

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136951.D
 Acq On : 04 Jan 2024 20:46
 Operator : CG\JU
 Sample : 06031-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-321-0-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 00:43:32 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	51235	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	188427	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	91992	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	174147	20.000	ng	0.00
76) Chrysene-d12	13.963	240	117872	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	135328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	260699	79.392	ng	0.00
7) Phenol-d6	6.434	99	330735	77.731	ng	0.00
23) Nitrobenzene-d5	7.345	82	199053	54.057	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	84084	77.610	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	388367	56.782	ng	-0.02
79) Terphenyl-d14	12.904	244	376892	44.684	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	24564m	2.749	ng	
75) Fluoranthene	12.527	202	54387	5.690	ng	97
78) Pyrene	12.757	202	48685	4.207	ng	98
81) Benzo(a)anthracene	13.951	228	32020	3.912	ng	97
83) Chrysene	13.992	228	33021	4.126	ng	95
88) Benzo(b)fluoranthene	15.015	252	36448	4.032	ng	# 96
90) Benzo(a)pyrene	15.386	252	25905	3.395	ng	93

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

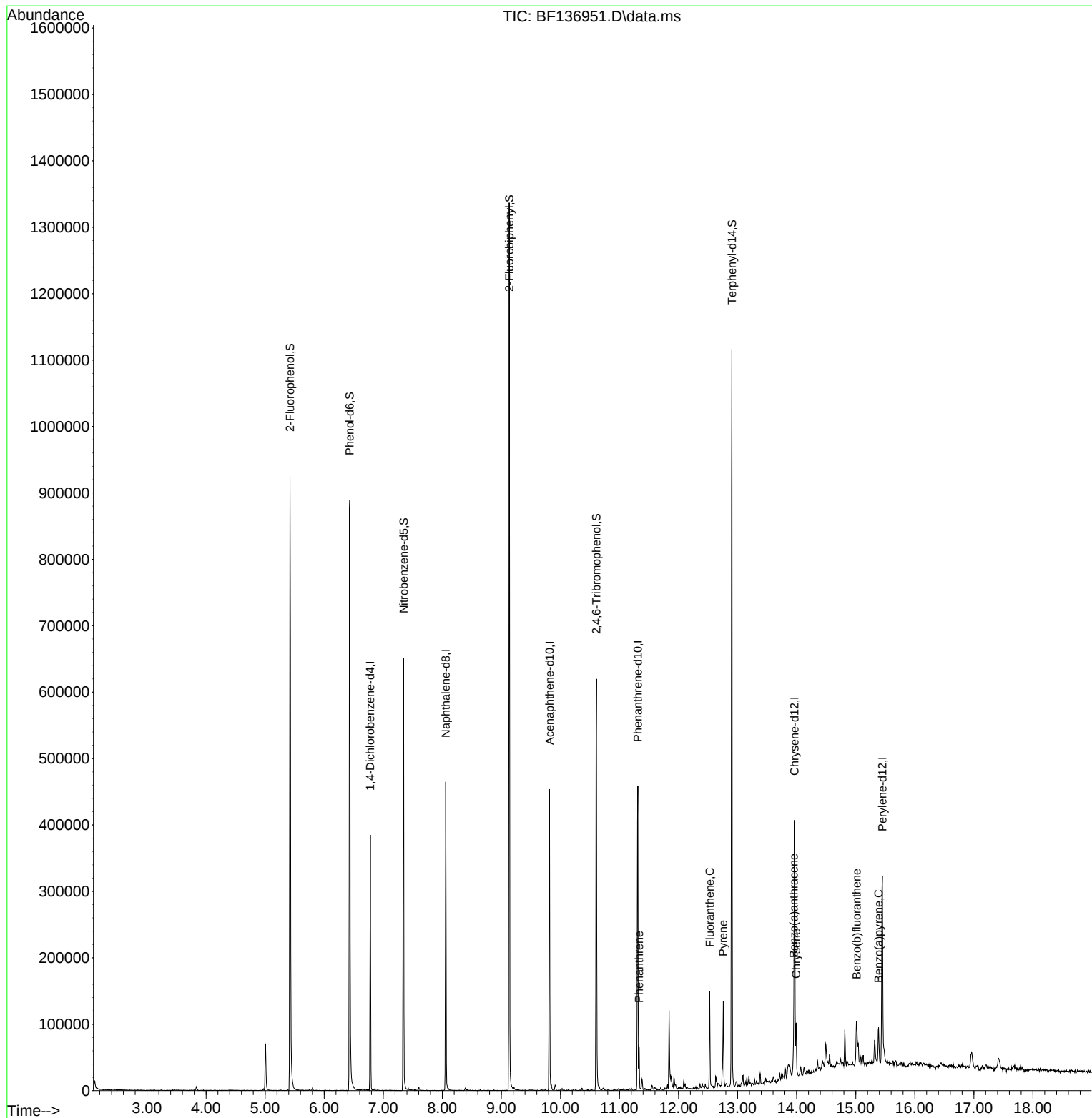
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136951.D
Acq On : 04 Jan 2024 20:46
Operator : CG\JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

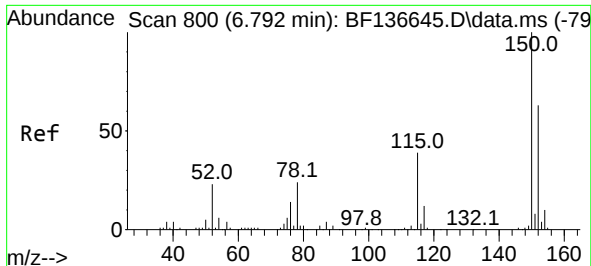
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

Quant Time: Jan 05 00:43:32 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

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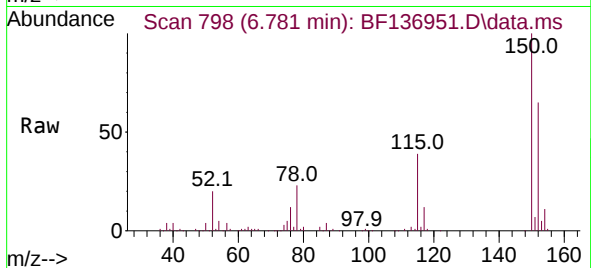
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

