30.2





#78

Pyrene

Concen: 8.879 ng

RT: 12.510 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Instrument :

BNA_F

ClientSampleId :

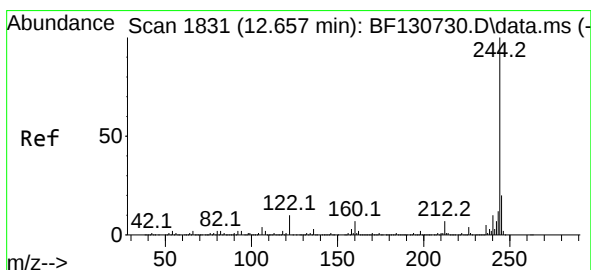
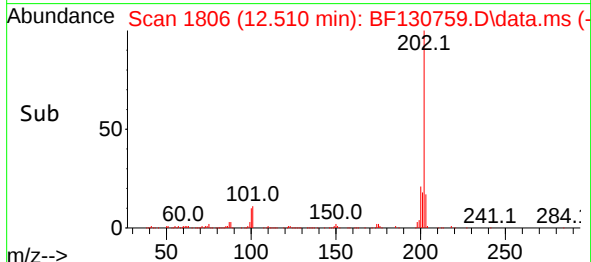
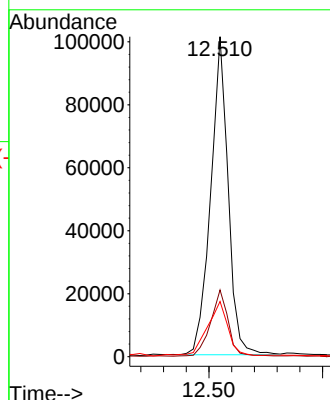
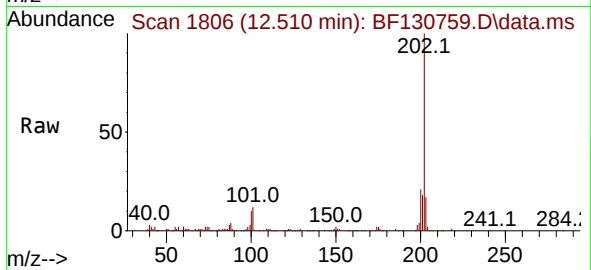
SB-I1-COMP

Tgt Ion:	202	Resp:	108025
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	17.3	13.8	20.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#79

Terphenyl-d14

Concen: 83.699 ng

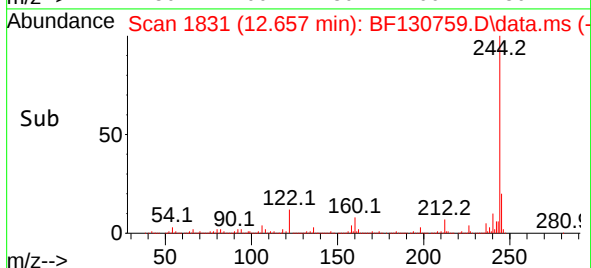
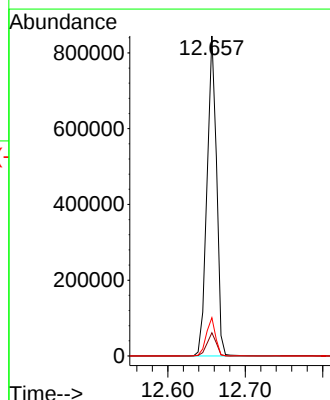
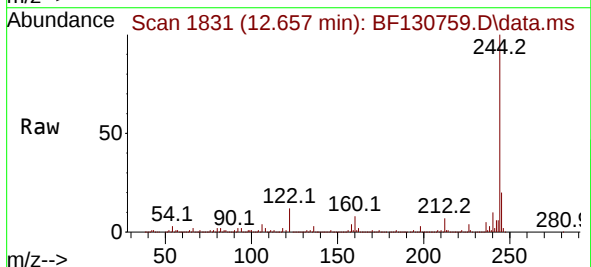
RT: 12.657 min Scan# 1831

