

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139969.D
 Acq On : 23 Oct 2024 17:30
 Operator : RC/JU
 Sample : P4458-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280517

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 17:53:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	163623	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	576692	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	276883	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	425444	20.000	ng	0.00
76) Chrysene-d12	14.051	240	373812	20.000	ng	0.00
86) Perylene-d12	15.527	264	365815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	394432	37.738	ng	0.00
7) Phenol-d6	6.504	99	488196	36.064	ng	0.00
23) Nitrobenzene-d5	7.445	82	286172	27.503	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	92776	35.823	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	496296	29.624	ng	0.00
79) Terphenyl-d14	12.992	244	459372	20.024	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	65410	3.255	ng	99
75) Fluoranthene	12.621	202	102007	5.021	ng	99
78) Pyrene	12.851	202	88564	2.707	ng	98
81) Benzo(a)anthracene	14.039	228	57597	2.367	ng	97
83) Chrysene	14.074	228	46602	2.089	ng	95
88) Benzo(b)fluoranthene	15.092	252	60812m	2.729	ng	
90) Benzo(a)pyrene	15.462	252	40555	2.212	ng	96

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

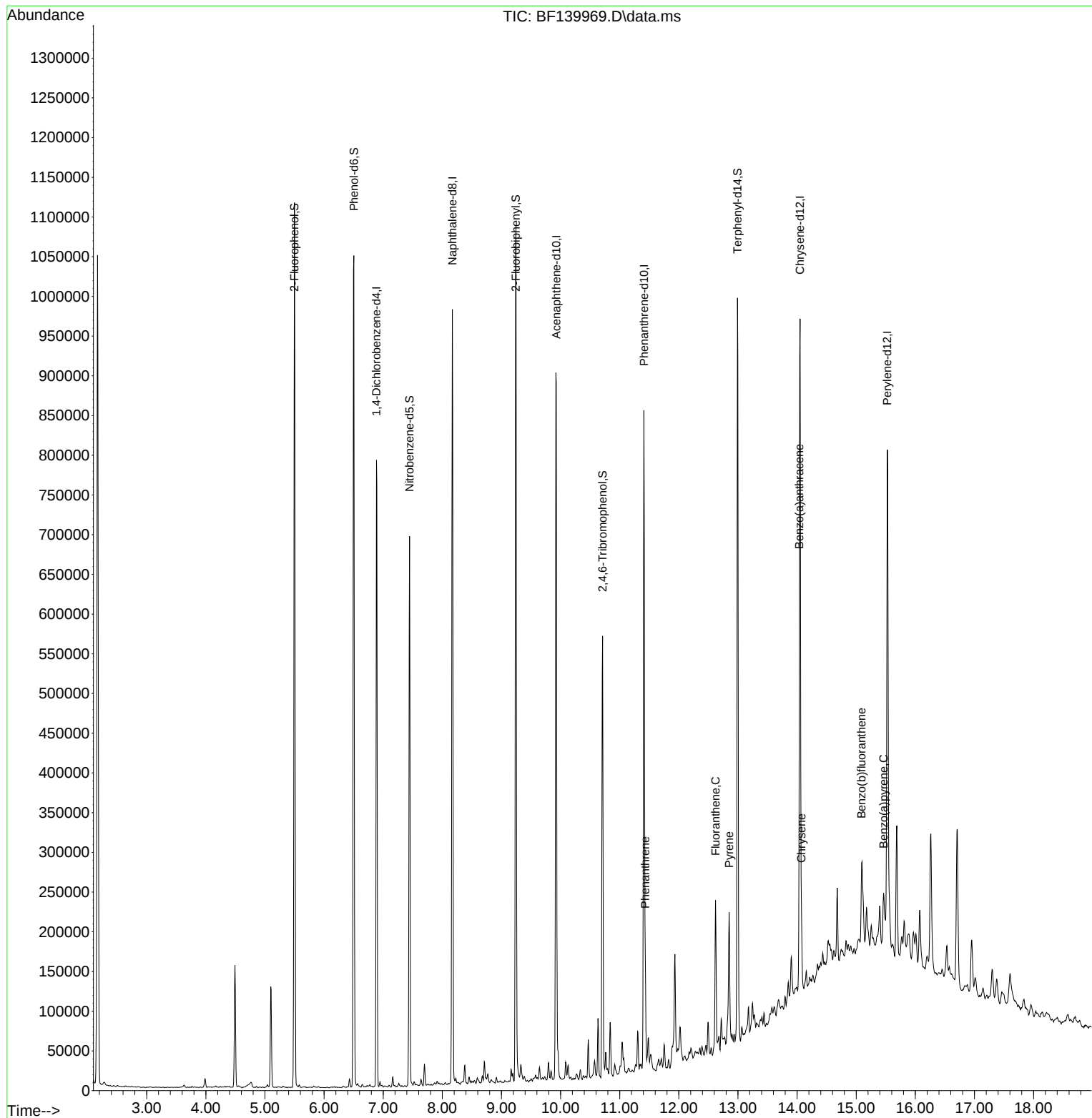
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139969.D
Acq On : 23 Oct 2024 17:30
Operator : RC/JU
Sample : P4458-01 2X
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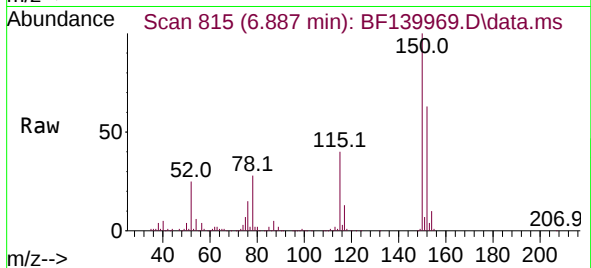
Quant Time: Oct 23 17:53:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