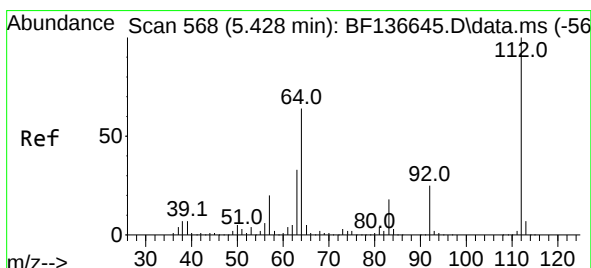
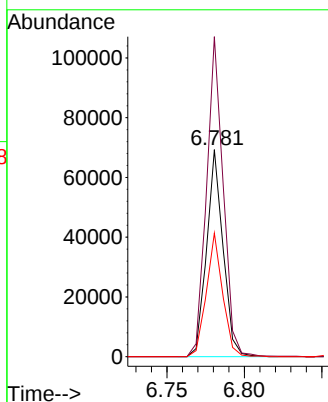
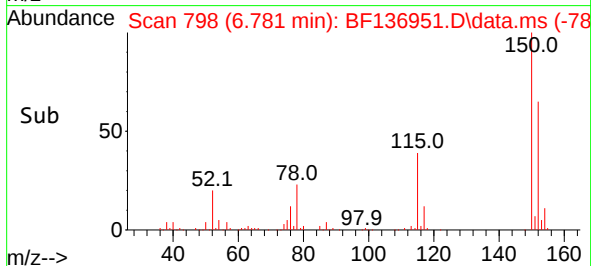
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2



Tgt Ion:152 Resp: 51238
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 59.7 49.0 73.4

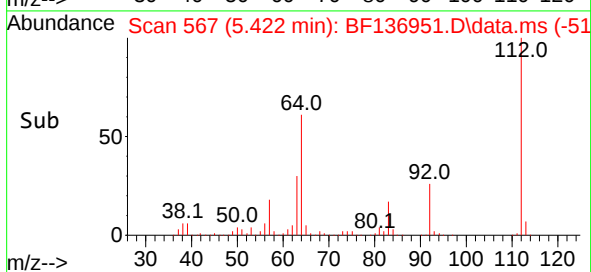
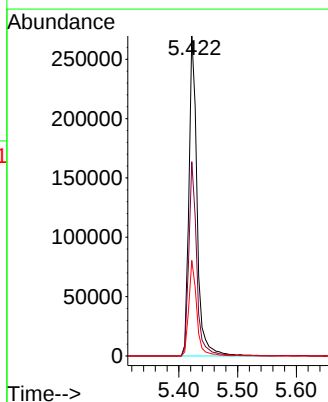
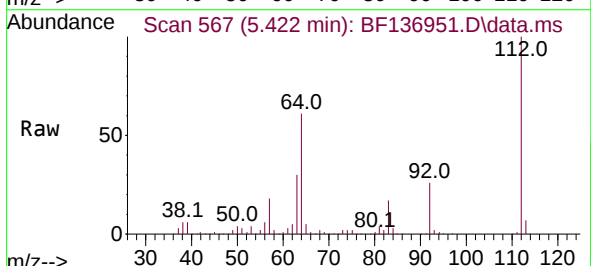
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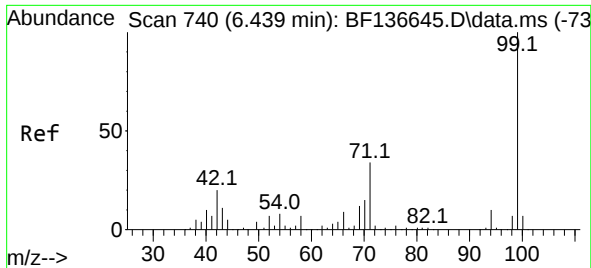
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#5
2-Fluorophenol
Concen: 79.392 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

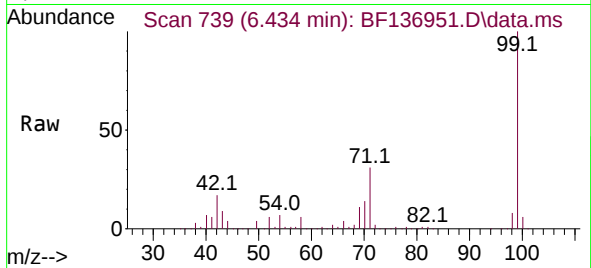
Tgt Ion:112 Resp: 260699
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 29.9 26.1 39.1





#7
Phenol-d6
Concen: 77.731 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

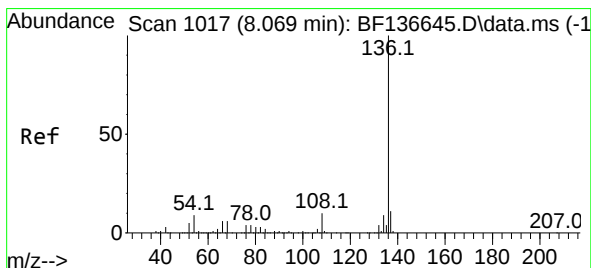
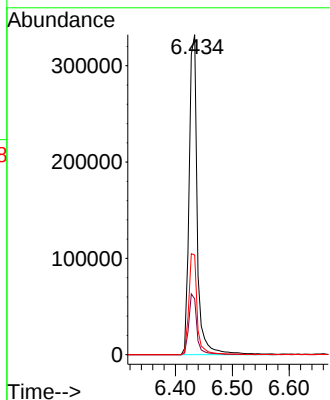
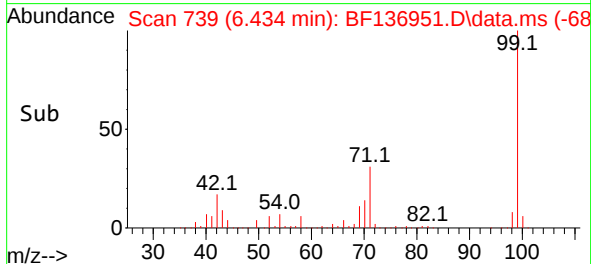
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2



