

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139332.D
 Acq On : 11 Sep 2024 18:12
 Operator : RC/JU
 Sample : P3929-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 05:14:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63238	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	236194	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	193238	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	276297	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	187453	20.000	ng	-0.01
86) Perylene-d12	15.515	264	151491	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	448096	118.537	ng	0.00
7) Phenol-d6	6.510	99	596134	118.128	ng	0.00
23) Nitrobenzene-d5	7.445	82	402152	88.576	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	186029	111.485	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	738896	59.025	ng	-0.01
79) Terphenyl-d14	12.992	244	750722	64.662	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	31705	2.456	ng	98
72) Anthracene	11.480	178	28704	2.277	ng	99
75) Fluoranthene	12.616	202	214182	16.552	ng	98
78) Pyrene	12.845	202	129937	7.176	ng	99
81) Benzo(a)anthracene	14.033	228	60104	5.021	ng	98
83) Chrysene	14.068	228	77707	6.956	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	35117	7.019	ng	97
88) Benzo(b)fluoranthene	15.080	252	36274m	4.158	ng	
90) Benzo(a)pyrene	15.445	252	19608	2.647	ng	# 97

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

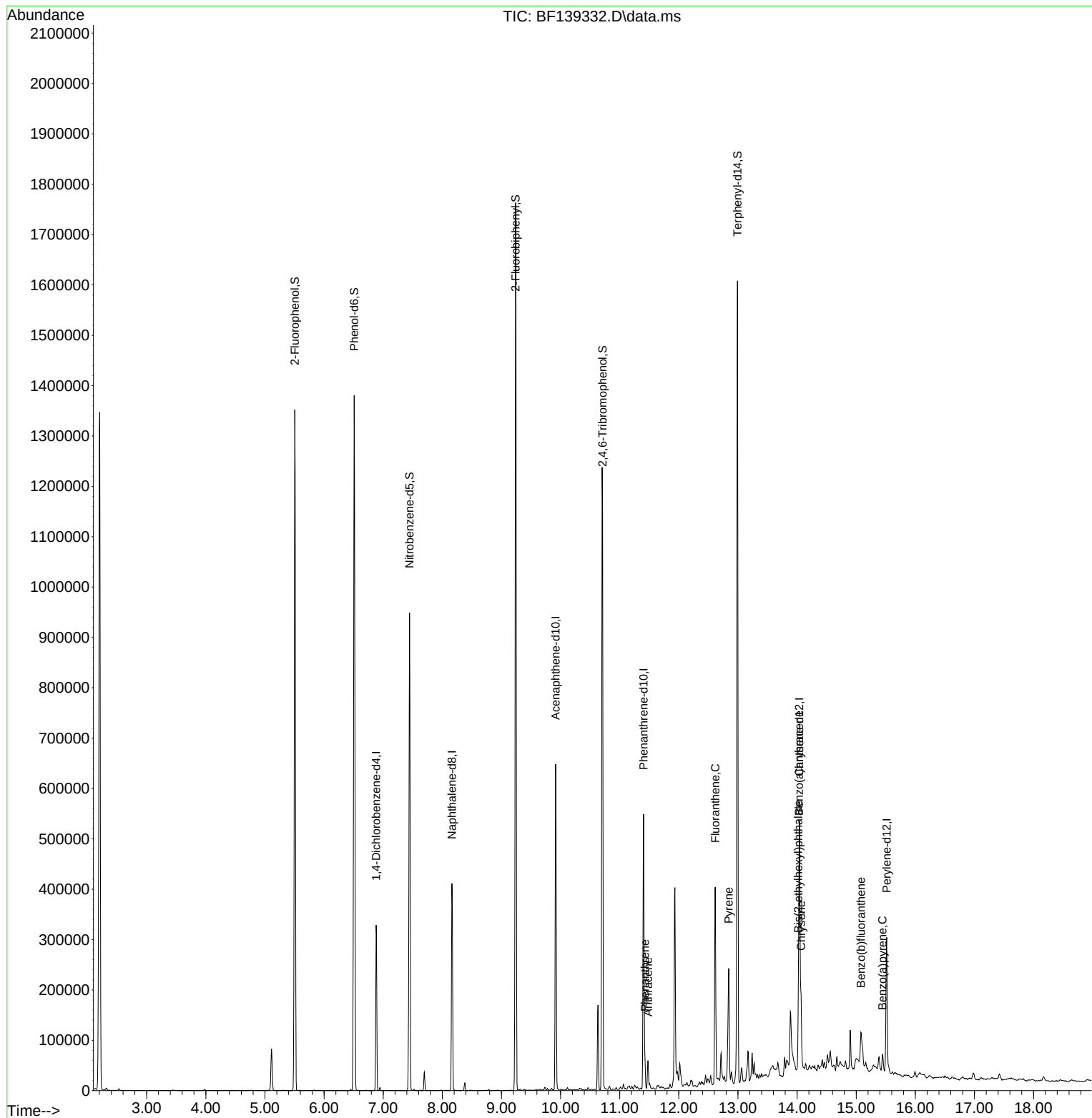
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139332.D
Acq On : 11 Sep 2024 18:12
Operator : RC/JU
Sample : P3929-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

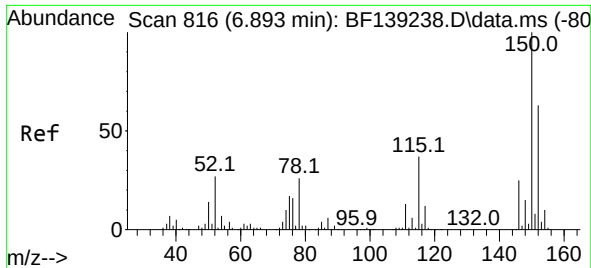
Instrument :
BNA_F
ClientSampleId :
72-11930

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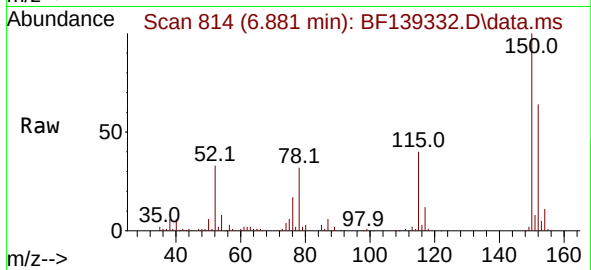
Quant Time: Sep 12 05:14:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

