

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136803.D
 Acq On : 28 Dec 2023 20:20
 Operator : CG\JU
 Sample : 05932-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-06-121923

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 23:31:02 2023
 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	64238	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	241756	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	109456	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	167881	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	118550	20.000	ng	0.00
86) Perylene-d12	15.456	264	130088	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	172532	41.907	ng	-0.01
7) Phenol-d6	6.422	99	121925	22.855	ng	-0.02
23) Nitrobenzene-d5	7.345	82	347219	73.494	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	113151	87.776	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	659961	81.095	ng	-0.02
79) Terphenyl-d14	12.904	244	452212	53.307	ng	-0.01
Target Compounds						
81) Benzo(a)anthracene	13.957	228	18799	2.284	ng	# 66
83) Chrysene	13.992	228	30235m	3.756	ng	

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

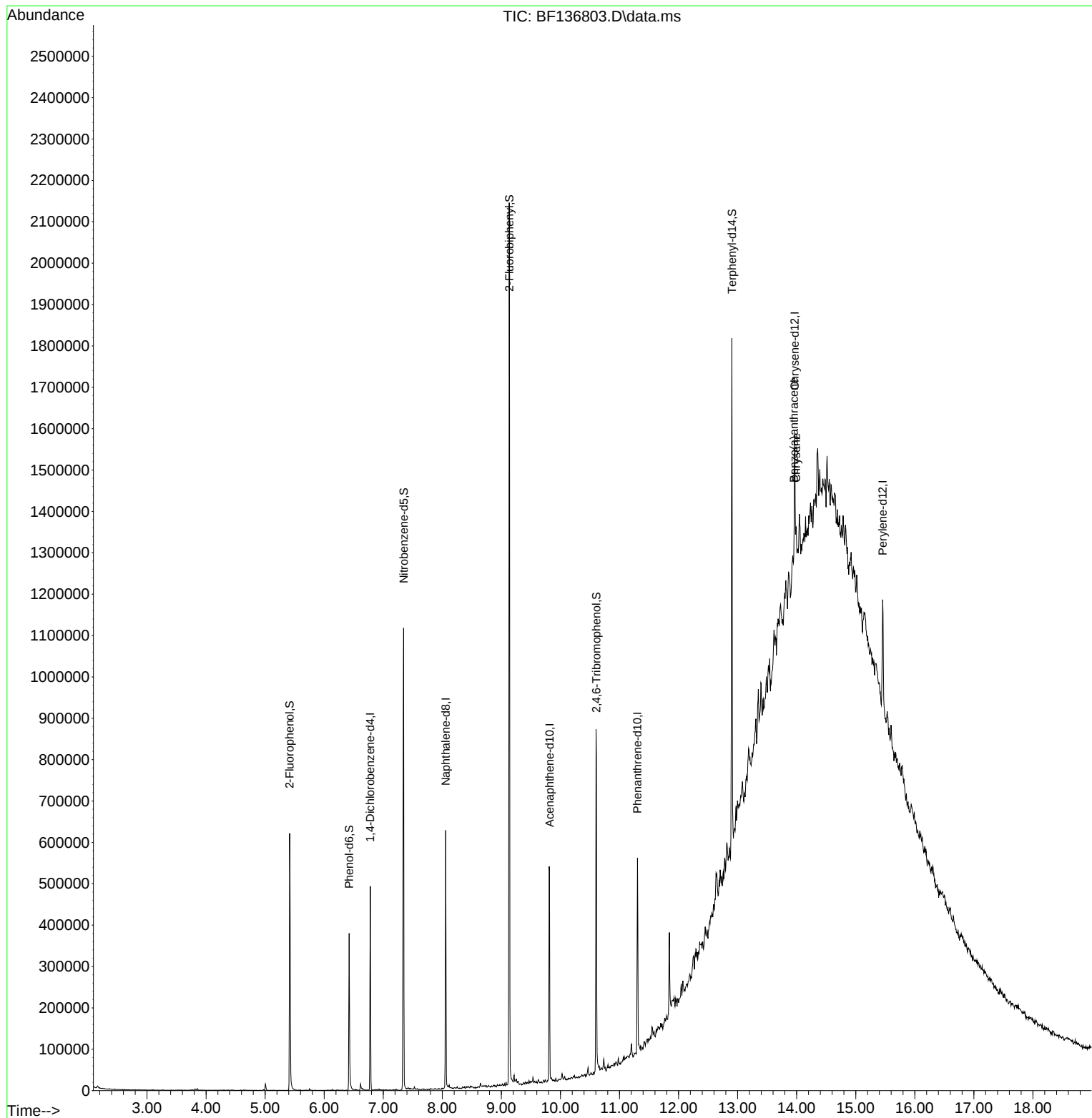
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
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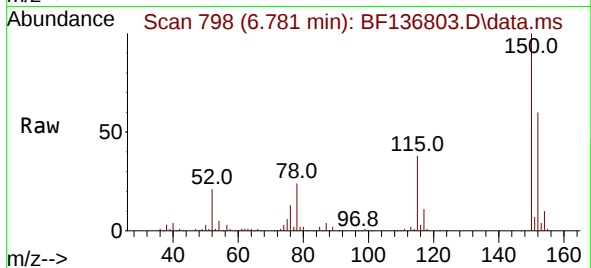
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

