

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139311.D
 Acq On : 10 Sep 2024 20:59
 Operator : RC/JU
 Sample : P3906-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-701-COMP-03

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 11 01:32:16 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	6.887	152	103329	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	375890	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	190642	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	274076	20.000	ng	0.00
76) Chrysene-d12	14.045	240	184140	20.000	ng	0.00
86) Perylene-d12	15.521	264	138852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	127605	20.659	ng	-0.01
7) Phenol-d6	6.504	99	173755	21.072	ng	-0.01
23) Nitrobenzene-d5	7.445	82	111991	15.499	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	32162	19.537	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	220600	17.862	ng	-0.01
79) Terphenyl-d14	12.992	244	159821	14.013	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.433	178	48233	3.767	ng	99
75) Fluoranthene	12.621	202	133958	10.436	ng	98
78) Pyrene	12.851	202	132199	7.432	ng	99
80) Butylbenzylphthalate	13.469	149	17529	4.186	ng	97
81) Benzo(a)anthracene	14.033	228	67128	5.709	ng	94
83) Chrysene	14.068	228	67577	6.158	ng	97
87) Indeno(1,2,3-cd)pyrene	16.992	276	23569	2.717	ng	94
88) Benzo(b)fluoranthene	15.092	252	66613m	8.330	ng	
89) Benzo(k)fluoranthene	15.104	252	27770m	3.873	ng	
90) Benzo(a)pyrene	15.457	252	45001	6.628	ng	97
92) Benzo(g,h,i)perylene	17.439	276	24710	3.349	ng	96

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

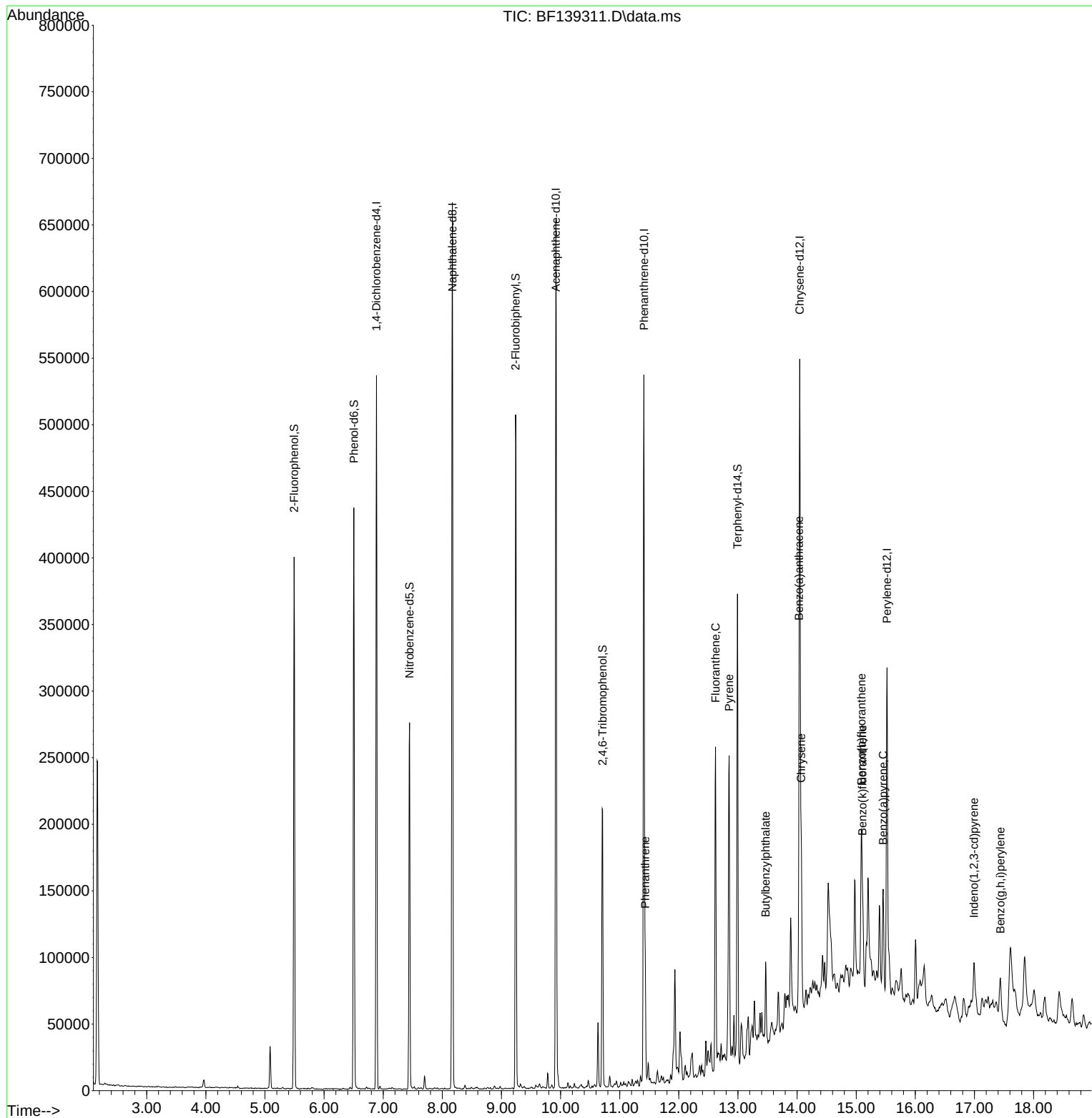
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139311.D
Acq On : 10 Sep 2024 20:59
Operator : RC/JU
Sample : P3906-13 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

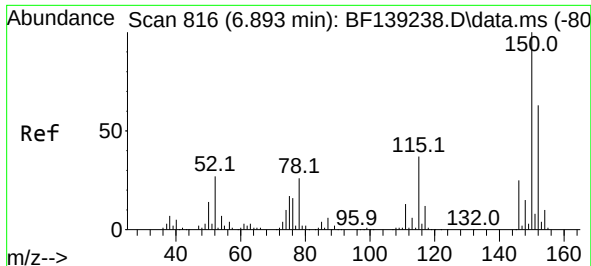
Instrument :
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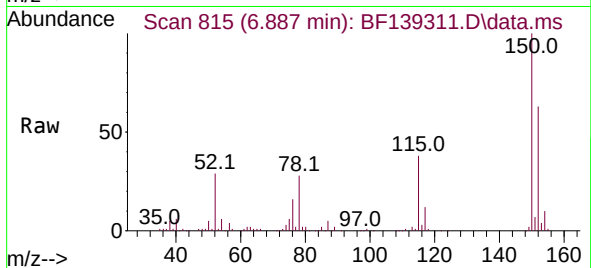
Quant Time: Sep 11 01:32:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

