

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137021.D
 Acq On : 10 Jan 2024 15:47
 Operator : CG\JU
 Sample : P1085-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 16:10:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	48858	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	178251	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	81396	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	131556	20.000	ng	0.00
76) Chrysene-d12	13.974	240	116647	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	138685	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	253204	80.861	ng	0.00
7) Phenol-d6	6.434	99	305065	75.186	ng	0.00
23) Nitrobenzene-d5	7.345	82	183892	52.790	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	66794	69.677	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	339052	56.025	ng	-0.02
79) Terphenyl-d14	12.904	244	302462	36.236	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	15343	2.273	ng	95
75) Fluoranthene	12.533	202	23549	3.261	ng	96
83) Chrysene	13.998	228	17639	2.227	ng	93
88) Benzo(b)fluoranthene	15.021	252	24932m	2.692	ng	

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

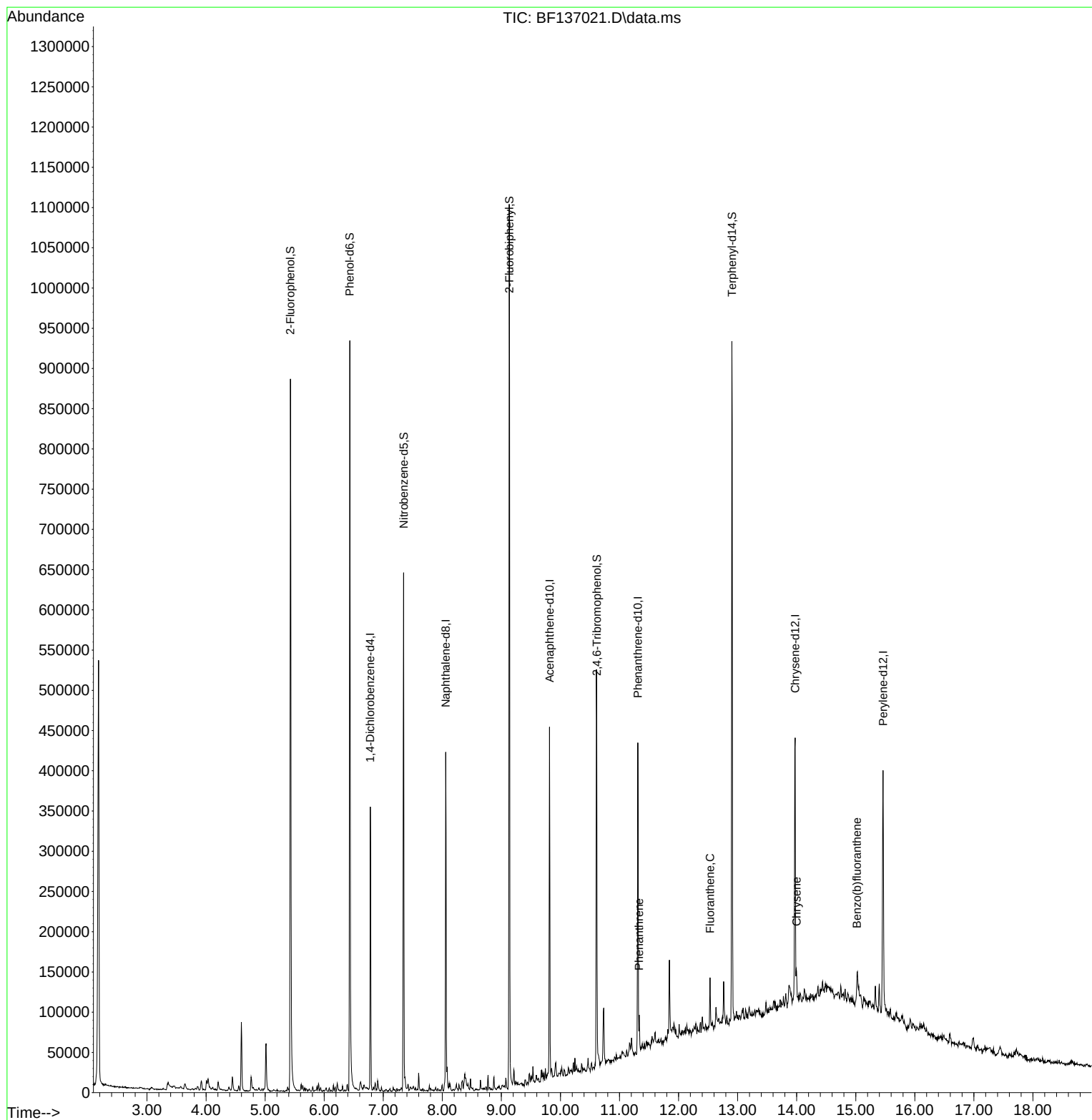
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
Data File : BF137021.D
Acq On : 10 Jan 2024 15:47
Operator : CG\JU
Sample : P1085-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

