

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139802.D
 Acq On : 14 Oct 2024 21:48
 Operator : RC/JU
 Sample : P4364-10 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0.167-0.667

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 15 01:14:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92902	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	333414	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	154068	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	234425	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	182927	20.000	ng	0.00
86) Perylene-d12	15.498	264	136364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	112068	20.908	ng	0.01
7) Phenol-d6	6.510	99	146449	20.317	ng	0.00
23) Nitrobenzene-d5	7.422	82	87793	13.332	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	23420	15.747	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	159016	15.845	ng	-0.01
79) Terphenyl-d14	12.969	244	127421	11.429	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.163	128	46713	2.740	ng	99
71) Phenanthrene	11.410	178	35153	3.180	ng	100
74) Di-n-butylphthalate	11.939	149	163879	12.832	ng	100
75) Fluoranthene	12.598	202	81856	6.775	ng	99
78) Pyrene	12.827	202	88013	5.379	ng	99
81) Benzo(a)anthracene	14.016	228	56125m	4.667	ng	
83) Chrysene	14.051	228	44024	4.004	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	107655	14.732	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	22346	2.784	ng	96
88) Benzo(b)fluoranthene	15.068	252	59203m	6.715	ng	
89) Benzo(k)fluoranthene	15.080	252	27080m	3.621	ng	
90) Benzo(a)pyrene	15.433	252	39504	5.682	ng	# 90
92) Benzo(g,h,i)perylene	17.415	276	20707	3.102	ng	94

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

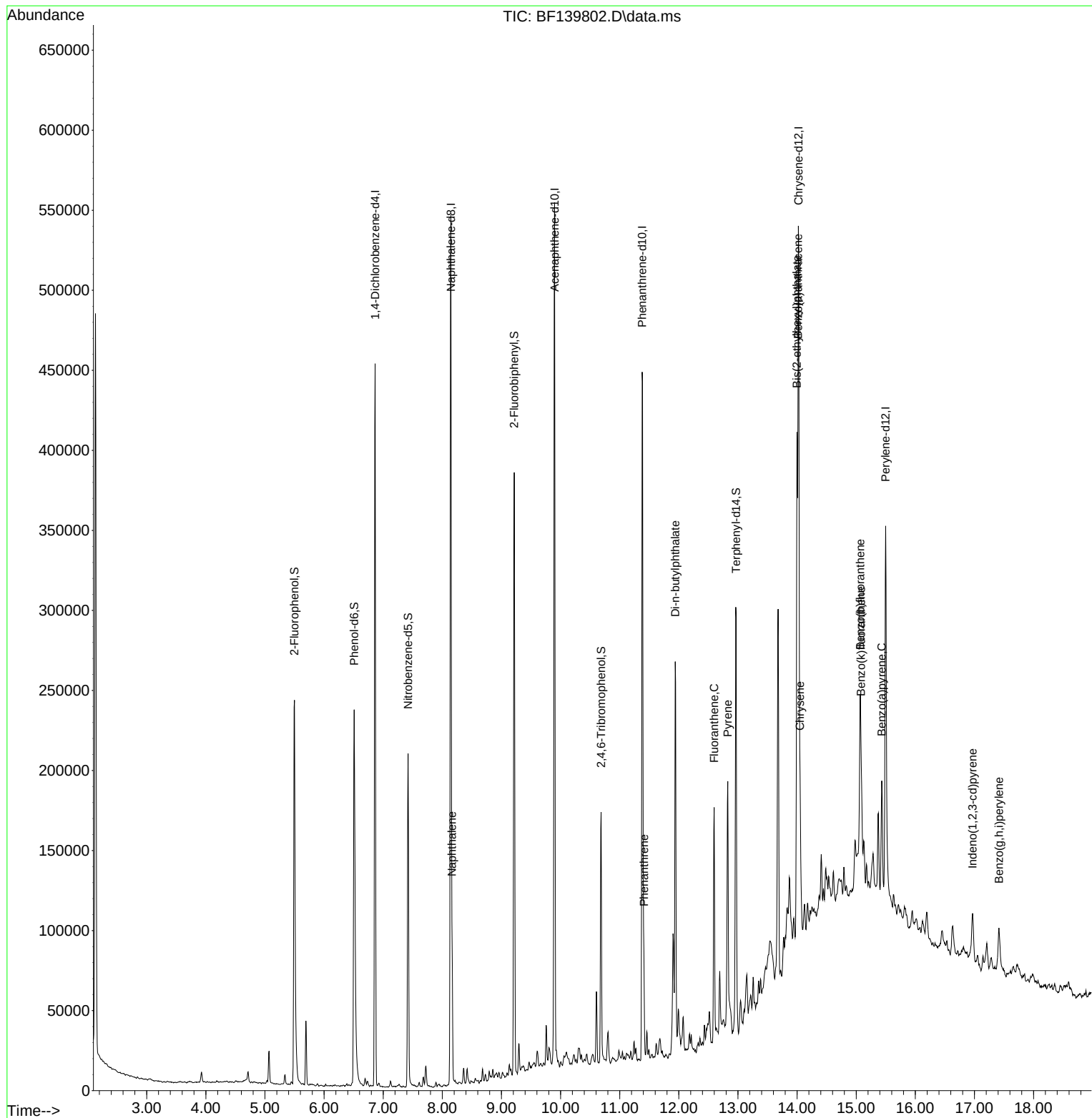
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
Data File : BF139802.D
Acq On : 14 Oct 2024 21:48
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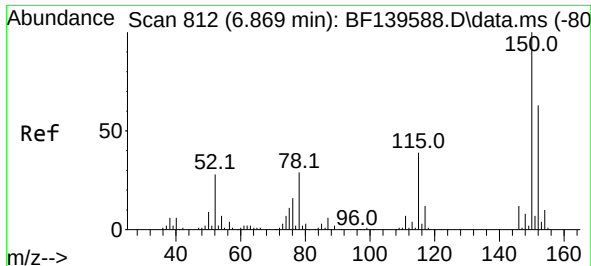
Instrument :
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Quant Time: Oct 15 01:14:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
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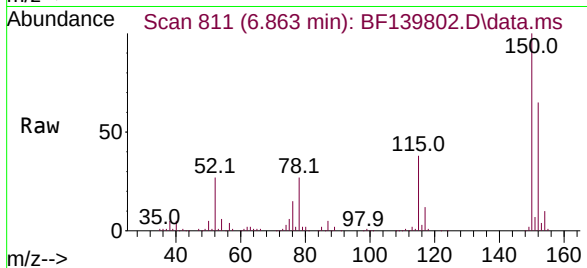
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

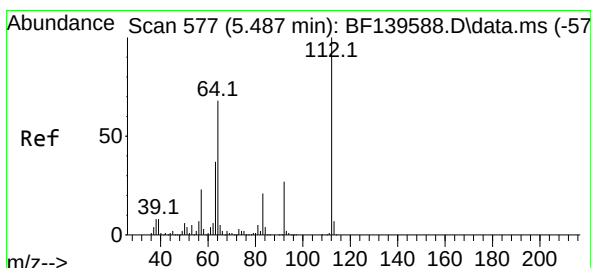
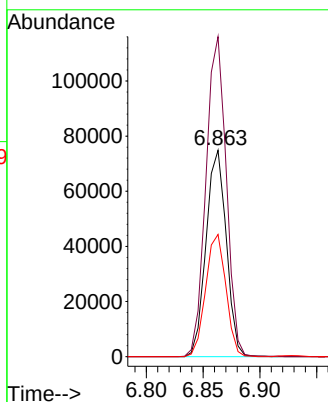
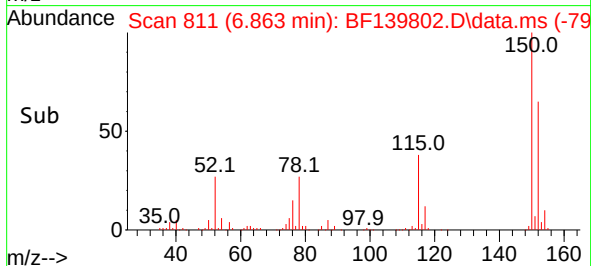
Instrument :
BNA_F
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SB-04-0.167-0.667