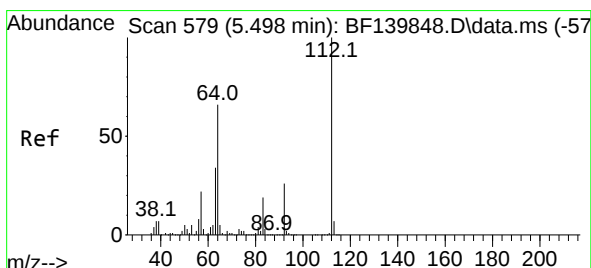
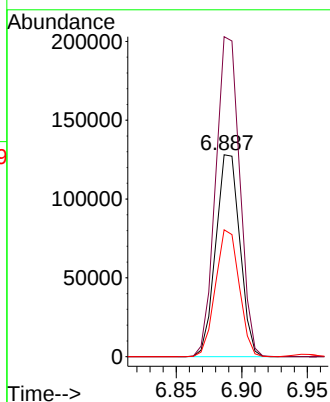
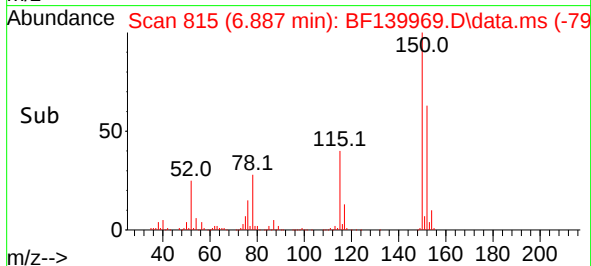
Instrument :
BNA_F
ClientSampleId :
280517



Tgt Ion:152 Resp: 16362
Ion Ratio Lower Upper
152 100
150 158.4 130.2 195.2
115 62.8 51.4 77.2

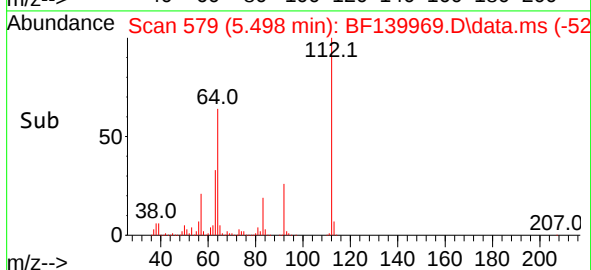
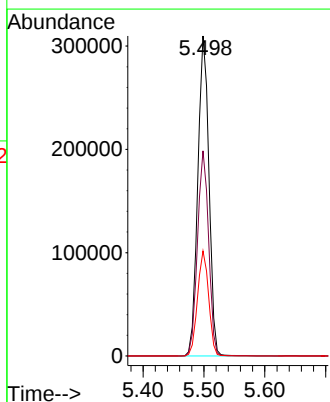
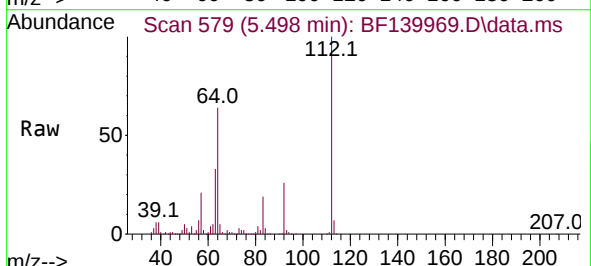
Manual Integrations
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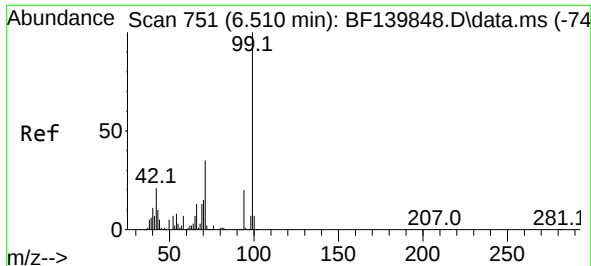
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#5
2-Fluorophenol
Concen: 37.738 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

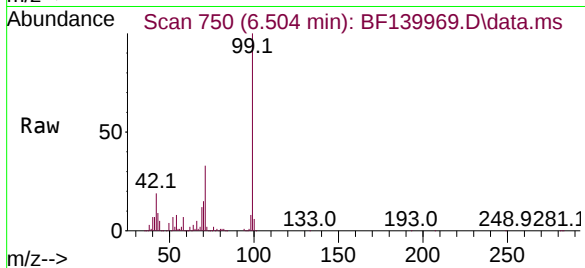
Tgt Ion:112 Resp: 394432
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 32.8 27.0 40.4





#7
Phenol-d6
Concen: 36.064 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

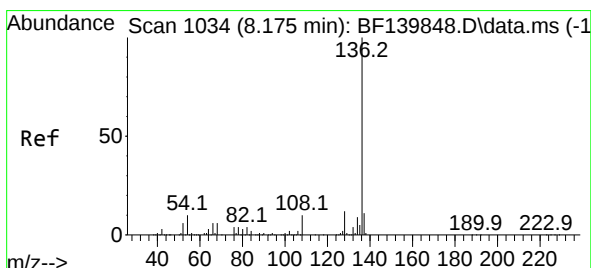
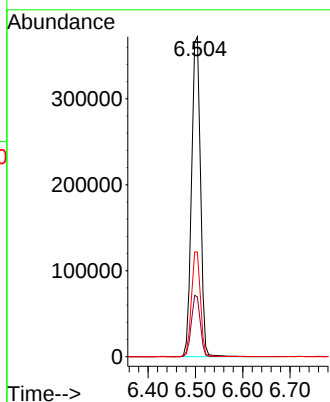
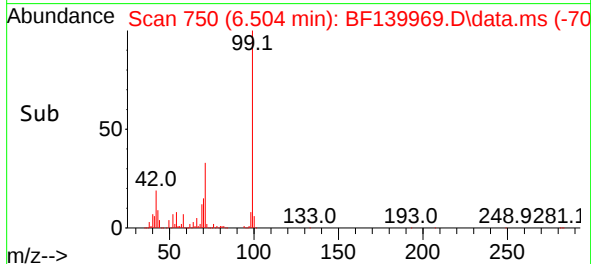
Instrument :
BNA_F
ClientSampleId :
280517