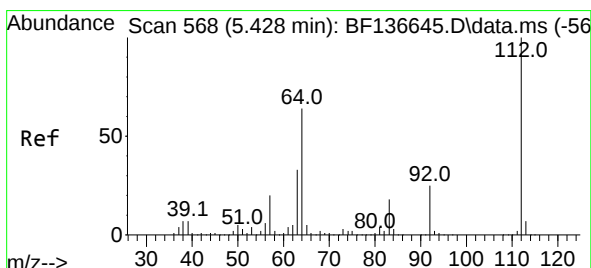
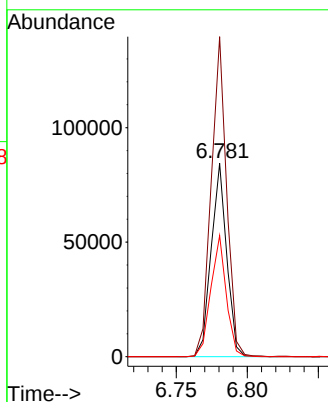
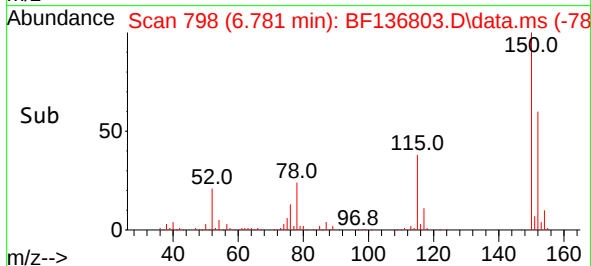
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923



Tgt Ion:152 Resp: 64238
Ion Ratio Lower Upper
152 100
150 165.4 127.0 190.6
115 62.6 49.0 73.4

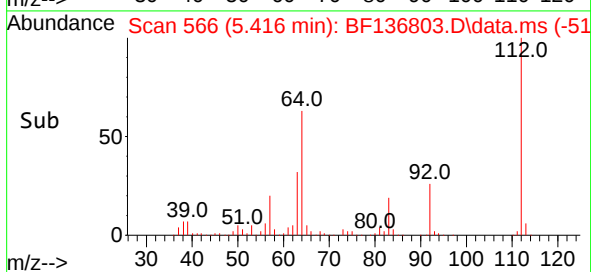
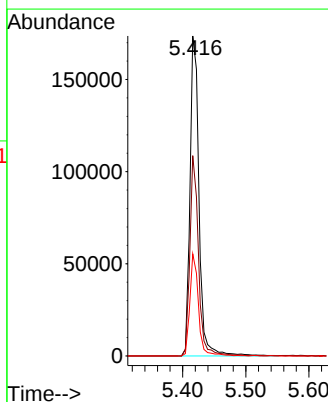
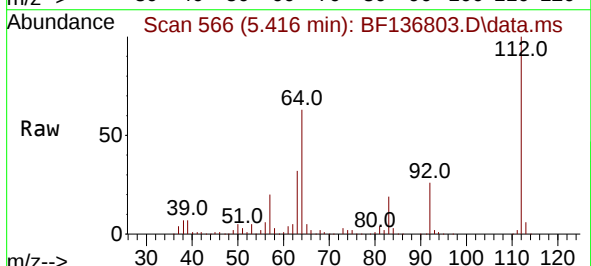
Manual Integrations
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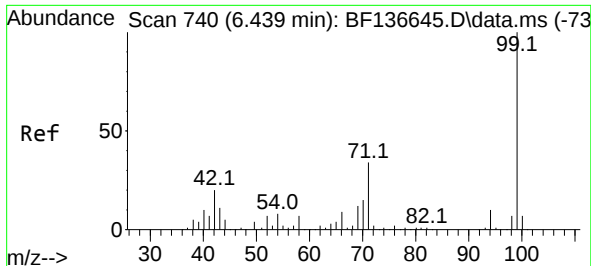
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#5
2-Fluorophenol
Concen: 41.907 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