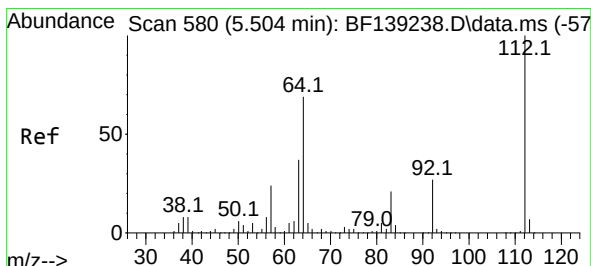
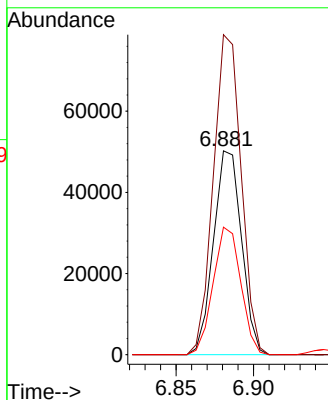
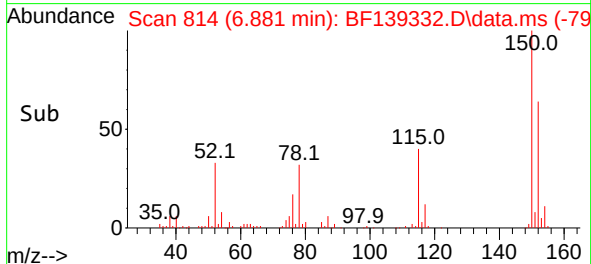
Instrument :
BNA_F
ClientSampleId :
72-11930



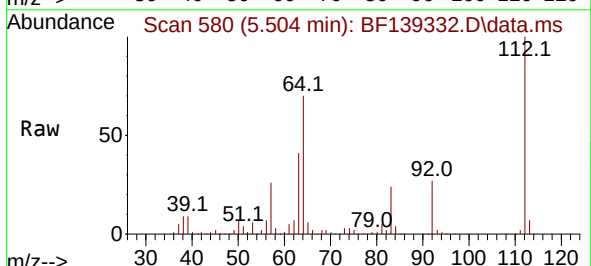
Tgt Ion:152 Resp: 63238
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.4
115 62.5 46.9 70.3

Manual Integrations
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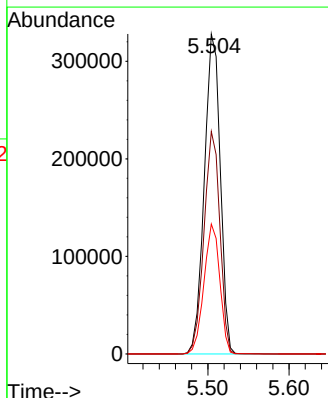
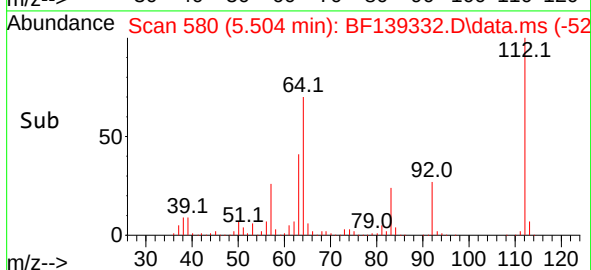
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

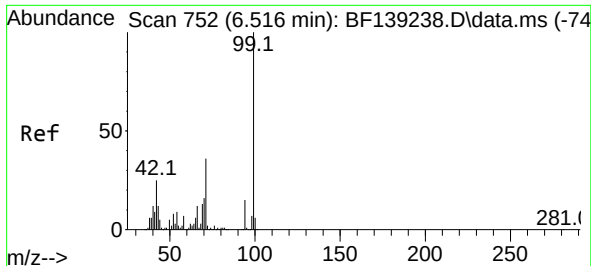


#5
2-Fluorophenol
Concen: 118.537 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12



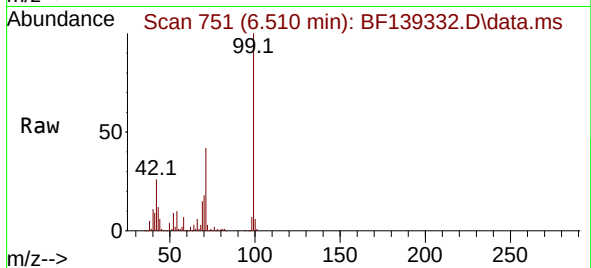
Tgt Ion:112 Resp: 448096
Ion Ratio Lower Upper
112 100
64 69.5 55.0 82.4
63 40.6 29.9 44.9





#7
Phenol-d6
Concen: 118.128 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

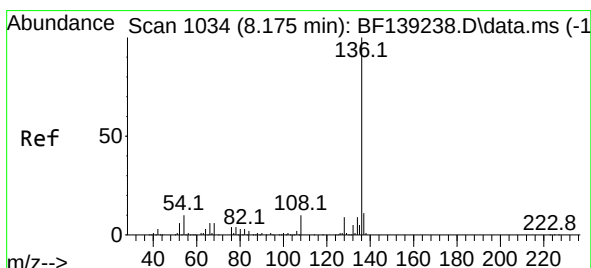
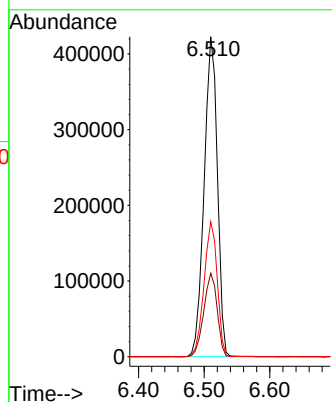
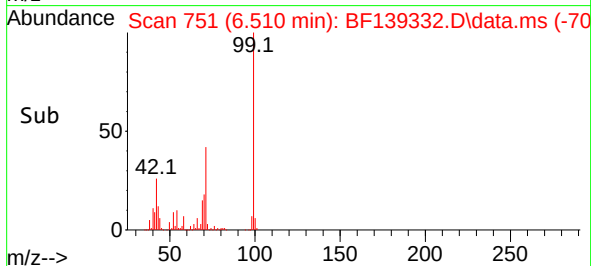
Instrument :
BNA_F
ClientSampleId :
72-11930



Tgt Ion: 99 Resp: 596134
Ion Ratio Lower Upper
99 100
42 26.0 19.8 29.6
71 42.1 28.8 43.2