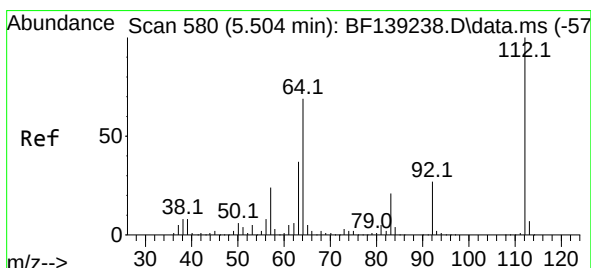
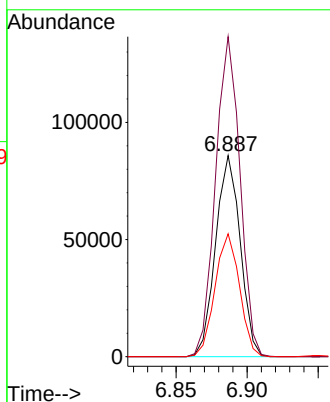
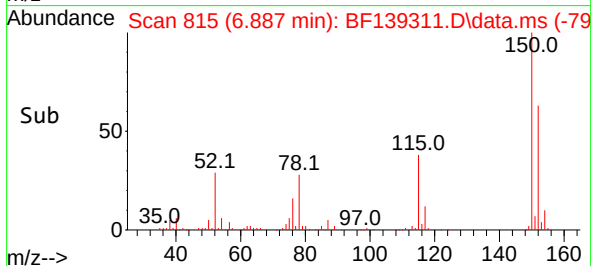
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03



Tgt Ion:152 Resp: 103329
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.4
115 61.1 46.9 70.3

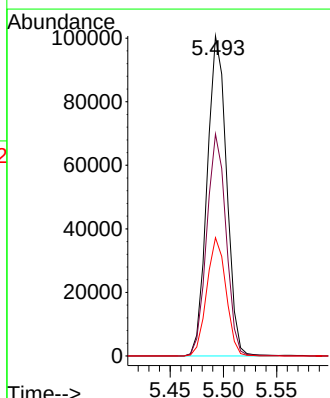
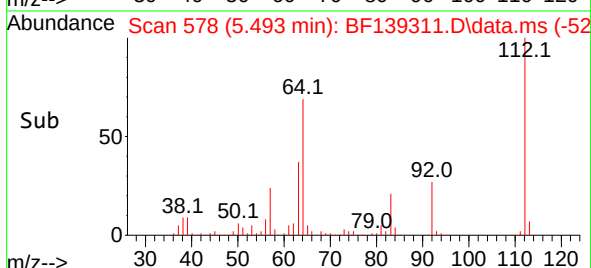
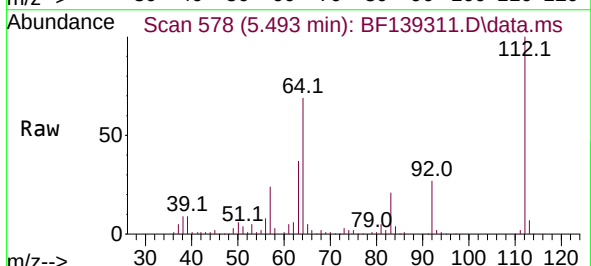
Manual Integrations
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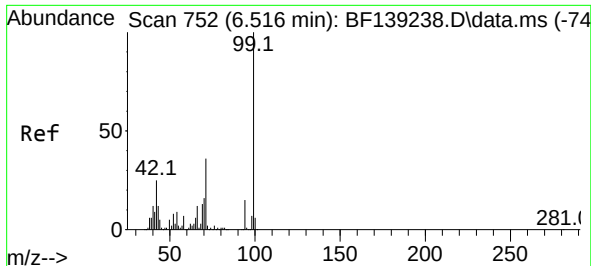
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#5
2-Fluorophenol
Concen: 20.659 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

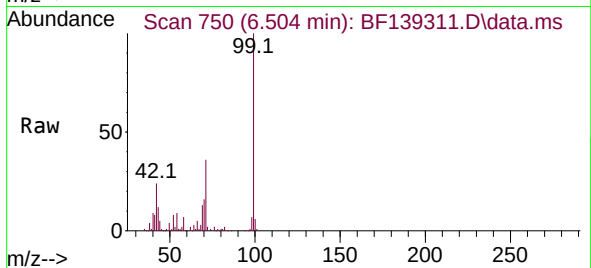
Tgt Ion:112 Resp: 127605
Ion Ratio Lower Upper
112 100
64 69.3 55.0 82.4
63 37.0 29.9 44.9





#7
Phenol-d6
Concen: 21.072 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

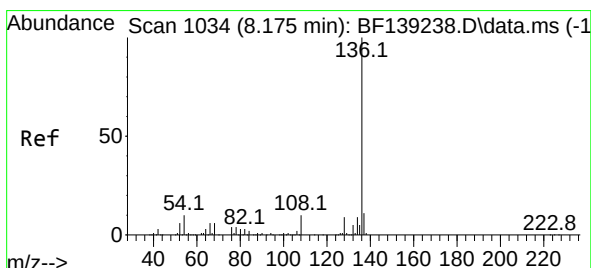
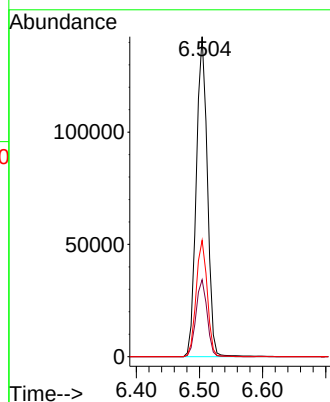
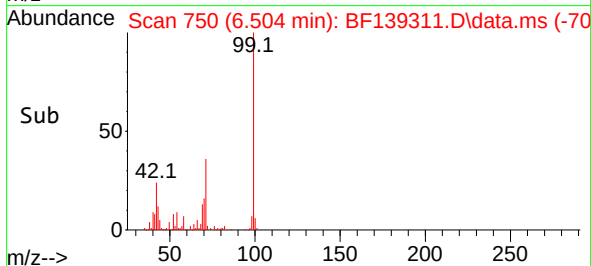
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03



Tgt Ion: 99 Resp: 17375
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 36.4 28.8 43.2

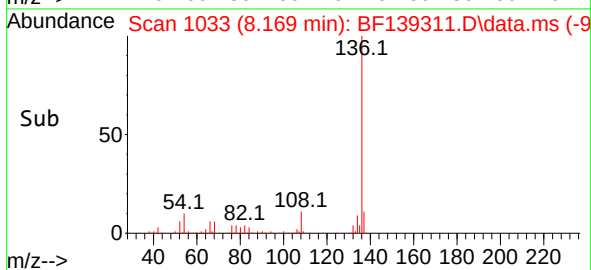
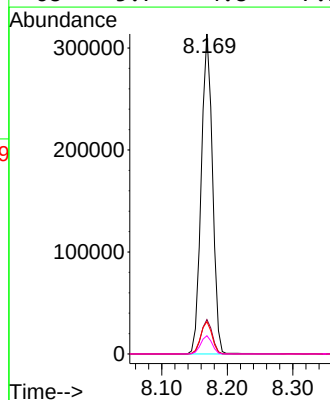
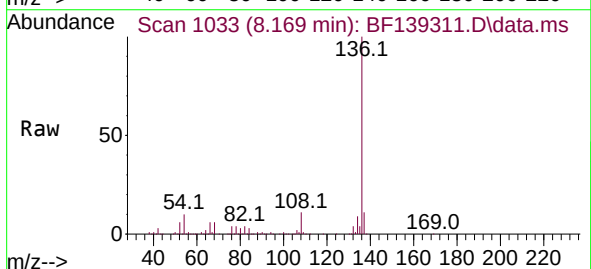
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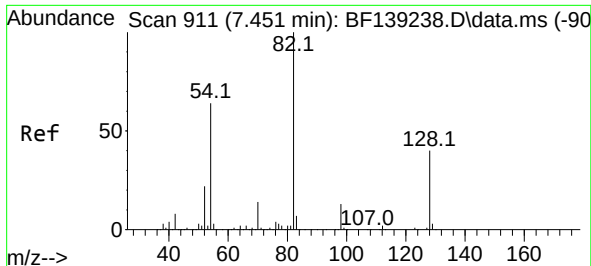
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