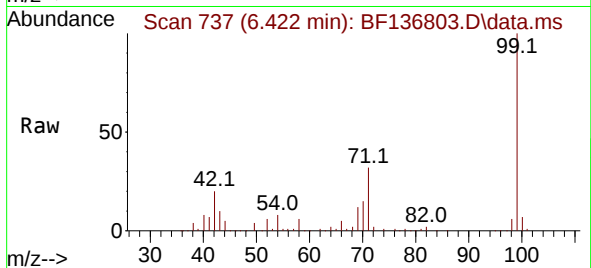
Tgt Ion:112 Resp: 172532
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 31.9 26.1 39.1





#7
Phenol-d6
Concen: 22.855 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

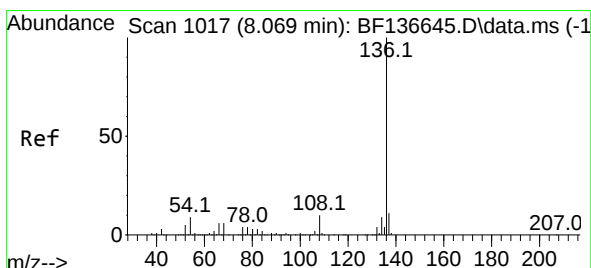
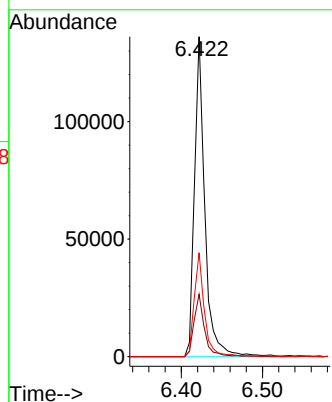
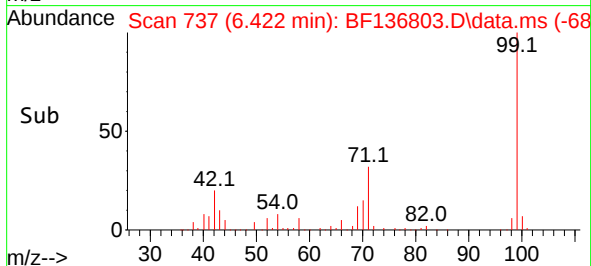
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923



Tgt Ion: 99 Resp: 12192
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 32.5 27.4 41.2

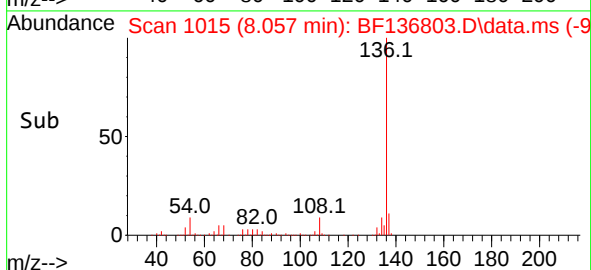
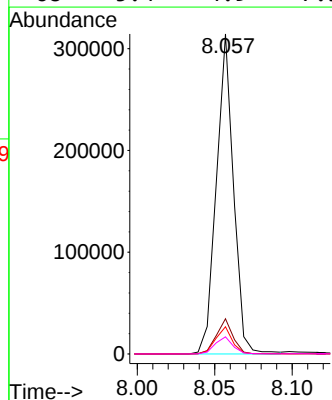
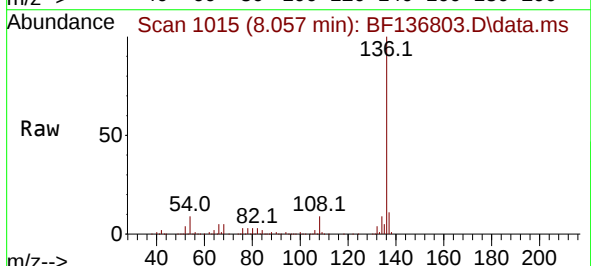
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Supervised By :mohammad ahmed 12/29/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