Tgt Ion:152 Resp: 92902
Ion Ratio Lower Upper
152 100
150 155.0 127.2 190.8
115 59.2 49.0 73.4

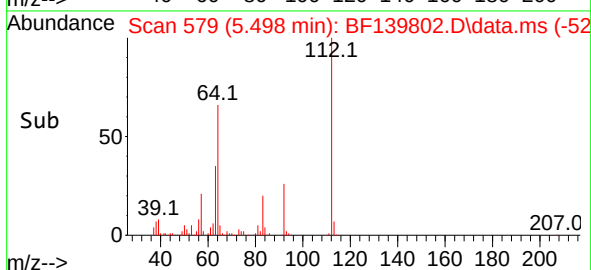
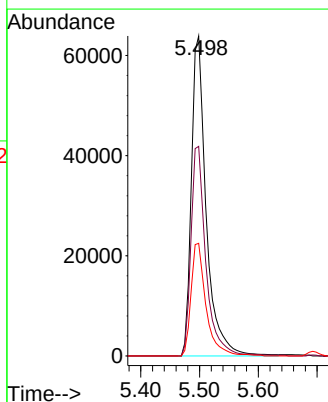
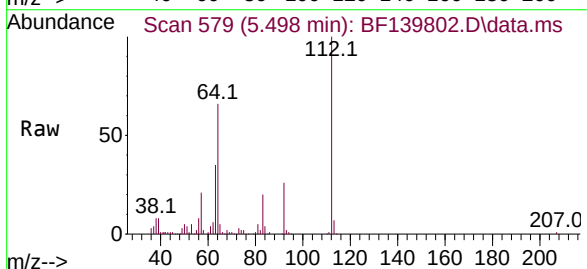
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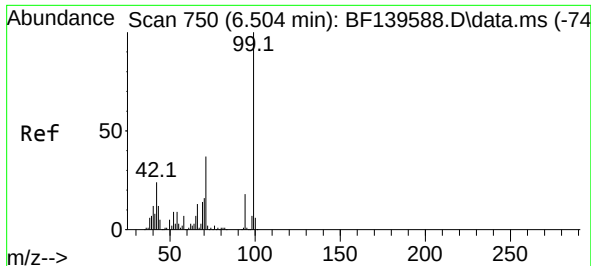
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#5
2-Fluorophenol
Concen: 20.908 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

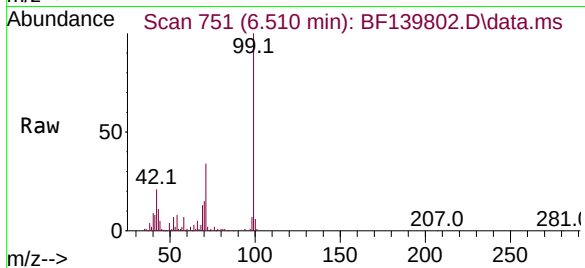
Tgt Ion:112 Resp: 112068
Ion Ratio Lower Upper
112 100
64 65.5 54.2 81.4
63 35.2 29.4 44.2





#7
Phenol-d6
Concen: 20.317 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

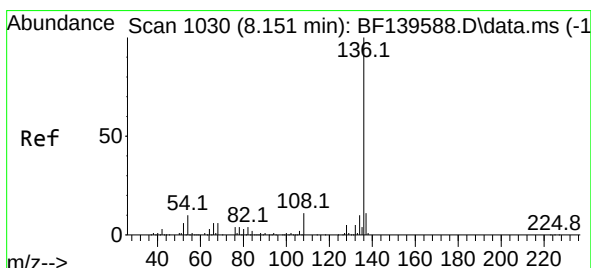
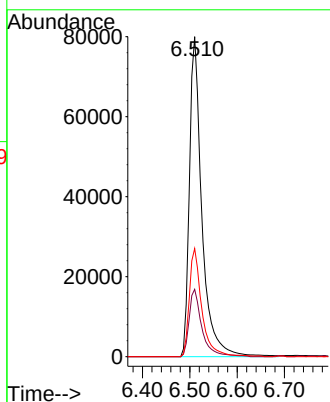
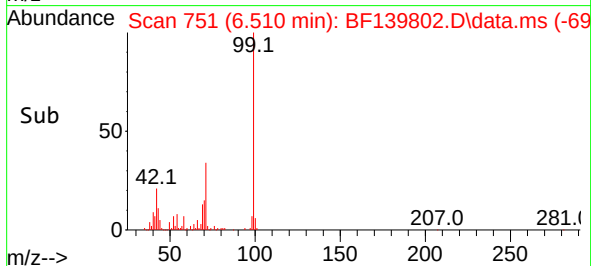
Instrument :
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SB-04-0.167-0.667



Tgt Ion: 99 Resp: 146449
Ion Ratio Lower Upper
99 100
42 21.0 19.1 28.7
71 33.8 29.7 44.5

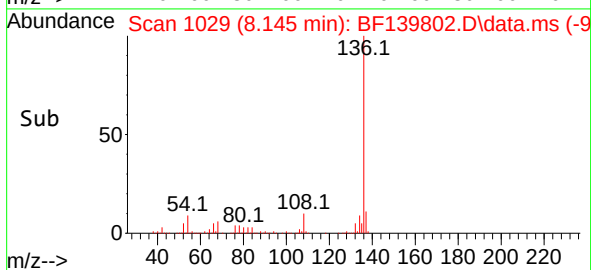
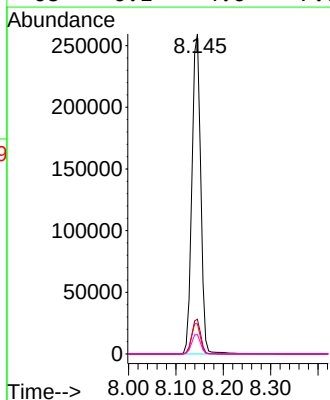
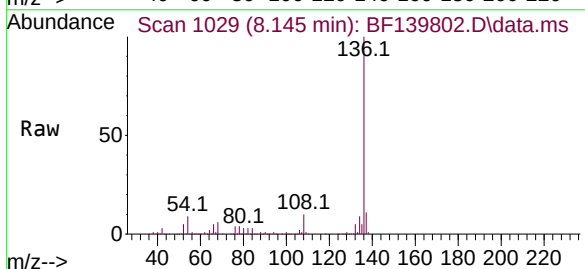
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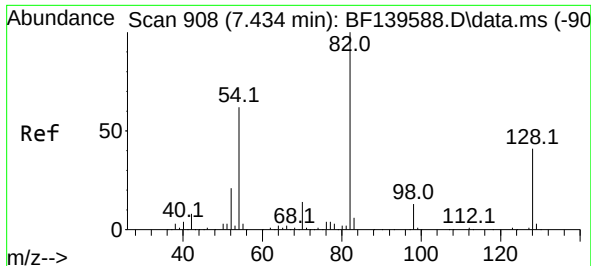
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

Tgt Ion:136 Resp: 333414
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.4 8.3 12.5
68 6.1 4.6 7.0





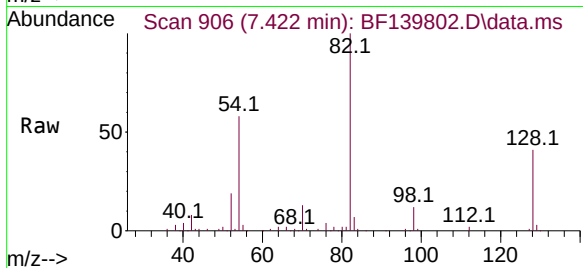
#23
Nitrobenzene-d5
Concen: 13.332 ng
RT: 7.422 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

Instrument :

