

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
 Data File : BF139826.D
 Acq On : 16 Oct 2024 12:42
 Operator : RC/JU
 Sample : P4395-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLID

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 16 13:03:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	84185	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	307995	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159578	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	242858	20.000	ng	0.00
76) Chrysene-d12	14.010	240	170041	20.000	ng	0.00
86) Perylene-d12	15.474	264	180026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	452978	90.789	ng	0.00
7) Phenol-d6	6.487	99	575476	86.727	ng	0.00
23) Nitrobenzene-d5	7.416	82	363025	60.667	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	108460	80.588	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	589662	55.268	ng	0.00
79) Terphenyl-d14	12.951	244	383875	35.189	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	26224	2.261	ng	# 94
75) Fluoranthene	12.586	202	52390	4.787	ng	99
78) Pyrene	12.810	202	58730	3.513	ng	97
81) Benzo(a)anthracene	13.998	228	33903	3.002	ng	# 82
83) Chrysene	14.033	228	33560	3.260	ng	# 83
88) Benzo(b)fluoranthene	15.051	252	37474m	3.629	ng	
90) Benzo(a)pyrene	15.410	252	27001	2.994	ng	# 87

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

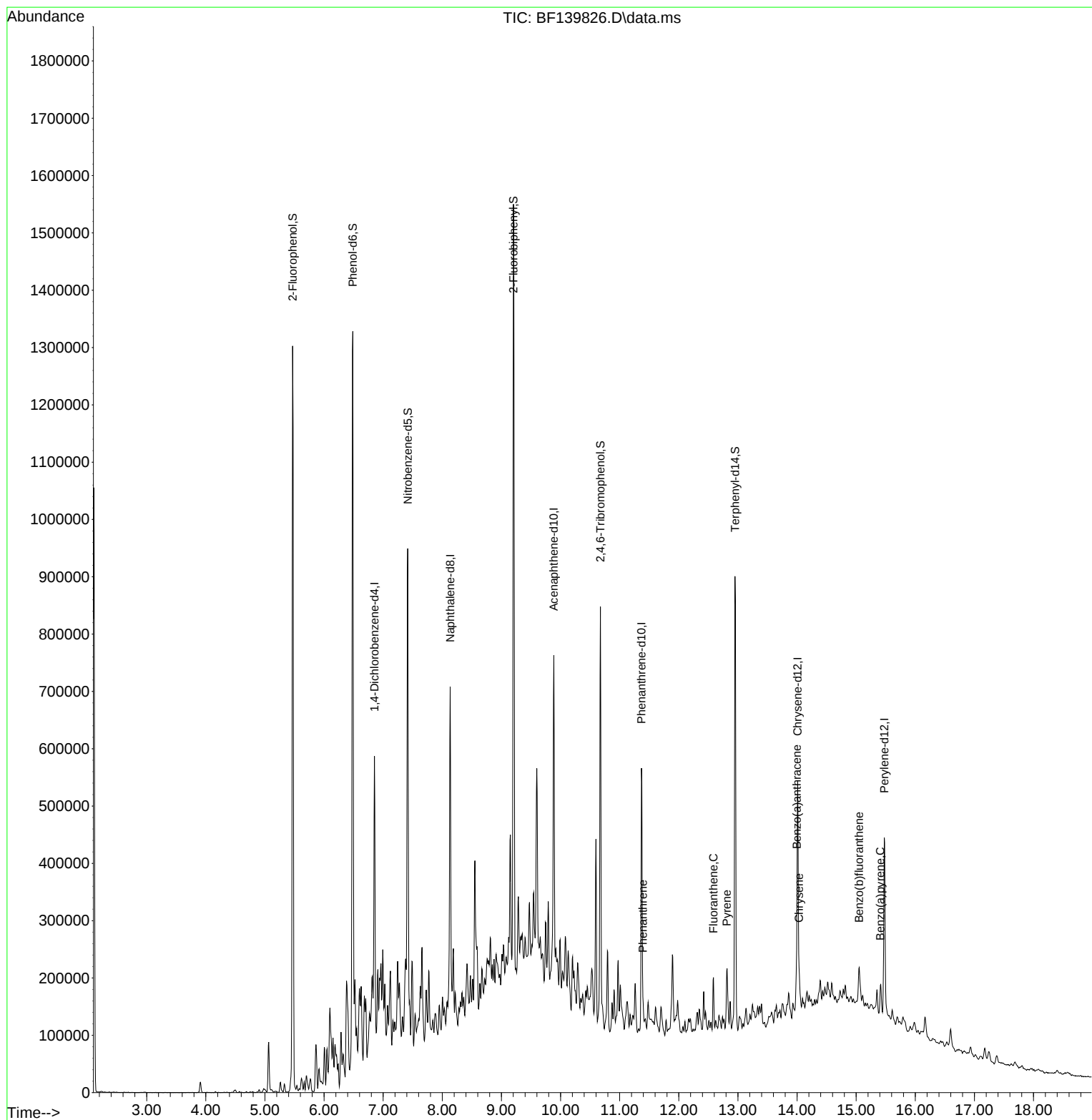
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
Data File : BF139826.D
Acq On : 16 Oct 2024 12:42
Operator : RC/JU
Sample : P4395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

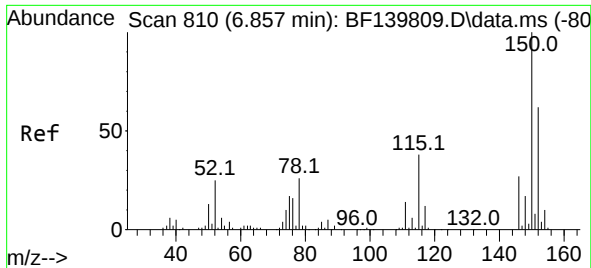
Instrument :
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F05308-SOLID

