

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
 Data File : BF139381.D
 Acq On : 16 Sep 2024 16:30
 Operator : RC/JU
 Sample : P3929-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :mohammad ahmed 09/19/2024

Quant Time: Sep 16 17:12:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59320	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	212084	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	116207	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	214775	20.000	ng	0.00
76) Chrysene-d12	14.027	240	104823	20.000	ng	0.00
86) Perylene-d12	15.492	264	107304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	419241	115.295	ng	0.00
7) Phenol-d6	6.504	99	553877	116.048	ng	0.00
23) Nitrobenzene-d5	7.439	82	368119	81.599	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	143983	116.382	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	664784	80.234	ng	0.00
79) Terphenyl-d14	12.980	244	622486	97.473	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	24294	2.345	ng	99
72) Anthracene	11.469	178	21246	2.097	ng	98
75) Fluoranthene	12.604	202	170009	15.364	ng	99
78) Pyrene	12.833	202	97242	10.804	ng	98
81) Benzo(a)anthracene	14.016	228	34793	5.011	ng	97
83) Chrysene	14.051	228	41498	6.496	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	20366	5.226	ng	99
88) Benzo(b)fluoranthene	15.063	252	24487m	3.700	ng	
90) Benzo(a)pyrene	15.427	252	13291	2.422	ng	98

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

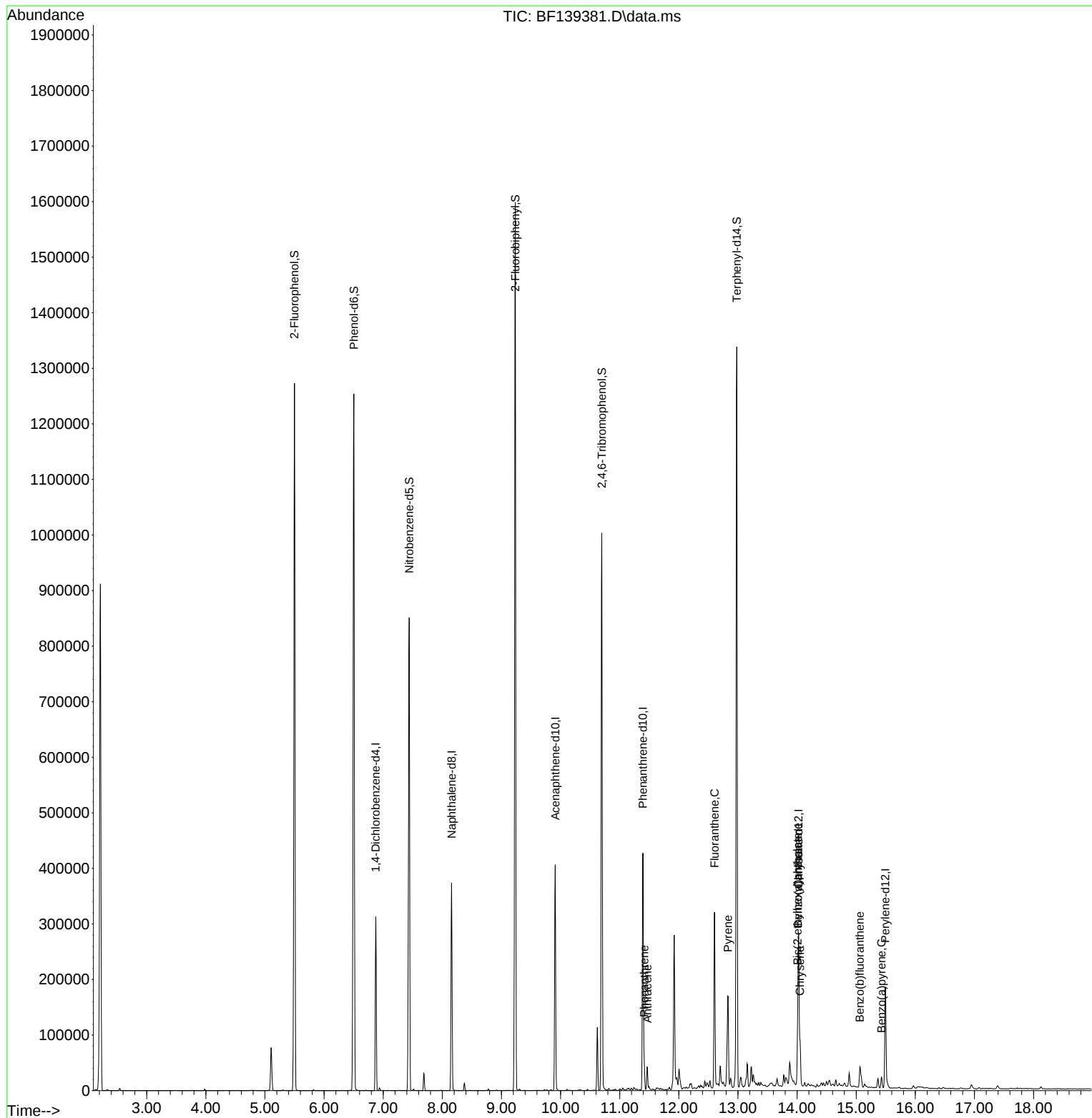
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139381.D
Acq On : 16 Sep 2024 16:30
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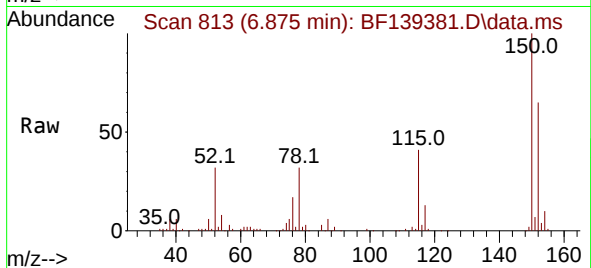
Quant Time: Sep 16 17:12:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139381.D
Acq: 16 Sep 2024 16:30

