

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130308.D
 Acq On : 17 Sep 2022 00:36
 Operator : CG\JU
 Sample : N4653-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAR-1948

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/19/2022
 Supervised By : Jagrut Upadhyay 09/19/2022

Quant Time: Sep 17 03:33:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	86854	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	325245	20.000	ng	# 0.00
39) Acenaphthene-d10	9.698	164	145960	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	196811	20.000	ng	0.00
76) Chrysene-d12	13.804	240	172976	20.000	ng	0.00
86) Perylene-d12	15.192	264	196101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	527585	105.358	ng	0.00
7) Phenol-d6	6.304	99	644442	102.854	ng	0.00
23) Nitrobenzene-d5	7.233	82	410117	64.420	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	131162	93.783	ng	-0.01
45) 2-Fluorobiphenyl	9.027	172	677256	67.567	ng	0.00
79) Terphenyl-d14	12.763	244	464726	44.504	ng	0.00
Target Compounds						
75) Fluoranthene	12.380	202	34086	3.192	ng	Qvalue 97
88) Benzo(b)fluoranthene	14.804	252	29981m	2.342	ng	

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

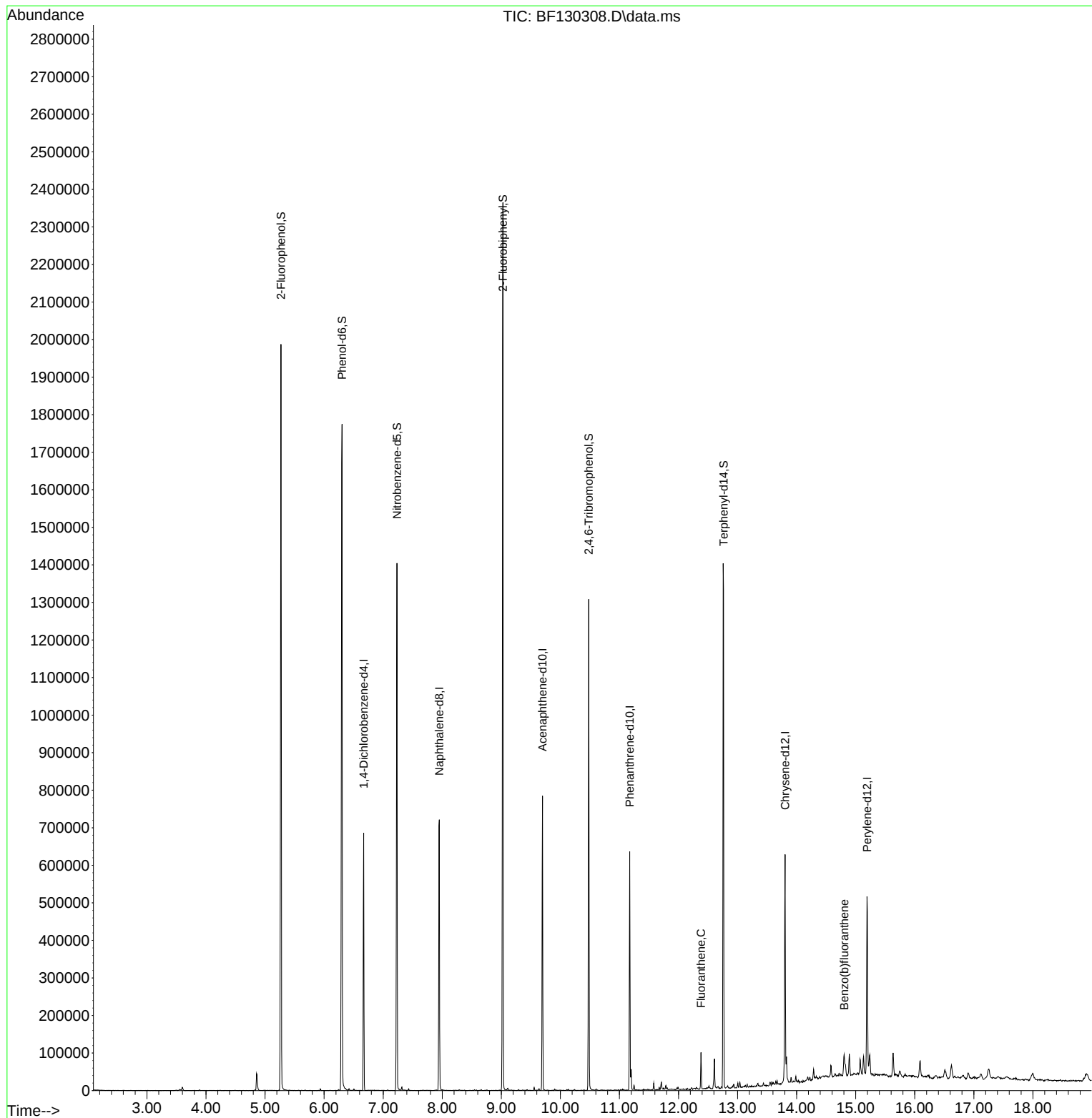
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130308.D
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Sample : N4653-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