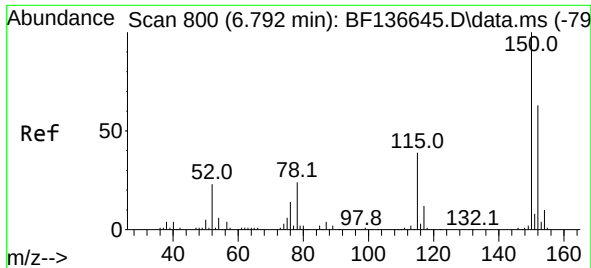
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Jan 10 16:10:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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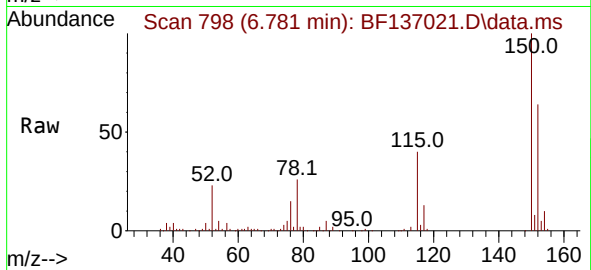
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47

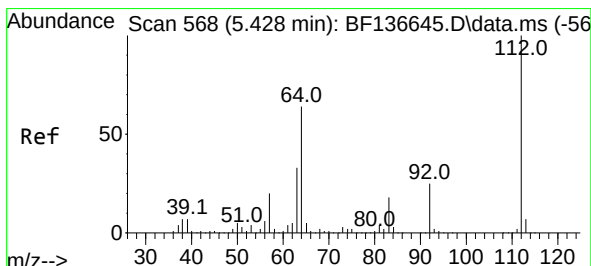
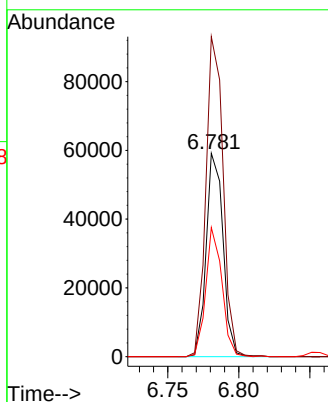
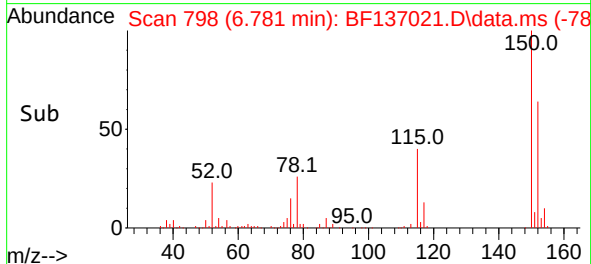
Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:152 Resp: 48858
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 63.5 49.0 73.4

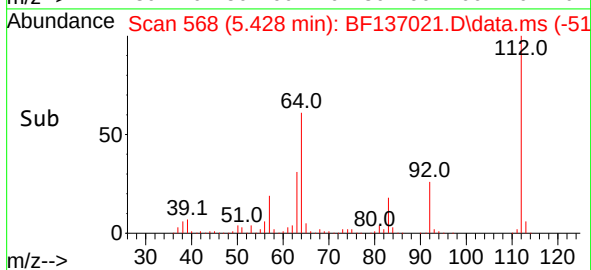
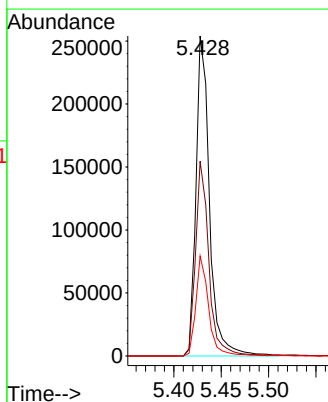
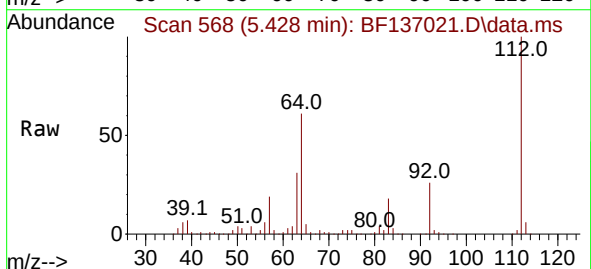
Manual Integrations
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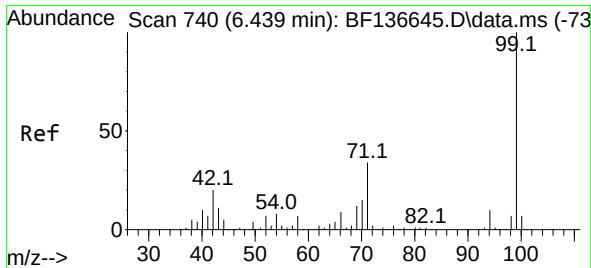
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#5
2-Fluorophenol
Concen: 80.861 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47

