

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136956.D
 Acq On : 04 Jan 2024 23:23
 Operator : CG\JU
 Sample : 06015-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-323-0-2

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 00:45:28 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	47240	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	174029	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	85849	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	148136	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	112410	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	127354	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	273399	90.301	ng	0.00
7) Phenol-d6	6.434	99	338786	86.357	ng	0.00
23) Nitrobenzene-d5	7.345	82	201381	59.214	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	81174	80.286	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	374142	58.616	ng	-0.02
79) Terphenyl-d14	12.904	244	352075	43.770	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	69075	9.088	ng	97
75) Fluoranthene	12.527	202	120209	14.785	ng	98
78) Pyrene	12.757	202	98302	8.908	ng	99
81) Benzo(a)anthracene	13.957	228	55216	7.074	ng	92
83) Chrysene	13.992	228	63932m	8.376	ng	
84) Bis(2-ethylhexyl)phtha...	13.945	149	17011	3.367	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.962	276	30626	3.331	ng	96
88) Benzo(b)fluoranthene	15.015	252	79894m	9.393	ng	
89) Benzo(k)fluoranthene	15.045	252	32560m	4.051	ng	
90) Benzo(a)pyrene	15.386	252	51995	7.242	ng	# 91
92) Benzo(g,h,i)perylene	17.427	276	27434	3.551	ng	# 91

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

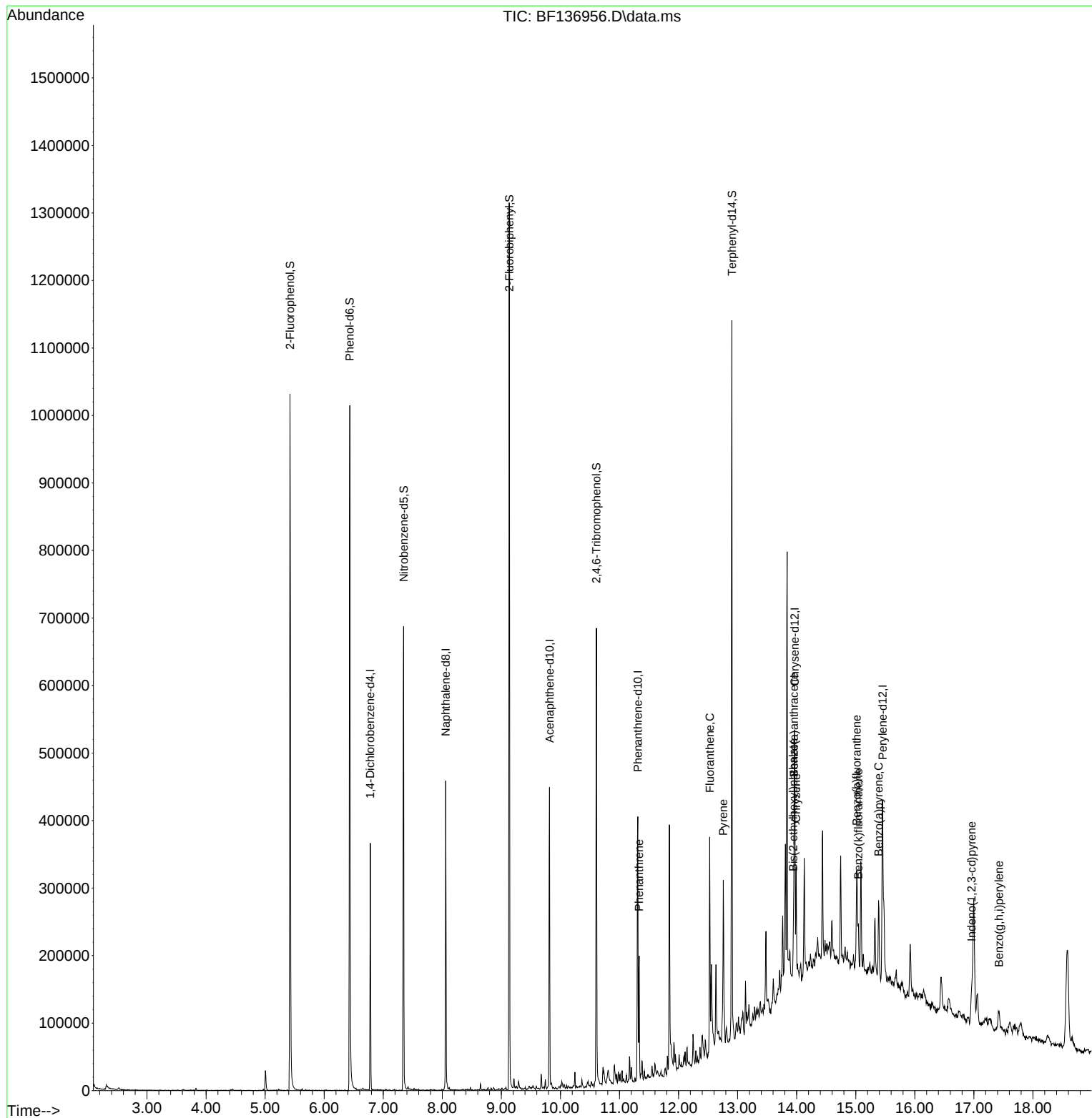
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136956.D
Acq On : 04 Jan 2024 23:23
Operator : CG\JU
Sample : 06015-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

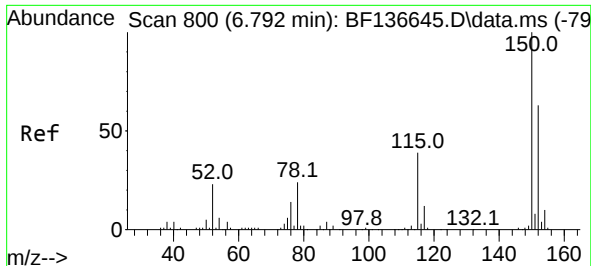
Instrument :
BNA_F
ClientSampleId :
MR-323-0-2

Quant Time: Jan 05 00:45:28 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
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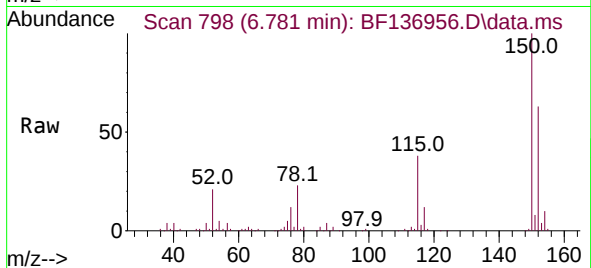
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

