

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139780.D
 Acq On : 11 Oct 2024 17:42
 Operator : RC/JU
 Sample : P4353-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 11 18:16:28 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	65897	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	216244	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	107983	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	216876	20.000	ng	0.00
76) Chrysene-d12	14.033	240	151342	20.000	ng	0.00
86) Perylene-d12	15.509	264	110446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	194468	51.150	ng	0.00
7) Phenol-d6	6.498	99	230687	45.120	ng	0.00
23) Nitrobenzene-d5	7.428	82	136024	31.848	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	49822	47.795	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	251591	35.768	ng	0.00
79) Terphenyl-d14	12.974	244	317956	34.472	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.763	152	20690	2.260	ng	98
75) Fluoranthene	12.604	202	32544	2.911	ng	96
78) Pyrene	12.833	202	56927	4.206	ng	98
81) Benzo(a)anthracene	14.021	228	27820	2.796	ng	# 77
83) Chrysene	14.057	228	27900	3.067	ng	# 95
88) Benzo(b)fluoranthene	15.080	252	19514m	2.733	ng	
90) Benzo(a)pyrene	15.445	252	16045	2.849	ng	# 87

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

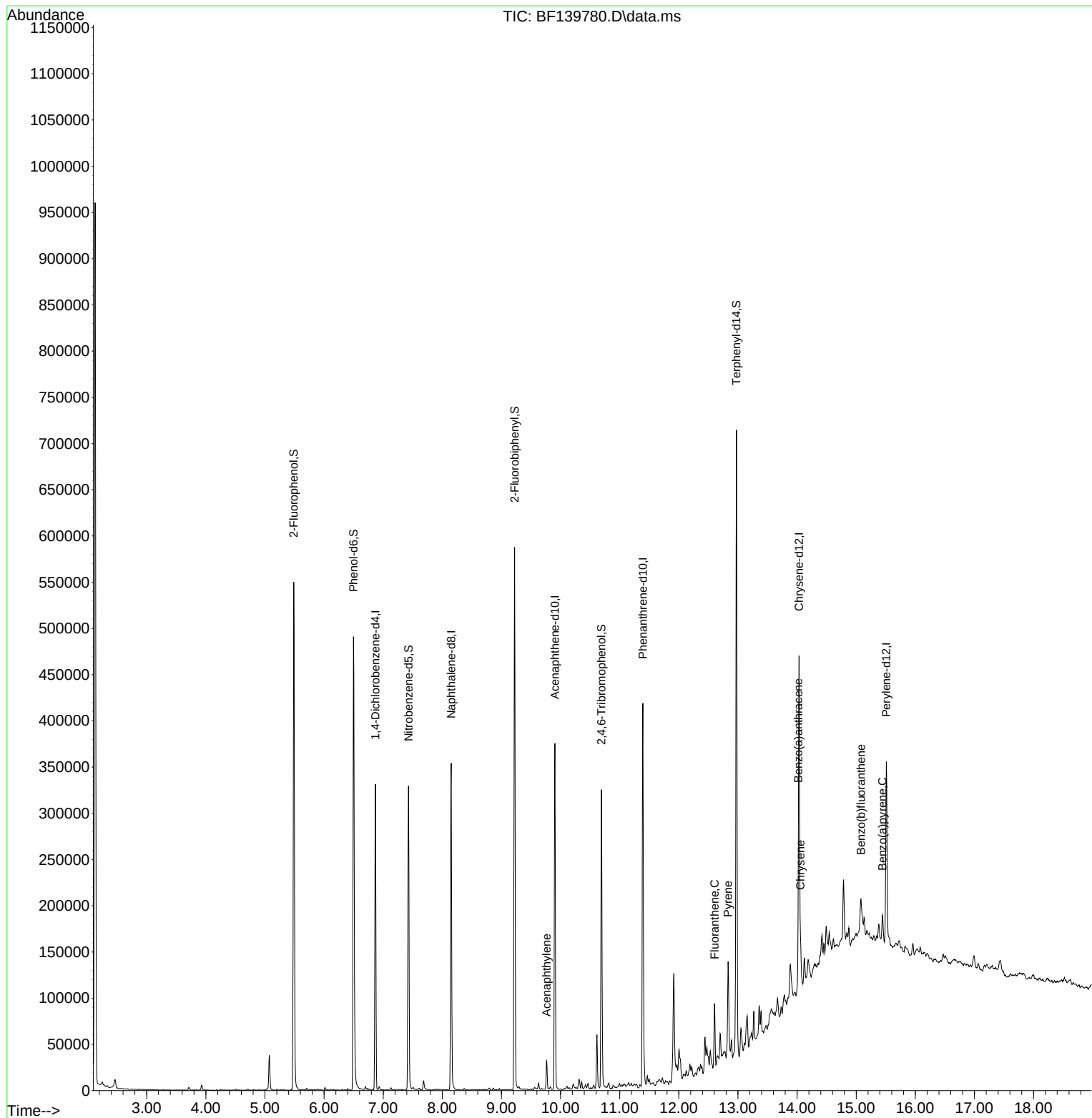
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139780.D
Acq On : 11 Oct 2024 17:42
Operator : RC/JU
Sample : P4353-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

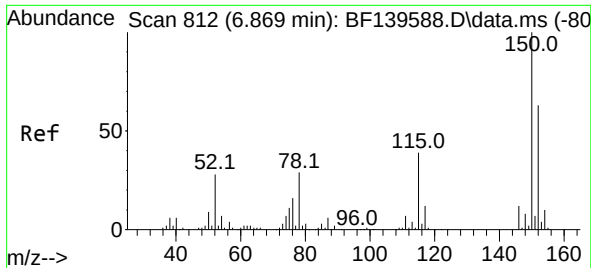
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43

Quant Time: Oct 11 18:16:28 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

