

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138447.D
 Acq On : 03 Jul 2024 15:42
 Operator : CG\JU
 Sample : P3141-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB01

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 16:04:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	140566	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	463996	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	240476	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	330929	20.000	ng	0.00
76) Chrysene-d12	14.027	240	201067	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	178265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	888922	104.847	ng	0.00
7) Phenol-d6	6.504	99	1183654	103.638	ng	-0.01
23) Nitrobenzene-d5	7.433	82	746549	83.582	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	179987	91.610	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	1217947	80.603	ng	0.00
79) Terphenyl-d14	12.974	244	750111	51.126	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.410	178	39749	2.460	ng	96
75) Fluoranthene	12.598	202	49816	3.439	ng	97
78) Pyrene	12.827	202	52670	2.451	ng	99
88) Benzo(b)fluoranthene	15.062	252	23138m	2.366	ng	

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

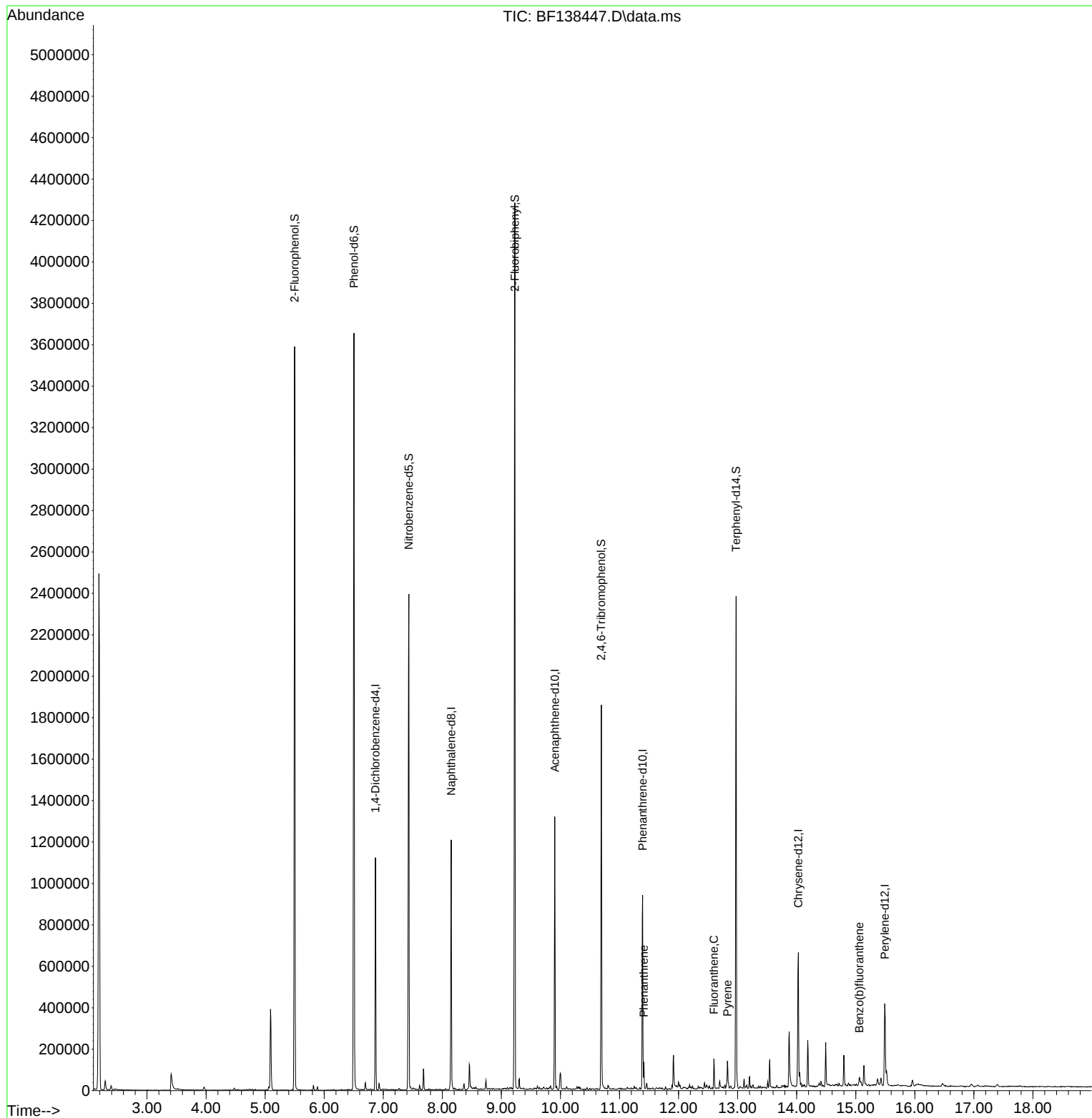
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138447.D
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ALS Vial : 11 Sample Multiplier: 1