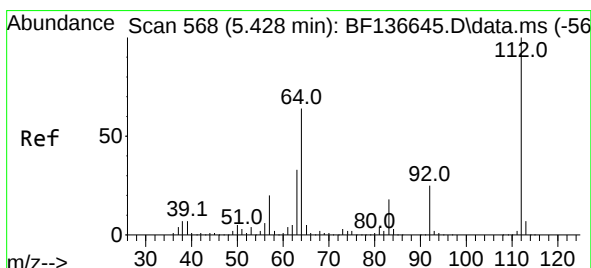
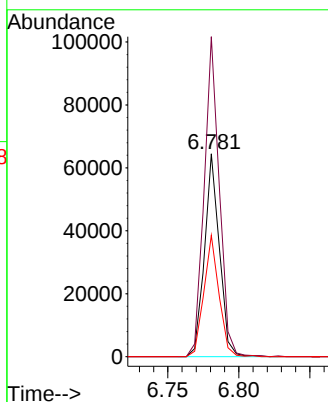
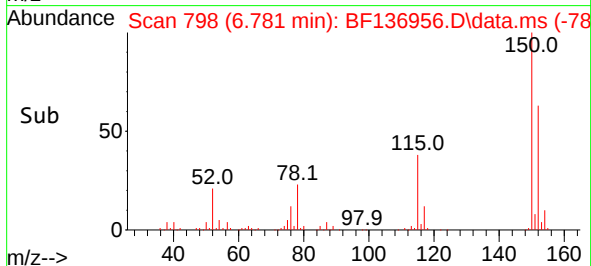
Instrument :
BNA_F
ClientSampleId :
MR-323-0-2



Tgt Ion:152 Resp: 47240
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 59.8 49.0 73.4

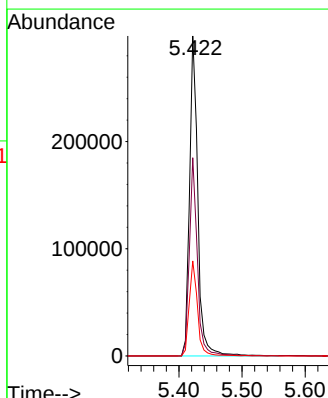
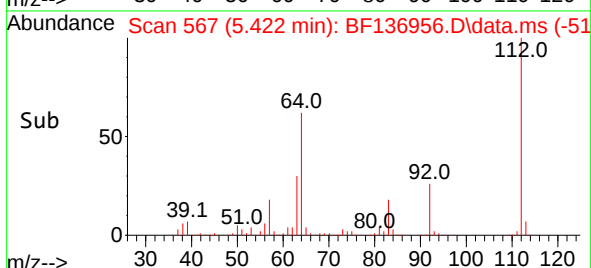
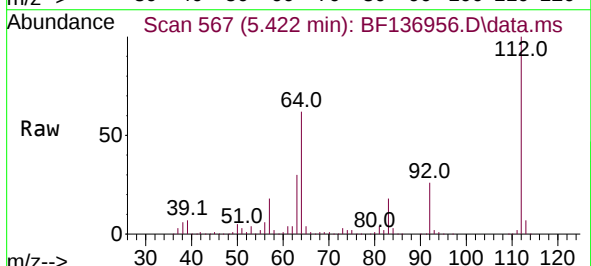
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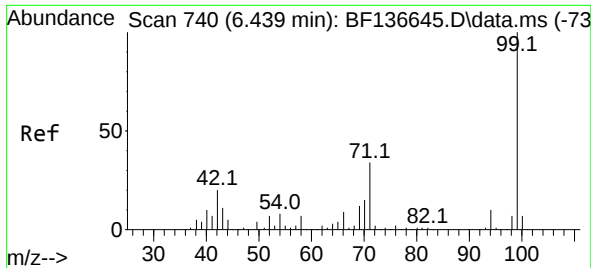
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#5
2-Fluorophenol
Concen: 90.301 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

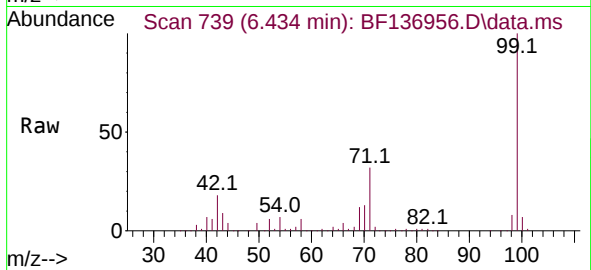
Tgt Ion:112 Resp: 273399
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 29.7 26.1 39.1





#7
Phenol-d6
Concen: 86.357 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

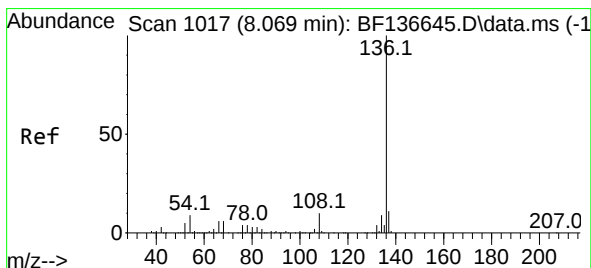
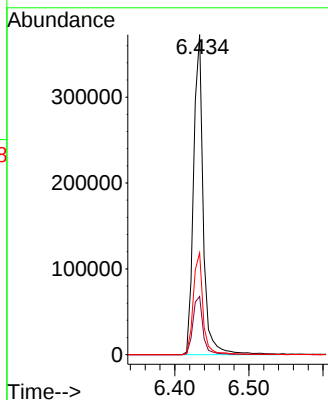
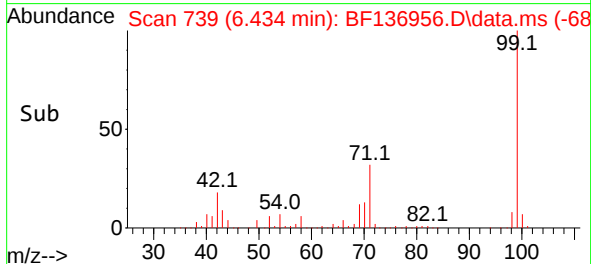
Instrument :
BNA_F
ClientSampleId :
MR-323-0-2



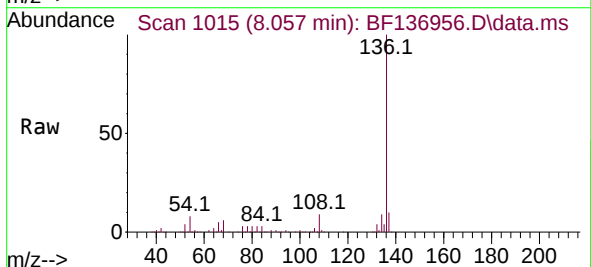
Tgt Ion: 99 Resp: 338780
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 31.8 27.4 41.2

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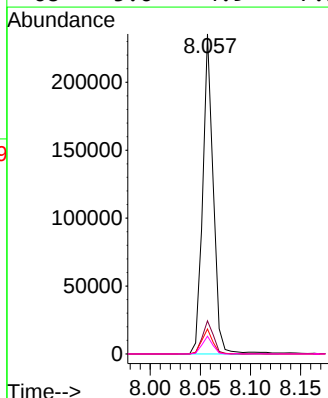
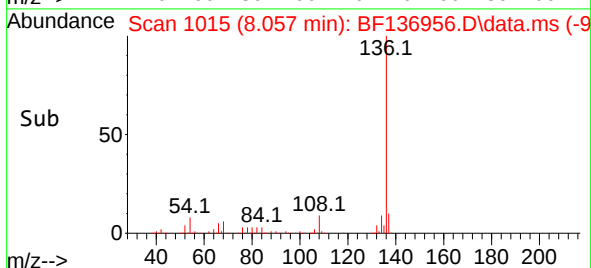
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