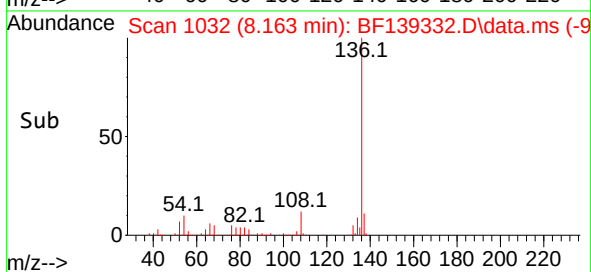
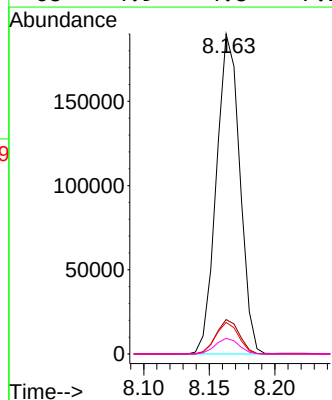
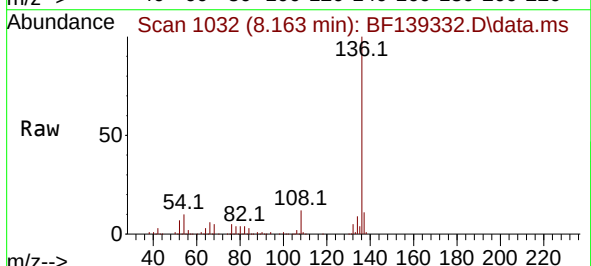
Manual Integrations
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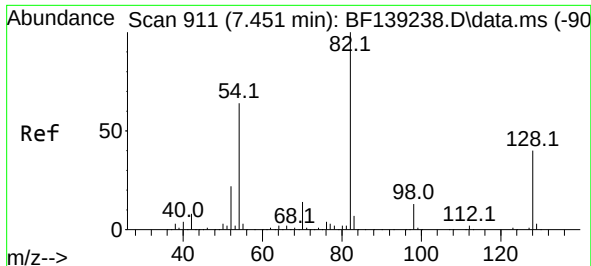
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

Tgt Ion:136 Resp: 236194
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 8.4 12.6
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 88.576 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139332.D

Acq: 11 Sep 2024 18:12

Instrument :

BNA_F

ClientSampleId :

72-11930

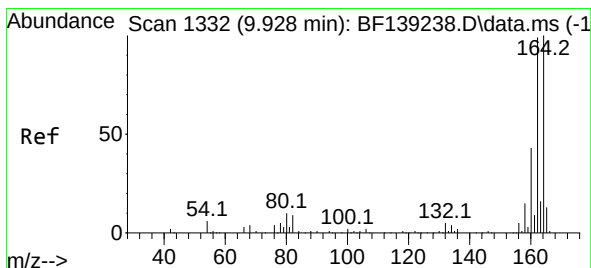
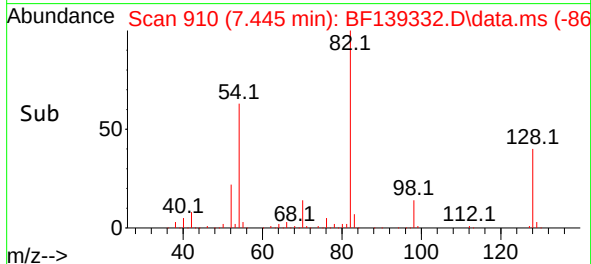
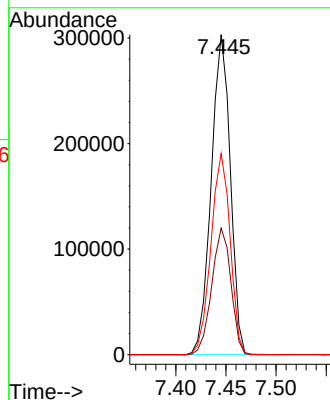
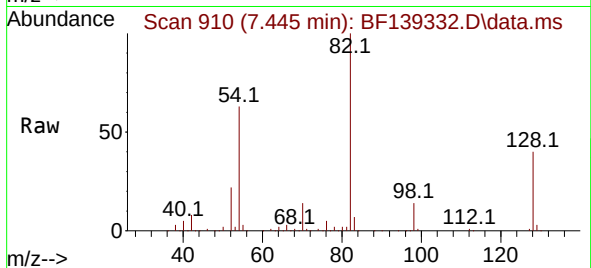
Tgt Ion: 82 Resp: 402152

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.3	48.5
54	62.9	51.2	76.8

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

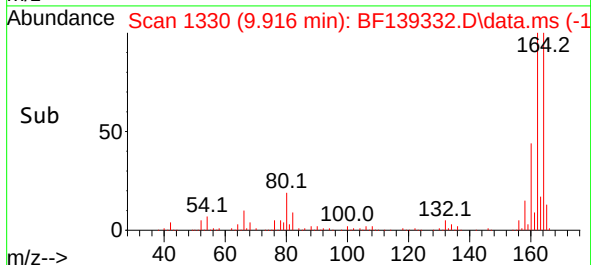
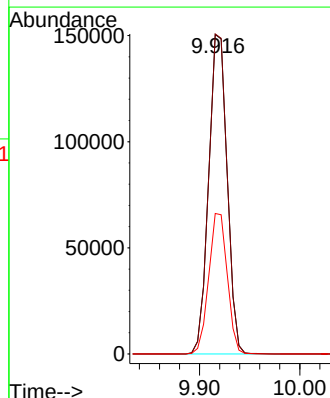
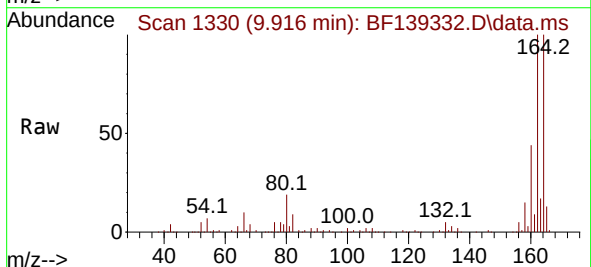
Delta R.T. -0.012 min

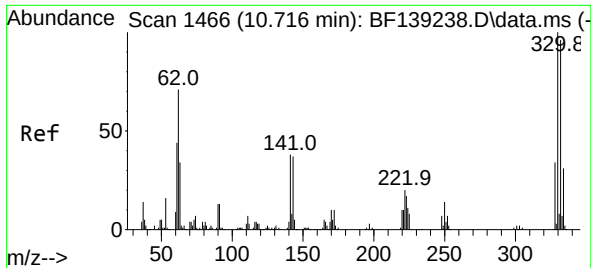
Lab File: BF139332.D

Acq: 11 Sep 2024 18:12

Tgt Ion:164 Resp: 193238

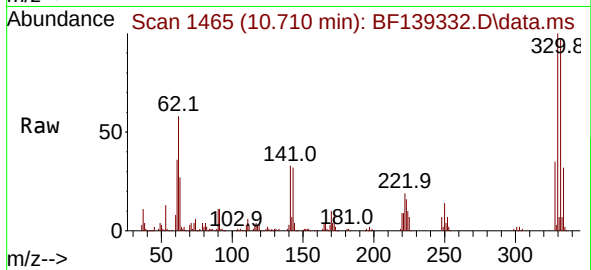
Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.2	118.8
160	44.0	34.2	51.2