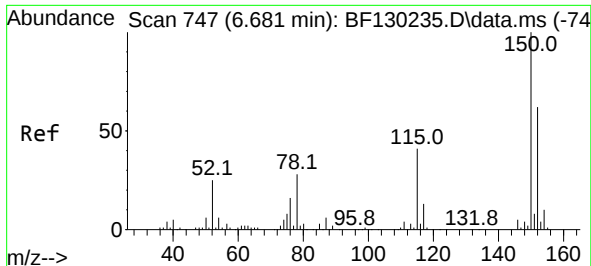
Instrument :
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Quant Time: Sep 17 03:33:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 03:22:32 2022
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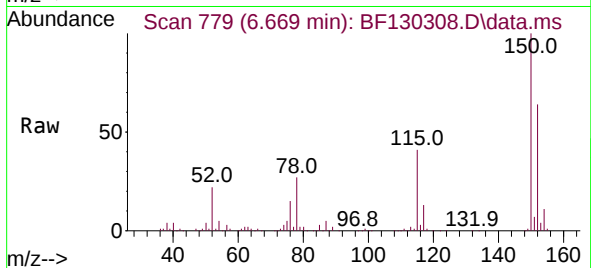
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

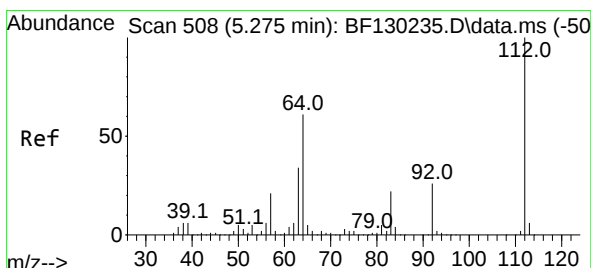
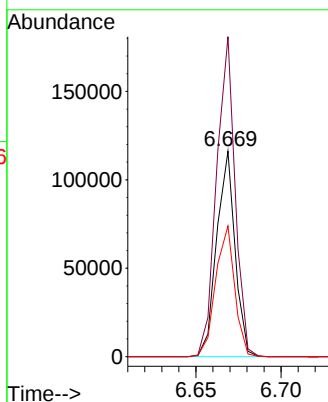
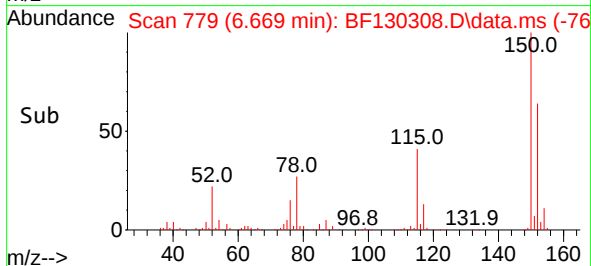
Instrument :
BNA_F
ClientSampleId :
CAR-1948



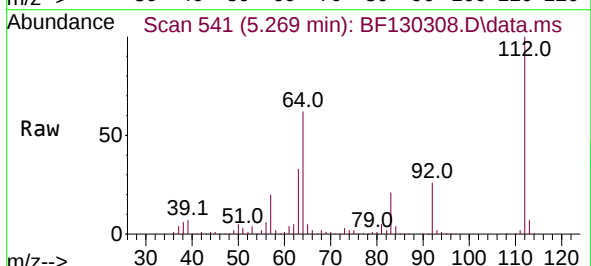
Tgt Ion:152 Resp: 86854
Ion Ratio Lower Upper
152 100
150 155.8 122.8 184.2
115 63.6 53.8 80.8

