

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139735.D
 Acq On : 09 Oct 2024 21:21
 Operator : RC/JU
 Sample : P4353-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-400-COMP-43

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

Quant Time: Oct 10 01:13:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79017	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	284103	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	137021	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	218696	20.000	ng	0.00
76) Chrysene-d12	14.033	240	171810	20.000	ng	0.00
86) Perylene-d12	15.510	264	128240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	453763	99.533	ng	0.00
7) Phenol-d6	6.498	99	586277	95.629	ng	0.00
23) Nitrobenzene-d5	7.428	82	372148	66.321	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	103547	78.284	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	658365	73.763	ng	0.00
79) Terphenyl-d14	12.974	244	566926	54.143	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.763	152	42493	3.657	ng	99
71) Phenanthrene	11.410	178	24844	2.409	ng	99
75) Fluoranthene	12.604	202	62156	5.514	ng	99
78) Pyrene	12.833	202	108060	7.032	ng	98
81) Benzo(a)anthracene	14.021	228	66230m	5.863	ng	
83) Chrysene	14.057	228	60254	5.834	ng	96
87) Indeno(1,2,3-cd)pyrene	16.980	276	17526	2.322	ng	95
88) Benzo(b)fluoranthene	15.074	252	51632m	6.227	ng	
89) Benzo(k)fluoranthene	15.092	252	16518m	2.348	ng	
90) Benzo(a)pyrene	15.445	252	36144	5.528	ng	# 92
92) Benzo(g,h,i)perylene	17.427	276	20495	3.264	ng	93

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

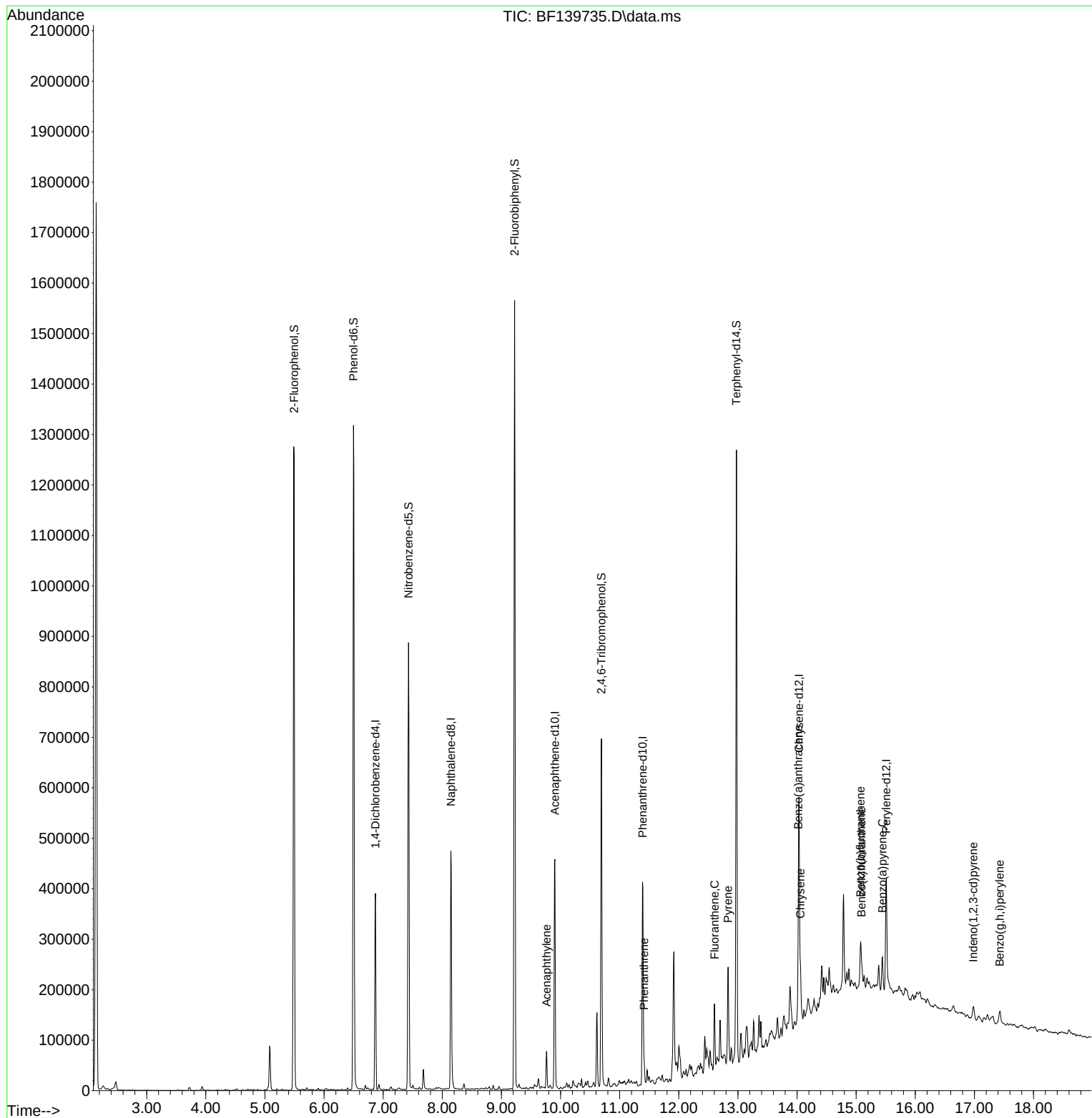
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139735.D
Acq On : 09 Oct 2024 21:21
Operator : RC/JU
Sample : P4353-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

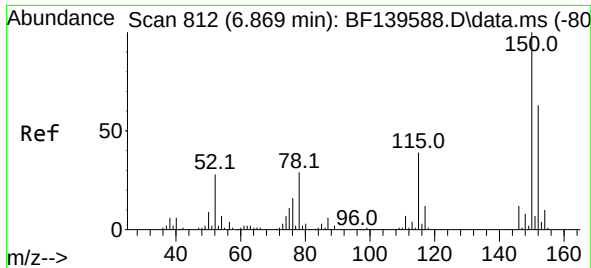
Instrument :
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ClientSampleId :
CF-400-COMP-43

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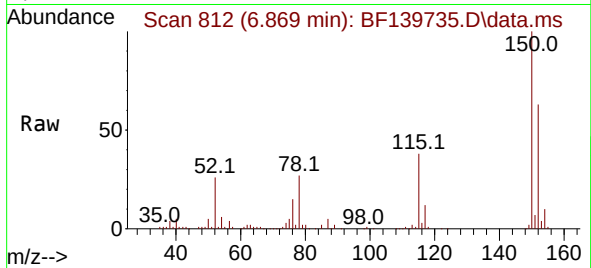
Quant Time: Oct 10 01:13:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