Tgt Ion:136 Resp: 241756
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.5 7.2 10.8
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 73.494 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136803.D

Acq: 28 Dec 2023 20:20

Instrument :

BNA_F

ClientSampleId :

RT-MW-06-121923

Tgt Ion: 82 Resp: 347219

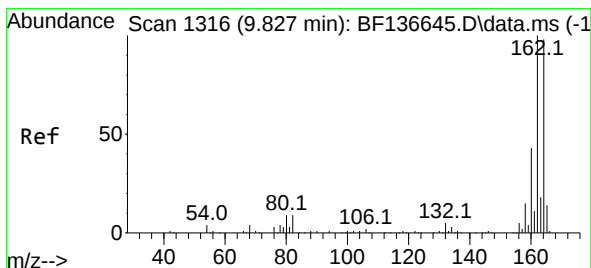
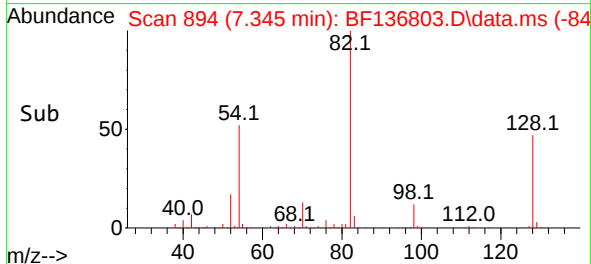
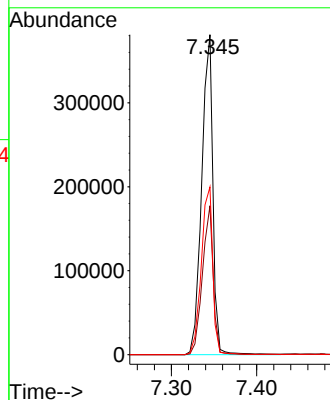
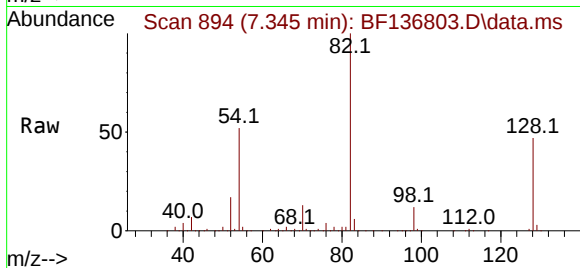
Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.3	52.9
54	52.4	44.5	66.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

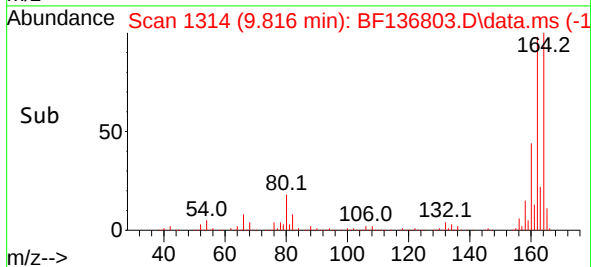
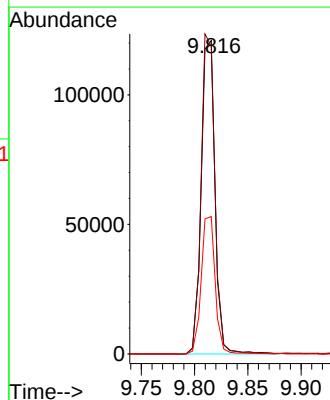
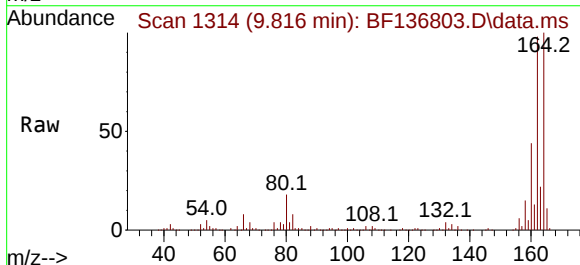
Delta R.T. -0.012 min