Manual Integrations
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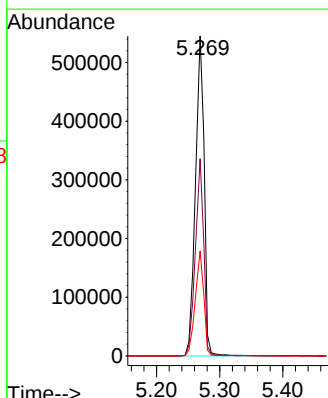
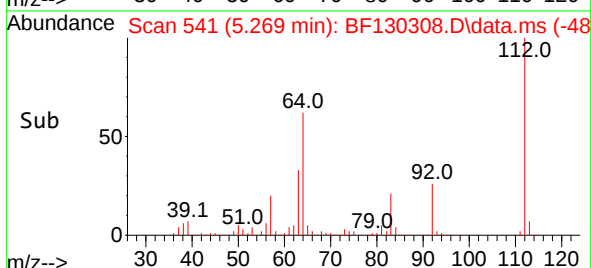
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

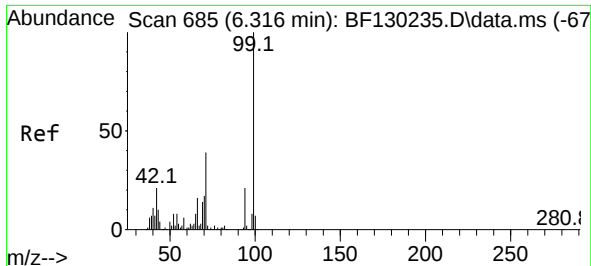


#5
2-Fluorophenol
Concen: 105.358 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36



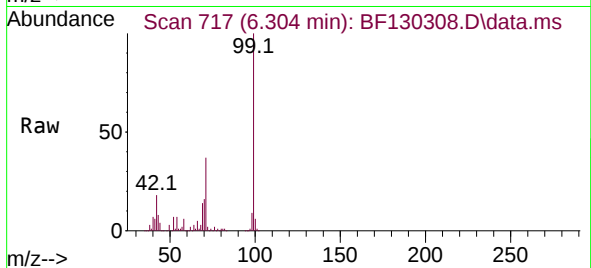
Tgt Ion:112 Resp: 527585
Ion Ratio Lower Upper
112 100
64 61.6 51.4 77.0
63 32.8 28.8 43.2





#7
Phenol-d6
Concen: 102.854 ng
RT: 6.304 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

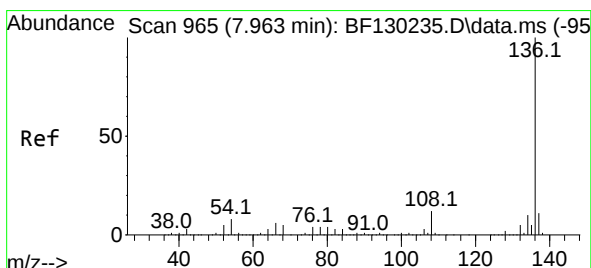
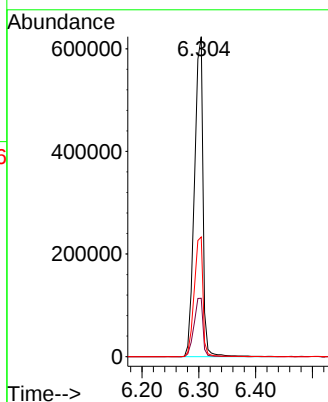
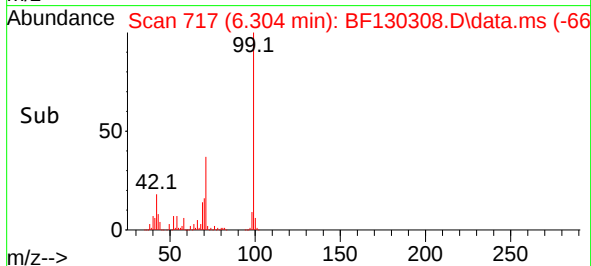
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 644442
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 37.4 32.3 48.5