BNA_F

ClientSampleId :

SB-04-0.167-0.667



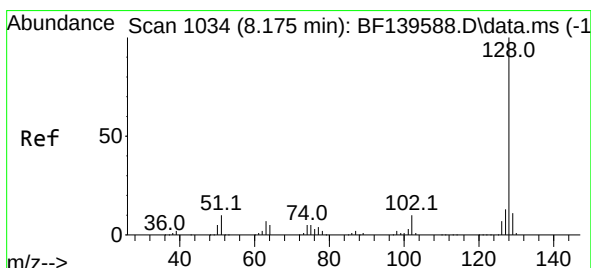
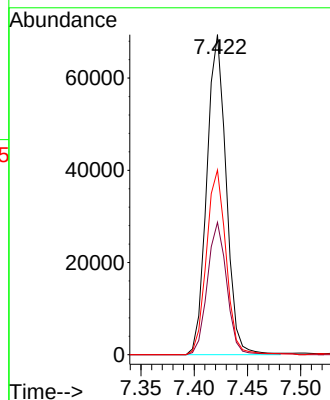
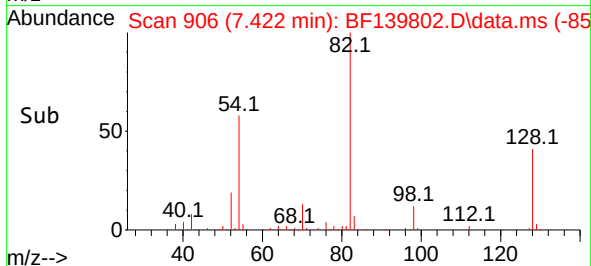
Tgt Ion: 82 Resp: 8779
Ion Ratio Lower Upper
82 100
128 41.4 32.4 48.6
54 57.7 49.1 73.7

Manual Integrations

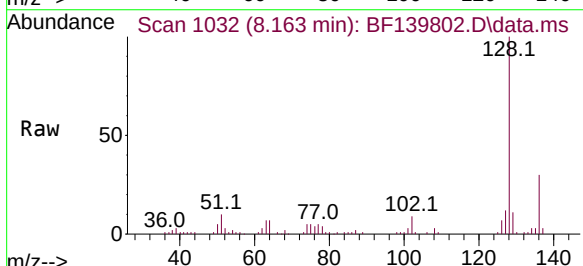
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

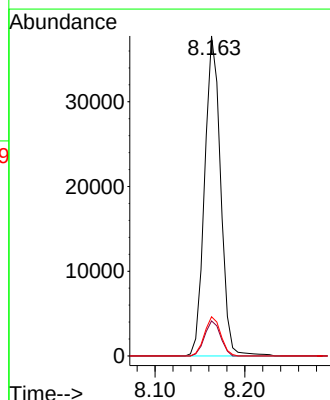
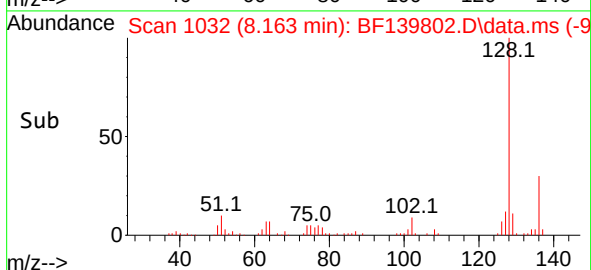
Supervised By :mohammad ahmed 10/15/2024

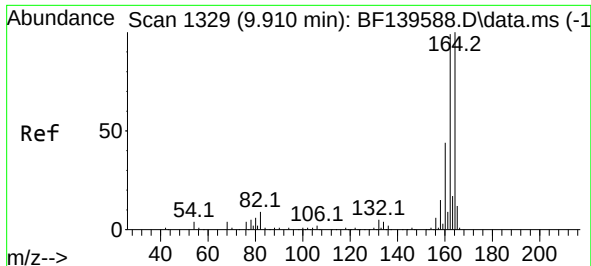


#31
Naphthalene
Concen: 2.740 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48



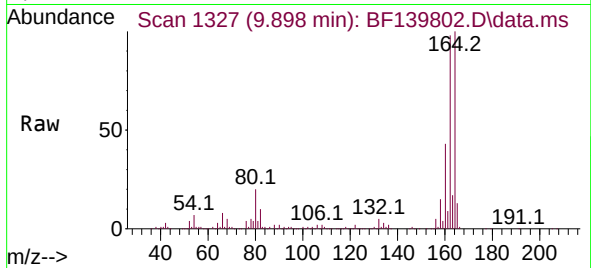
Tgt Ion:128 Resp: 46713
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.3 10.5 15.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

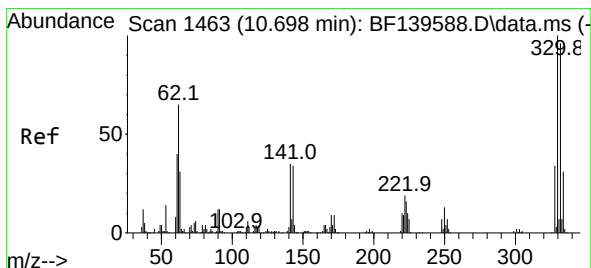
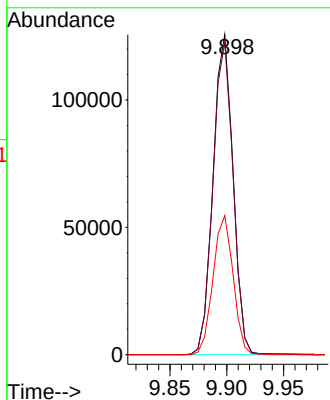
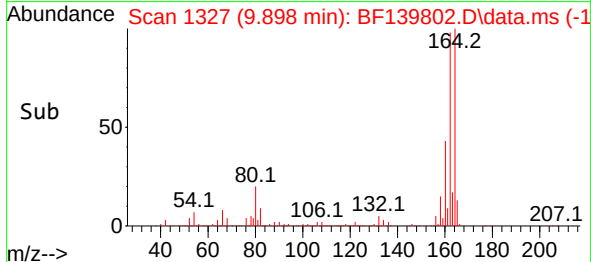
Instrument :
BNA_F
ClientSampleId :
SB-04-0.167-0.667



Tgt Ion:164 Resp: 154068
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.0
160 43.5 35.1 52.7

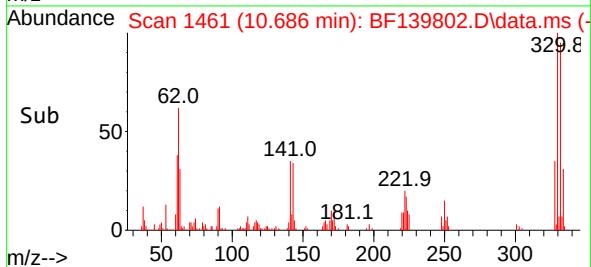
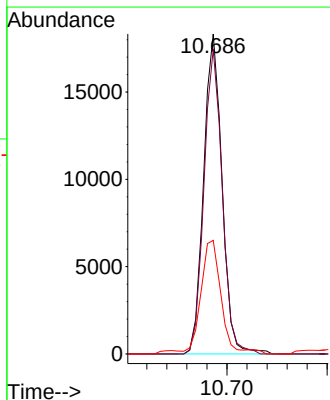
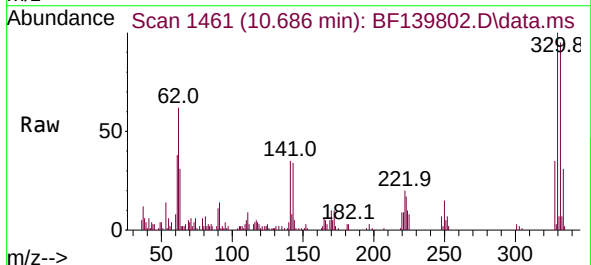
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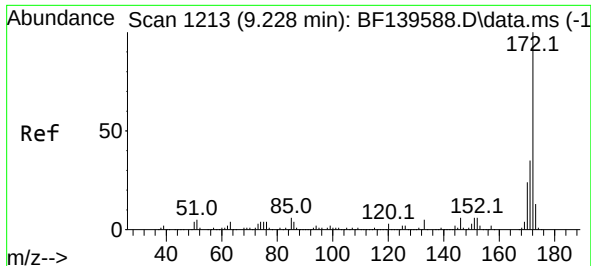
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#42
2,4,6-Tribromophenol
Concen: 15.747 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