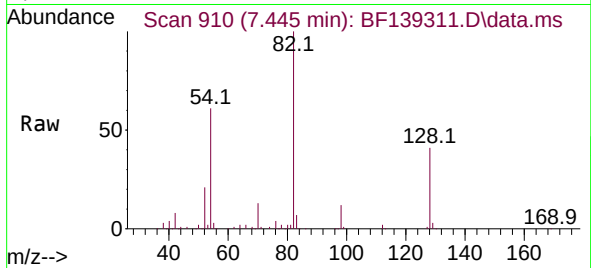
Tgt Ion:136 Resp: 375890
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.4 12.6
68 5.7 4.8 7.2





#23
Nitrobenzene-d5
Concen: 15.499 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

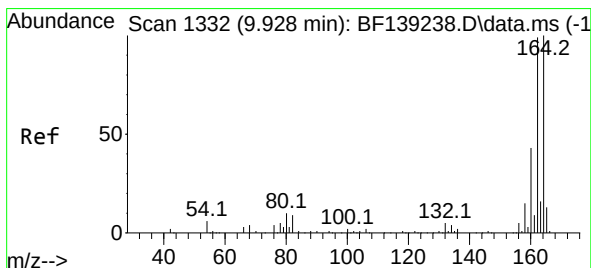
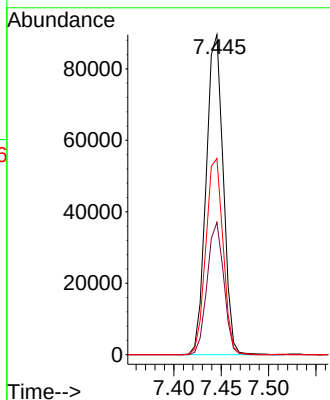
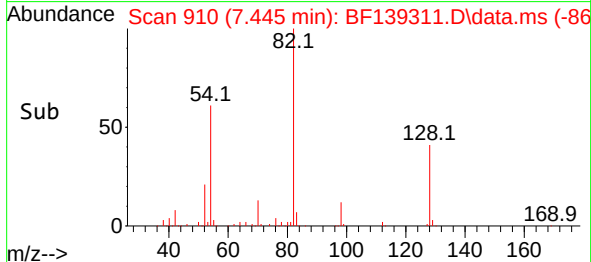
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03



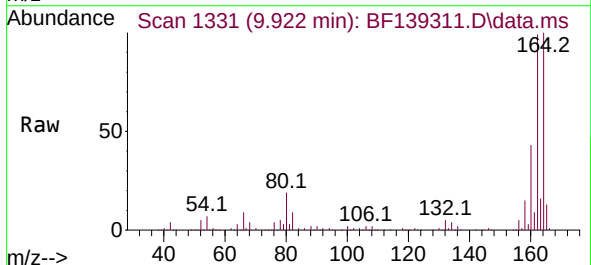
Tgt Ion: 82 Resp: 11199
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 61.3 51.2 76.8

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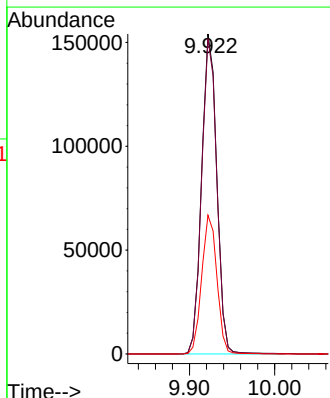
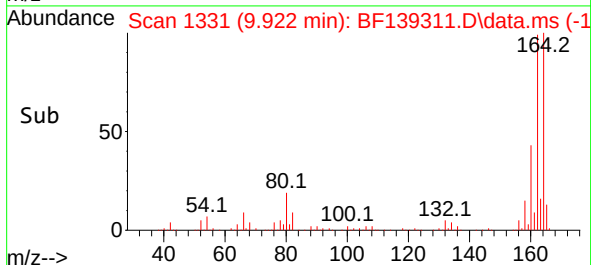
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

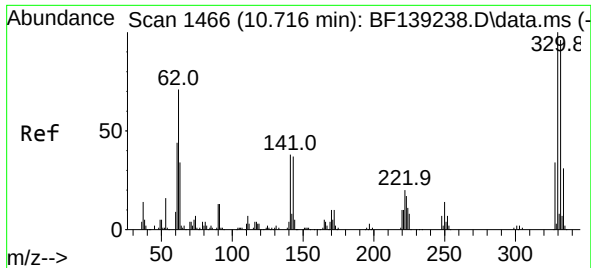


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59



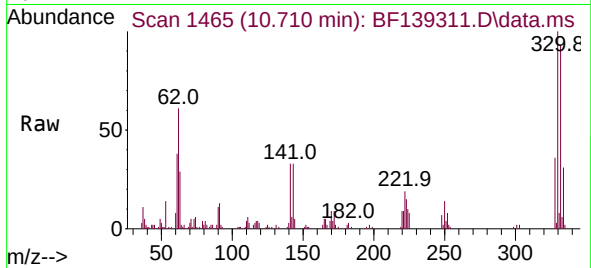
Tgt Ion:164 Resp: 190642
Ion Ratio Lower Upper
164 100
162 98.5 79.2 118.8
160 43.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 19.537 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

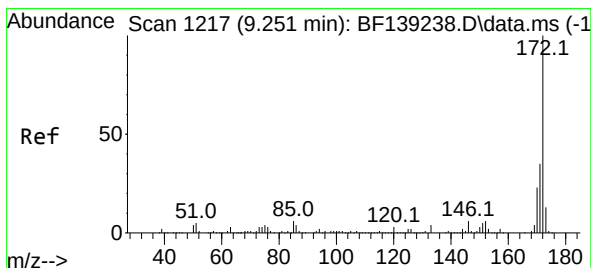
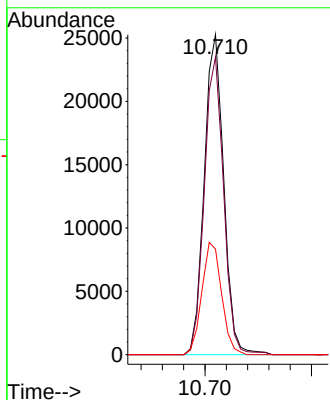
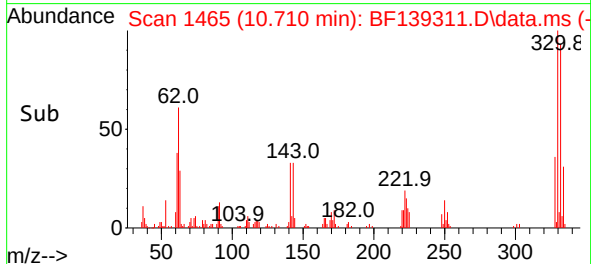
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03