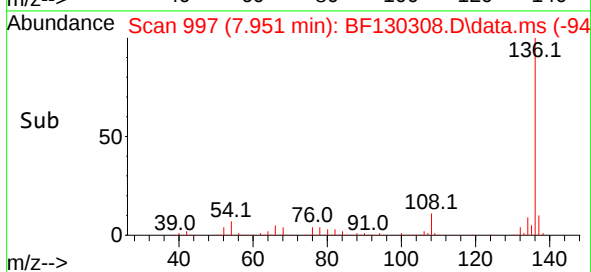
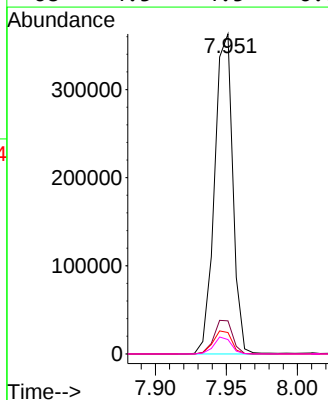
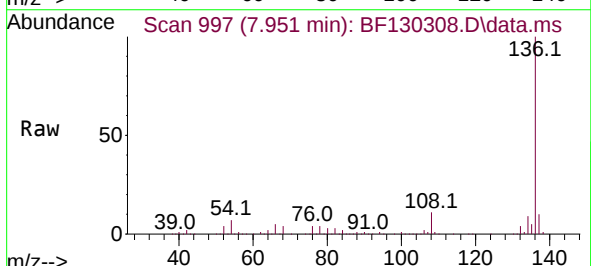
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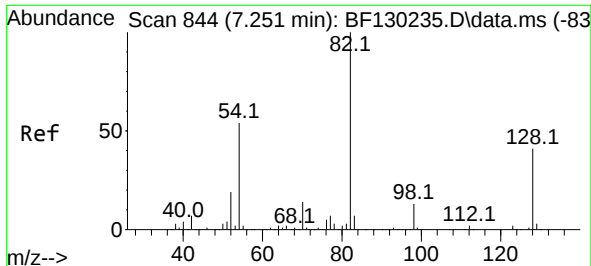
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

Tgt Ion:136 Resp: 325245
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 6.7 7.1 10.7#
68 4.5 4.5 6.7





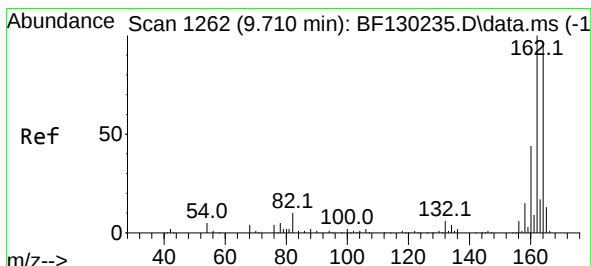
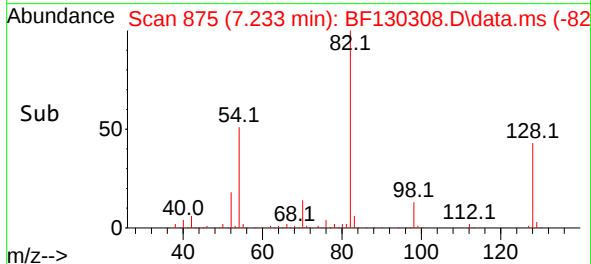
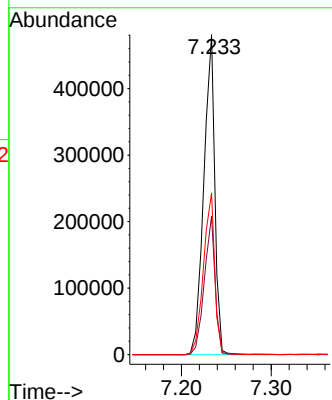
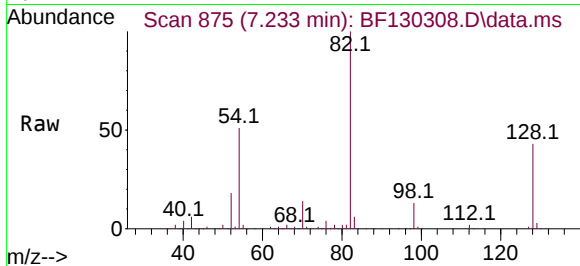
#23
Nitrobenzene-d5
Concen: 64.420 ng
RT: 7.233 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 410117
Ion Ratio Lower Upper
82 100
128 43.2 32.6 49.0
54 50.5 43.8 65.6