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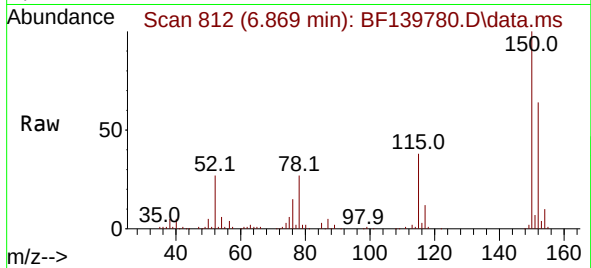
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

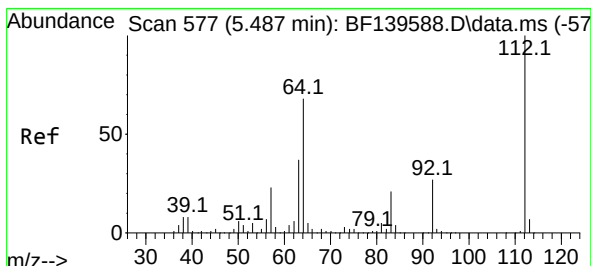
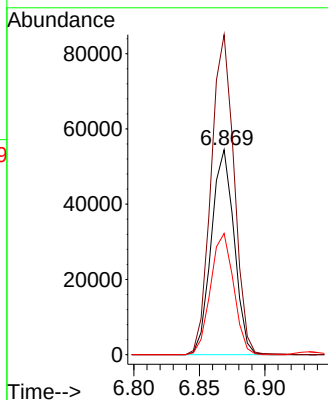
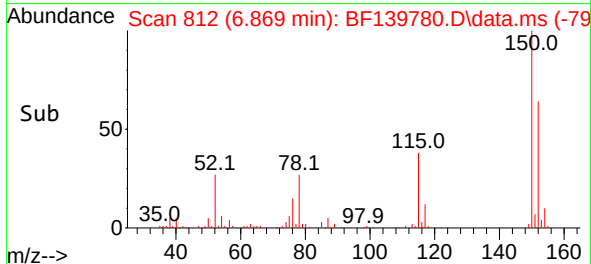
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



Tgt Ion:152 Resp: 65897
Ion Ratio Lower Upper
152 100
150 156.1 127.2 190.8
115 59.2 49.0 73.4

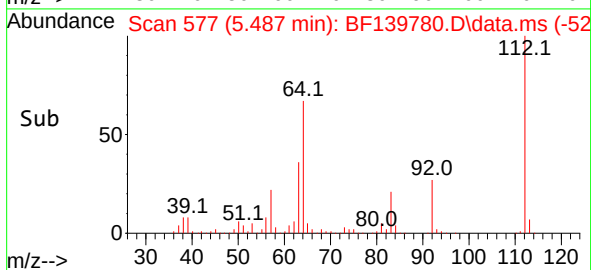
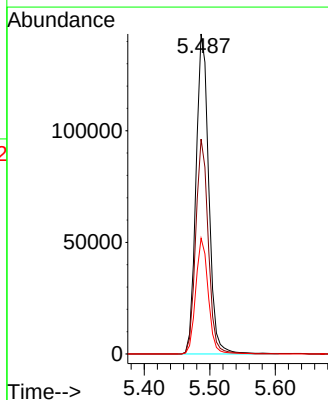
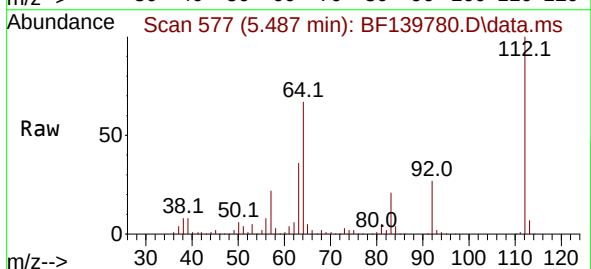
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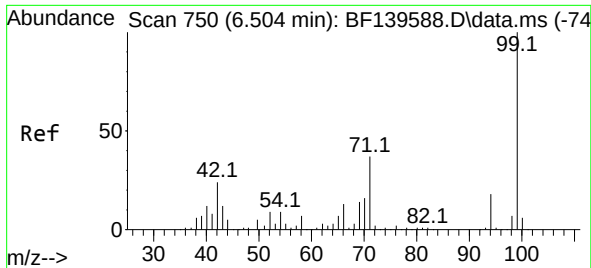
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#5
2-Fluorophenol
Concen: 51.150 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

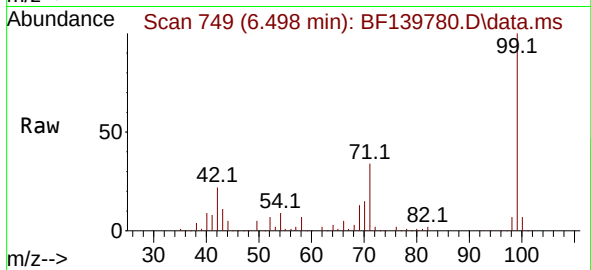
Tgt Ion:112 Resp: 194468
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 36.1 29.4 44.2





#7
Phenol-d6
Concen: 45.120 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

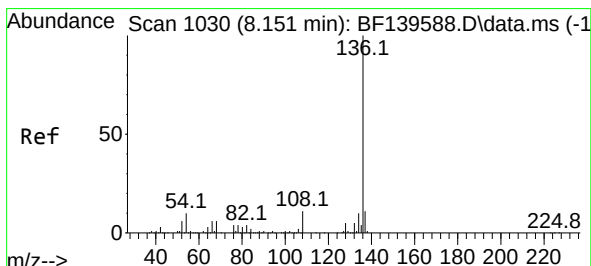
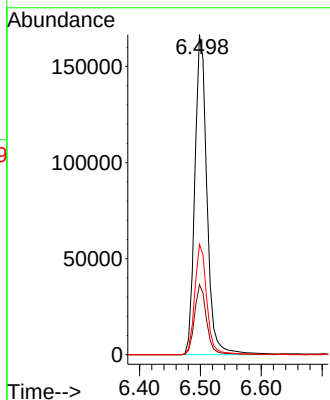
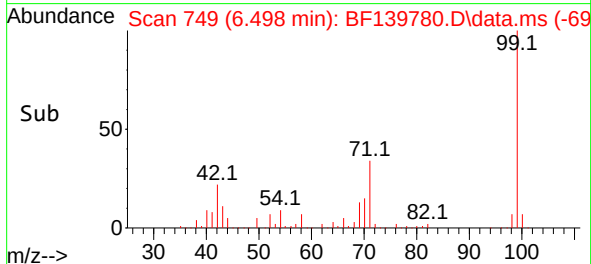
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