Tgt Ion: 99 Resp: 488190
Ion Ratio Lower Upper
99 100
42 18.7 16.7 25.1
71 32.7 27.7 41.5

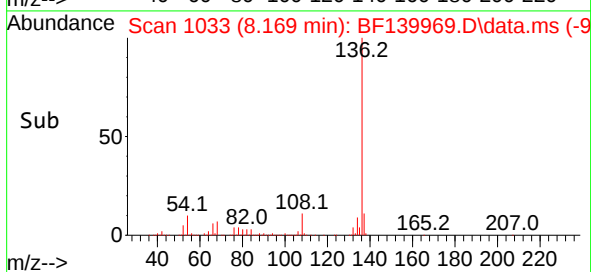
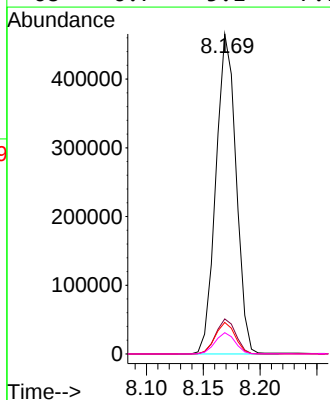
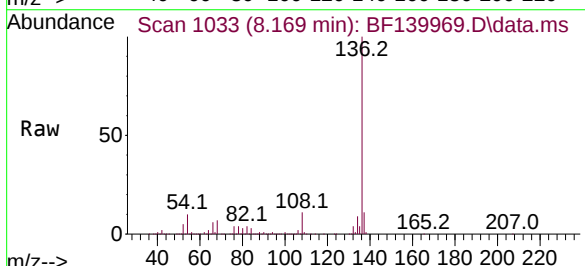
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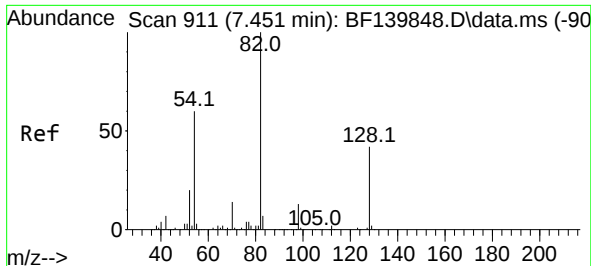
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

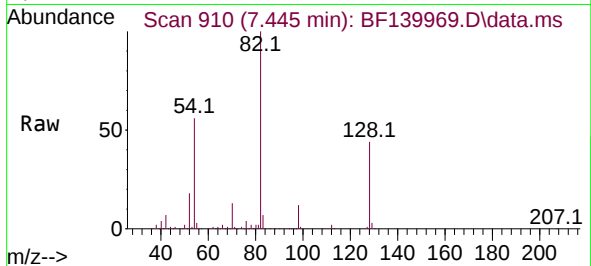
Tgt Ion:136 Resp: 576692
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.9 8.4 12.6
68 6.7 5.1 7.7





#23
Nitrobenzene-d5
Concen: 27.503 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

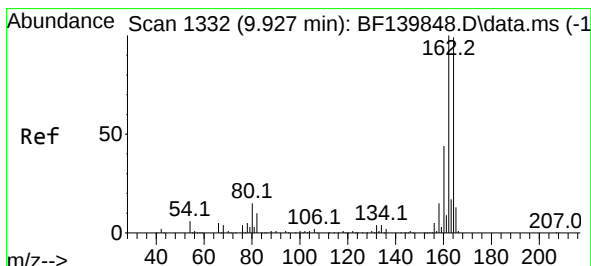
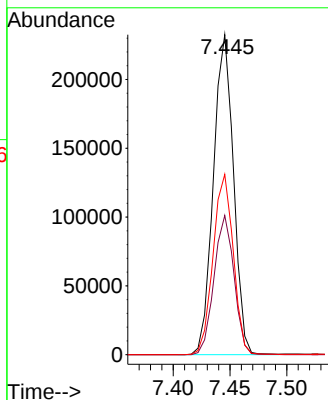
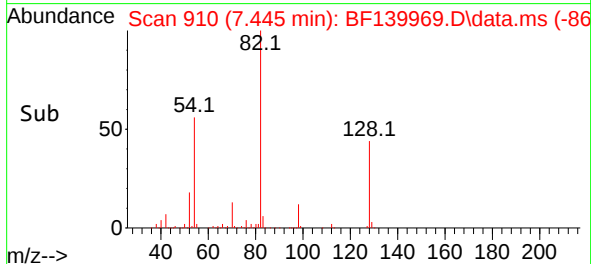
Instrument :
BNA_F
ClientSampleId :
280517



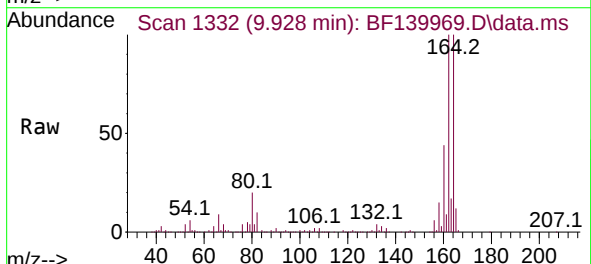
Tgt Ion: 82 Resp: 286172
Ion Ratio Lower Upper
82 100
128 43.5 33.4 50.0
54 56.3 47.8 71.8

