

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139330.D
 Acq On : 11 Sep 2024 17:17
 Operator : RC/JU
 Sample : P3906-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-01

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 18:07:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	115338	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	428158	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	212618	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	301302	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	193752	20.000	ng	-0.01
86) Perylene-d12	15.515	264	151350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	605824	87.869	ng	0.00
7) Phenol-d6	6.510	99	820760	89.172	ng	0.00
23) Nitrobenzene-d5	7.445	82	531356	64.562	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	156744	85.373	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	966635	70.179	ng	-0.01
79) Terphenyl-d14	12.992	244	685337	57.111	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.427	178	82436	5.857	ng	100
75) Fluoranthene	12.615	202	222252	15.750	ng	99
78) Pyrene	12.845	202	205190	10.963	ng	99
81) Benzo(a)anthracene	14.033	228	122256	9.882	ng	94
83) Chrysene	14.068	228	109387	9.473	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	12643	2.445	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.986	276	51962m	5.496	ng	
88) Benzo(b)fluoranthene	15.086	252	141801m	16.269	ng	
89) Benzo(k)fluoranthene	15.104	252	38074m	4.872	ng	
90) Benzo(a)pyrene	15.451	252	79436	10.733	ng	99
92) Benzo(g,h,i)perylene	17.433	276	53705	6.677	ng	96

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

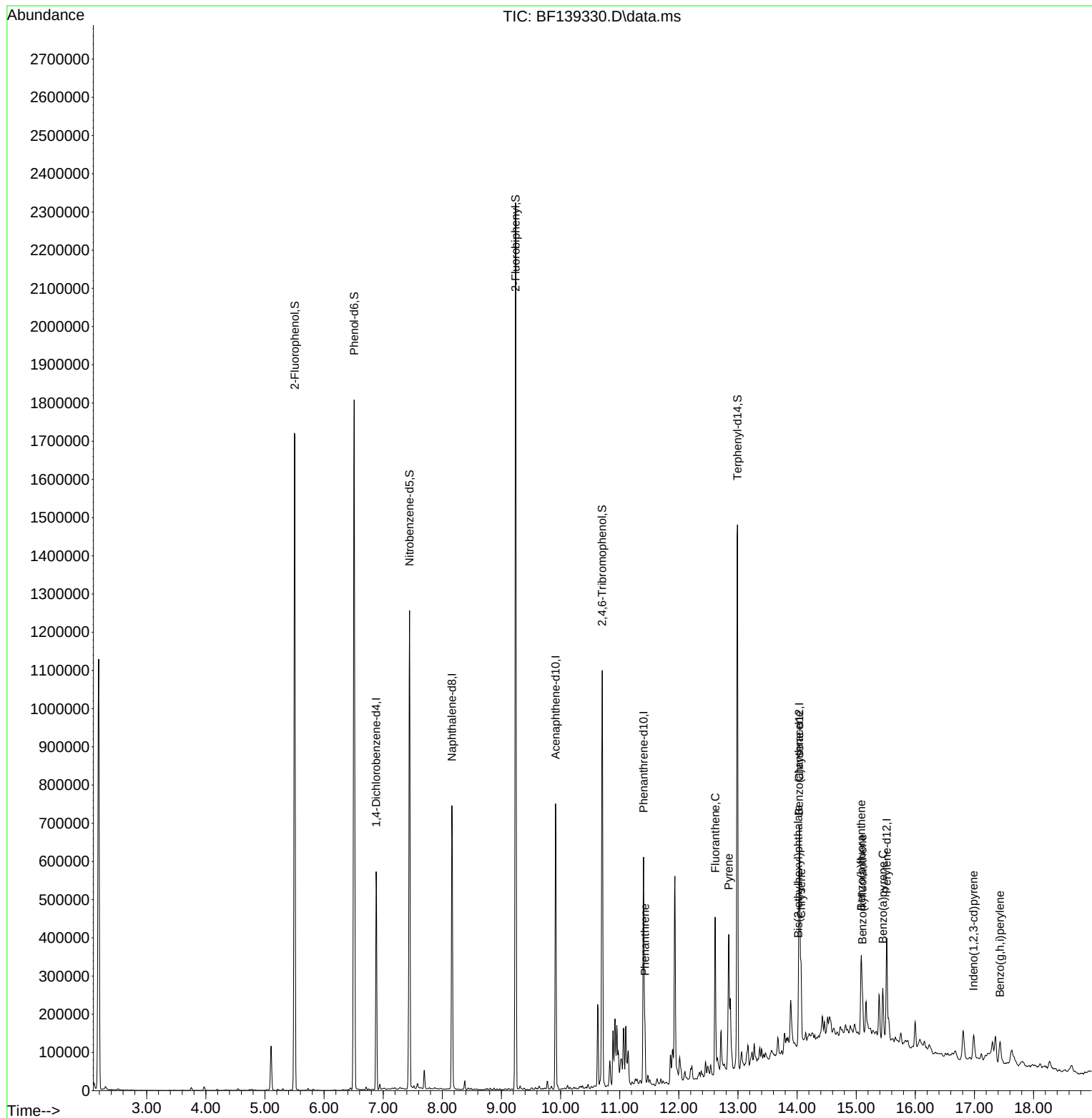
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139330.D
Acq On : 11 Sep 2024 17:17
Operator : RC/JU
Sample : P3906-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

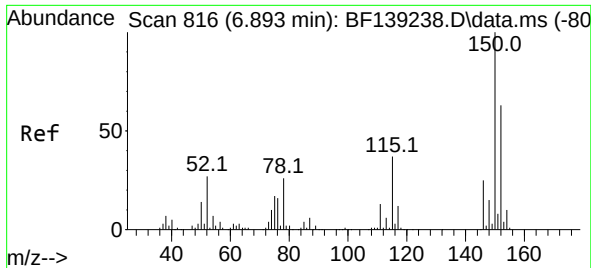
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01

Quant Time: Sep 11 18:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

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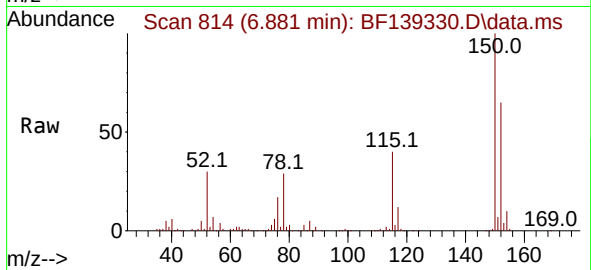
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