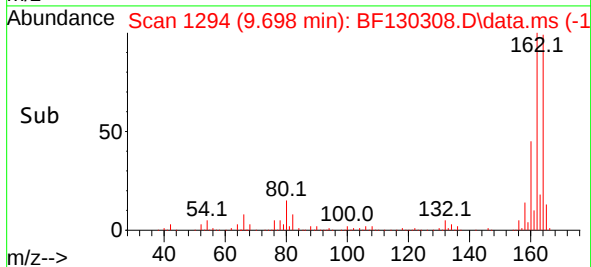
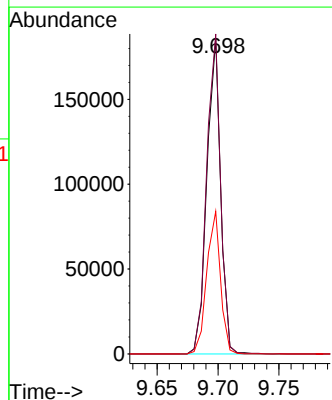
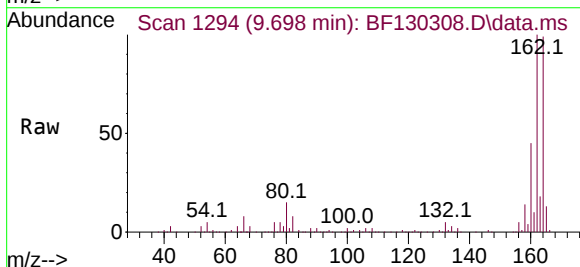
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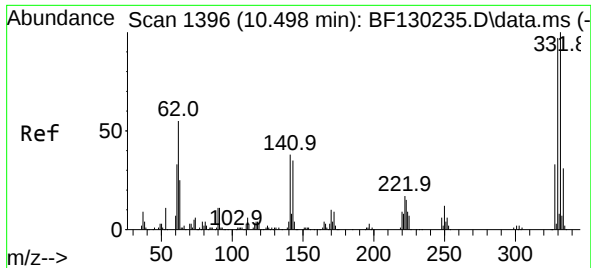
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

Tgt Ion:164 Resp: 145960
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 45.2 36.2 54.4





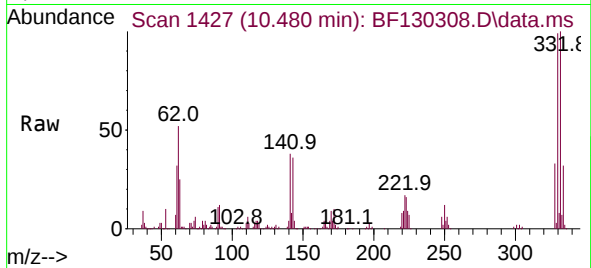
#42
2,4,6-Tribromophenol
Concen: 93.783 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

Instrument :

BNA_F

ClientSampleId :

CAR-1948

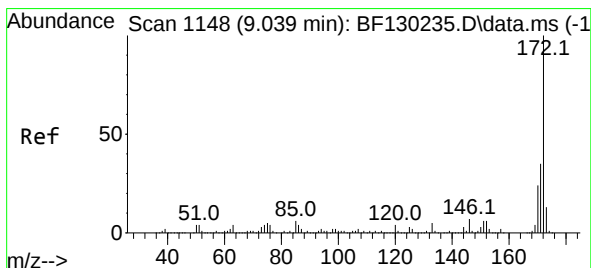
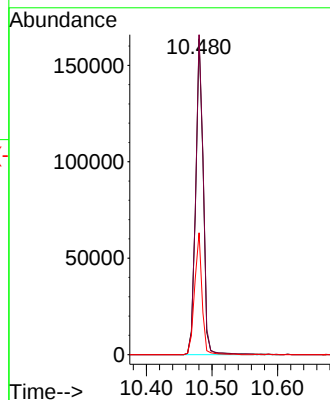


Tgt Ion:330 Resp: 131162
Ion Ratio Lower Upper
330 100
332 101.0 83.4 125.2
141 37.6 34.0 51.0

Manual Integrations

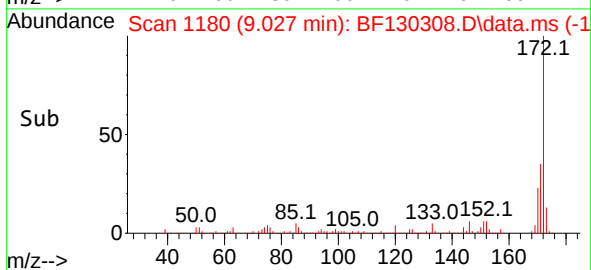
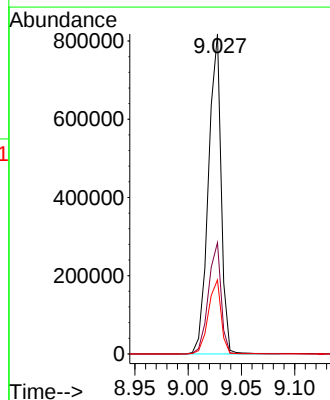
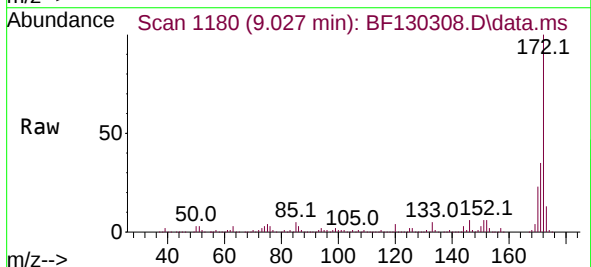
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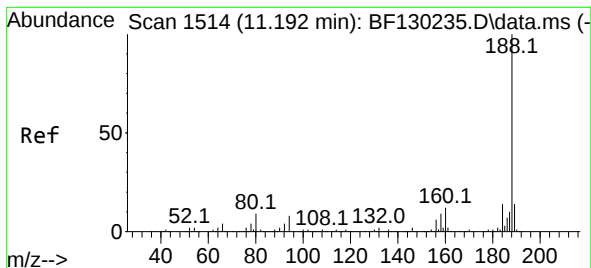
Reviewed By :Christian Giraldo 09/19/2022
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#45
2-Fluorobiphenyl
Concen: 67.567 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

