

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137743.D
 Acq On : 26 Apr 2024 19:29
 Operator : CG\JU
 Sample : P2270-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11936

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 26 23:03:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	312491	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1213187	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	646653	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	949774	20.000	ng	0.00
76) Chrysene-d12	14.251	240	541107	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	563364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1778362	86.447	ng	0.00
7) Phenol-d6	6.669	99	2236471	85.611	ng	0.00
23) Nitrobenzene-d5	7.622	82	1364080	59.686	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	543606	83.309	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2601136	60.104	ng	0.00
79) Terphenyl-d14	13.186	244	2063869	61.391	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.816	202	118280	2.238	ng	99
78) Pyrene	13.045	202	92377	2.080	ng	99
88) Benzo(b)fluoranthene	15.345	252	80748m	2.240	ng	

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

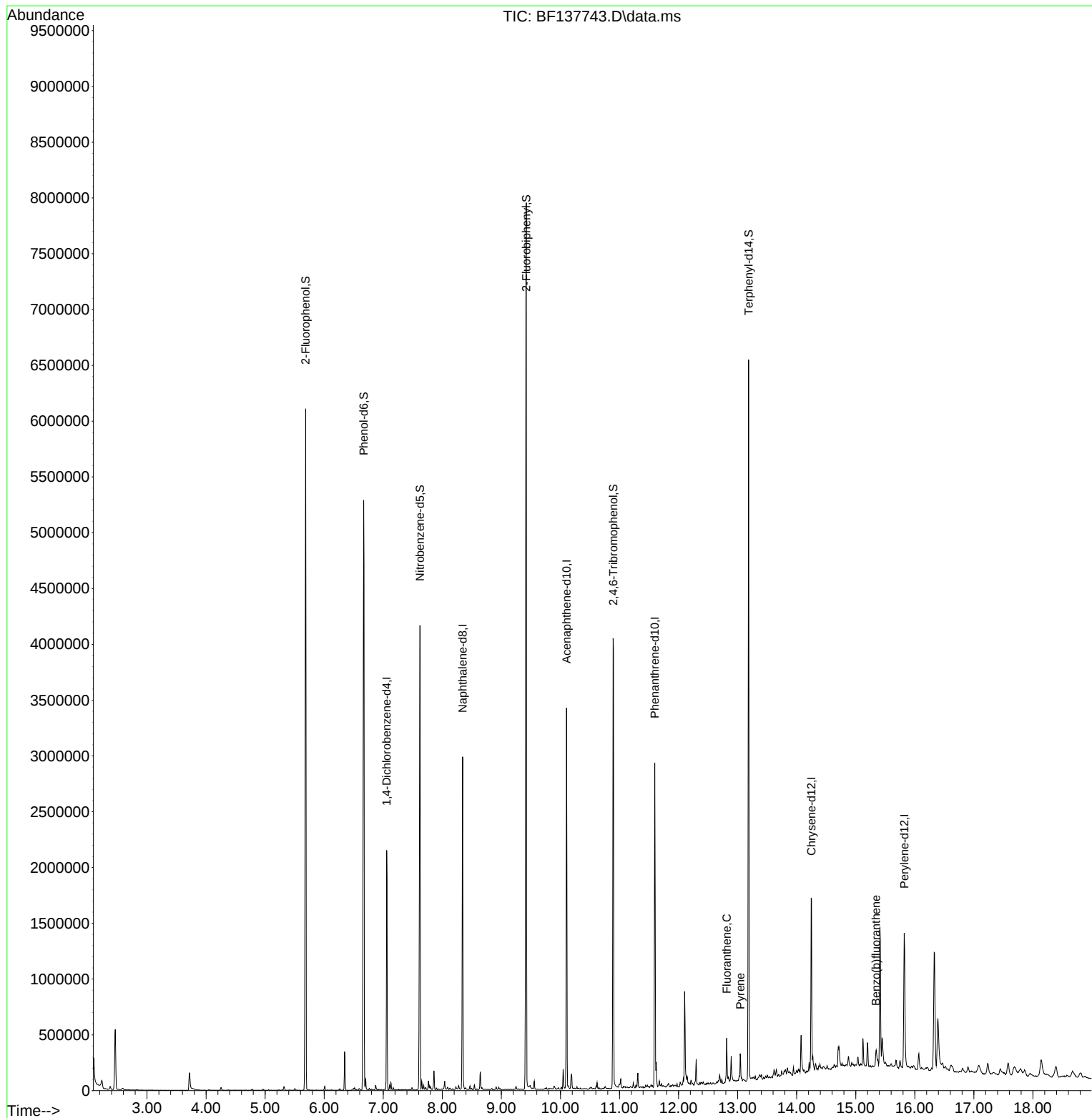
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137743.D
Acq On : 26 Apr 2024 19:29
Operator : CG\JU
Sample : P2270-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