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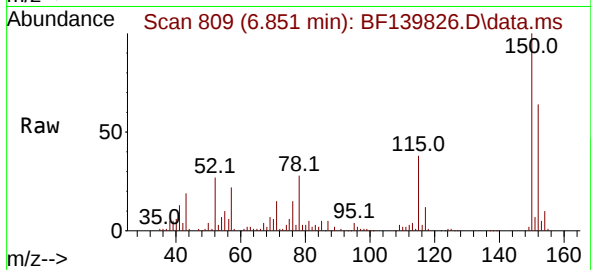
Quant Time: Oct 16 13:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 16:41:54 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

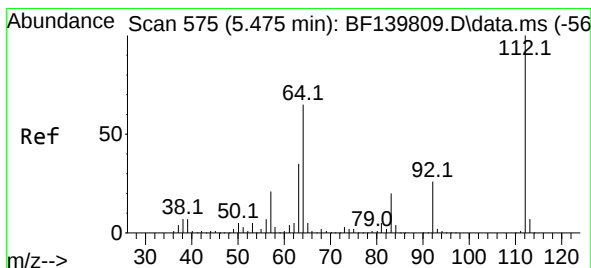
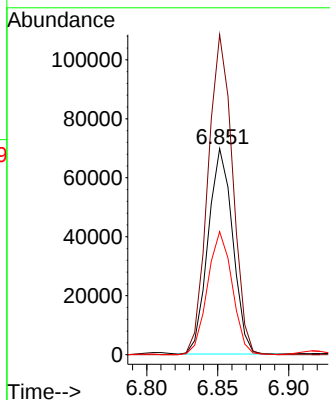
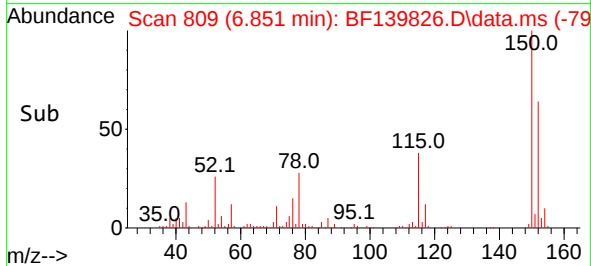
Instrument :
BNA_F
ClientSampleId :
F05308-SOLID



Tgt Ion:152 Resp: 84185
Ion Ratio Lower Upper
152 100
150 155.3 128.2 192.2
115 59.7 48.1 72.1

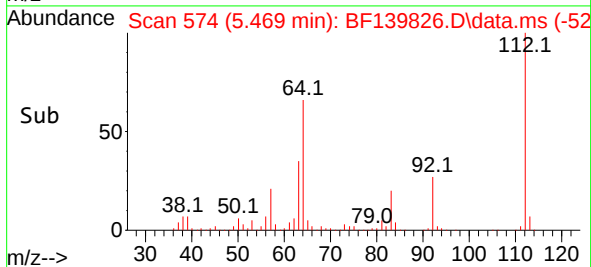
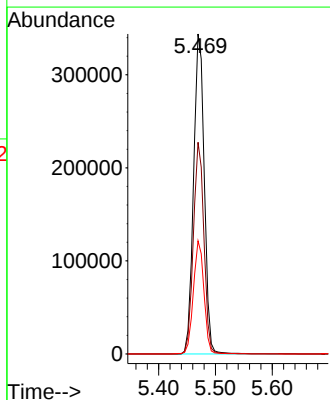
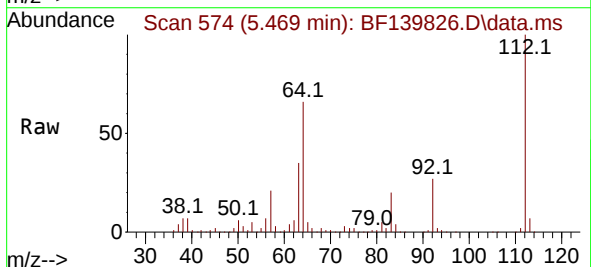
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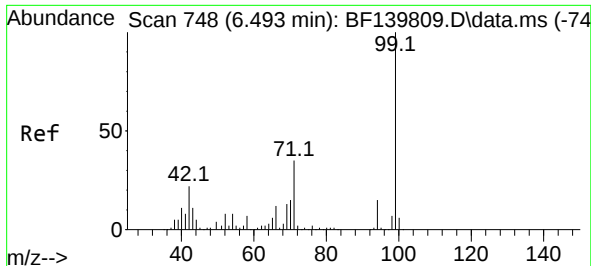
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#5
2-Fluorophenol
Concen: 90.789 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

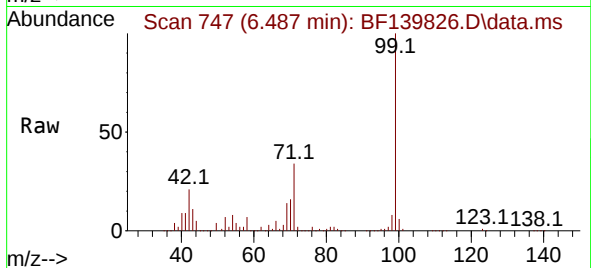
Tgt Ion:112 Resp: 452978
Ion Ratio Lower Upper
112 100
64 66.2 52.1 78.1
63 35.4 27.6 41.4





#7
Phenol-d6
Concen: 86.727 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

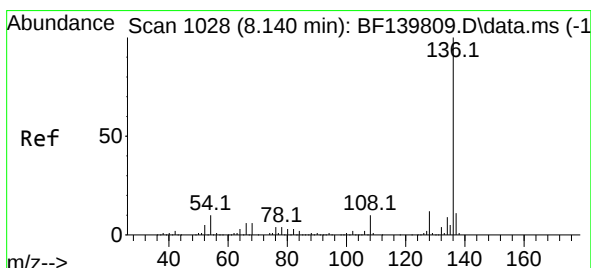
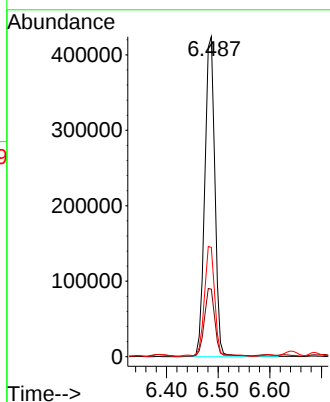
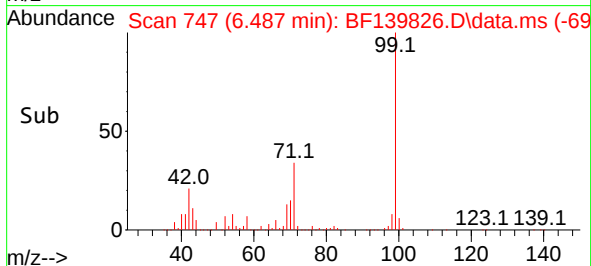
Instrument :
BNA_F
ClientSampleId :
F05308-SOLID