Tgt Ion: 99 Resp: 23068
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 34.5 29.7 44.5

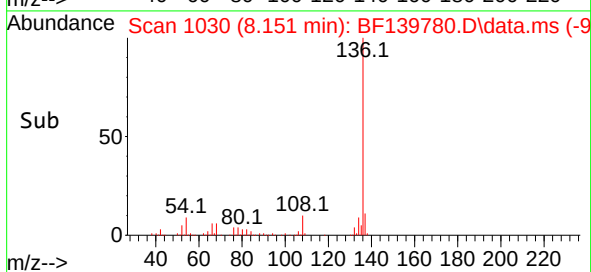
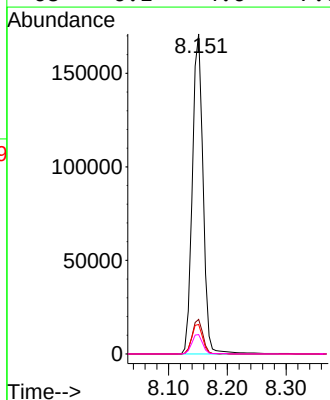
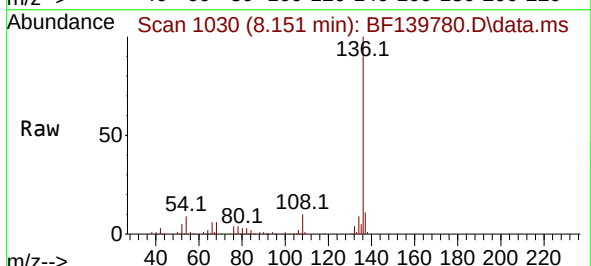
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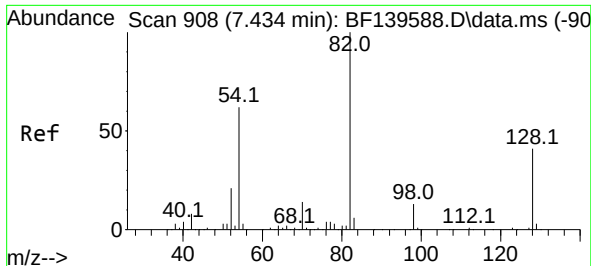
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

Tgt Ion:136 Resp: 216244
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 8.3 12.5
68 6.1 4.6 7.0





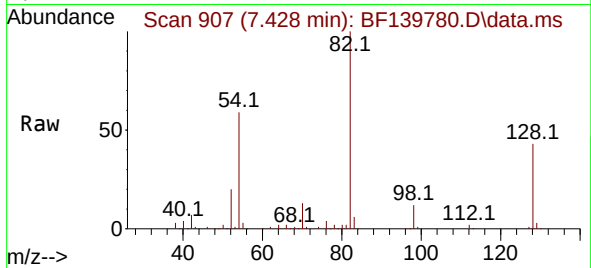
#23
Nitrobenzene-d5
Concen: 31.848 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

Instrument :

BNA_F

ClientSampleId :

CF-400-COMP-43

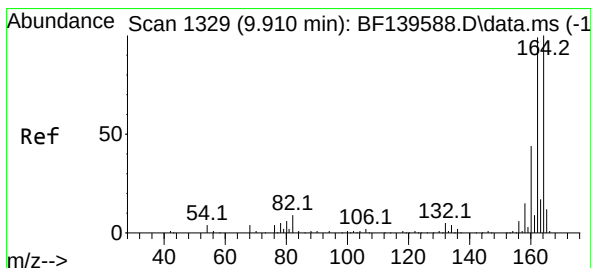
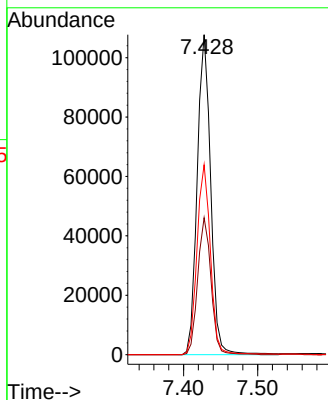
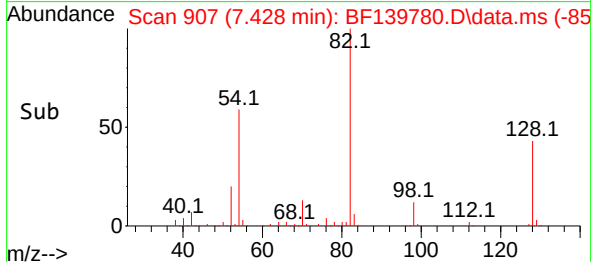


Tgt Ion: 82 Resp: 136024
Ion Ratio Lower Upper
82 100
128 42.8 32.4 48.6
54 59.4 49.1 73.7

