

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139908.D
 Acq On : 21 Oct 2024 17:39
 Operator : RC/JU
 Sample : P4395-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDRE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 18:09:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	157913	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	535239	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	246201	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	428423	20.000	ng	0.00
76) Chrysene-d12	14.051	240	301154	20.000	ng	0.00
86) Perylene-d12	15.533	264	256782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	895150	88.742	ng	0.00
7) Phenol-d6	6.504	99	1069336	81.851	ng	0.00
23) Nitrobenzene-d5	7.445	82	639882	66.259	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	199790	86.756	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	916208	61.503	ng	0.00
79) Terphenyl-d14	12.998	244	872137	47.189	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	46914	2.318	ng	97
75) Fluoranthene	12.627	202	114575	5.601	ng	99
78) Pyrene	12.857	202	125551	4.763	ng	97
81) Benzo(a)anthracene	14.045	228	60652	3.094	ng	# 81
83) Chrysene	14.074	228	60029	3.340	ng	# 82
84) Bis(2-ethylhexyl)phtha...	14.033	149	20323	2.292	ng	# 91
88) Benzo(b)fluoranthene	15.098	252	58006m	3.708	ng	
90) Benzo(a)pyrene	15.468	252	37680	2.928	ng	# 83

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

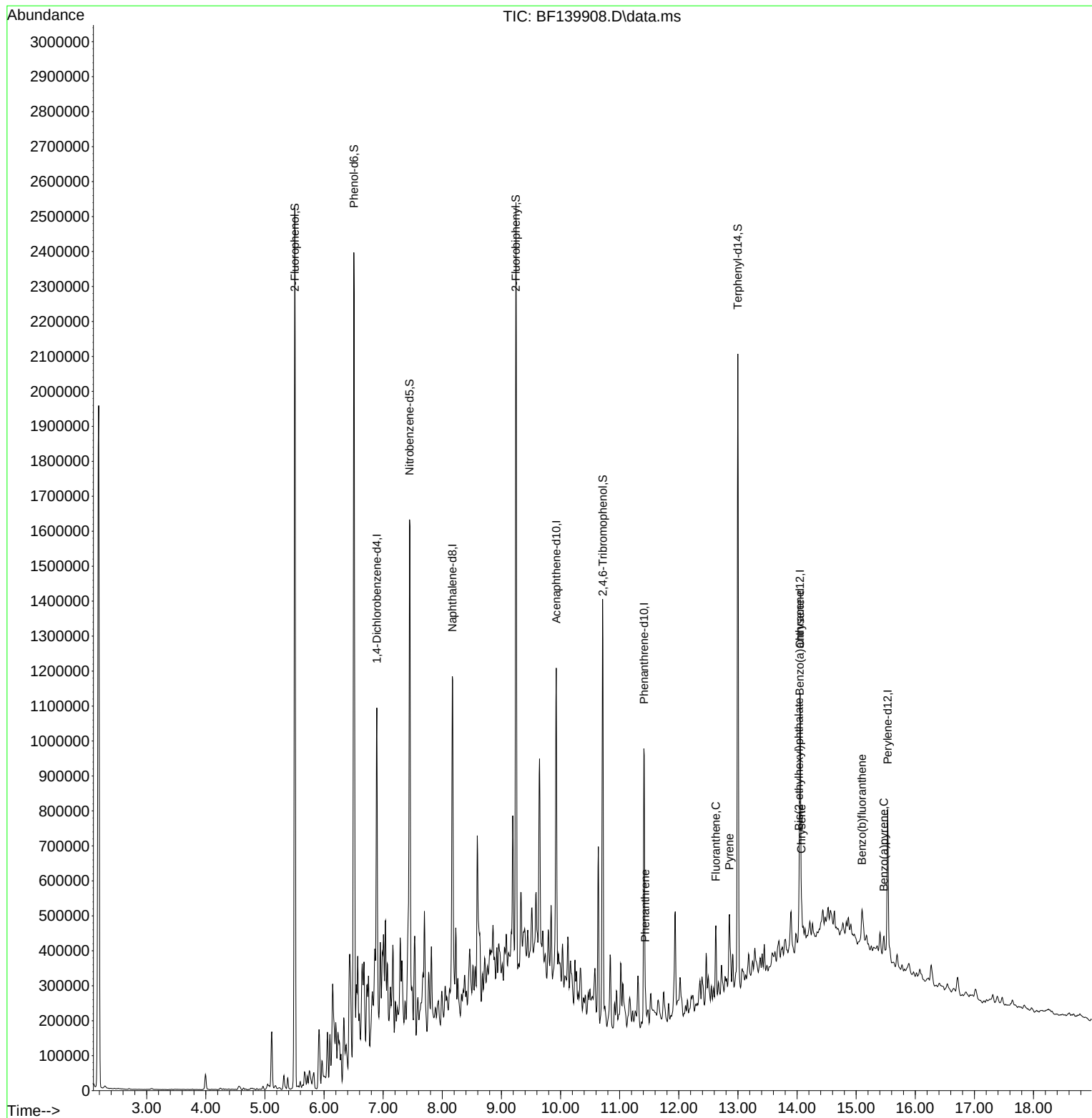
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139908.D
Acq On : 21 Oct 2024 17:39
Operator : RC/JU
Sample : P4395-01RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

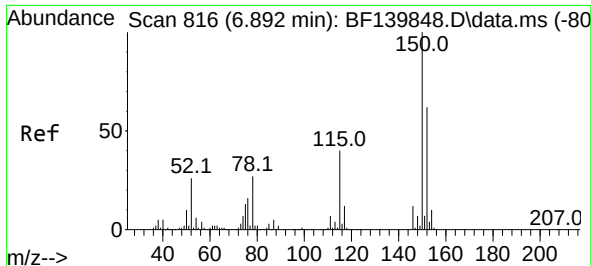
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDRE

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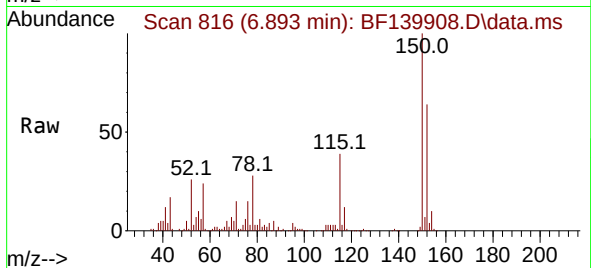
Quant Time: Oct 21 18:09:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

