

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140558.D
 Acq On : 22 Nov 2024 01:21
 Operator : RC/JU
 Sample : P4916-05RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WCRE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 03:25:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	66800	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	248392	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	126089	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	195894	20.000	ng	0.00
76) Chrysene-d12	14.045	240	118681	20.000	ng	0.00
86) Perylene-d12	15.539	264	91198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	276821	70.706	ng	0.00
7) Phenol-d6	6.504	99	348630	67.357	ng	-0.01
23) Nitrobenzene-d5	7.428	82	230460	47.458	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	76209	56.513	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	435645	51.478	ng	0.00
79) Terphenyl-d14	12.980	244	355074	46.587	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	28271	3.002	ng	99
75) Fluoranthene	12.616	202	66992	6.553	ng	98
78) Pyrene	12.845	202	69810	6.362	ng	98
81) Benzo(a)anthracene	14.033	228	25224	3.211	ng	# 89
83) Chrysene	14.068	228	31625	4.402	ng	# 92
88) Benzo(b)fluoranthene	15.104	252	25928m	4.526	ng	
90) Benzo(a)pyrene	15.474	252	16326	3.505	ng	# 78
92) Benzo(g,h,i)perylene	17.503	276	11192	2.253	ng	# 87

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

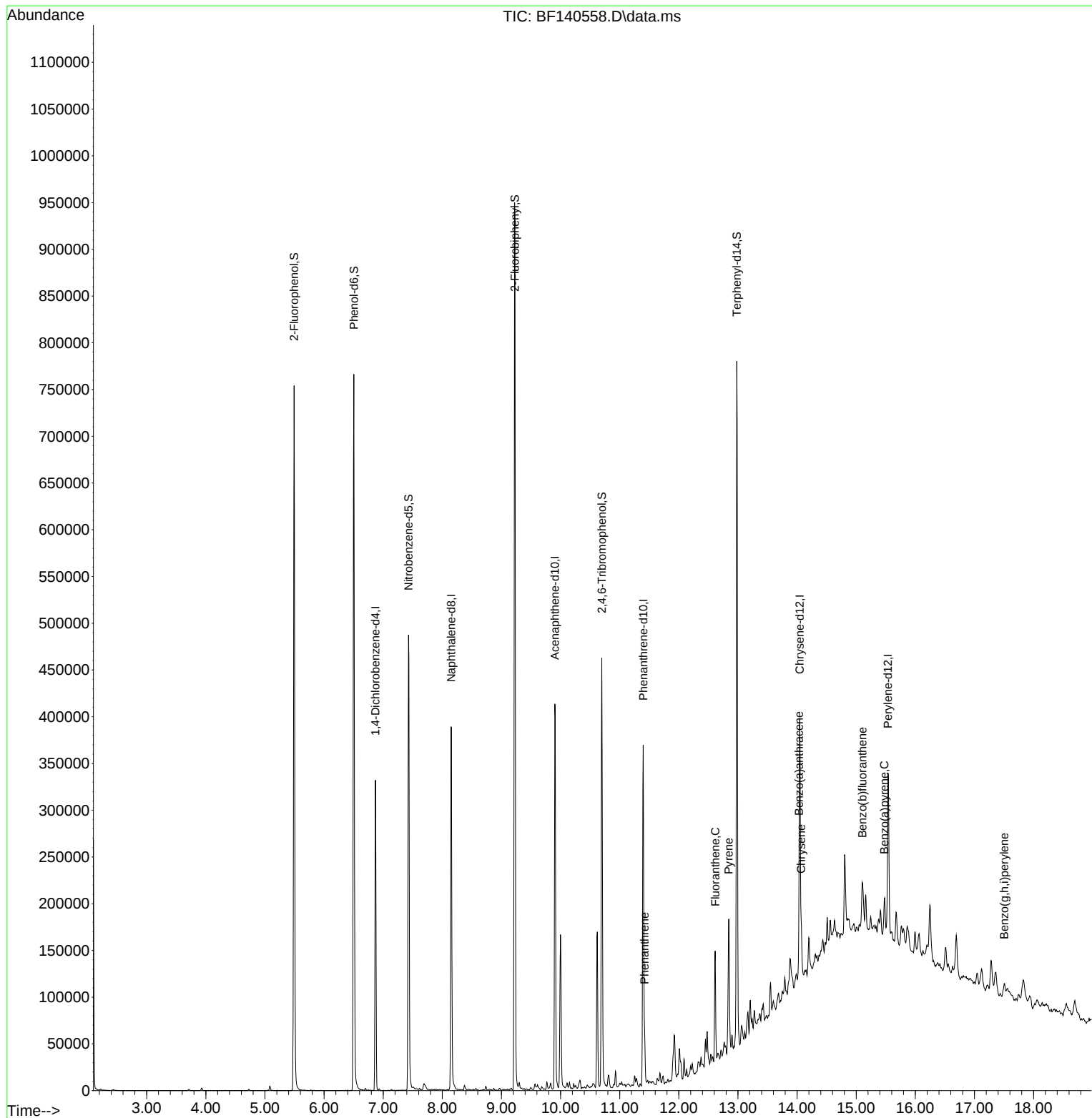
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140558.D
Acq On : 22 Nov 2024 01:21
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Supervised By :mohammad ahmed 11/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