Lab File: BF136803.D

Acq: 28 Dec 2023 20:20

Tgt Ion:164 Resp: 109456

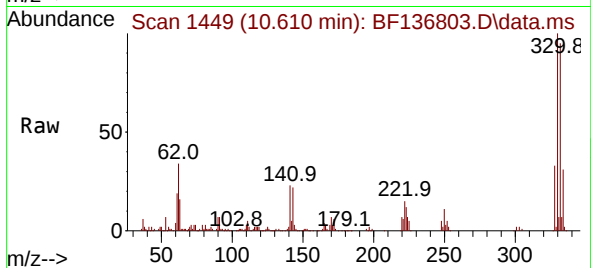
Ion	Ratio	Lower	Upper
164	100		
162	98.2	81.6	122.4
160	43.8	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 87.776 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

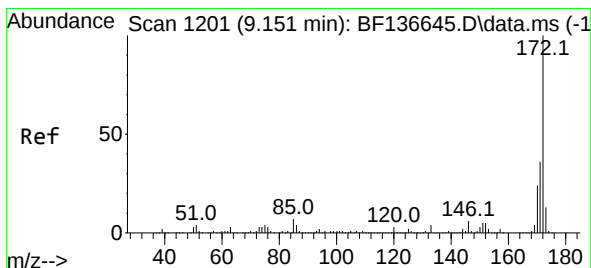
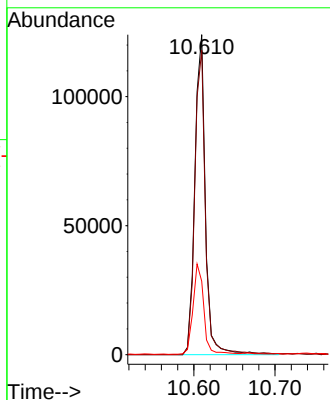
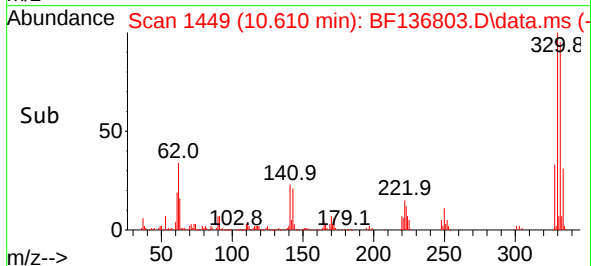
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923



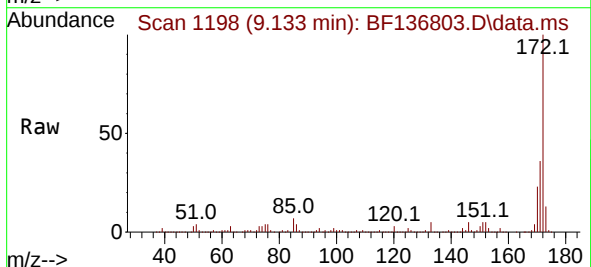
Tgt Ion:330 Resp: 11315
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 28.5 23.4 35.2

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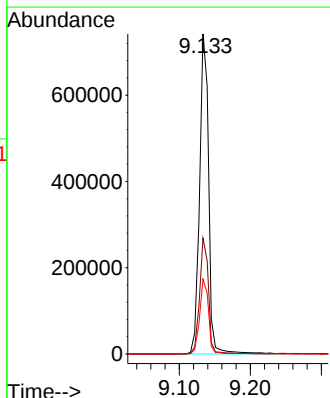
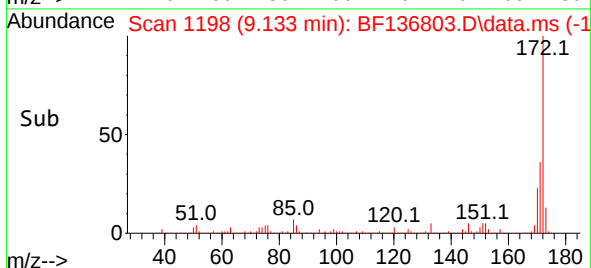
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