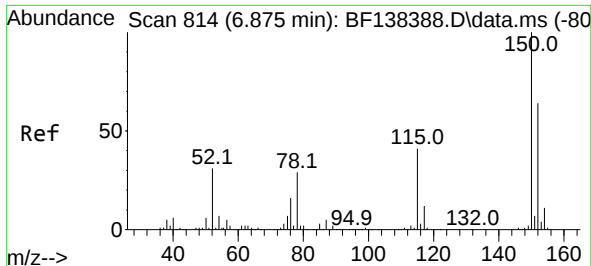
Instrument :
BNA_F
ClientSampleId :
B-140-SB01

Quant Time: Jul 03 16:04:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
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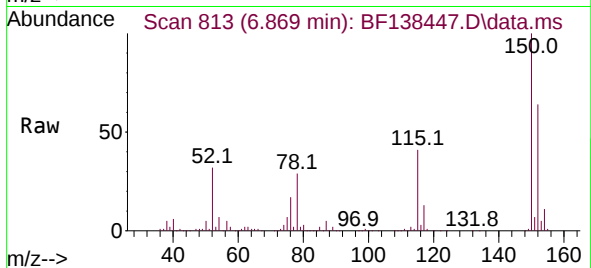
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

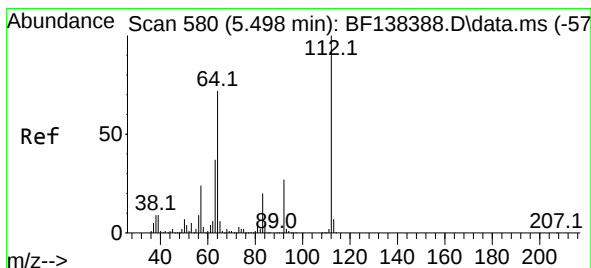
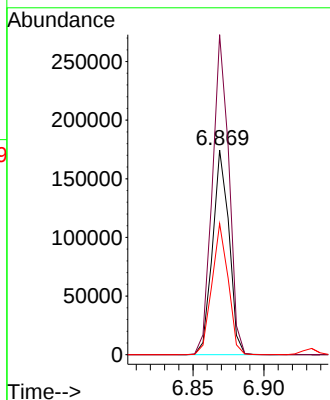
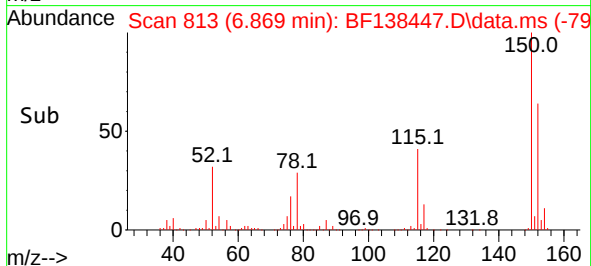
Instrument :
BNA_F
ClientSampleId :
B-140-SB01



Tgt Ion:152 Resp: 140560
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 64.0 50.8 76.2

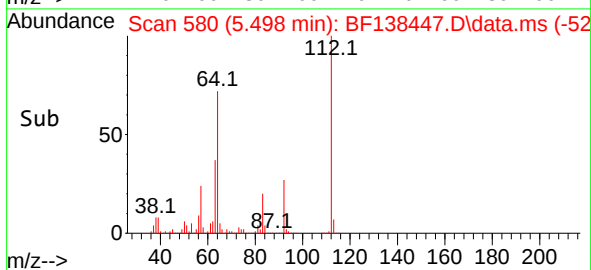
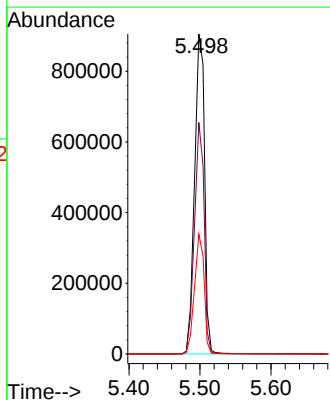
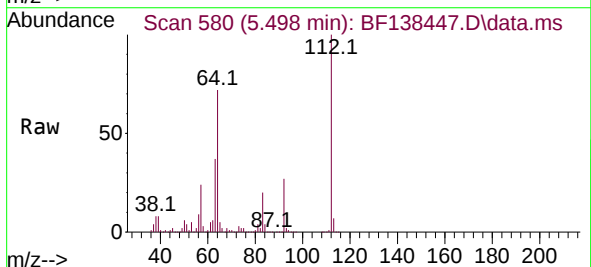
Manual Integrations
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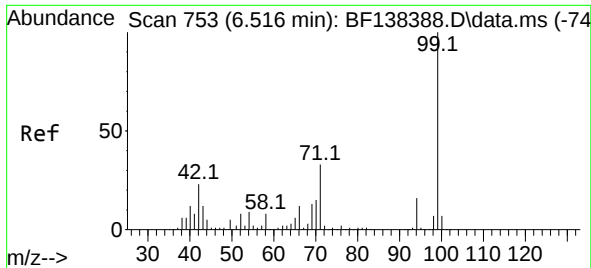
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#5
2-Fluorophenol
Concen: 104.847 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