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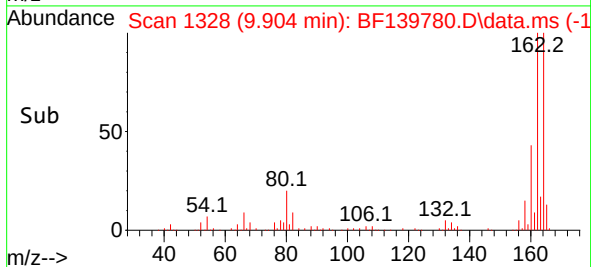
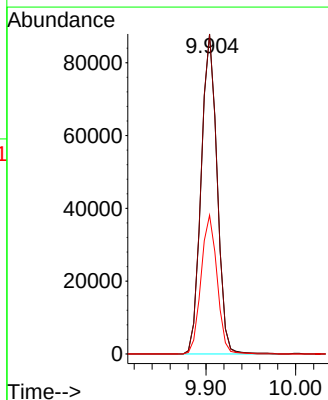
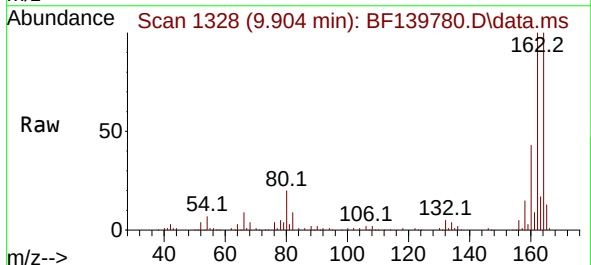
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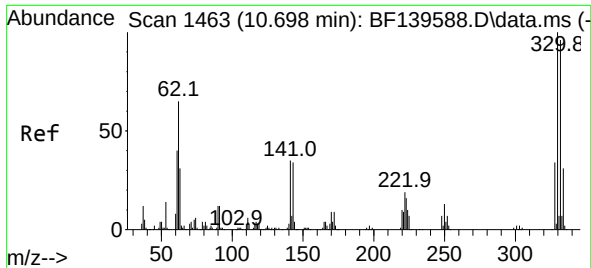
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

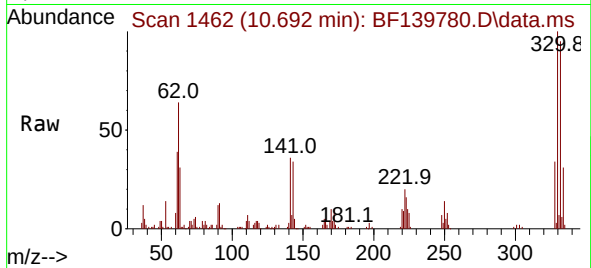
Tgt Ion:164 Resp: 107983
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 43.3 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 47.795 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

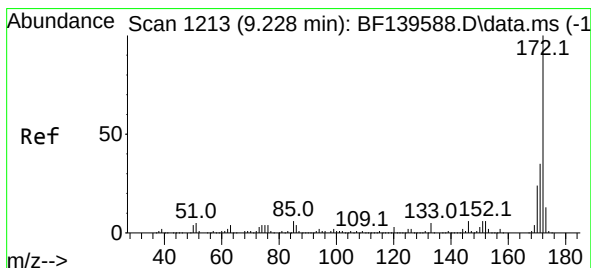
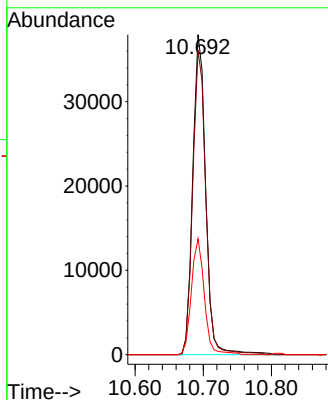
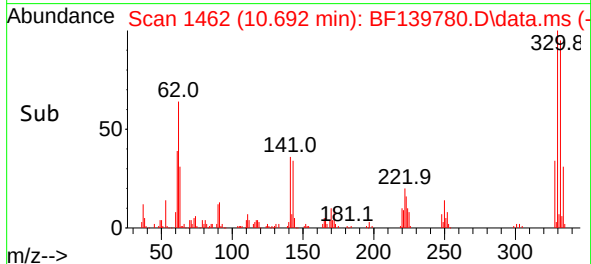
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



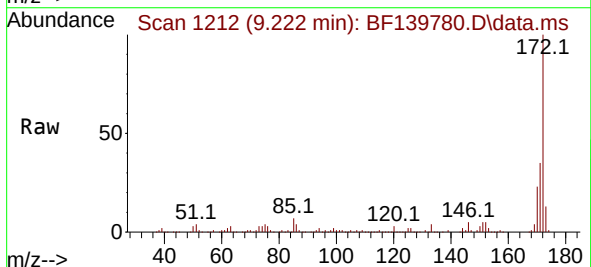
Tgt Ion: 330 Resp: 4982
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 36.1 29.3 43.9

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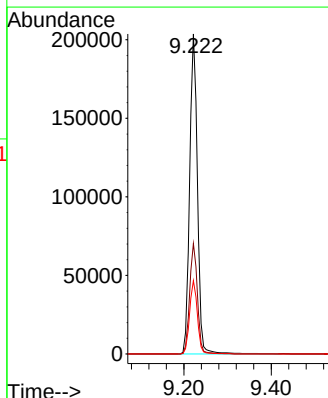
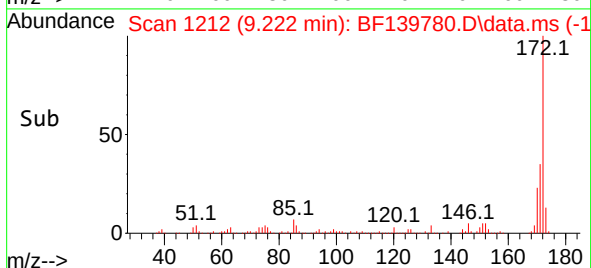
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Supervised By : mohammad ahmed 10/15/2024

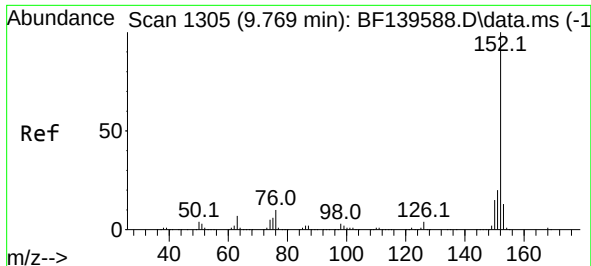


#45
2-Fluorobiphenyl
Concen: 35.768 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42