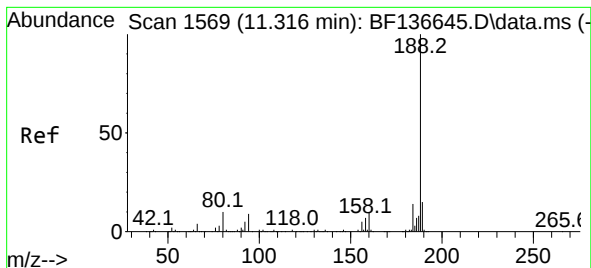


#45
2-Fluorobiphenyl
Concen: 81.095 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20



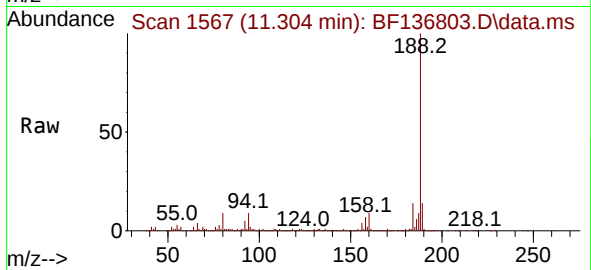
Tgt Ion:172 Resp: 659961
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.4 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

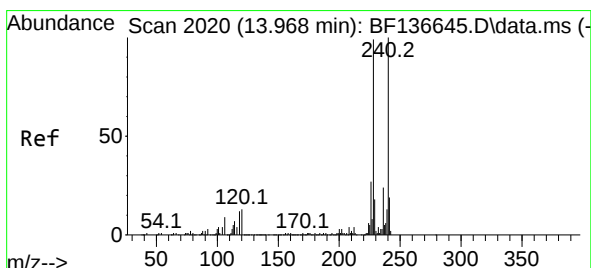
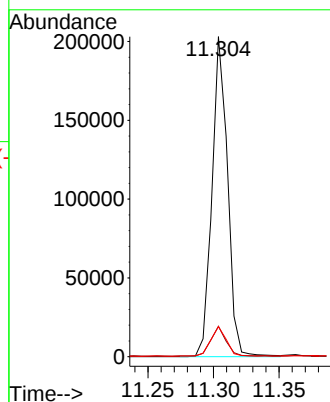
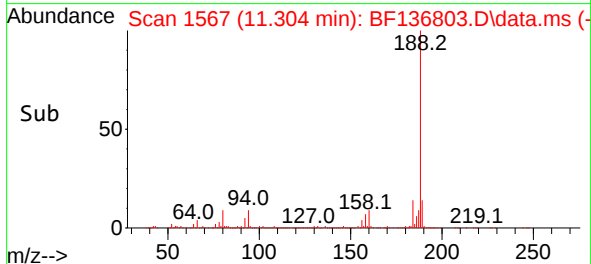
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923



Tgt Ion:188 Resp: 16788
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.4 8.1 12.1

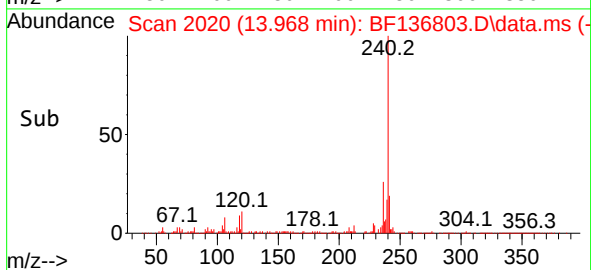
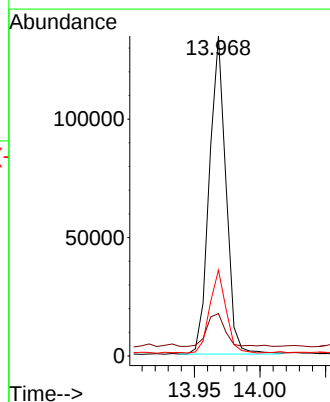
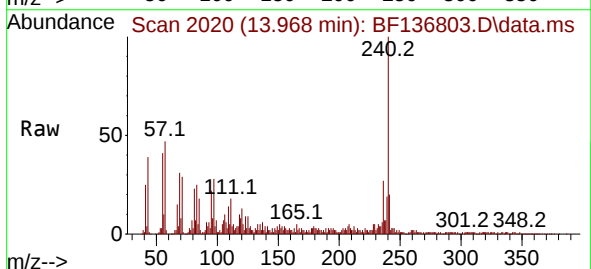
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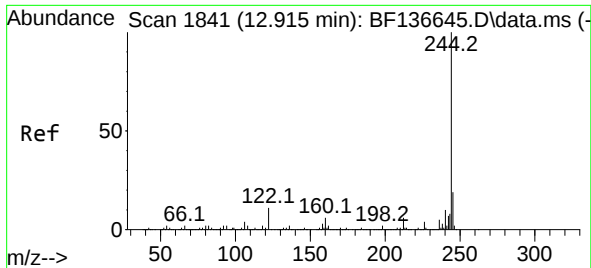
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