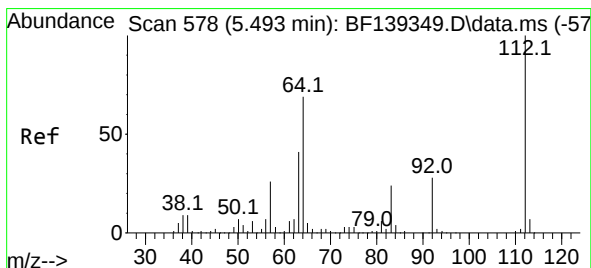
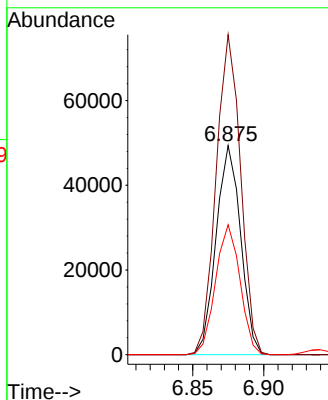
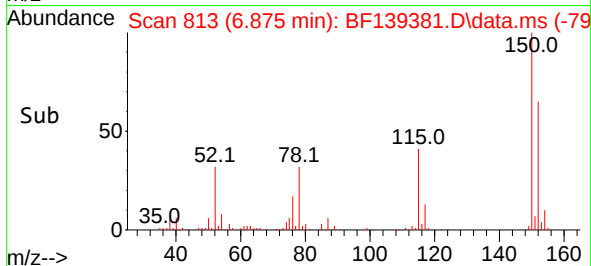
Instrument :
BNA_F
ClientSampleId :
72-11930



Tgt Ion:152 Resp: 59320
Ion Ratio Lower Upper
152 100
150 153.0 124.1 186.1
115 62.2 48.1 72.1

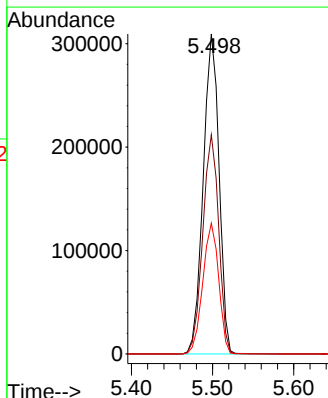
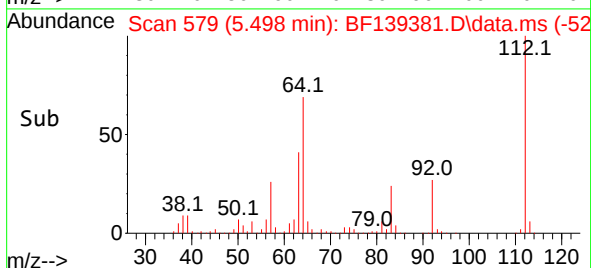
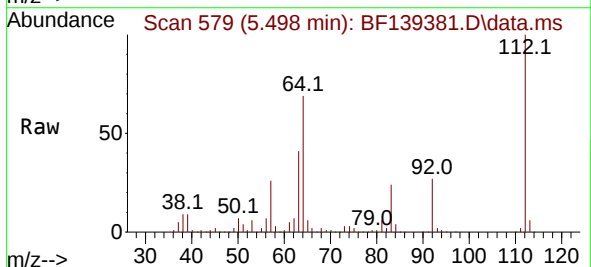
Manual Integrations
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#5
2-Fluorophenol
Concen: 115.295 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139381.D
Acq: 16 Sep 2024 16:30

Tgt Ion:112 Resp: 419241
Ion Ratio Lower Upper
112 100
64 68.5 54.8 82.2
63 40.9 33.0 49.4





#7

Phenol-d6

Concen: 116.048 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139381.D

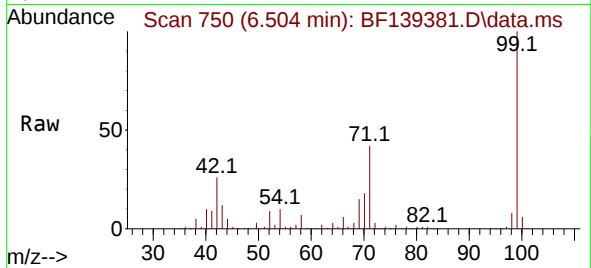
Acq: 16 Sep 2024 16:30

Instrument :

BNA_F

ClientSampleId :

72-11930



Tgt Ion: 99 Resp: 55387

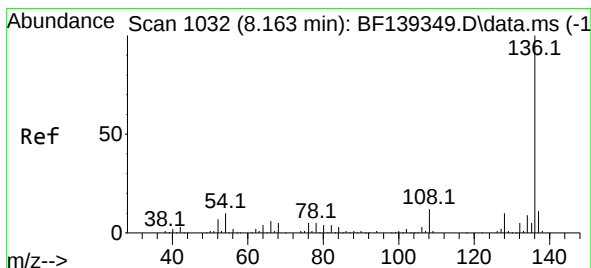
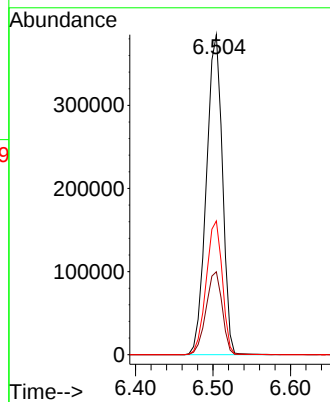
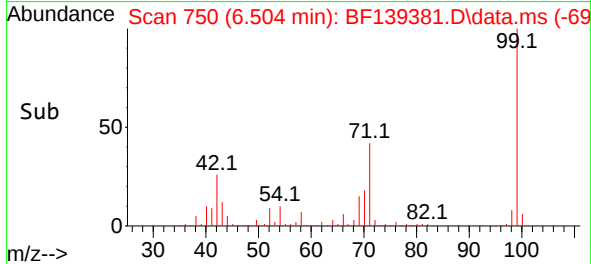
Ion	Ratio	Lower	Upper
99	100		
42	25.9	21.9	32.9
71	41.8	34.6	52.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

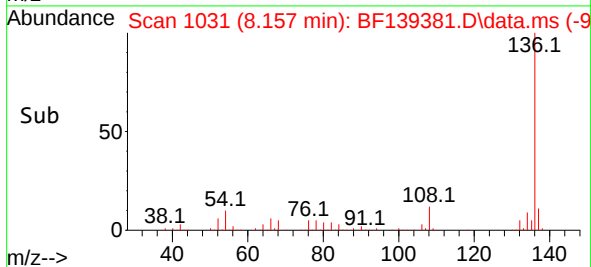
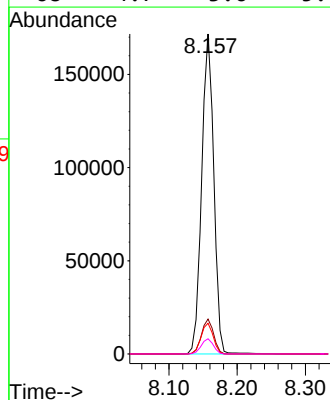
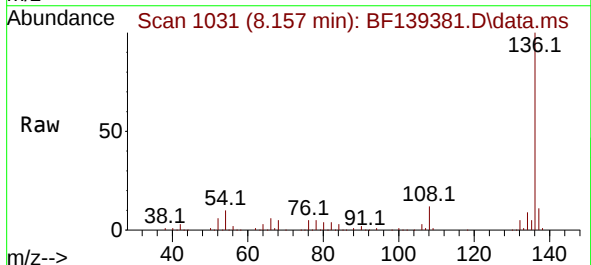
Delta R.T. -0.006 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