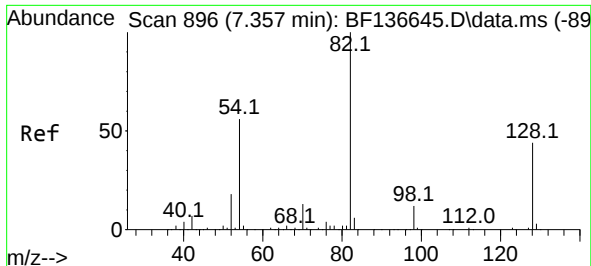


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23



Tgt Ion:136 Resp: 174029
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.8 7.2 10.8
68 5.6 4.9 7.3





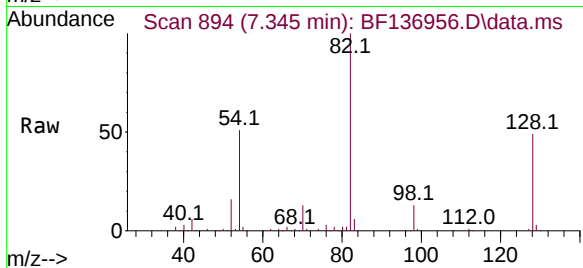
#23
Nitrobenzene-d5
Concen: 59.214 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2

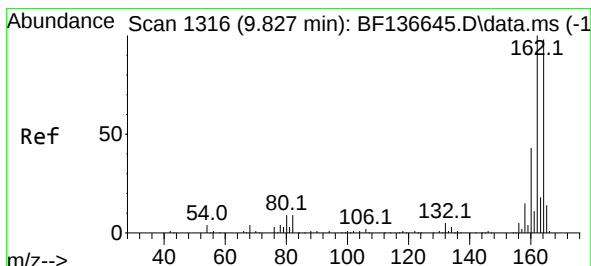
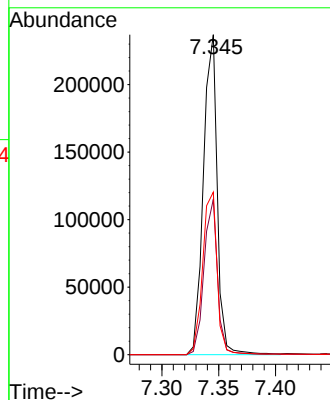
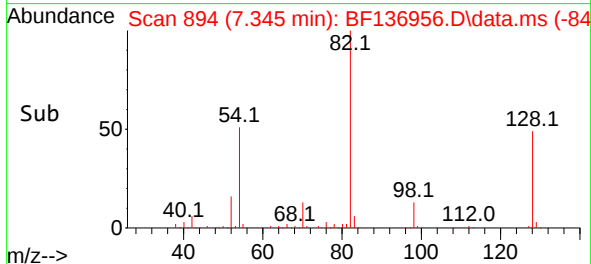


Tgt Ion: 82 Resp: 20138
Ion Ratio Lower Upper
82 100
128 48.6 35.3 52.9
54 50.8 44.5 66.7

Manual Integrations

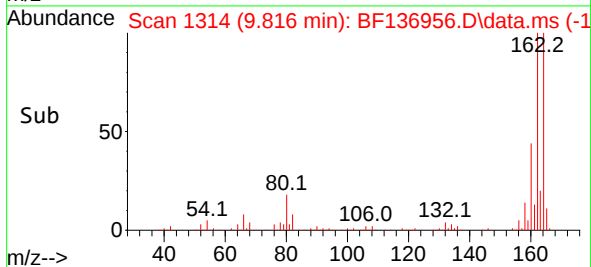
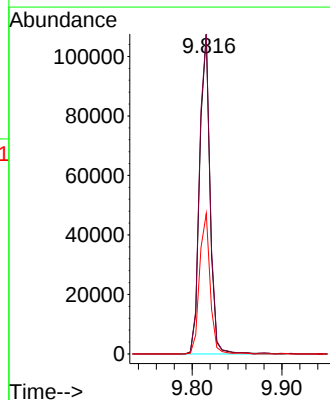
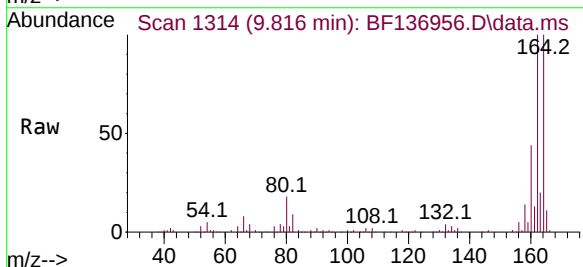
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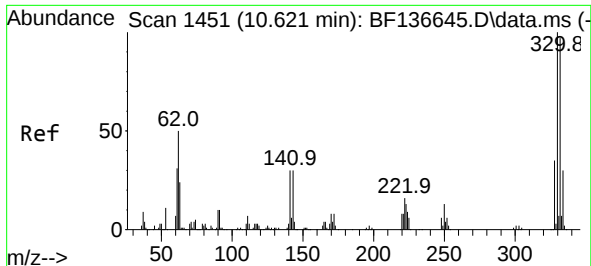
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

Tgt Ion:164 Resp: 85849
Ion Ratio Lower Upper
164 100
162 100.1 81.6 122.4
160 44.0 34.9 52.3





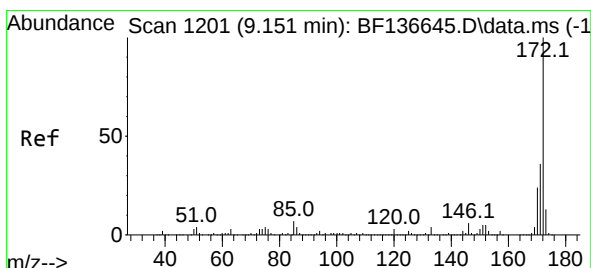
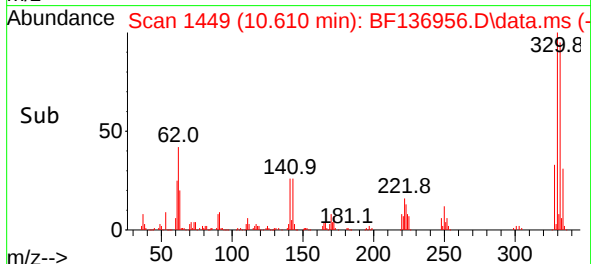
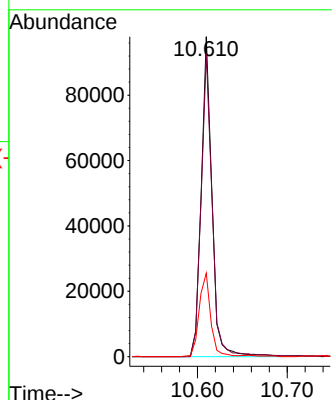
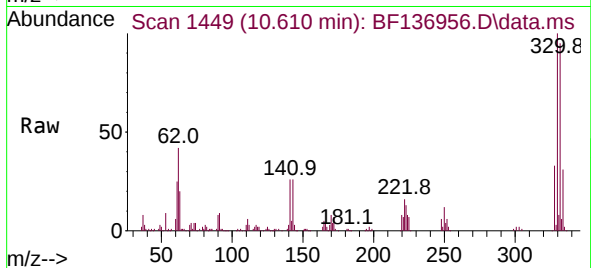
#42
2,4,6-Tribromophenol
Concen: 80.286 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