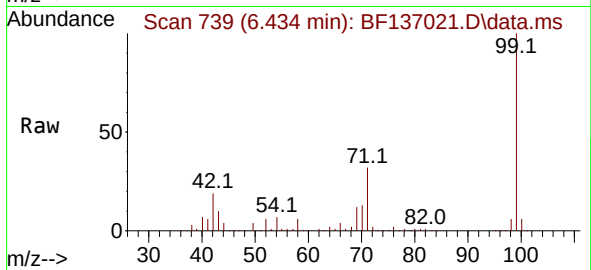
Tgt Ion:112 Resp: 253204
Ion Ratio Lower Upper
112 100
64 60.9 51.1 76.7
63 31.2 26.1 39.1





#7
Phenol-d6
Concen: 75.186 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47

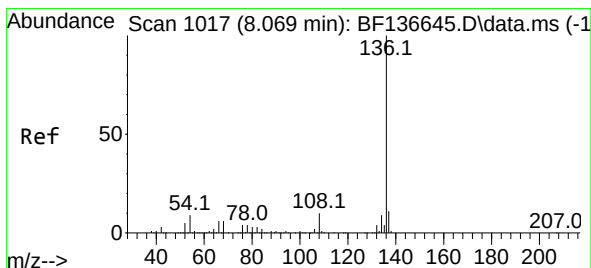
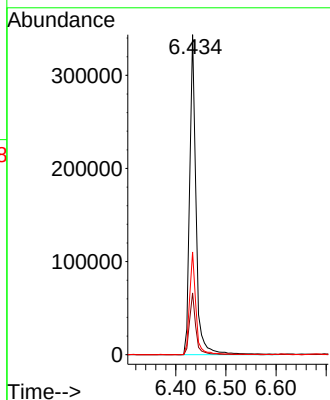
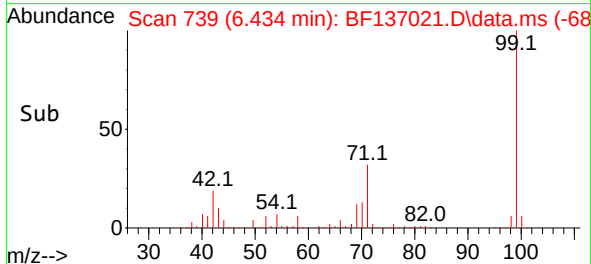
Instrument :
BNA_F
ClientSampleId :
TP-3



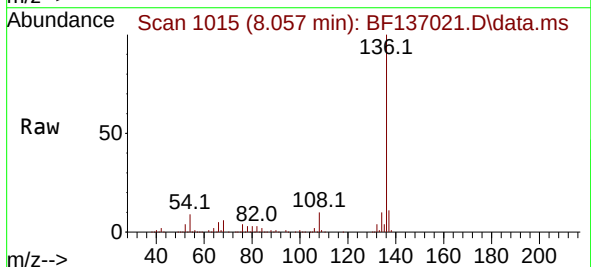
Tgt Ion: 99 Resp: 30506
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.1 27.4 41.2

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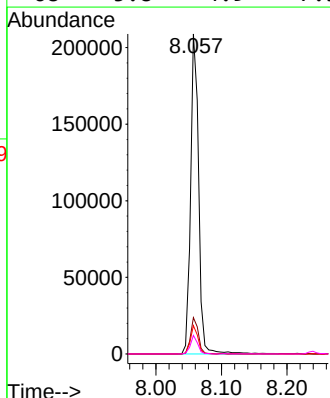
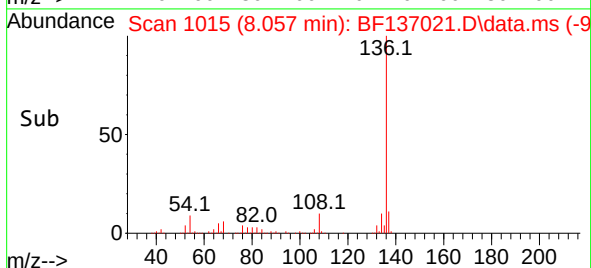
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

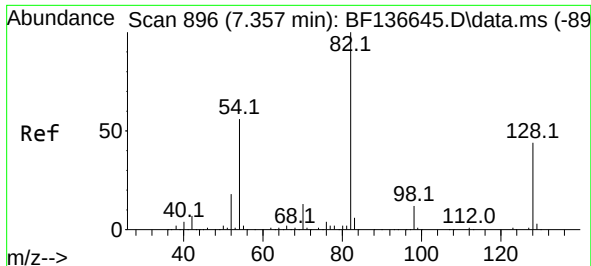


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47



Tgt Ion:136 Resp: 178251
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.9 7.2 10.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 52.790 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137021.D