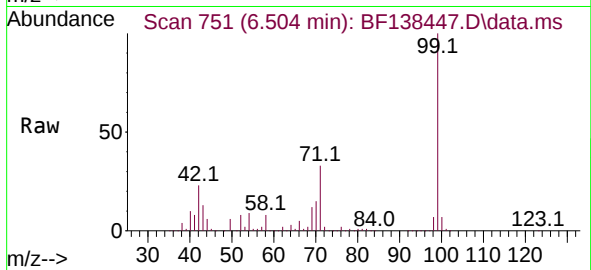
Tgt Ion:112 Resp: 888922
Ion Ratio Lower Upper
112 100
64 72.3 57.2 85.8
63 37.4 29.4 44.0





#7
Phenol-d6
Concen: 103.638 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

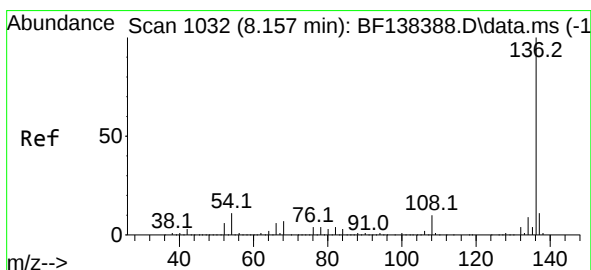
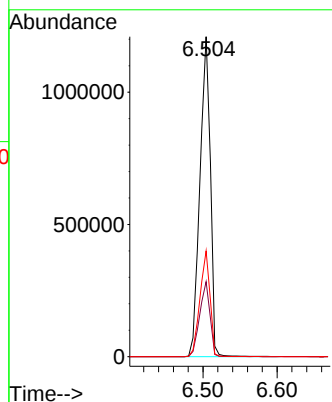
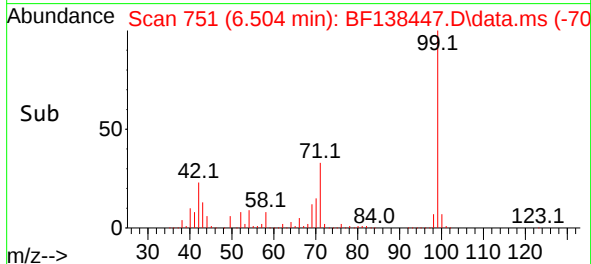
Instrument :
BNA_F
ClientSampleId :
B-140-SB01



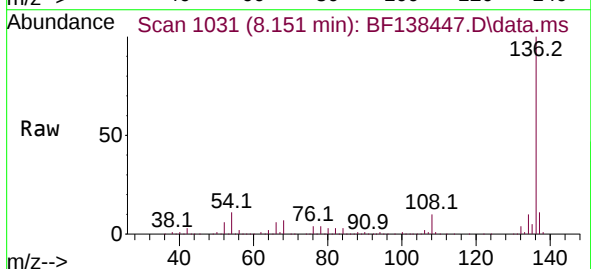
Tgt Ion: 99 Resp: 1183654
Ion Ratio Lower Upper
99 100
42 23.5 18.5 27.7
71 33.1 26.1 39.1

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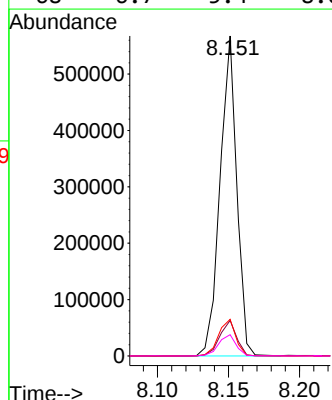
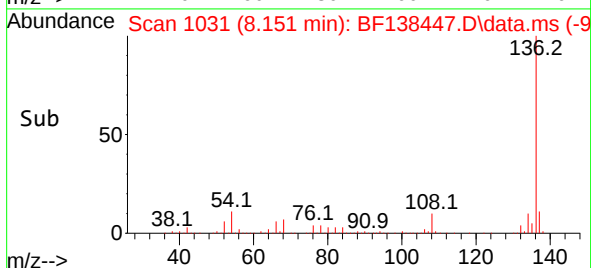
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

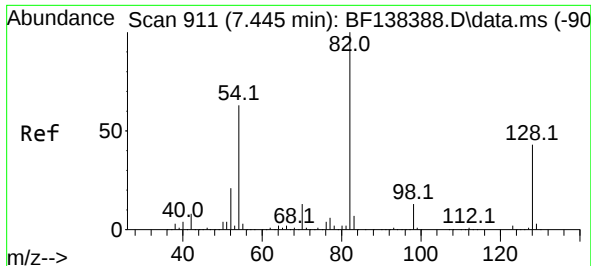


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42



Tgt Ion:136 Resp: 463996
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.4 9.0 13.4
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 83.582 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138447.D

Acq: 03 Jul 2024 15:42

Instrument :

BNA_F

ClientSampleId :