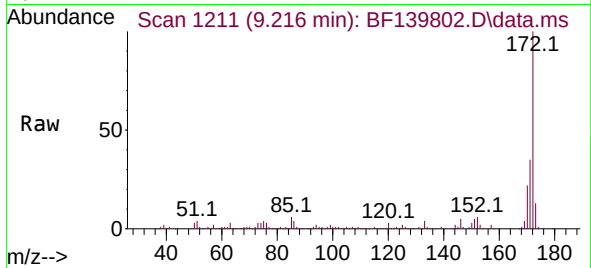
Tgt Ion:330 Resp: 23420
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 40.1 29.3 43.9





#45
2-Fluorobiphenyl
Concen: 15.845 ng
RT: 9.216 min Scan# 159010
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

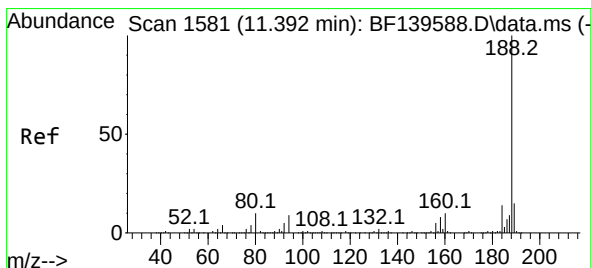
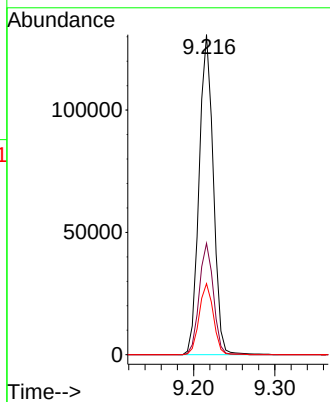
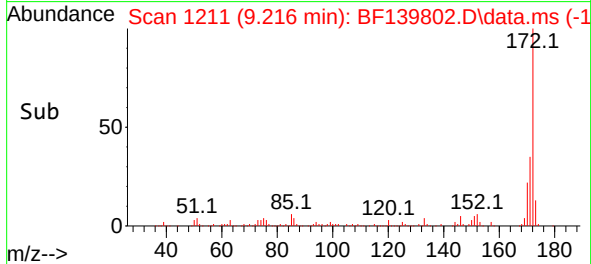
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SB-04-0.167-0.667



Tgt Ion:172 Resp: 159010
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 22.2 18.8 28.2

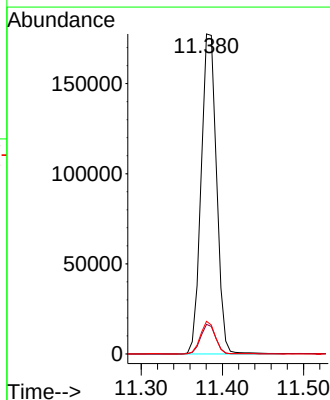
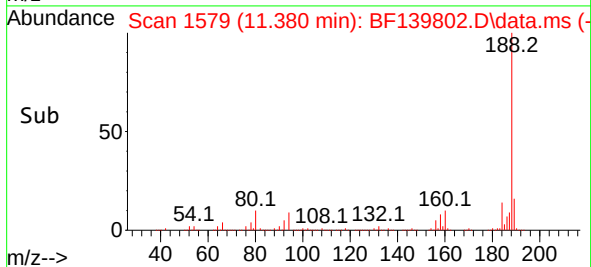
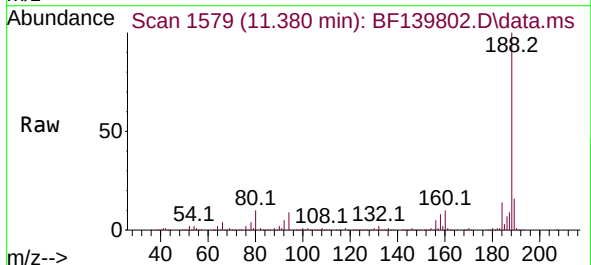
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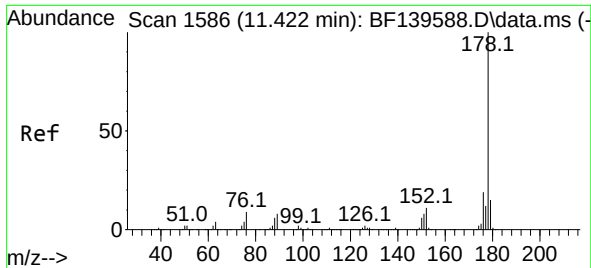
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

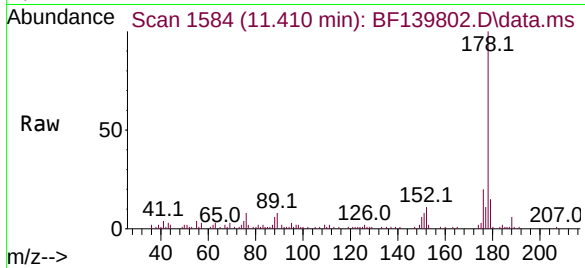
Tgt Ion:188 Resp: 234425
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.2 8.2 12.2





#71
Phenanthrene
Concen: 3.180 ng
RT: 11.410 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

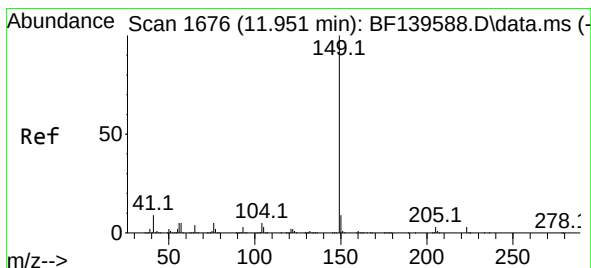
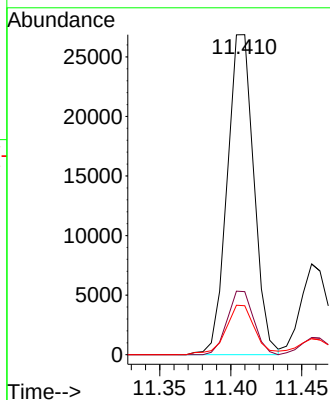
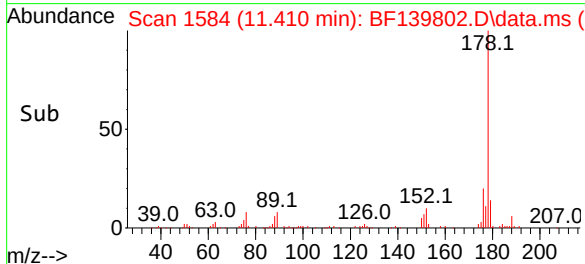
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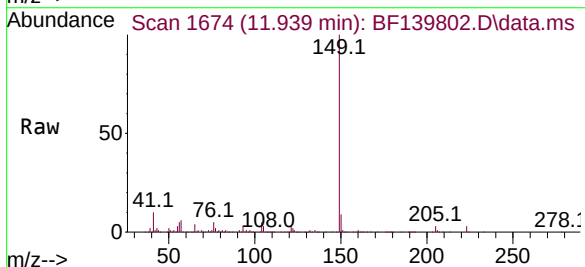
Tgt Ion:178 Resp: 3515
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.3 12.3 18.5