#42
2,4,6-Tribromophenol
Concen: 111.485 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

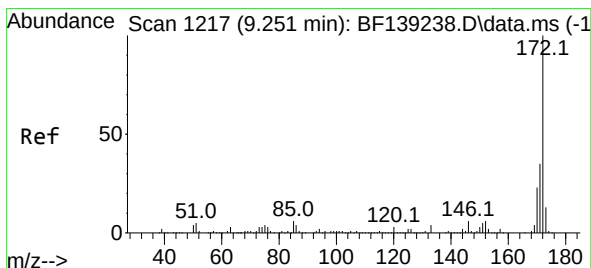
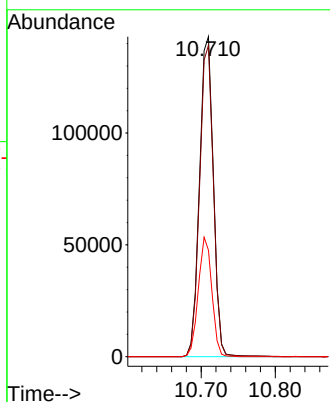
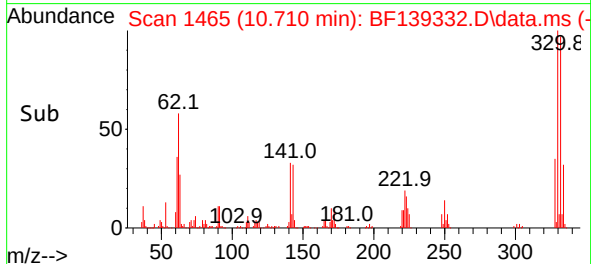
Instrument :
BNA_F
ClientSampleId :
72-11930



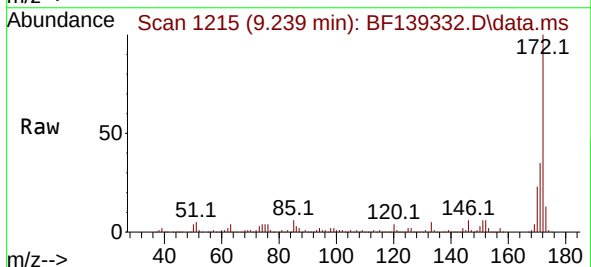
Tgt Ion: 330 Resp: 186029
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 36.3 30.1 45.1

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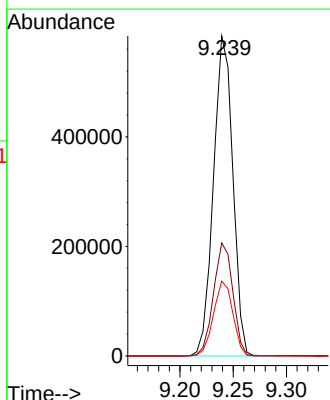
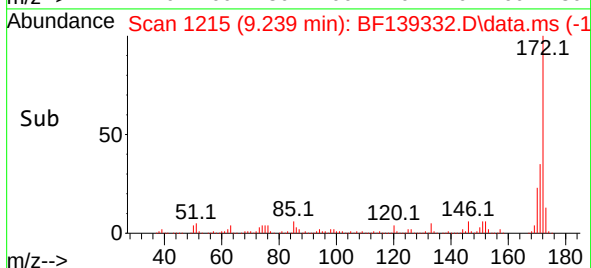
Reviewed By : Jagrut Upadhyay 09/12/2024
Supervised By : mohammad ahmed 09/13/2024

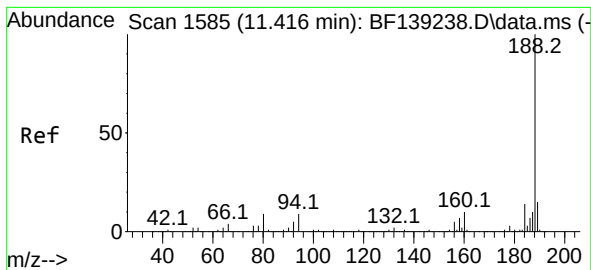


#45
2-Fluorobiphenyl
Concen: 59.025 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12



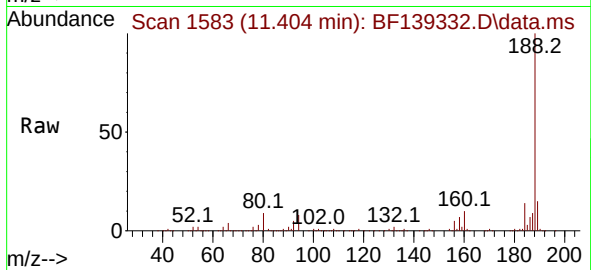
Tgt Ion: 172 Resp: 738896
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

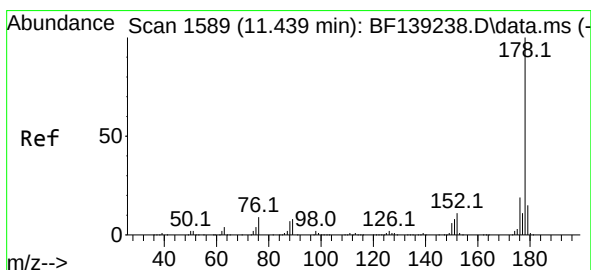
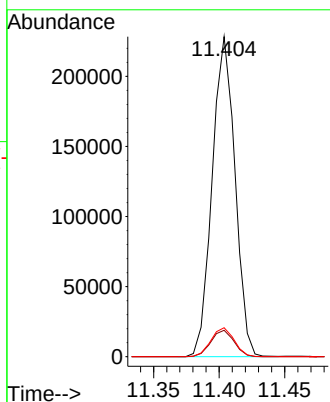
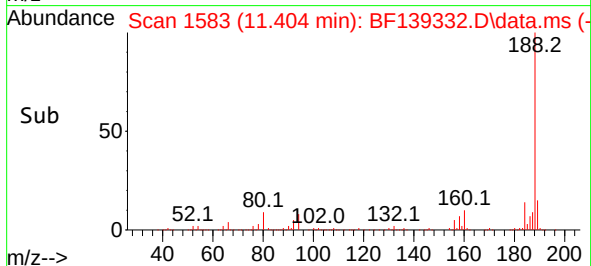
Instrument :
BNA_F
ClientSampleId :
72-11930