Instrument :
BNA_F
ClientSampleId :
MR-323-0-2

Tgt Ion:330 Resp: 81174
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 27.9 23.4 35.2

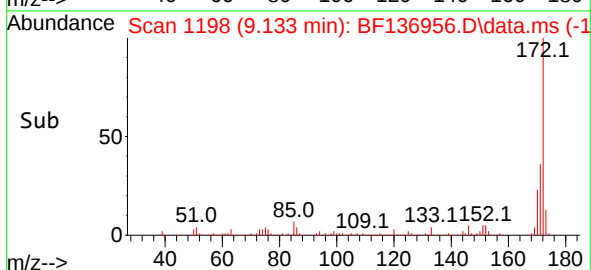
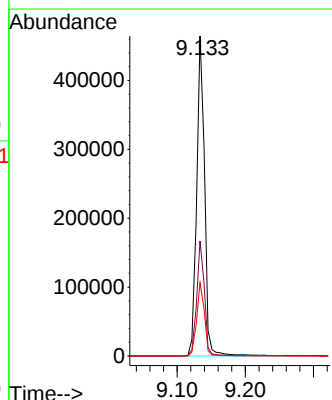
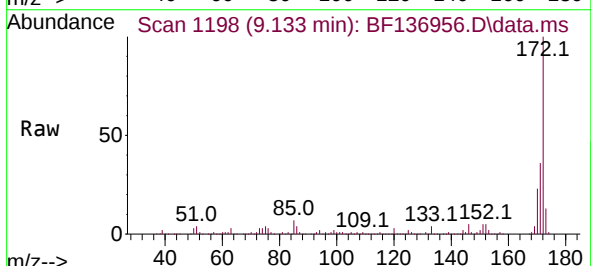
Manual Integrations
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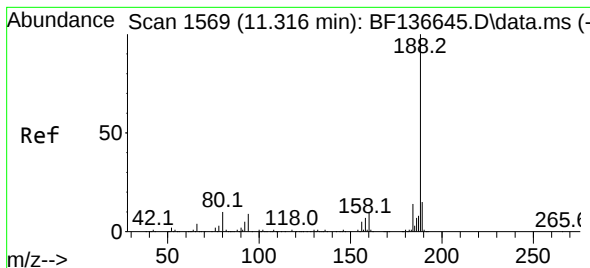
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#45
2-Fluorobiphenyl
Concen: 58.616 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

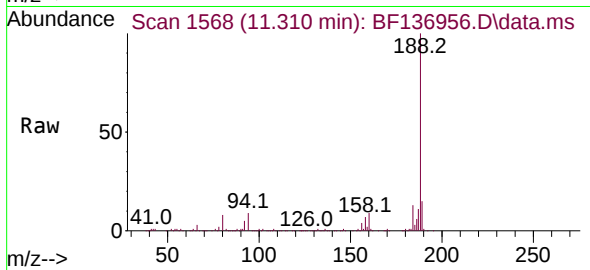
Tgt Ion:172 Resp: 374142
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 22.9 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

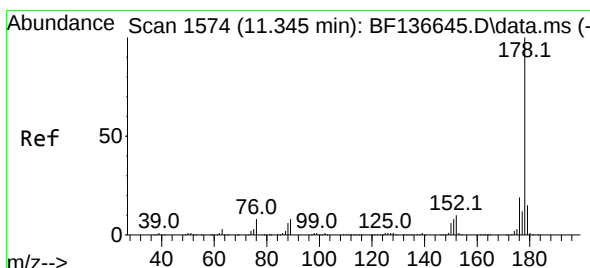
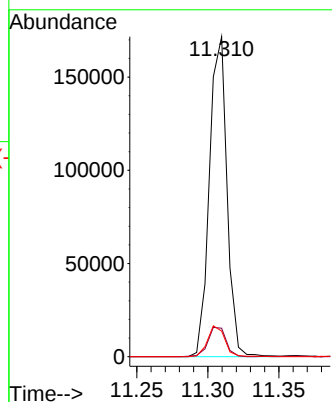
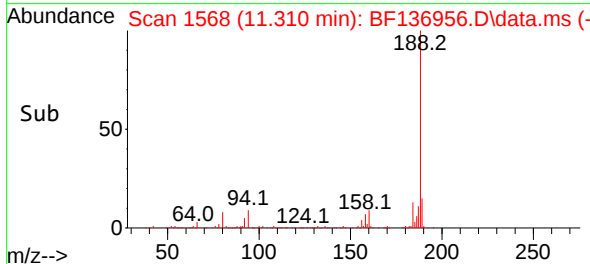
Instrument :
BNA_F
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MR-323-0-2



Tgt Ion:188 Resp: 148130
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 8.0 8.1 12.1

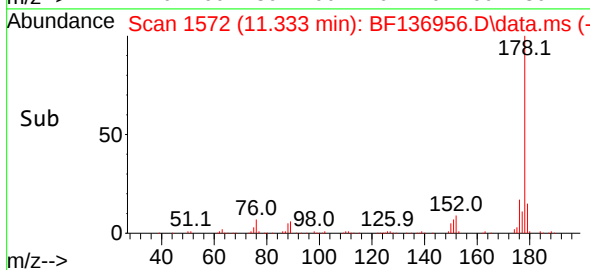
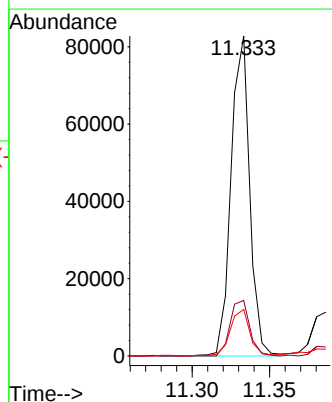
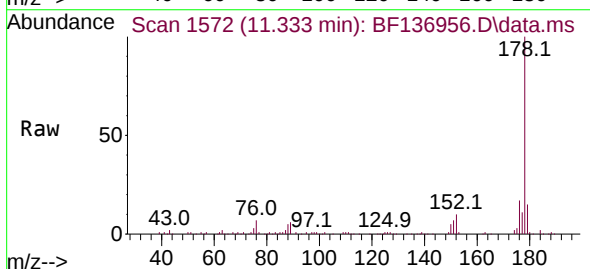
Manual Integrations
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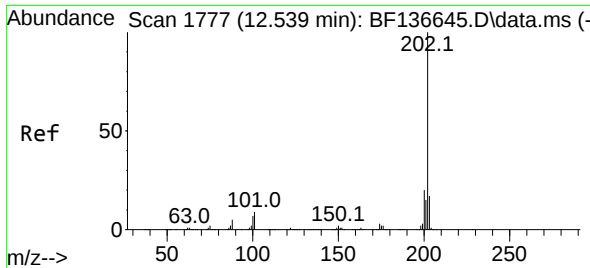
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#71
Phenanthrene
Concen: 9.088 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

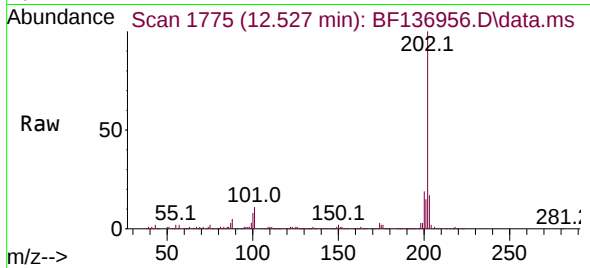
Tgt Ion:178 Resp: 69075
Ion Ratio Lower Upper
178 100
176 17.3 15.3 22.9
179 14.6 11.9 17.9