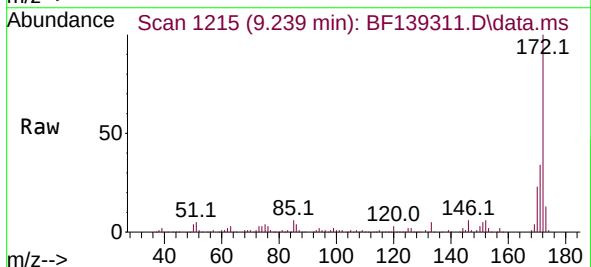
Tgt Ion: 330 Resp: 3216
Ion Ratio Lower Upper
330 100
332 92.1 76.6 115.0
141 35.6 30.1 45.1

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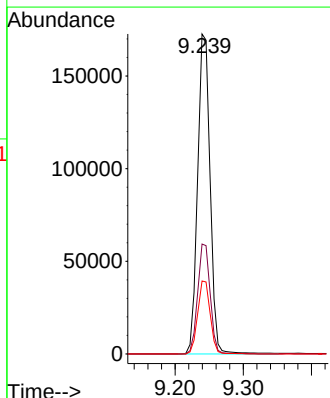
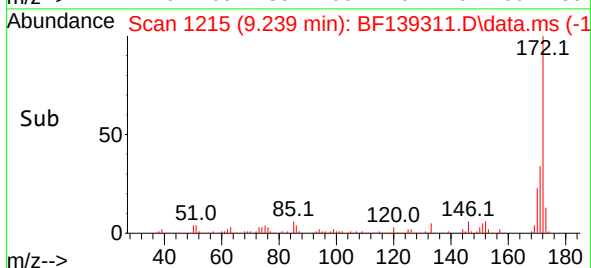
Reviewed By : Jagrut Upadhyay 09/11/2024
Supervised By : mohammad ahmed 09/12/2024

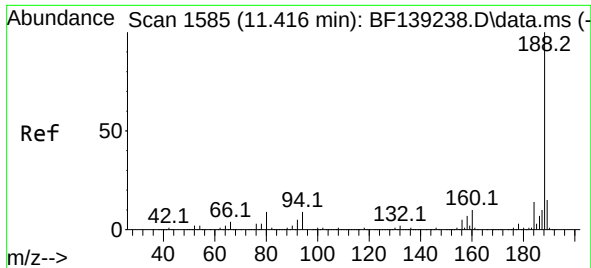


#45
2-Fluorobiphenyl
Concen: 17.862 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59



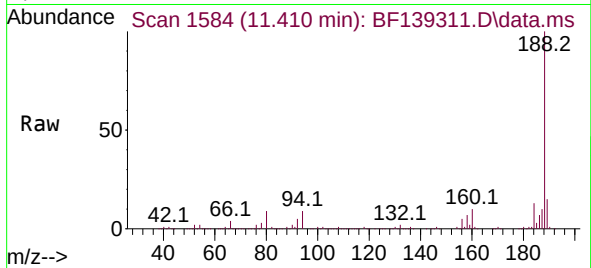
Tgt Ion: 172 Resp: 220600
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 22.8 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

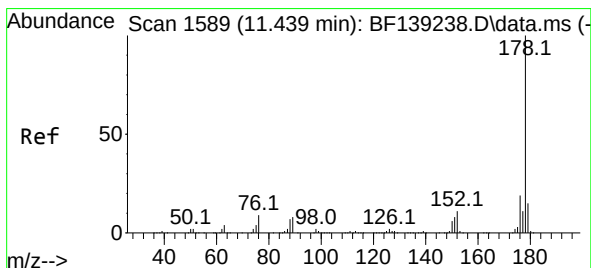
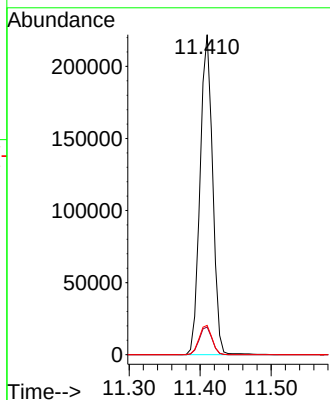
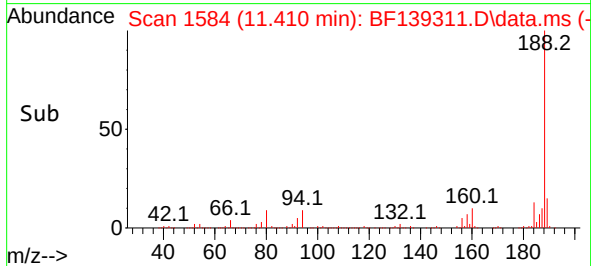
Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03



Tgt Ion:188 Resp: 274070
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.1 7.3 10.9

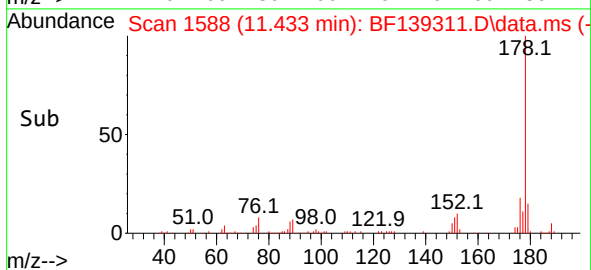
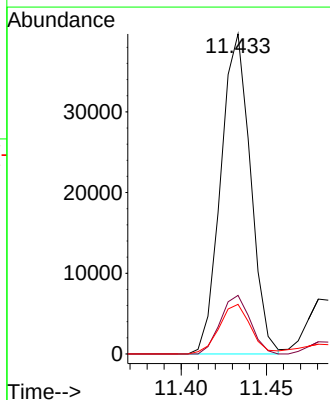
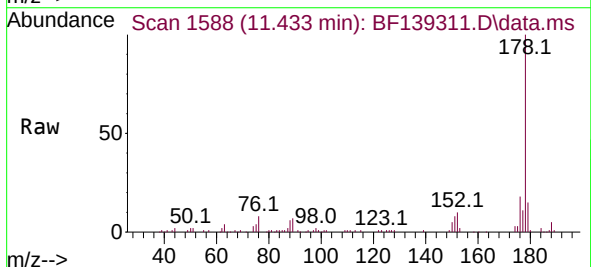
Manual Integrations
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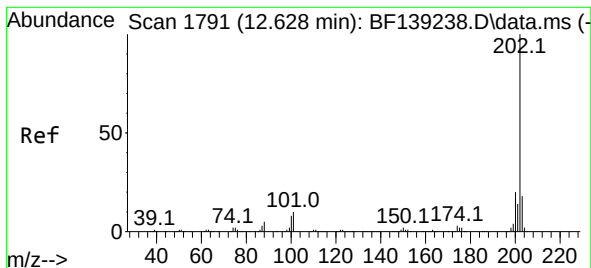
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#71
Phenanthrene
Concen: 3.767 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

Tgt Ion:178 Resp: 48233
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 15.5 12.3 18.5