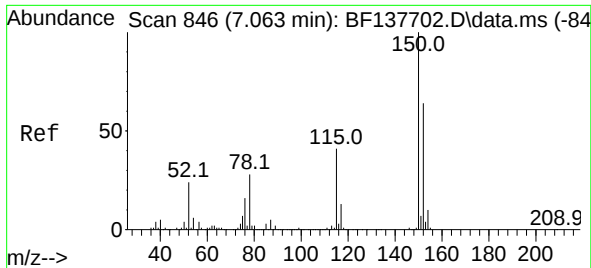
Instrument :
BNA_F
ClientSampleId :
72-11936

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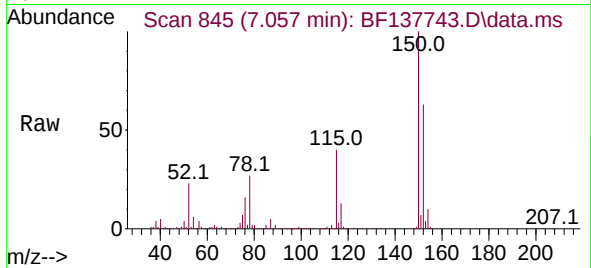
Quant Time: Apr 26 23:03:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

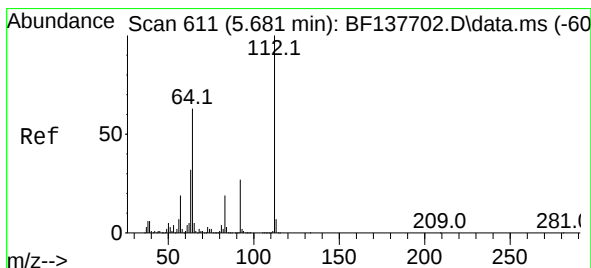
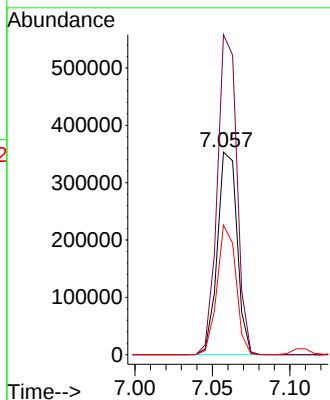
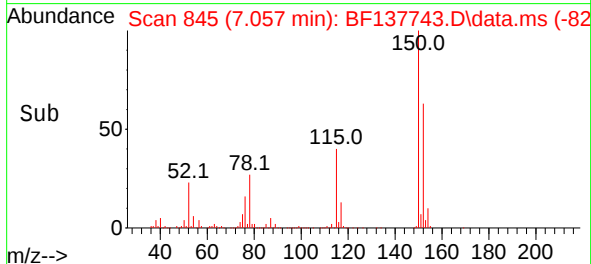
Instrument :
BNA_F
ClientSampleId :
72-11936



Tgt Ion:152 Resp: 31249
Ion Ratio Lower Upper
152 100
150 157.9 124.2 186.4
115 64.0 50.8 76.2

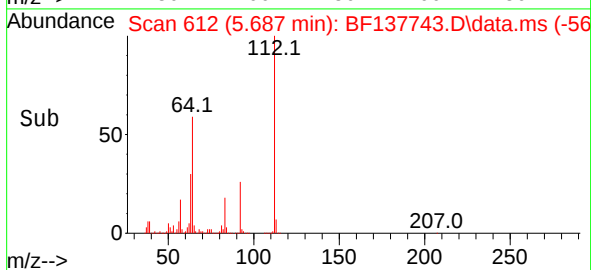
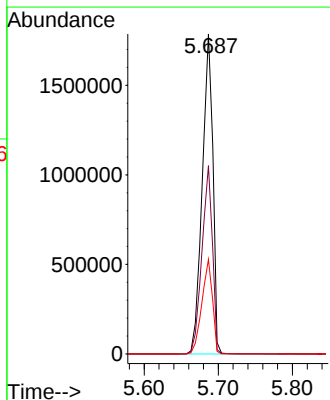
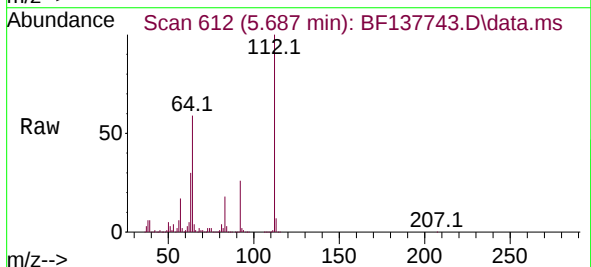
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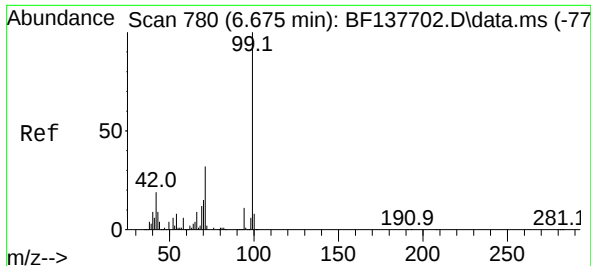
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#5
2-Fluorophenol
Concen: 86.447 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