Tgt Ion:172 Resp: 677256
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.174 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130308.D

Acq: 17 Sep 2022 00:36

Instrument :

BNA_F

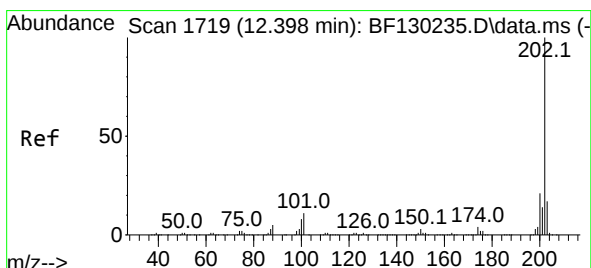
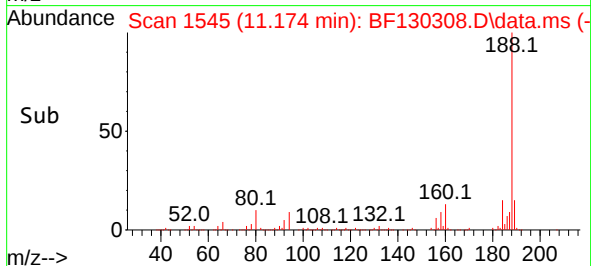
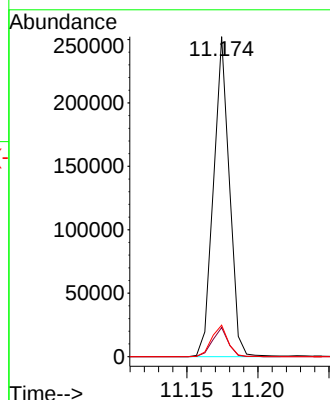
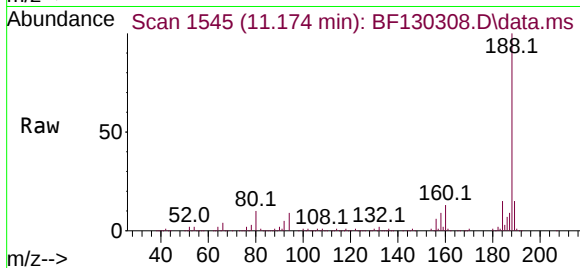
ClientSampleId :

CAR-1948

Tgt Ion:188	Resp: 19681
Ion Ratio	Lower Upper
188 100	
94 9.1	7.4 11.2
80 9.8	7.9 11.9