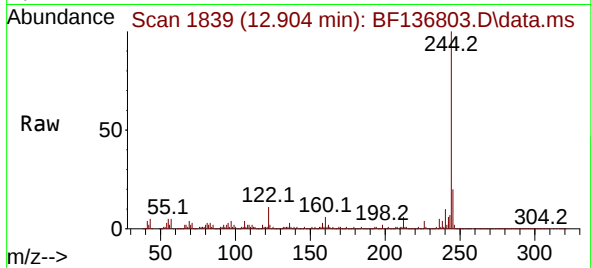
Tgt Ion:240 Resp: 118550
Ion Ratio Lower Upper
240 100
120 13.2 10.3 15.5
236 26.8 19.4 29.2





#79
 Terphenyl-d14
 Concen: 53.307 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136803.D
 Acq: 28 Dec 2023 20:20

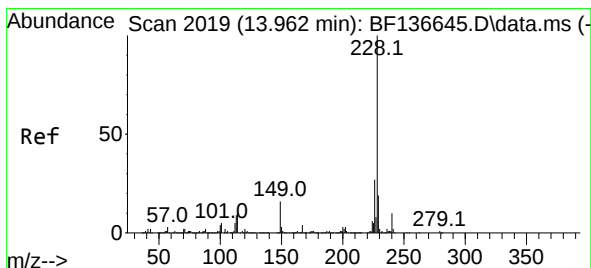
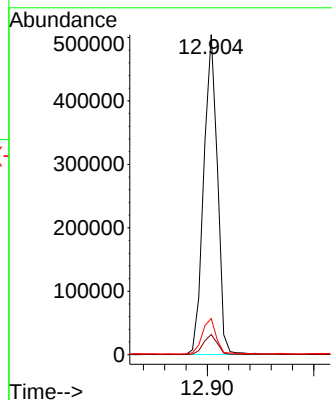
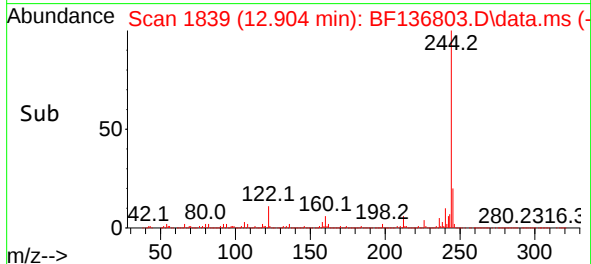
Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-06-121923



Tgt Ion:244 Resp: 45221
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.3 9.0 13.4