B-140-SB01

Tgt Ion: 82 Resp: 746549

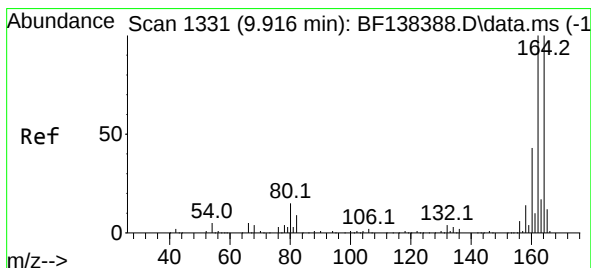
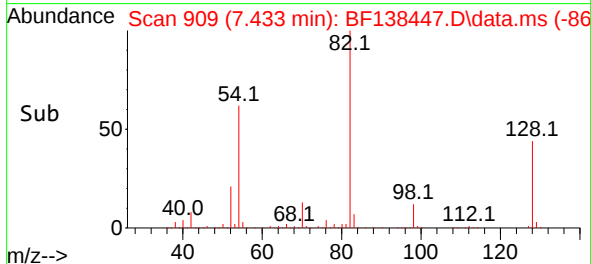
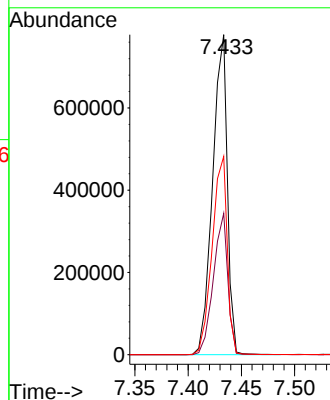
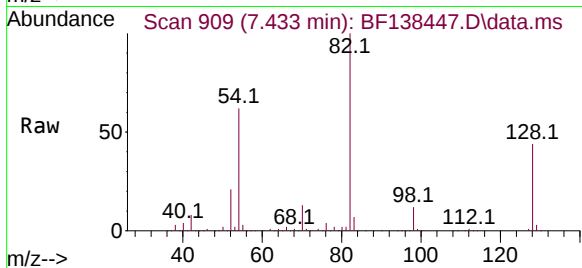
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	62.0	50.5	75.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

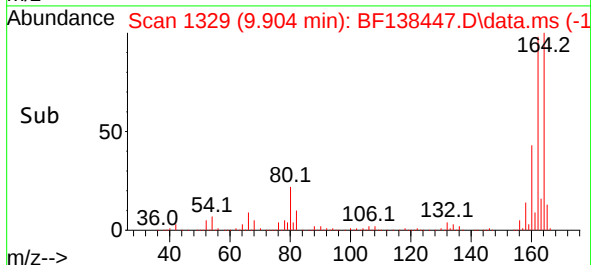
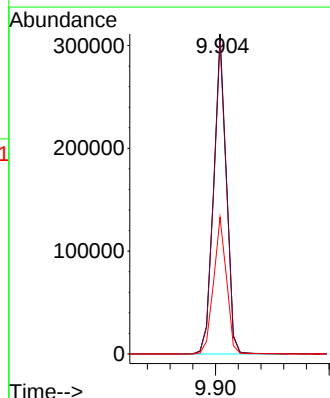
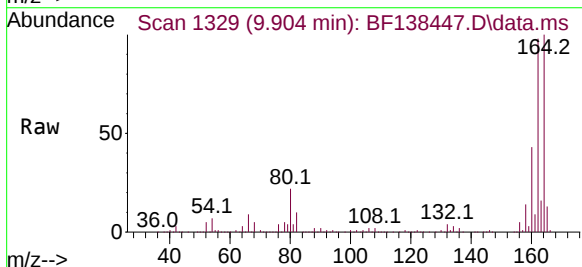
Delta R.T. -0.012 min

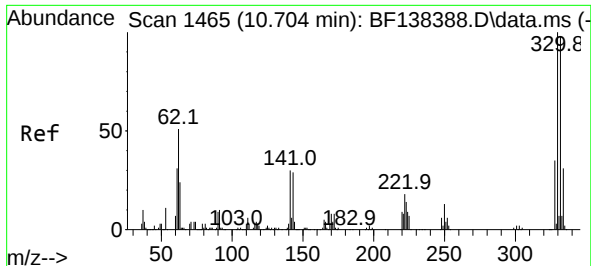
Lab File: BF138447.D

Acq: 03 Jul 2024 15:42

Tgt Ion:164 Resp: 240476

Ion	Ratio	Lower	Upper
164	100		
162	97.8	80.1	120.1
160	42.8	34.1	51.1





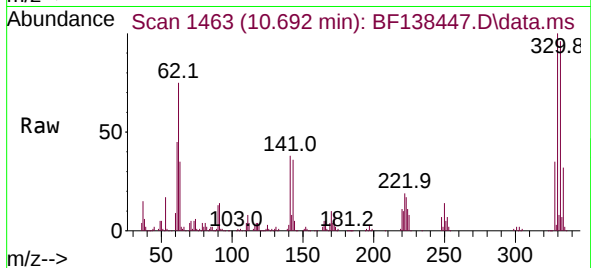
#42
2,4,6-Tribromophenol
Concen: 91.610 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

Instrument :

BNA_F

ClientSampleId :