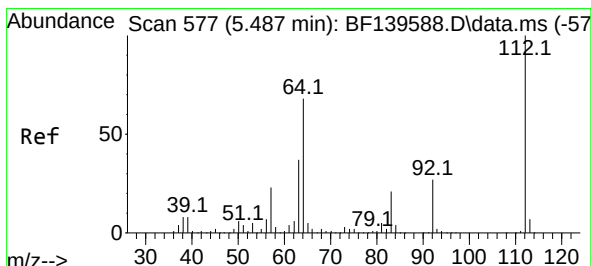
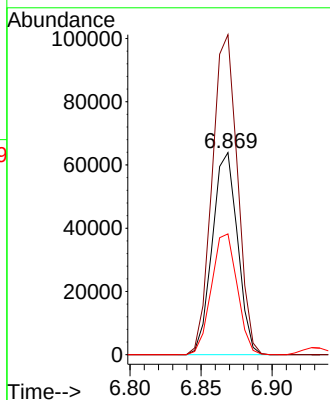
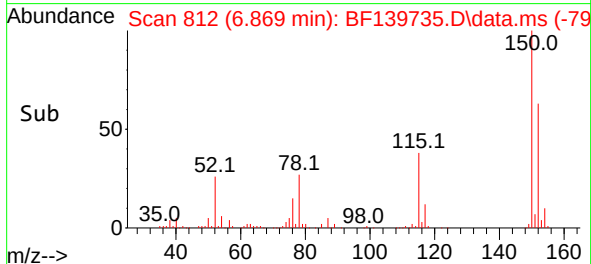
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



Tgt Ion:152 Resp: 7901
Ion Ratio Lower Upper
152 100
150 158.4 127.2 190.8
115 59.8 49.0 73.4

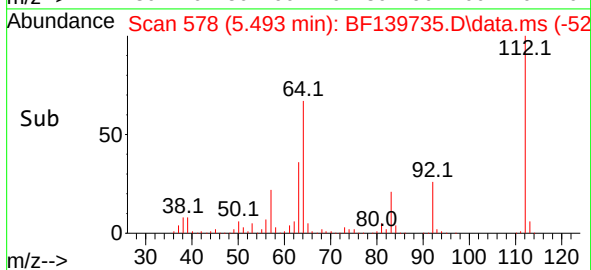
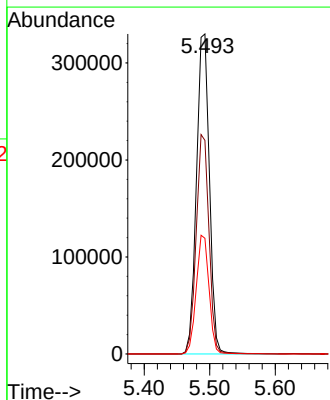
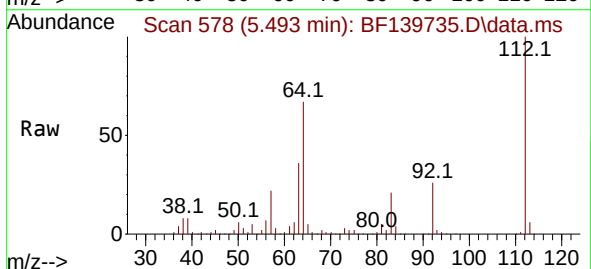
Manual Integrations
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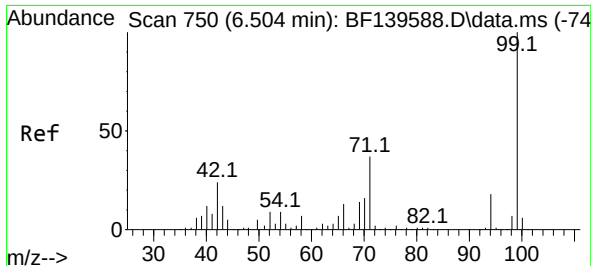
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#5
2-Fluorophenol
Concen: 99.533 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

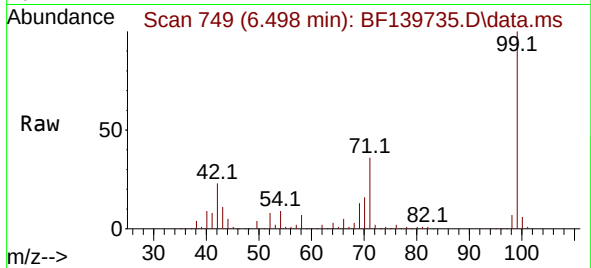
Tgt Ion:112 Resp: 453763
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.4
63 36.2 29.4 44.2





#7
Phenol-d6
Concen: 95.629 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

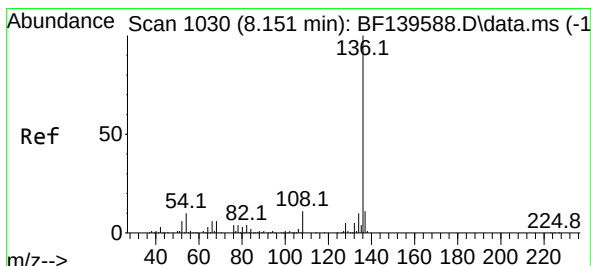
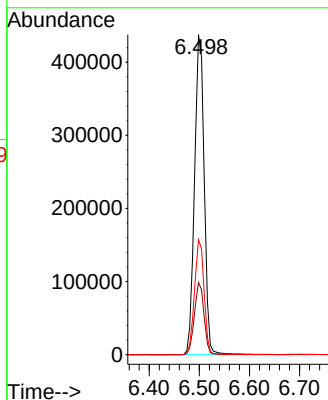
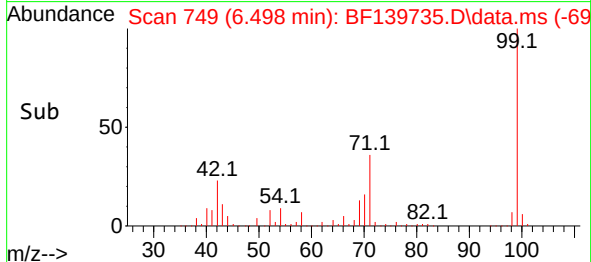
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



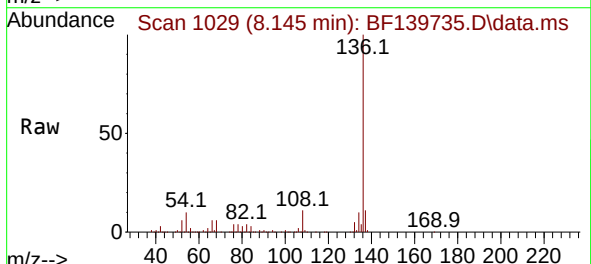
Tgt Ion: 99 Resp: 58627
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 36.0 29.7 44.5

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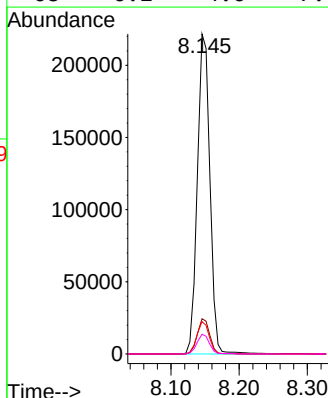
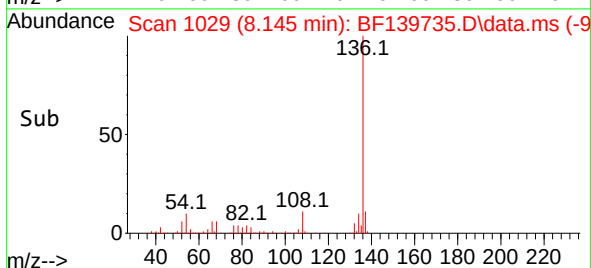
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