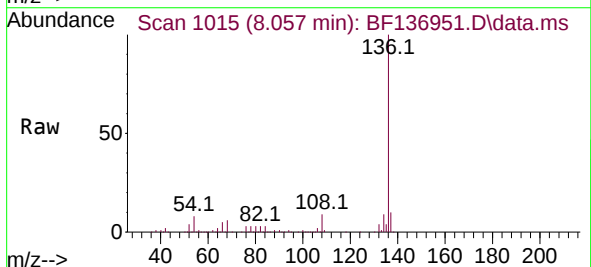
Tgt Ion: 99 Resp: 330735
Ion Ratio Lower Upper
99 100
42 17.5 16.1 24.1
71 31.2 27.4 41.2

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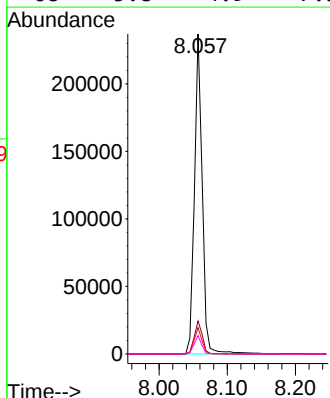
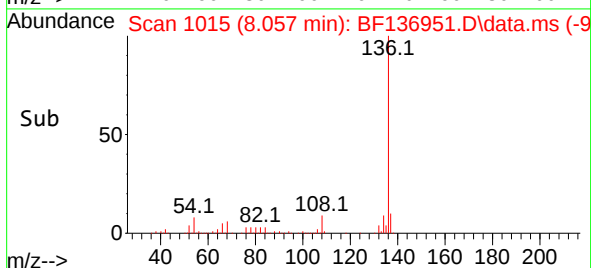
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

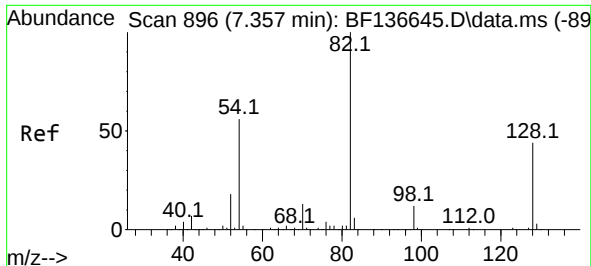


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46



Tgt Ion:136 Resp: 188427
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 8.2 7.2 10.8
68 5.8 4.9 7.3





#23
Nitrobenzene-d5
Concen: 54.057 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Instrument :

BNA_F

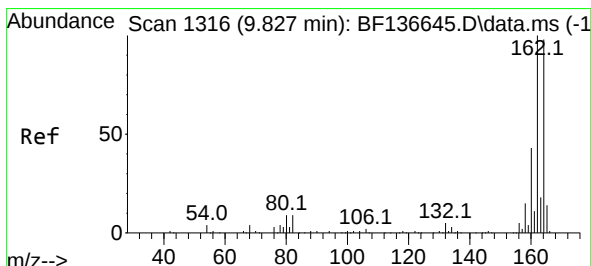
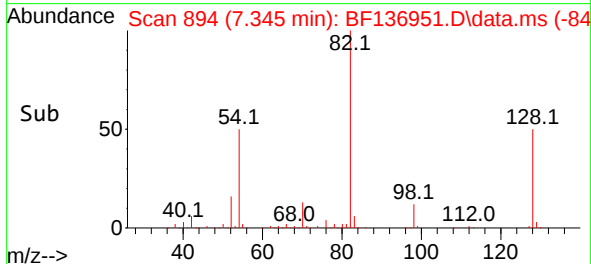
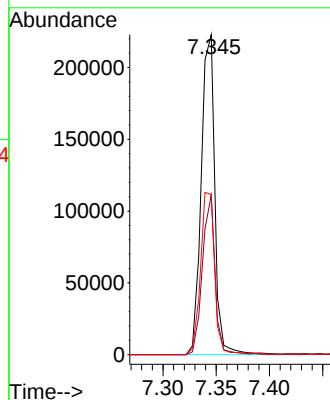
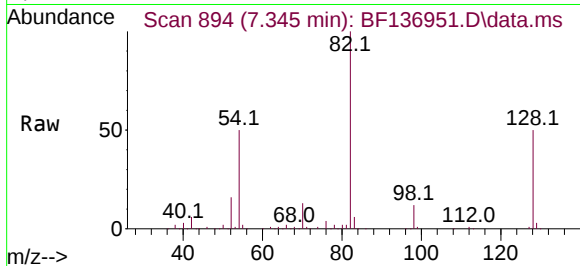
ClientSampleId :

MR-321-0-2

Tgt Ion: 82 Resp: 19905
Ion Ratio Lower Upper
82 100
128 49.8 35.3 52.9
54 50.0 44.5 66.7