Instrument :

BNA_F

ClientSampleId :

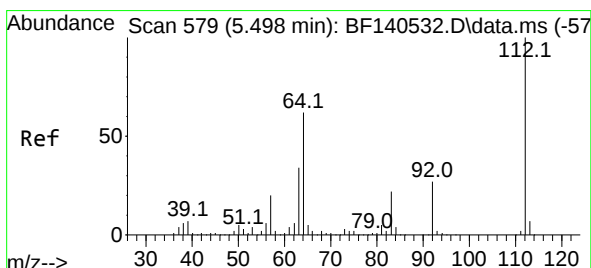
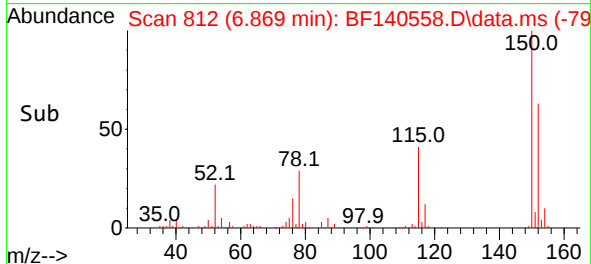
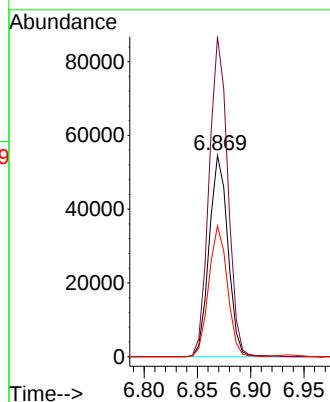
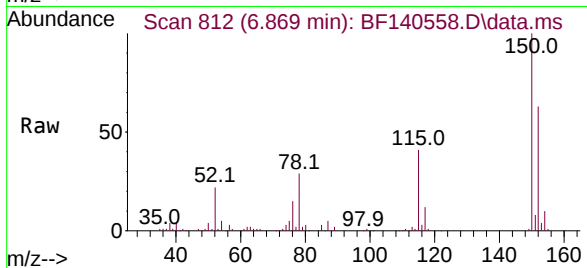
TP-2-WCRE

Tgt Ion:152 Resp: 66800
Ion Ratio Lower Upper
152 100
150 158.9 128.5 192.7
115 65.0 50.2 75.4

Manual Integrations

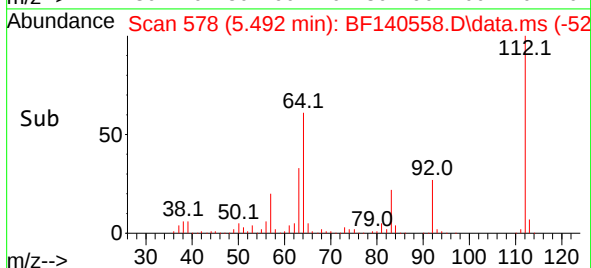
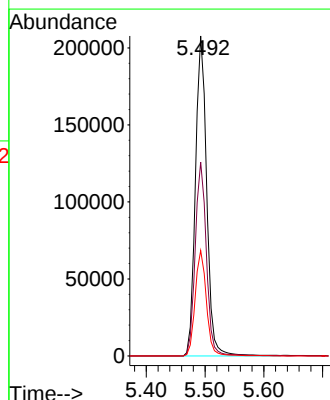
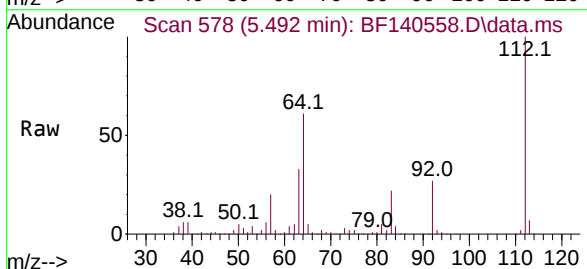
APPROVED

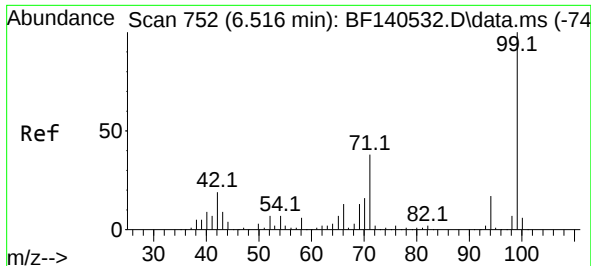
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#5
2-Fluorophenol
Concen: 70.706 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

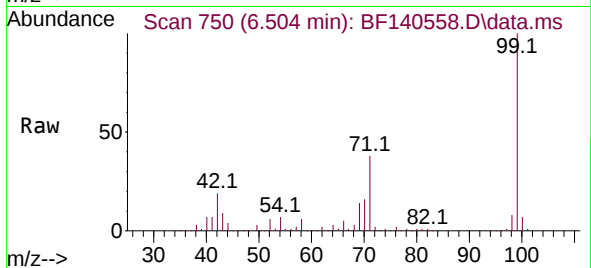
Tgt Ion:112 Resp: 276821
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 32.9 27.0 40.4