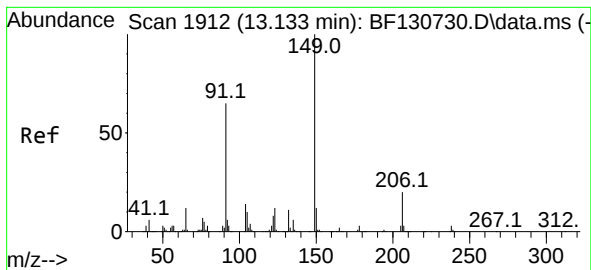
Delta R.T. -0.000 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Tgt Ion:	244	Resp:	719881
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	12.0	8.2	12.4





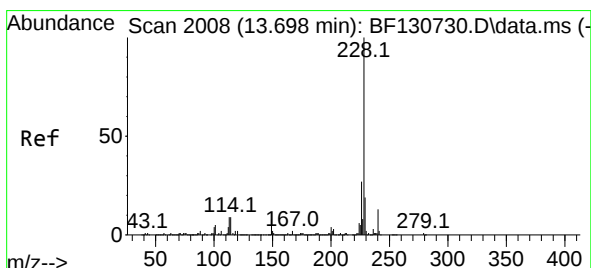
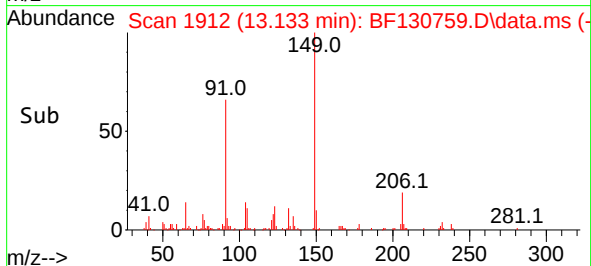
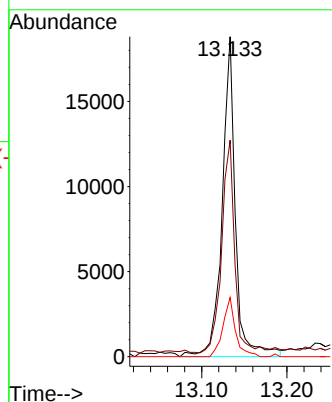
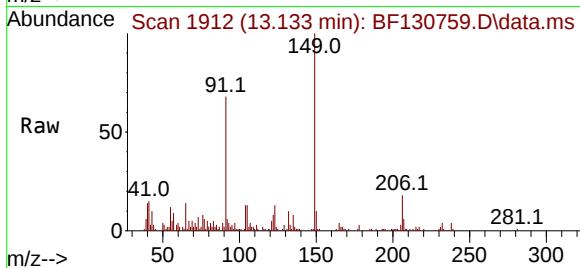
#80
Butylbenzylphthalate
Concen: 4.202 ng
RT: 13.133 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP

Tgt Ion:149 Resp: 2028
Ion Ratio Lower Upper
149 100
91 67.7 52.3 78.5
206 18.5 16.3 24.5