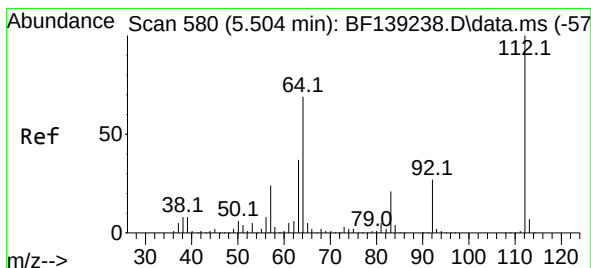
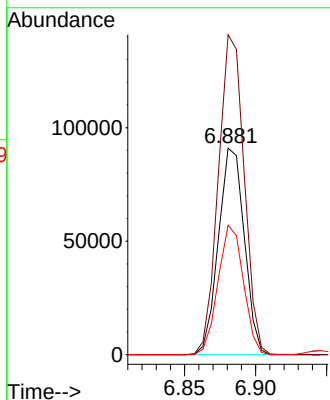
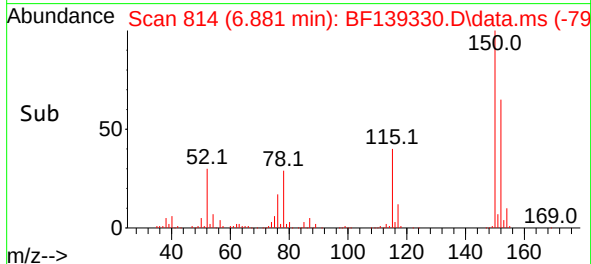
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:152 Resp: 115338
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.4
115 62.6 46.9 70.3

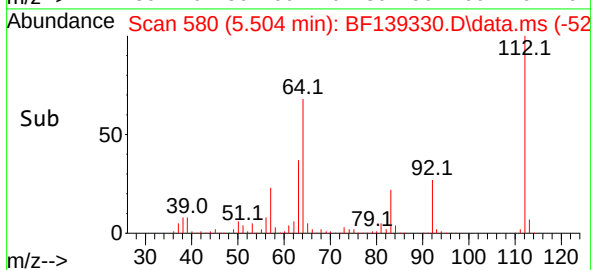
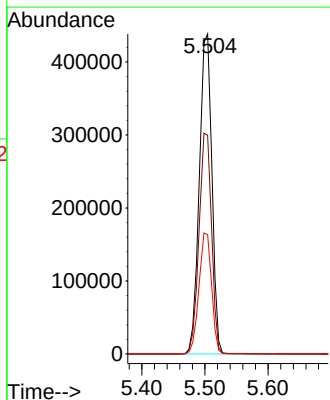
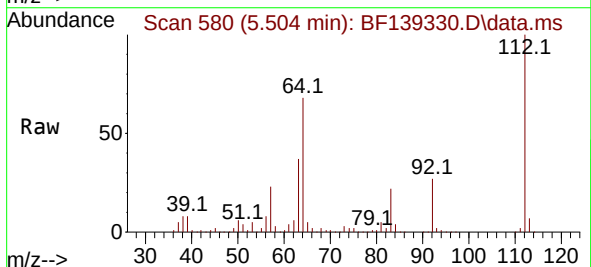
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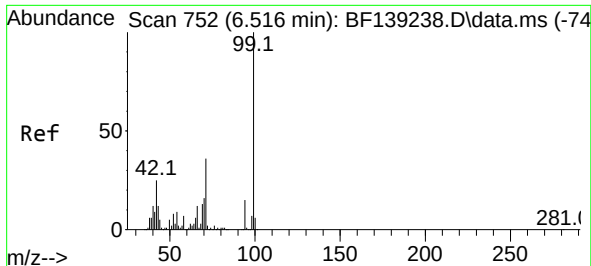
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#5
2-Fluorophenol
Concen: 87.869 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

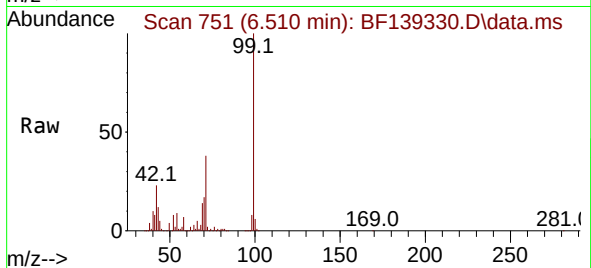
Tgt Ion:112 Resp: 605824
Ion Ratio Lower Upper
112 100
64 68.3 55.0 82.4
63 37.3 29.9 44.9





#7
Phenol-d6
Concen: 89.172 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

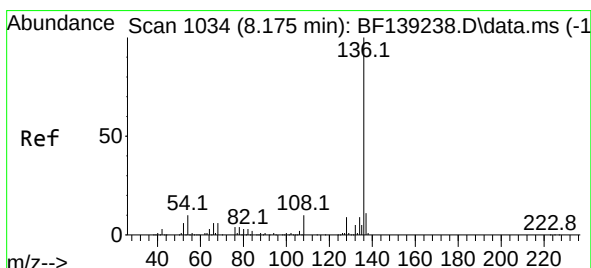
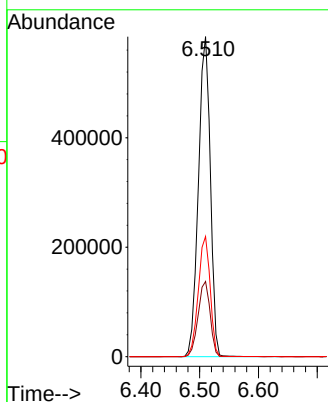
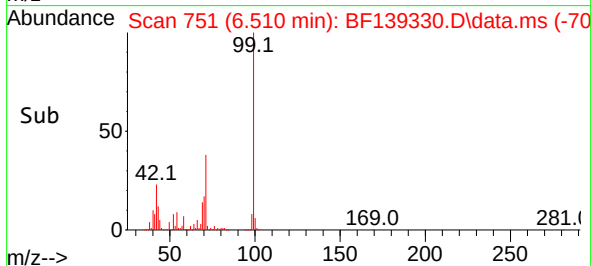
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion: 99 Resp: 820760
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 37.6 28.8 43.2

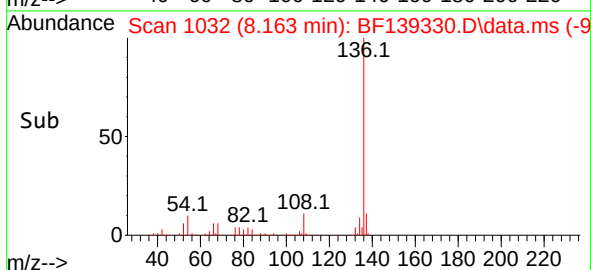
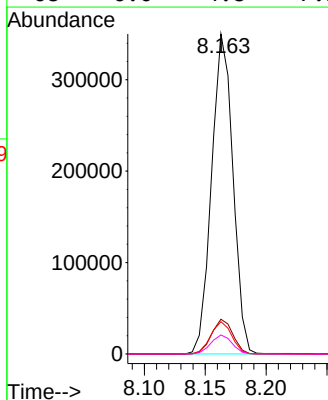
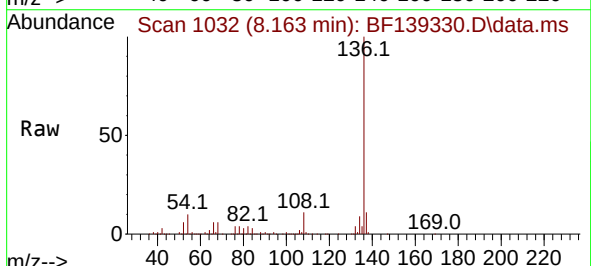
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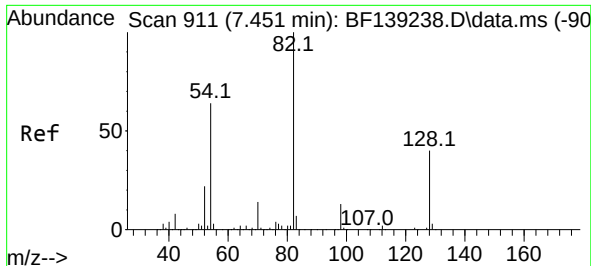
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