Tgt Ion:136 Resp: 212084

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	7.8	11.8
68	4.7	3.6	5.4





#23

Nitrobenzene-d5

Concen: 81.599 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139381.D

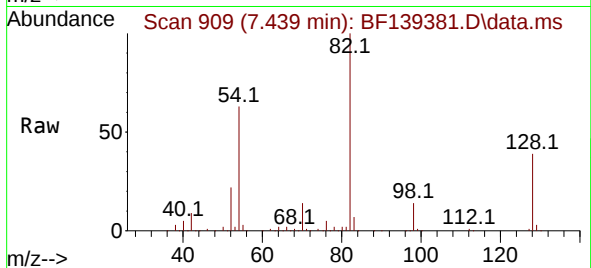
Acq: 16 Sep 2024 16:30

Instrument :

BNA_F

ClientSampleId :

72-11930



Tgt Ion: 82 Resp: 368119

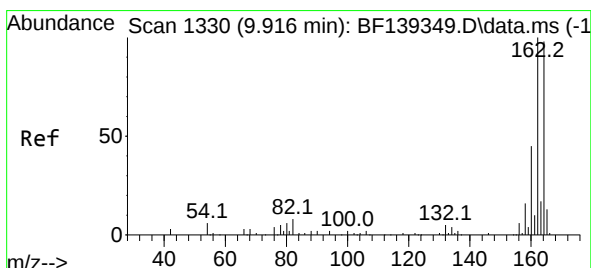
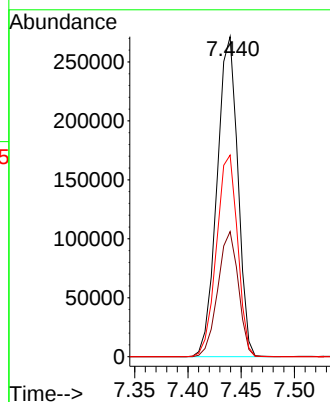
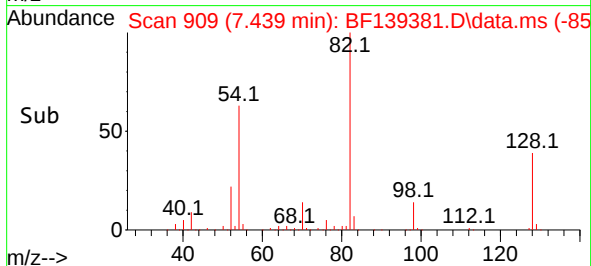
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	63.0	50.6	75.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

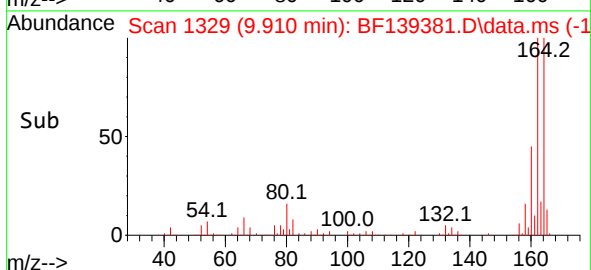
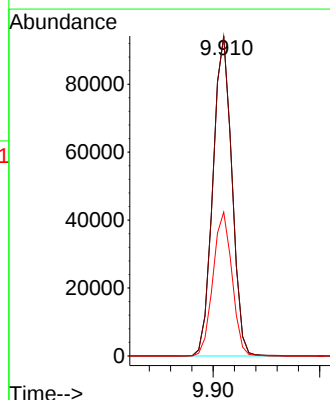
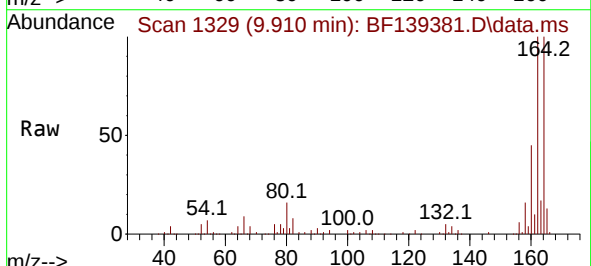
Delta R.T. -0.006 min

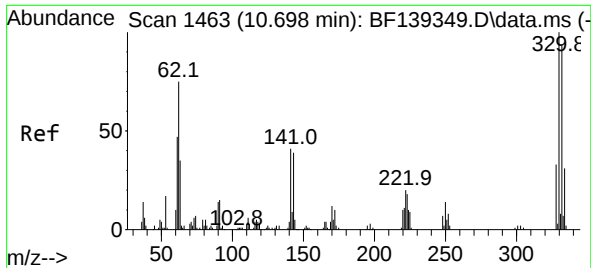
Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

Tgt Ion:164 Resp: 116207

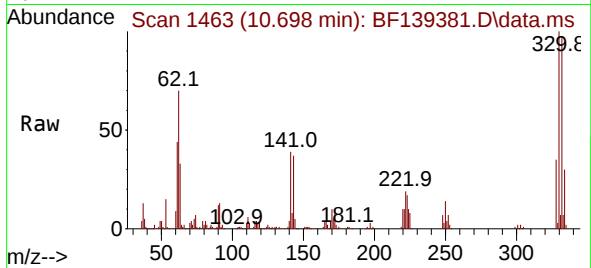
Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	45.1	36.4	54.6





#42
2,4,6-Tribromophenol
Concen: 116.382 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139381.D
Acq: 16 Sep 2024 16:30