Manual Integrations
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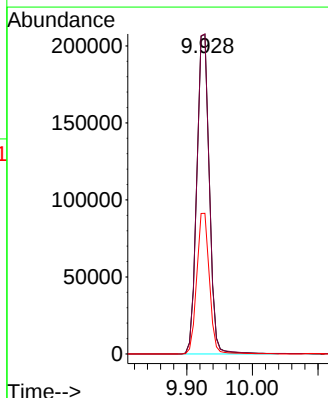
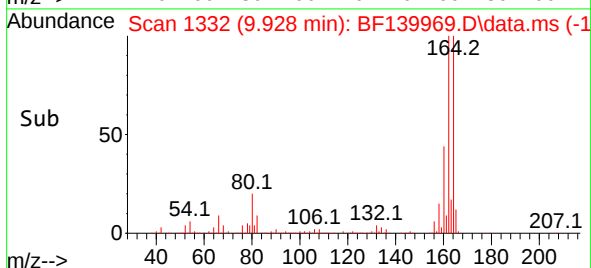
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30



Tgt Ion:164 Resp: 276883
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.0 35.4 53.0





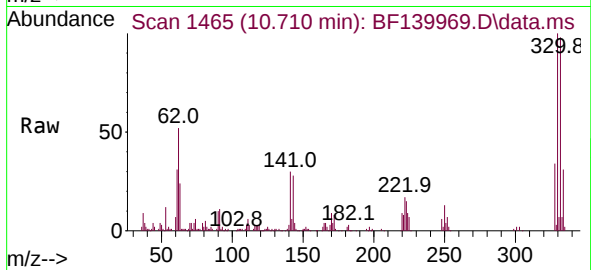
#42
2,4,6-Tribromophenol
Concen: 35.823 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

Instrument :

BNA_F

ClientSampleId :

280517



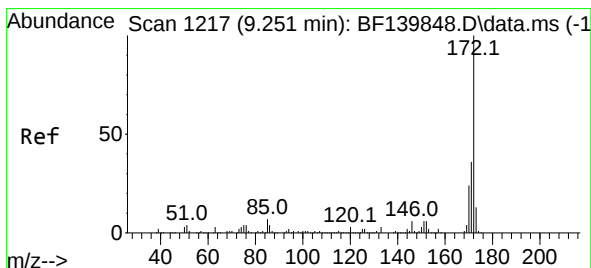
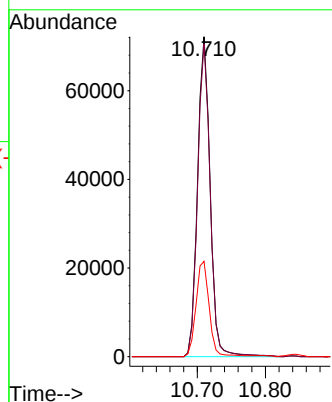
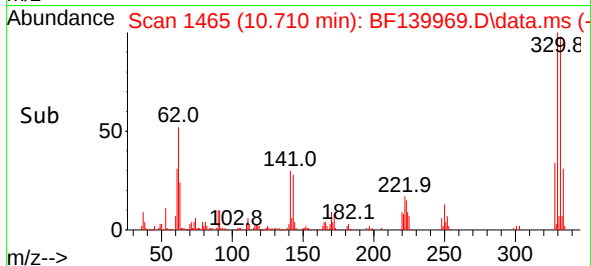
Tgt Ion:330 Resp: 92770
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 31.1 26.6 39.8

Manual Integrations

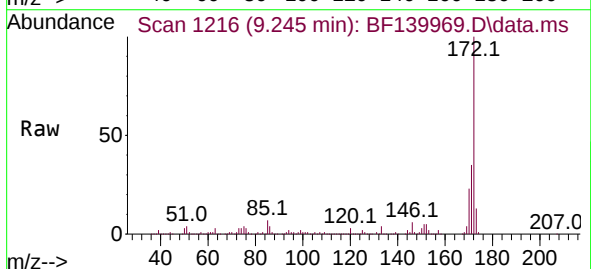
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Reviewed By :Yogesh Patel 10/24/2024

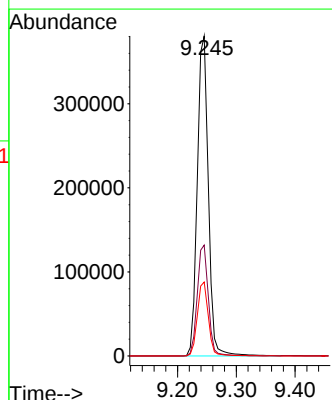
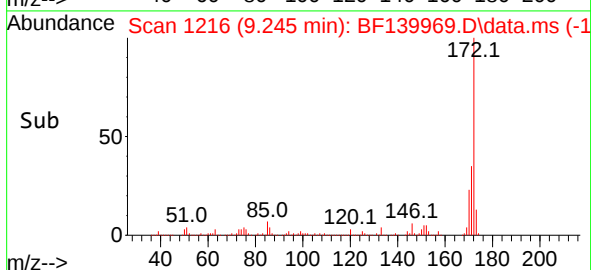
Supervised By :mohammad ahmed 10/25/2024

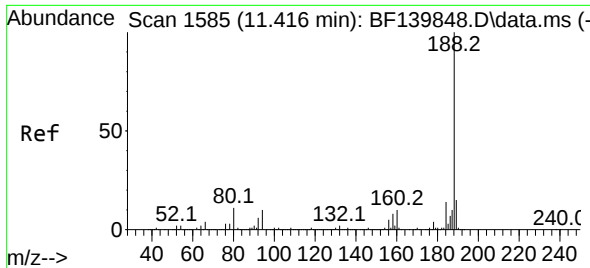


#45
2-Fluorobiphenyl
Concen: 29.624 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30



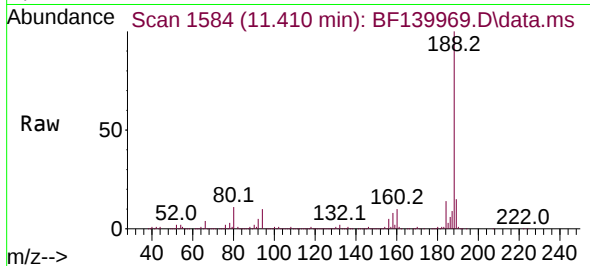
Tgt Ion:172 Resp: 496296
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.1 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