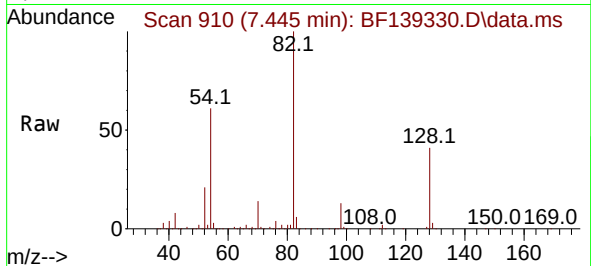
Tgt Ion:136 Resp: 428158
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.4 12.6
68 6.0 4.8 7.2





#23
Nitrobenzene-d5
Concen: 64.562 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

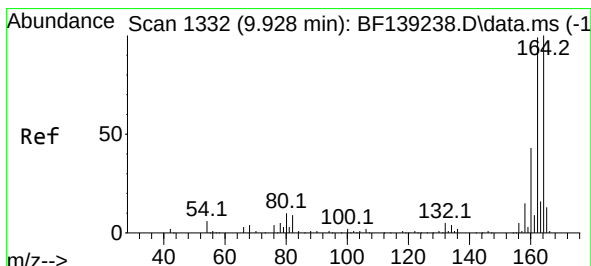
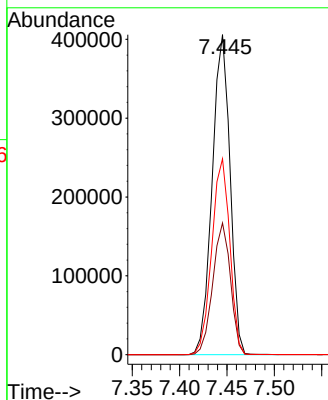
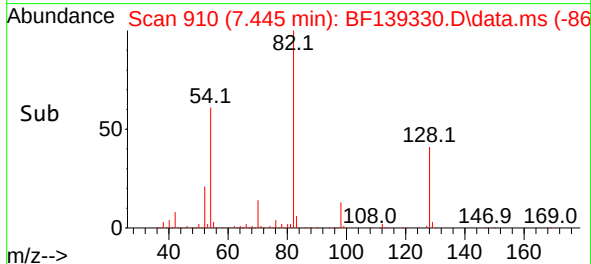
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion: 82 Resp: 531350
Ion Ratio Lower Upper
82 100
128 41.2 32.3 48.5
54 61.2 51.2 76.8

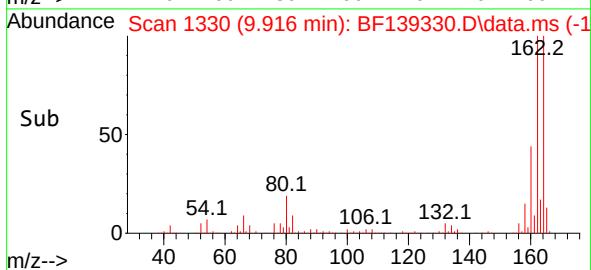
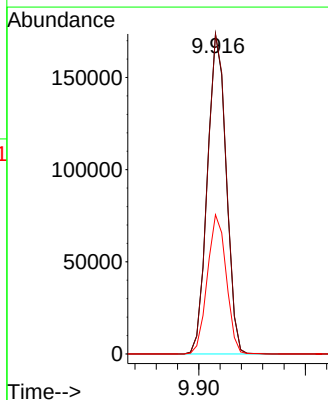
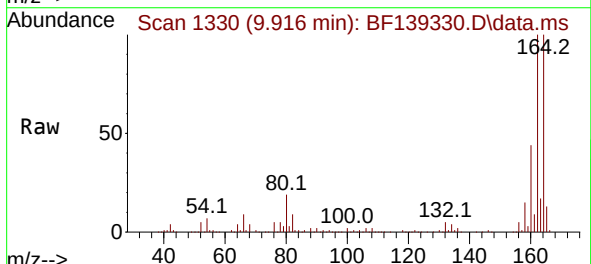
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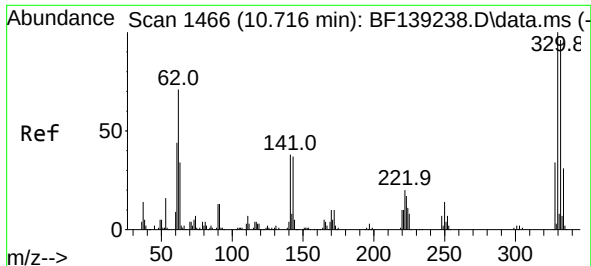
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

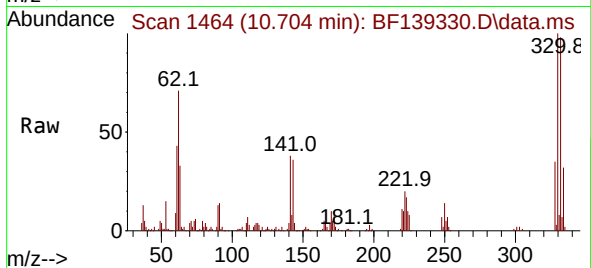
Tgt Ion:164 Resp: 212618
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 43.5 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 85.373 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

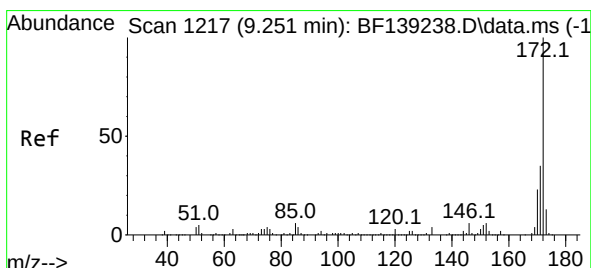
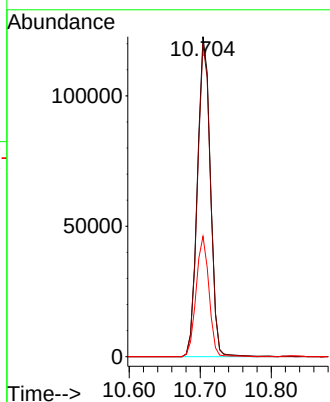
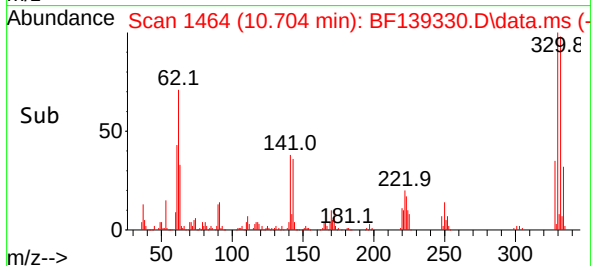
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