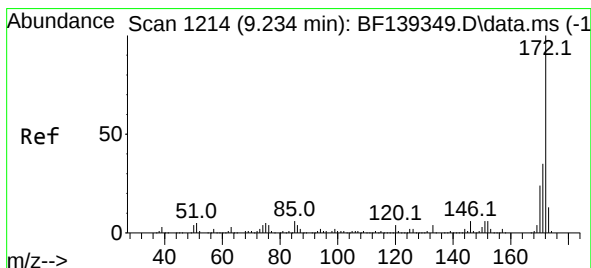
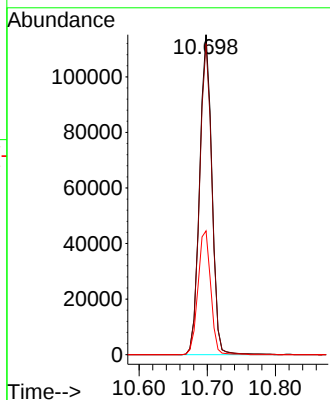
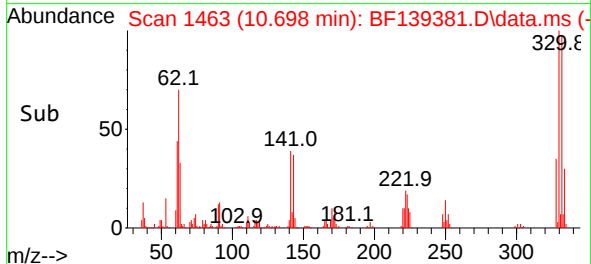
Instrument :
BNA_F
ClientSampleId :
72-11930



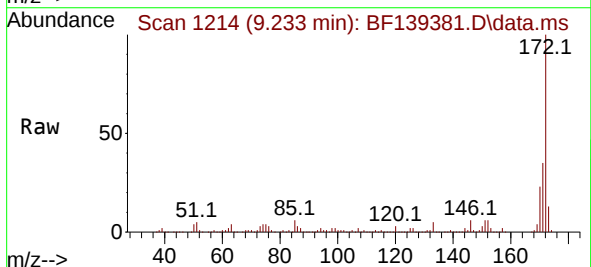
Tgt Ion: 330 Resp: 14398
Ion Ratio Lower Upper
330 100
332 97.6 75.2 112.8
141 40.1 31.2 46.8

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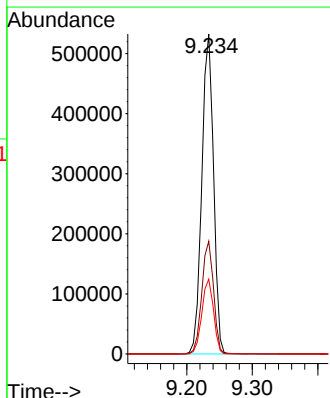
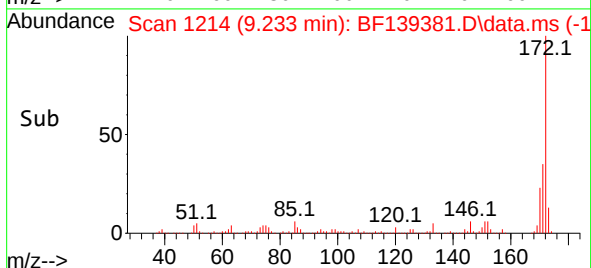
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/19/2024



#45
2-Fluorobiphenyl
Concen: 80.234 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139381.D
Acq: 16 Sep 2024 16:30



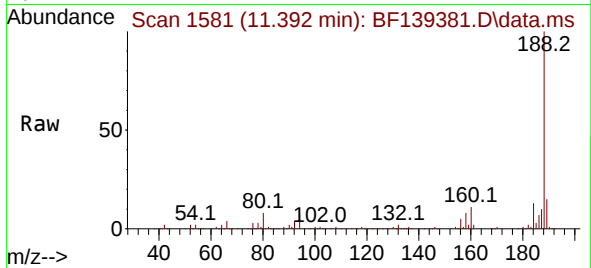
Tgt Ion: 172 Resp: 664784
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF139381.D
Acq: 16 Sep 2024 16:30

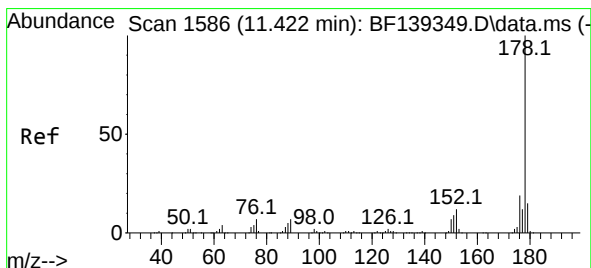
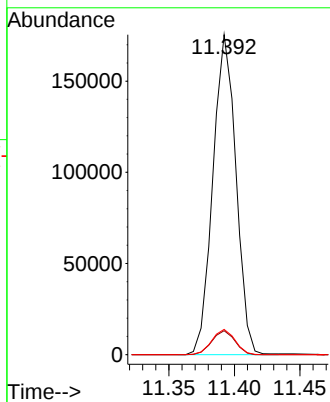
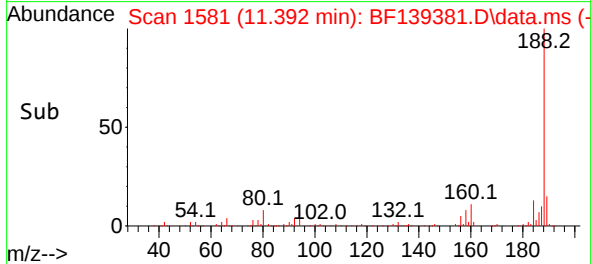
Instrument :
BNA_F
ClientSampleId :
72-11930



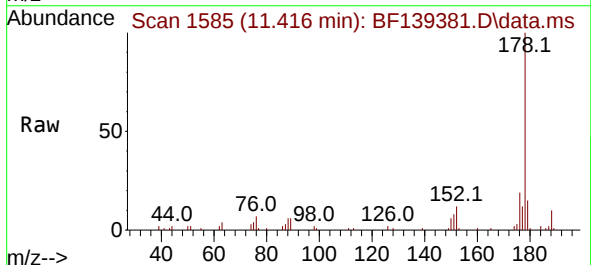
Tgt Ion:188 Resp: 214775
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 7.9 6.6 9.8