#75

Fluoranthene

Concen: 10.436 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139311.D

Acq: 10 Sep 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SU-701-COMP-03

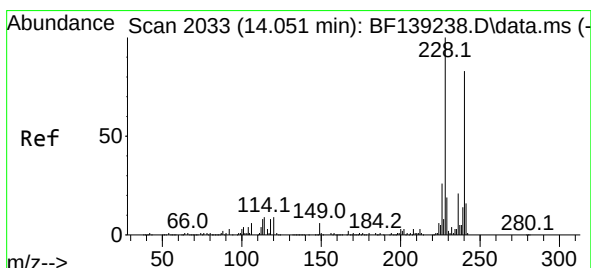
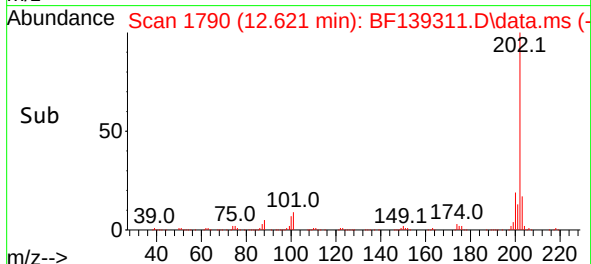
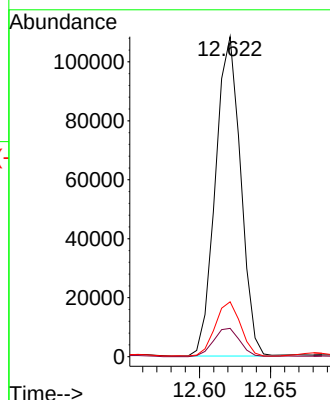
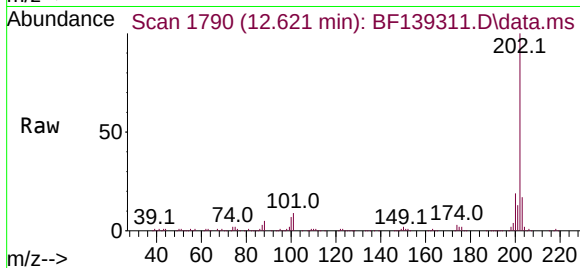
Tgt Ion: 202 Resp: 133958

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.9
203	17.1	0.0	37.7

Manual Integrations

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Supervised By : mohammad ahmed 09/12/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

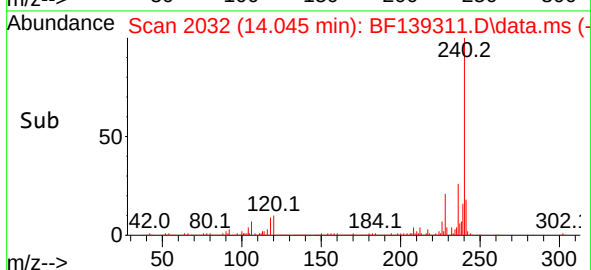
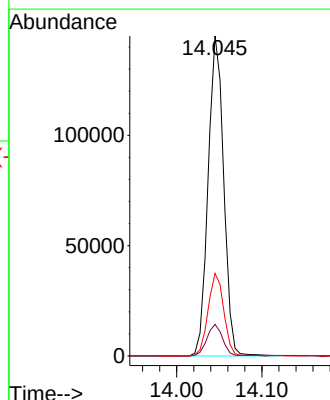
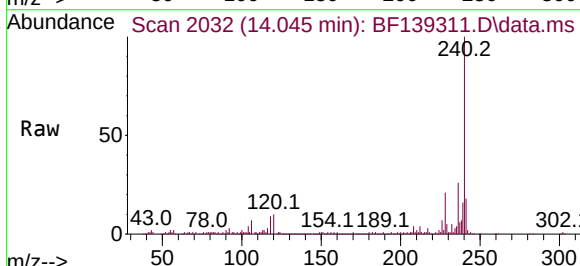
Delta R.T. -0.006 min

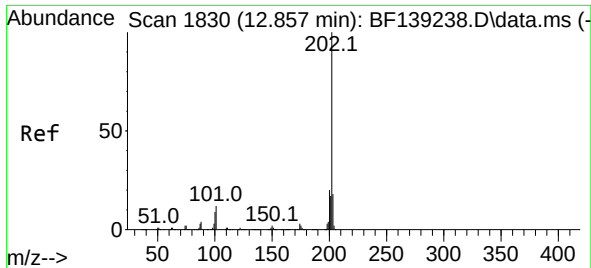
Lab File: BF139311.D

Acq: 10 Sep 2024 20:59

Tgt Ion: 240 Resp: 184140

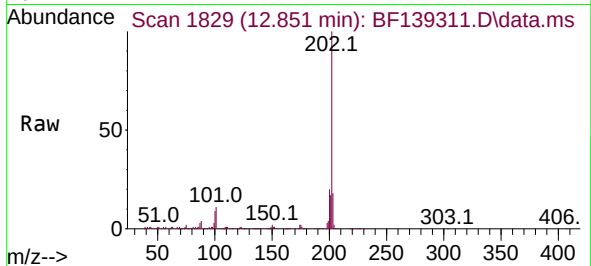
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.6	12.8
236	25.8	20.7	31.1





#78
Pyrene
Concen: 7.432 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

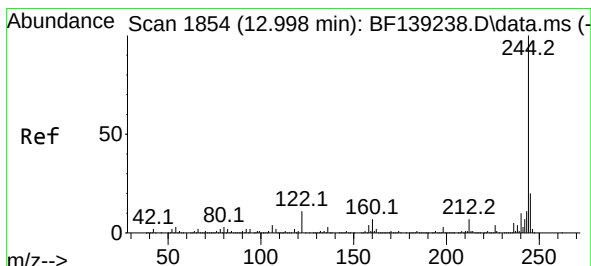
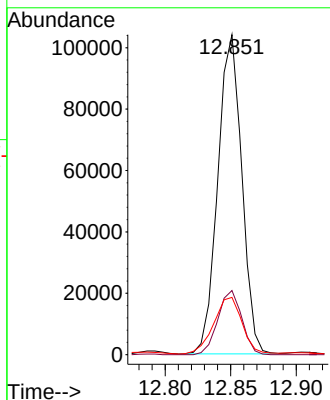
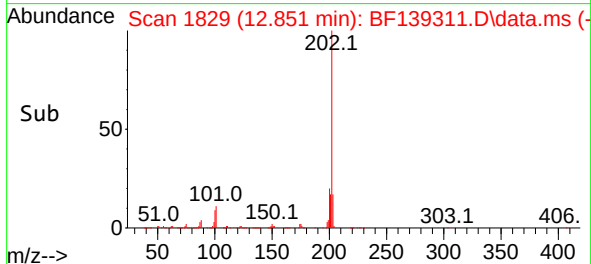
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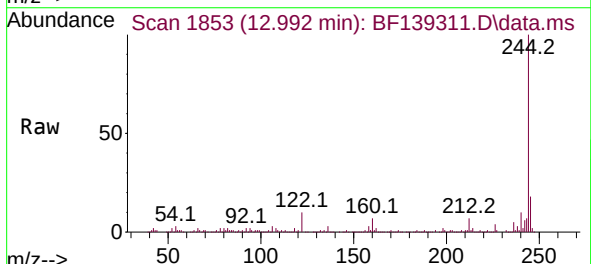
Tgt Ion:202 Resp: 132199
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.8
203 17.9 14.1 21.1