#7
Phenol-d6
Concen: 67.357 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

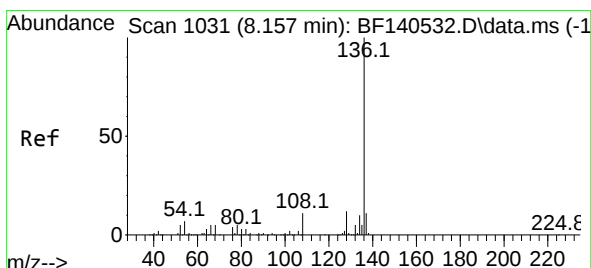
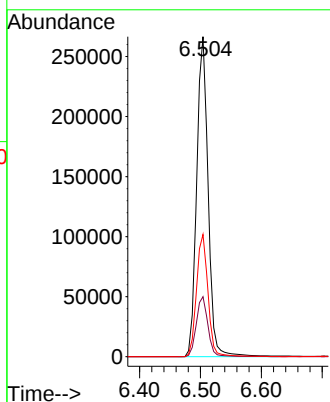
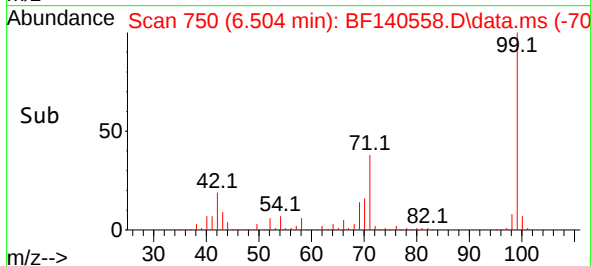
Instrument :
BNA_F
ClientSampleId :
TP-2-WCRE



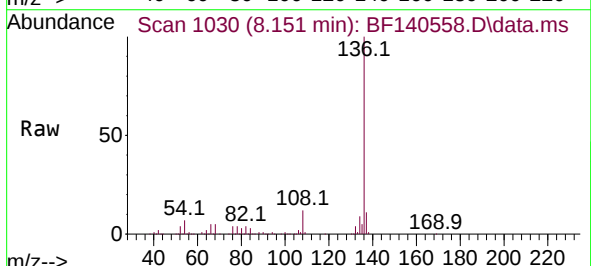
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Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 38.2 30.6 46.0

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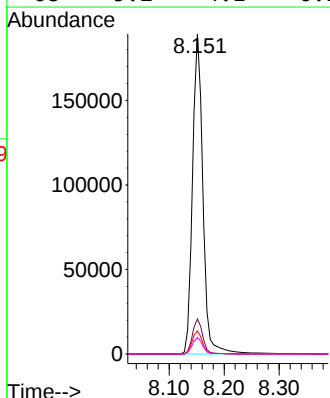
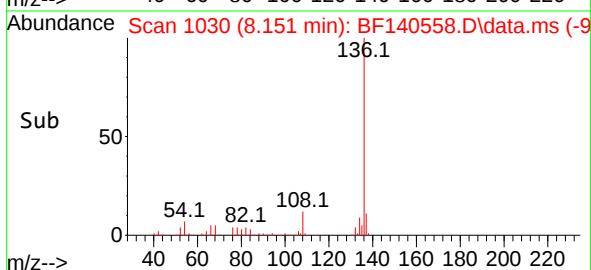
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

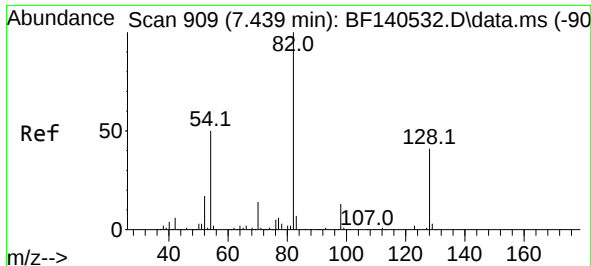


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21



Tgt Ion:136 Resp: 248392
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 5.8 8.8
68 5.2 4.1 6.1





#23
Nitrobenzene-d5
Concen: 47.458 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

Instrument :

BNA_F

ClientSampleId :