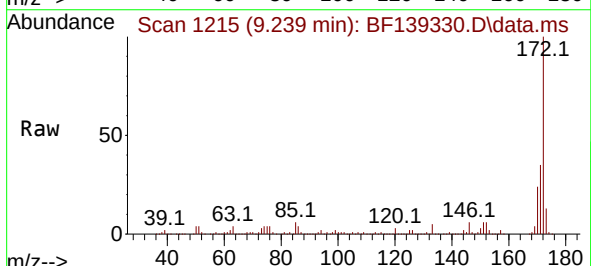
Tgt Ion: 330 Resp: 156744
Ion Ratio Lower Upper
330 100
332 97.5 76.6 115.0
141 37.1 30.1 45.1

Manual Integrations
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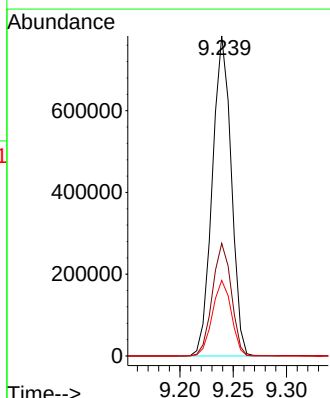
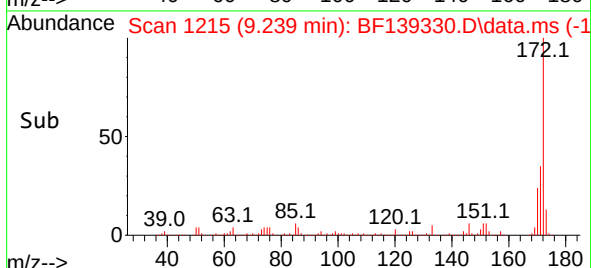
Reviewed By : Jagrut Upadhyay 09/12/2024
Supervised By : mohammad ahmed 09/13/2024

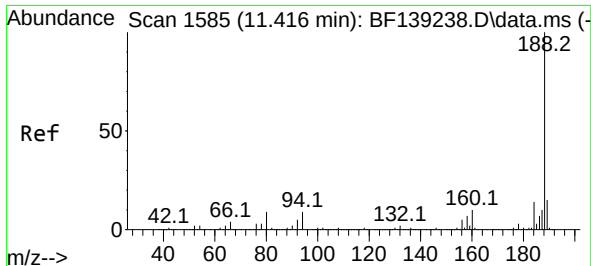


#45
2-Fluorobiphenyl
Concen: 70.179 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17



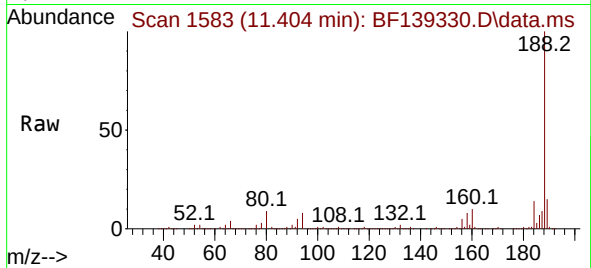
Tgt Ion: 172 Resp: 966635
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.6 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

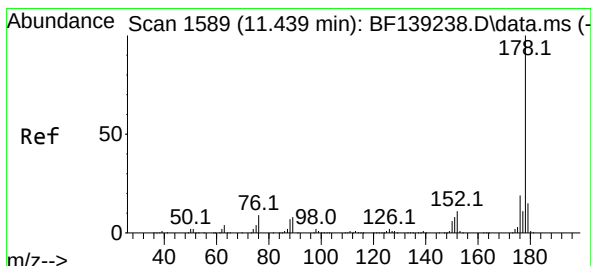
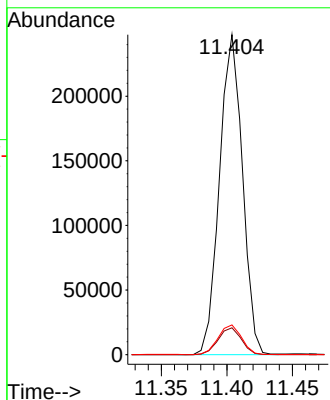
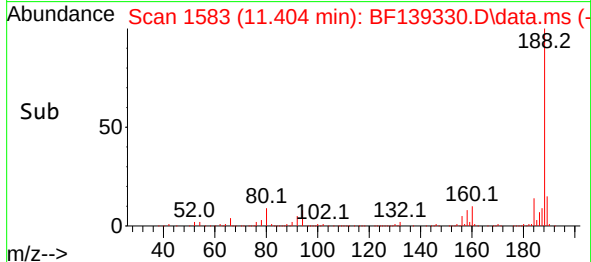
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:188 Resp: 301302
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.3 7.3 10.9

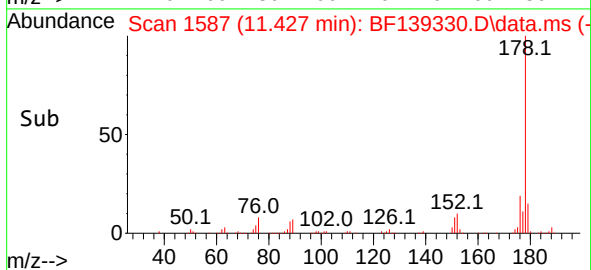
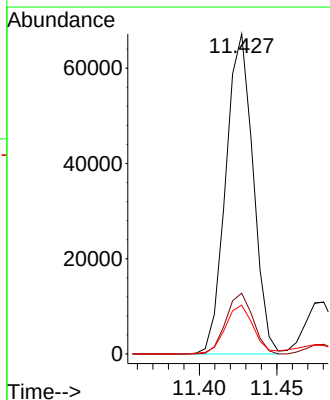
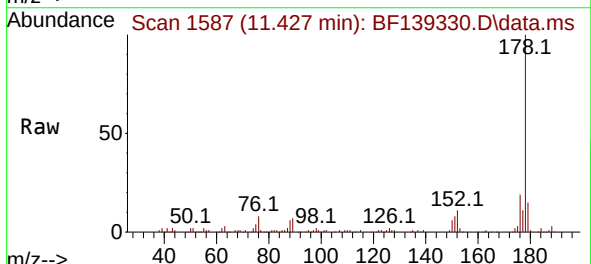
Manual Integrations
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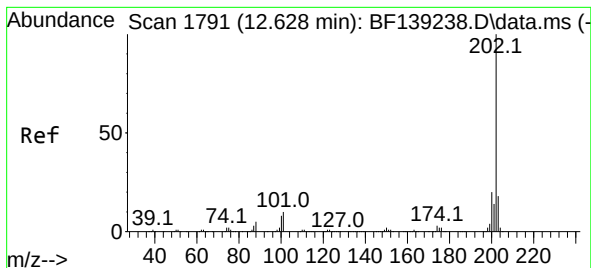
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#71
Phenanthrene
Concen: 5.857 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