Tgt Ion:188 Resp: 27629
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.1 7.3 10.9

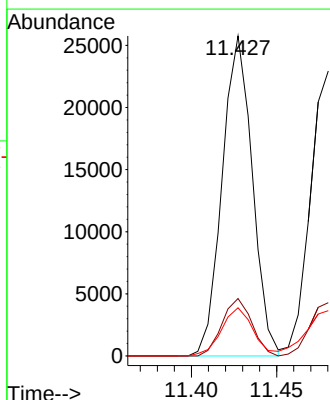
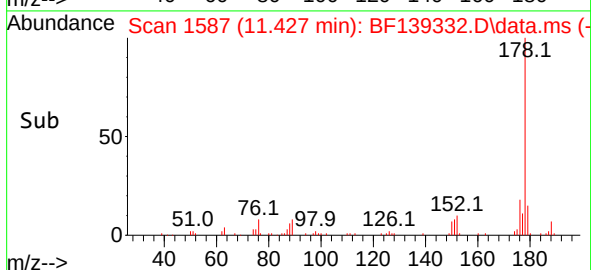
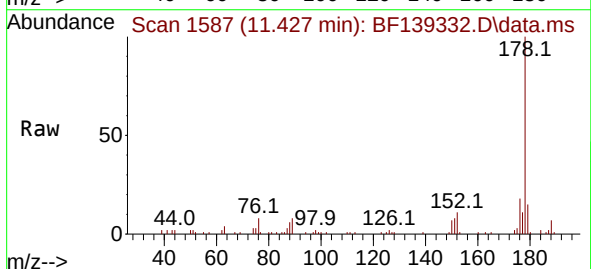
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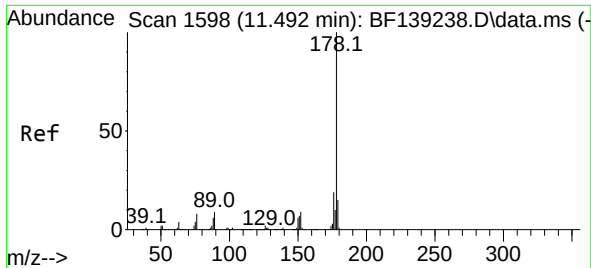
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71
Phenanthrene
Concen: 2.456 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

Tgt Ion:178 Resp: 31705
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 15.0 12.3 18.5





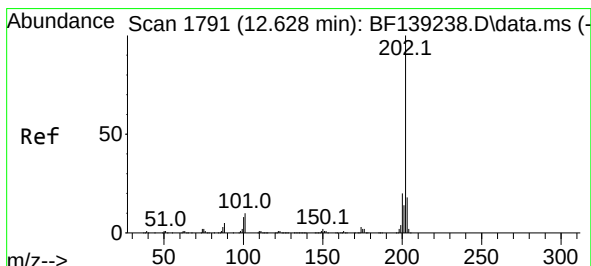
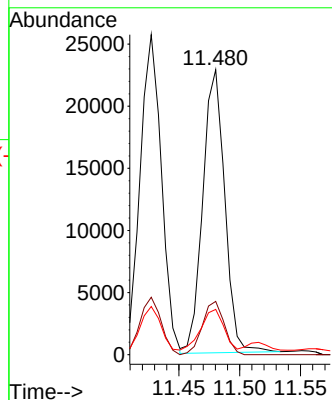
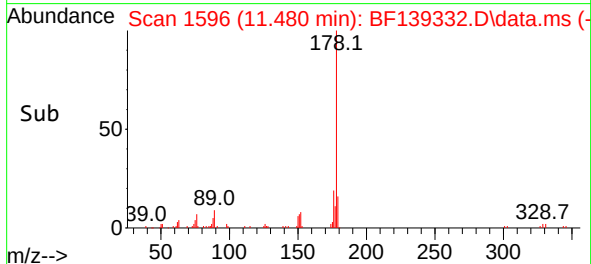
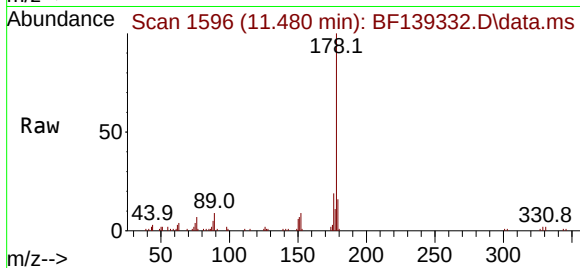
#72
 Anthracene
 Concen: 2.277 ng
 RT: 11.480 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139332.D
 Acq: 11 Sep 2024 18:12

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Tgt Ion:178	Resp:	28704
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.4
179	15.9	12.3 18.5

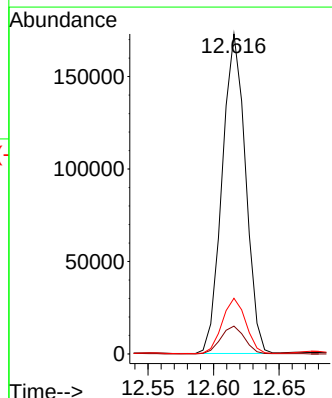
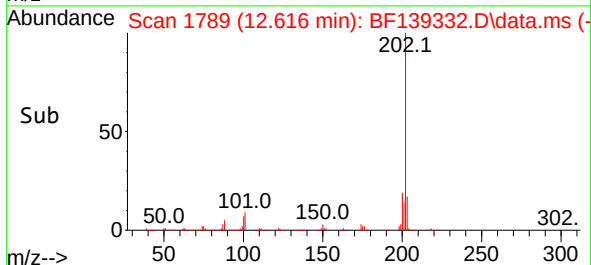
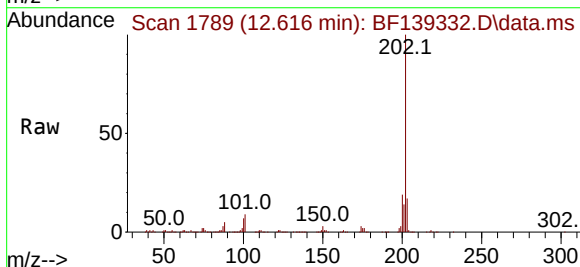
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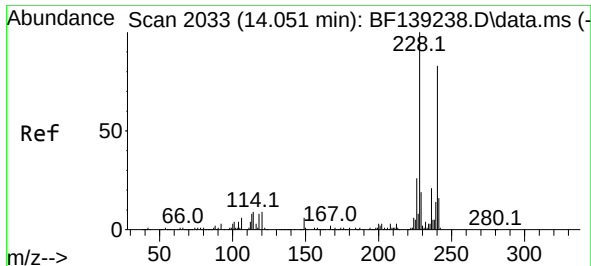
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#75
 Fluoranthene
 Concen: 16.552 ng
 RT: 12.616 min Scan# 1789
 Delta R.T. -0.012 min
 Lab File: BF139332.D
 Acq: 11 Sep 2024 18:12