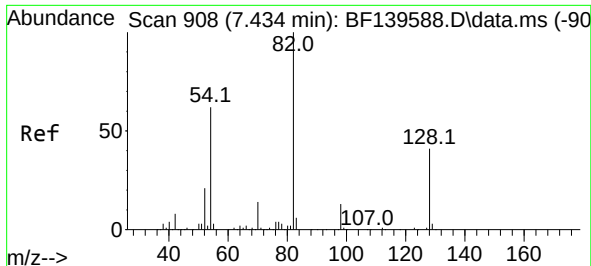


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21



Tgt Ion:136 Resp: 284103
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.1 8.3 12.5
68 6.2 4.6 7.0





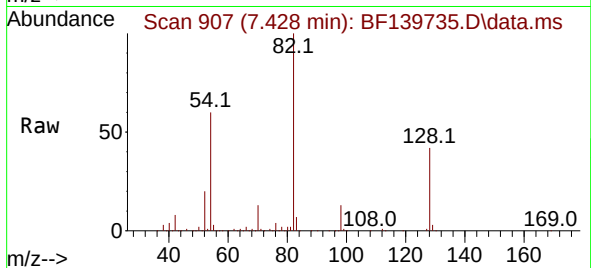
#23
Nitrobenzene-d5
Concen: 66.321 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Instrument :

BNA_F

ClientSampleId :

CF-400-COMP-43

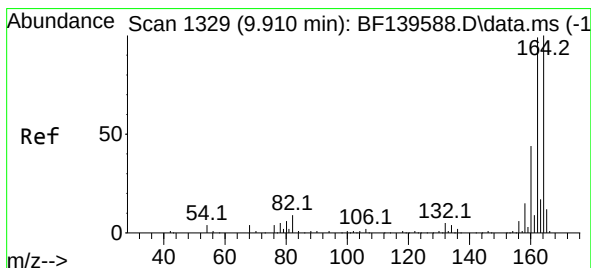
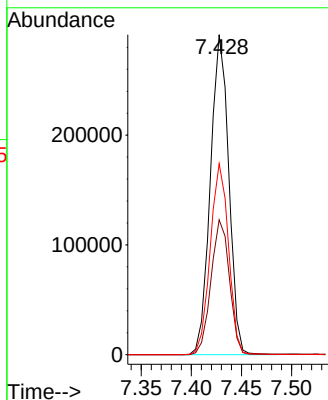
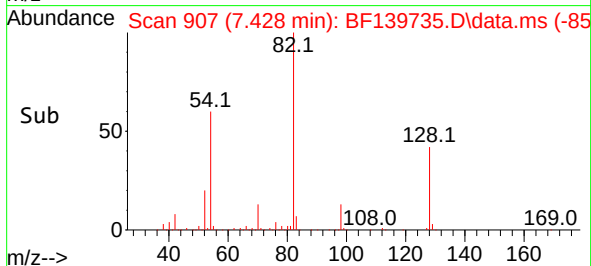


Tgt Ion: 82 Resp: 372148
Ion Ratio Lower Upper
82 100
128 42.2 32.4 48.6
54 59.7 49.1 73.7

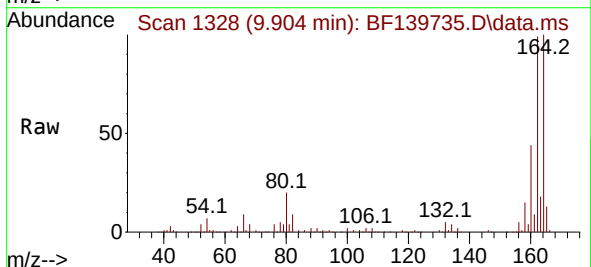
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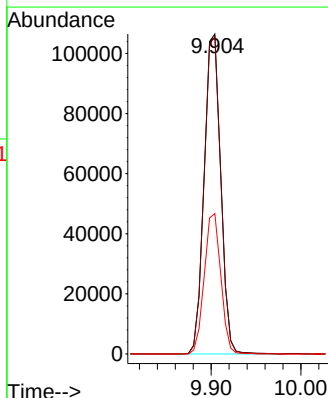
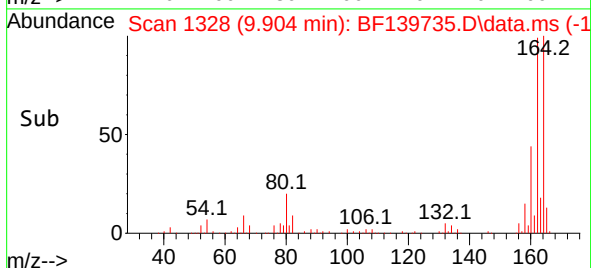
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

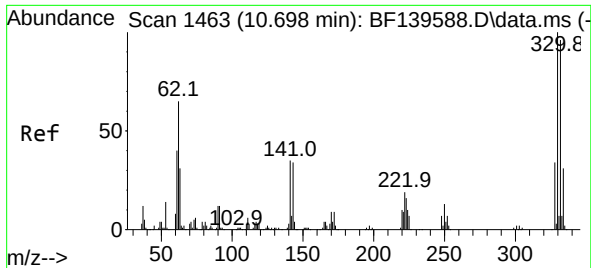


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21



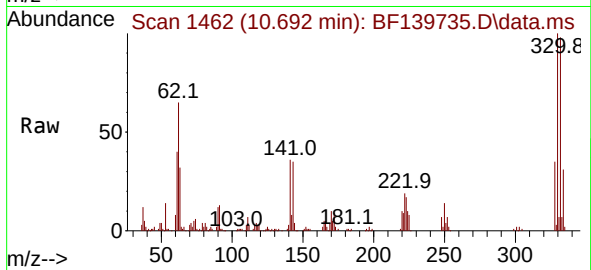
Tgt Ion:164 Resp: 137021
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 43.8 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 78.284 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

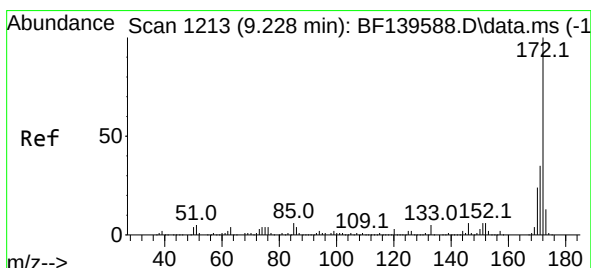
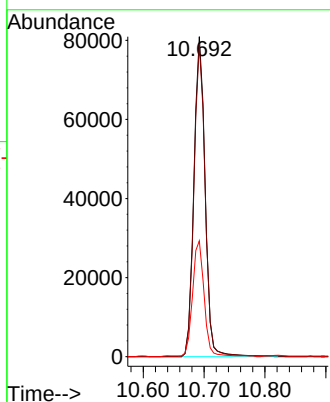
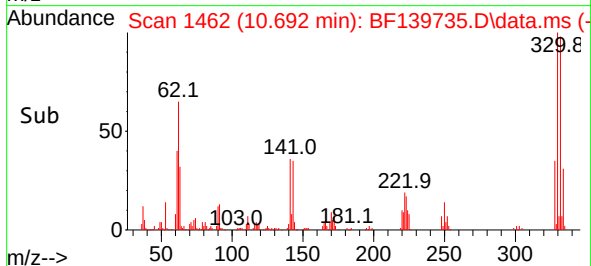
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