Manual Integrations
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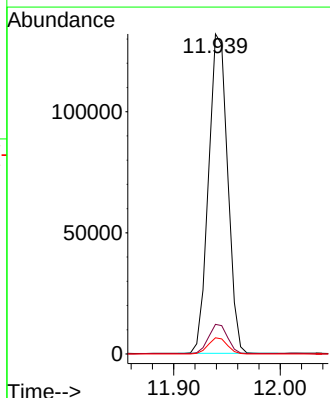
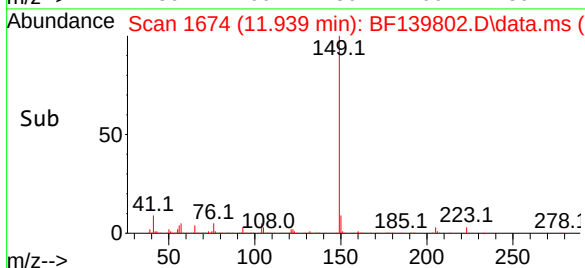
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024

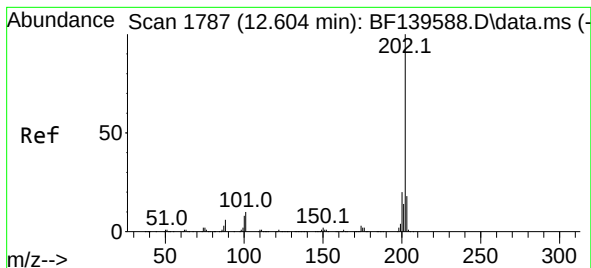


#74
Di-n-butylphthalate
Concen: 12.832 ng
RT: 11.939 min Scan# 1674
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48



Tgt Ion:149 Resp: 163879
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 6.775 ng

RT: 12.598 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139802.D

Acq: 14 Oct 2024 21:48

Instrument :

BNA_F

ClientSampleId :

SB-04-0.167-0.667

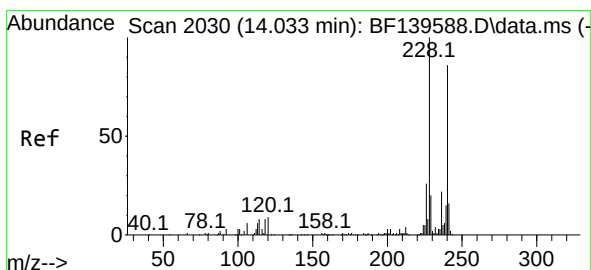
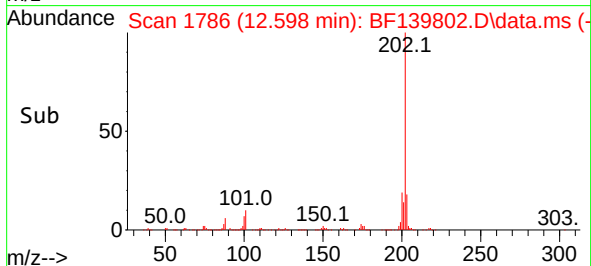
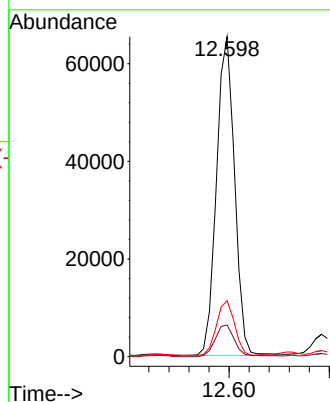
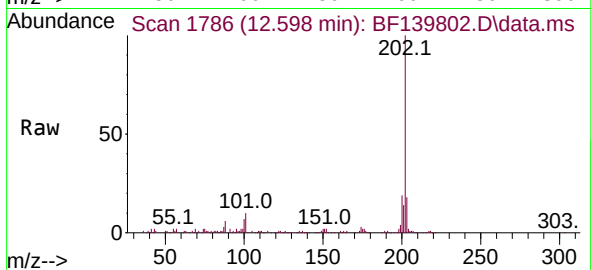
Tgt Ion:202	Resp:	81850
Ion Ratio	Lower	Upper
202	100	
101	9.9	0.0 30.2
203	17.5	0.0 37.7

Manual Integrations

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Supervised By :mohammad ahmed 10/15/2024



#76

Chrysene-d12

Concen: 20.000 ng

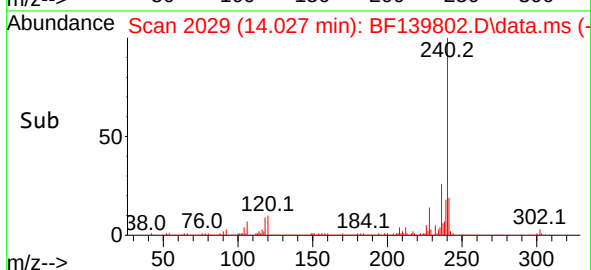
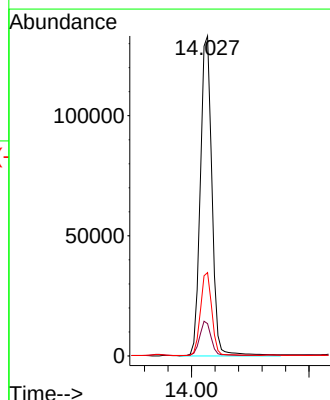
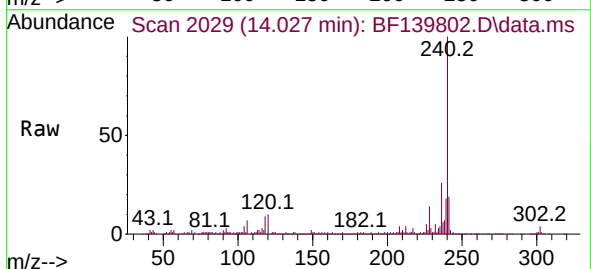
RT: 14.027 min Scan# 2029

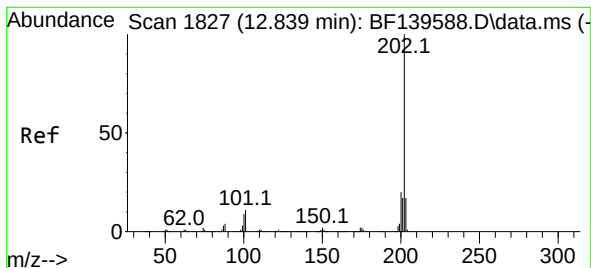
Delta R.T. -0.006 min

Lab File: BF139802.D

Acq: 14 Oct 2024 21:48

Tgt Ion:240	Resp:	182927
Ion Ratio	Lower	Upper
240	100	
120	10.1	8.4 12.6
236	26.0	20.3 30.5





#78

Pyrene

Concen: 5.379 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF139802.D

Acq: 14 Oct 2024 21:48

Instrument :

BNA_F

ClientSampleId :