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#75

Fluoranthene

Concen: 3.192 ng

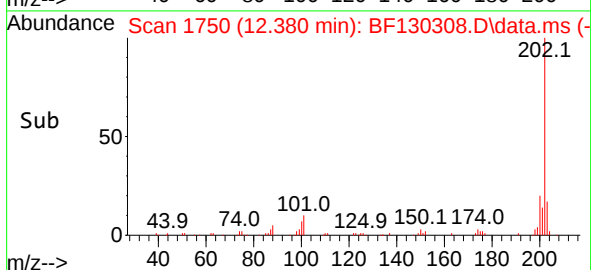
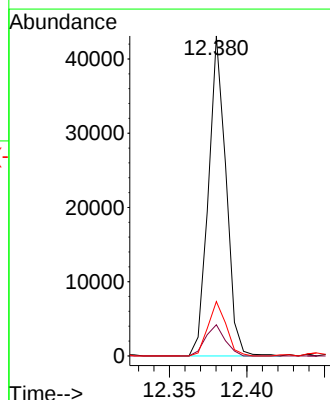
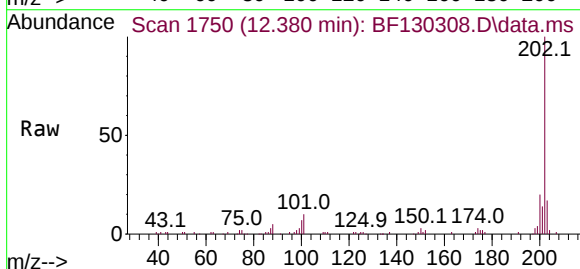
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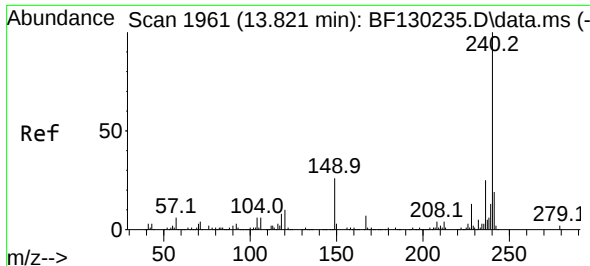
Delta R.T. -0.012 min

Lab File: BF130308.D

Acq: 17 Sep 2022 00:36

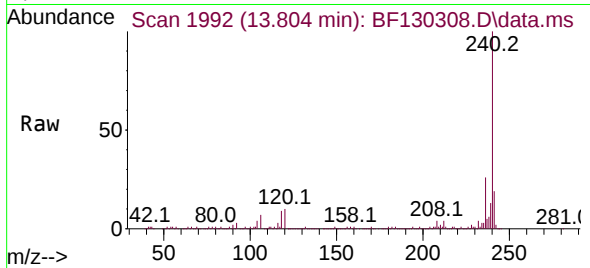
Tgt Ion:202	Resp: 34086
Ion Ratio	Lower Upper
202 100	
101 9.7	0.0 31.8
203 17.0	0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

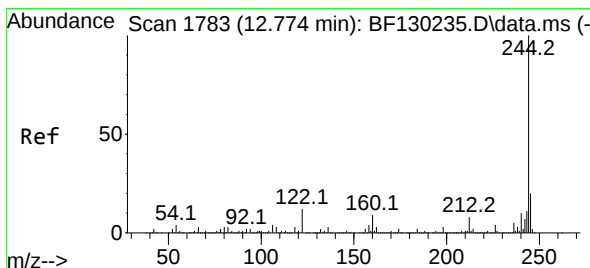
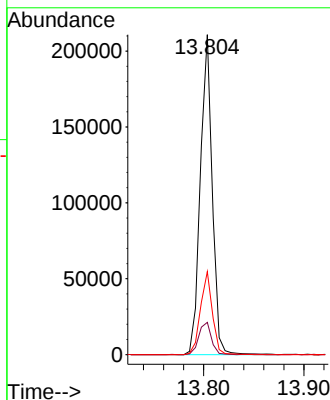
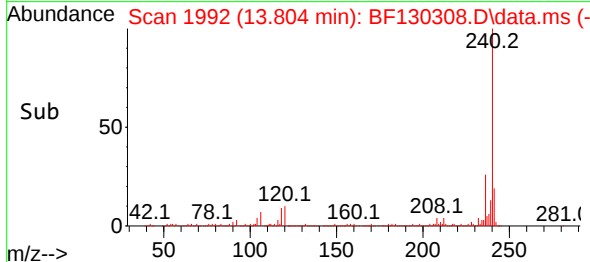
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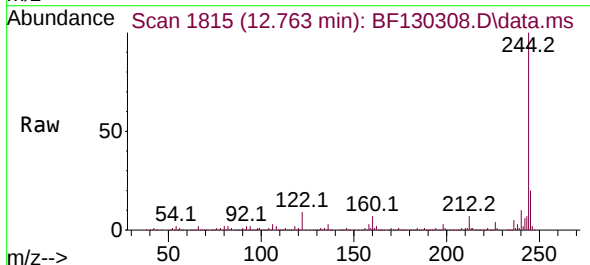
Tgt Ion:240 Resp: 172976
Ion Ratio Lower Upper
240 100
120 10.1 8.7 13.1
236 25.9 20.9 31.3