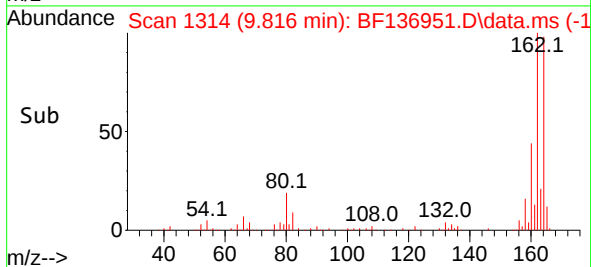
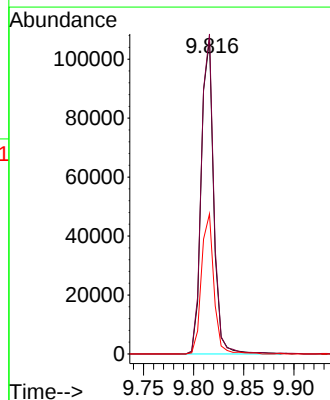
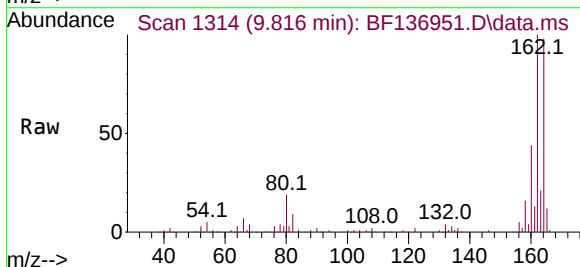
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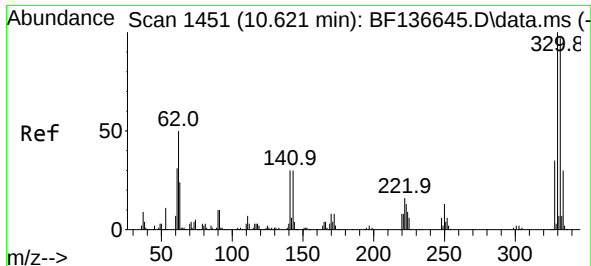
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion:164 Resp: 91992
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 44.5 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 77.610 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Instrument :

BNA_F

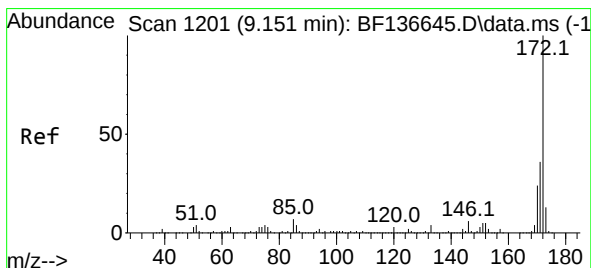
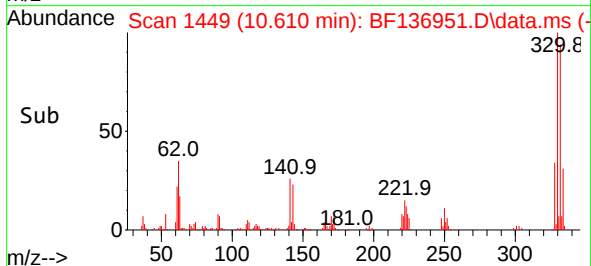
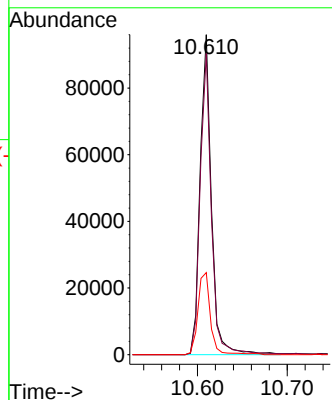
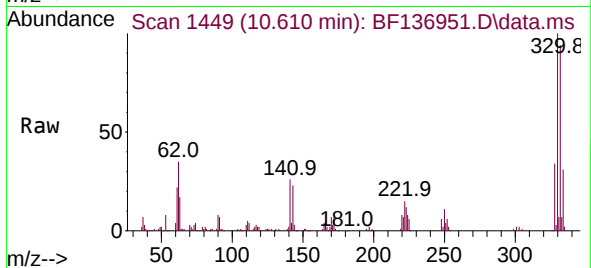
ClientSampleId :

MR-321-0-2

Tgt Ion:330 Resp: 84084
Ion Ratio Lower Upper
330 100
332 93.6 77.4 116.0
141 28.4 23.4 35.2

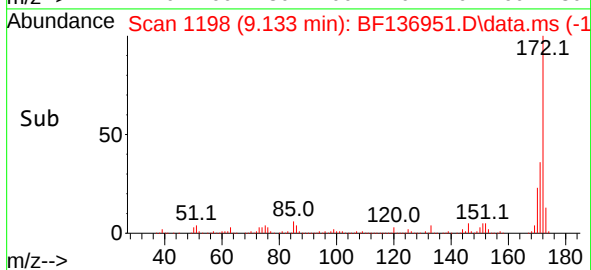
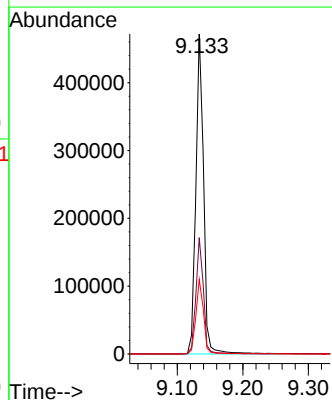
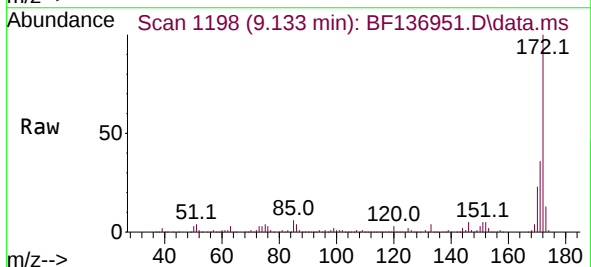
Manual Integrations
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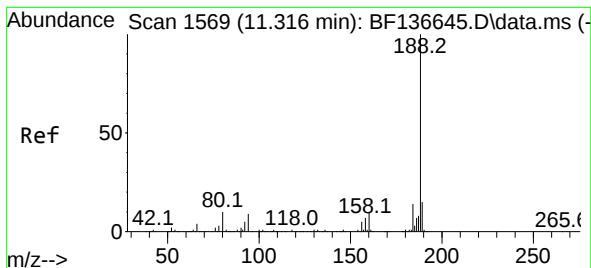
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#45
2-Fluorobiphenyl
Concen: 56.782 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion:172 Resp: 388367
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 23.2 19.0 28.4