Tgt Ion: 172 Resp: 251591
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.4
170 22.9 18.8 28.2





#49
Acenaphthylene
Concen: 2.260 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

Instrument :

BNA_F

ClientSampleId :

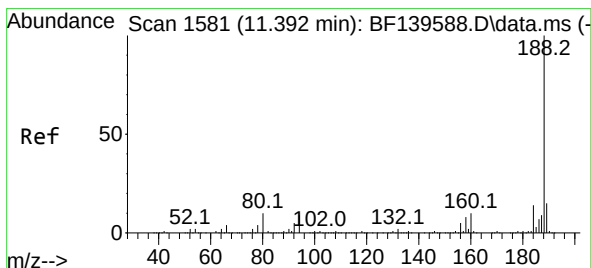
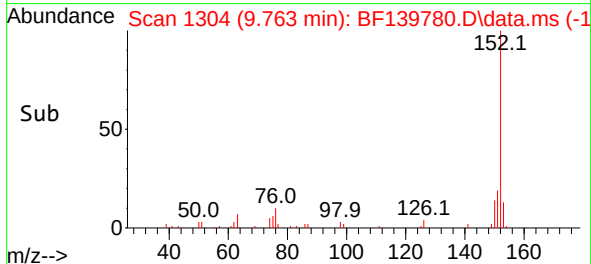
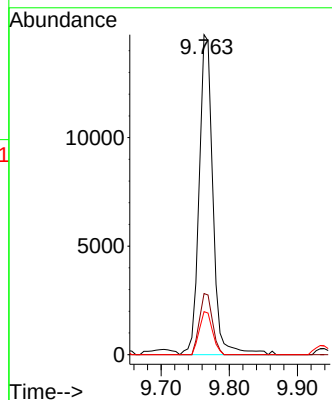
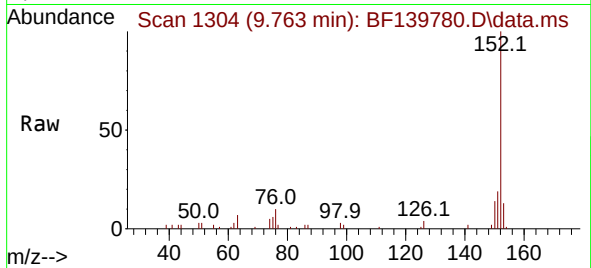
CF-400-COMP-43

Tgt Ion:152 Resp: 20690
Ion Ratio Lower Upper
152 100
151 19.1 16.0 24.0
153 13.5 10.5 15.7

Manual Integrations

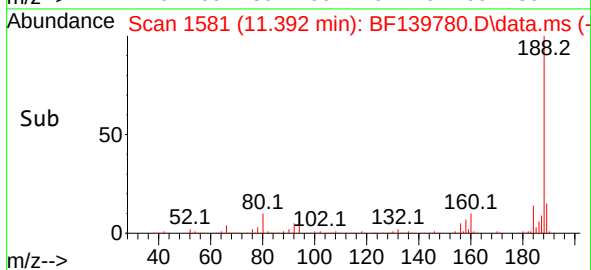
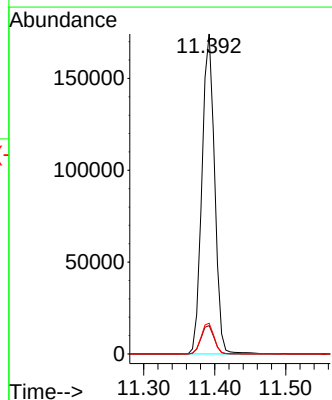
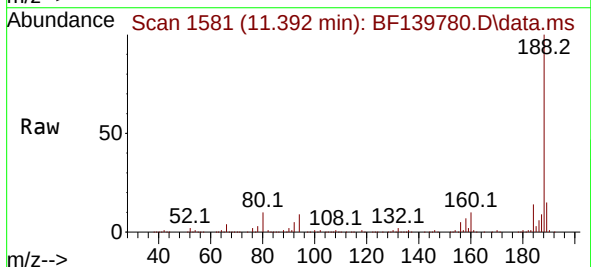
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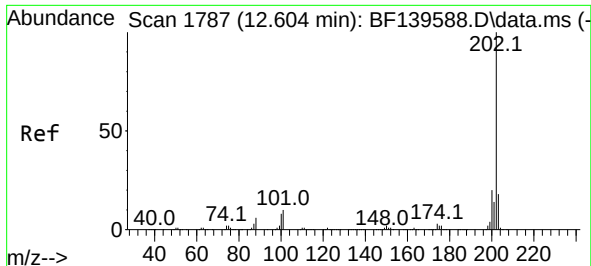
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

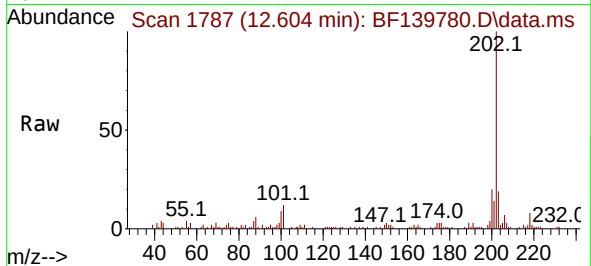
Tgt Ion:188 Resp: 216876
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.6 8.2 12.2





#75
Fluoranthene
Concen: 2.911 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