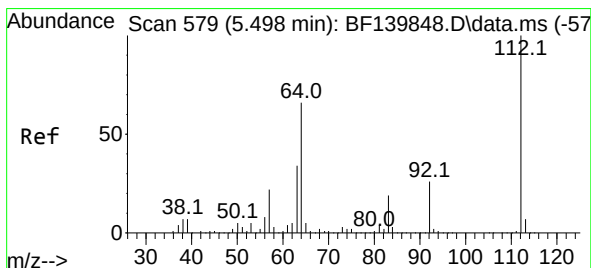
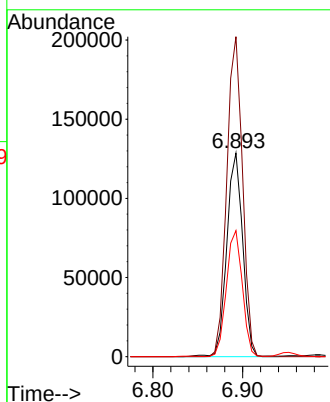
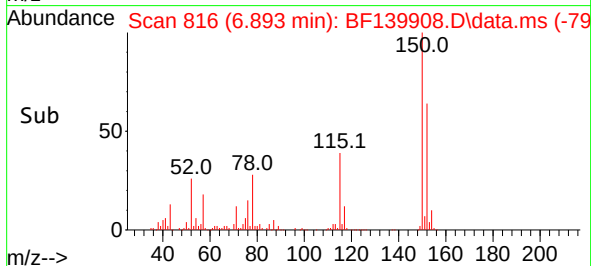
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDRE



Tgt Ion:152 Resp: 15791
Ion Ratio Lower Upper
152 100
150 157.3 130.2 195.2
115 62.0 51.4 77.2

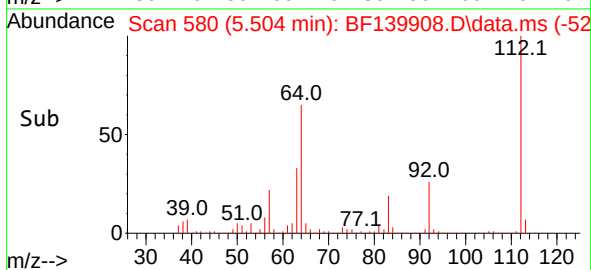
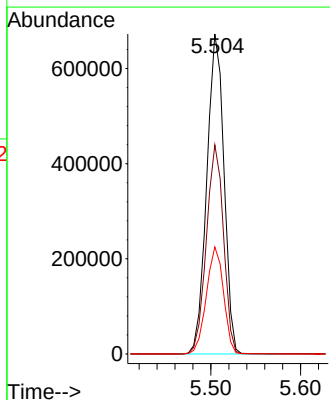
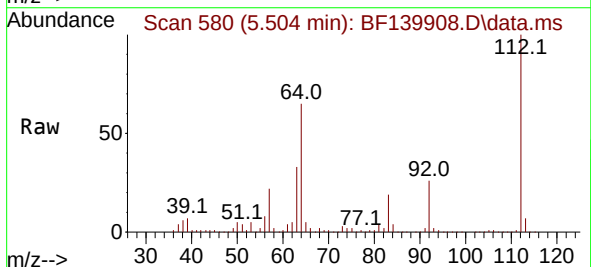
Manual Integrations
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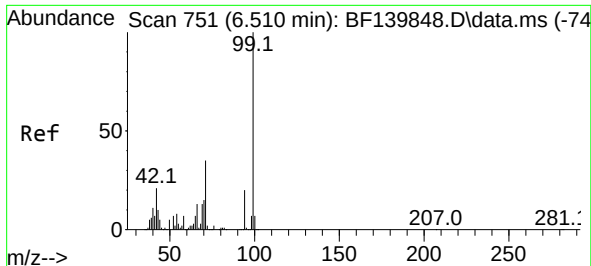
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#5
2-Fluorophenol
Concen: 88.742 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

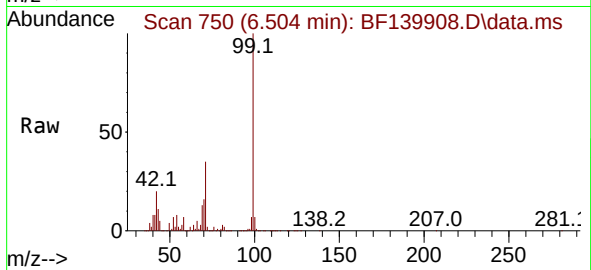
Tgt Ion:112 Resp: 895150
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 33.5 27.0 40.4





#7
Phenol-d6
Concen: 81.851 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

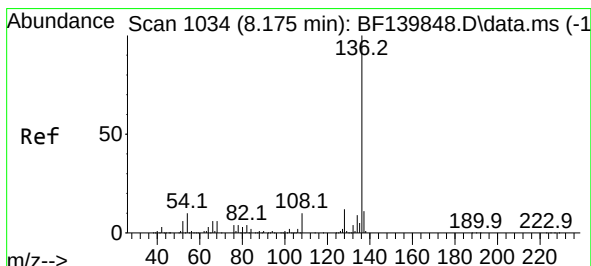
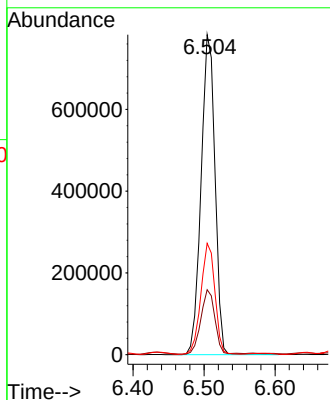
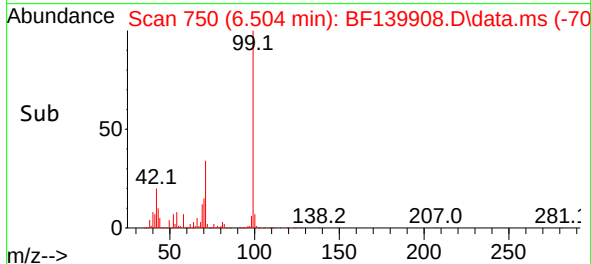
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDRE