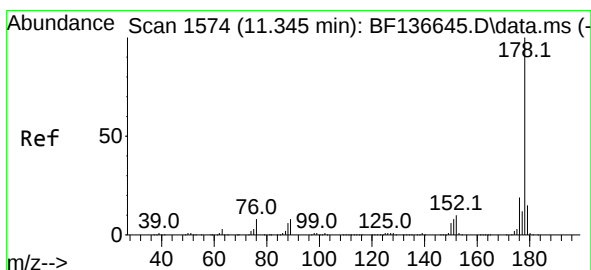
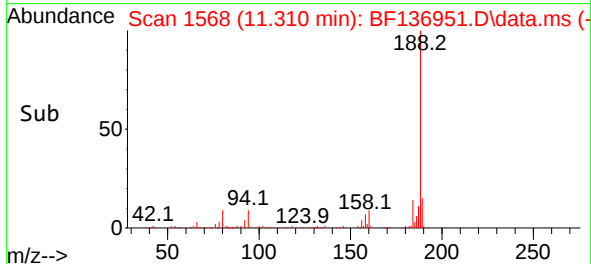
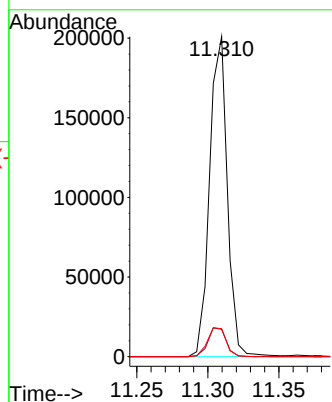
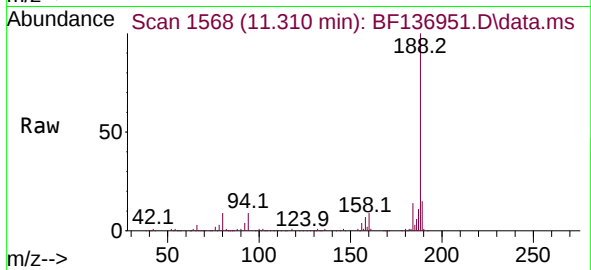
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

Tgt Ion:188 Resp: 17414
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.8 8.1 12.1

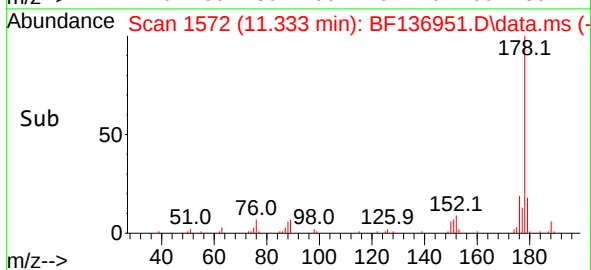
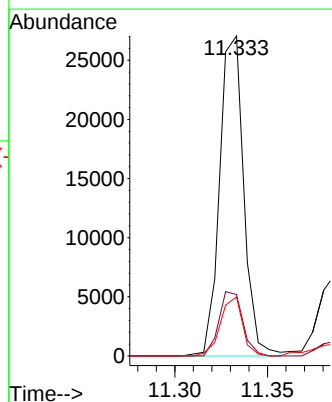
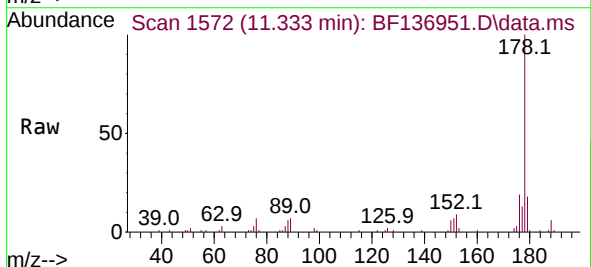
Manual Integrations
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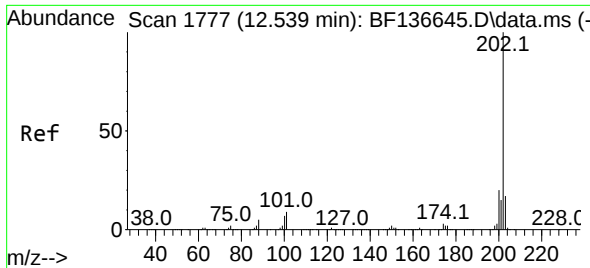
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#71
Phenanthrene
Concen: 2.749 ng m
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

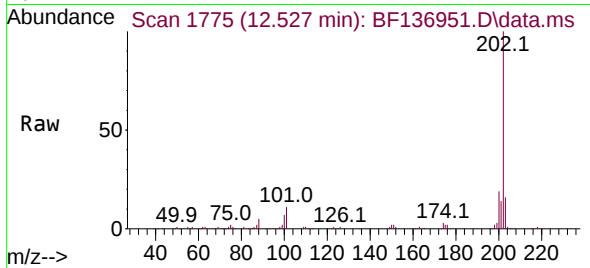
Tgt Ion:178 Resp: 24564
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 18.5 11.9 17.9#





#75
Fluoranthene
Concen: 5.690 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