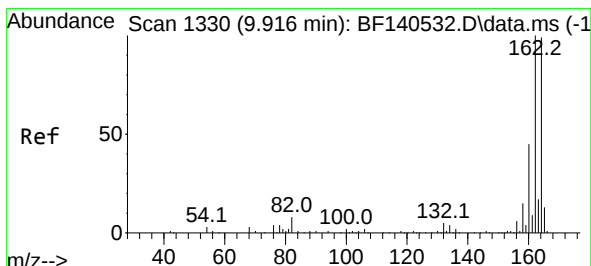
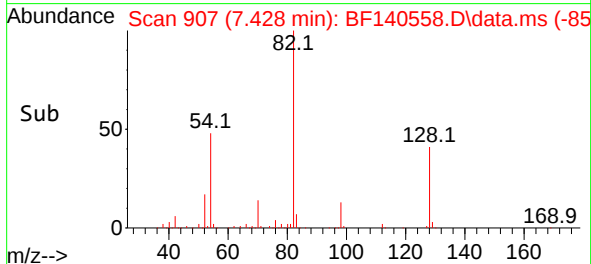
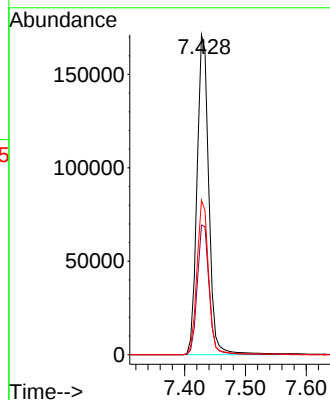
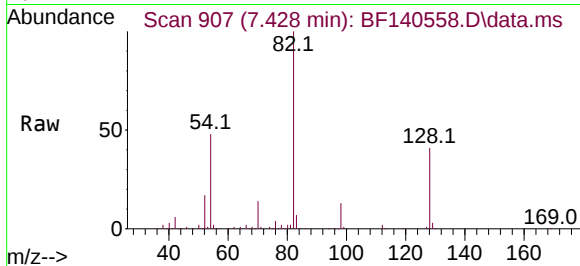
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Tgt Ion: 82 Resp: 230460
Ion Ratio Lower Upper
82 100
128 40.5 33.0 49.4
54 48.3 39.5 59.3

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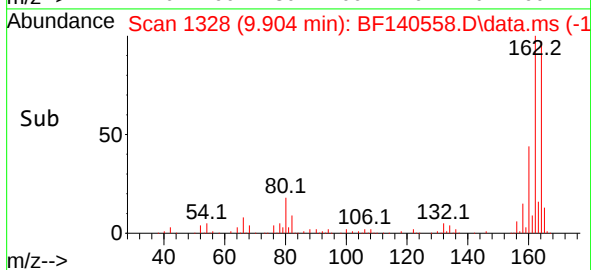
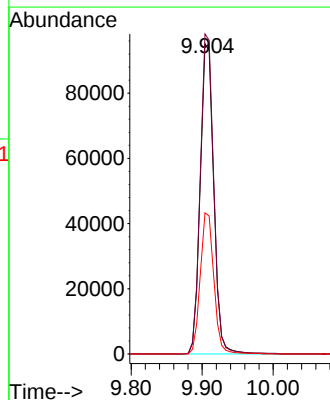
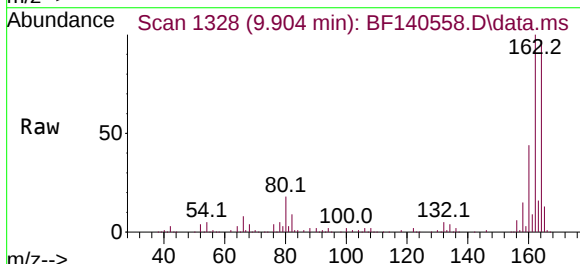
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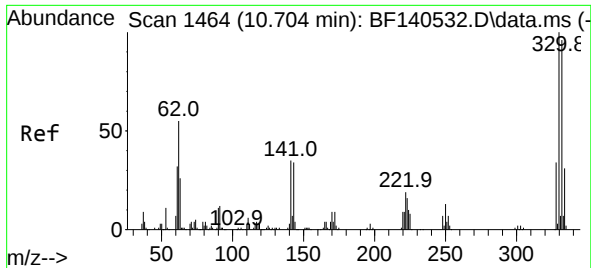
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

Tgt Ion:164 Resp: 126089
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 45.5 36.2 54.4





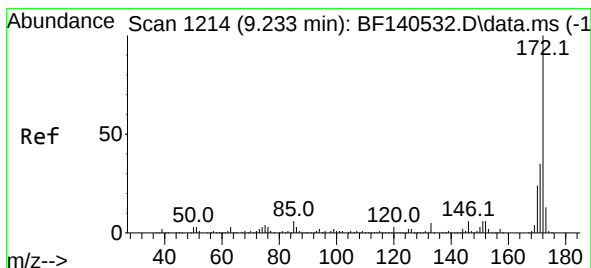
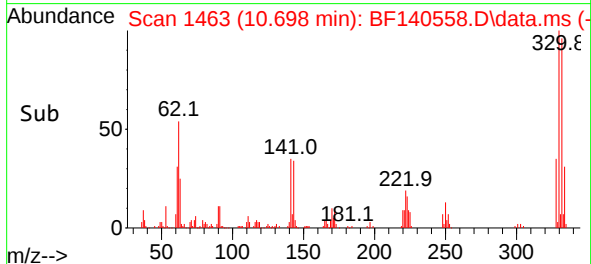
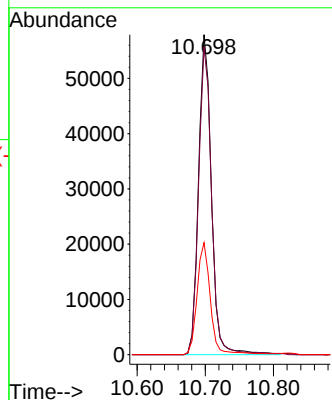
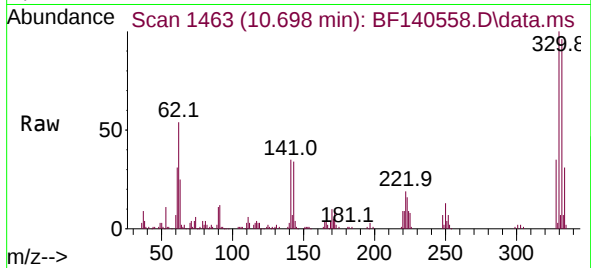
#42
2,4,6-Tribromophenol
Concen: 56.513 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