SB-04-0.167-0.667

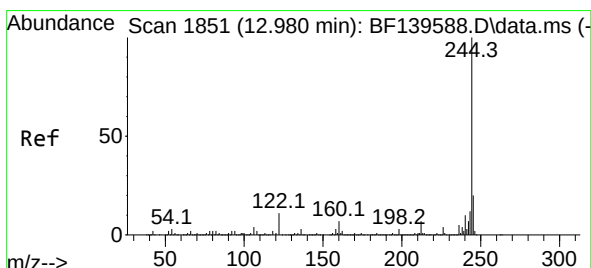
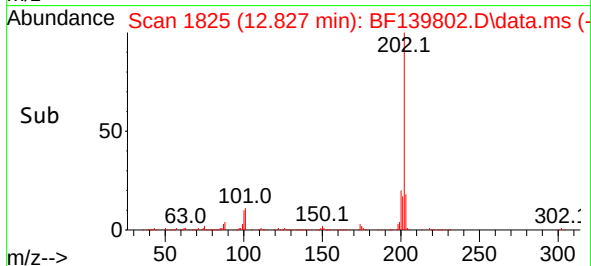
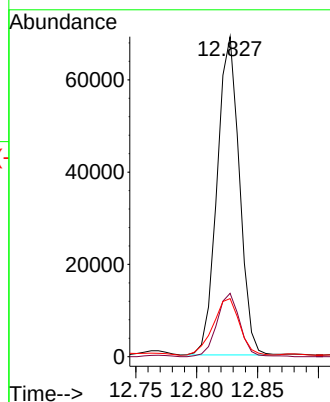
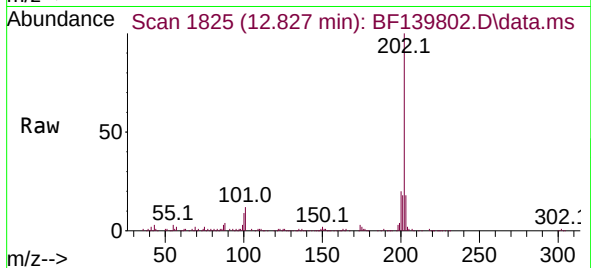
Tgt Ion:	202	Resp:	8801
Ion Ratio	Lower	Upper	
202	100		
200	19.8	15.8	23.6
203	18.2	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#79

Terphenyl-d14

Concen: 11.429 ng

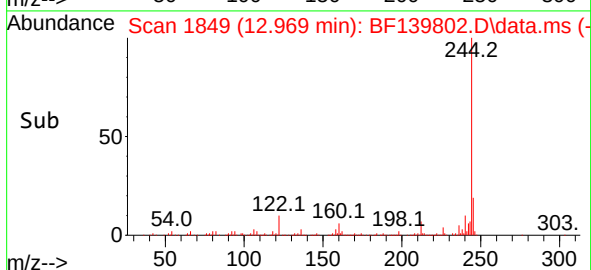
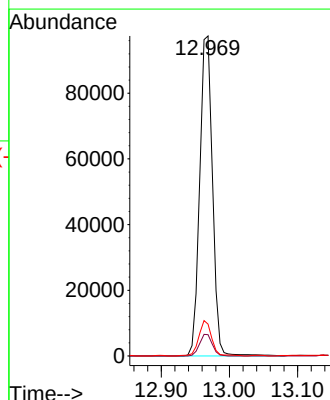
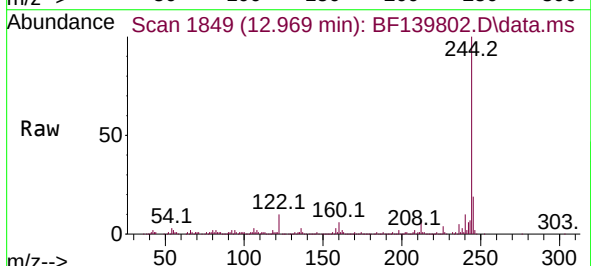
RT: 12.969 min Scan# 1849

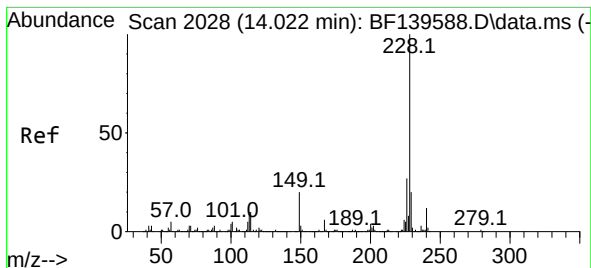
Delta R.T. -0.011 min

Lab File: BF139802.D

Acq: 14 Oct 2024 21:48

Tgt Ion:	244	Resp:	127421
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.6
122	9.9	8.6	12.8





#81

Benzo(a)anthracene

Concen: 4.667 ng m

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF139802.D

Acq: 14 Oct 2024 21:48

Instrument :

BNA_F

ClientSampleId :

SB-04-0.167-0.667

Tgt Ion:228 Resp: 5612

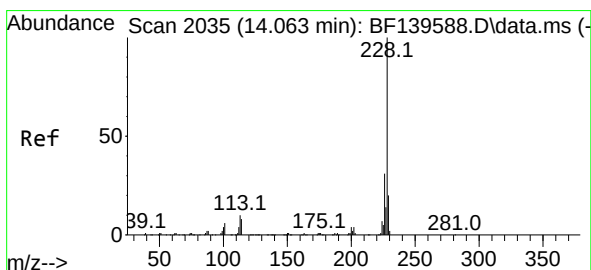
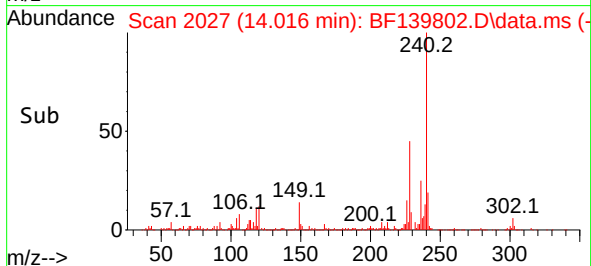
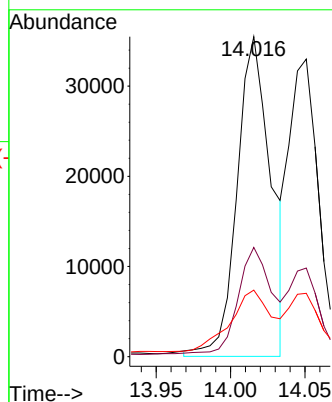
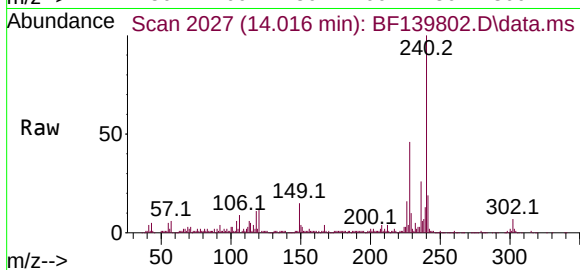
Ion	Ratio	Lower	Upper
228	100		
226	34.1	21.8	32.8
229	20.8	15.8	23.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#83

Chrysene

Concen: 4.004 ng

RT: 14.051 min Scan# 2033

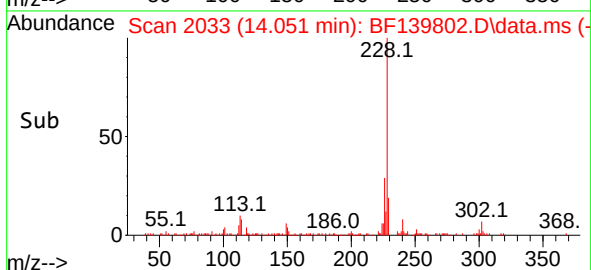
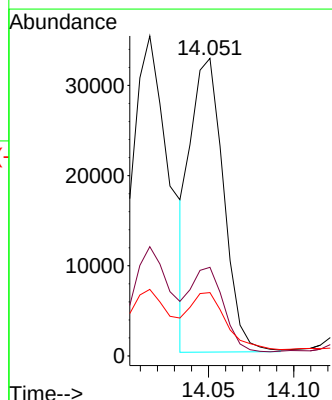
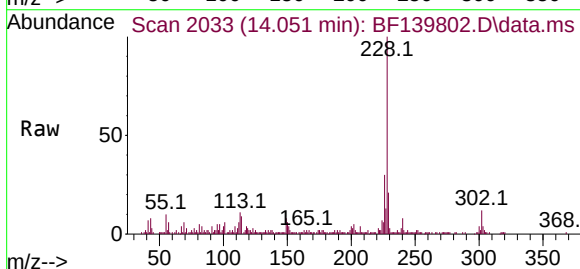
Delta R.T. -0.012 min