Tgt Ion: 99 Resp: 575470
Ion Ratio Lower Upper
99 100
42 21.1 17.3 25.9
71 34.2 27.8 41.6

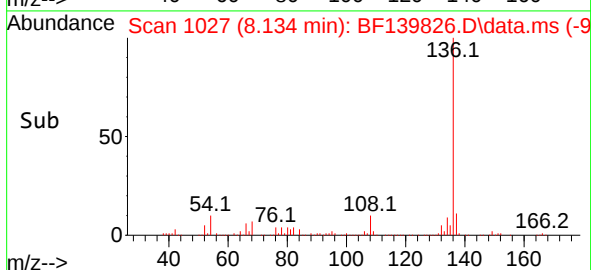
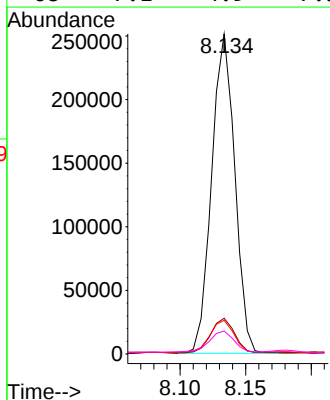
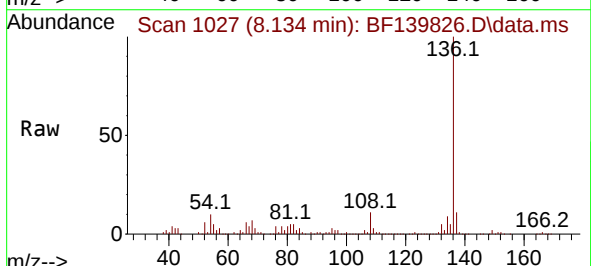
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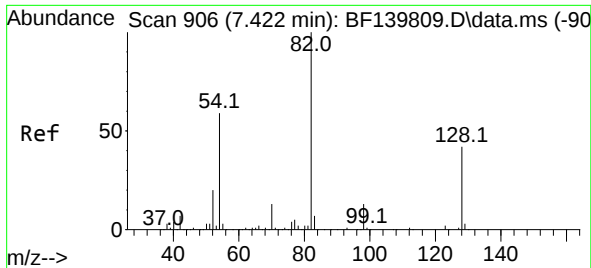
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

Tgt Ion:136 Resp: 307995
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.5 7.7 11.5
68 7.1 4.9 7.3





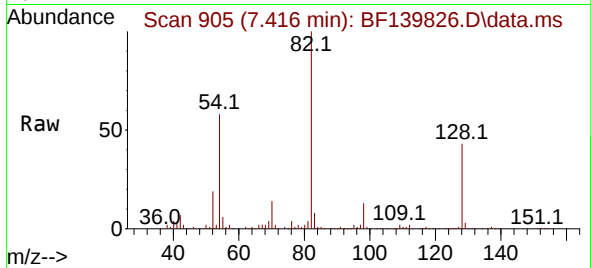
#23
Nitrobenzene-d5
Concen: 60.667 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

Instrument :

BNA_F

ClientSampleId :

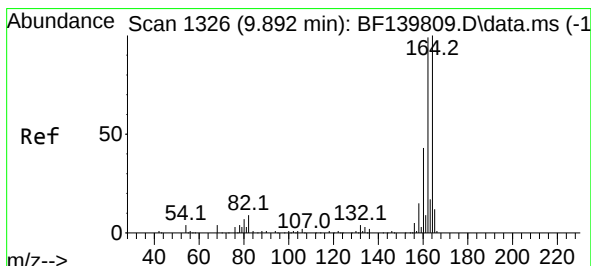
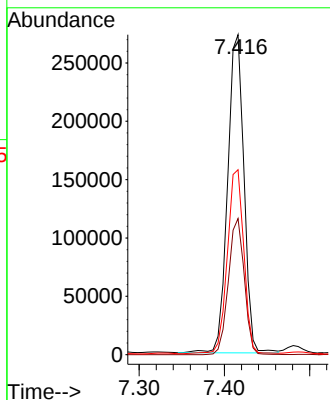
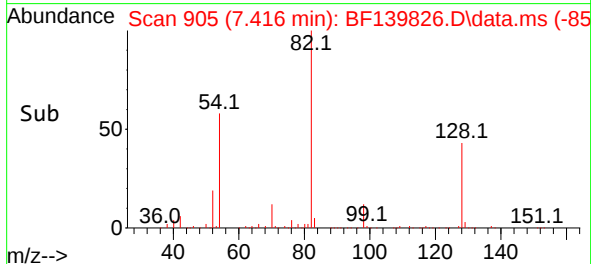
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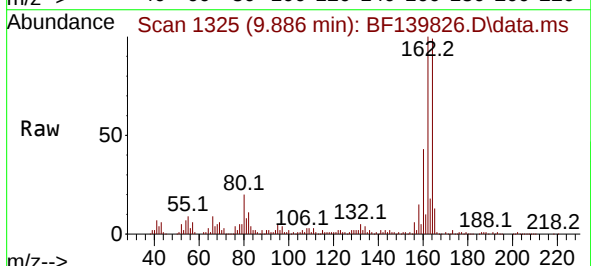
Tgt Ion: 82 Resp: 363025
Ion Ratio Lower Upper
82 100
128 42.5 33.9 50.9
54 57.8 46.9 70.3