Instrument :
BNA_F
ClientSampleId :
TP-2-WCRE

Tgt Ion:330 Resp: 76209
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 36.2 26.7 40.1

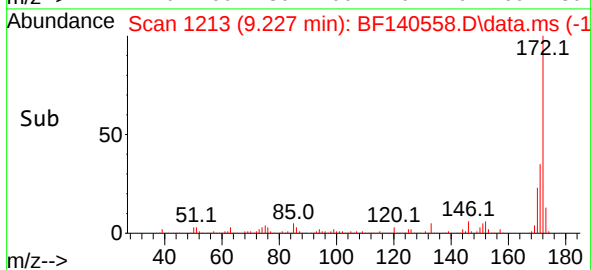
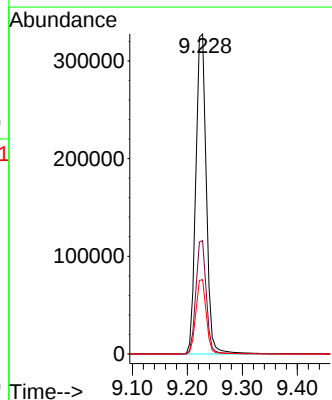
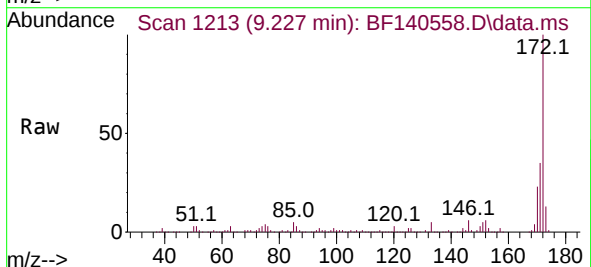
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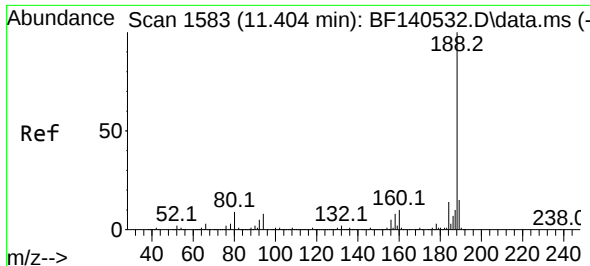
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#45
2-Fluorobiphenyl
Concen: 51.478 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

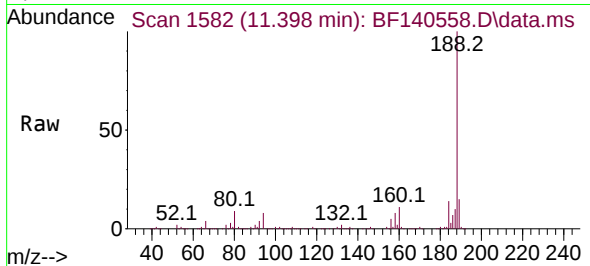
Tgt Ion:172 Resp: 435645
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

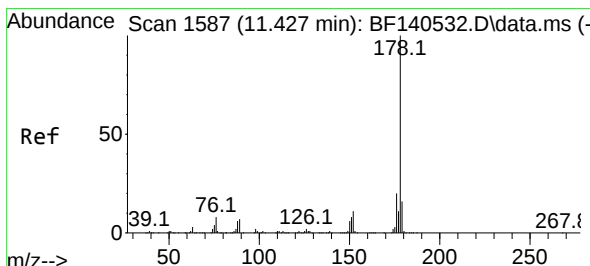
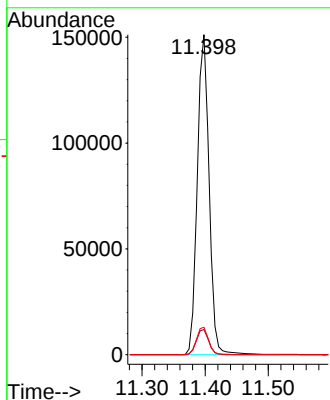
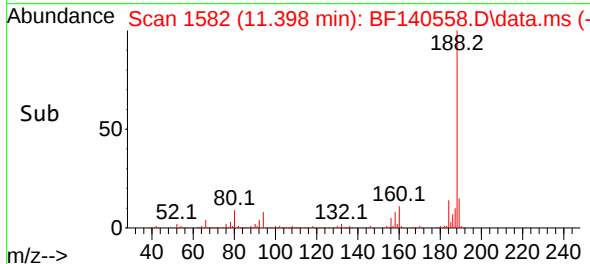
Instrument :
BNA_F
ClientSampleId :
TP-2-WCRE