B-140-SB01



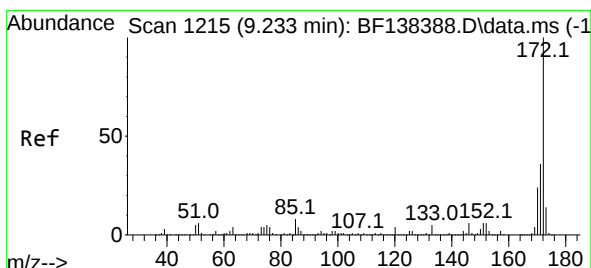
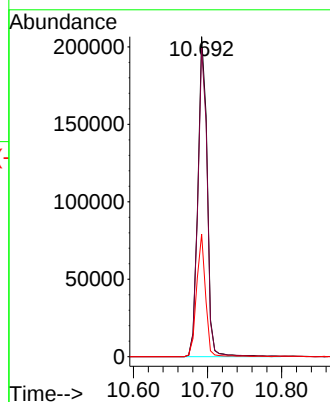
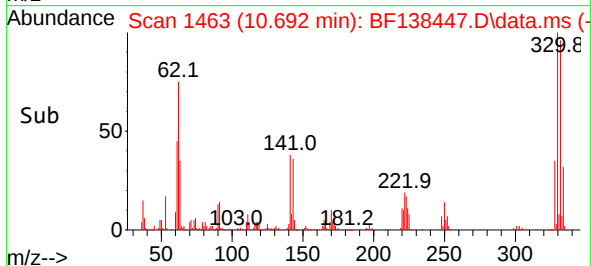
Tgt Ion:330 Resp: 17998
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 36.6 28.1 42.1

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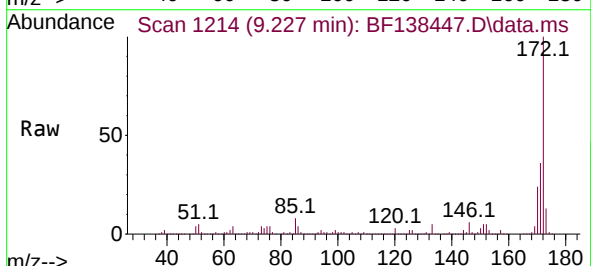
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

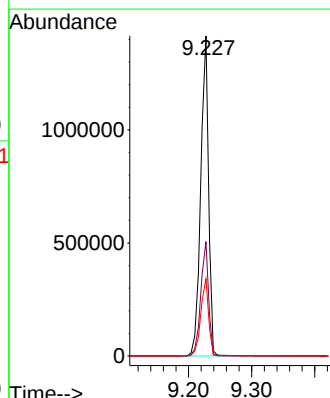
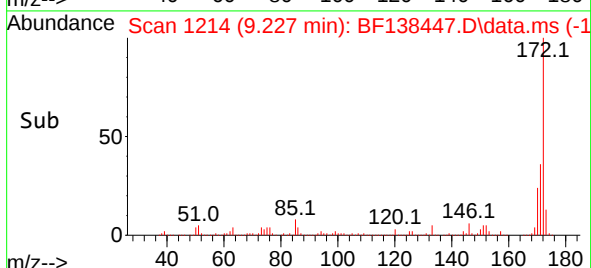
Supervised By :mohammad ahmed 07/05/2024

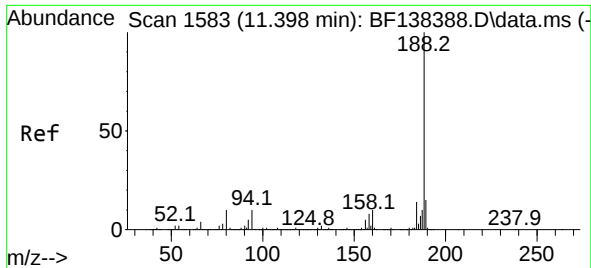


#45
2-Fluorobiphenyl
Concen: 80.603 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42



Tgt Ion:172 Resp: 1217947
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.1 19.0 28.6





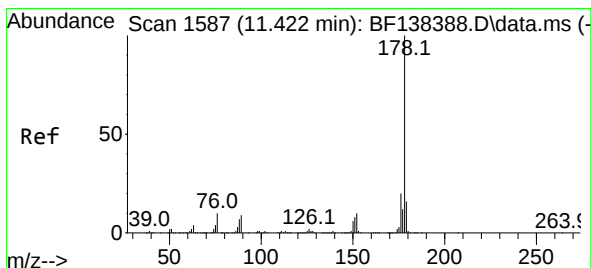
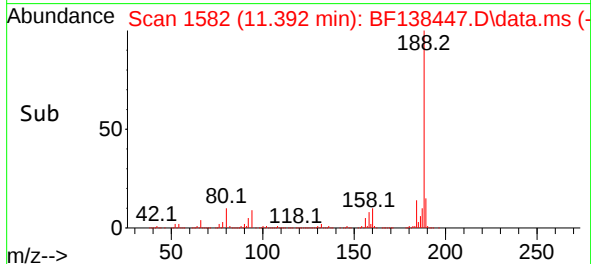
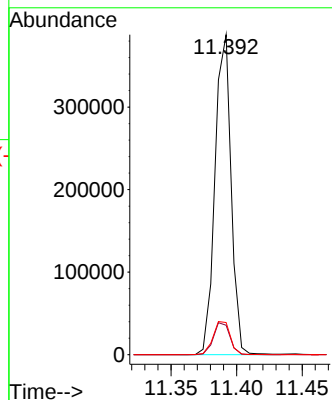
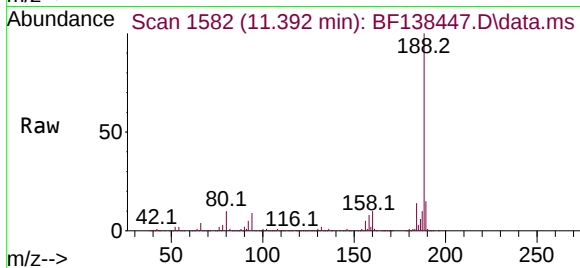
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