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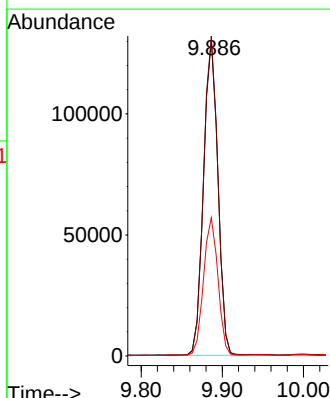
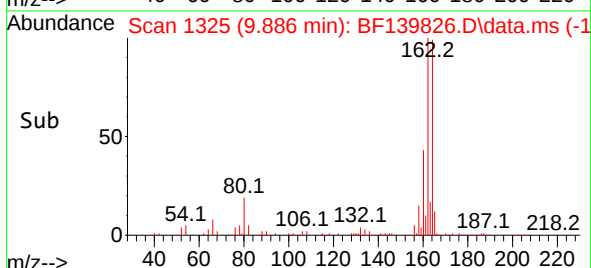
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

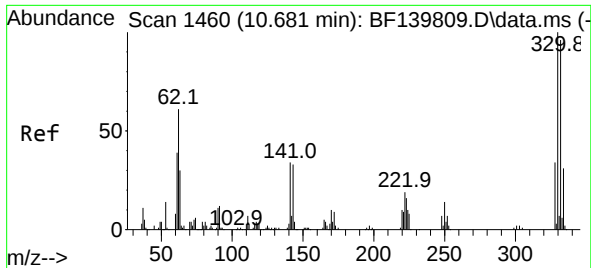


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42



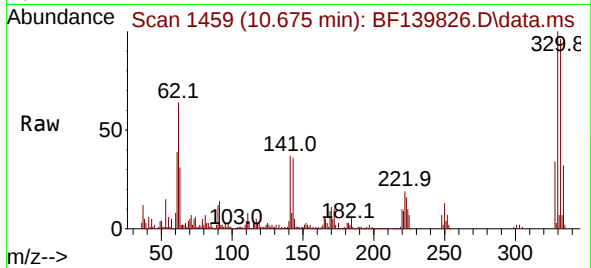
Tgt Ion:164 Resp: 159578
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 43.8 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 80.588 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

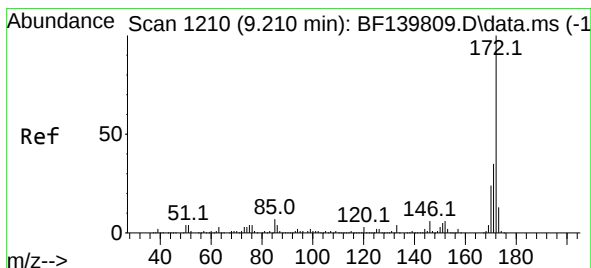
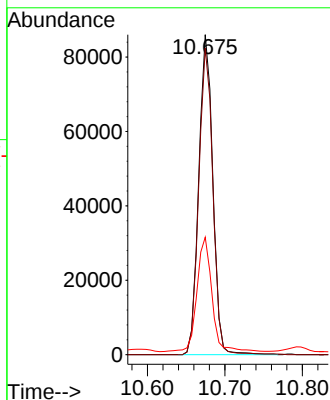
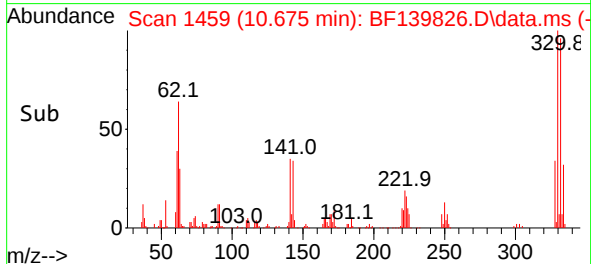
Instrument :
BNA_F
ClientSampleId :
F05308-SOLID



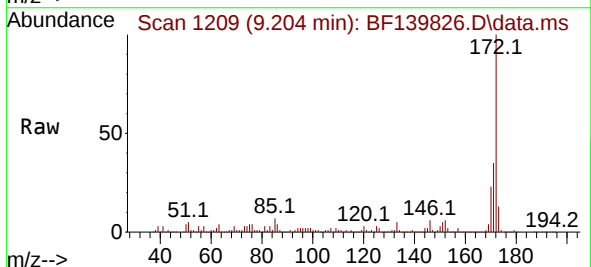
Tgt Ion: 330 Resp: 108460
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 37.9 27.8 41.6

Manual Integrations
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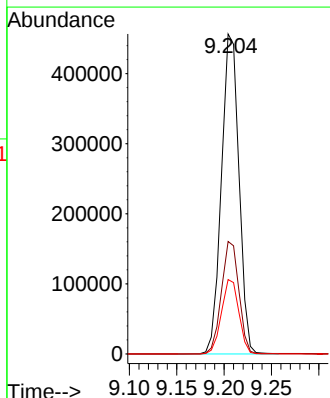
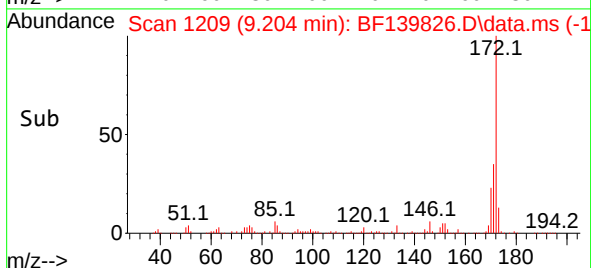
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

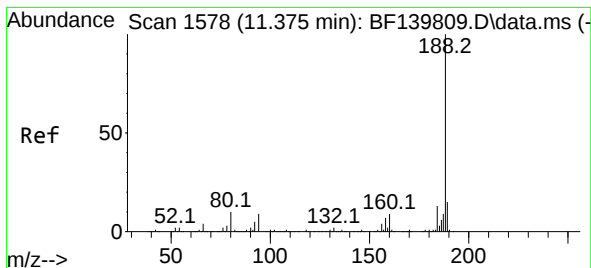


#45
2-Fluorobiphenyl
Concen: 55.268 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42