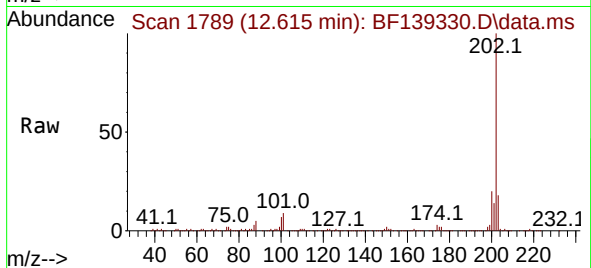
Tgt Ion:178 Resp: 82436
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.3 18.5





#75
Fluoranthene
Concen: 15.750 ng
RT: 12.615 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

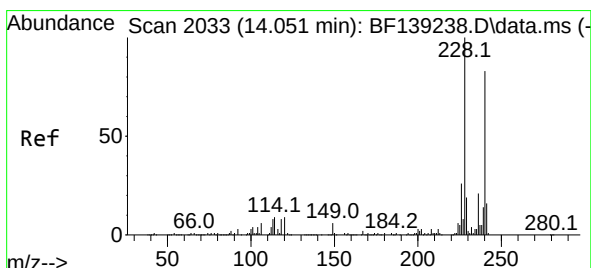
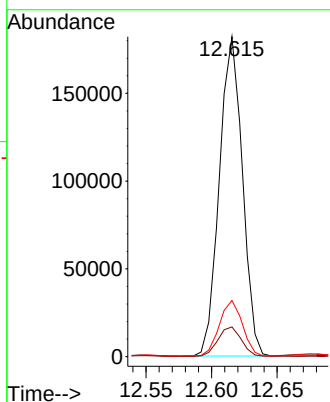
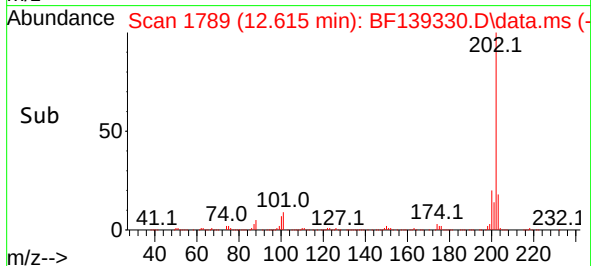
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:202 Resp: 22225
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.9
203 17.5 0.0 37.7

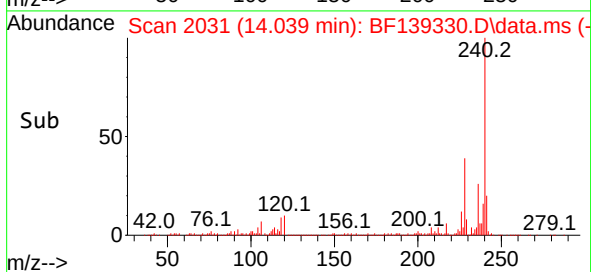
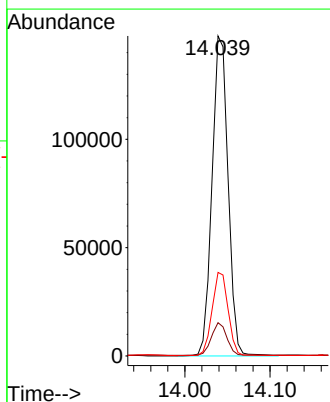
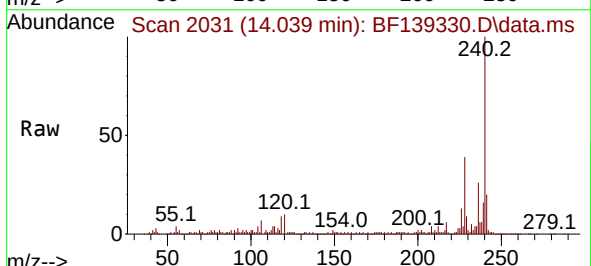
Manual Integrations
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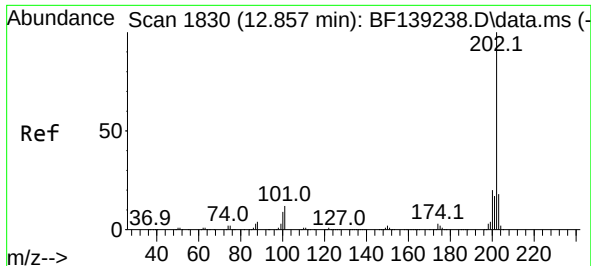
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

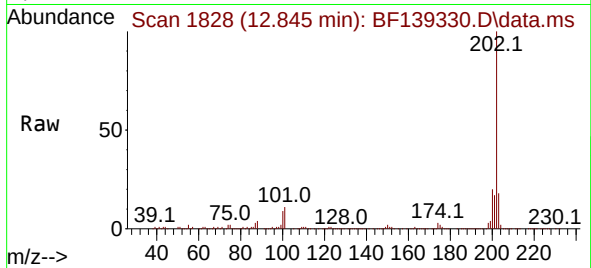
Tgt Ion:240 Resp: 193752
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.1 20.7 31.1





#78
Pyrene
Concen: 10.963 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

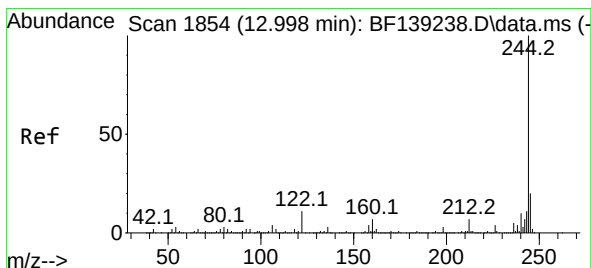
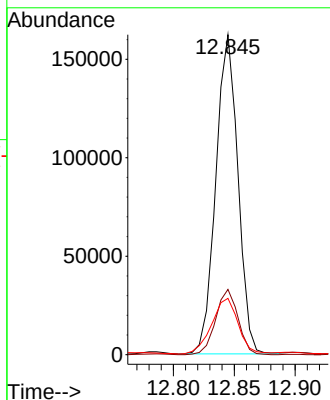
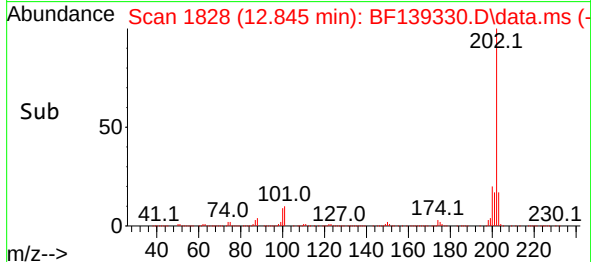
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:202 Resp: 205190
Ion Ratio Lower Upper
202 100
200 20.4 15.8 23.8
203 17.6 14.1 21.1