Acq: 10 Jan 2024 15:47

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion: 82 Resp: 18389

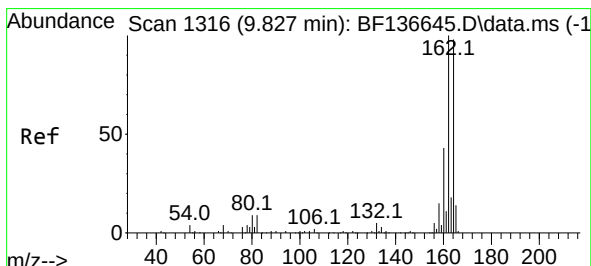
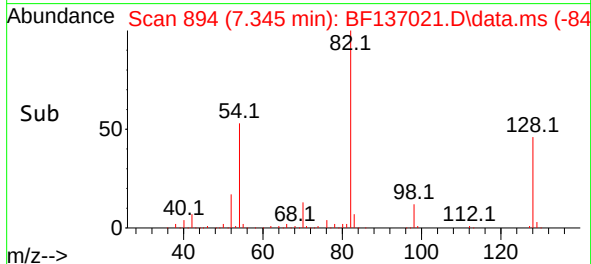
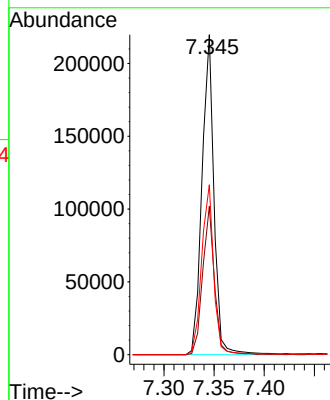
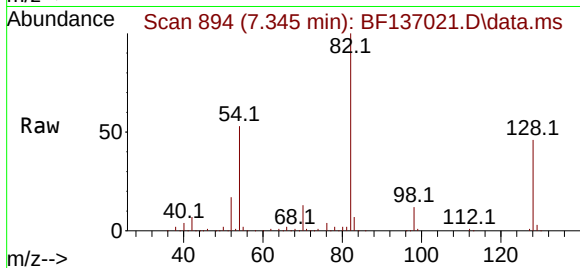
Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.3	52.9
54	53.1	44.5	66.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

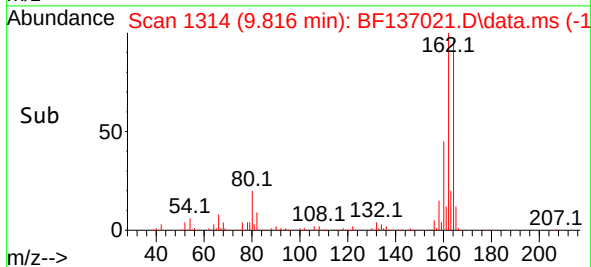
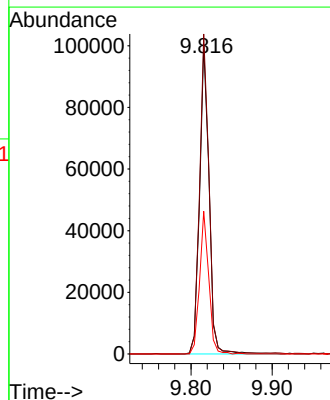
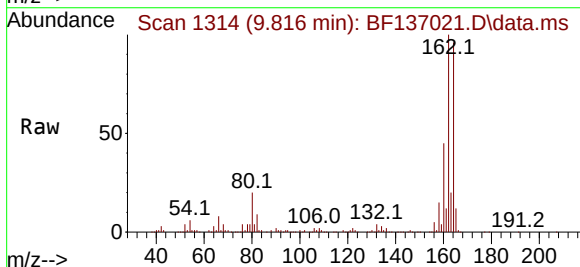
Delta R.T. -0.012 min