Manual Integrations
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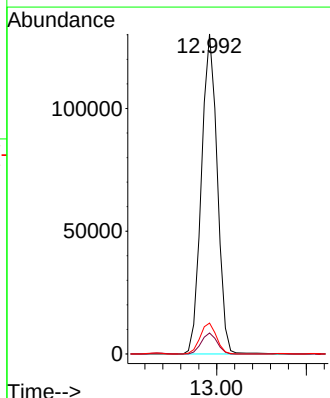
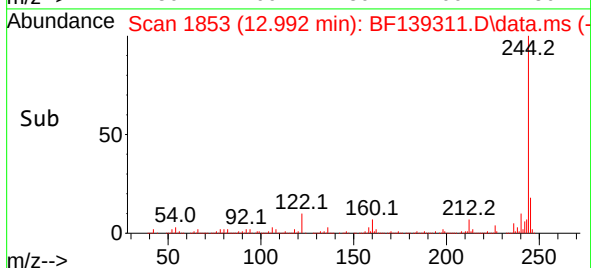
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

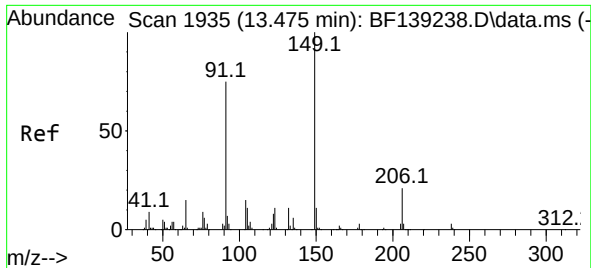


#79
Terphenyl-d14
Concen: 14.013 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59



Tgt Ion:244 Resp: 159821
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.6 8.7 13.1





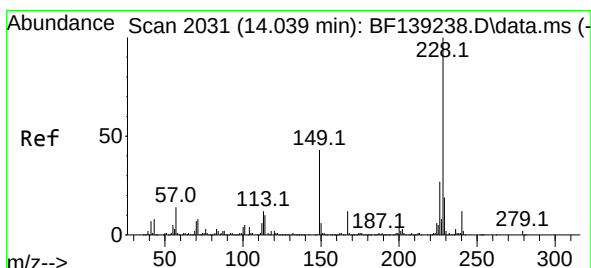
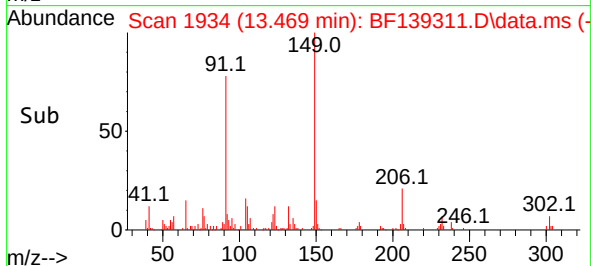
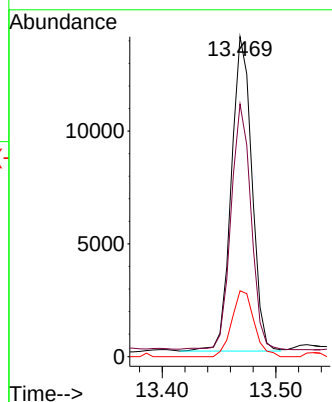
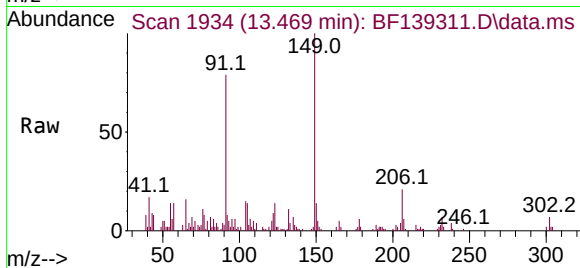
#80
Butylbenzylphthalate
Concen: 4.186 ng
RT: 13.469 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03

Tgt Ion:149 Resp: 17529
Ion Ratio Lower Upper
149 100
91 79.0 60.3 90.5
206 20.6 16.7 25.1

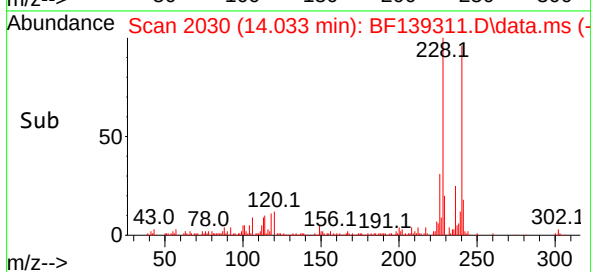
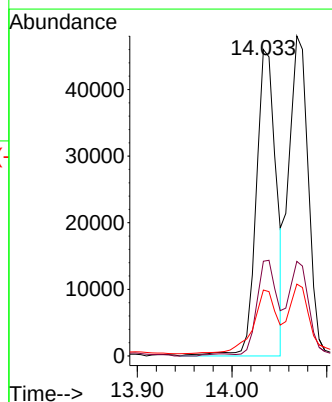
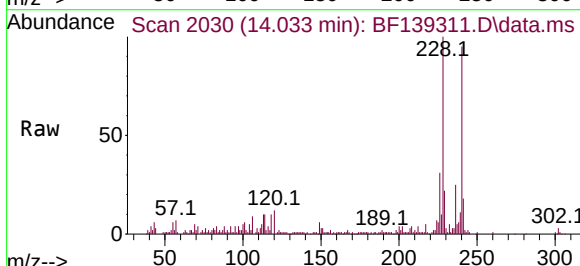
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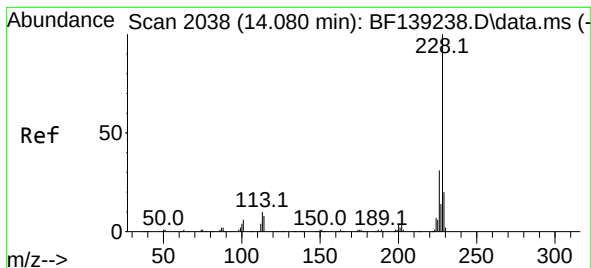
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#81
Benzo(a)anthracene
Concen: 5.709 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

Tgt Ion:228 Resp: 67128
Ion Ratio Lower Upper
228 100
226 30.9 21.5 32.3
229 21.5 15.6 23.4





#83

Chrysene

Concen: 6.158 ng

RT: 14.068 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF139311.D

Acq: 10 Sep 2024 20:59

Instrument :

BNA_F

ClientSampleId :