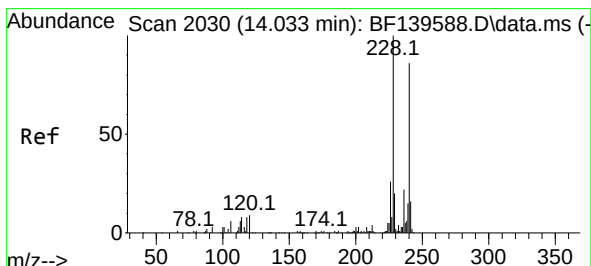
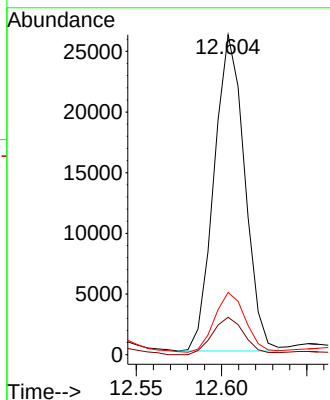
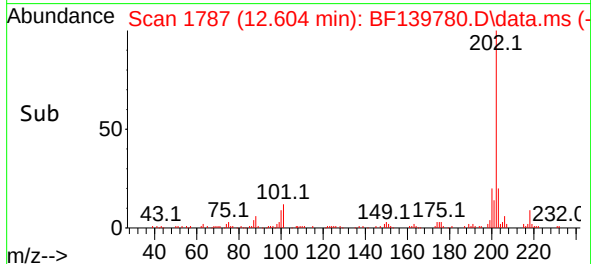
Instrument :
BNA_F
ClientSampleId :
CF-400-COMP-43



Tgt Ion:202 Resp: 32544
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.2
203 19.4 0.0 37.7

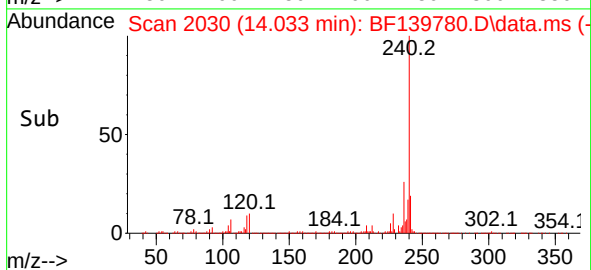
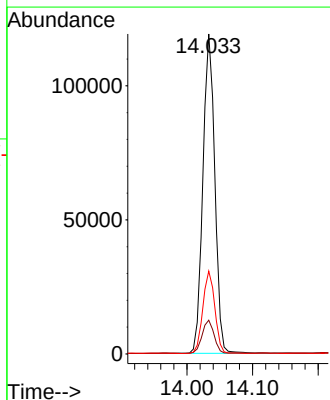
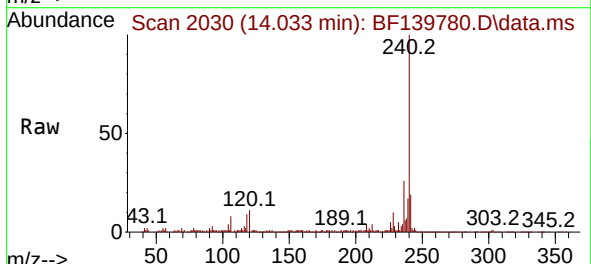
Manual Integrations
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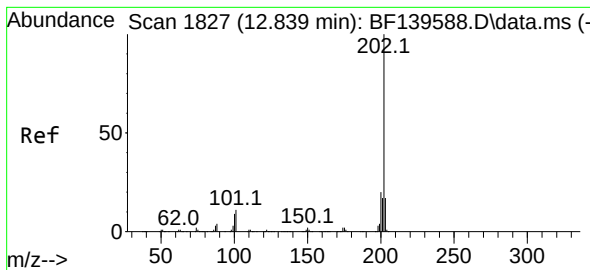
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

Tgt Ion:240 Resp: 151342
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.9 20.3 30.5





#78

Pyrene

Concen: 4.206 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF139780.D

Acq: 11 Oct 2024 17:42

Instrument :

BNA_F

ClientSampleId :

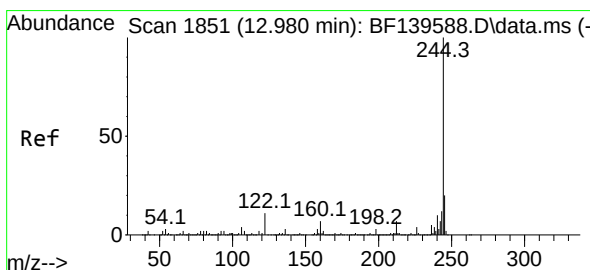
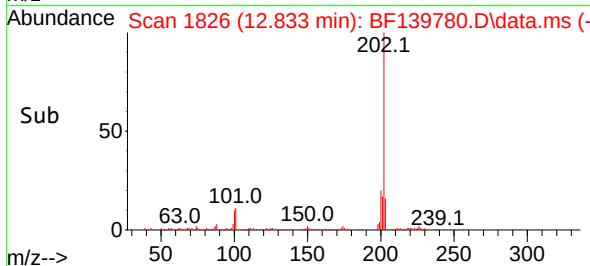
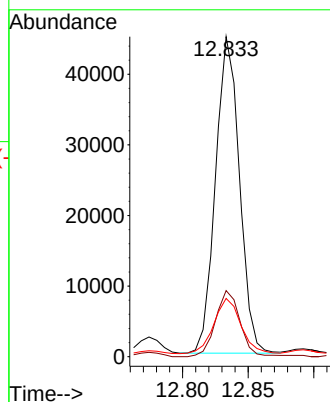
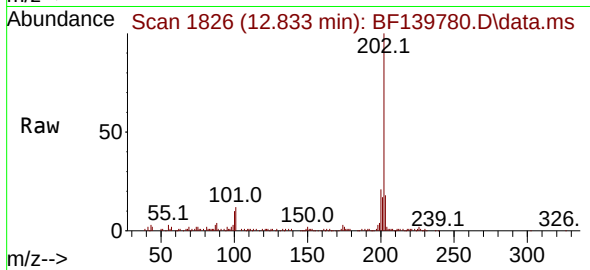
CF-400-COMP-43

Tgt Ion:	202	Resp:	5692
Ion Ratio	Lower	Upper	
202	100		
200	20.7	15.8	23.6
203	18.2	13.8	20.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 34.472 ng