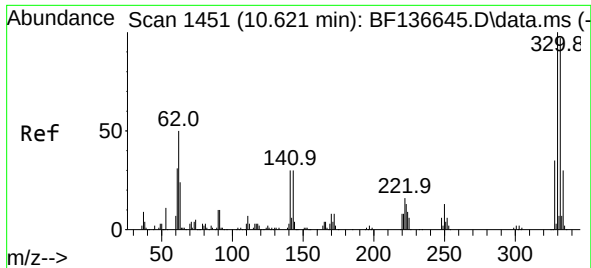
Lab File: BF137021.D

Acq: 10 Jan 2024 15:47

Tgt Ion:164 Resp: 81396

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.6	122.4
160	46.4	34.9	52.3





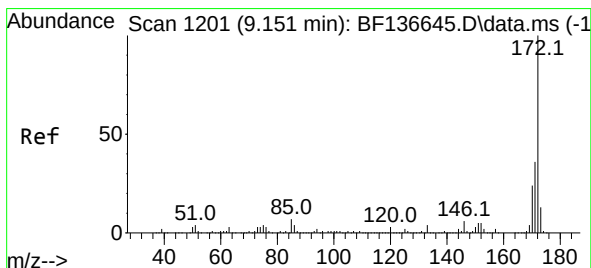
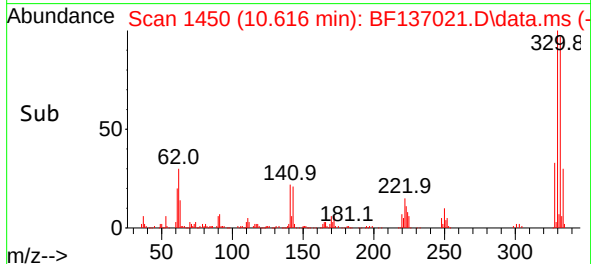
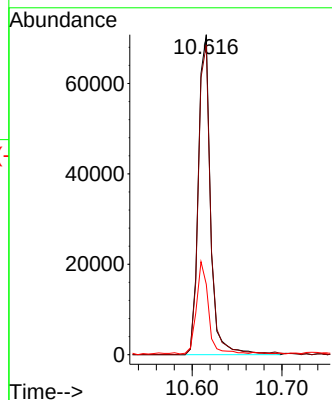
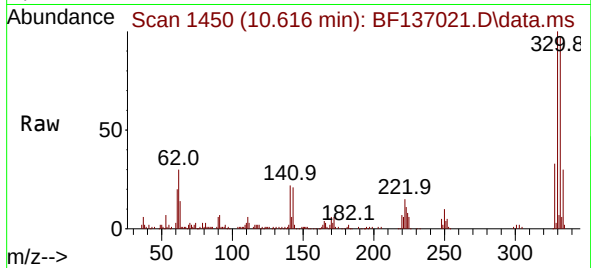
#42
2,4,6-Tribromophenol
Concen: 69.677 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:330 Resp: 66794
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 28.0 23.4 35.2

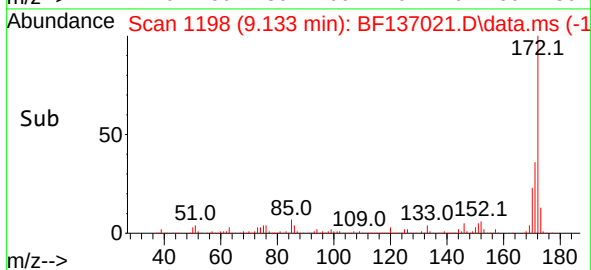
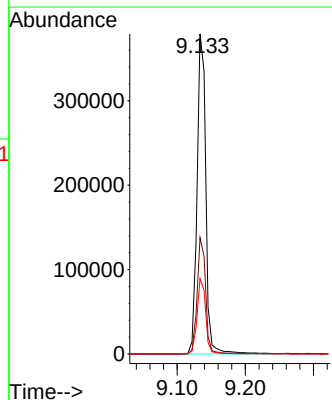
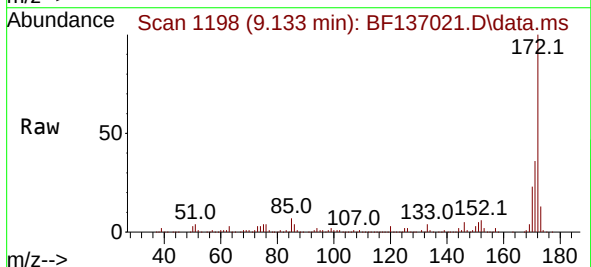
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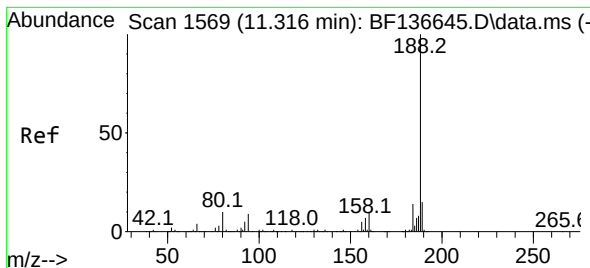
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#45
2-Fluorobiphenyl
Concen: 56.025 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47

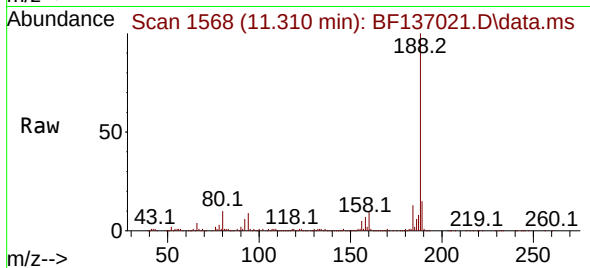
Tgt Ion:172 Resp: 339052
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.5 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47

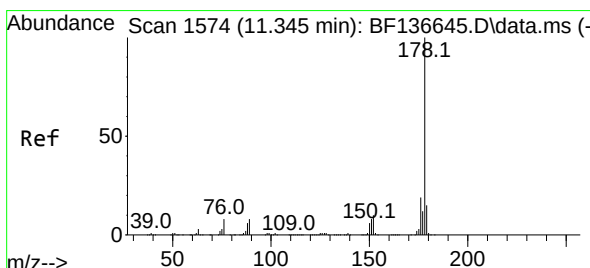
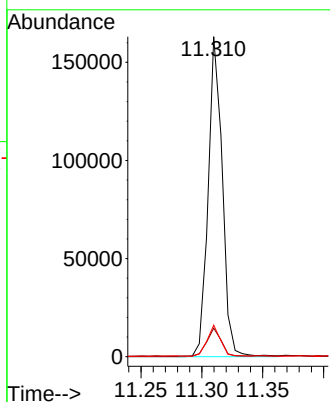
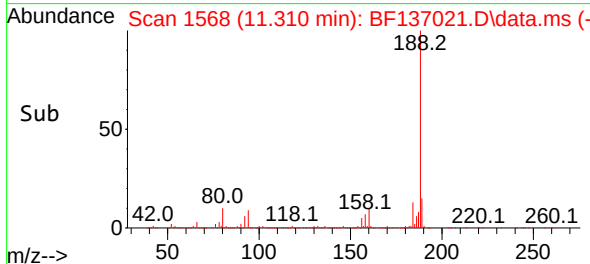
Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:188 Resp: 131550
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.8 8.1 12.1