#75
Fluoranthene
Concen: 14.785 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

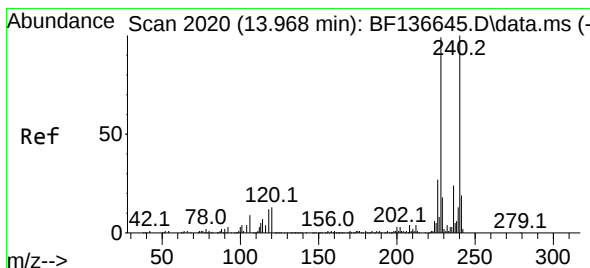
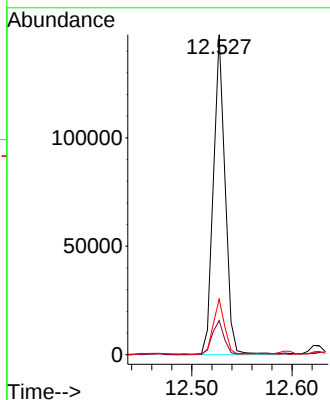
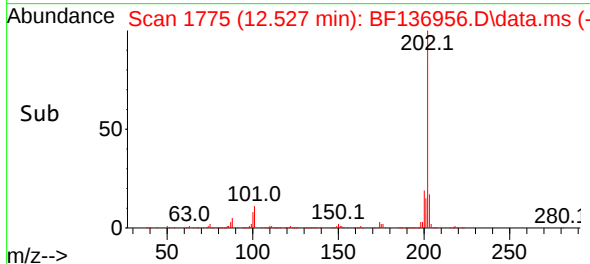
Instrument :
BNA_F
ClientSampleId :
MR-323-0-2



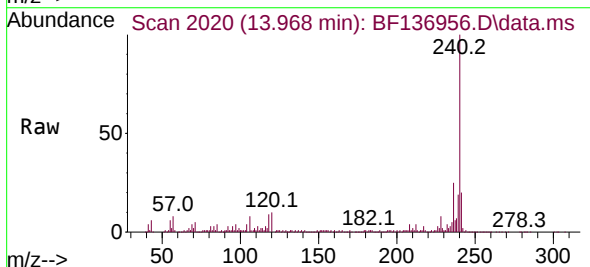
Tgt Ion:202 Resp: 120209
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.3
203 17.4 0.0 37.1

Manual Integrations
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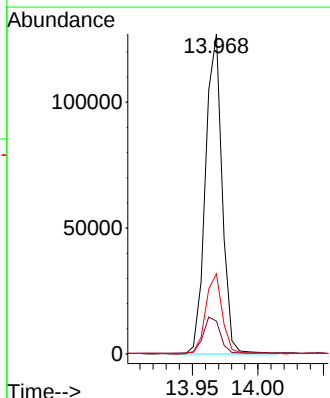
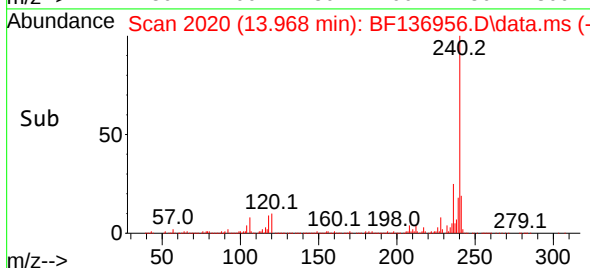
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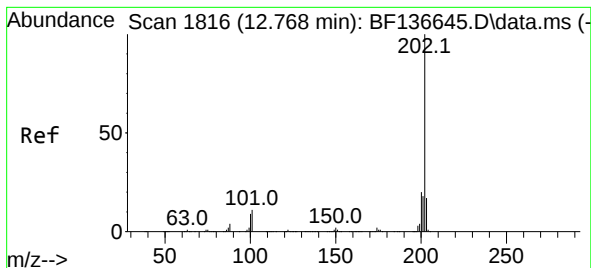


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23



Tgt Ion:240 Resp: 112410
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 25.1 19.4 29.2





#78

Pyrene

Concen: 8.908 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136956.D

Acq: 04 Jan 2024 23:23

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2

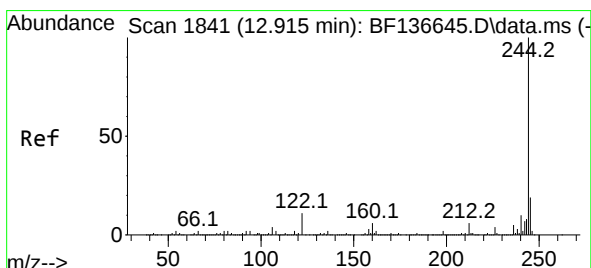
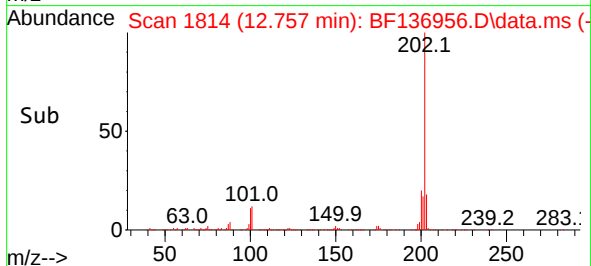
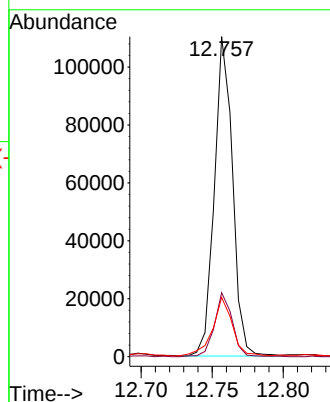
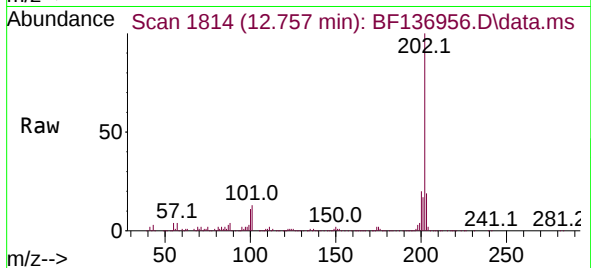
Tgt Ion:	202	Resp:	98302
Ion Ratio	Lower	Upper	
202	100		
200	20.0	15.9	23.9
203	18.5	13.8	20.6