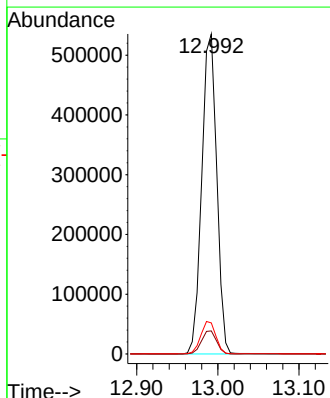
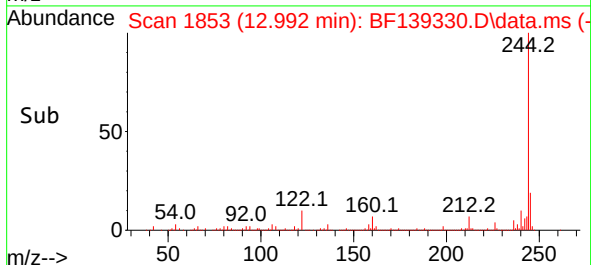
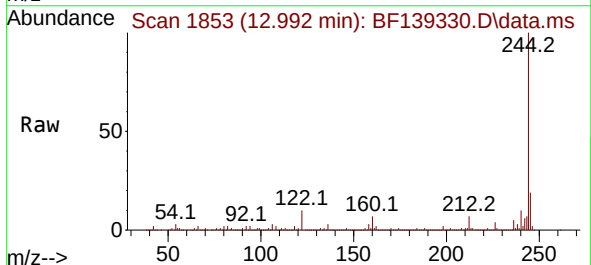
Manual Integrations
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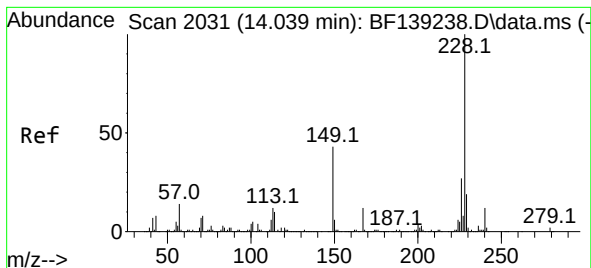
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#79
Terphenyl-d14
Concen: 57.111 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

Tgt Ion:244 Resp: 685337
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.7 8.7 13.1





#81

Benzo(a)anthracene

Concen: 9.882 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF139330.D

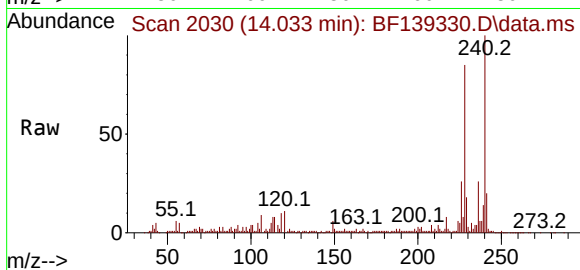
Acq: 11 Sep 2024 17:17

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01



Tgt Ion:228 Resp: 122250

Ion Ratio Lower Upper

228 100

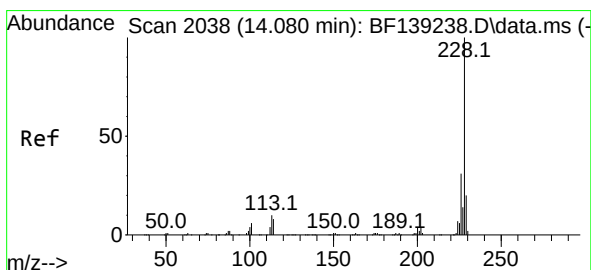
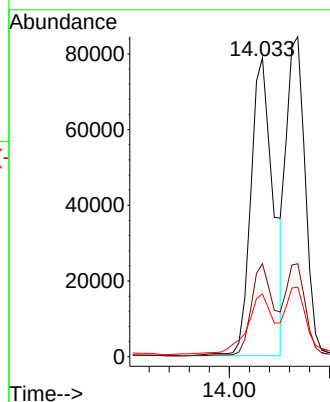
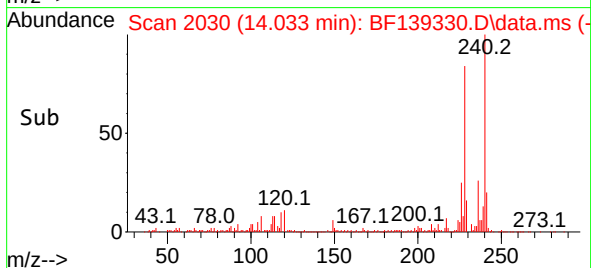
226 31.1 21.5 32.3

229 21.0 15.6 23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#83

Chrysene

Concen: 9.473 ng

RT: 14.068 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF139330.D

Acq: 11 Sep 2024 17:17

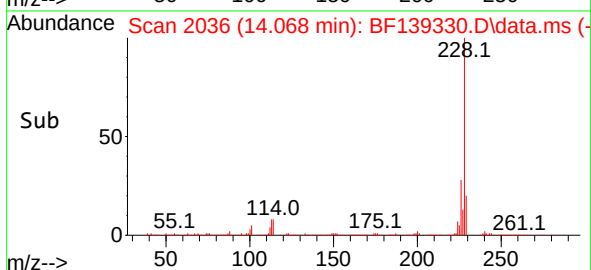
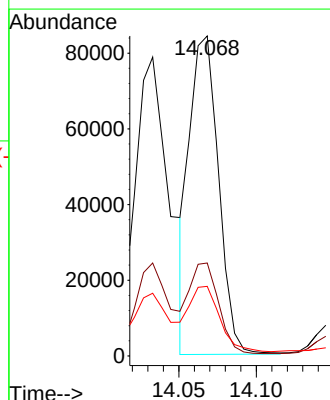
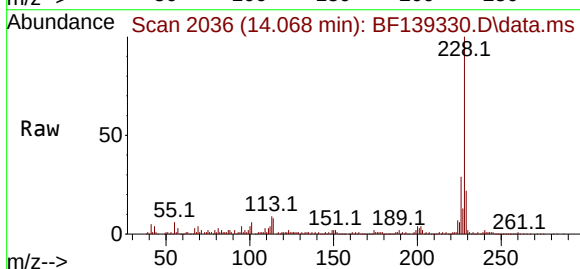
Tgt Ion:228 Resp: 109387

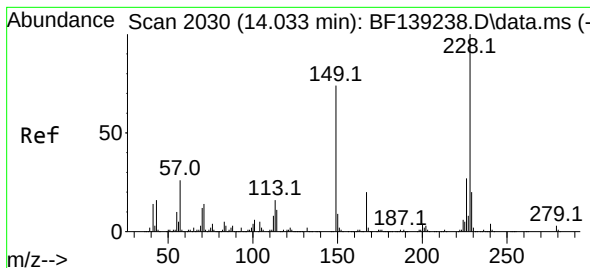
Ion Ratio Lower Upper

228 100

226 29.1 23.8 35.8

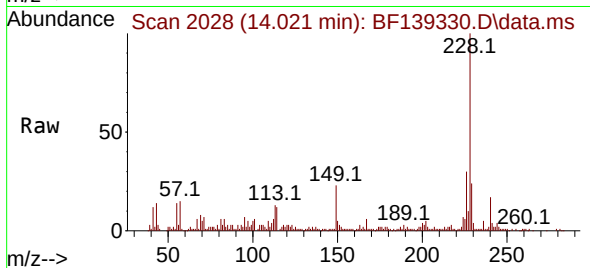
229 21.8 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.445 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