Tgt Ion:202	Resp:	214182
Ion Ratio	Lower	Upper
202	100	
101	8.7	0.0 29.9
203	17.4	0.0 37.7





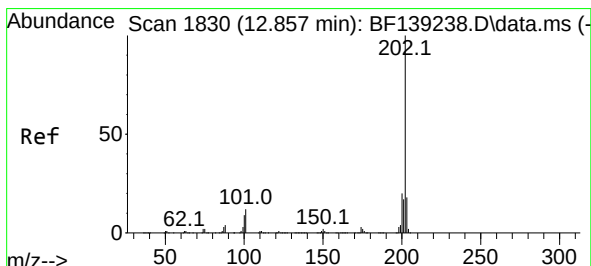
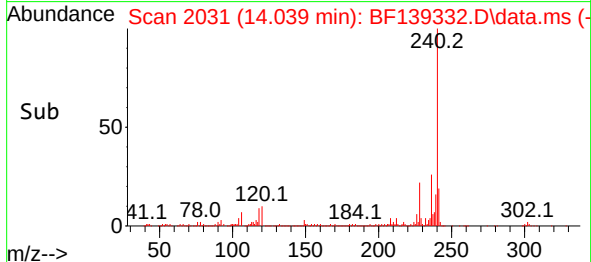
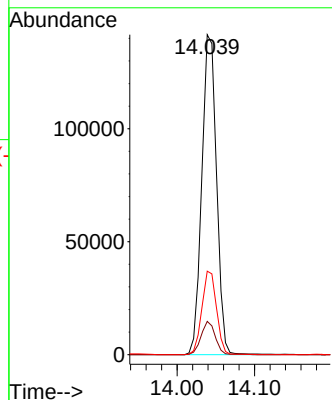
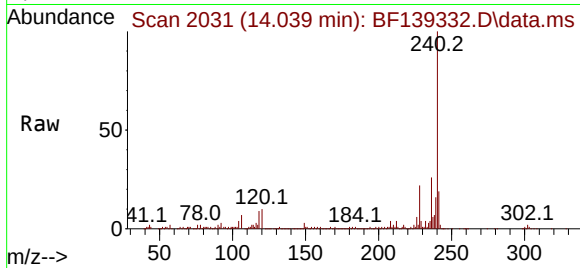
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

Instrument :
BNA_F
ClientSampleId :
72-11930

Tgt Ion:240 Resp: 18745
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.1 20.7 31.1

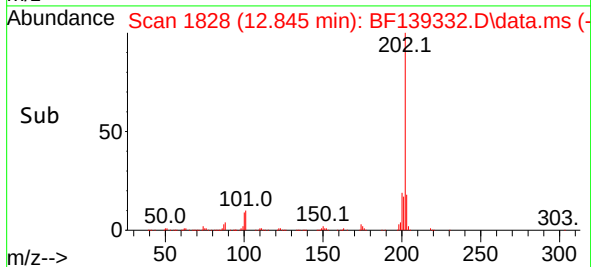
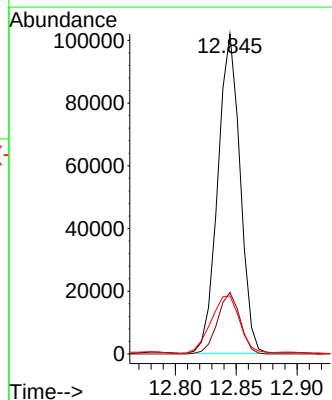
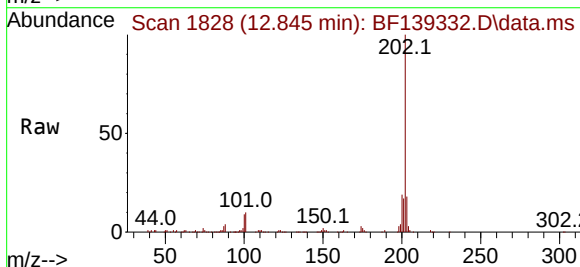
Manual Integrations
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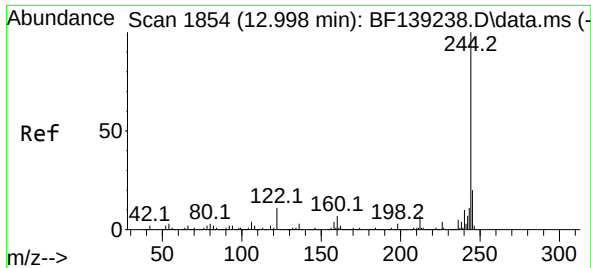
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#78
Pyrene
Concen: 7.176 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

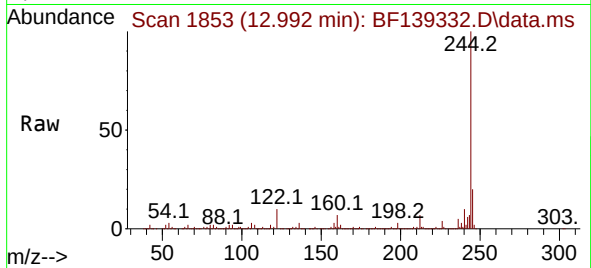
Tgt Ion:202 Resp: 129937
Ion Ratio Lower Upper
202 100
200 19.2 15.8 23.8
203 18.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 64.662 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139332.D
 Acq: 11 Sep 2024 18:12