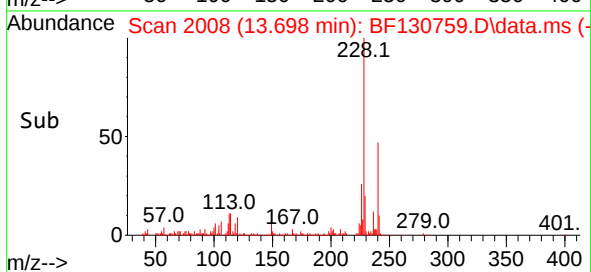
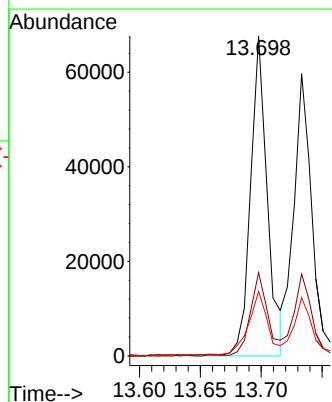
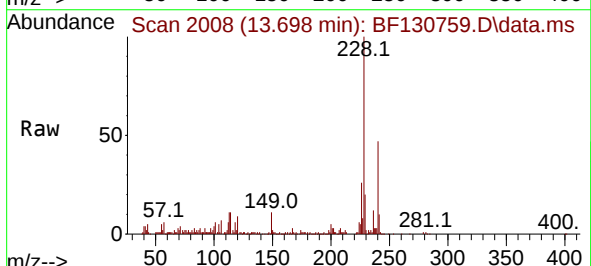
Manual Integrations
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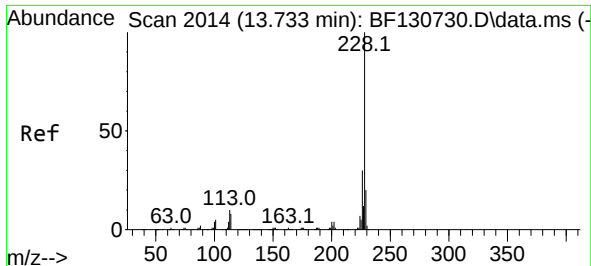
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#81
Benzo(a)anthracene
Concen: 6.742 ng
RT: 13.698 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

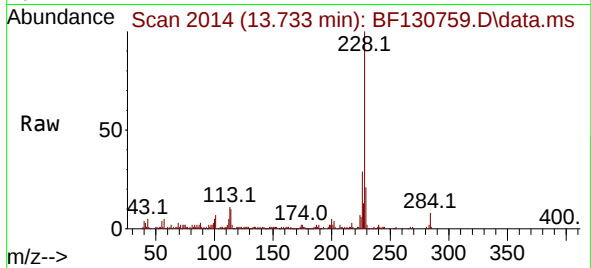
Tgt Ion:228 Resp: 65298
Ion Ratio Lower Upper
228 100
226 26.1 21.8 32.8
229 20.2 15.4 23.2





#83
Chrysene
Concen: 6.483 ng
RT: 13.733 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

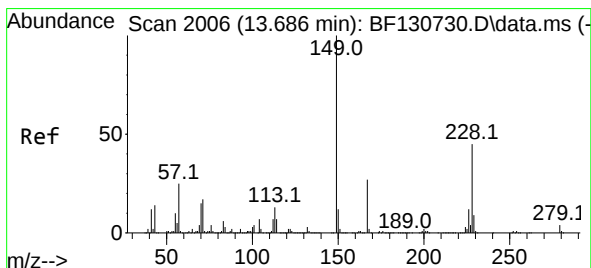
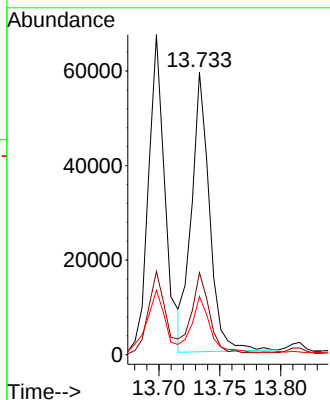
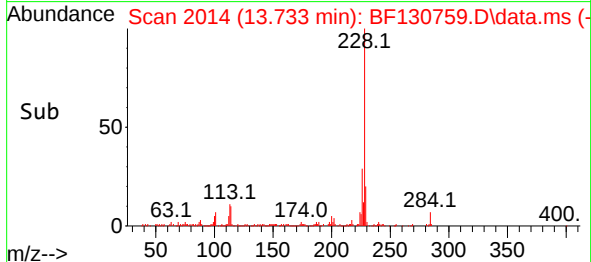
Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP