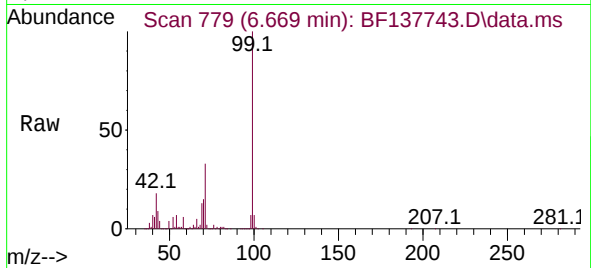
Tgt Ion:112 Resp: 1778362
Ion Ratio Lower Upper
112 100
64 58.9 50.1 75.1
63 29.6 25.2 37.8





#7
Phenol-d6
Concen: 85.611 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

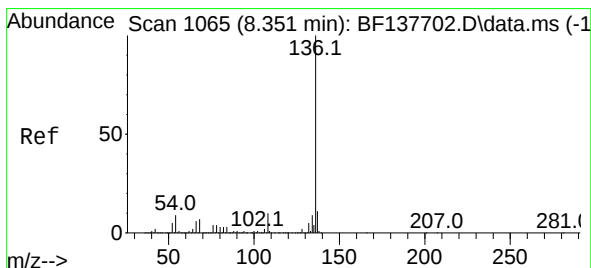
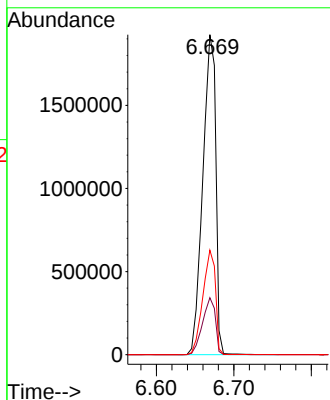
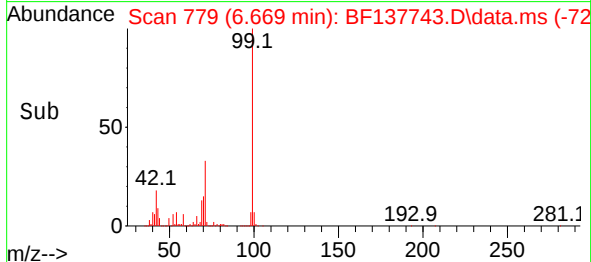
Instrument :
BNA_F
ClientSampleId :
72-11936



Tgt Ion: 99 Resp: 223647
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 32.6 25.7 38.5

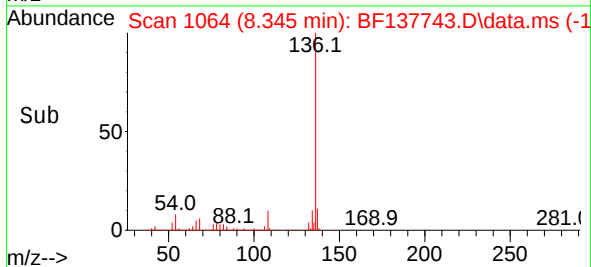
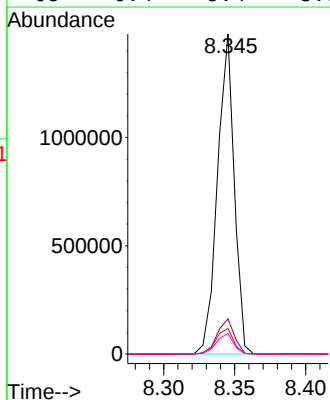
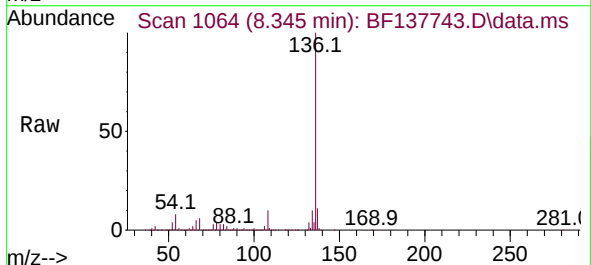
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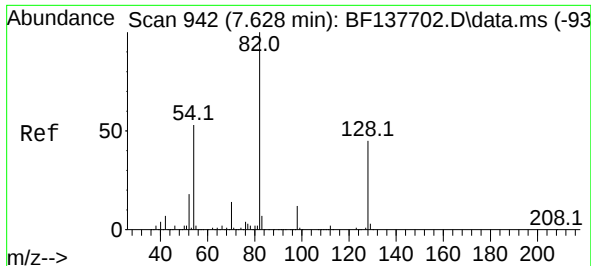
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