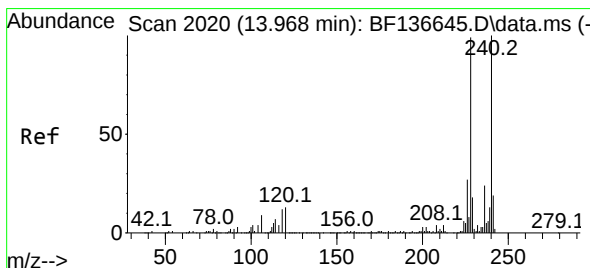
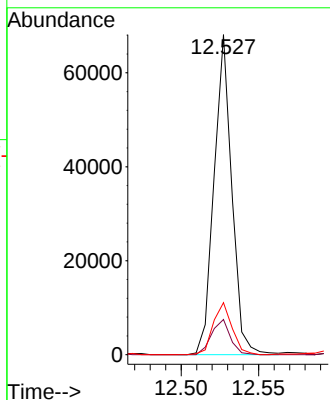
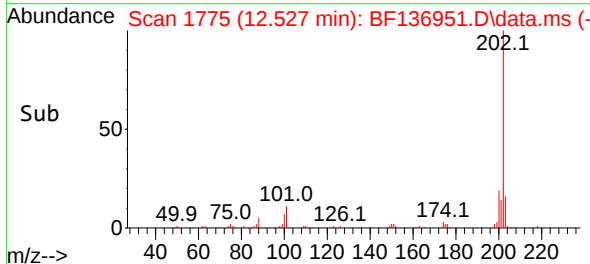
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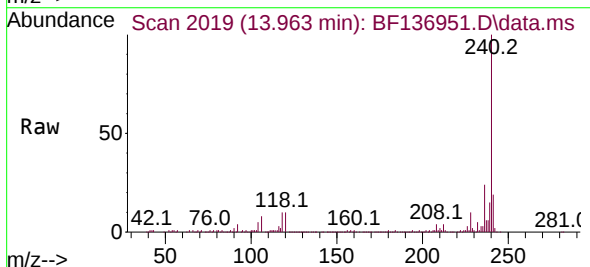
Tgt Ion:202 Resp: 5438
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
203 16.3 0.0 37.1

Manual Integrations
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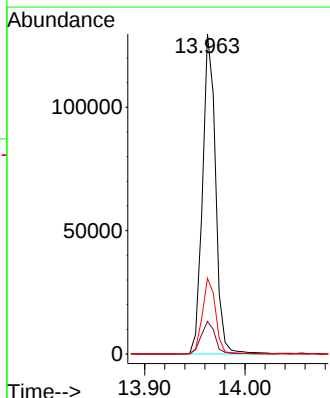
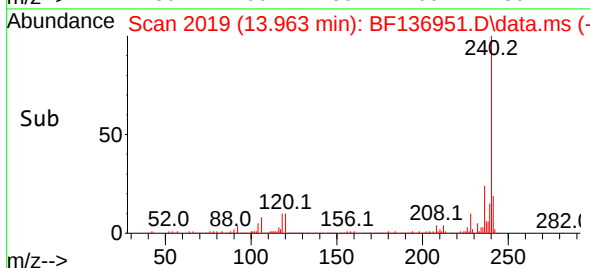
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

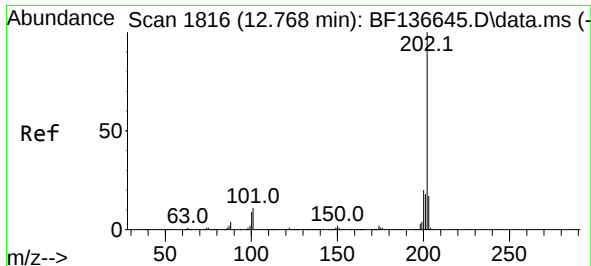


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46



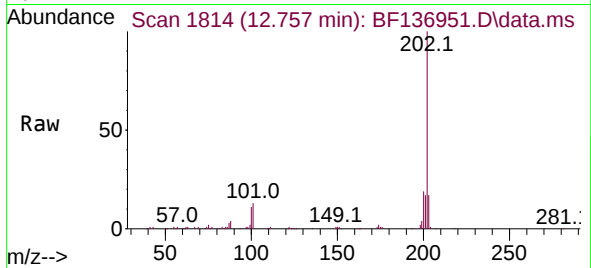
Tgt Ion:240 Resp: 117872
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 23.6 19.4 29.2





#78
Pyrene
Concen: 4.207 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

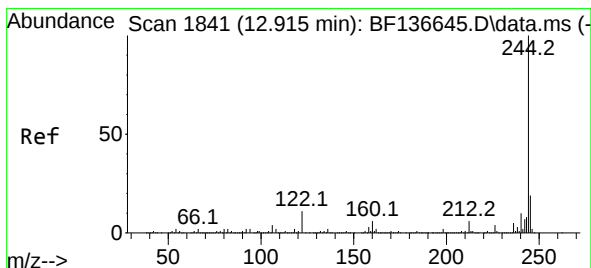
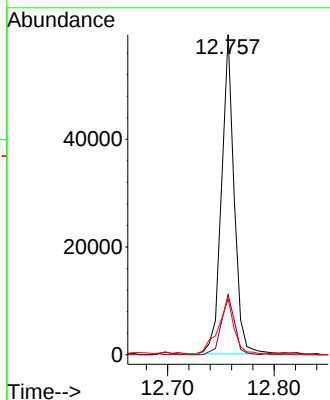
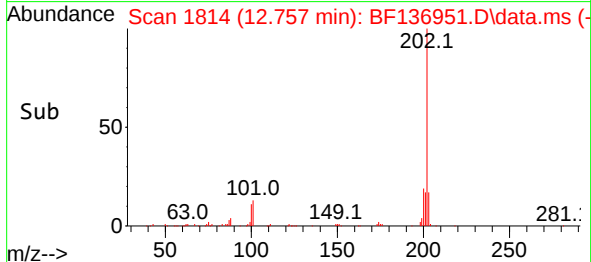
Instrument :
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MR-321-0-2



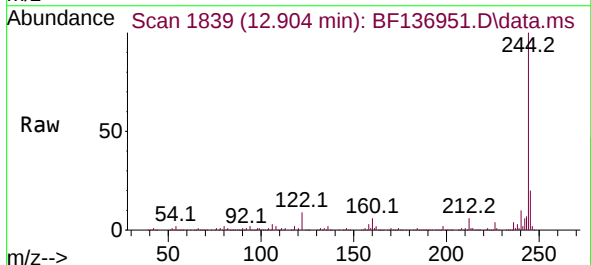
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Ion Ratio Lower Upper
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203 17.4 13.8 20.6