Instrument :
BNA_F
ClientSampleId :
B-140-SB01

Tgt Ion:188 Resp: 330929
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.1 8.2 12.4

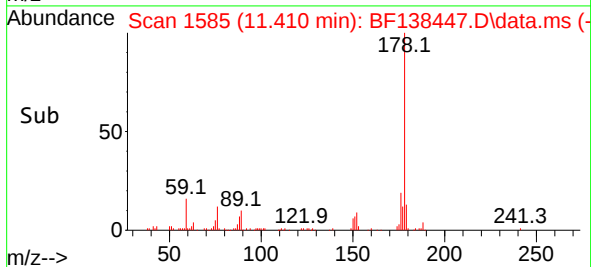
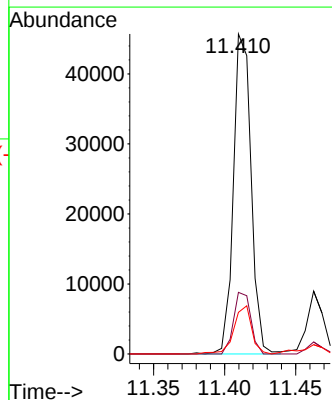
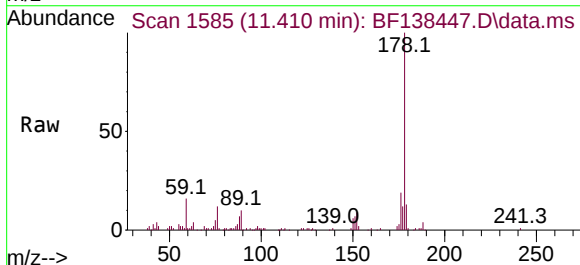
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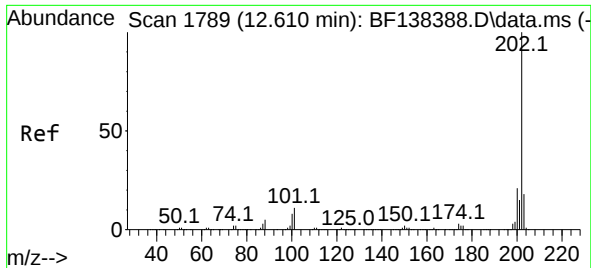
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#71
Phenanthrene
Concen: 2.460 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

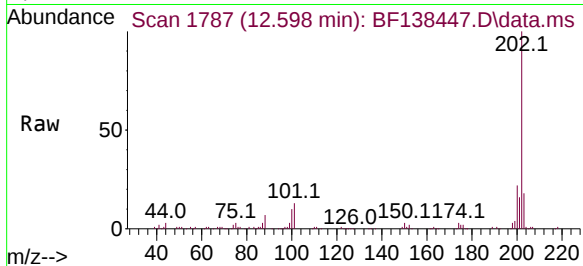
Tgt Ion:178 Resp: 39749
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 13.0 12.6 18.8





#75
Fluoranthene
Concen: 3.439 ng
RT: 12.598 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

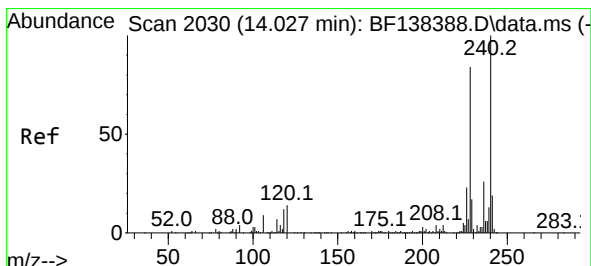
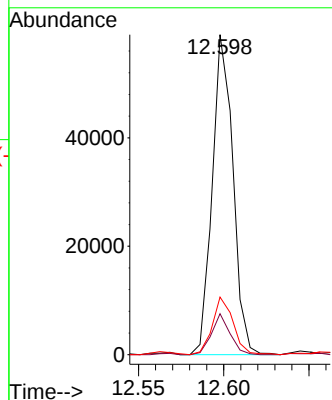
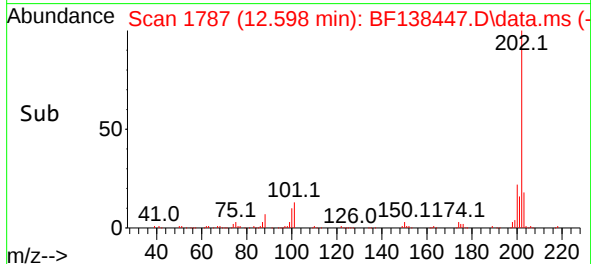
Instrument :
BNA_F
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B-140-SB01