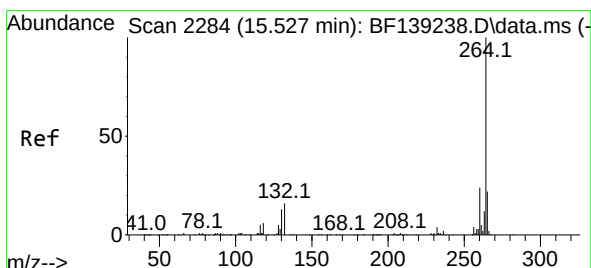
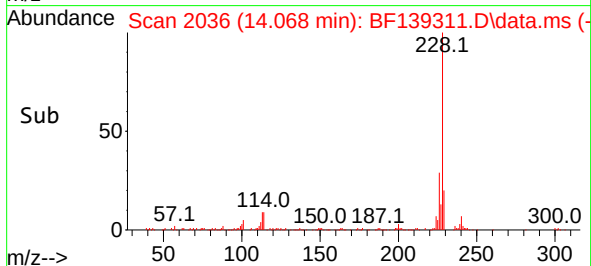
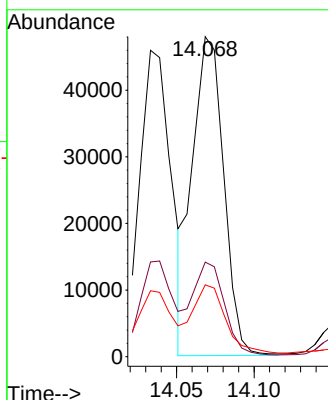
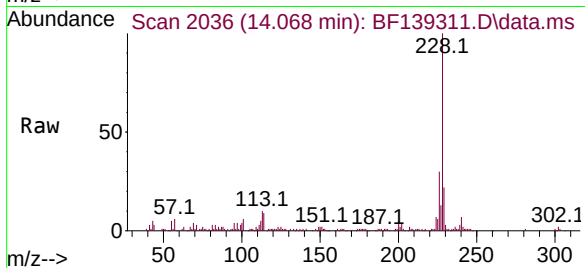
SU-701-COMP-03

Tgt Ion:	228	Resp:	6757
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.8	35.8
229	22.5	15.8	23.6

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Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#86

Perylene-d12

Concen: 20.000 ng

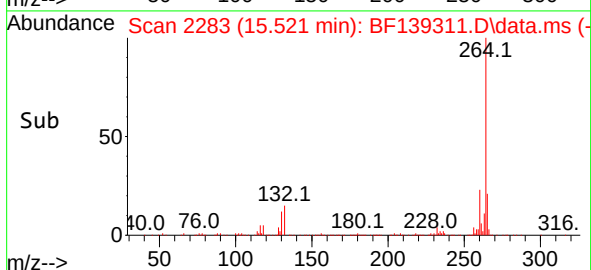
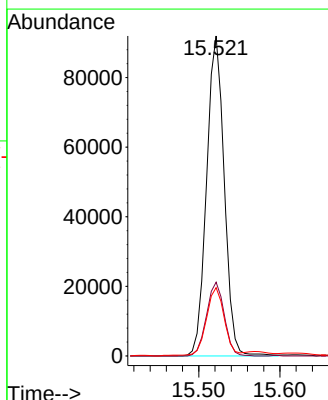
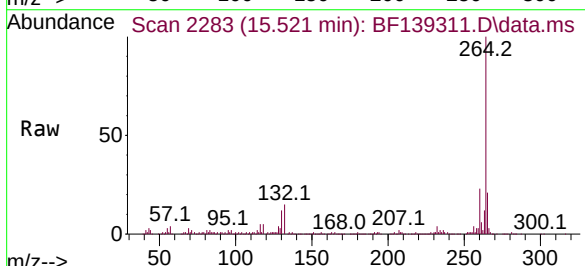
RT: 15.521 min Scan# 2283

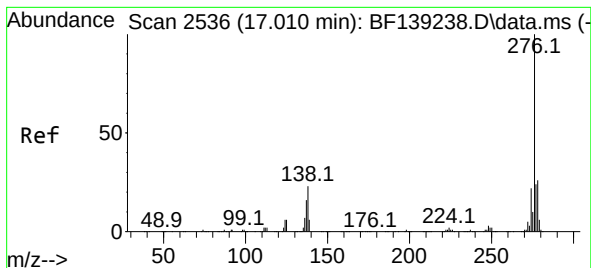
Delta R.T. -0.006 min

Lab File: BF139311.D

Acq: 10 Sep 2024 20:59

Tgt Ion:	264	Resp:	138852
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.8	28.2
265	21.4	17.3	25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.717 ng

RT: 16.992 min Scan# 2110

Delta R.T. -0.018 min

Lab File: BF139311.D

Acq: 10 Sep 2024 20:59

Instrument :

BNA_F

ClientSampleId :

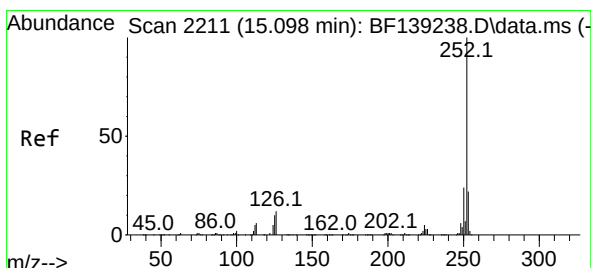
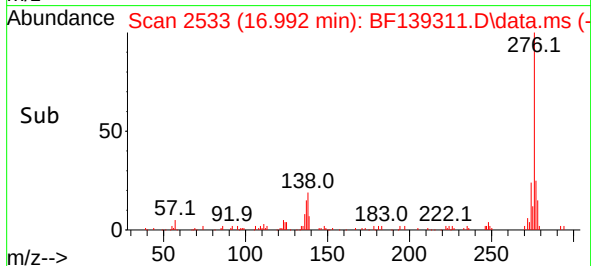
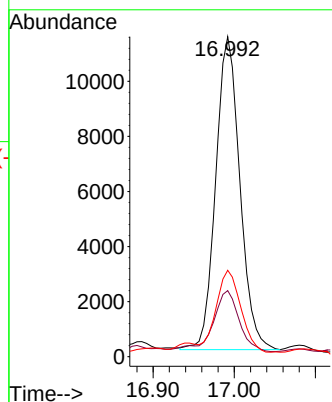
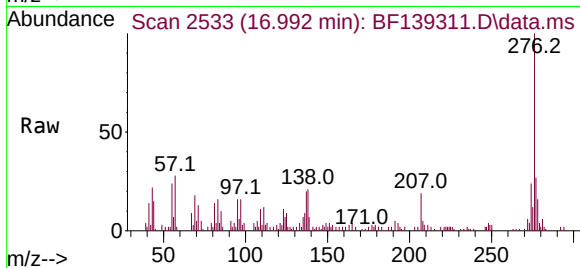
SU-701-COMP-03

Tgt Ion:	276	Resp:	2356
Ion Ratio	Lower	Upper	
276	100		
138	21.2	20.4	30.6
277	27.0	20.3	30.5

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Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#88

Benzo(b)fluoranthene

Concen: 8.330 ng m

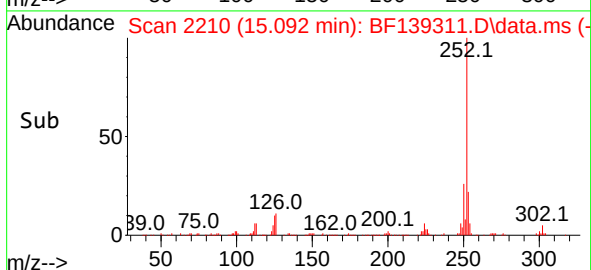
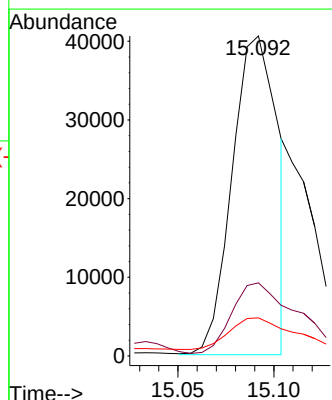
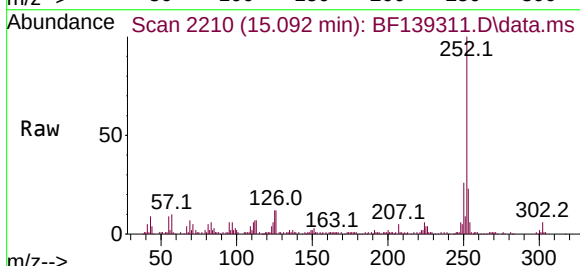
RT: 15.092 min Scan# 2210