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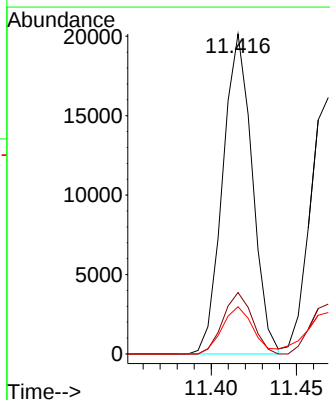
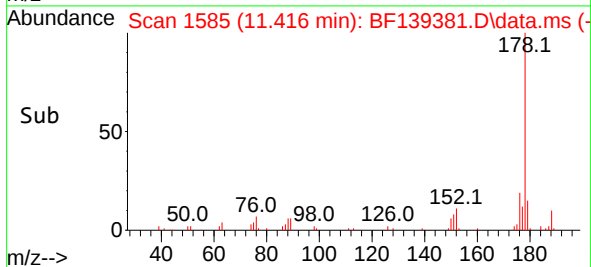
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/19/2024

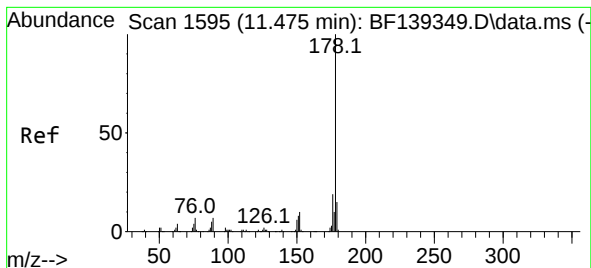


#71
Phenanthrene
Concen: 2.345 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139381.D
Acq: 16 Sep 2024 16:30



Tgt Ion:178 Resp: 24294
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 14.7 12.2 18.4





#72

Anthracene

Concen: 2.097 ng

RT: 11.469 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

Instrument :

BNA_F

ClientSampleId :

72-11930

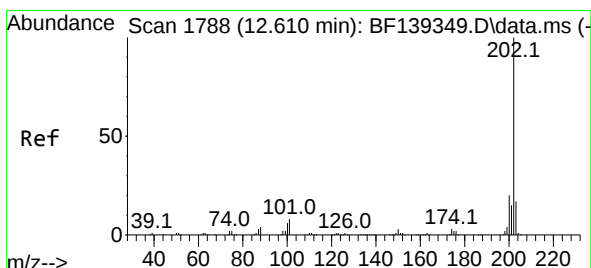
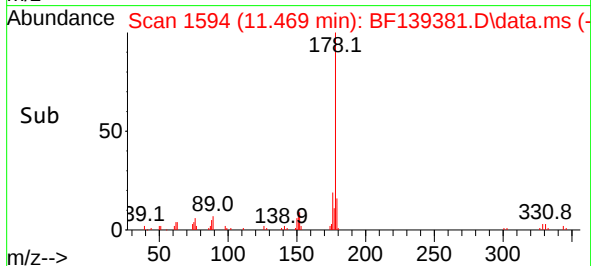
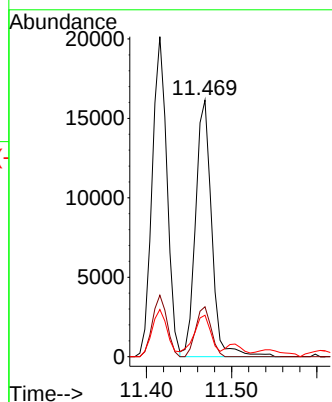
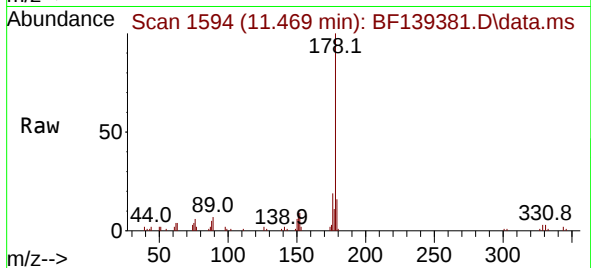
Tgt Ion:178	Resp:	21240
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.0 22.6
179	16.2	12.0 18.0

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#75

Fluoranthene

Concen: 15.364 ng

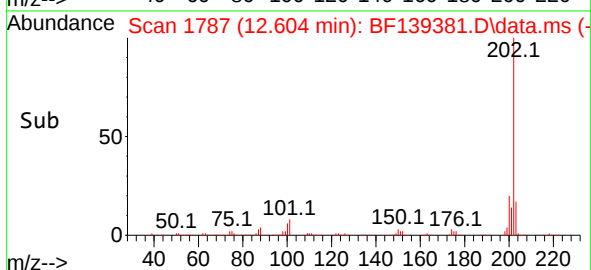
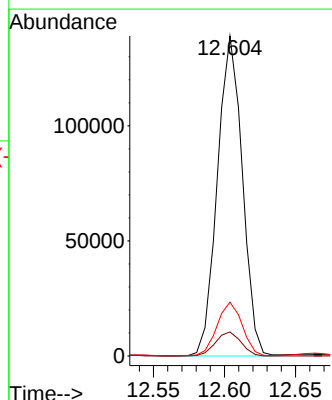
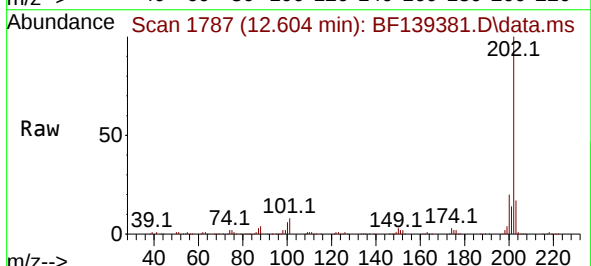
RT: 12.604 min Scan# 1787

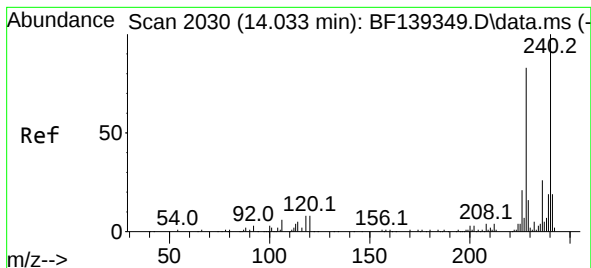
Delta R.T. -0.006 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

Tgt Ion:202	Resp:	170009
Ion Ratio	Lower	Upper
202	100	
101	7.5	0.0 27.7
203	16.8	0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

Instrument :

BNA_F

ClientSampleId :