Tgt Ion:136 Resp: 1213187
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.9 10.3
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 59.686 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137743.D

Acq: 26 Apr 2024 19:29

Instrument :

BNA_F

ClientSampleId :

72-11936

Tgt Ion: 82 Resp: 1364080

Ion Ratio Lower Upper

82 100

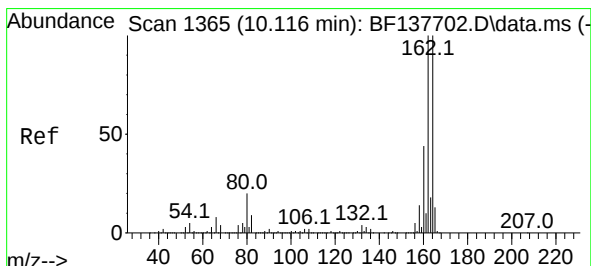
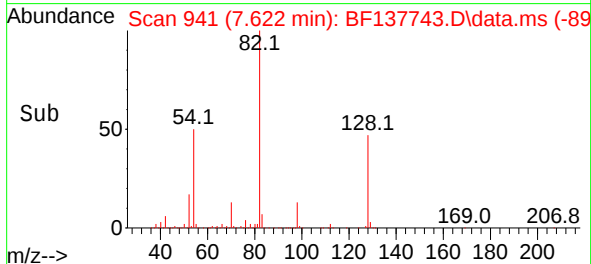
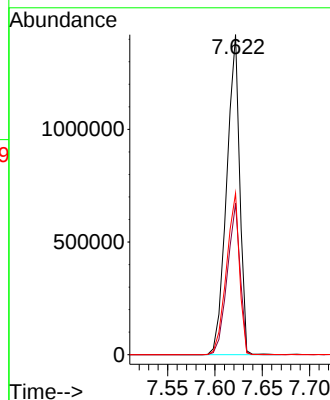
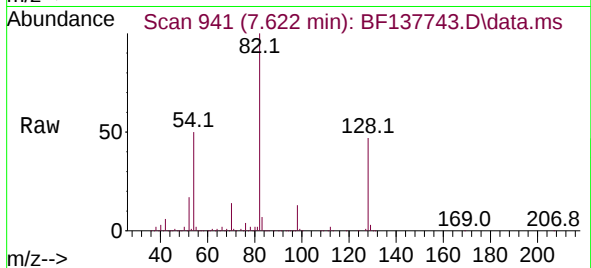
128 47.3 35.8 53.6

54 50.4 42.5 63.7

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Supervised By :mohammad ahmed 04/30/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF137743.D

Acq: 26 Apr 2024 19:29

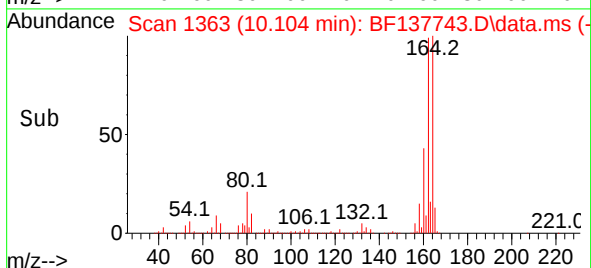
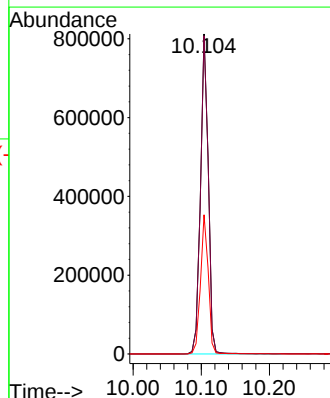
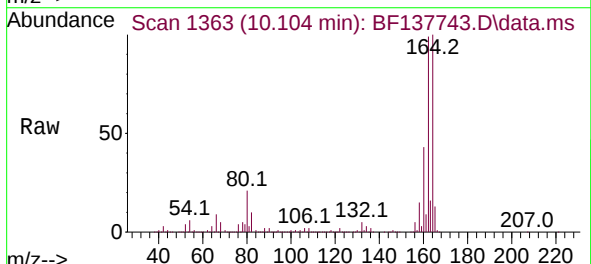
Tgt Ion:164 Resp: 646653

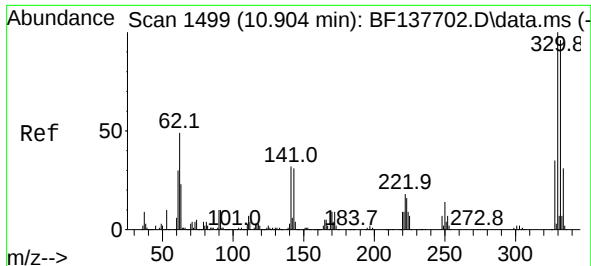
Ion Ratio Lower Upper

164 100

162 99.5 80.3 120.5

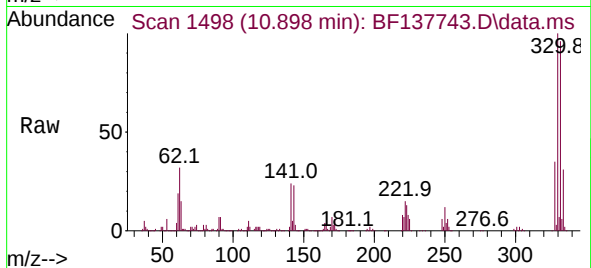
160 43.5 35.0 52.4





#42
2,4,6-Tribromophenol
Concen: 83.309 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