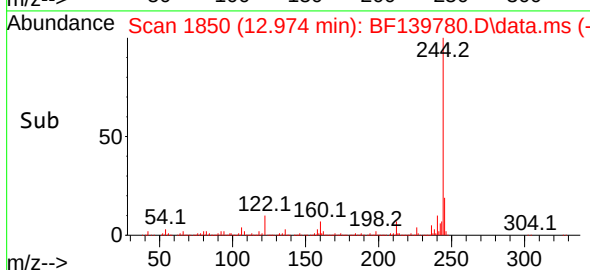
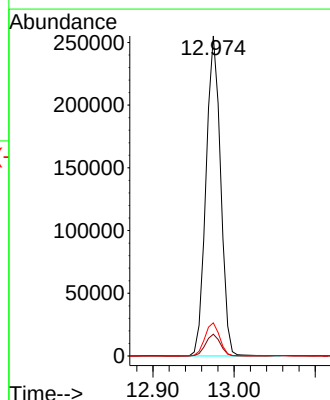
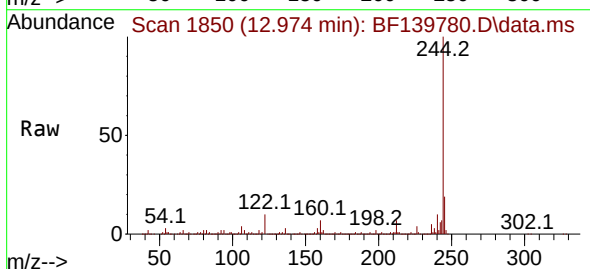
RT: 12.974 min Scan# 1850

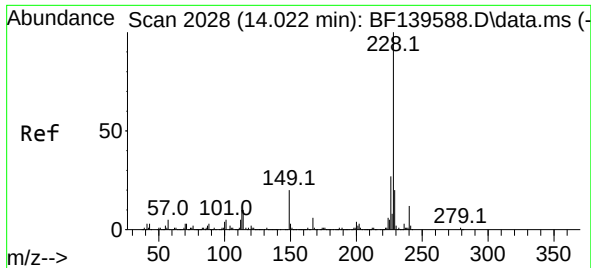
Delta R.T. -0.006 min

Lab File: BF139780.D

Acq: 11 Oct 2024 17:42

Tgt Ion:	244	Resp:	317956
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.6
122	10.3	8.6	12.8





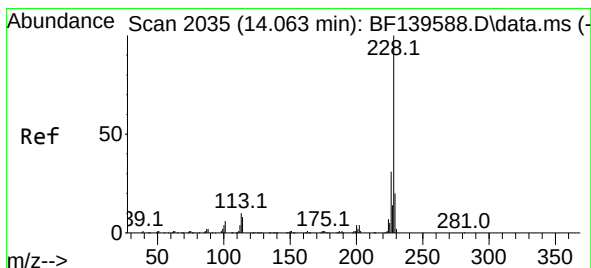
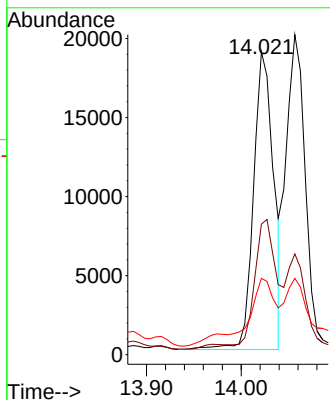
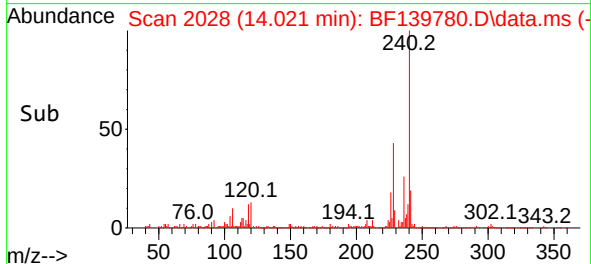
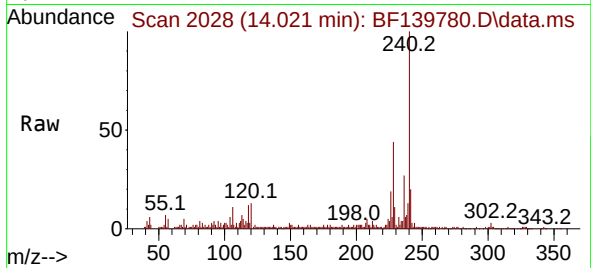
#81
Benzo(a)anthracene
Concen: 2.796 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

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

Tgt Ion:228 Resp: 27820
Ion Ratio Lower Upper
228 100
226 43.1 21.8 32.8
229 25.2 15.8 23.8

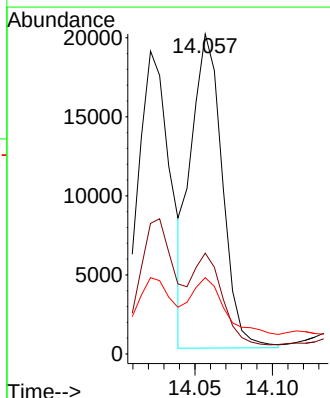
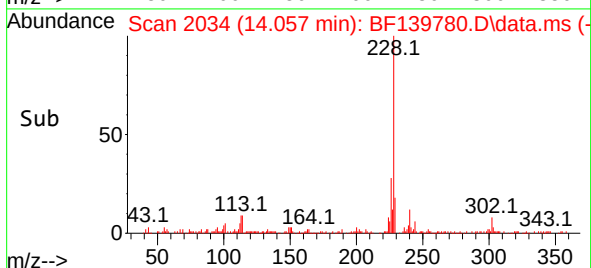
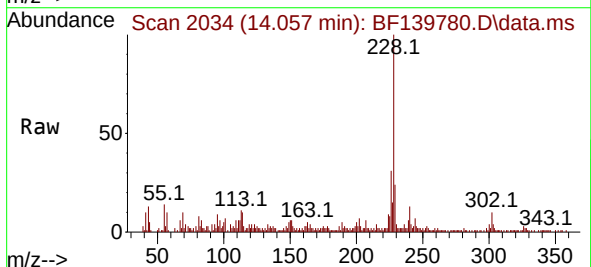
Manual Integrations
APPROVED