72-11930

Tgt Ion:240 Resp: 10482

Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

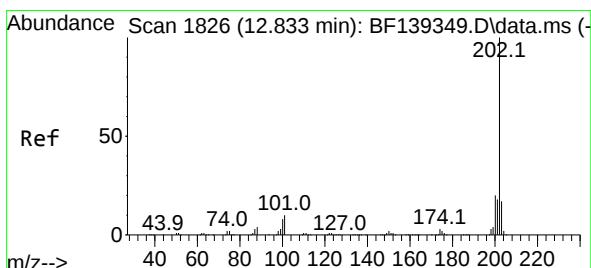
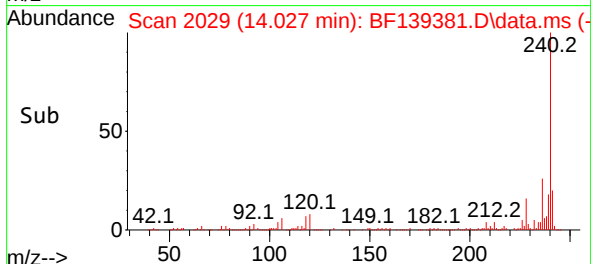
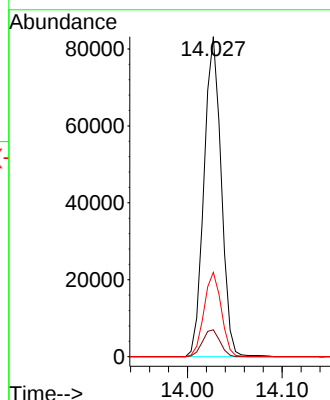
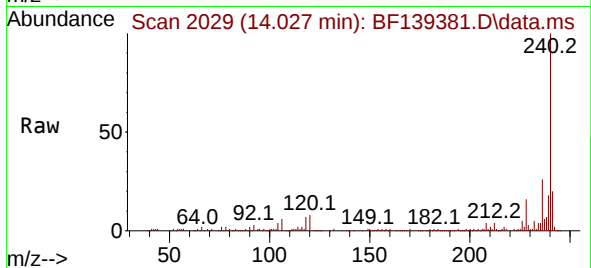
236 26.3 20.9 31.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/19/2024



#78

Pyrene

Concen: 10.804 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

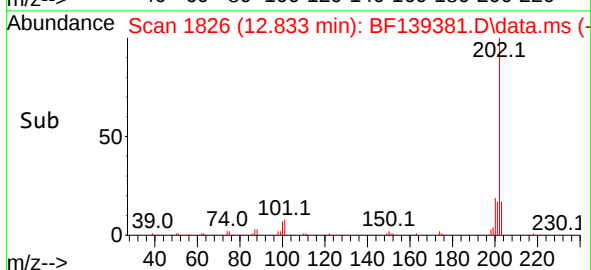
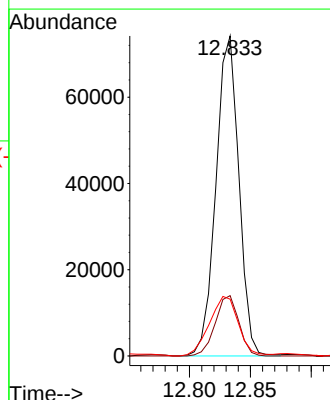
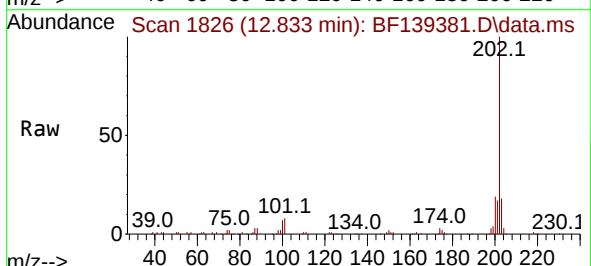
Tgt Ion:202 Resp: 97242

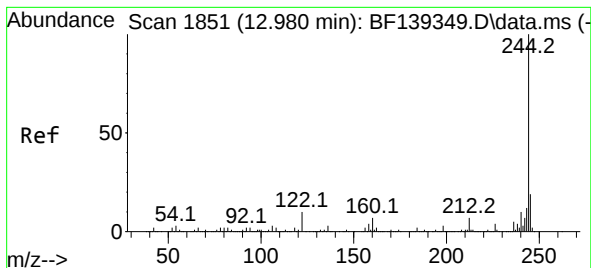
Ion Ratio Lower Upper

202 100

200 18.8 16.2 24.2

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 97.473 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139381.D

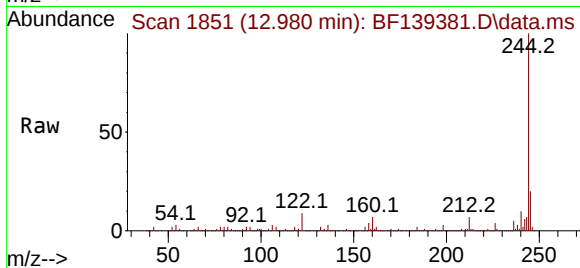
Acq: 16 Sep 2024 16:30

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72-11930



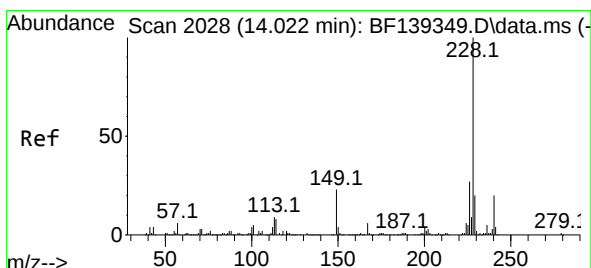
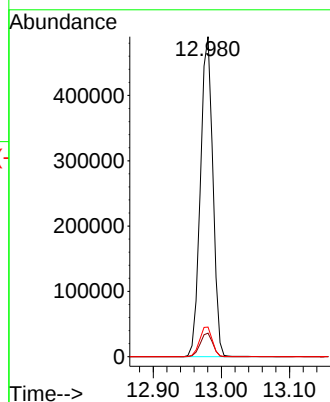
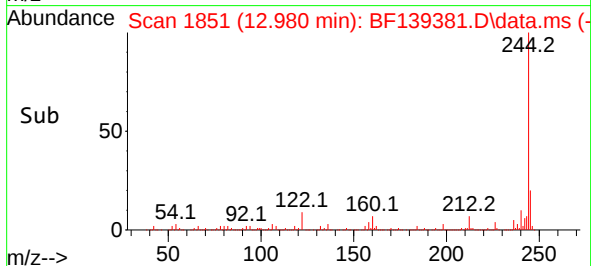
Tgt Ion:244	Resp:	622480
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.0 9.0
122	9.2	7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/19/2024