Tgt Ion: 330 Resp: 10354
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 37.8 29.3 43.9

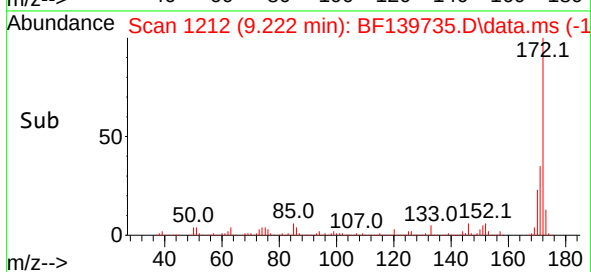
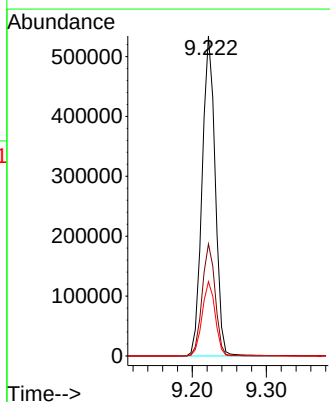
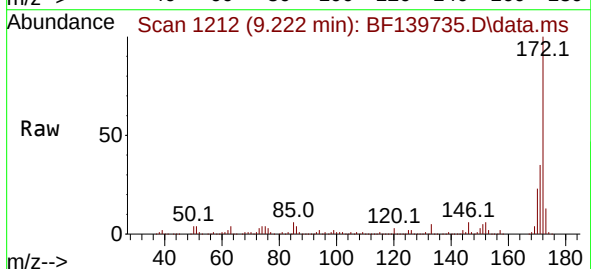
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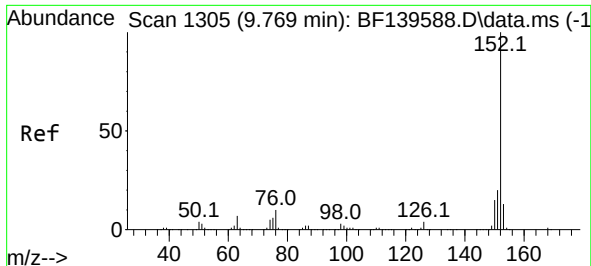
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#45
2-Fluorobiphenyl
Concen: 73.763 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Tgt Ion: 172 Resp: 658365
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.2 18.8 28.2





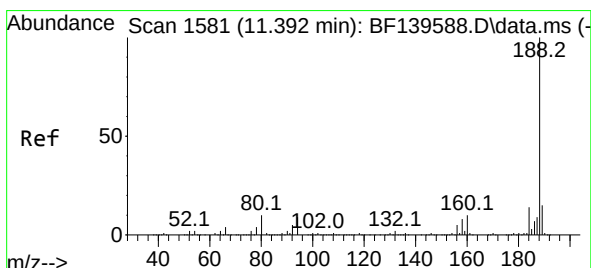
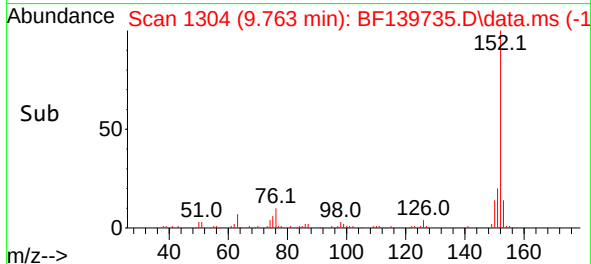
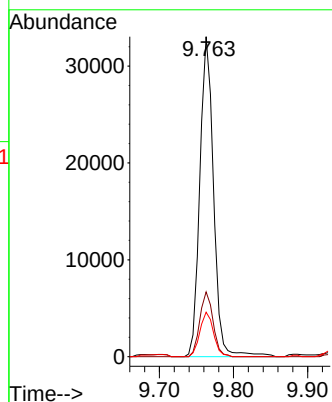
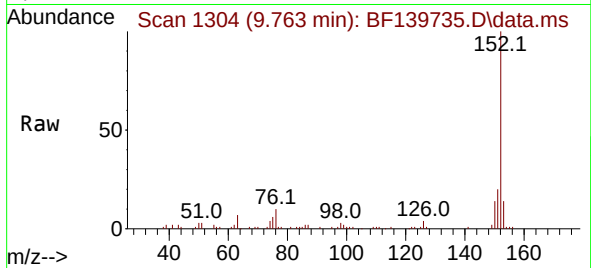
#49
Acenaphthylene
Concen: 3.657 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43

Tgt Ion:152 Resp: 4249
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.9 10.5 15.7

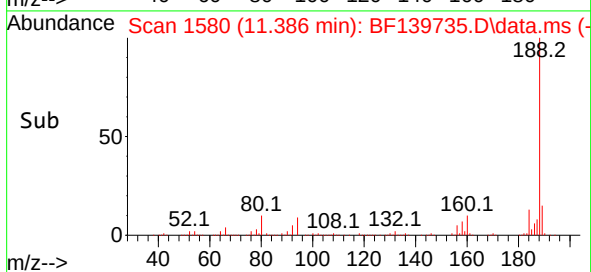
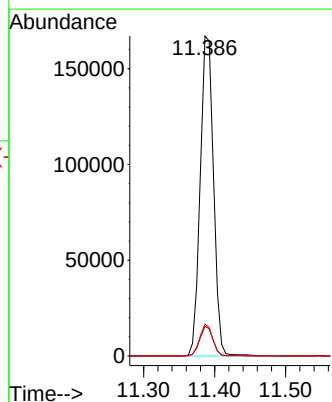
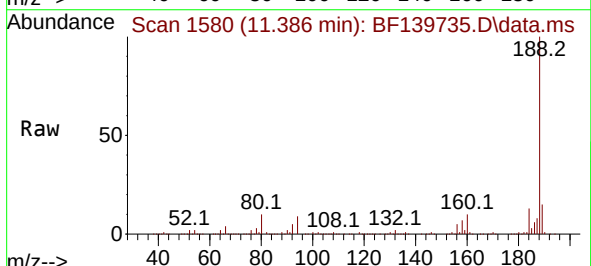
Manual Integrations
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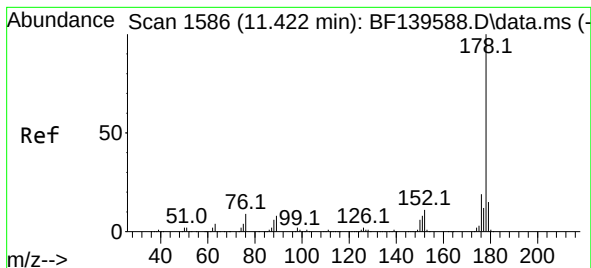
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