Tgt Ion: 172 Resp: 589662
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.2 18.9 28.3





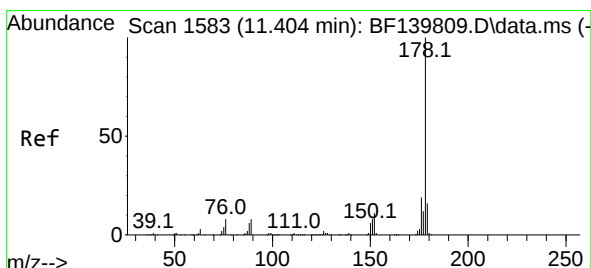
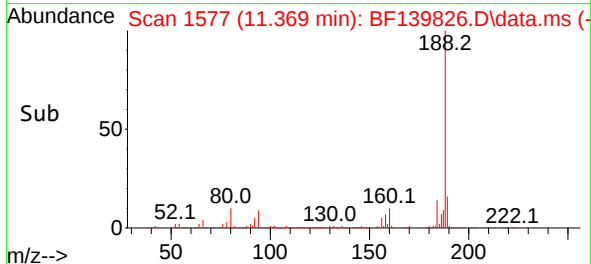
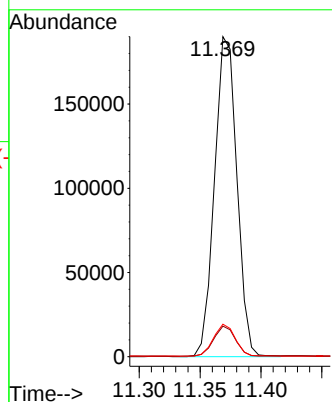
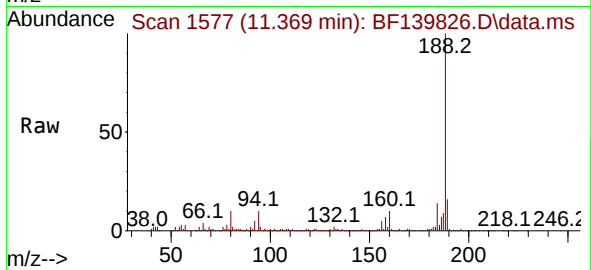
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

Instrument :
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ClientSampleId :
F05308-SOLID

Tgt Ion:188 Resp: 24285
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 10.1 7.8 11.8

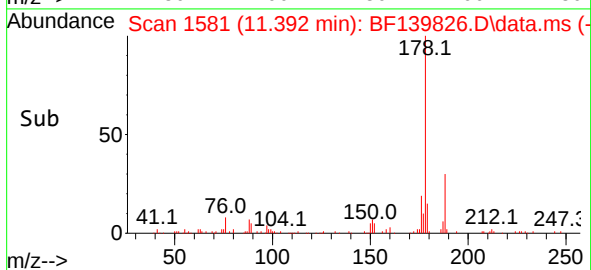
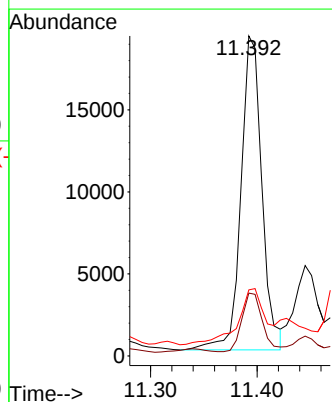
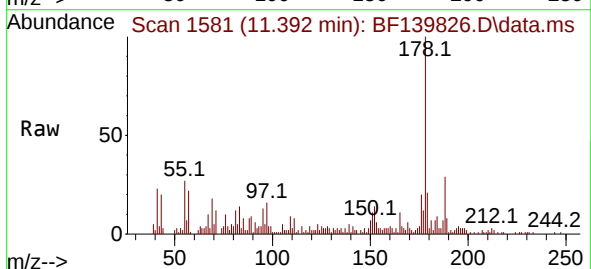
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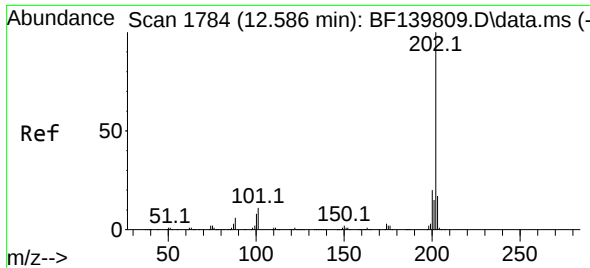
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#71
Phenanthrene
Concen: 2.261 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

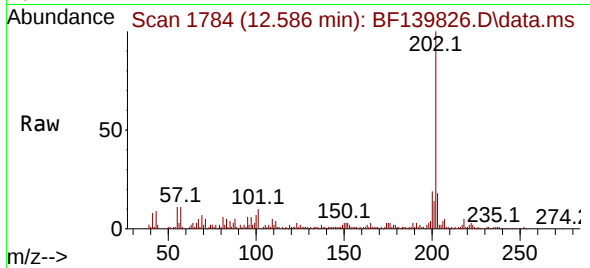
Tgt Ion:178 Resp: 26224
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 20.7 12.5 18.7#





#75
Fluoranthene
Concen: 4.787 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

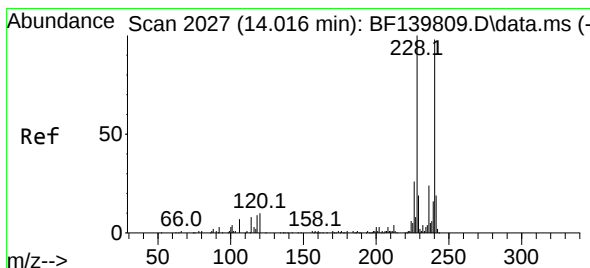
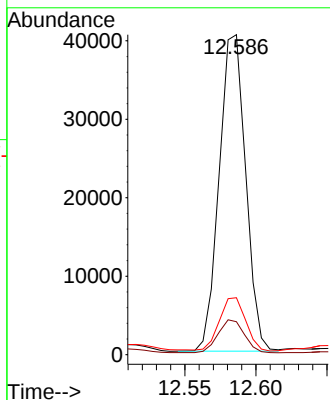
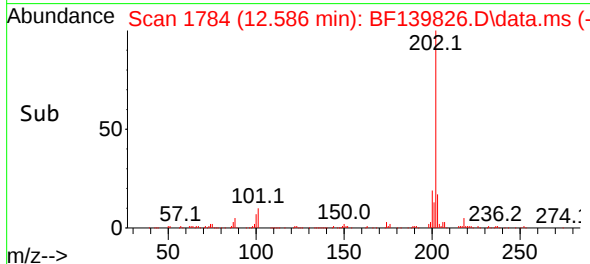
Instrument :
BNA_F
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F05308-SOLID