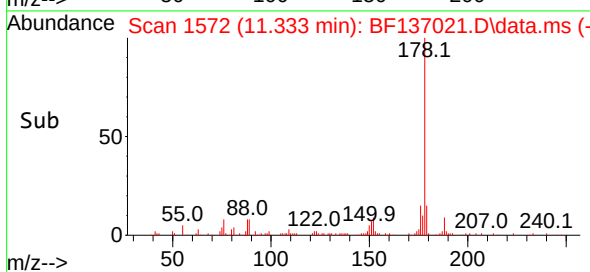
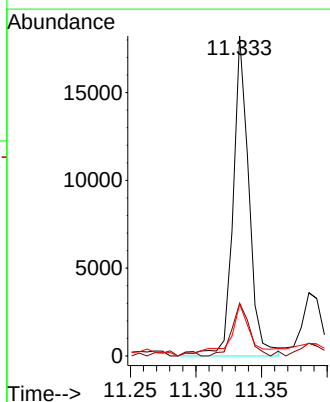
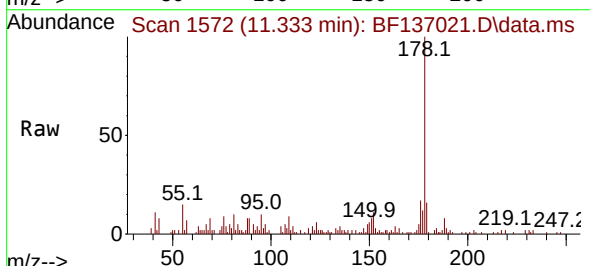
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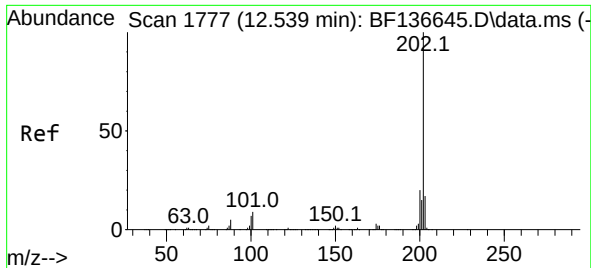
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#71
Phenanthrene
Concen: 2.273 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47

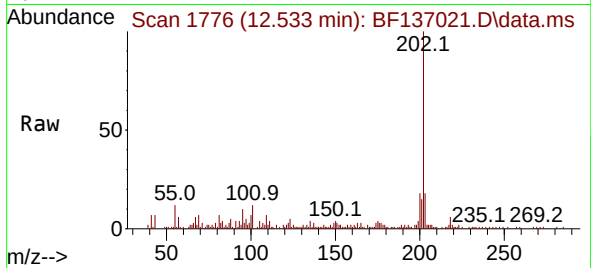
Tgt Ion:178 Resp: 15343
Ion Ratio Lower Upper
178 100
176 16.5 15.3 22.9
179 16.2 11.9 17.9





#75
Fluoranthene
Concen: 3.261 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47

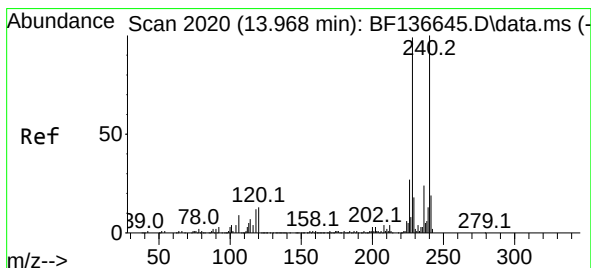
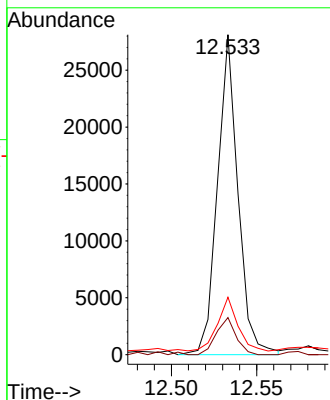
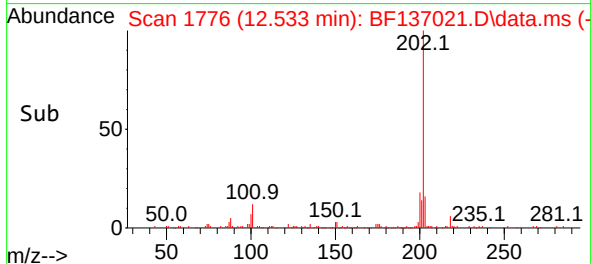
Instrument :
BNA_F
ClientSampleId :
TP-3