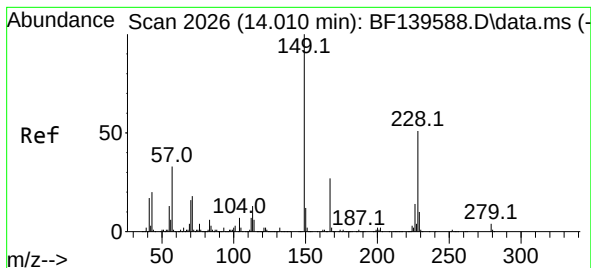
Lab File: BF139802.D

Acq: 14 Oct 2024 21:48

Tgt Ion:228 Resp: 44024

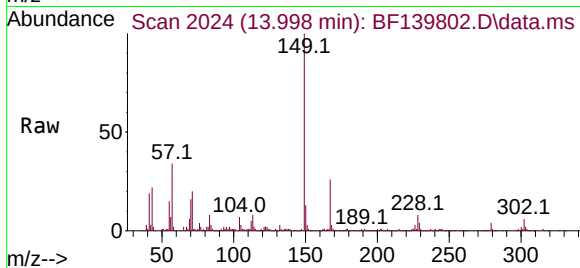
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	21.3	15.7	23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 14.732 ng
RT: 13.998 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

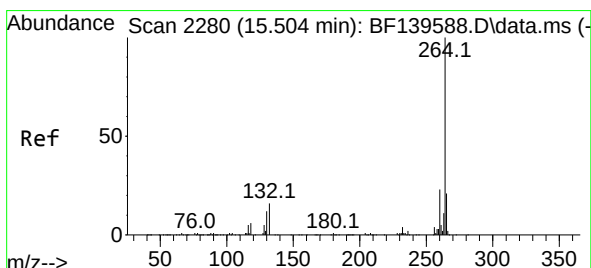
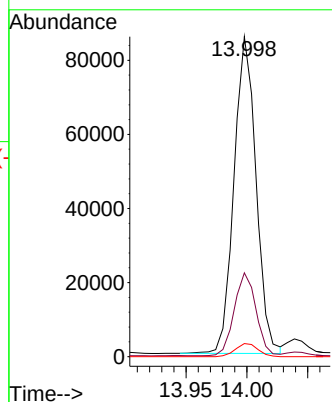
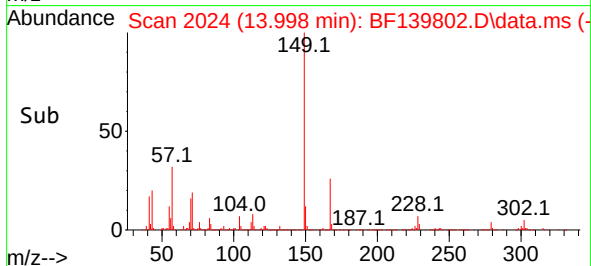
Instrument :
BNA_F
ClientSampleId :
SB-04-0.167-0.667



Tgt Ion:149 Resp: 10765
Ion Ratio Lower Upper
149 100
167 26.2 21.7 32.5
279 4.1 3.2 4.8

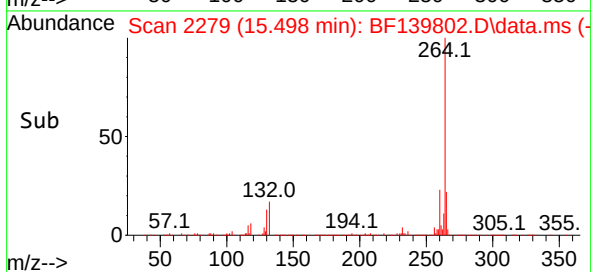
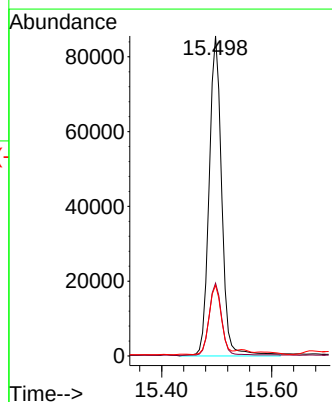
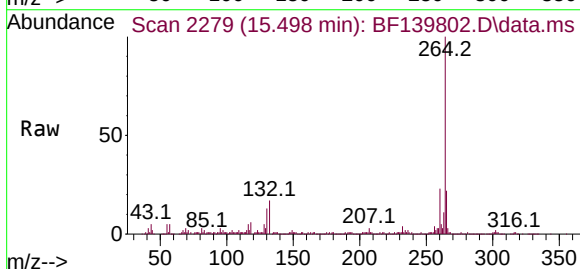
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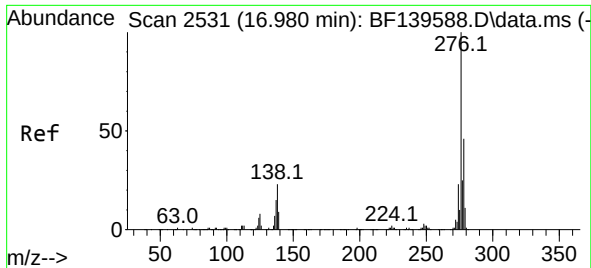
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

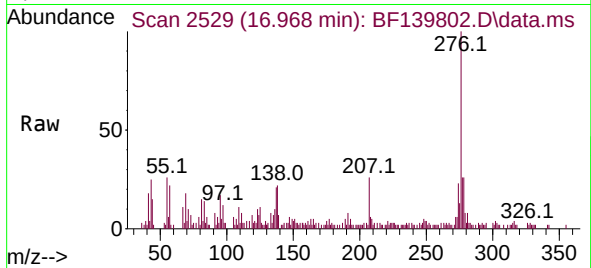
Tgt Ion:264 Resp: 136364
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 22.1 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.784 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

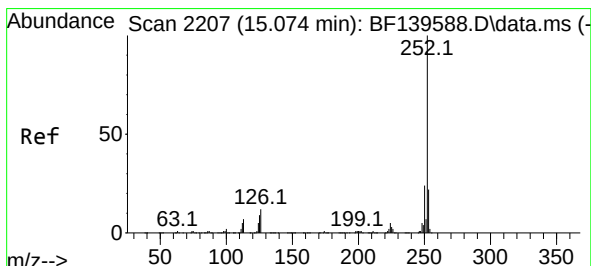
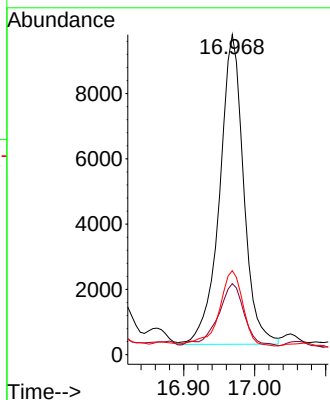
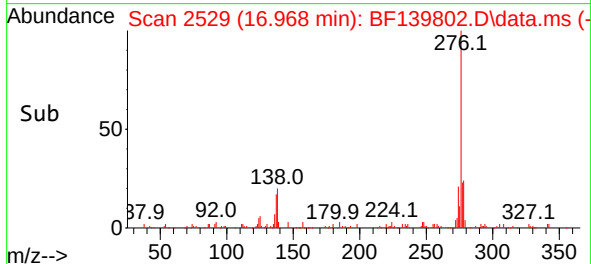
Instrument :
BNA_F
ClientSampleId :
SB-04-0.167-0.667



Tgt Ion: 276 Resp: 22340
Ion Ratio Lower Upper
276 100
138 21.5 19.4 29.0
277 24.1 20.2 30.2