Manual Integrations

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#79

Terphenyl-d14

Concen: 43.770 ng

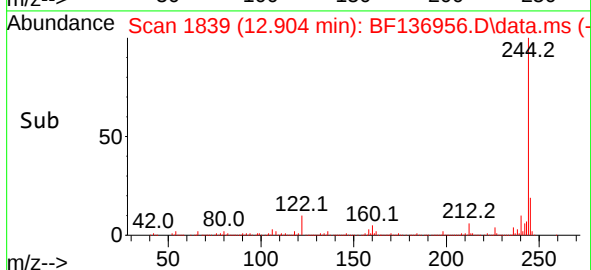
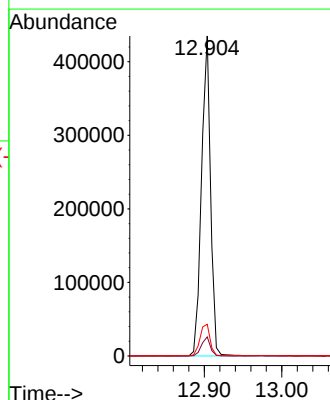
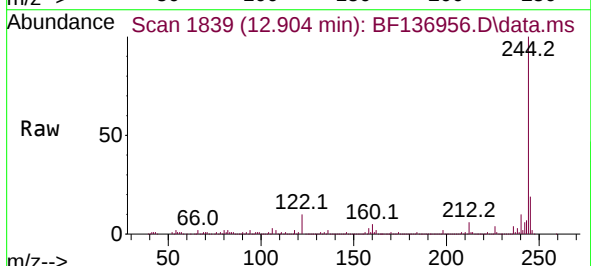
RT: 12.904 min Scan# 1839

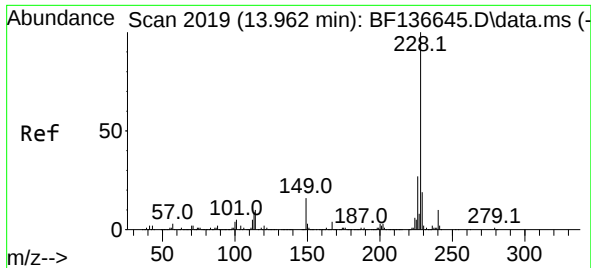
Delta R.T. -0.012 min

Lab File: BF136956.D

Acq: 04 Jan 2024 23:23

Tgt Ion:	244	Resp:	352075
Ion Ratio	Lower	Upper	
244	100		
212	5.9	5.0	7.4
122	9.9	9.0	13.4





#81
Benzo(a)anthracene
Concen: 7.074 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

Instrument :

BNA_F

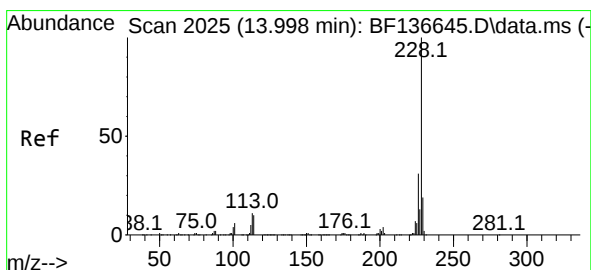
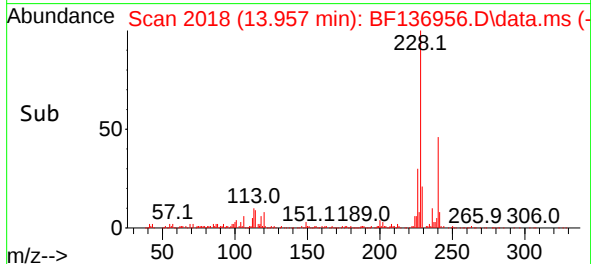
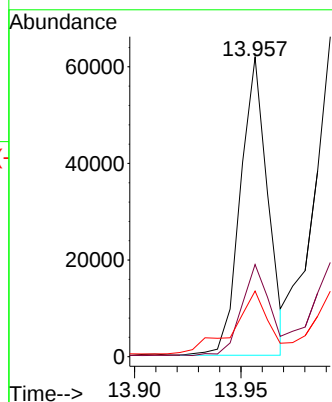
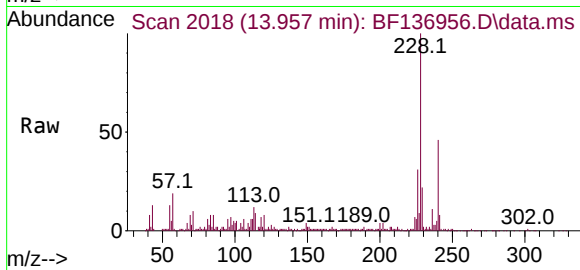
ClientSampleId :

MR-323-0-2

Tgt Ion:228 Resp: 55210
Ion Ratio Lower Upper
228 100
226 30.8 21.4 32.0
229 21.9 14.9 22.3

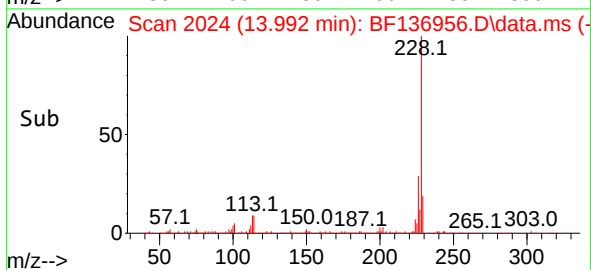
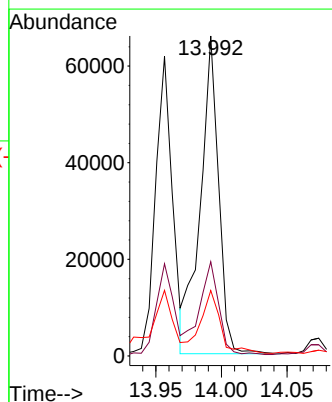
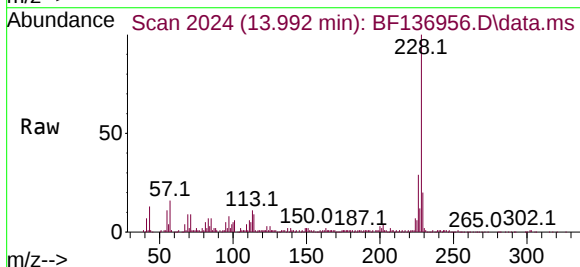
Manual Integrations
APPROVED

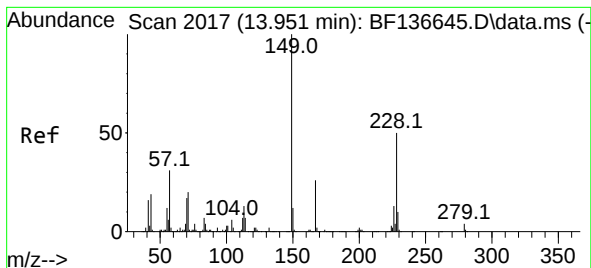
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#83
Chrysene
Concen: 8.376 ng m
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF136956.D
Acq: 04 Jan 2024 23:23

Tgt Ion:228 Resp: 63932
Ion Ratio Lower Upper
228 100
226 29.4 24.7 37.1
229 20.5 15.4 23.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.367 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136956.D