Tgt Ion: 99 Resp: 1069330
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 34.8 27.7 41.5

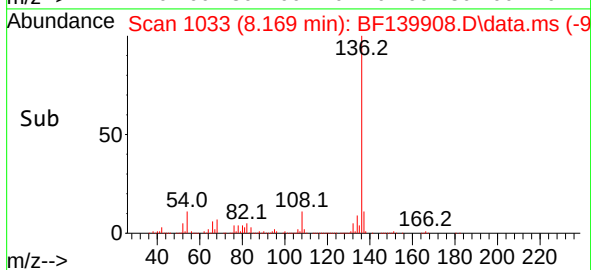
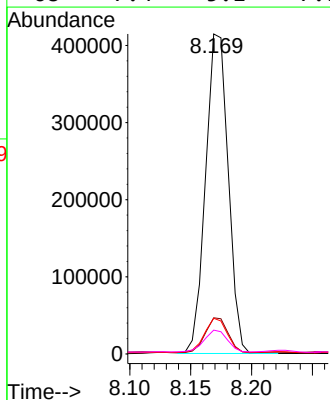
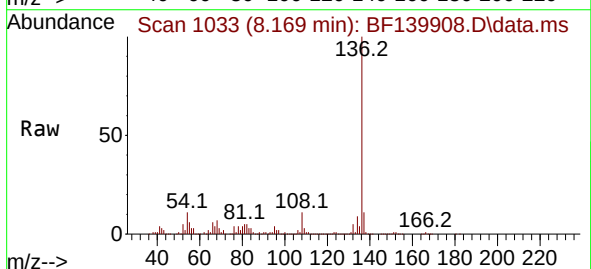
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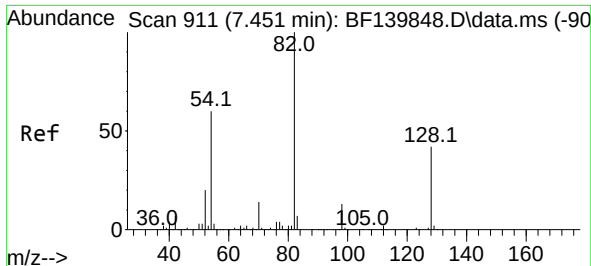
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

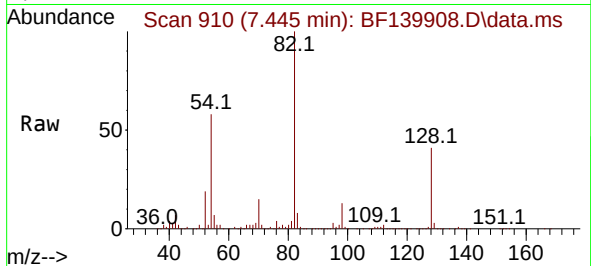
Tgt Ion:136 Resp: 535239
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 11.1 8.4 12.6
68 7.4 5.1 7.7





#23
Nitrobenzene-d5
Concen: 66.259 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

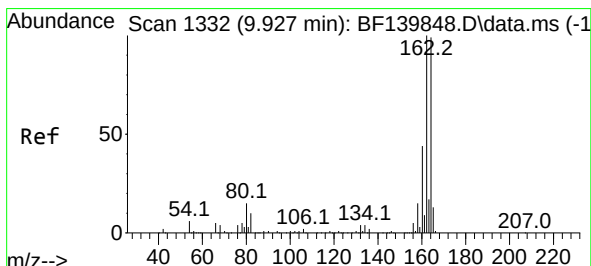
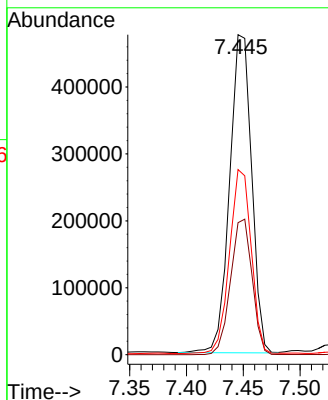
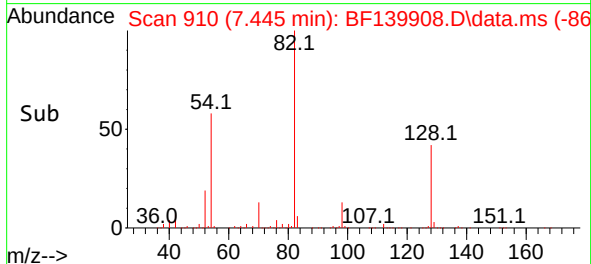
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 82 Resp: 63988
Ion Ratio Lower Upper
82 100
128 41.3 33.4 50.0
54 57.8 47.8 71.8

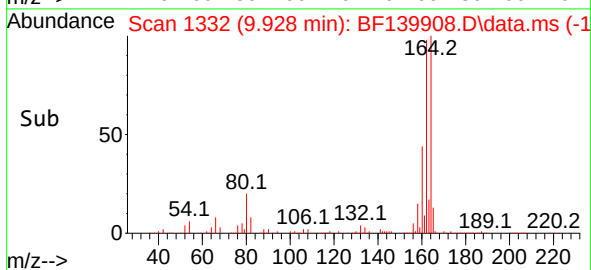
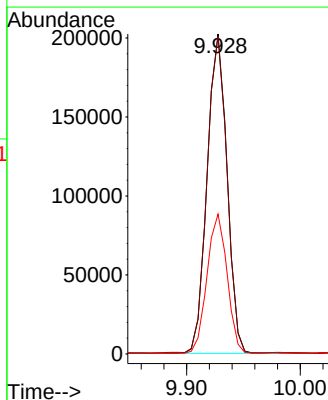
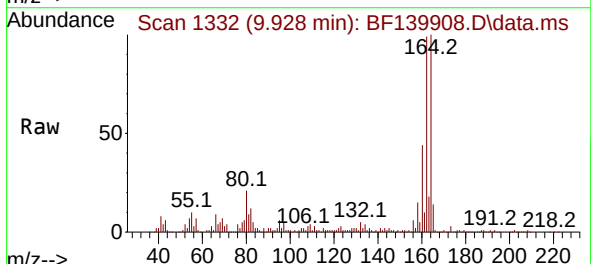
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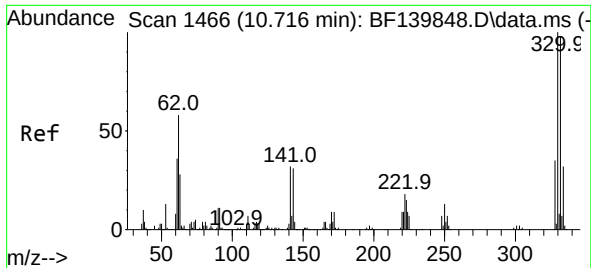
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