Manual Integrations
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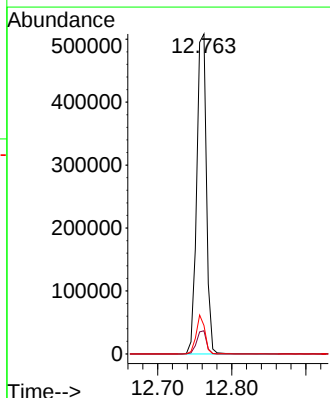
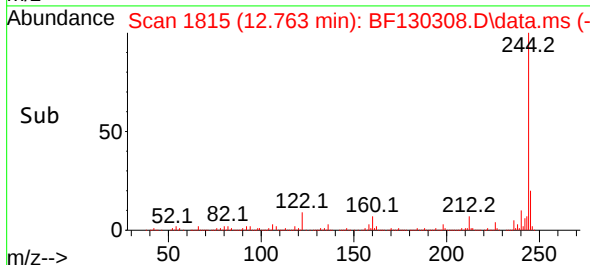
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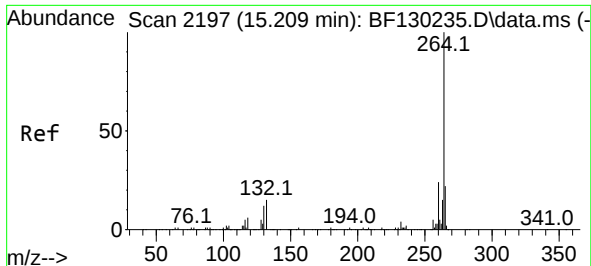


#79
Terphenyl-d14
Concen: 44.504 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36



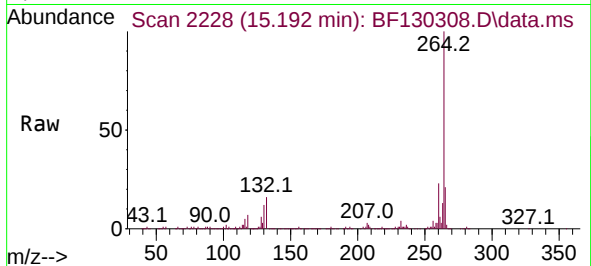
Tgt Ion:244 Resp: 464726
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.9 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36

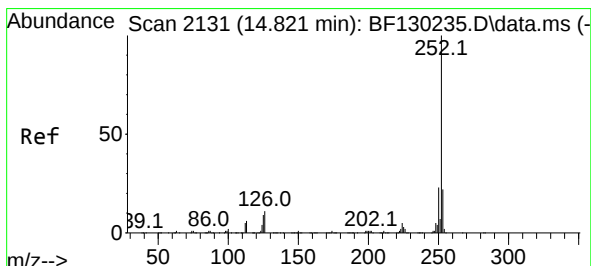
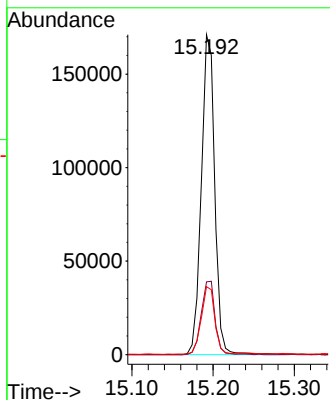
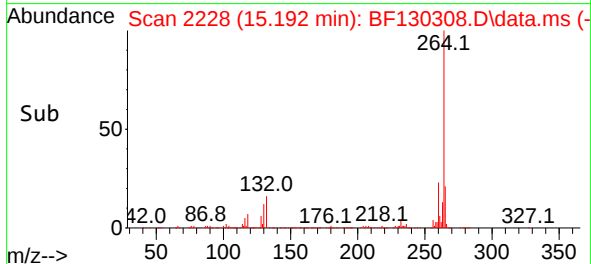
Instrument :
BNA_F
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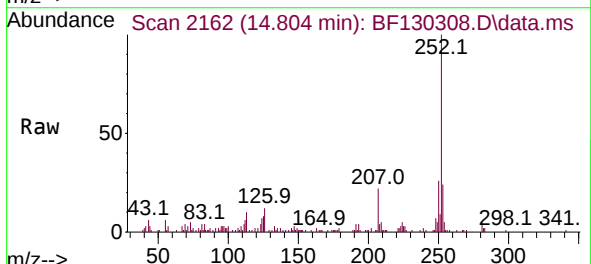
Tgt Ion:264 Resp: 196101
Ion Ratio Lower Upper
264 100
260 22.8 19.3 28.9
265 21.2 17.0 25.4

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#88
Benzo(b)fluoranthene
Concen: 2.342 ng m
RT: 14.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BF130308.D
Acq: 17 Sep 2022 00:36



Tgt Ion:252 Resp: 29981
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 8.2 8.1 12.1