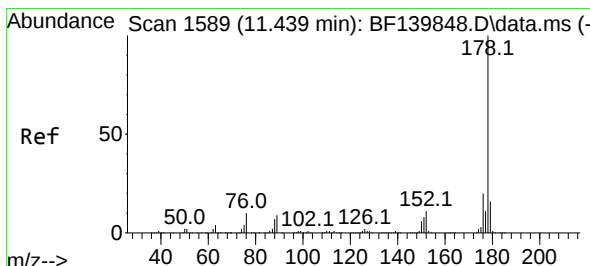
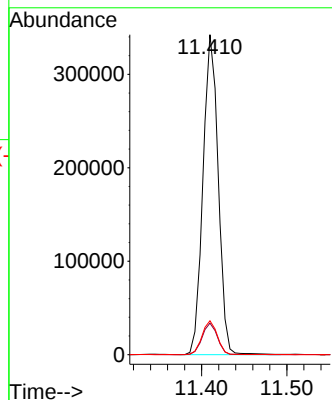
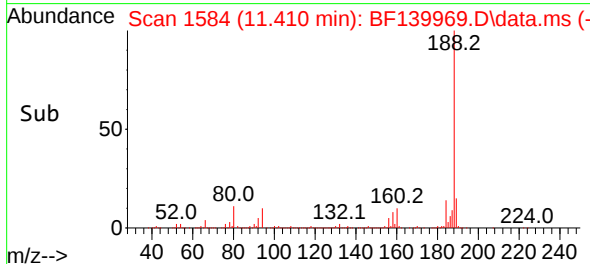
Instrument :
BNA_F
ClientSampleId :
280517



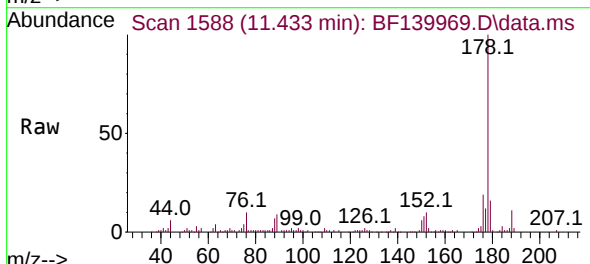
Tgt Ion:188 Resp: 42544
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.6 9.0 13.4

Manual Integrations
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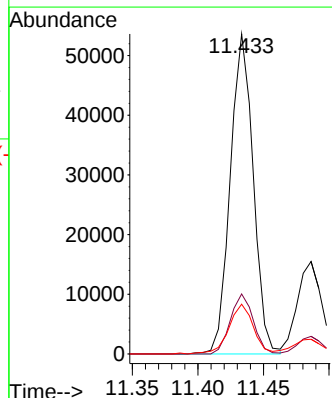
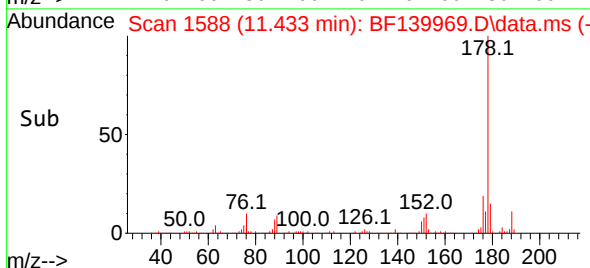
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

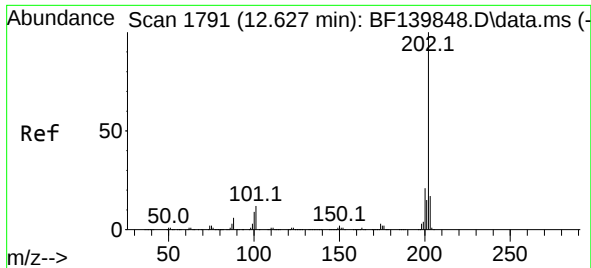


#71
Phenanthrene
Concen: 3.255 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30



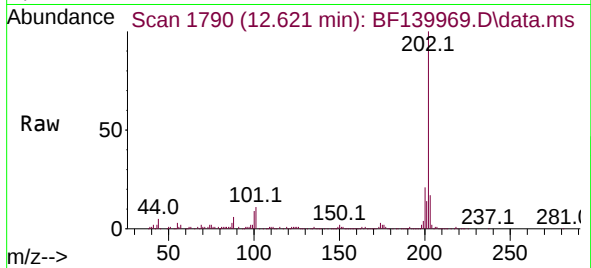
Tgt Ion:178 Resp: 65410
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.6
179 15.6 12.6 18.8





#75
Fluoranthene
Concen: 5.021 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

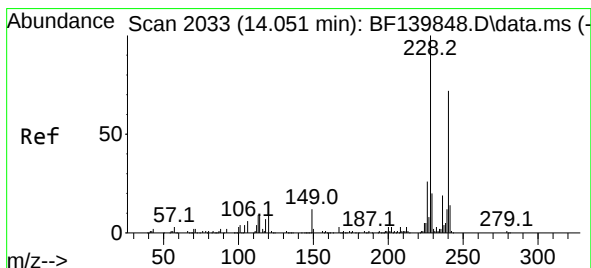
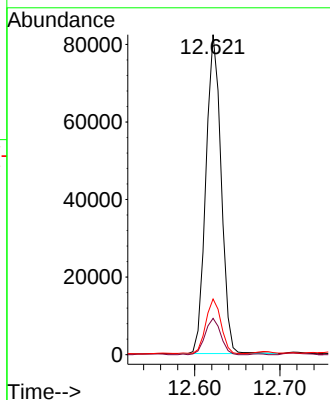
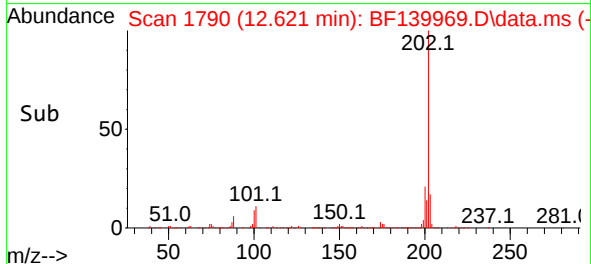
Instrument :
BNA_F
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280517