Tgt Ion:188 Resp: 195894
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.6 6.9 10.3

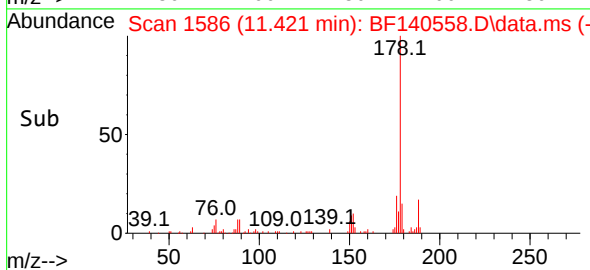
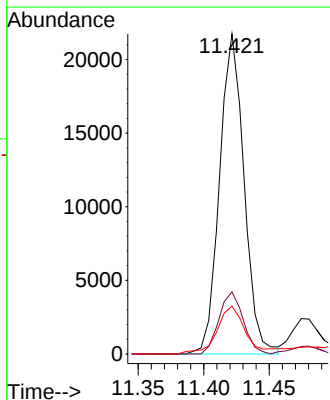
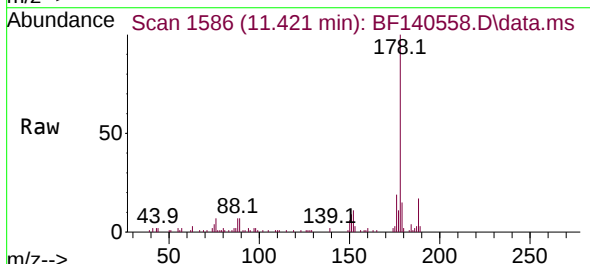
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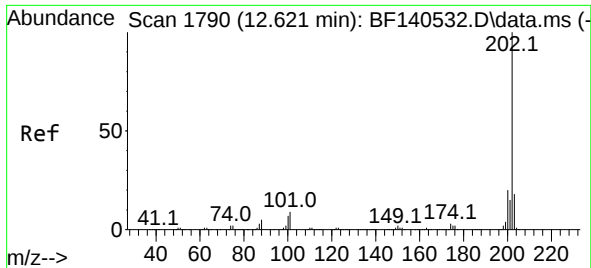
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#71
Phenanthrene
Concen: 3.002 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

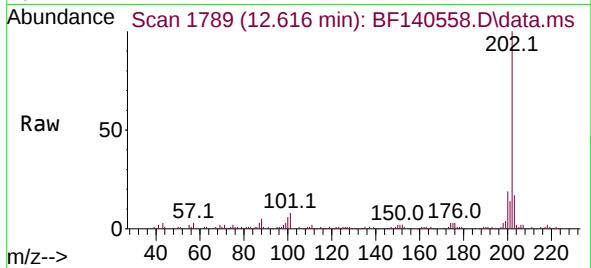
Tgt Ion:178 Resp: 28271
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.0 12.4 18.6





#75
Fluoranthene
Concen: 6.553 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

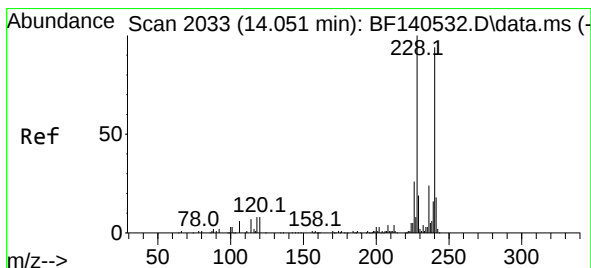
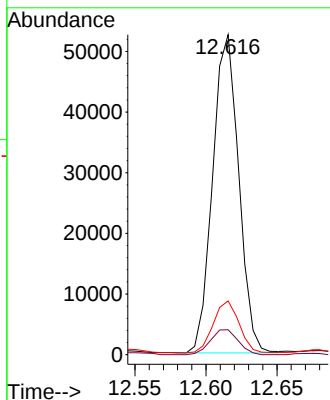
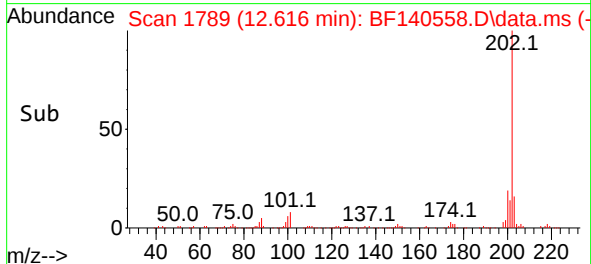
Instrument :
BNA_F
ClientSampleId :
TP-2-WCRE