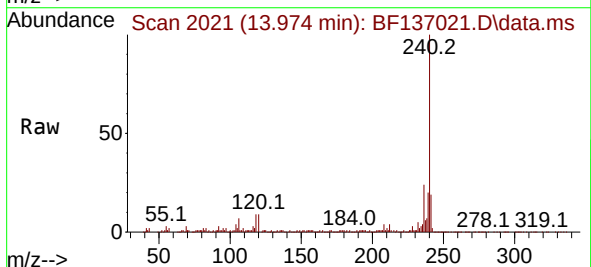
Tgt Ion:202 Resp: 23549
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.3
203 18.0 0.0 37.1

Manual Integrations
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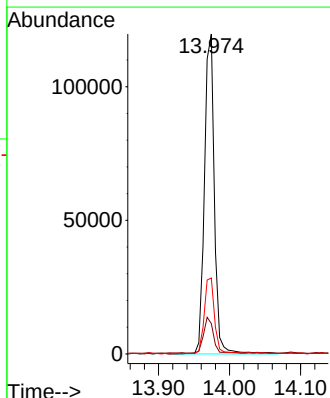
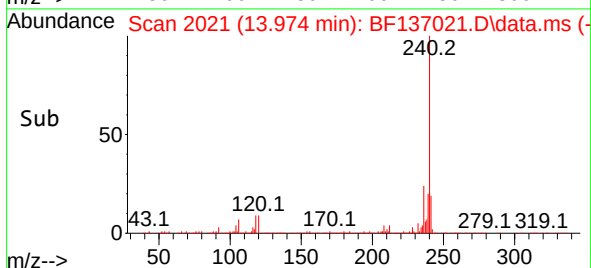
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

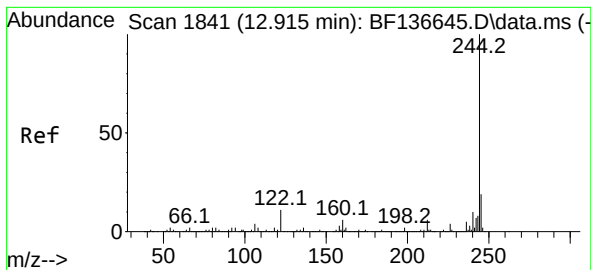


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137021.D
Acq: 10 Jan 2024 15:47



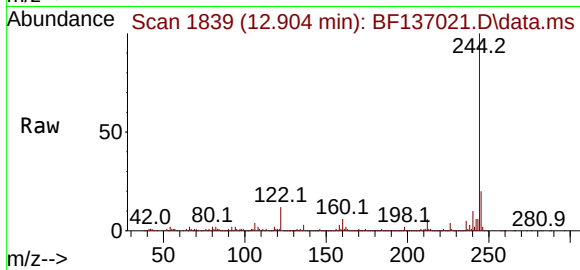
Tgt Ion:240 Resp: 116647
Ion Ratio Lower Upper
240 100
120 9.5 10.3 15.5#
236 23.8 19.4 29.2





#79
 Terphenyl-d14
 Concen: 36.236 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137021.D
 Acq: 10 Jan 2024 15:47

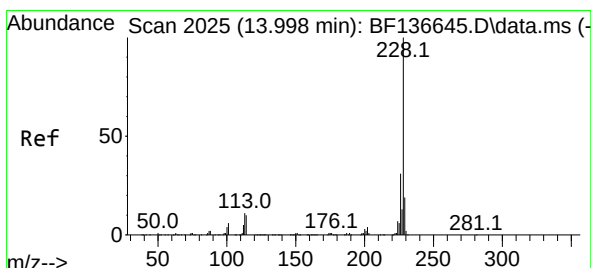
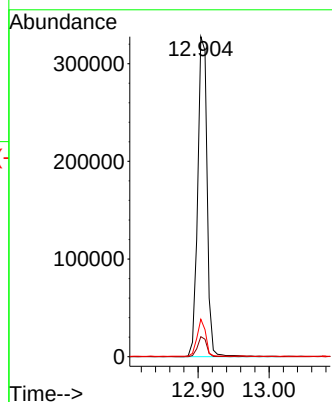
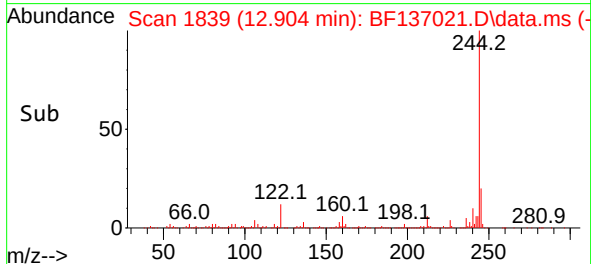
Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:244 Resp: 302462
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.7 9.0 13.4