Manual Integrations
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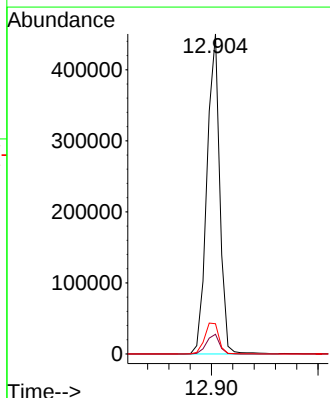
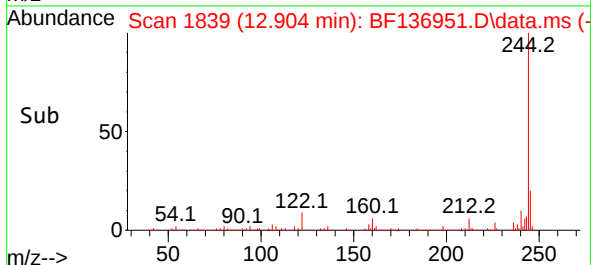
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

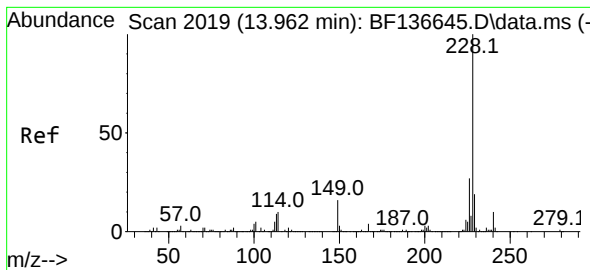


#79
Terphenyl-d14
Concen: 44.684 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46



Tgt Ion:244 Resp: 376892
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 9.5 9.0 13.4





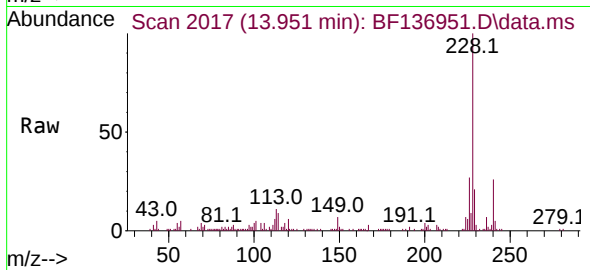
#81
Benzo(a)anthracene
Concen: 3.912 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Instrument :

BNA_F

ClientSampleId :

MR-321-0-2

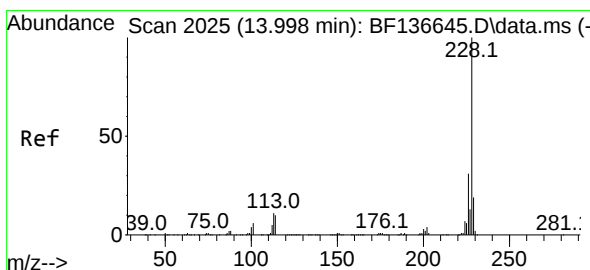
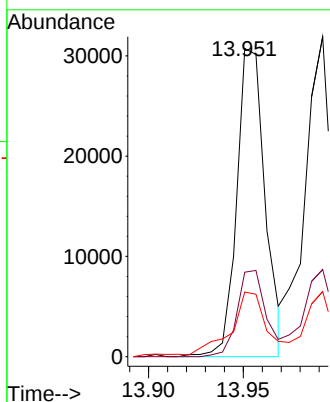
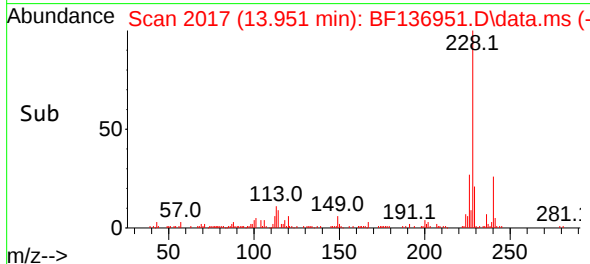


Tgt Ion:228 Resp: 32020
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 21.0 14.9 22.3

Manual Integrations

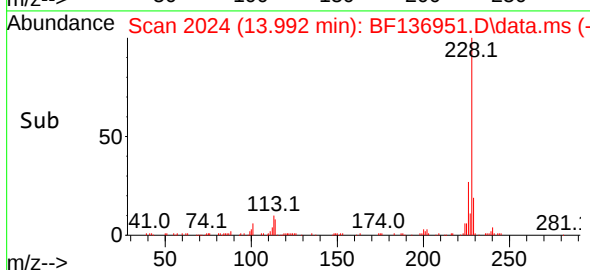
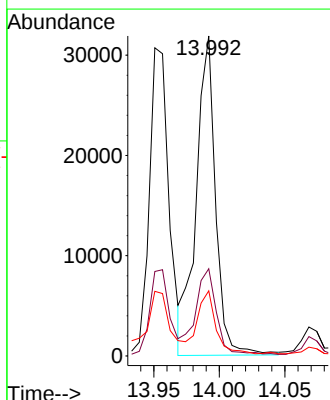
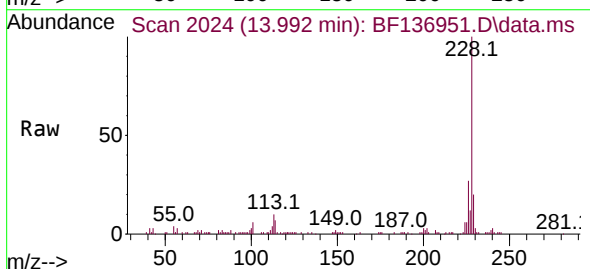
APPROVED

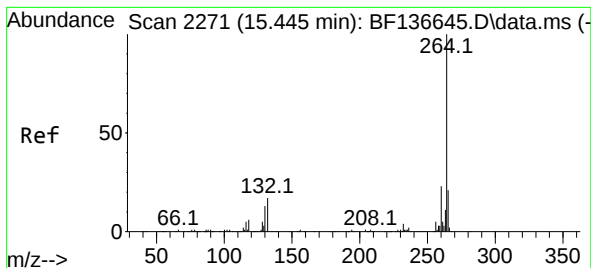
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#83
Chrysene
Concen: 4.126 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Tgt Ion:228 Resp: 33021
Ion Ratio Lower Upper
228 100
226 27.2 24.7 37.1
229 20.4 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF136951.D