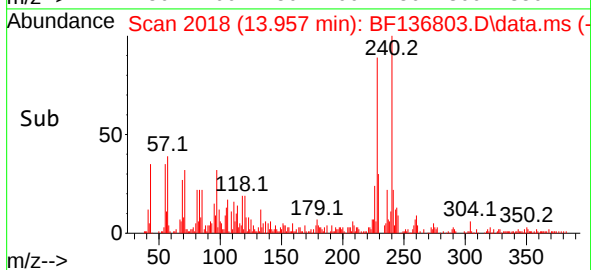
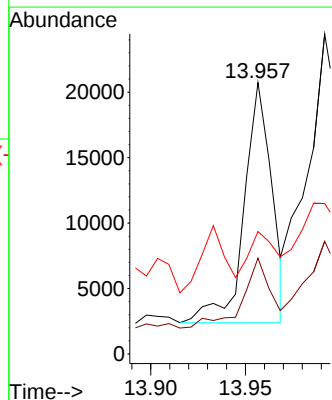
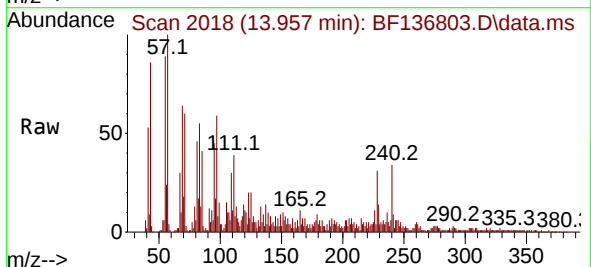
Manual Integrations
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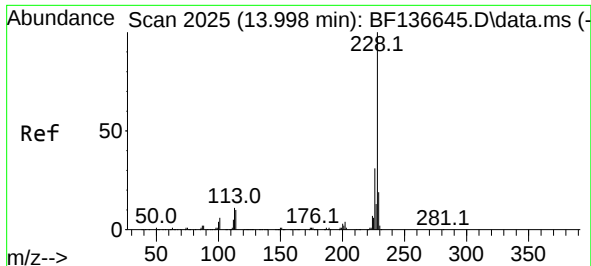
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023



#81
 Benzo(a)anthracene
 Concen: 2.284 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF136803.D
 Acq: 28 Dec 2023 20:20

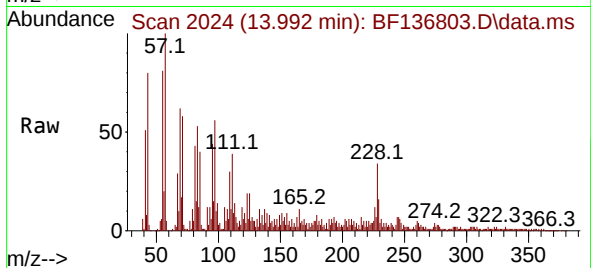
Tgt Ion:228 Resp: 18799
 Ion Ratio Lower Upper
 228 100
 226 35.3 21.4 32.0#
 229 45.1 14.9 22.3#





#83
Chrysene
Concen: 3.756 ng m
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

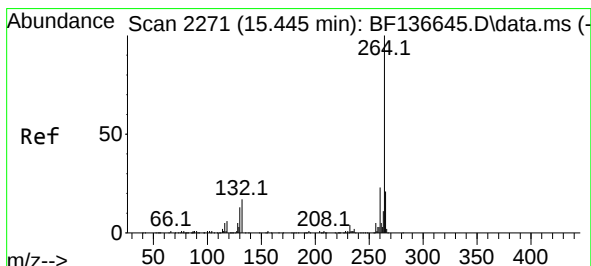
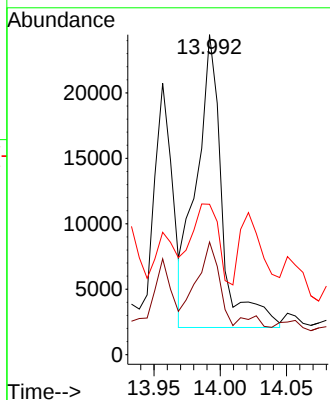
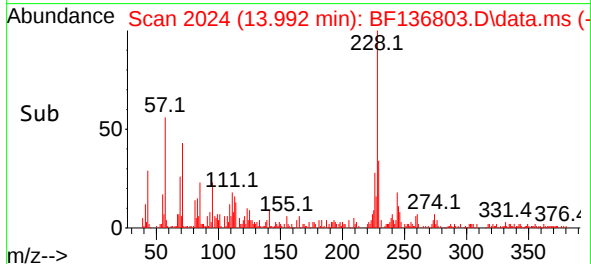
Instrument :
BNA_F
ClientSampleId :
RT-MW-06-121923



Tgt Ion:228 Resp: 3023
Ion Ratio Lower Upper
228 100
226 35.2 24.7 37.1
229 47.0 15.4 23.0

Manual Integrations
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Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136803.D
Acq: 28 Dec 2023 20:20

Tgt Ion:264 Resp: 130088
Ion Ratio Lower Upper
264 100
260 24.1 18.3 27.5
265 25.0 17.0 25.6