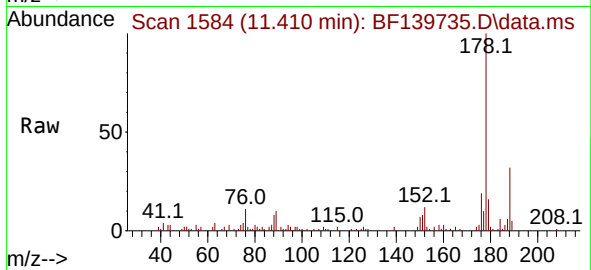
Tgt Ion:188 Resp: 218696
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.9 8.2 12.2





#71
Phenanthrene
Concen: 2.409 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

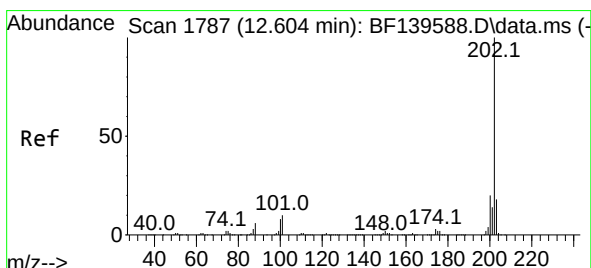
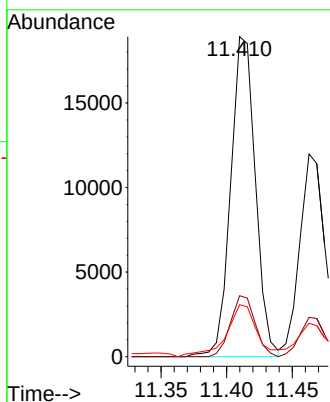
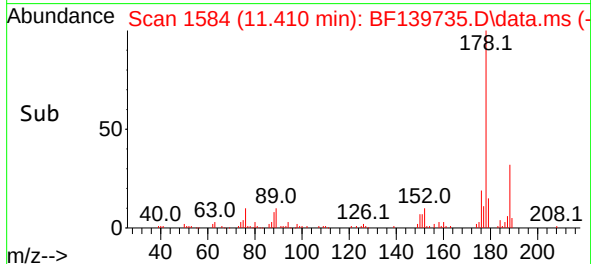
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



Tgt Ion:178 Resp: 2484
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 16.3 12.3 18.5

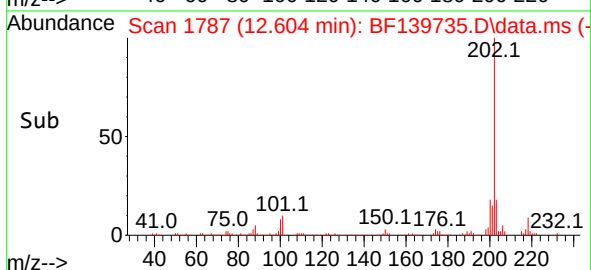
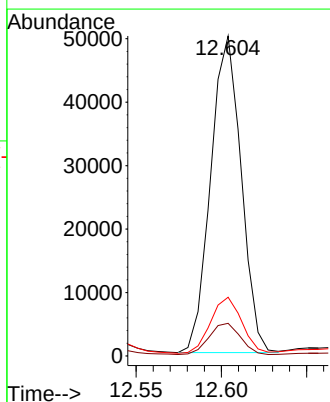
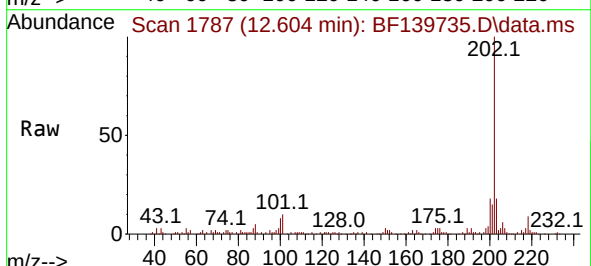
Manual Integrations
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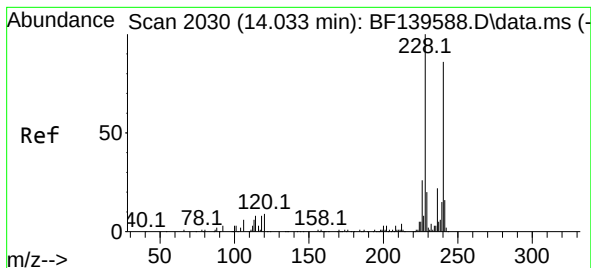
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#75
Fluoranthene
Concen: 5.514 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Tgt Ion:202 Resp: 62156
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 18.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139735.D

Acq: 09 Oct 2024 21:21

Instrument :

BNA_F

ClientSampleId :

CF-400-COMP-43

Tgt Ion:240 Resp: 171810

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

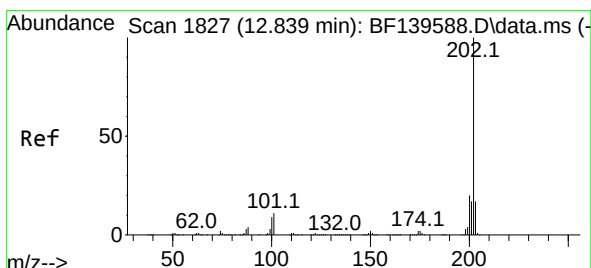
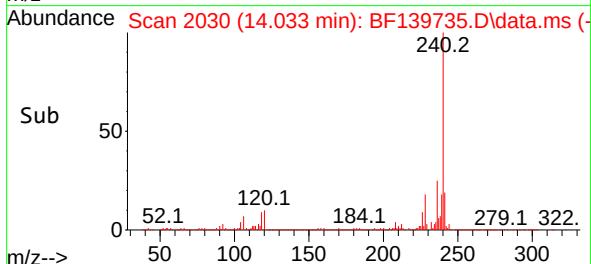
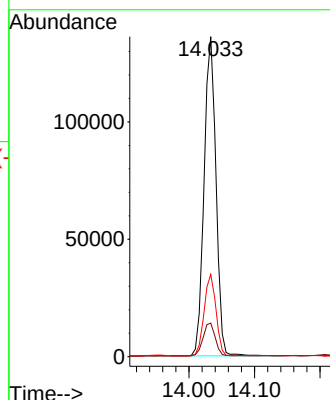
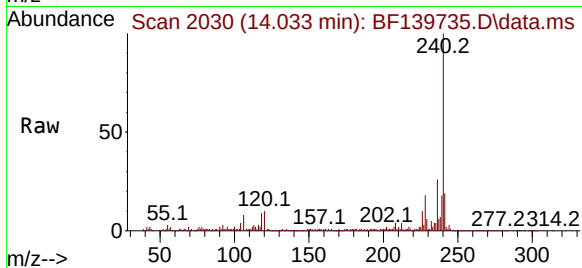
236 25.7 20.3 30.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#78