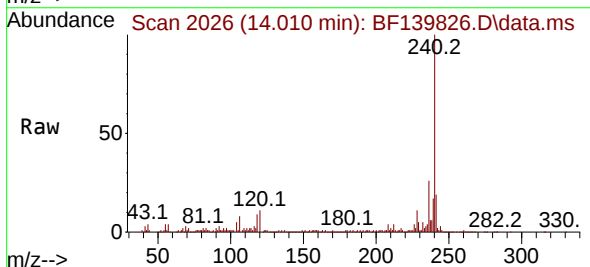
Tgt Ion:202 Resp: 52390
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.8
203 17.8 0.0 37.5

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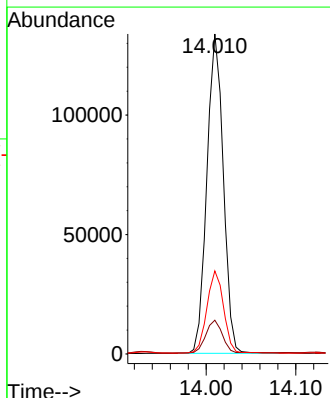
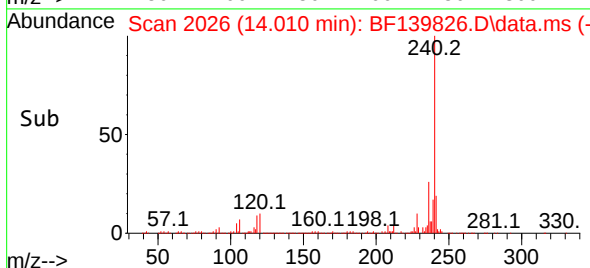
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

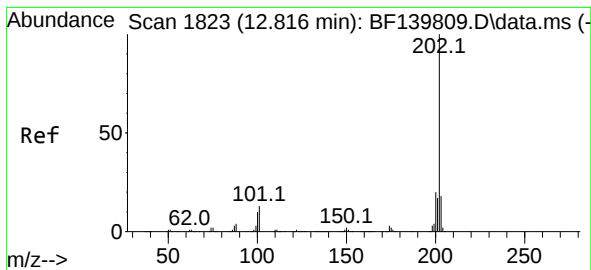


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42



Tgt Ion:240 Resp: 170041
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 26.0 20.0 30.0





#78

Pyrene

Concen: 3.513 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF139826.D

Acq: 16 Oct 2024 12:42

Instrument :

BNA_F

ClientSampleId :

F05308-SOLID

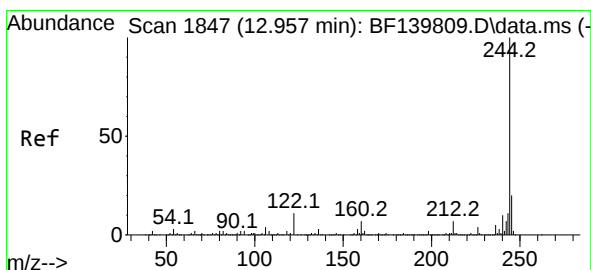
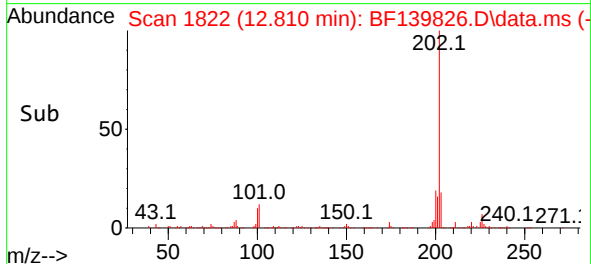
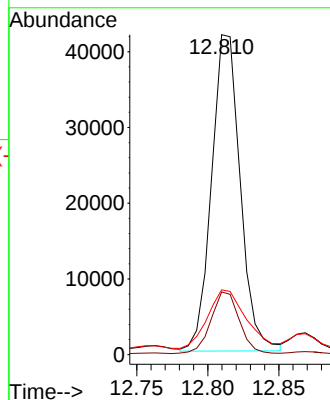
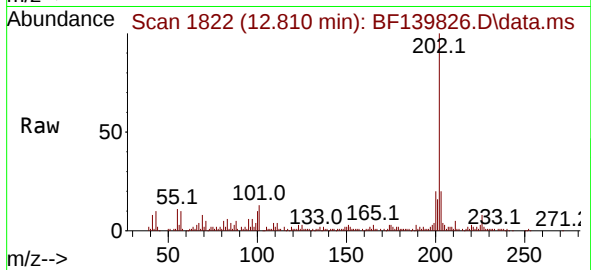
Tgt Ion:202	Resp: 58730
Ion Ratio	Lower Upper
202 100	
200 19.6	15.9 23.9
203 20.2	14.0 21.0