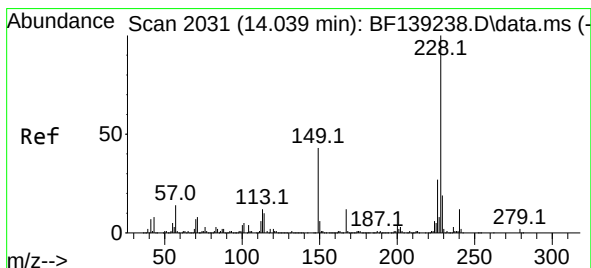
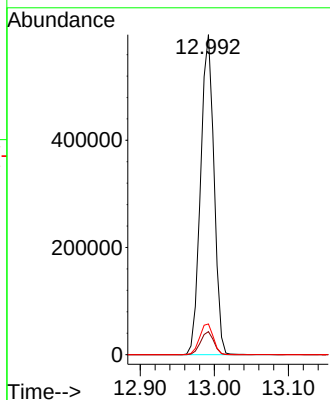
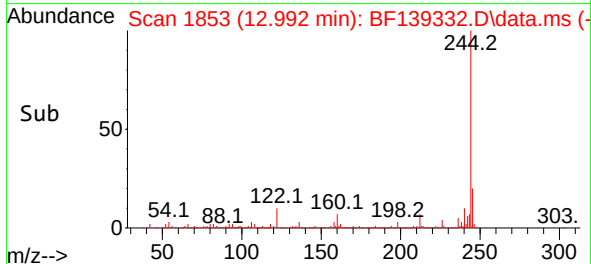
Instrument :
 BNA_F
 ClientSampleId :
 72-11930



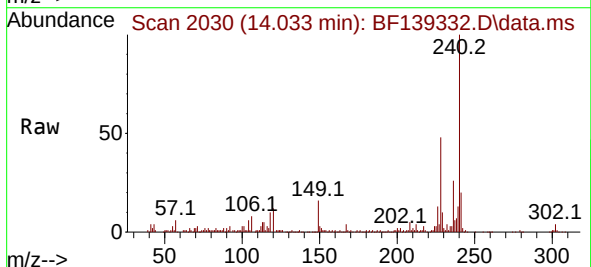
Tgt Ion:244 Resp: 75072
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.6 8.7 13.1

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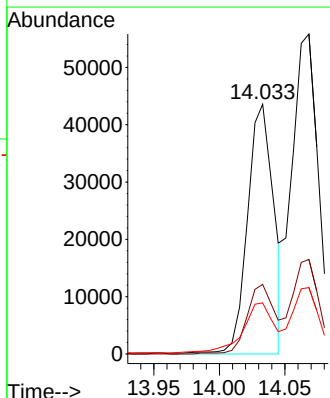
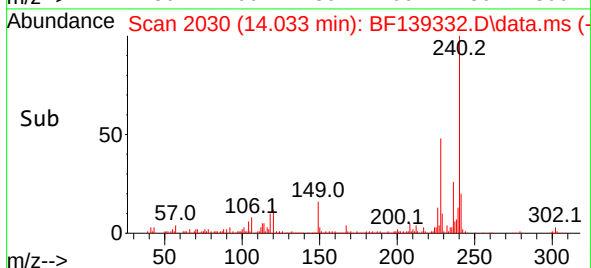
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

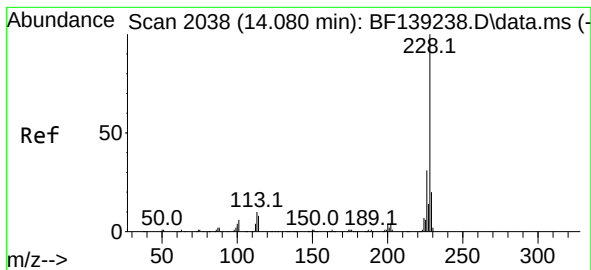


#81
 Benzo(a)anthracene
 Concen: 5.021 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. -0.006 min
 Lab File: BF139332.D
 Acq: 11 Sep 2024 18:12



Tgt Ion:228 Resp: 60104
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.5 32.3
 229 20.5 15.6 23.4





#83

Chrysene

Concen: 6.956 ng

RT: 14.068 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF139332.D

Acq: 11 Sep 2024 18:12

Instrument :

BNA_F

ClientSampleId :

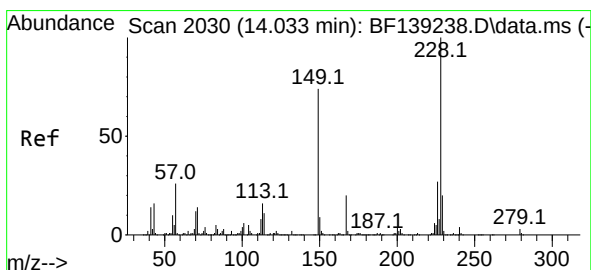
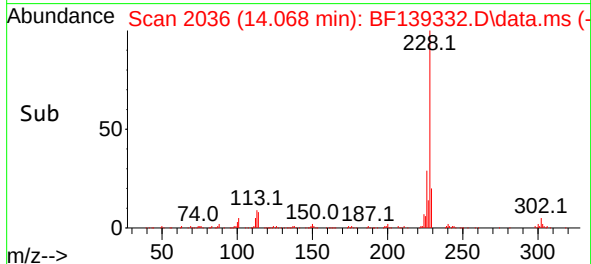
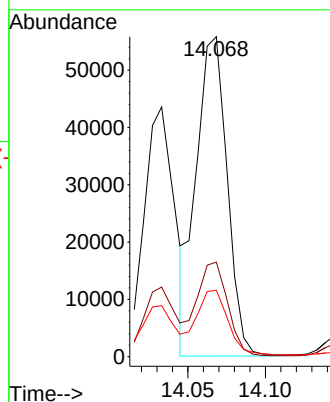
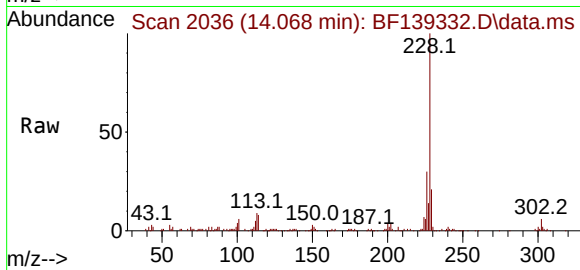
72-11930

Tgt Ion:	228	Resp:	7770
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.8	35.8
229	20.8	15.8	23.6

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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.019 ng