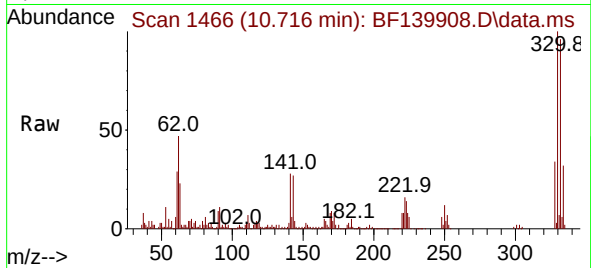
Tgt Ion:164 Resp: 246201
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.4
160 43.7 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 86.756 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

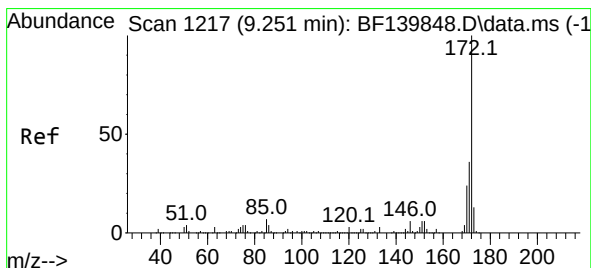
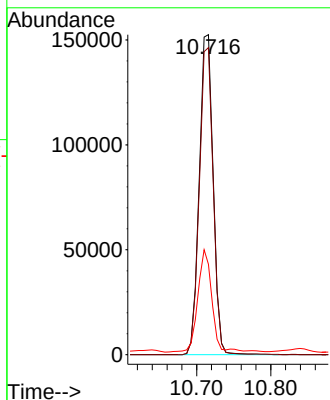
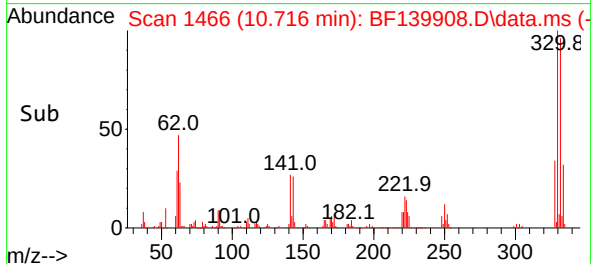
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDRE



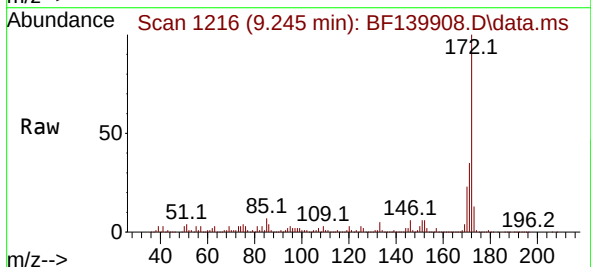
Tgt Ion:330 Resp: 199790
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 31.3 26.6 39.8

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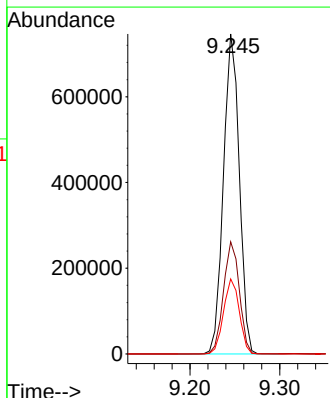
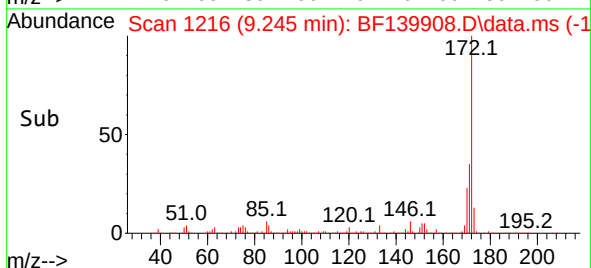
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

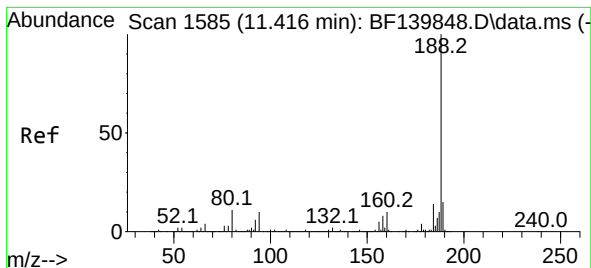


#45
2-Fluorobiphenyl
Concen: 61.503 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39



Tgt Ion:172 Resp: 916208
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139908.D