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2024



#79

Terphenyl-d14

Concen: 35.189 ng

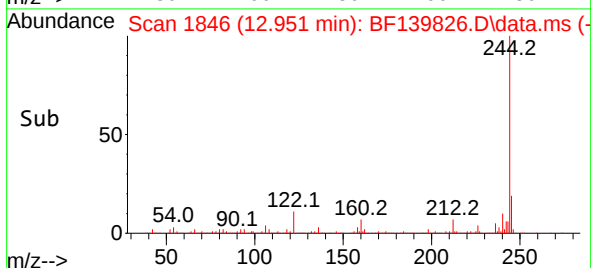
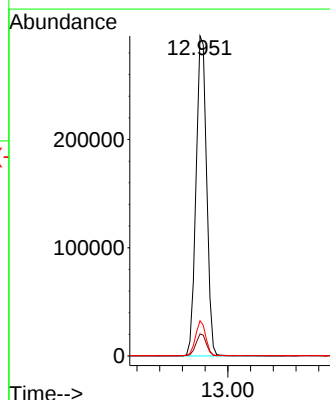
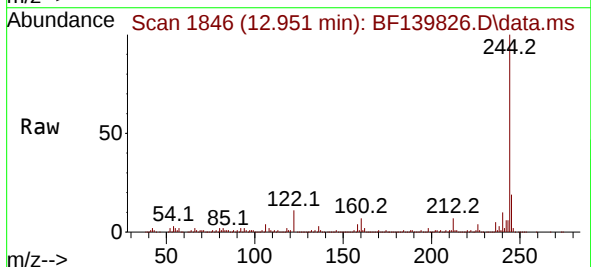
RT: 12.951 min Scan# 1846

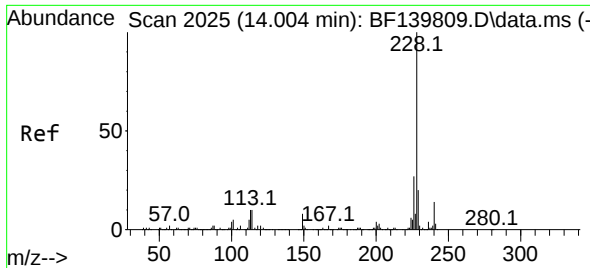
Delta R.T. -0.006 min

Lab File: BF139826.D

Acq: 16 Oct 2024 12:42

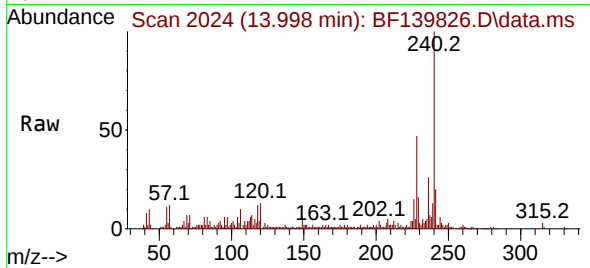
Tgt Ion:244	Resp: 383875
Ion Ratio	Lower Upper
244 100	
212 6.9	5.5 8.3
122 11.0	8.9 13.3





#81
Benzo(a)anthracene
Concen: 3.002 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

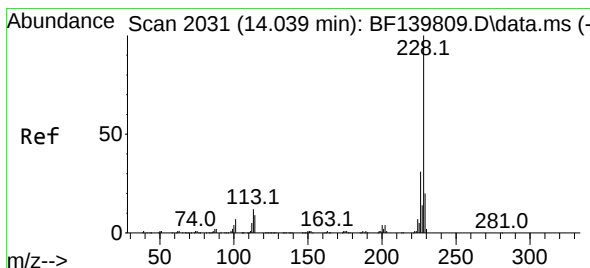
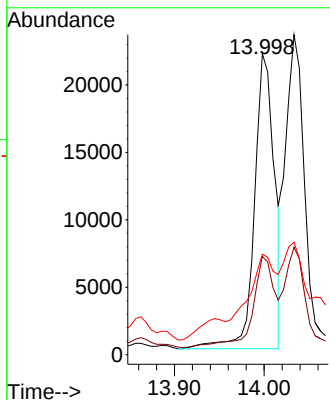
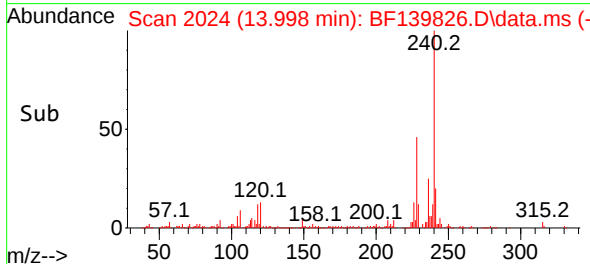
Instrument :
BNA_F
ClientSampleId :
F05308-SOLID



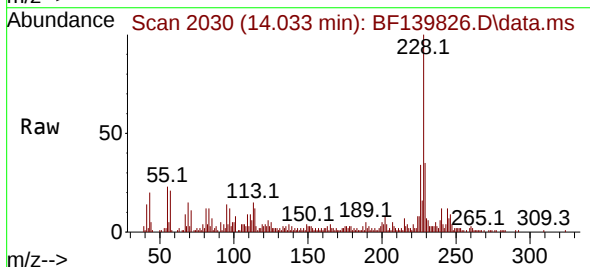
Tgt Ion:228 Resp: 3390
Ion Ratio Lower Upper
228 100
226 32.6 21.8 32.8
229 33.4 15.8 23.8

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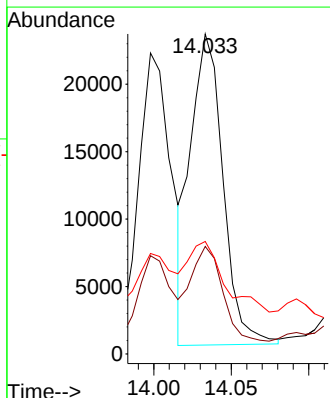
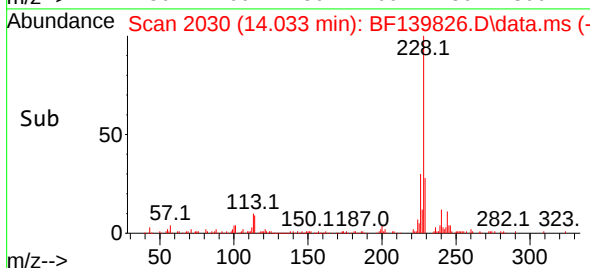
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