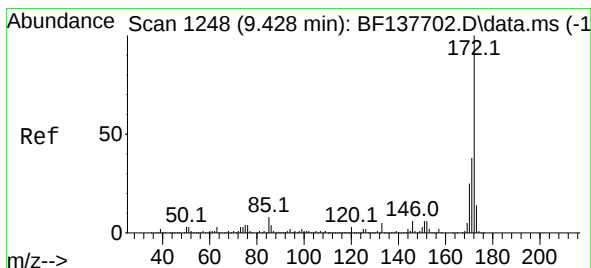
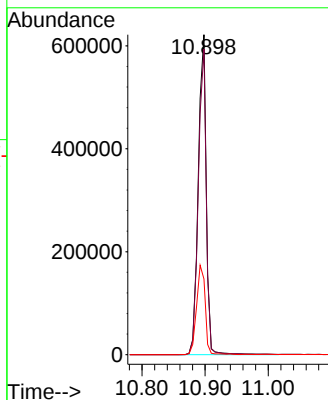
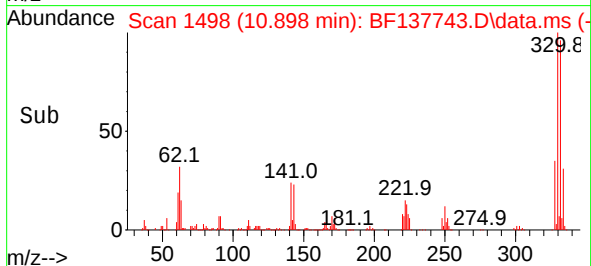
Instrument :
BNA_F
ClientSampleId :
72-11936



Tgt Ion:330 Resp: 543600
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 30.2 27.0 40.4

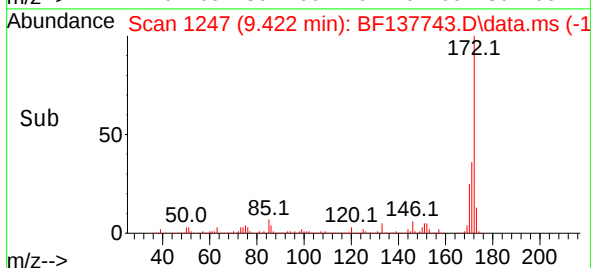
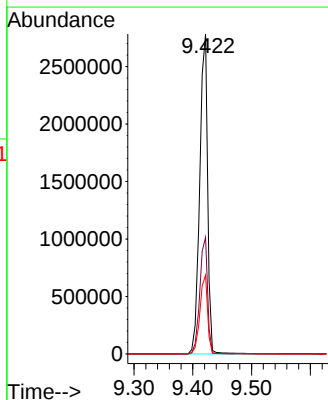
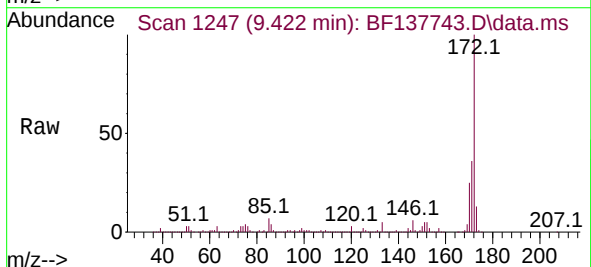
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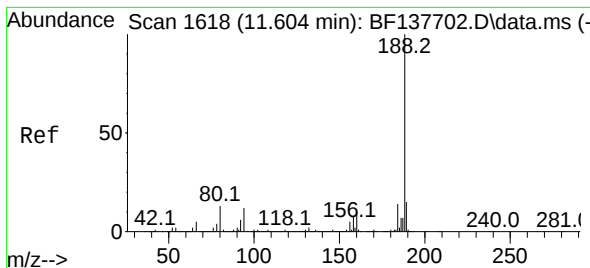
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#45
2-Fluorobiphenyl
Concen: 60.104 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

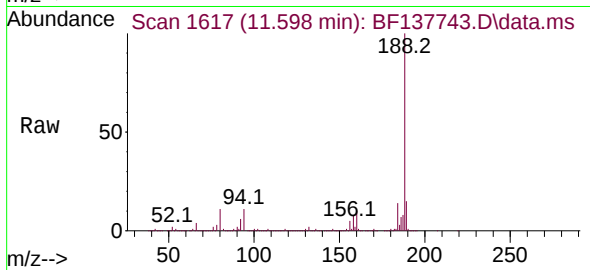
Tgt Ion:172 Resp: 2601136
Ion Ratio Lower Upper
172 100
171 36.5 30.2 45.4
170 24.6 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