Pyrene

Concen: 7.032 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139735.D

Acq: 09 Oct 2024 21:21

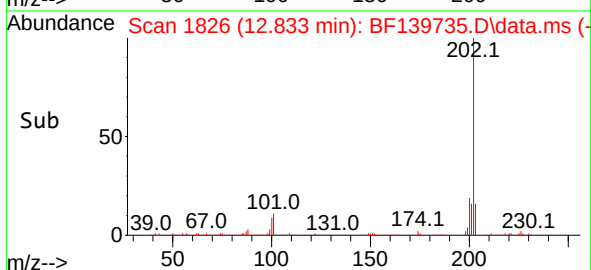
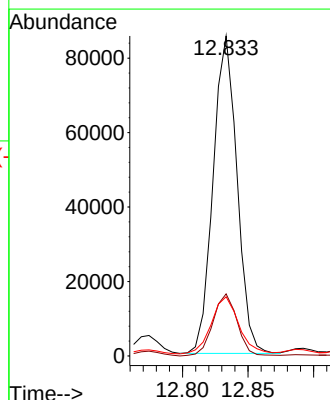
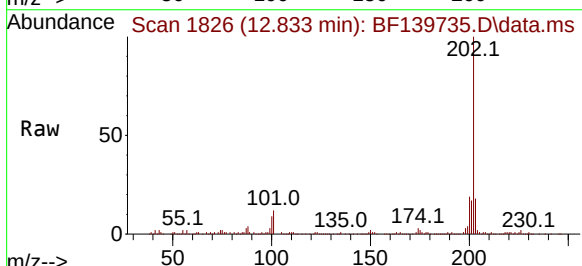
Tgt Ion:202 Resp: 108060

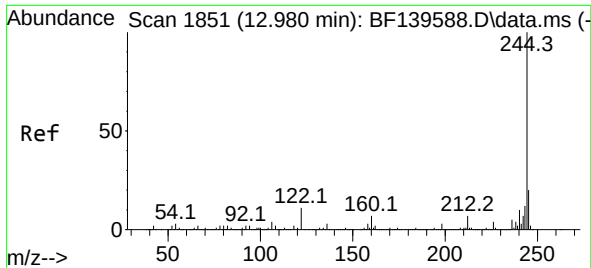
Ion Ratio Lower Upper

202 100

200 19.4 15.8 23.6

203 18.5 13.8 20.8





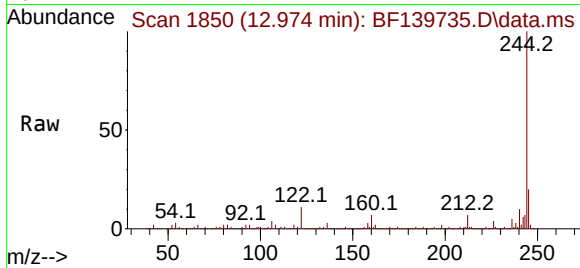
#79
 Terphenyl-d14
 Concen: 54.143 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139735.D
 Acq: 09 Oct 2024 21:21

Instrument :

BNA_F

ClientSampleId :

CF-400-COMP-43



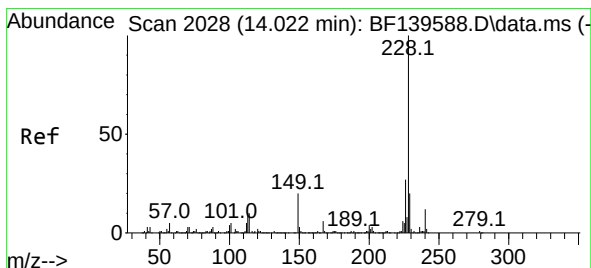
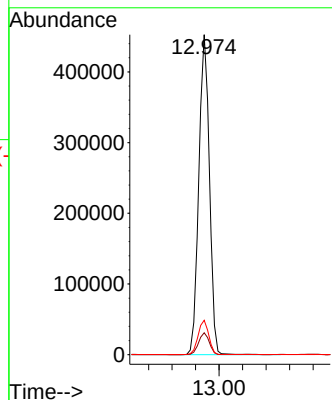
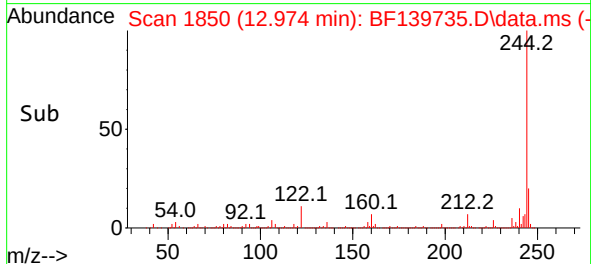
Tgt Ion:244 Resp: 566920
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.7 8.6 12.8

Manual Integrations

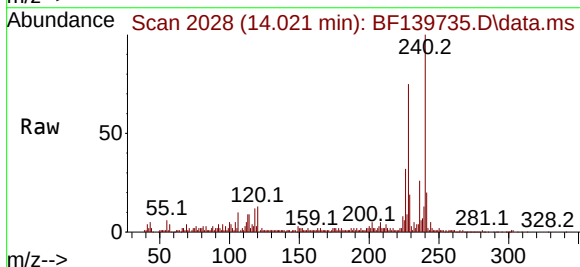
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

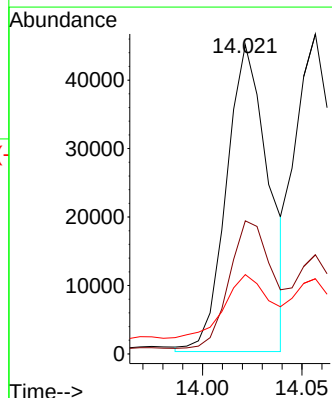
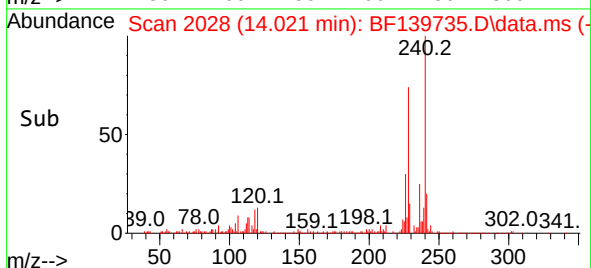
Supervised By :mohammad ahmed 10/10/2024

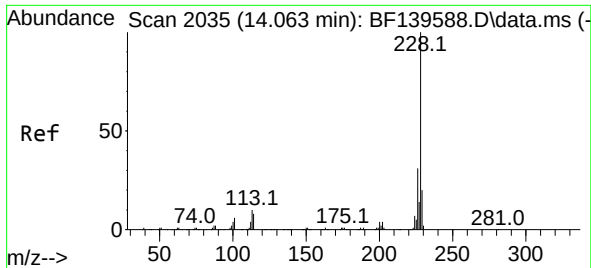


#81
 Benzo(a)anthracene
 Concen: 5.863 ng m
 RT: 14.021 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: BF139735.D
 Acq: 09 Oct 2024 21:21



Tgt Ion:228 Resp: 66230
 Ion Ratio Lower Upper
 228 100
 226 43.1 21.8 32.8#
 229 25.7 15.8 23.8#