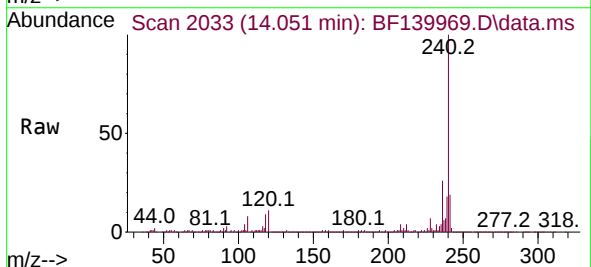
Tgt Ion:202 Resp: 10200
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.9
203 17.4 0.0 37.5

Manual Integrations
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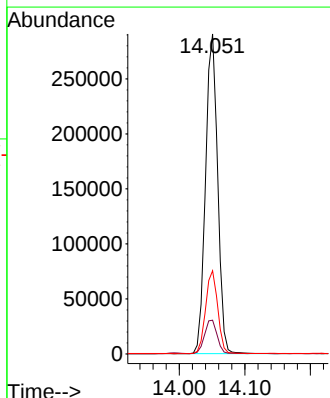
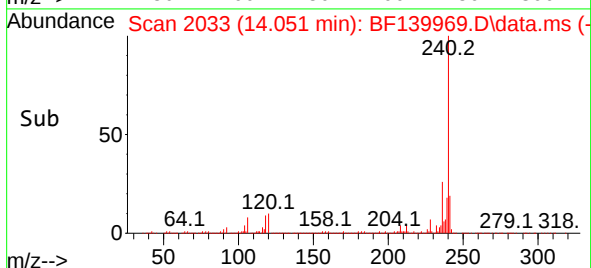
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

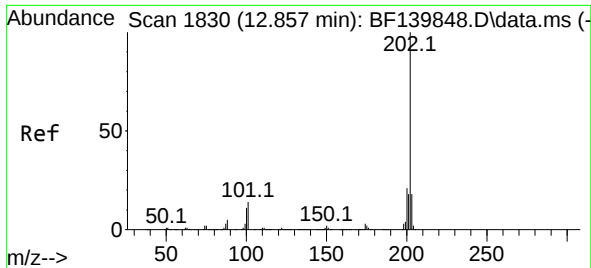


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30



Tgt Ion:240 Resp: 373812
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.0 20.9 31.3





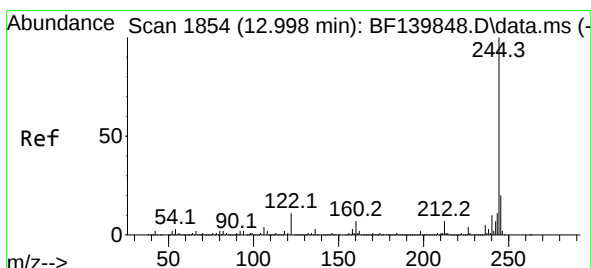
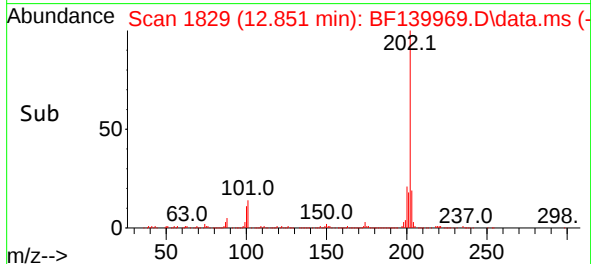
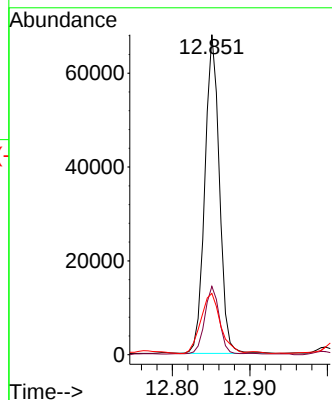
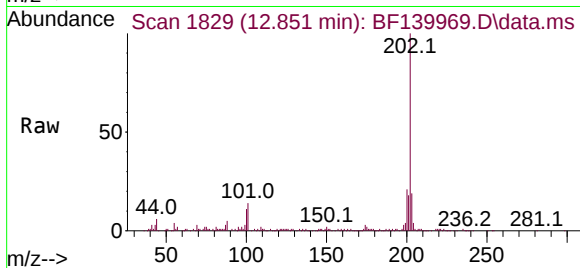
#78
Pyrene
Concen: 2.707 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

Instrument :
BNA_F
ClientSampleId :
280517

Tgt Ion:202 Resp: 88564
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 19.2 14.2 21.4