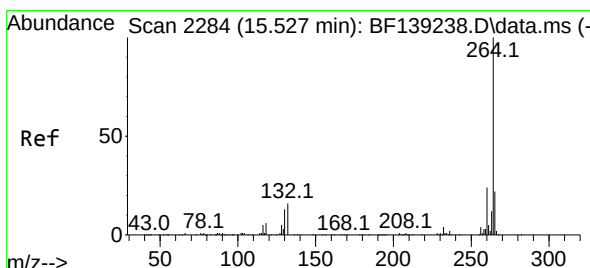
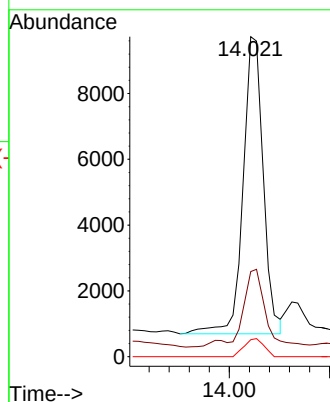
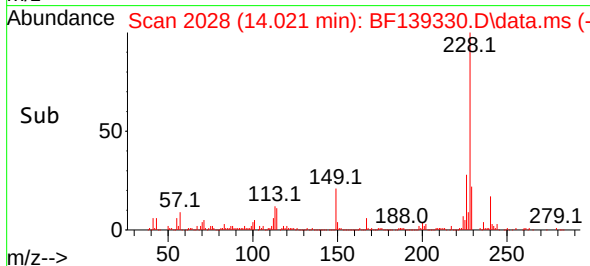
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-01



Tgt Ion:149 Resp: 1264
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 5.3 3.0 4.6

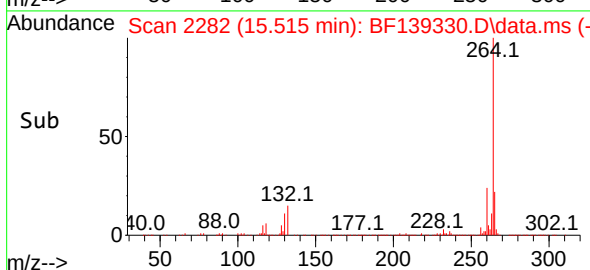
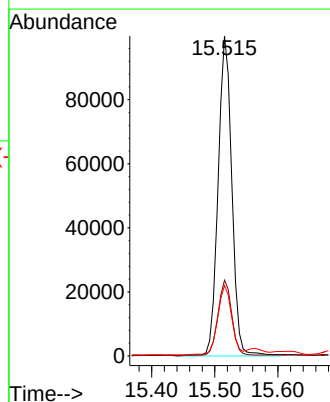
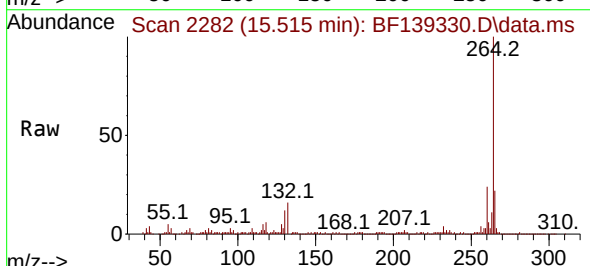
Manual Integrations
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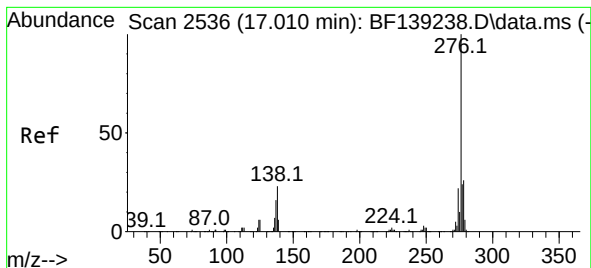
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF139330.D
Acq: 11 Sep 2024 17:17

Tgt Ion:264 Resp: 151350
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.496 ng m

RT: 16.986 min Scan# 2109

Delta R.T. -0.024 min

Lab File: BF139330.D

Acq: 11 Sep 2024 17:17

Instrument :

BNA_F

ClientSampleId :

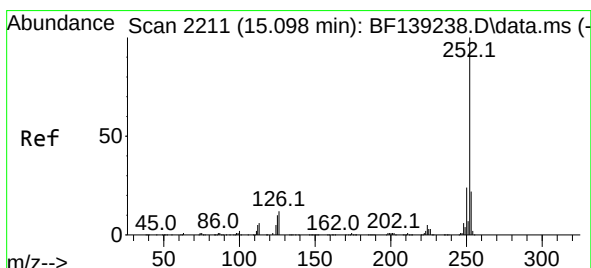
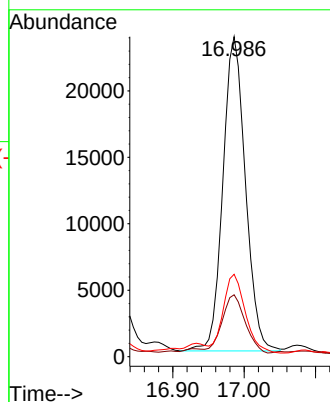
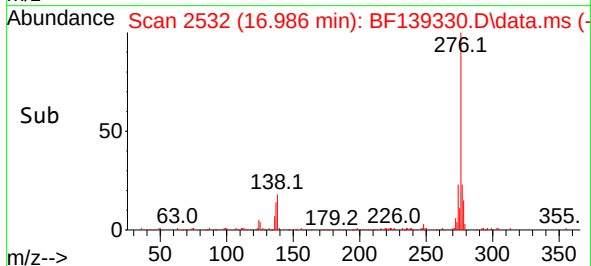
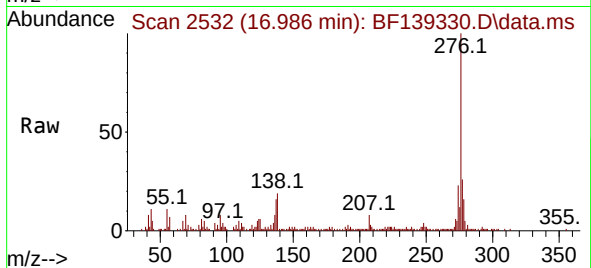
SU-701-COMP-01

Tgt Ion:	276	Resp:	5196
Ion Ratio	Lower	Upper	
276	100		
138	5.1	20.4	30.6
277	4.5	20.3	30.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#88

Benzo(b)fluoranthene

Concen: 16.269 ng m

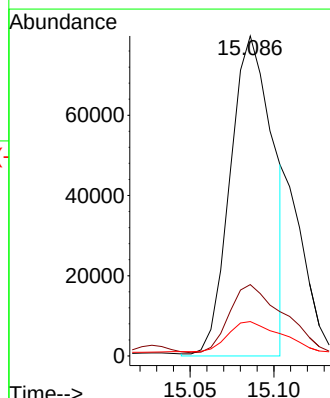
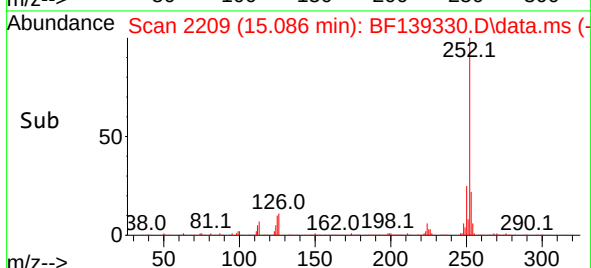
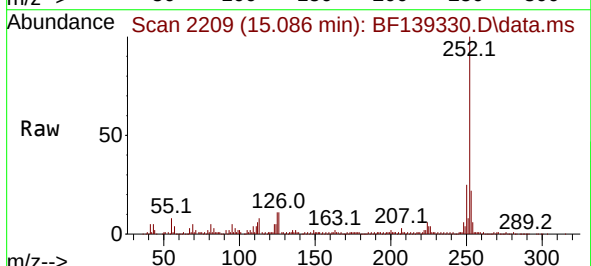
RT: 15.086 min Scan# 2209