#81

Benzo(a)anthracene

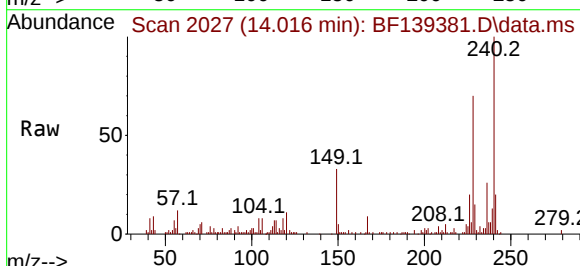
Concen: 5.011 ng

RT: 14.016 min Scan# 2027

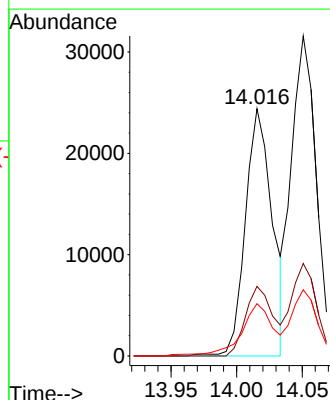
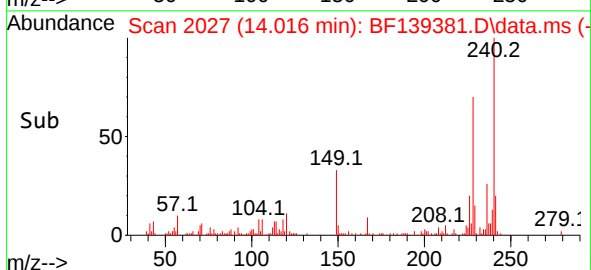
Delta R.T. -0.006 min

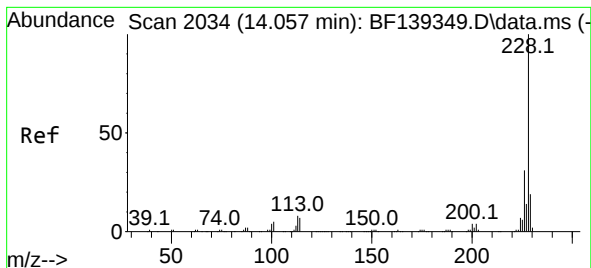
Lab File: BF139381.D

Acq: 16 Sep 2024 16:30



Tgt Ion:228	Resp:	34793
Ion Ratio	Lower	Upper
228	100	
226	28.1	21.6 32.4
229	21.2	15.7 23.5





#83

Chrysene

Concen: 6.496 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

Instrument :

BNA_F

ClientSampleId :

72-11930

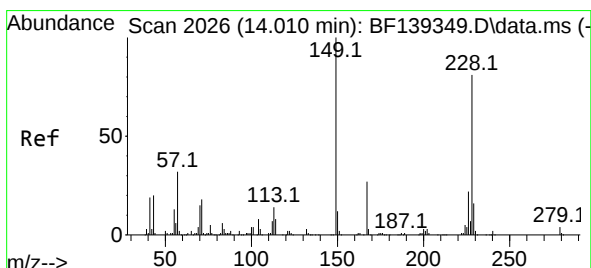
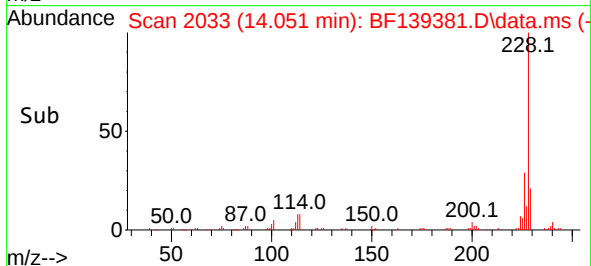
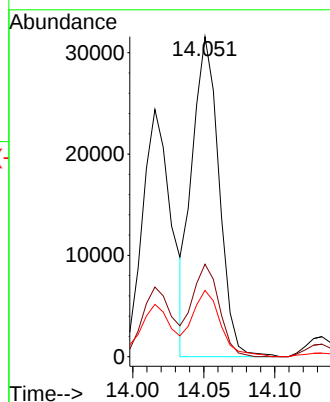
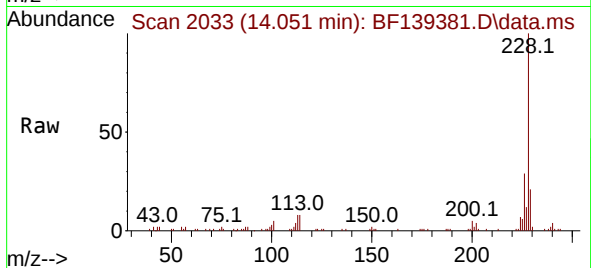
Tgt Ion:228	Resp: 41498
Ion Ratio	Lower Upper
228 100	
226 28.9	24.1 36.1
229 20.7	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.226 ng

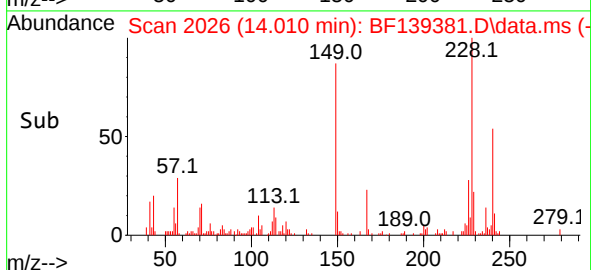
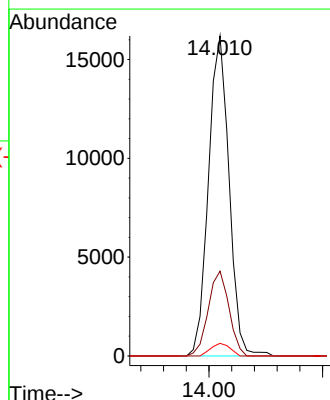
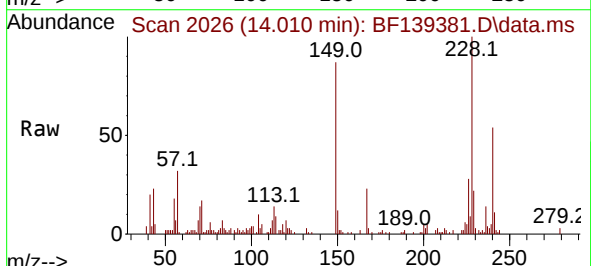
RT: 14.010 min Scan# 2026