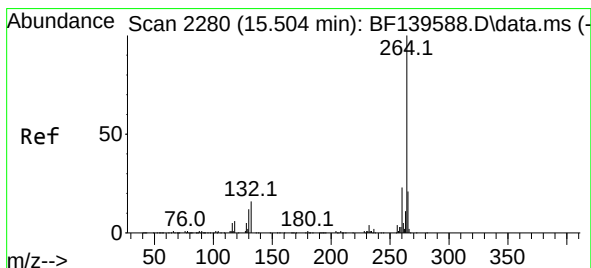
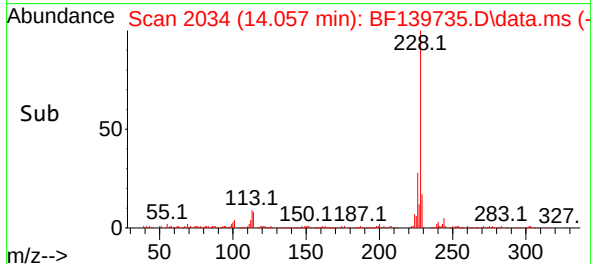
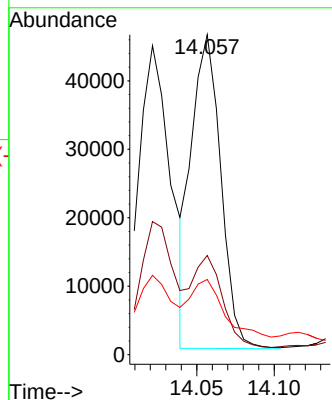
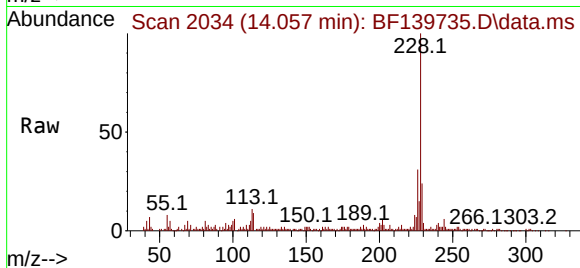
#83
Chrysene
Concen: 5.834 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43

Tgt Ion:228 Resp: 60254
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 23.5 15.7 23.5

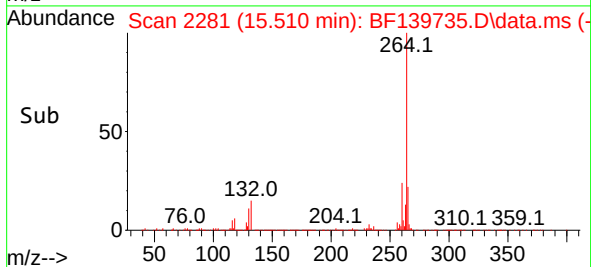
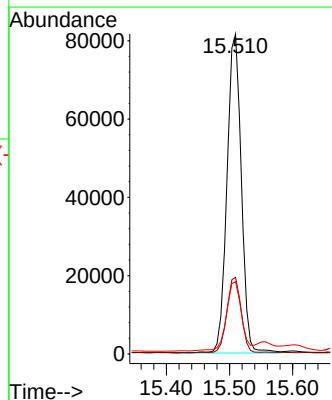
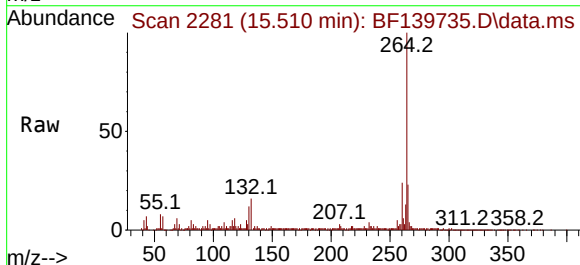
Manual Integrations
APPROVED

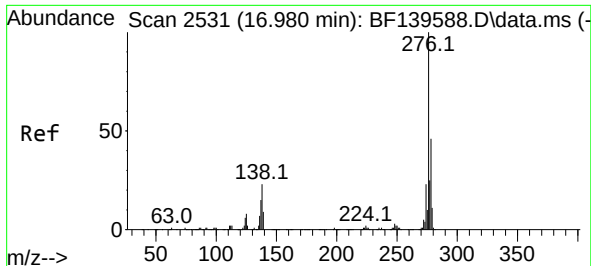
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Tgt Ion:264 Resp: 128240
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.6 16.9 25.3





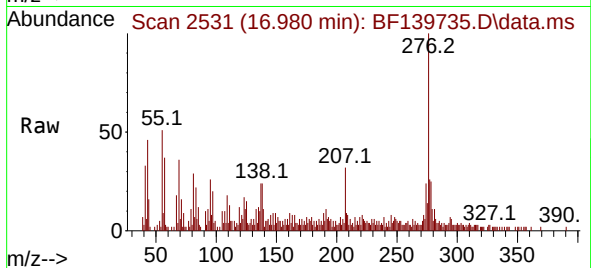
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.322 ng
RT: 16.980 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Instrument :

BNA_F

ClientSampleId :

CF-400-COMP-43

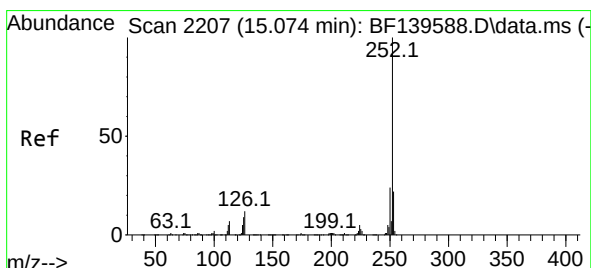
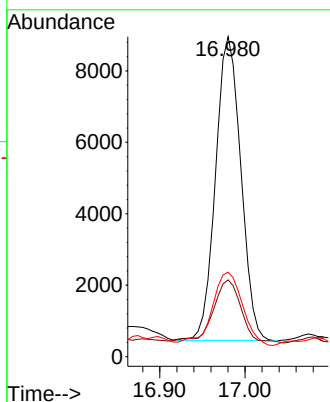
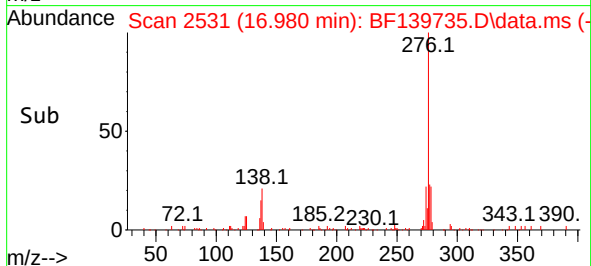


Tgt Ion:276 Resp: 17520
Ion Ratio Lower Upper
276 100
138 23.4 19.4 29.0
277 29.0 20.2 30.2

Manual Integrations

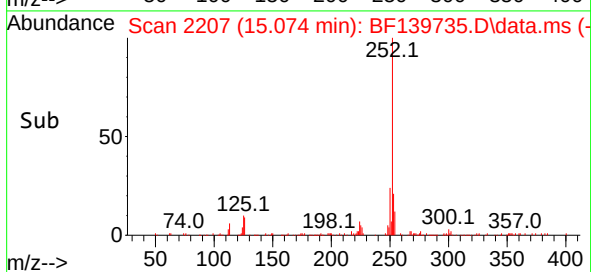
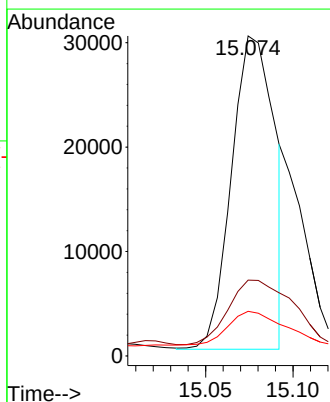
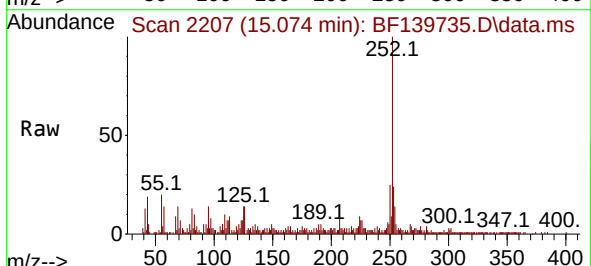
APPROVED