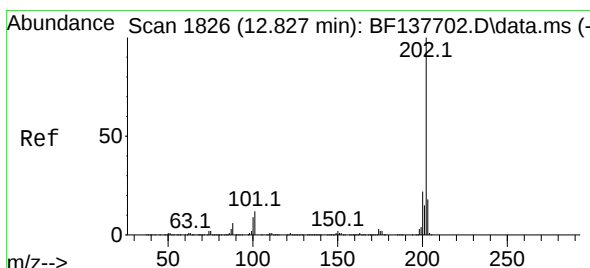
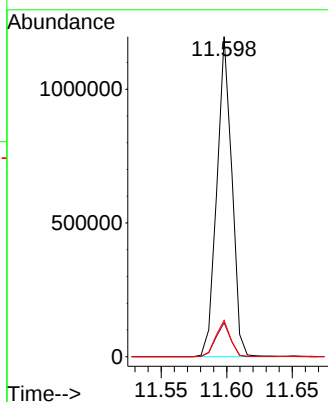
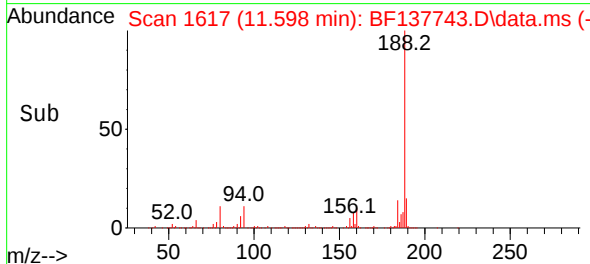
Instrument :
BNA_F
ClientSampleId :
72-11936



Tgt Ion:188 Resp: 949774
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.4 10.2 15.4

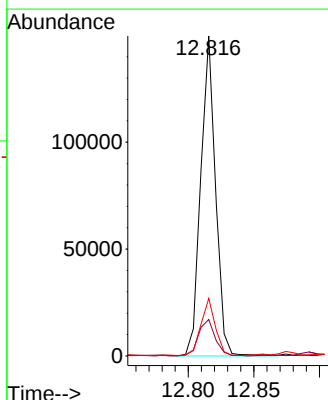
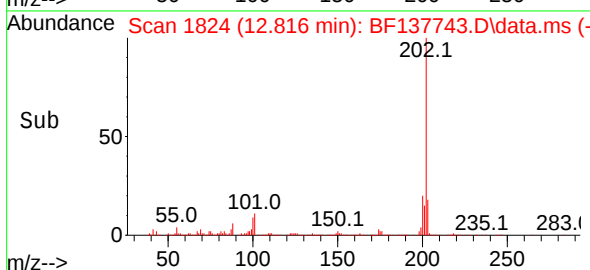
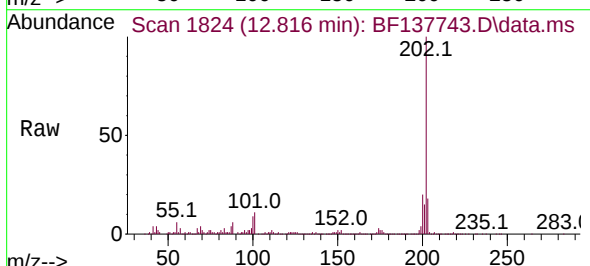
Manual Integrations
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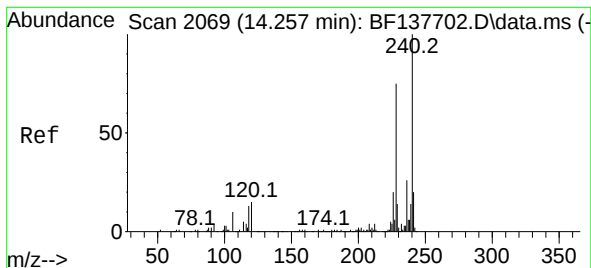
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#75
Fluoranthene
Concen: 2.238 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

Tgt Ion:202 Resp: 118280
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 18.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137743.D

Acq: 26 Apr 2024 19:29

Instrument :

BNA_F

ClientSampleId :