Acq: 21 Oct 2024 17:39

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDRE

Tgt Ion:188 Resp: 42842

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

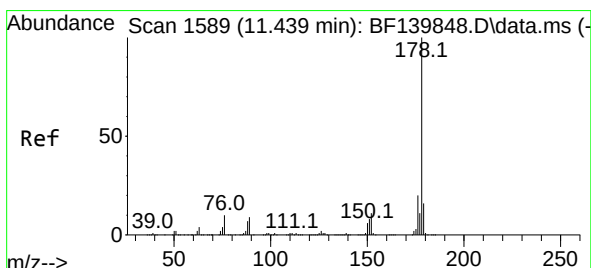
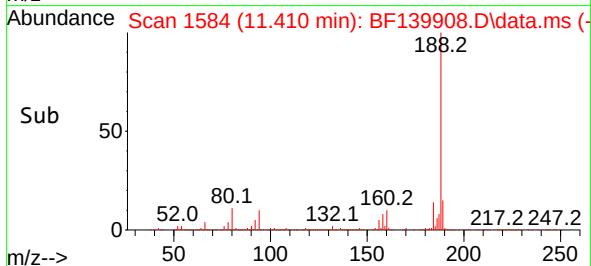
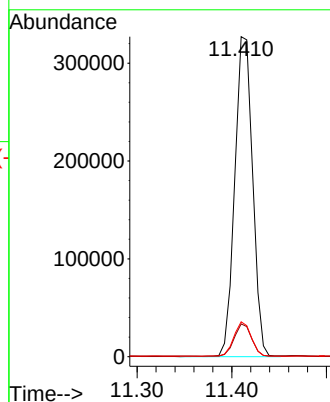
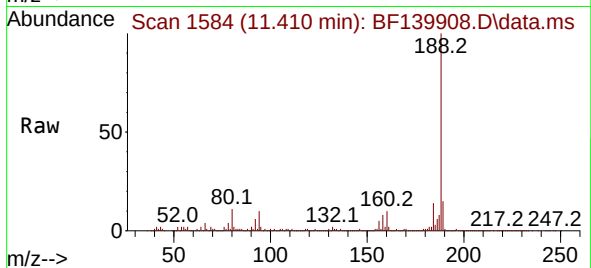
80 10.9 9.0 13.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#71

Phenanthrene

Concen: 2.318 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF139908.D

Acq: 21 Oct 2024 17:39

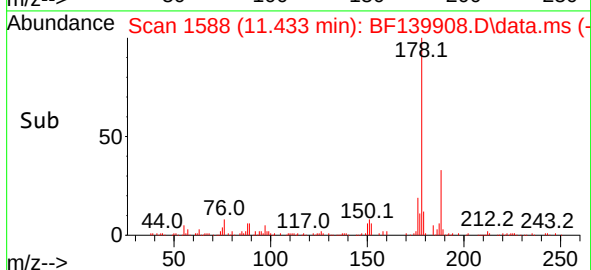
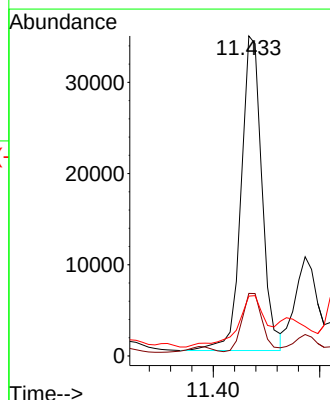
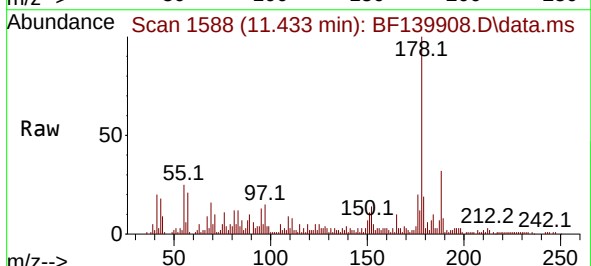
Tgt Ion:178 Resp: 46914

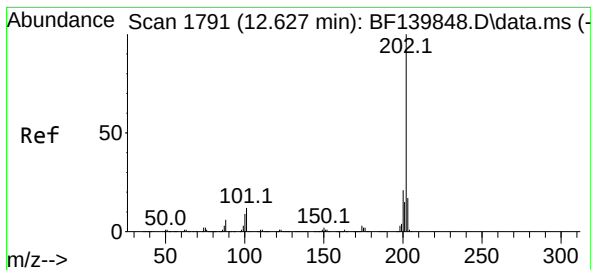
Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

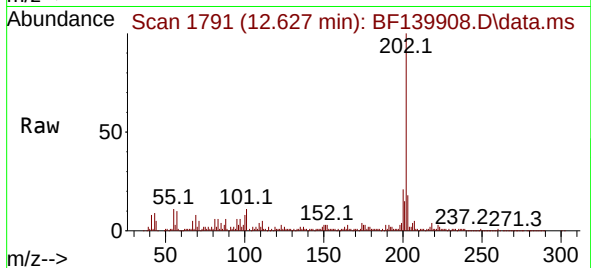
179 18.7 12.6 18.8





#75
Fluoranthene
Concen: 5.601 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

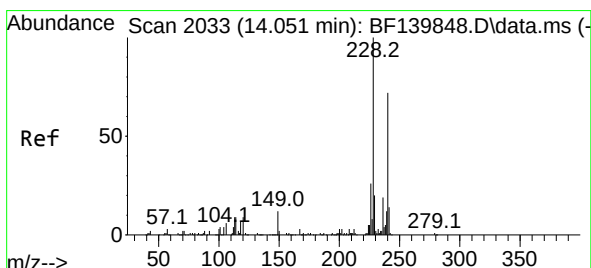
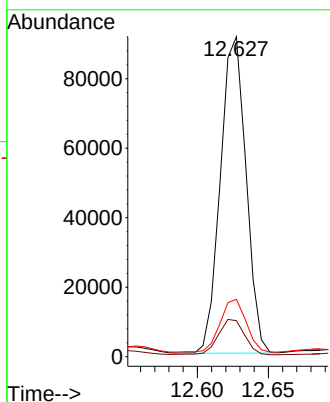
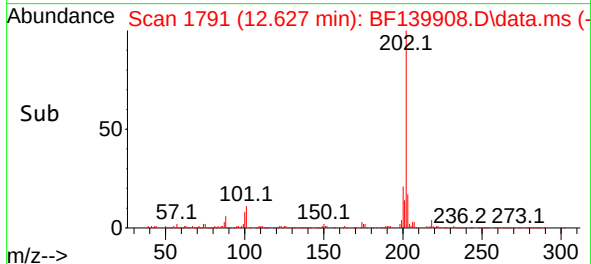
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDRE



Tgt Ion:202 Resp: 11457
Ion Ratio Lower Upper
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101 11.2 0.0 31.9
203 17.9 0.0 37.5