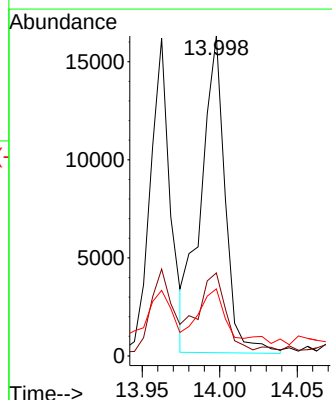
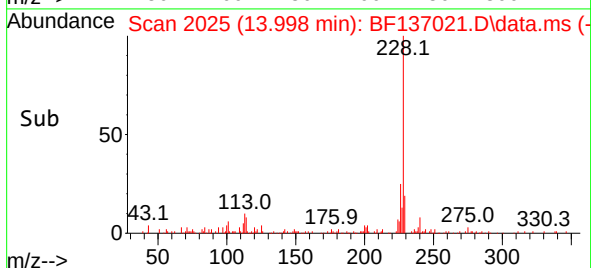
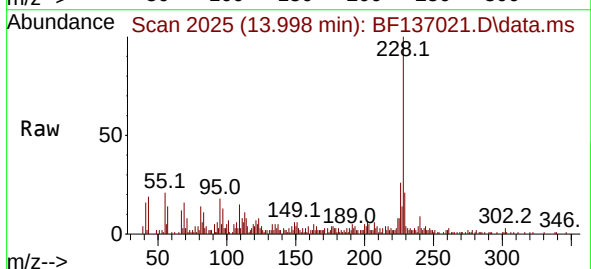
Manual Integrations
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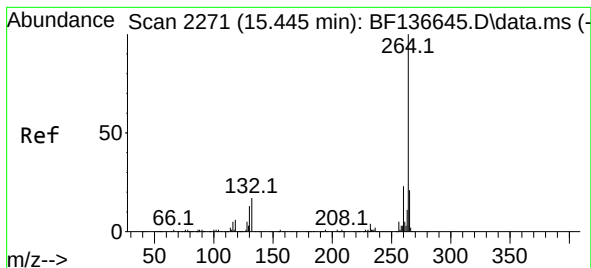
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024



#83
 Chrysene
 Concen: 2.227 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: BF137021.D
 Acq: 10 Jan 2024 15:47

Tgt Ion:228 Resp: 17639
 Ion Ratio Lower Upper
 228 100
 226 26.0 24.7 37.1
 229 21.0 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF137021.D

Acq: 10 Jan 2024 15:47

Instrument :

BNA_F

ClientSampleId :

TP-3

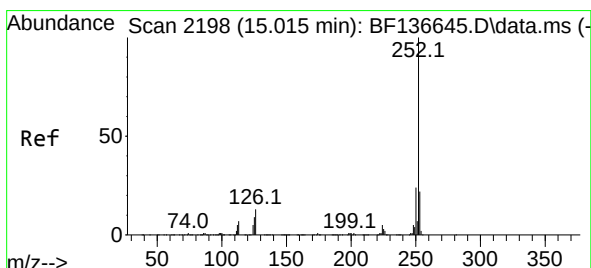
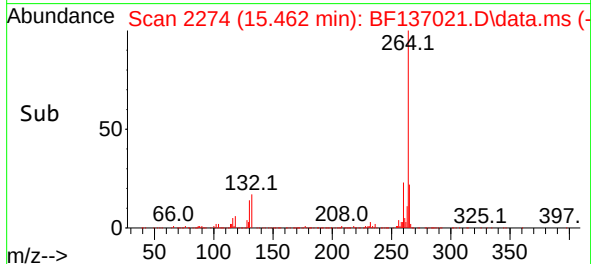
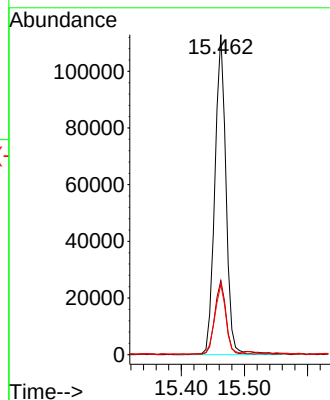
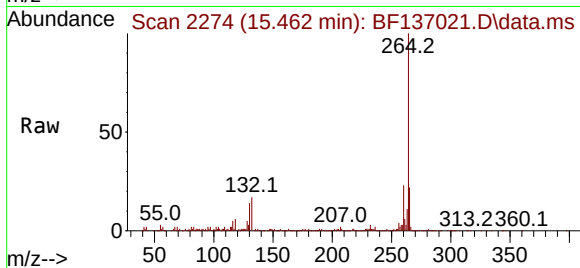
Tgt Ion:264	Resp: 13868
Ion Ratio	Lower Upper
264	100
260	23.1 18.3 27.5
265	22.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#88

Benzo(b)fluoranthene

Concen: 2.692 ng m

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137021.D

Acq: 10 Jan 2024 15:47

Tgt Ion:252	Resp: 24932
Ion Ratio	Lower Upper
252	100
253	22.1 17.4 26.0
125	14.3 7.4 11.2#