72-11936

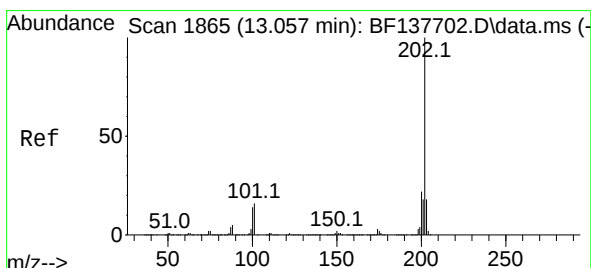
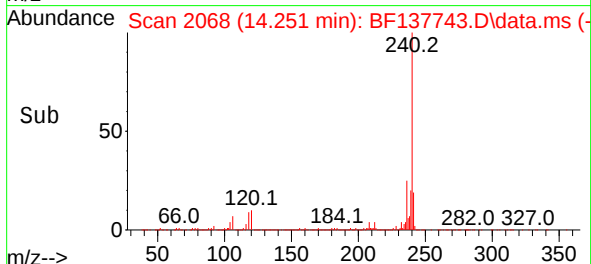
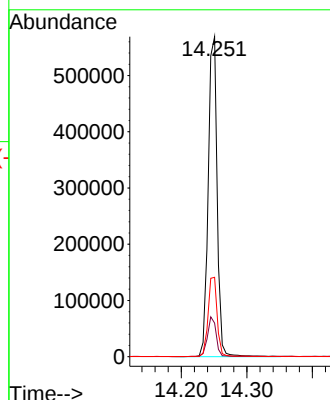
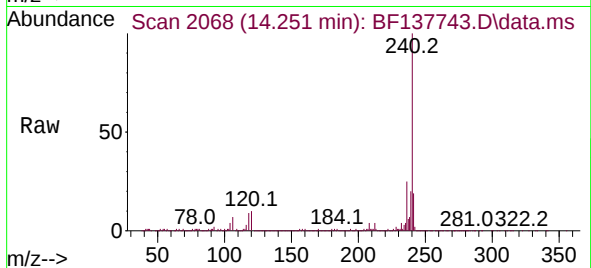
Tgt Ion:240 Resp: 54110

Ion	Ratio	Lower	Upper
240	100		
120	10.5	11.9	17.9
236	24.8	20.8	31.2

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Supervised By :mohammad ahmed 04/30/2024



#78

Pyrene

Concen: 2.080 ng

RT: 13.045 min Scan# 1863

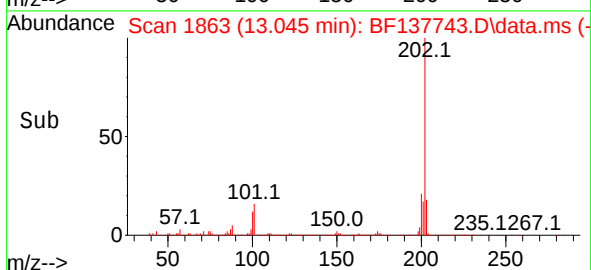
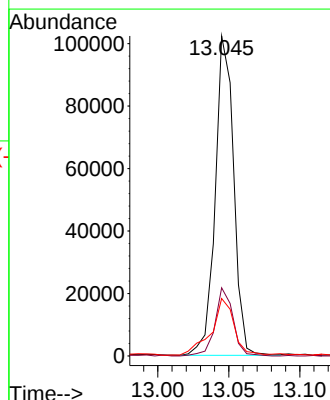
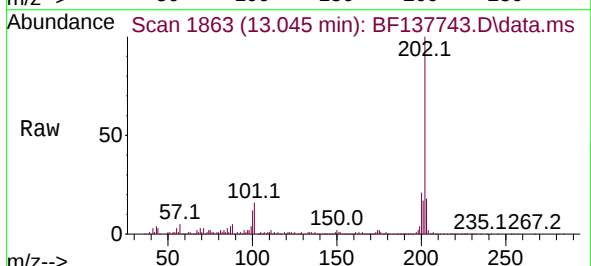
Delta R.T. -0.012 min

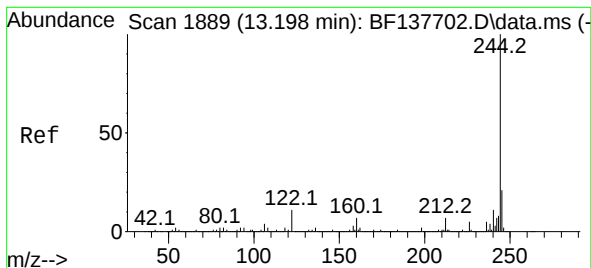
Lab File: BF137743.D

Acq: 26 Apr 2024 19:29

Tgt Ion:202 Resp: 92377

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.0	14.6	21.8





#79

Terphenyl-d14

Concen: 61.391 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.012 min

Lab File: BF137743.D

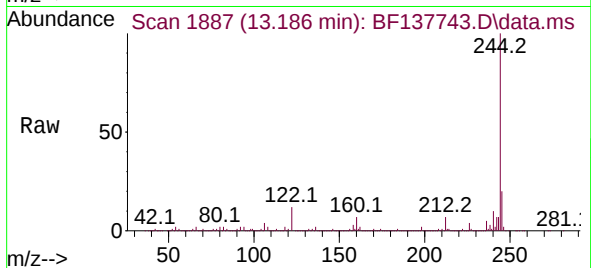
Acq: 26 Apr 2024 19:29

Instrument :