Acq: 04 Jan 2024 23:23

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2

Tgt Ion:149 Resp: 1701

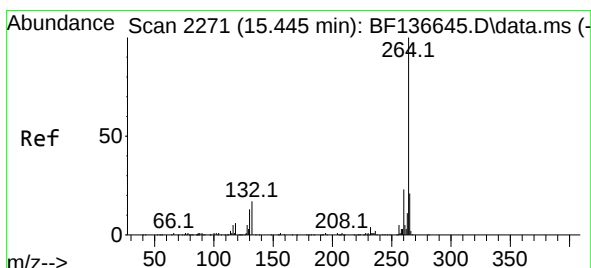
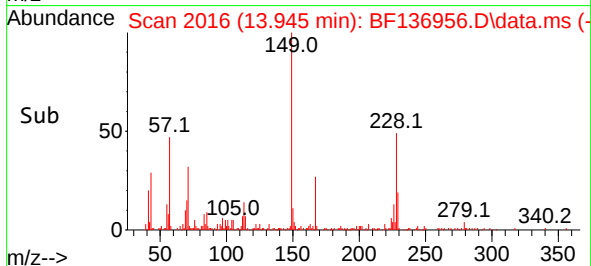
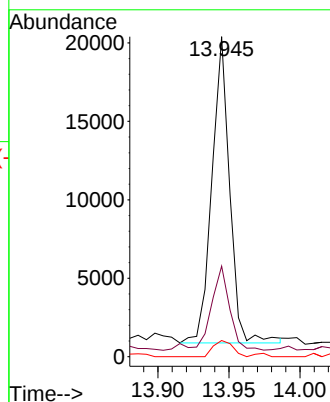
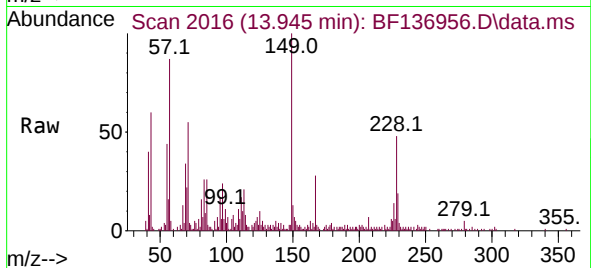
Ion	Ratio	Lower	Upper
149	100		
167	28.3	20.9	31.3
279	5.1	2.9	4.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

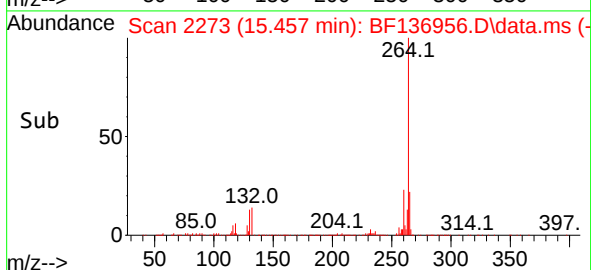
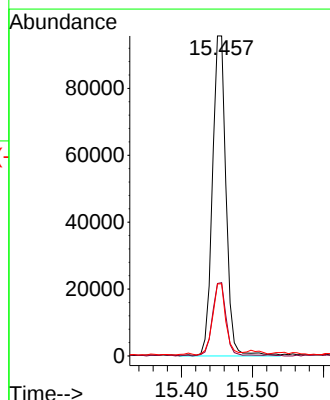
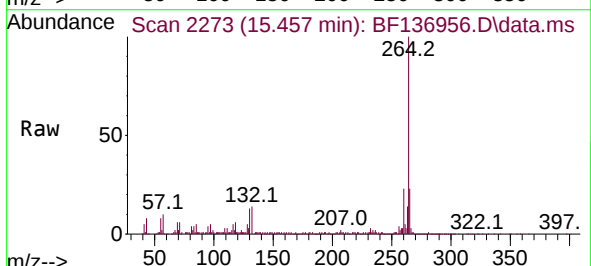
Delta R.T. 0.012 min

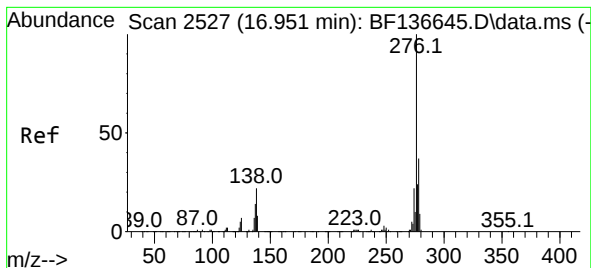
Lab File: BF136956.D

Acq: 04 Jan 2024 23:23

Tgt Ion:264 Resp: 127354

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	22.6	17.0	25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.331 ng

RT: 16.962 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF136956.D

Acq: 04 Jan 2024 23:23

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2

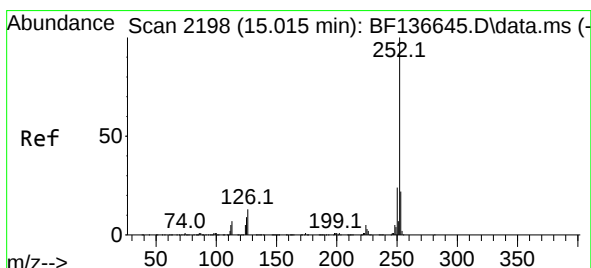
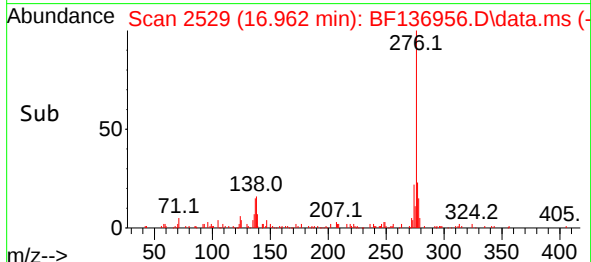
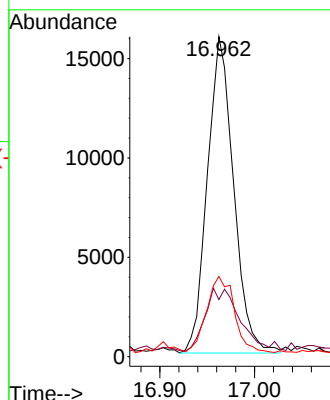
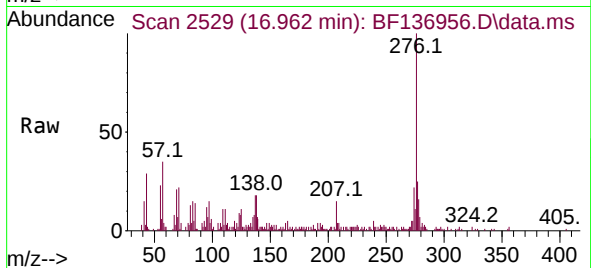
Tgt Ion:	276	Resp:	30620
Ion Ratio	Lower	Upper	
276	100		
138	27.3	18.7	28.1
277	25.2	20.2	30.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#88