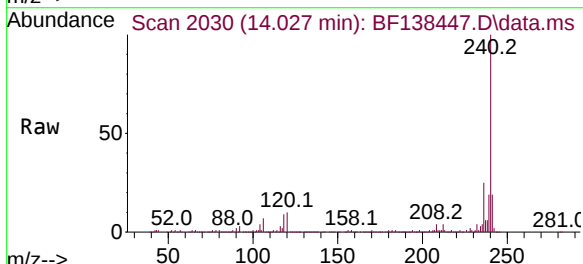
Tgt Ion: 202 Resp: 49810
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.5
203 18.0 0.0 37.6

Manual Integrations
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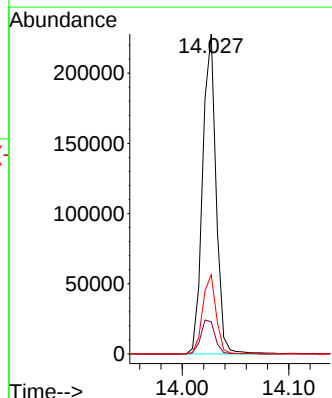
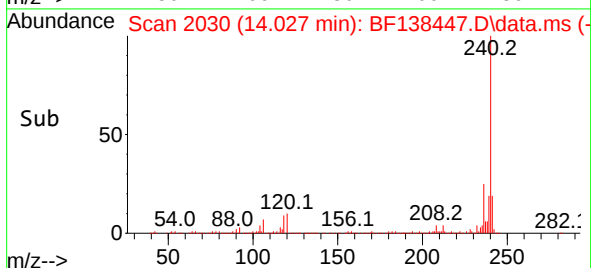
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

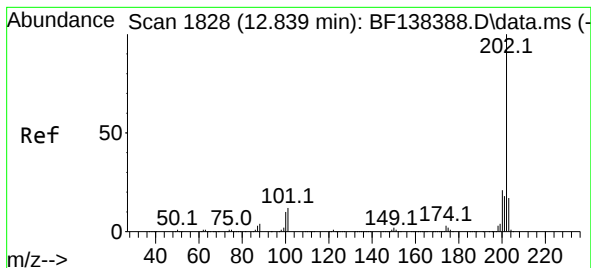


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42



Tgt Ion: 240 Resp: 201067
Ion Ratio Lower Upper
240 100
120 10.1 10.9 16.3#
236 24.8 20.6 30.8





#78

Pyrene

Concen: 2.451 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF138447.D

Acq: 03 Jul 2024 15:42

Instrument :

BNA_F

ClientSampleId :

B-140-SB01

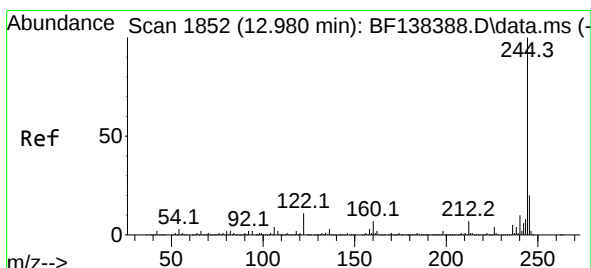
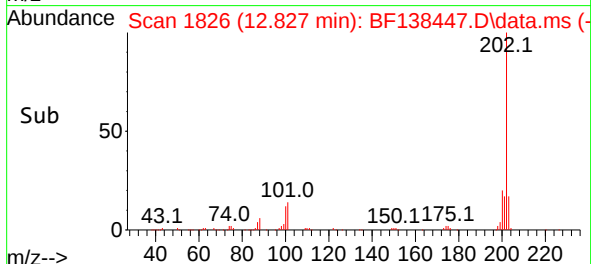
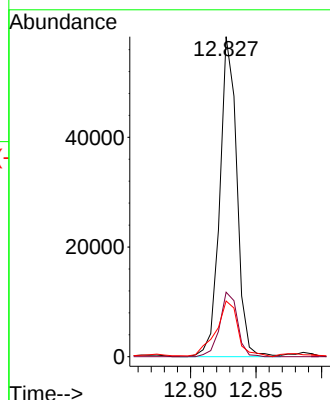
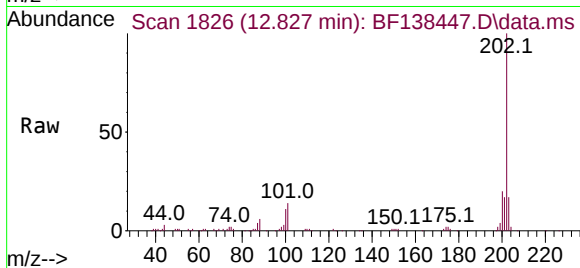
Tgt Ion:	202	Resp:	52670
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.9	25.3
203	17.4	13.8	20.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 51.126 ng