BNA_F

ClientSampleId :

72-11936



Tgt Ion:244 Resp: 206386

Ion Ratio Lower Upper

244 100

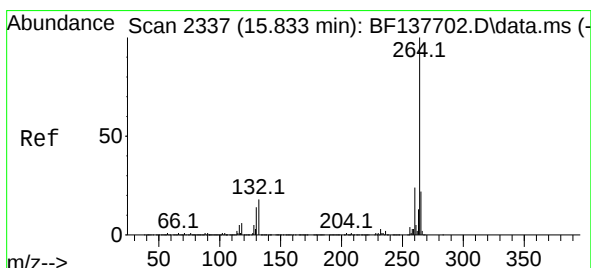
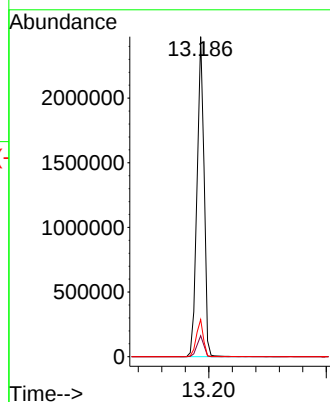
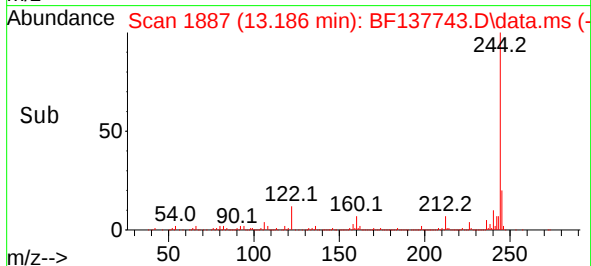
212 6.6 5.5 8.3

122 11.6 8.8 13.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. -0.012 min

Lab File: BF137743.D

Acq: 26 Apr 2024 19:29

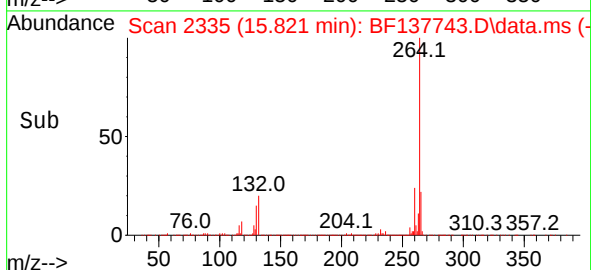
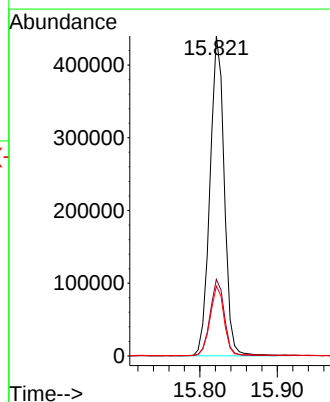
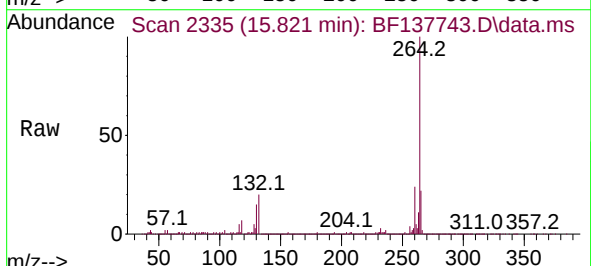
Tgt Ion:264 Resp: 563364

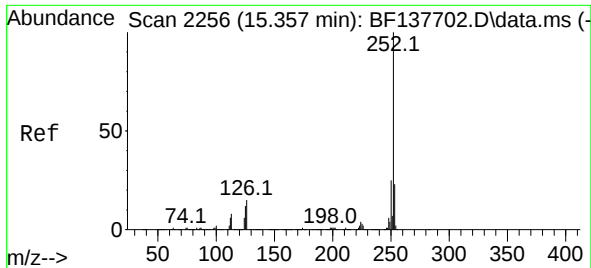
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

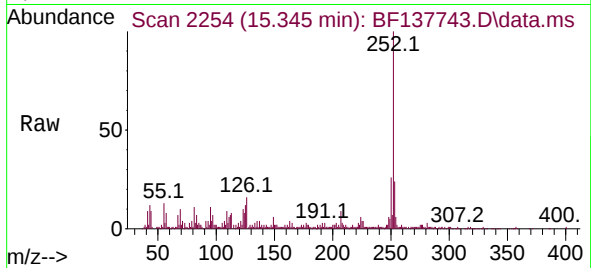
265 21.9 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.240 ng m
RT: 15.345 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137743.D
Acq: 26 Apr 2024 19:29

Instrument :
BNA_F
ClientSampleId :
72-11936



Tgt Ion:252 Resp: 80748
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 11.7 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