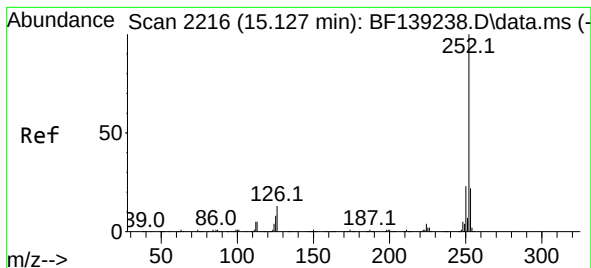
Delta R.T. -0.012 min

Lab File: BF139330.D

Acq: 11 Sep 2024 17:17

Tgt Ion:	252	Resp:	141801
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	10.7	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 4.872 ng m

RT: 15.104 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF139330.D

Acq: 11 Sep 2024 17:17

Instrument :

BNA_F

ClientSampleId :

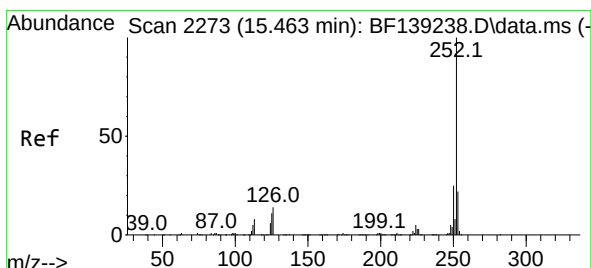
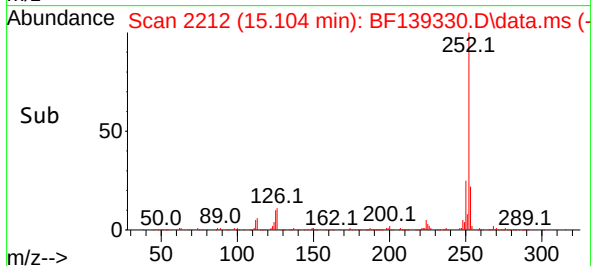
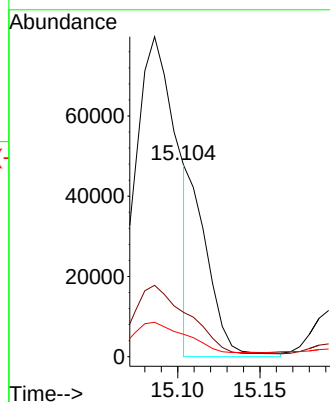
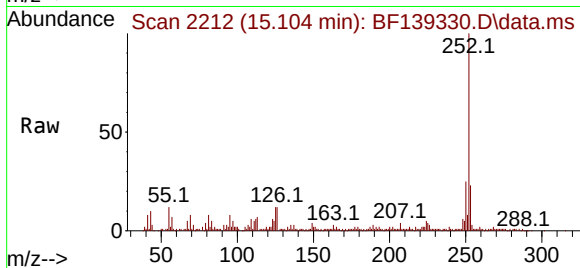
SU-701-COMP-01

Tgt Ion:252 Resp: 38074
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.6 26.4
 125 11.7 7.2 10.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#90

Benzo(a)pyrene

Concen: 10.733 ng

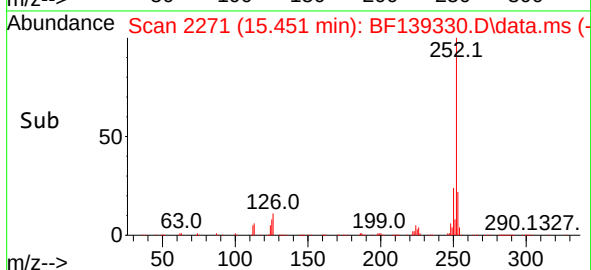
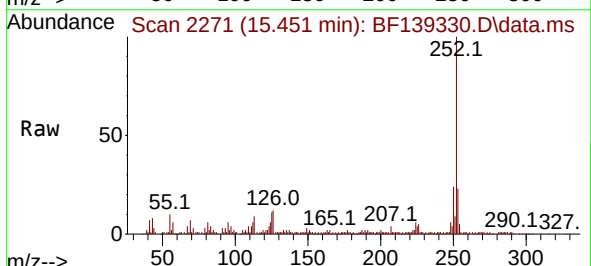
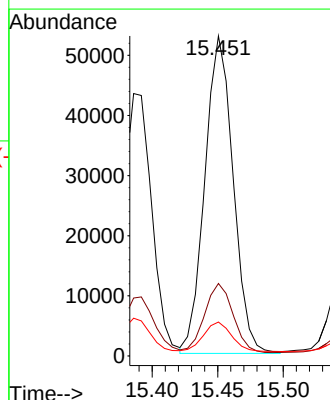
RT: 15.451 min Scan# 2271

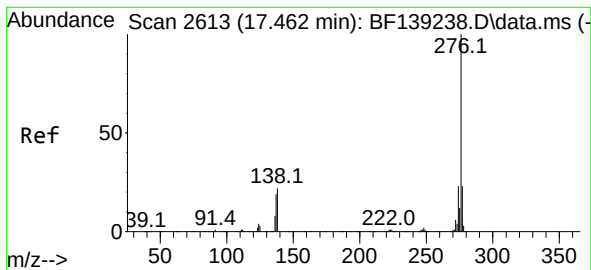
Delta R.T. -0.012 min

Lab File: BF139330.D

Acq: 11 Sep 2024 17:17

Tgt Ion:252 Resp: 79436
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.5 26.3
 125 10.6 8.6 13.0





#92

Benzo(g,h,i)perylene

Concen: 6.677 ng

RT: 17.433 min Scan# 20

Delta R.T. -0.030 min

Lab File: BF139330.D

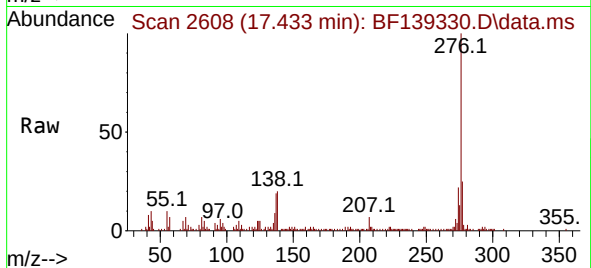
Acq: 11 Sep 2024 17:17

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-01



Tgt Ion:	276	Resp:	5370
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.6	27.8
138	20.3	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