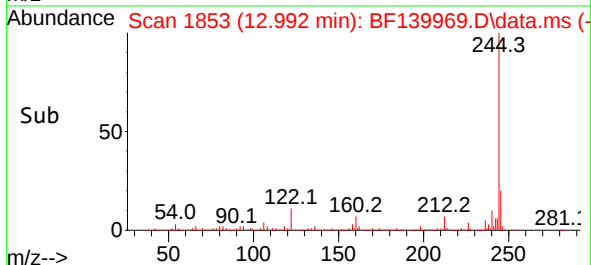
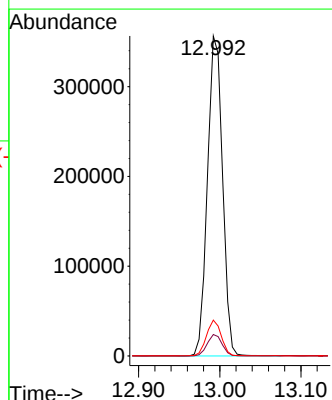
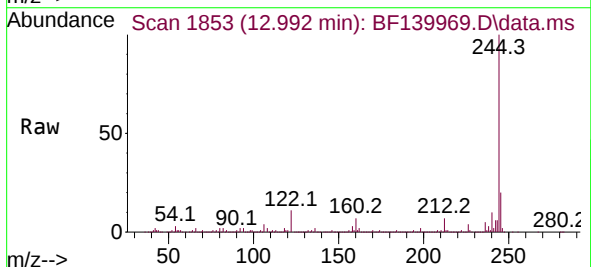
Manual Integrations
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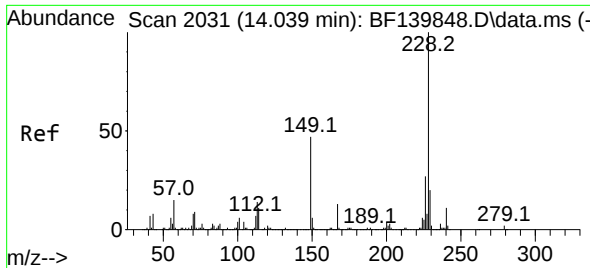
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#79
Terphenyl-d14
Concen: 20.024 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

Tgt Ion:244 Resp: 459372
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 11.2 8.6 13.0





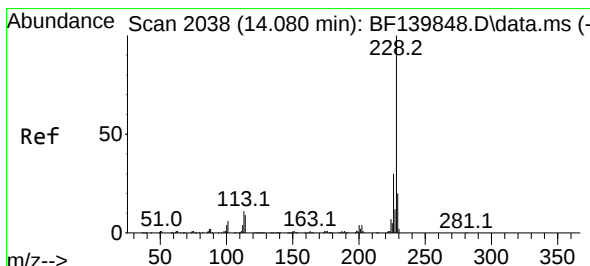
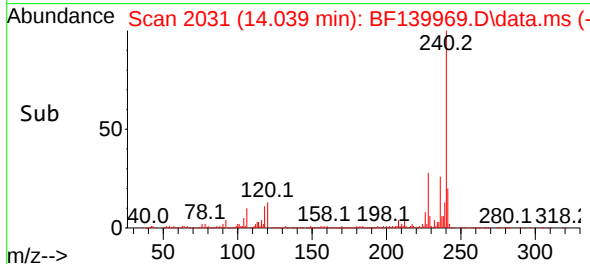
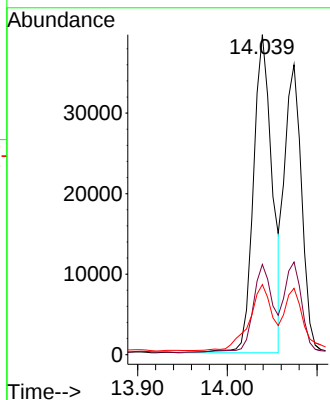
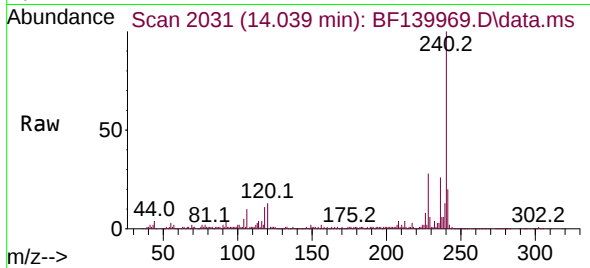
#81
Benzo(a)anthracene
Concen: 2.367 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

Instrument :
BNA_F
ClientSampleId :
280517

Tgt Ion:228 Resp: 5759
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 21.9 16.1 24.1

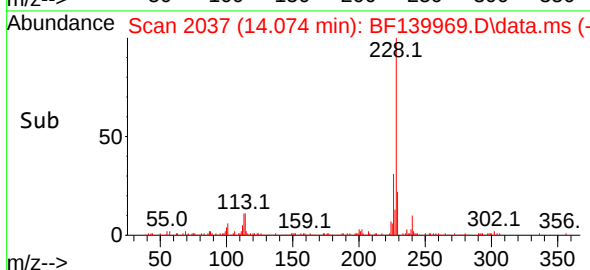
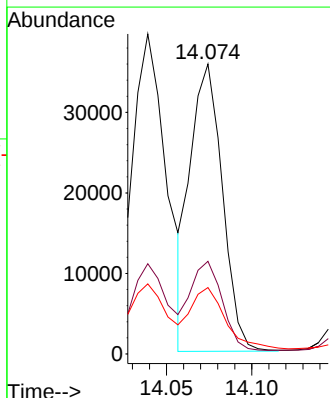
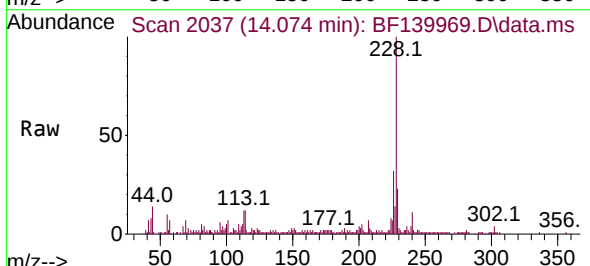
Manual Integrations
APPROVED

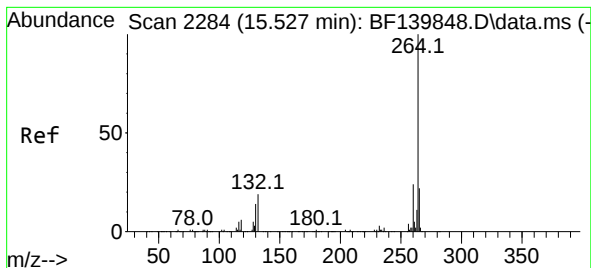
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#83
Chrysene
Concen: 2.089 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