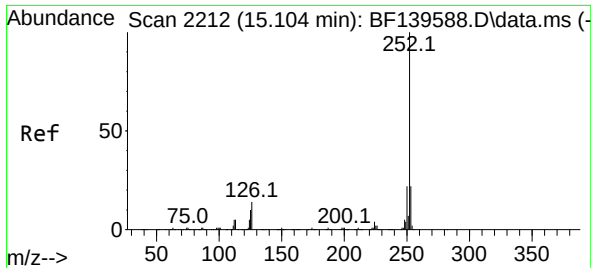
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#88
Benzo(b)fluoranthene
Concen: 6.227 ng m
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Tgt Ion:252 Resp: 51632
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 14.0 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 2.348 ng m

RT: 15.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139735.D

Acq: 09 Oct 2024 21:21

Instrument :

BNA_F

ClientSampleId :

CF-400-COMP-43

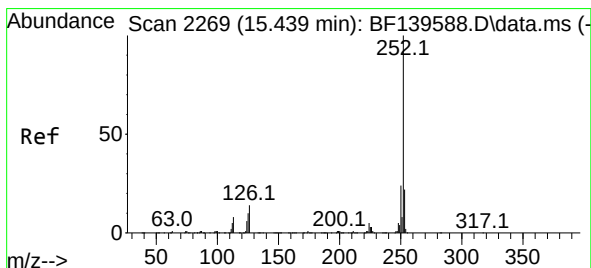
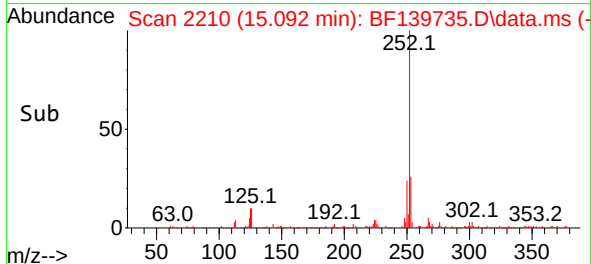
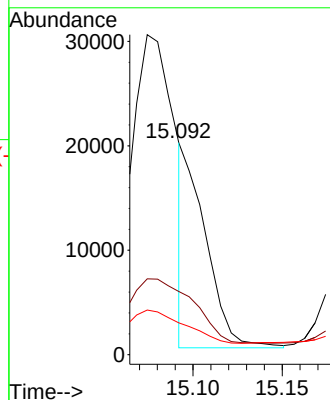
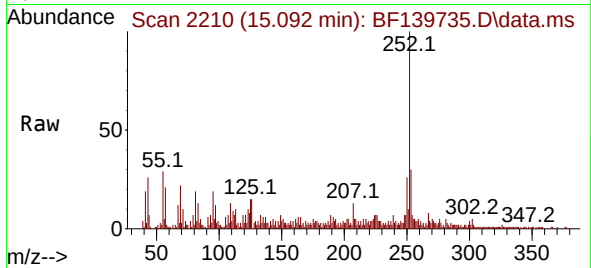
Tgt Ion:	252	Resp:	16518
Ion Ratio	Lower	Upper	
252	100		
253	29.8	17.5	26.3
125	15.0	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#90

Benzo(a)pyrene

Concen: 5.528 ng

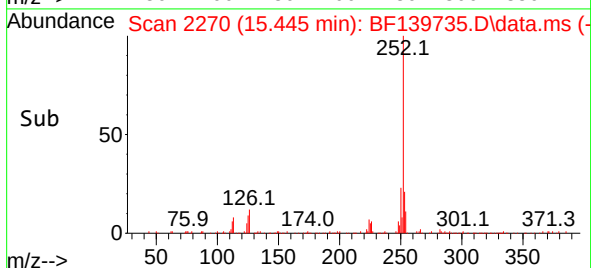
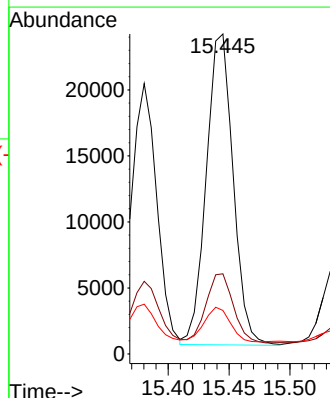
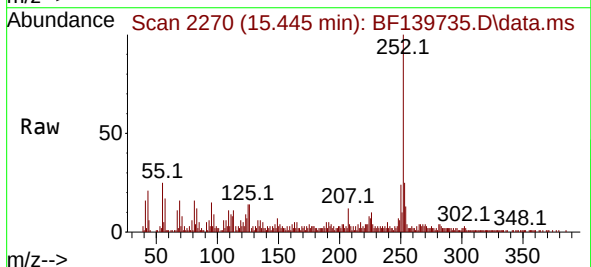
RT: 15.445 min Scan# 2270

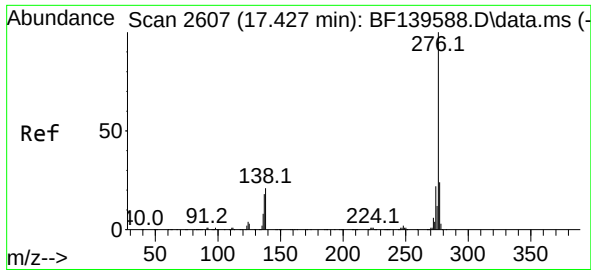
Delta R.T. 0.006 min

Lab File: BF139735.D

Acq: 09 Oct 2024 21:21

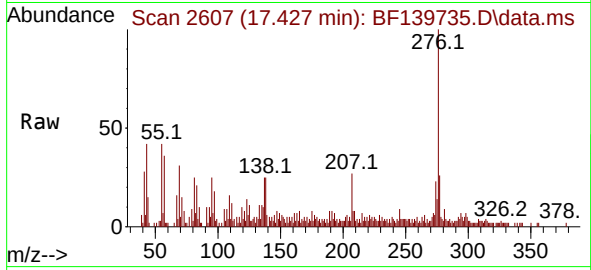
Tgt Ion:	252	Resp:	36144
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.3	25.9
125	13.6	8.3	12.5





#92
Benzo(g,h,i)perylene
Concen: 3.264 ng
RT: 17.427 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF139735.D
Acq: 09 Oct 2024 21:21

Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



Tgt Ion:	276	Resp:	2049
Ion Ratio	Lower	Upper	
276	100		
277	26.2	19.0	28.6
138	25.2	17.0	25.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