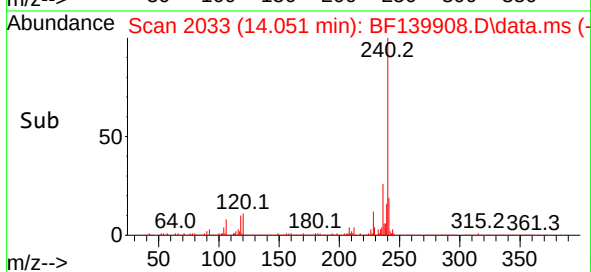
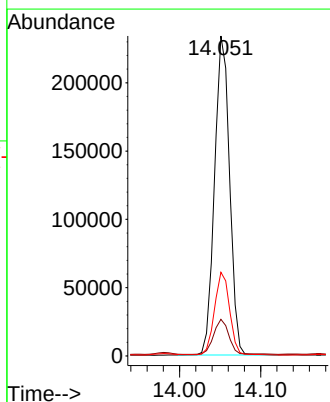
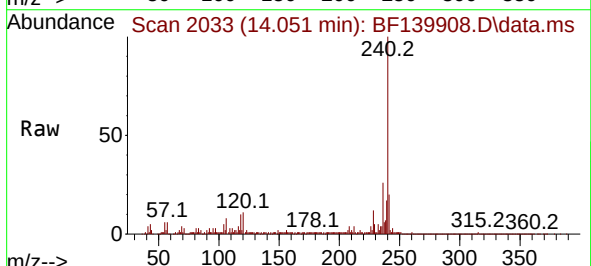
Manual Integrations
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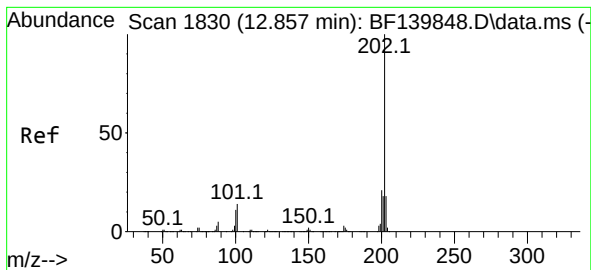
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

Tgt Ion:240 Resp: 301154
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 26.1 20.9 31.3





#78

Pyrene

Concen: 4.763 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139908.D

Acq: 21 Oct 2024 17:39

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDRE

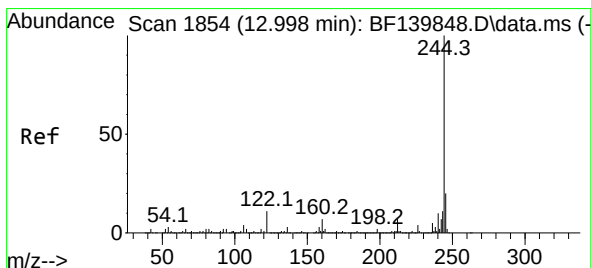
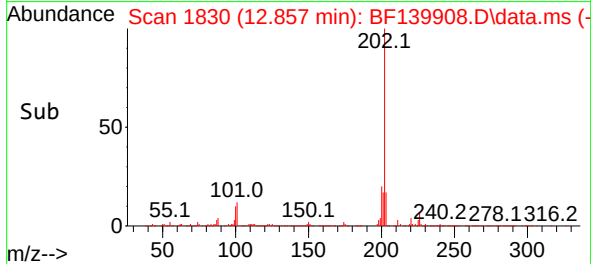
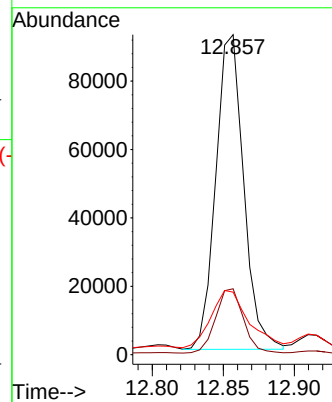
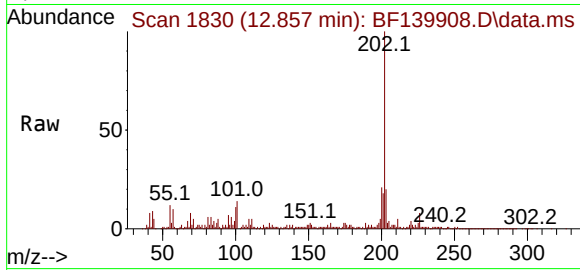
Tgt Ion:	202	Resp:	12555
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.2	25.8
203	19.5	14.2	21.4

Manual Integrations

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Supervised By :mohammad ahmed 10/23/2024



#79

Terphenyl-d14

Concen: 47.189 ng

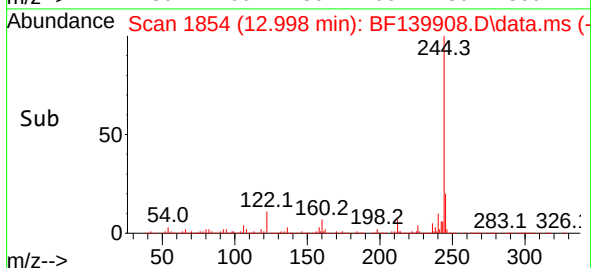
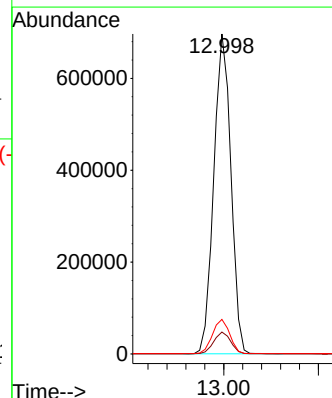
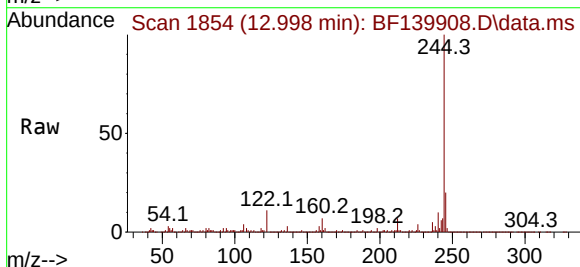
RT: 12.998 min Scan# 1854