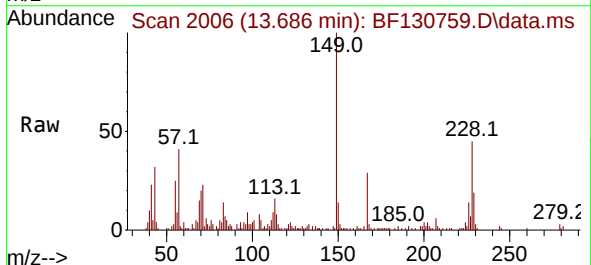
Tgt Ion:228 Resp: 60839
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 20.6 15.8 23.6

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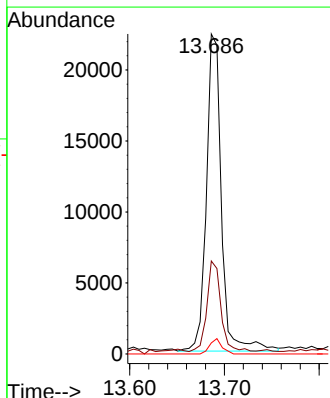
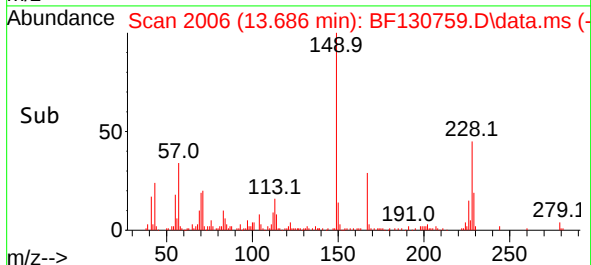
Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

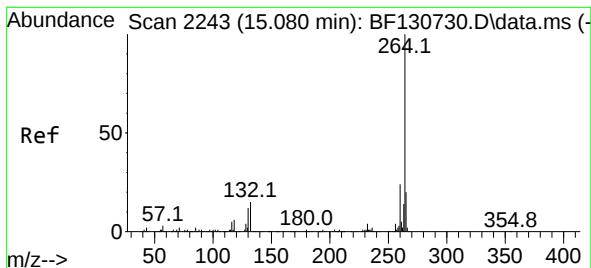


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.291 ng
RT: 13.686 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54



Tgt Ion:149 Resp: 24539
Ion Ratio Lower Upper
149 100
167 29.1 21.5 32.3
279 3.5 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.086 min Scan# 2180

Delta R.T. 0.006 min

Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Instrument :

BNA_F

ClientSampleId :

SB-I1-COMP

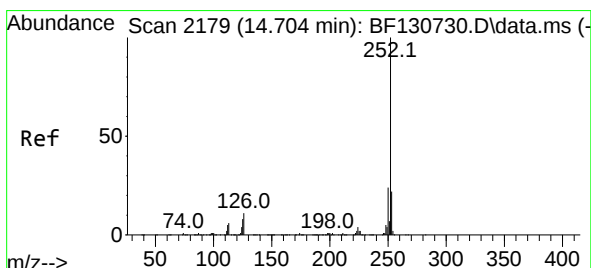
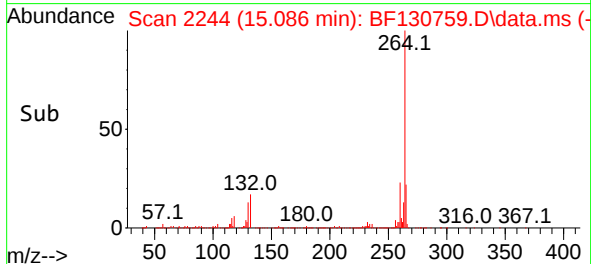
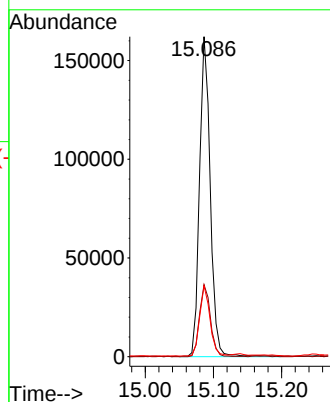
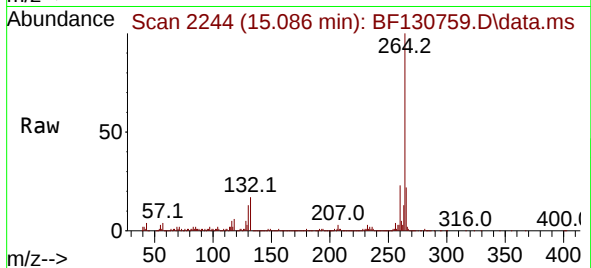
Tgt Ion:264 Resp: 177199