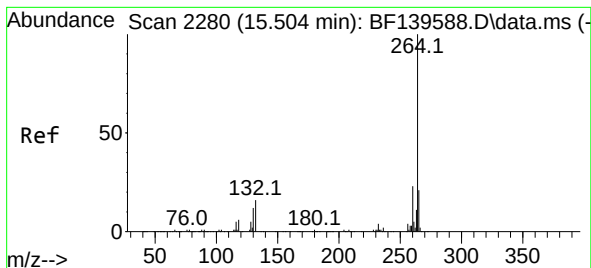
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#83
Chrysene
Concen: 3.067 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

Tgt Ion:228 Resp: 27900
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 23.9 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139780.D

Acq: 11 Oct 2024 17:42

Instrument :

BNA_F

ClientSampleId :

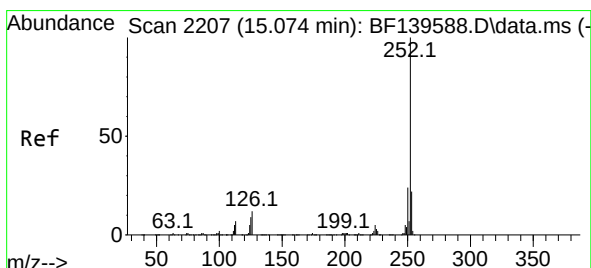
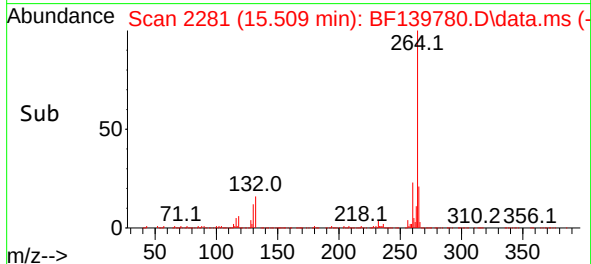
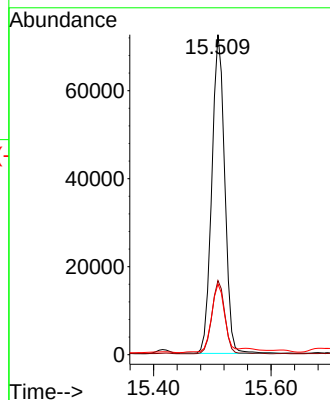
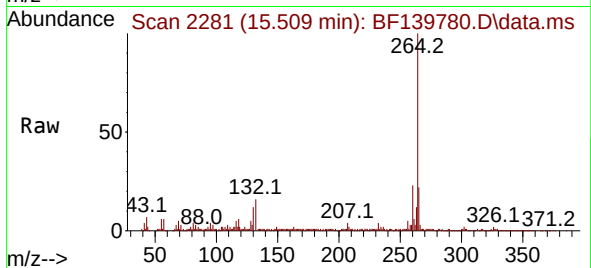
CF-400-COMP-43

Tgt Ion:264 Resp: 110440
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.0 16.9 25.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#88

Benzo(b)fluoranthene

Concen: 2.733 ng m

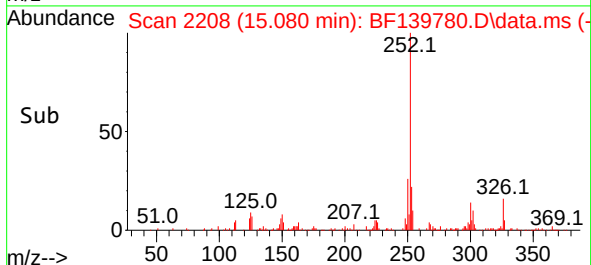
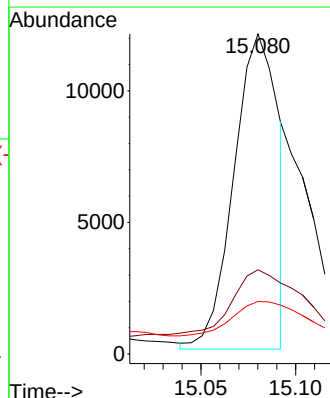
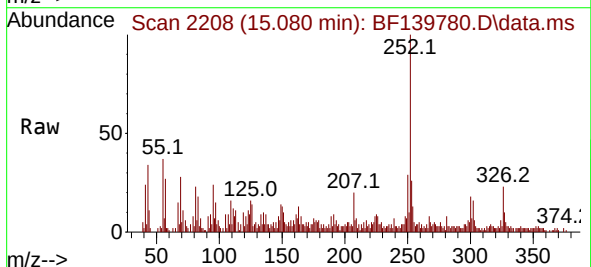
RT: 15.080 min Scan# 2208

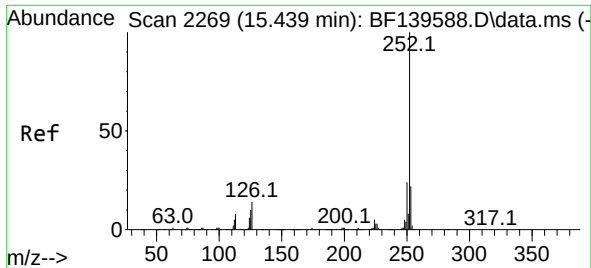
Delta R.T. 0.006 min

Lab File: BF139780.D

Acq: 11 Oct 2024 17:42

Tgt Ion:252 Resp: 19514
 Ion Ratio Lower Upper
 252 100
 253 26.3 17.4 26.0#
 125 16.4 7.4 11.0#





#90
Benzo(a)pyrene
Concen: 2.849 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139780.D
Acq: 11 Oct 2024 17:42

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

Tgt Ion:252 Resp: 16045
Ion Ratio Lower Upper
252 100
253 27.0 17.3 25.9
125 16.0 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