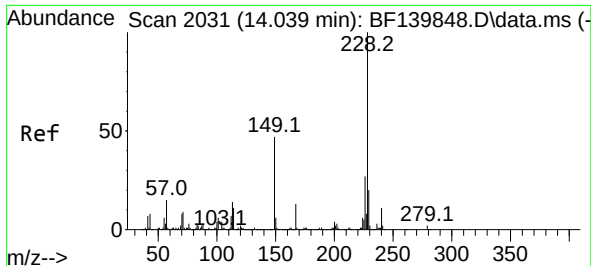
Delta R.T. 0.000 min

Lab File: BF139908.D

Acq: 21 Oct 2024 17:39

Tgt Ion:	244	Resp:	872137
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	10.8	8.6	13.0





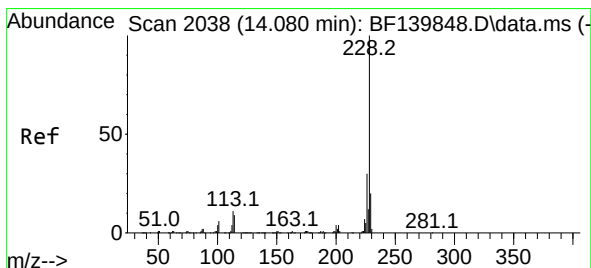
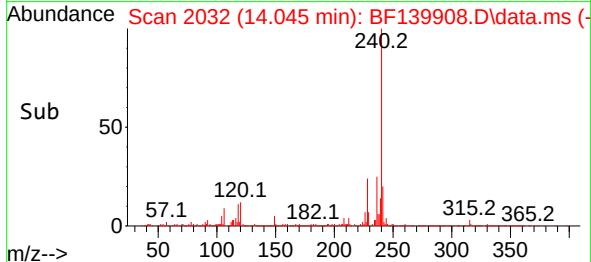
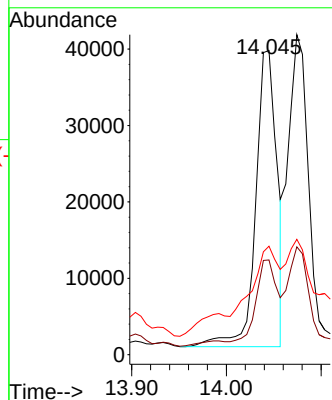
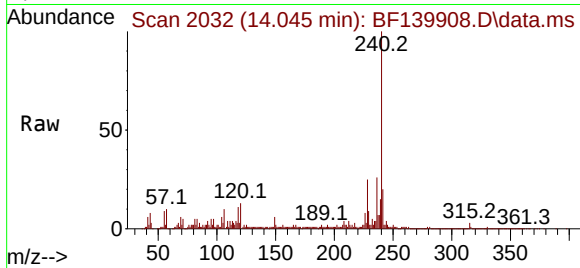
#81
Benzo(a)anthracene
Concen: 3.094 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDRE

Tgt Ion:228 Resp: 60652
Ion Ratio Lower Upper
228 100
226 31.2 21.6 32.4
229 35.7 16.1 24.1

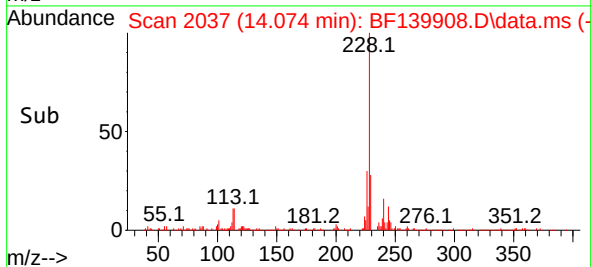
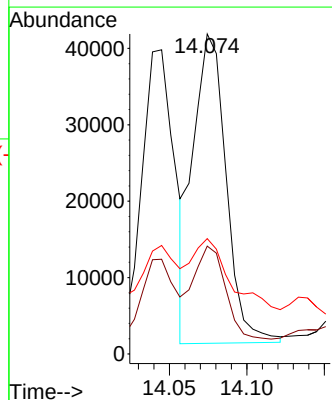
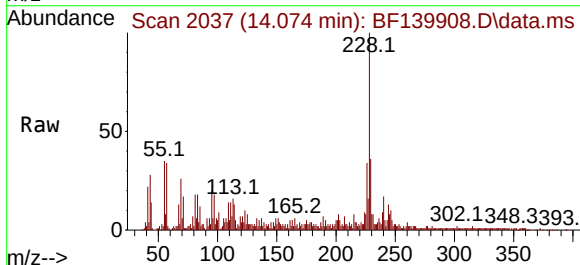
Manual Integrations
APPROVED

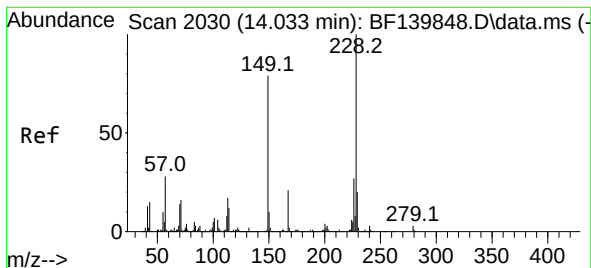
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#83
Chrysene
Concen: 3.340 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

Tgt Ion:228 Resp: 60029
Ion Ratio Lower Upper
228 100
226 33.7 24.1 36.1
229 36.0 15.8 23.6