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	22.2	16.2	24.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#88

Benzo(b)fluoranthene

Concen: 3.362 ng m

RT: 14.710 min Scan# 2180

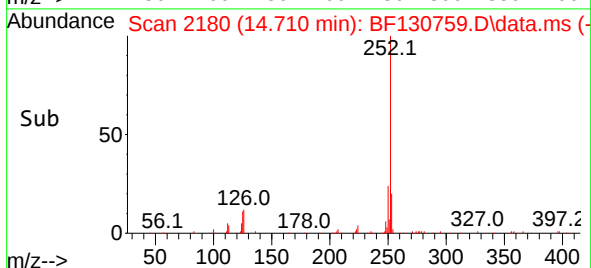
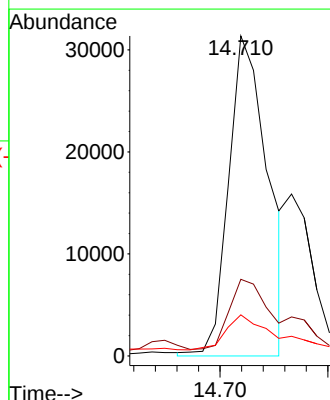
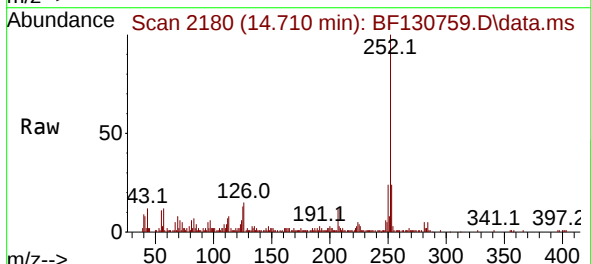
Delta R.T. 0.006 min

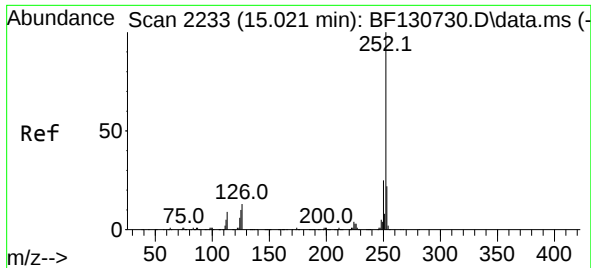
Lab File: BF130759.D

Acq: 24 Oct 2022 13:54

Tgt Ion:252 Resp: 39663

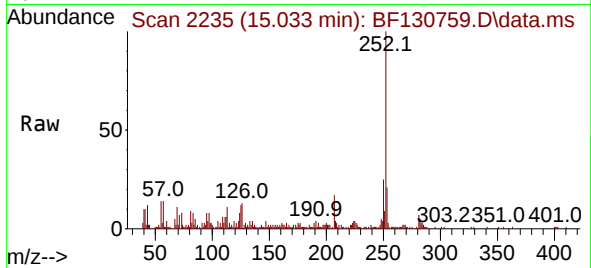
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	12.9	6.4	9.6





#90
Benzo(a)pyrene
Concen: 3.068 ng
RT: 15.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF130759.D
Acq: 24 Oct 2022 13:54

Instrument :
BNA_F
ClientSampleId :
SB-I1-COMP



Tgt Ion:252 Resp: 29074
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 11.6 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