Tgt Ion:228 Resp: 46602
Ion Ratio Lower Upper
228 100
226 32.0 24.1 36.1
229 22.9 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BF139969.D

Acq: 23 Oct 2024 17:30

Instrument :

BNA_F

ClientSampleId :

280517

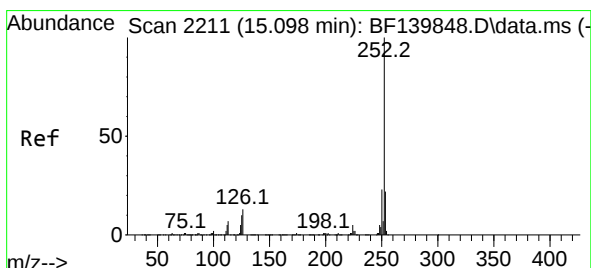
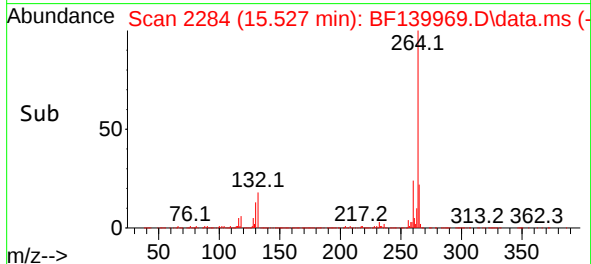
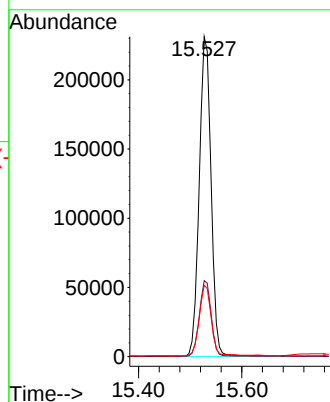
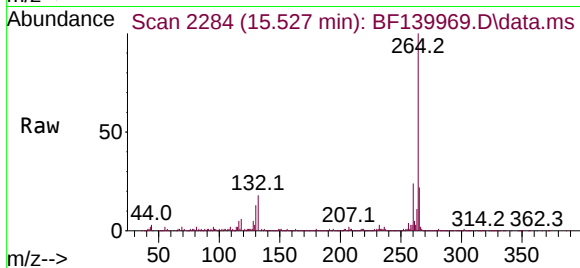
Tgt Ion:	264	Resp:	36581
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.2
265	22.3	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#88

Benzo(b)fluoranthene

Concen: 2.729 ng m

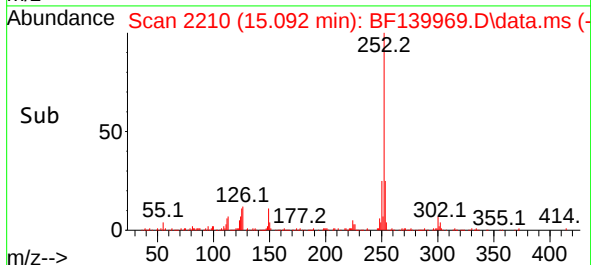
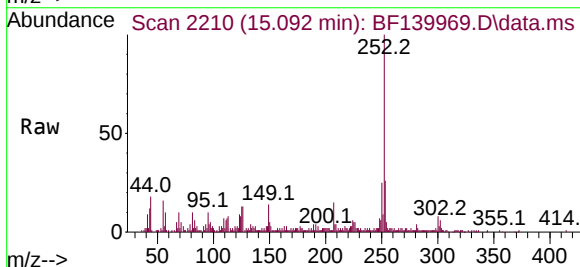
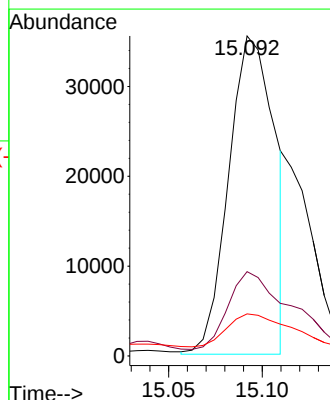
RT: 15.092 min Scan# 2210

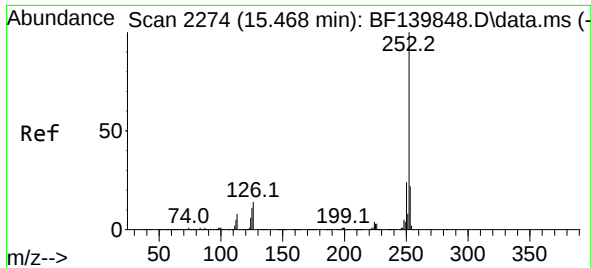
Delta R.T. -0.006 min

Lab File: BF139969.D

Acq: 23 Oct 2024 17:30

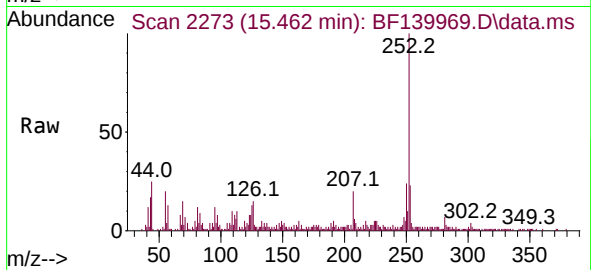
Tgt Ion:	252	Resp:	60812
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.6	26.4
125	13.1	7.9	11.9





#90
Benzo(a)pyrene
Concen: 2.212 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139969.D
Acq: 23 Oct 2024 17:30

Instrument :
BNA_F
ClientSampleId :
280517



Tgt Ion:252 Resp: 4055
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 12.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