Benzo(b)fluoranthene

Concen: 9.393 ng m

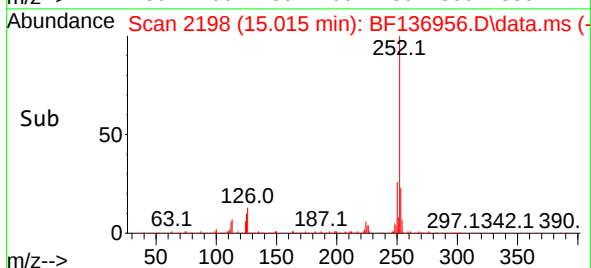
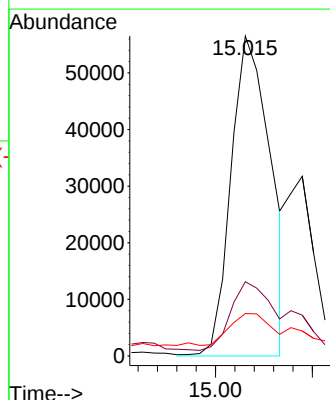
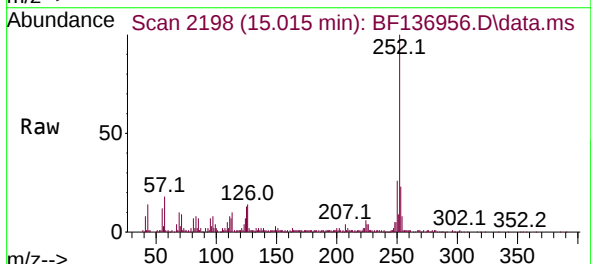
RT: 15.015 min Scan# 2198

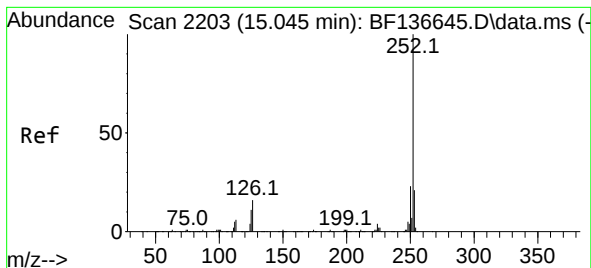
Delta R.T. 0.000 min

Lab File: BF136956.D

Acq: 04 Jan 2024 23:23

Tgt Ion:	252	Resp:	79894
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	13.2	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 4.051 ng m

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136956.D

Acq: 04 Jan 2024 23:23

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2

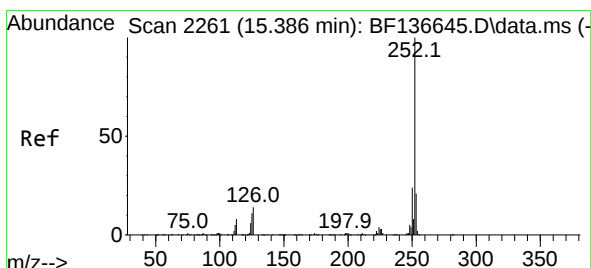
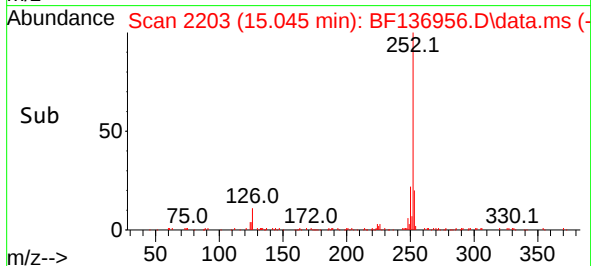
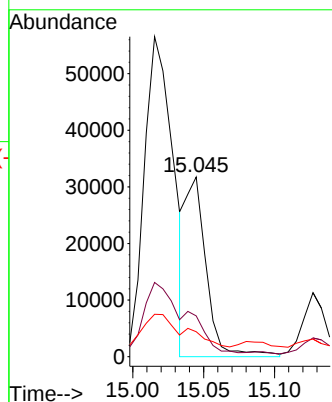
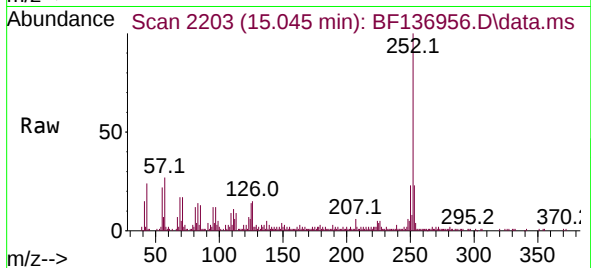
Tgt Ion:	252	Resp:	32560
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	13.9	8.2	12.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#90

Benzo(a)pyrene

Concen: 7.242 ng

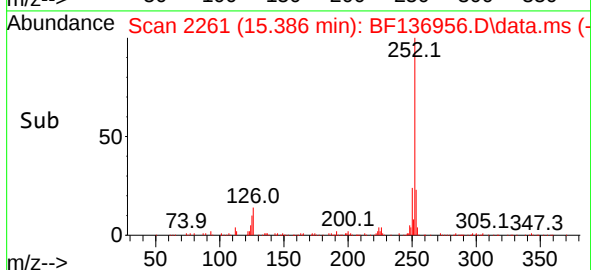
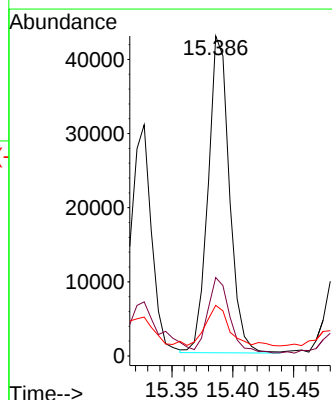
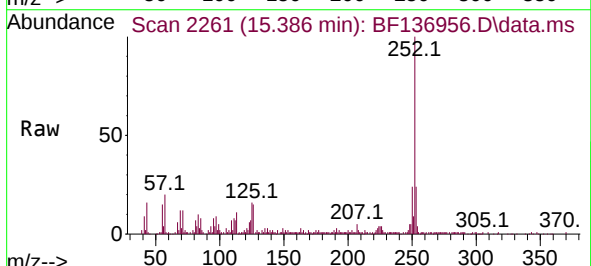
RT: 15.386 min Scan# 2261

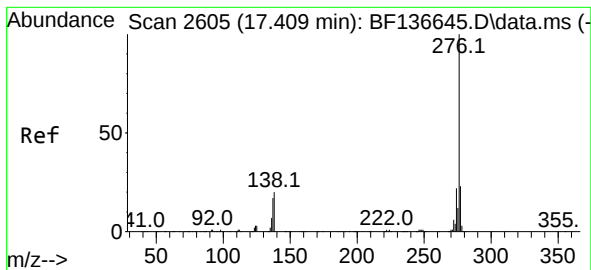
Delta R.T. 0.000 min

Lab File: BF136956.D

Acq: 04 Jan 2024 23:23

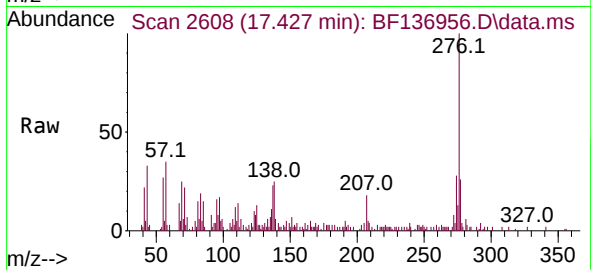
Tgt Ion:	252	Resp:	51995
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	15.8	8.8	13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.551 ng
 RT: 17.427 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF136956.D
 Acq: 04 Jan 2024 23:23

Instrument :
 BNA_F
 ClientSampleId :
 MR-323-0-2



Tgt Ion:	276	Resp:	27434
Ion Ratio	Lower	Upper	
276	100		
277	25.6	18.3	27.5
138	24.9	15.6	23.4

Manual Integrations
 APPROVED

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