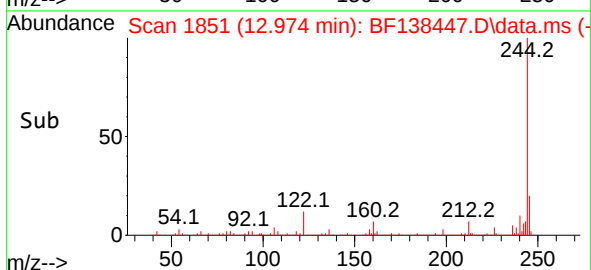
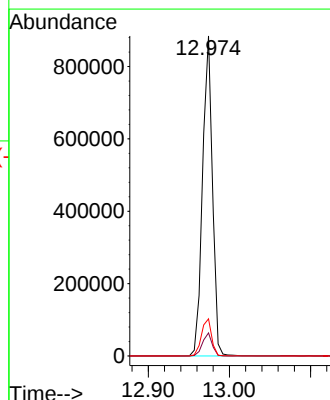
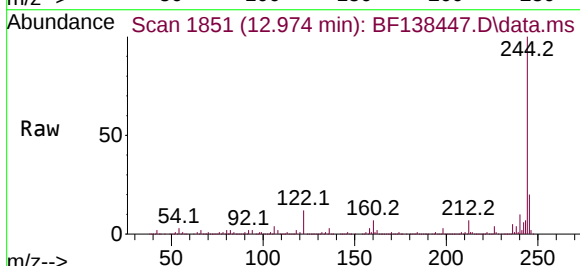
RT: 12.974 min Scan# 1851

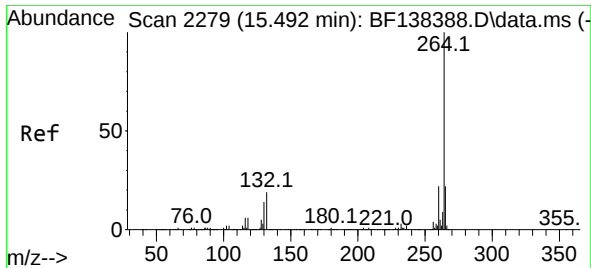
Delta R.T. -0.006 min

Lab File: BF138447.D

Acq: 03 Jul 2024 15:42

Tgt Ion:	244	Resp:	750111
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.6	8.4
122	11.6	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

Instrument :

BNA_F

ClientSampleId :

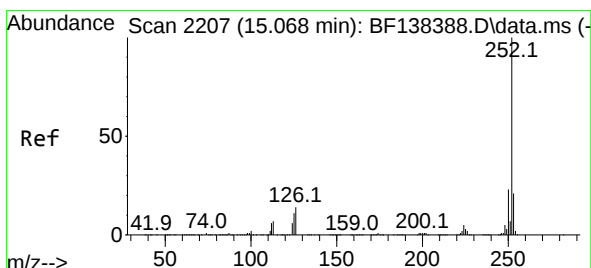
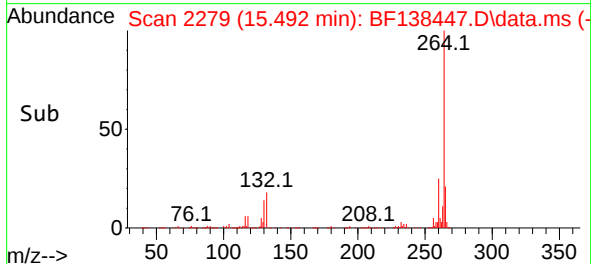
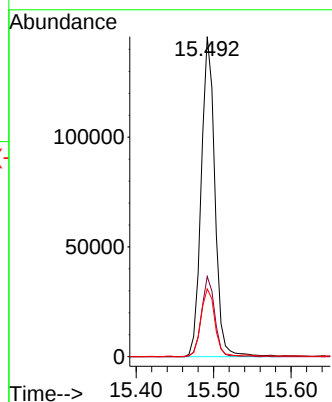
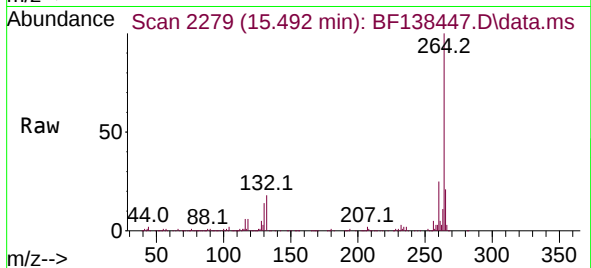
B-140-SB01

Tgt Ion:264 Resp: 17826
Ion Ratio Lower Upper
264 100
260 25.0 17.8 26.6
265 21.2 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#88
Benzo(b)fluoranthene
Concen: 2.366 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF138447.D
Acq: 03 Jul 2024 15:42

Tgt Ion:252 Resp: 23138
Ion Ratio Lower Upper
252 100
253 26.5 17.0 25.4#
125 12.4 8.6 12.8