Acq: 04 Jan 2024 20:46

Instrument :

BNA_F

ClientSampleId :

MR-321-0-2

Tgt Ion:264 Resp: 135328

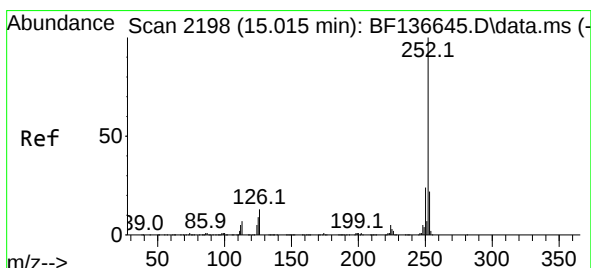
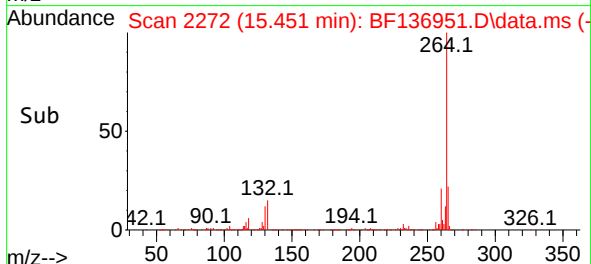
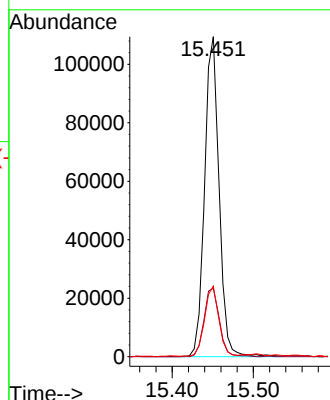
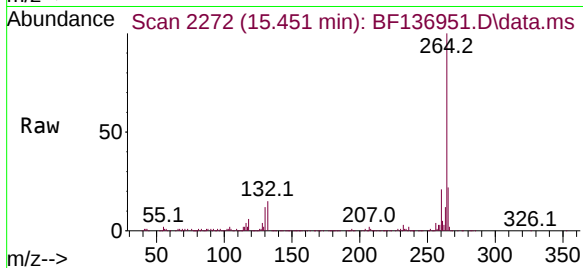
Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.3	27.5
265	22.1	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#88

Benzo(b)fluoranthene

Concen: 4.032 ng

RT: 15.015 min Scan# 2198

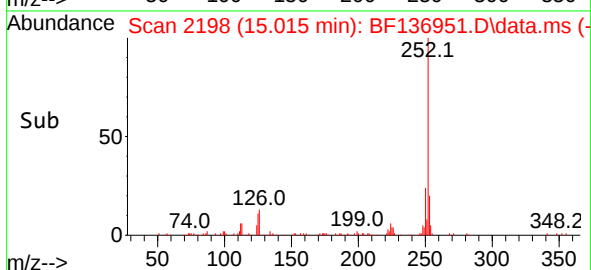
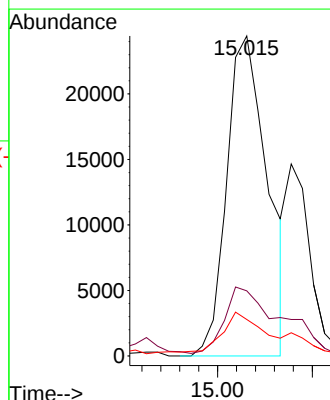
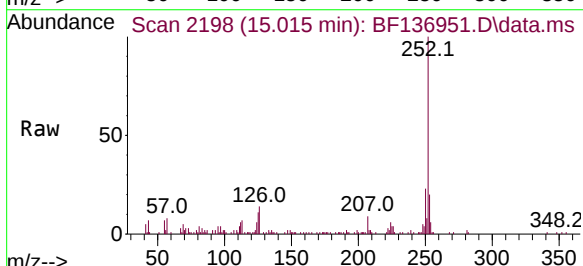
Delta R.T. 0.000 min

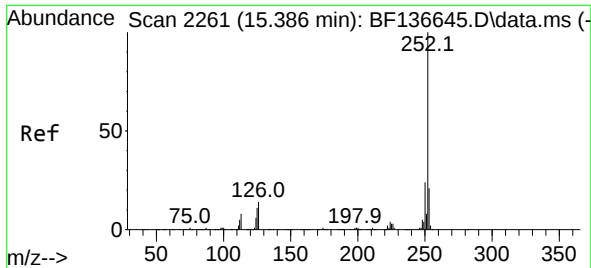
Lab File: BF136951.D

Acq: 04 Jan 2024 20:46

Tgt Ion:252 Resp: 36448

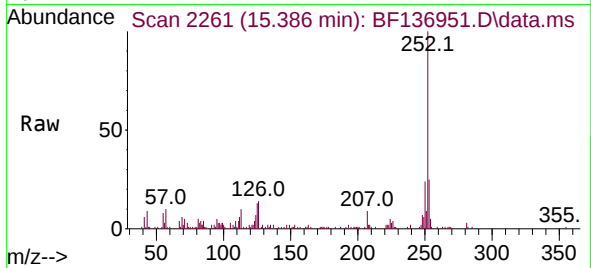
Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.4	26.0
125	11.4	7.4	11.2





#90
Benzo(a)pyrene
Concen: 3.395 ng
RT: 15.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136951.D
Acq: 04 Jan 2024 20:46

Instrument :
BNA_F
ClientSampleId :
MR-321-0-2



Tgt Ion:252 Resp: 2590
Ion Ratio Lower Upper
252 100
253 25.3 17.0 25.6
125 12.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