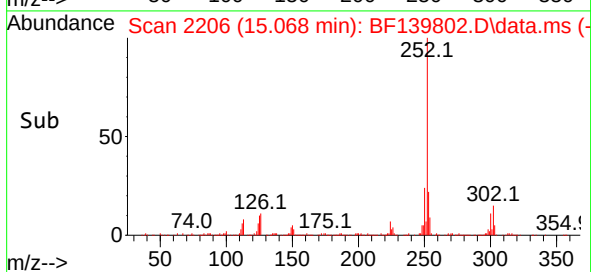
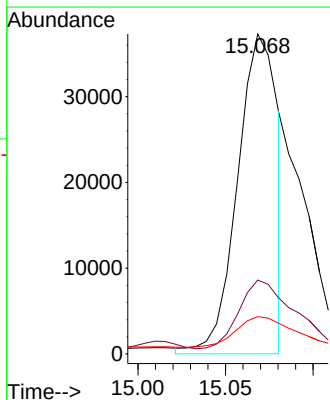
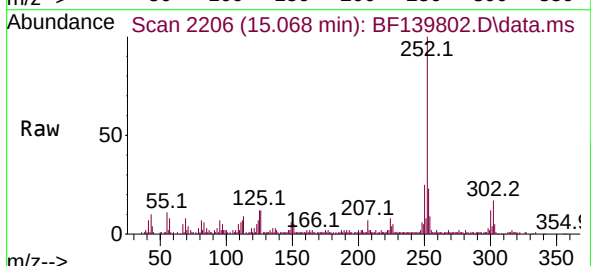
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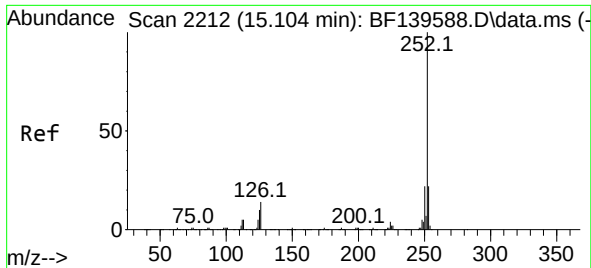
Reviewed By : Yogesh Patel 10/15/2024
Supervised By : mohammad ahmed 10/15/2024



#88
Benzo(b)fluoranthene
Concen: 6.715 ng m
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139802.D
Acq: 14 Oct 2024 21:48

Tgt Ion: 252 Resp: 59203
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 11.7 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 3.621 ng m

RT: 15.080 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF139802.D

Acq: 14 Oct 2024 21:48

Instrument :

BNA_F

ClientSampleId :

SB-04-0.167-0.667

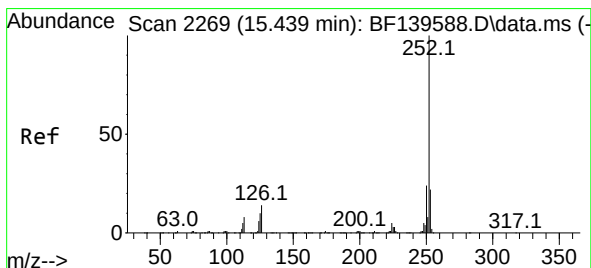
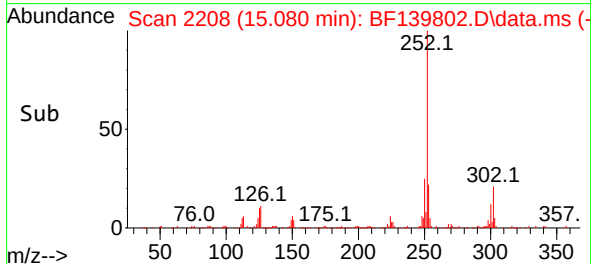
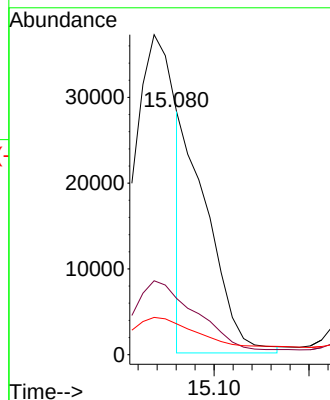
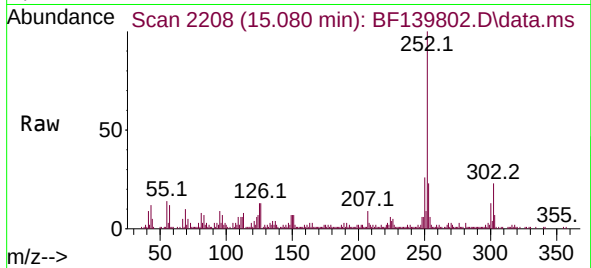
Tgt Ion:252 Resp: 27080
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.5 26.3
 125 12.7 7.6 11.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/15/2024



#90

Benzo(a)pyrene

Concen: 5.682 ng

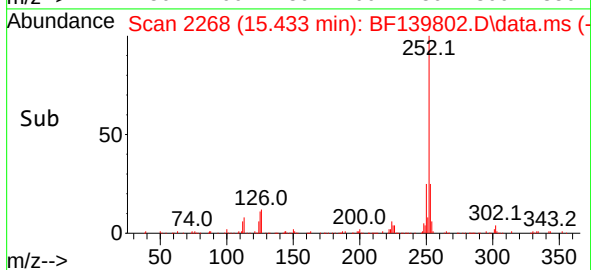
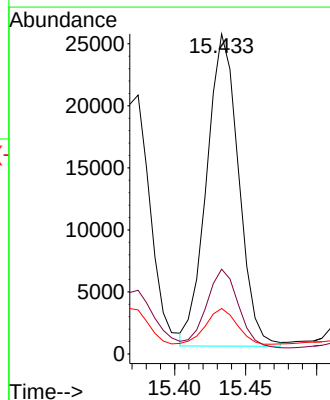
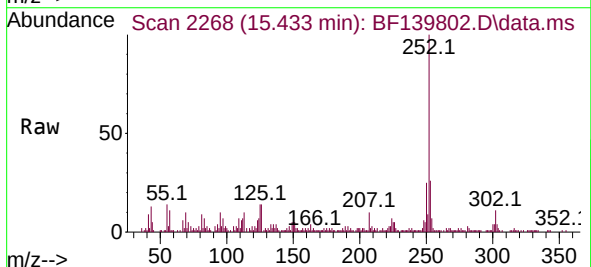
RT: 15.433 min Scan# 2268

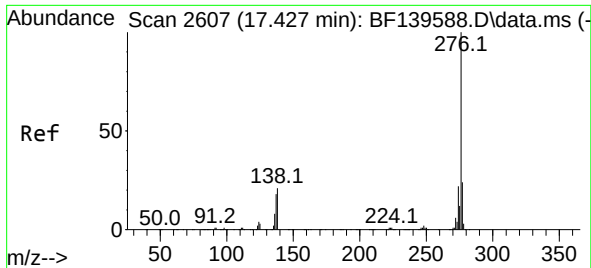
Delta R.T. -0.006 min

Lab File: BF139802.D

Acq: 14 Oct 2024 21:48

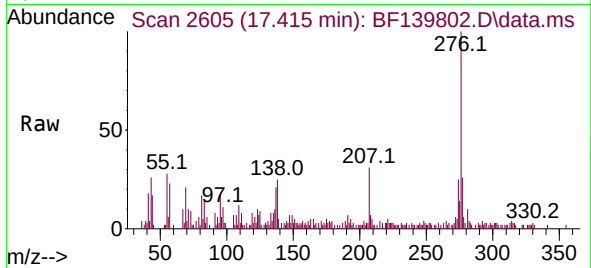
Tgt Ion:252 Resp: 39504
 Ion Ratio Lower Upper
 252 100
 253 26.5 17.3 25.9#
 125 14.2 8.3 12.5#





#92
 Benzo(g,h,i)perylene
 Concen: 3.102 ng
 RT: 17.415 min Scan# 2070
 Delta R.T. -0.012 min
 Lab File: BF139802.D
 Acq: 14 Oct 2024 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0.167-0.667



Tgt Ion:	276	Resp:	2070
Ion Ratio	Lower	Upper	
276	100		
277	26.1	19.0	28.6
138	24.7	17.0	25.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/15/2024