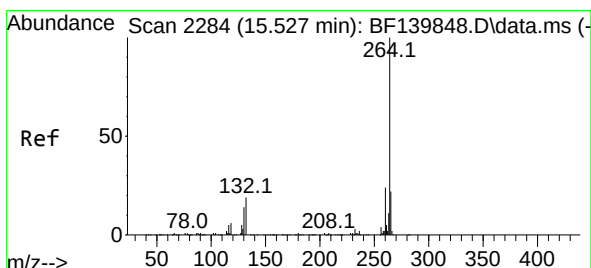
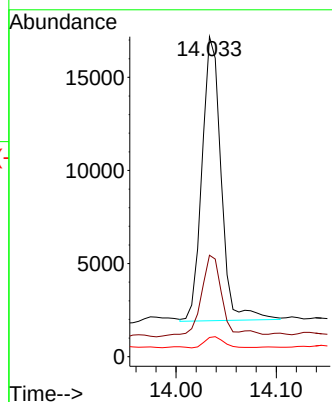
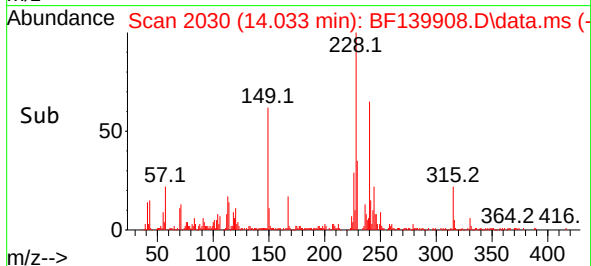
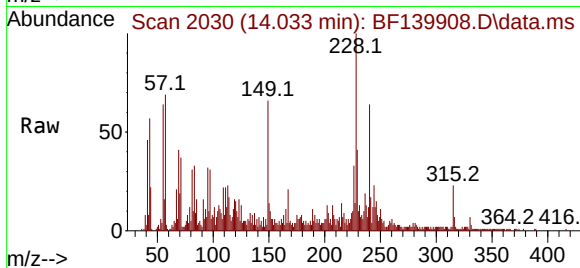
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.292 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDRE

Tgt Ion:149 Resp: 2032
Ion Ratio Lower Upper
149 100
167 31.7 21.4 32.0
279 6.0 3.0 4.4

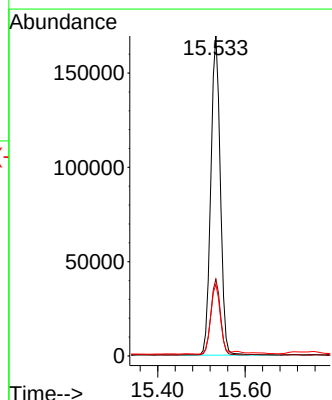
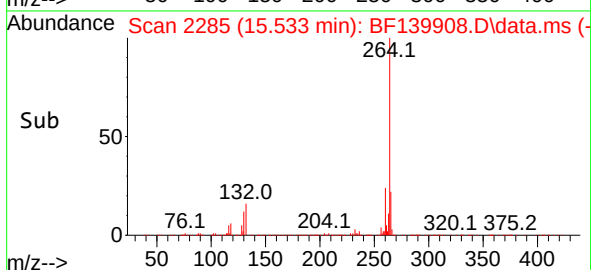
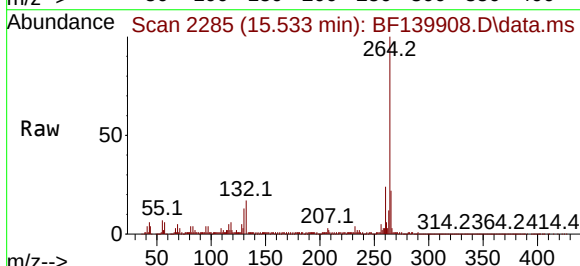
Manual Integrations
APPROVED

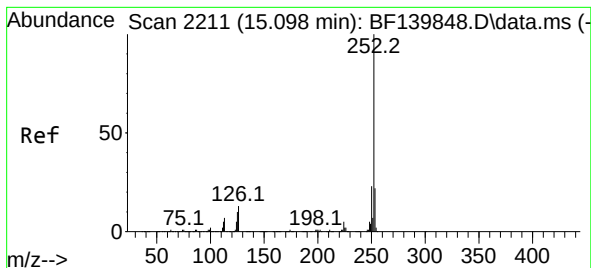
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139908.D
Acq: 21 Oct 2024 17:39

Tgt Ion:264 Resp: 256782
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.3 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 3.708 ng m

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139908.D

Acq: 21 Oct 2024 17:39

Instrument :

BNF

ClientSampleId :

F05308-SOLIDRE

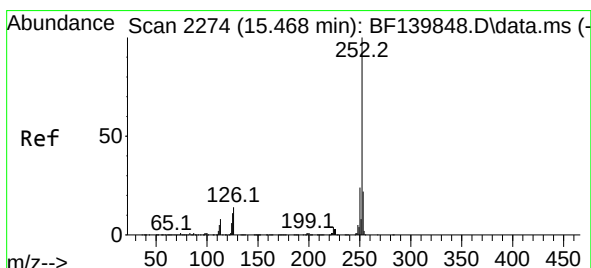
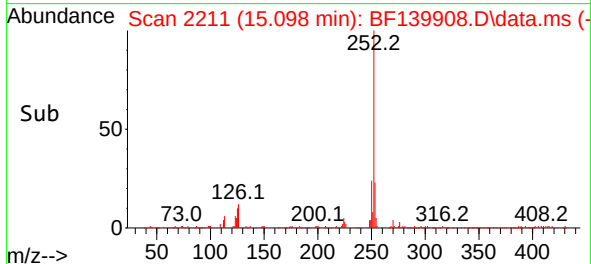
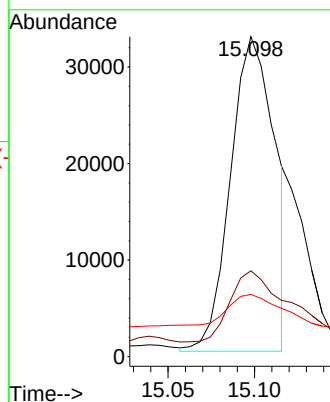
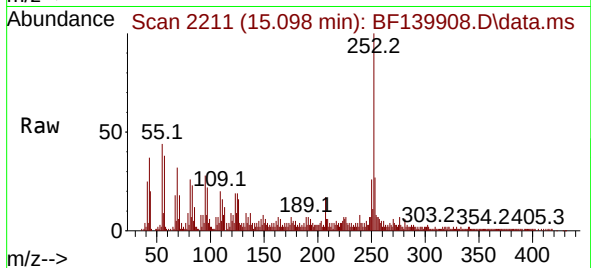
Tgt Ion:252 Resp: 58000
 Ion Ratio Lower Upper
 252 100
 253 26.9 17.6 26.4#
 125 19.5 7.9 11.9#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#90

Benzo(a)pyrene

Concen: 2.928 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139908.D

Acq: 21 Oct 2024 17:39

Tgt Ion:252 Resp: 37680
 Ion Ratio Lower Upper
 252 100
 253 27.7 17.3 25.9#
 125 20.4 8.7 13.1#