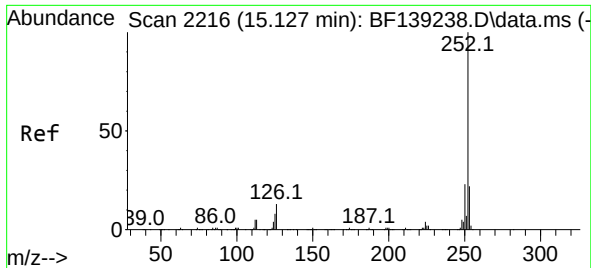
Delta R.T. -0.006 min

Lab File: BF139311.D

Acq: 10 Sep 2024 20:59

Tgt Ion:	252	Resp:	66613
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.6	26.4
125	11.9	7.6	11.4





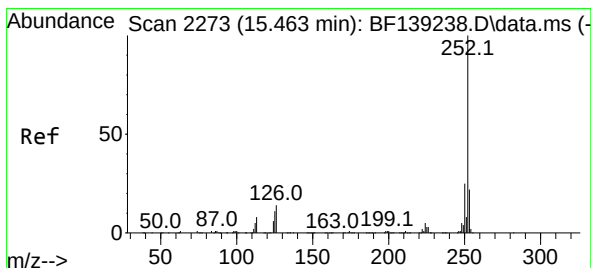
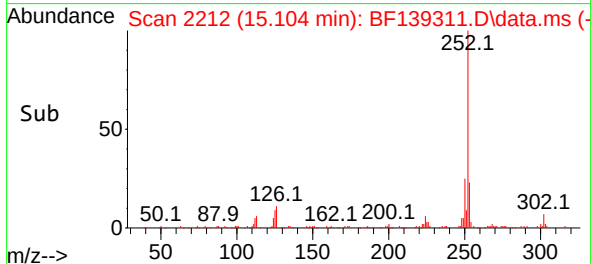
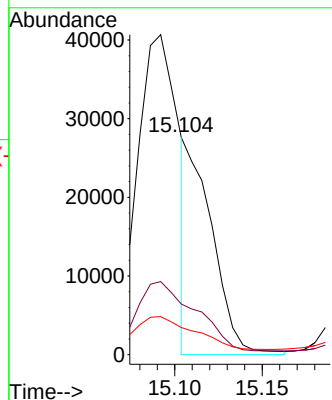
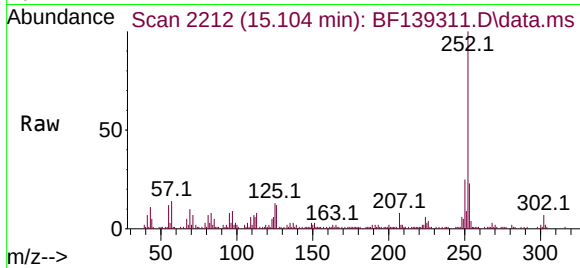
#89
Benzo(k)fluoranthene
Concen: 3.873 ng m
RT: 15.104 min Scan# 2111
Delta R.T. -0.024 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03

Tgt Ion:252 Resp: 27770
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 12.5 7.2 10.8

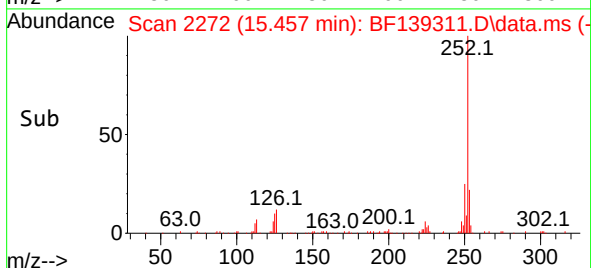
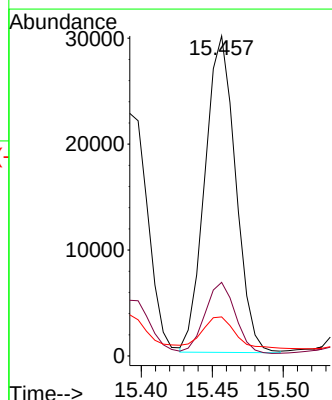
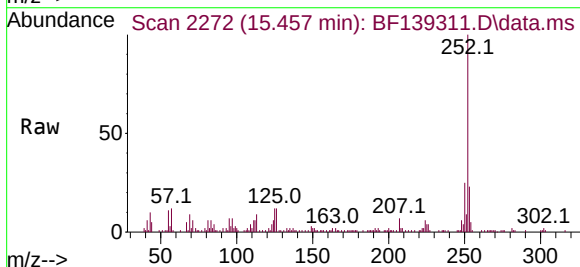
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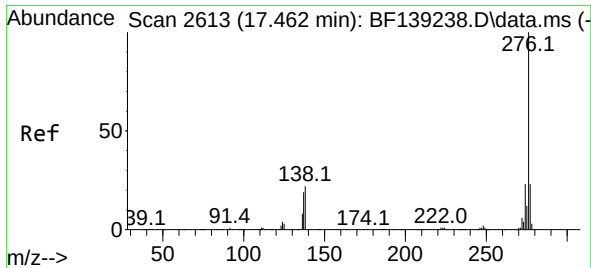
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#90
Benzo(a)pyrene
Concen: 6.628 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

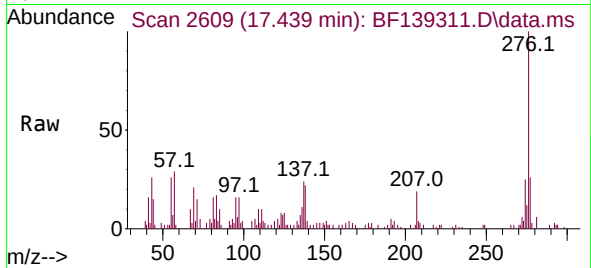
Tgt Ion:252 Resp: 45001
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.2 8.6 13.0





#92
Benzo(g,h,i)perylene
Concen: 3.349 ng
RT: 17.439 min Scan# 20
Delta R.T. -0.024 min
Lab File: BF139311.D
Acq: 10 Sep 2024 20:59

Instrument :
BNA_F
ClientSampleId :
SU-701-COMP-03



Tgt Ion: 276 Resp: 24710
Ion Ratio Lower Upper
276 100
277 26.2 18.6 27.8
138 22.5 17.4 26.0

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Reviewed By : Jagrut Upadhyay 09/11/2024
Supervised By : mohammad ahmed 09/12/2024