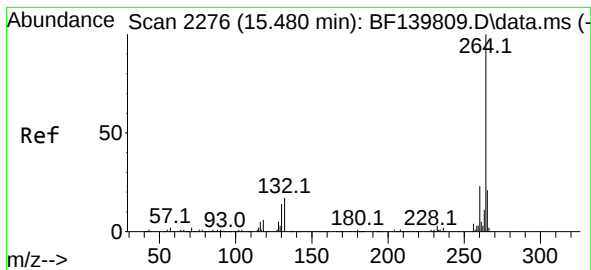


#83
Chrysene
Concen: 3.260 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42



Tgt Ion:228 Resp: 33560
Ion Ratio Lower Upper
228 100
226 33.6 24.1 36.1
229 35.1 15.8 23.6





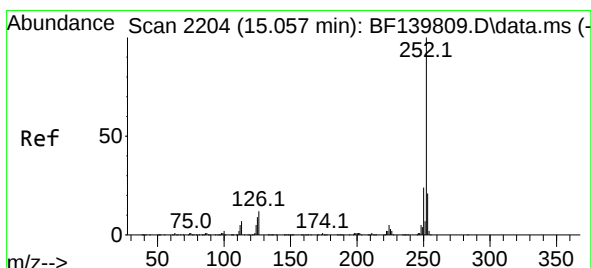
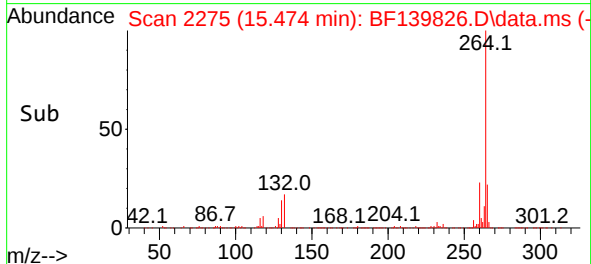
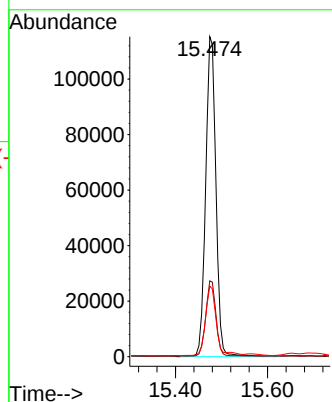
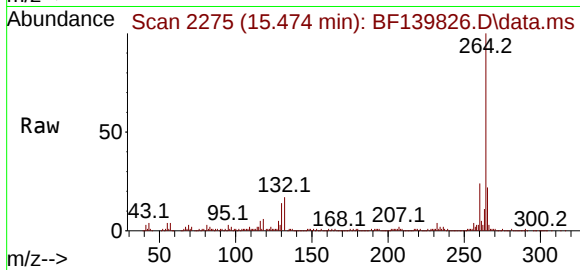
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID

Tgt Ion:264 Resp: 180020
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.1 17.2 25.8

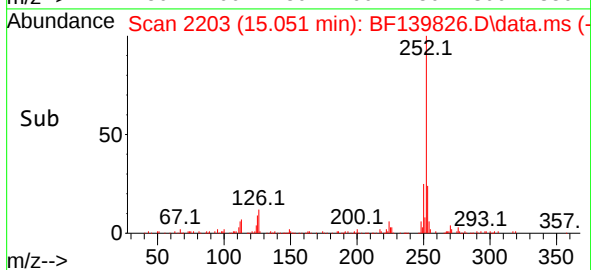
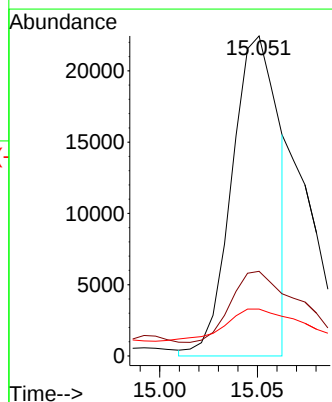
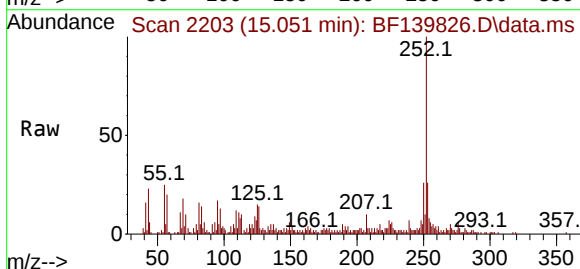
Manual Integrations
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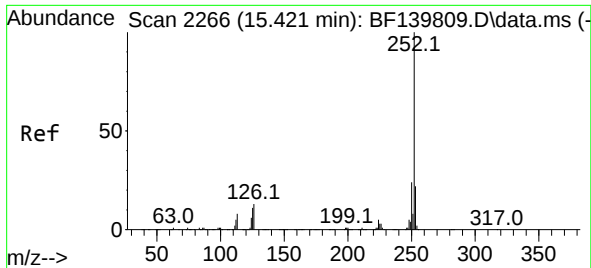
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#88
Benzo(b)fluoranthene
Concen: 3.629 ng m
RT: 15.051 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

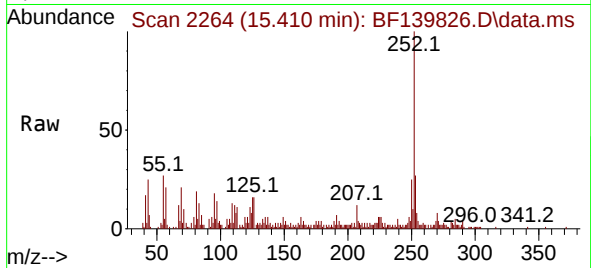
Tgt Ion:252 Resp: 37474
Ion Ratio Lower Upper
252 100
253 26.5 17.1 25.7#
125 14.6 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.994 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139826.D
Acq: 16 Oct 2024 12:42

Instrument :
BNA_F
ClientSampleId :
F05308-SOLID



Tgt Ion:252 Resp: 2700
Ion Ratio Lower Upper
252 100
253 27.2 17.4 26.0
125 16.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