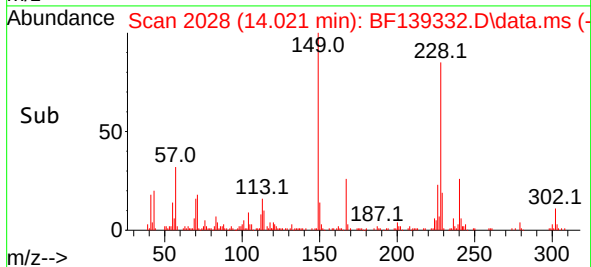
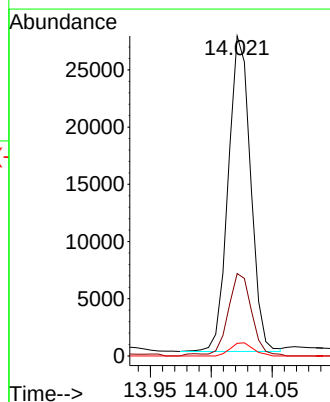
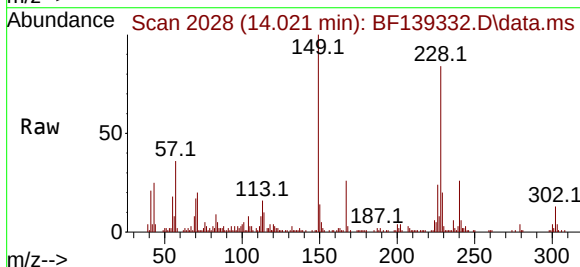
RT: 14.021 min Scan# 2028

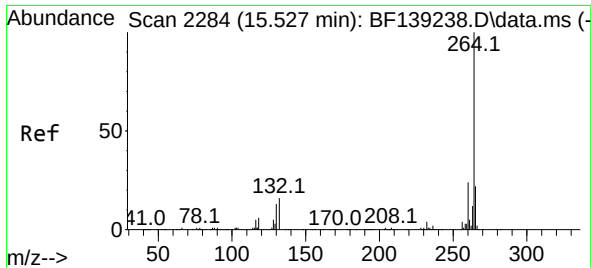
Delta R.T. -0.012 min

Lab File: BF139332.D

Acq: 11 Sep 2024 18:12

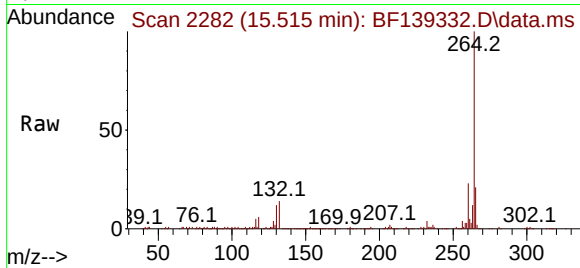
Tgt Ion:	149	Resp:	35117
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.8	32.6
279	3.9	3.0	4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

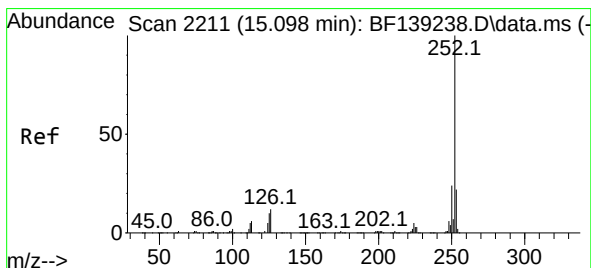
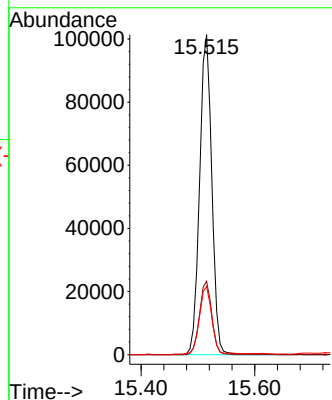
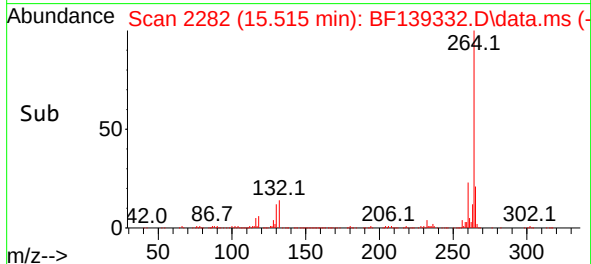
Instrument :
BNA_F
ClientSampleId :
72-11930



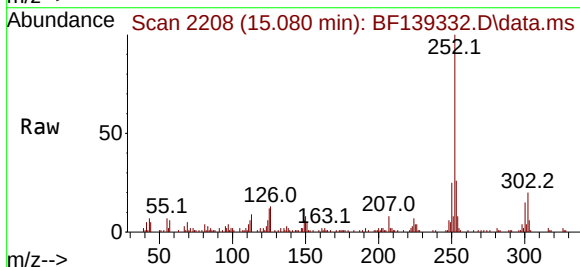
Tgt Ion:264 Resp: 15149
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.2 17.3 25.9

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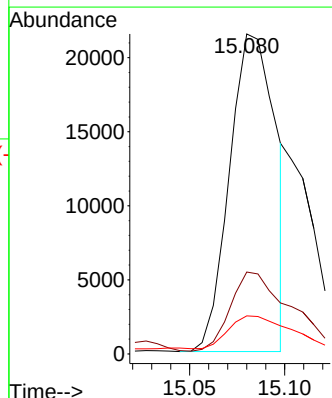
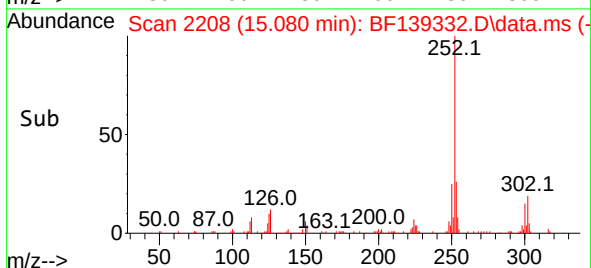
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

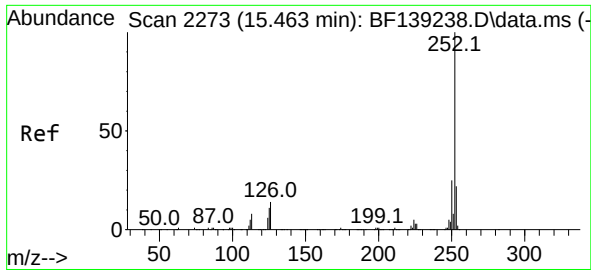


#88
Benzo(b)fluoranthene
Concen: 4.158 ng m
RT: 15.080 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12



Tgt Ion:252 Resp: 36274
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 11.9 7.6 11.4#





#90
Benzo(a)pyrene
Concen: 2.647 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF139332.D
Acq: 11 Sep 2024 18:12

Instrument :
BNA_F
ClientSampleId :
72-11930

Tgt Ion:252 Resp: 19608
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.9 8.6 13.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