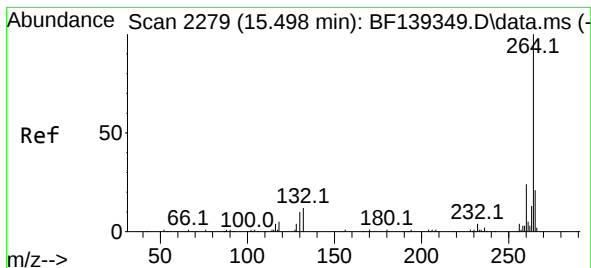
Delta R.T. -0.000 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

Tgt Ion:149	Resp: 20366
Ion Ratio	Lower Upper
149 100	
167 26.5	21.6 32.4
279 3.9	3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

Instrument :

BNA_F

ClientSampleId :

72-11930

Tgt Ion:264 Resp: 107304

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

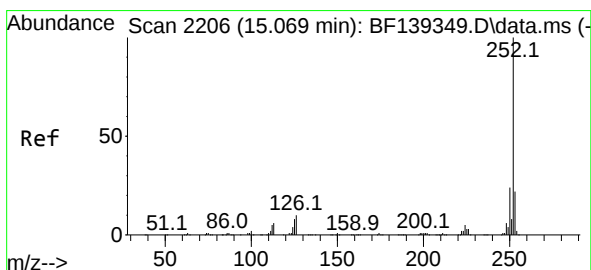
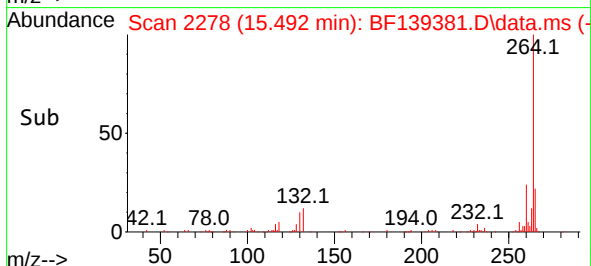
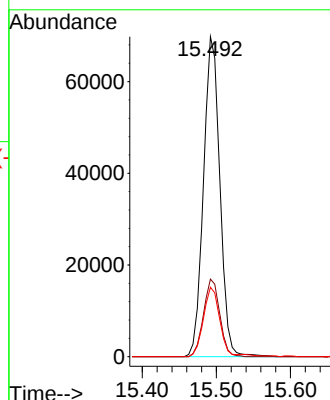
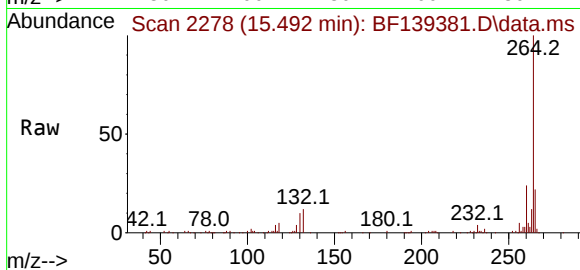
265 21.7 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/19/2024



#88

Benzo(b)fluoranthene

Concen: 3.700 ng m

RT: 15.063 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF139381.D

Acq: 16 Sep 2024 16:30

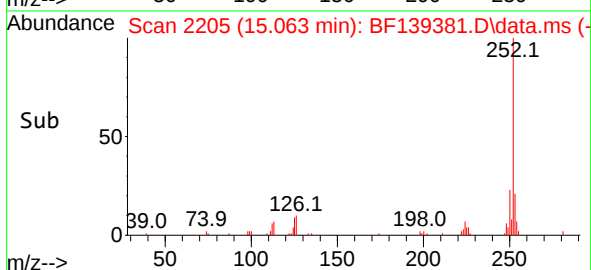
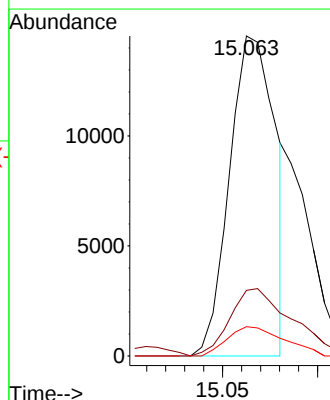
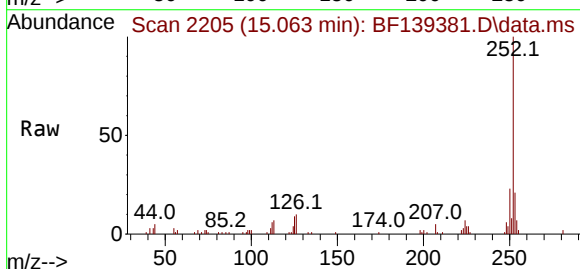
Tgt Ion:252 Resp: 24487

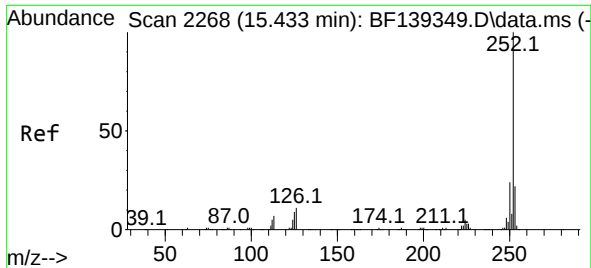
Ion Ratio Lower Upper

252 100

253 20.5 17.6 26.4

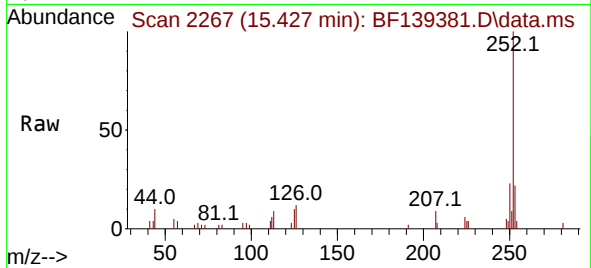
125 9.2 6.2 9.2





#90
Benzo(a)pyrene
Concen: 2.422 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139381.D
Acq: 16 Sep 2024 16:30

Instrument :
BNA_F
ClientSampleId :
72-11930



Tgt Ion:252 Resp: 1329
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.1 6.8 10.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/19/2024