Tgt Ion:202 Resp: 66992
Ion Ratio Lower Upper
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101 7.8 0.0 28.9
203 16.8 0.0 37.6

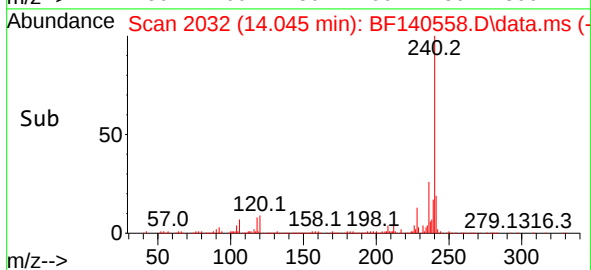
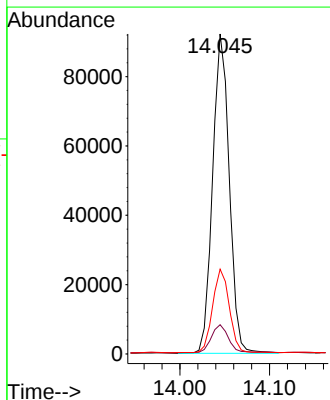
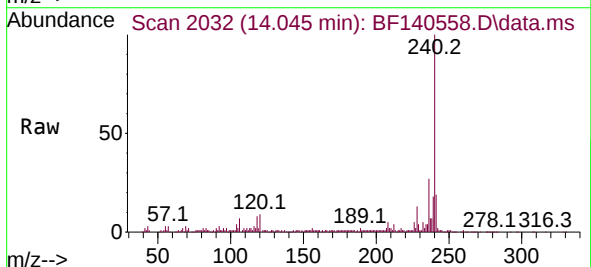
Manual Integrations
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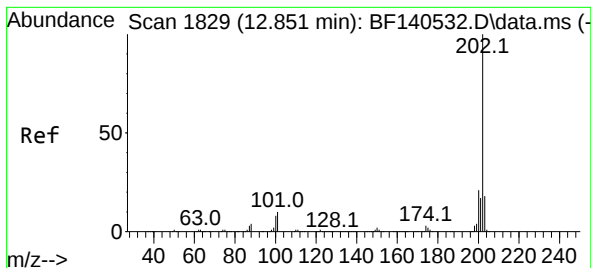
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

Tgt Ion:240 Resp: 118681
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 26.5 20.6 31.0





#78

Pyrene

Concen: 6.362 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140558.D

Acq: 22 Nov 2024 01:21

Instrument :

BNA_F

ClientSampleId :

TP-2-WCRE

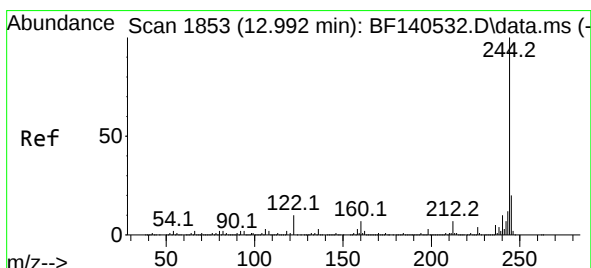
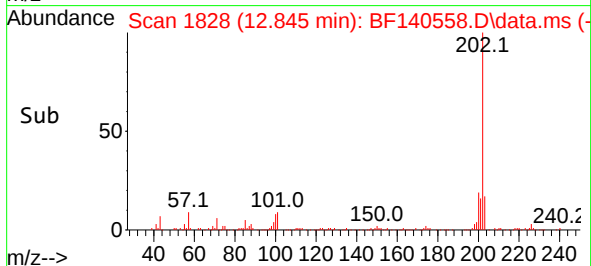
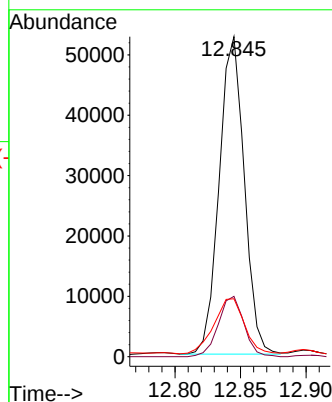
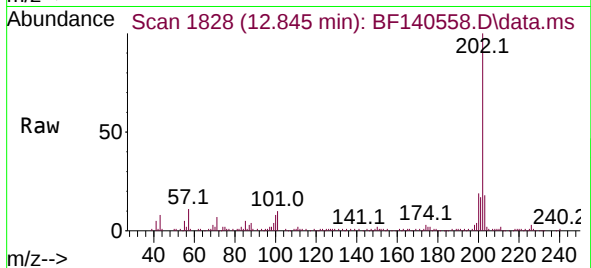
Tgt Ion:202 Resp: 69810

Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.5	24.7
203	18.1	14.2	21.4

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#79

Terphenyl-d14

Concen: 46.587 ng

RT: 12.980 min Scan# 1851

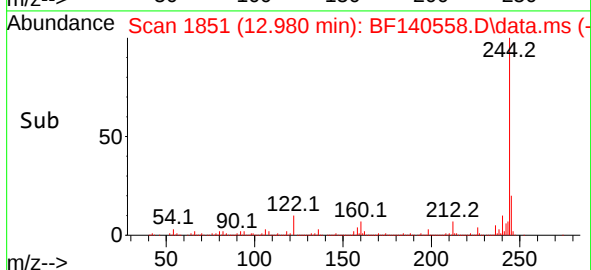
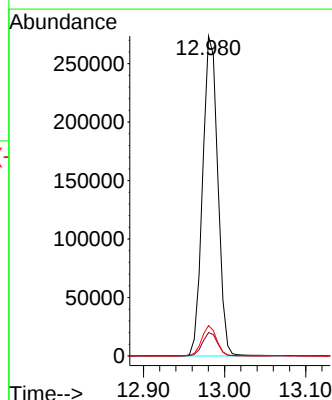
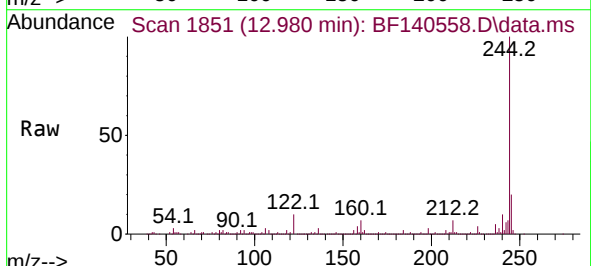
Delta R.T. -0.012 min

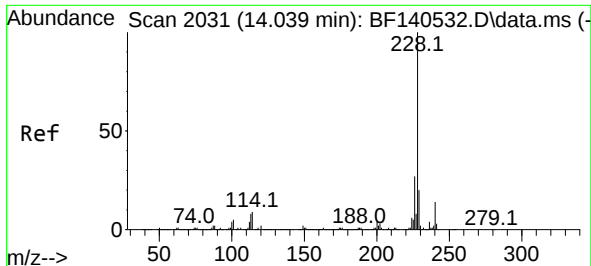
Lab File: BF140558.D

Acq: 22 Nov 2024 01:21

Tgt Ion:244 Resp: 355074

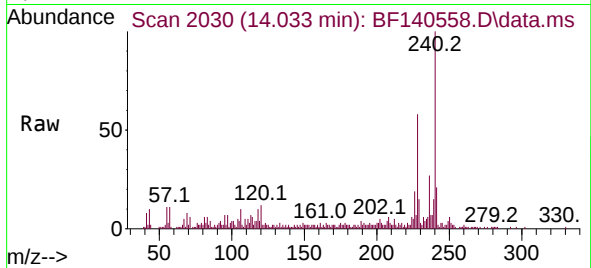
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.5	8.0	12.0





#81
Benzo(a)anthracene
Concen: 3.211 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

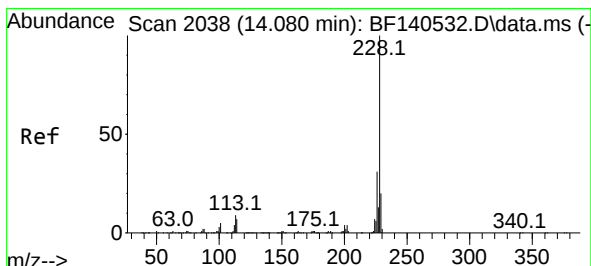
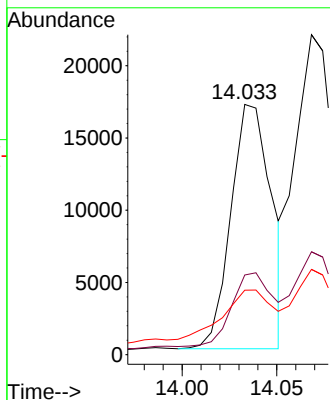
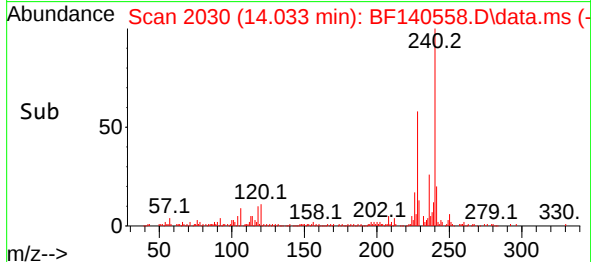
Instrument :
BNA_F
ClientSampleId :
TP-2-WCRE



Tgt Ion:228 Resp: 25224
Ion Ratio Lower Upper
228 100
226 31.8 21.8 32.8
229 25.8 15.8 23.6

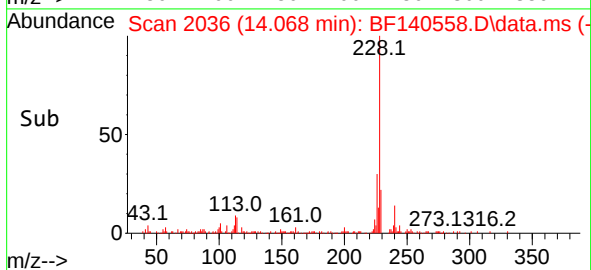
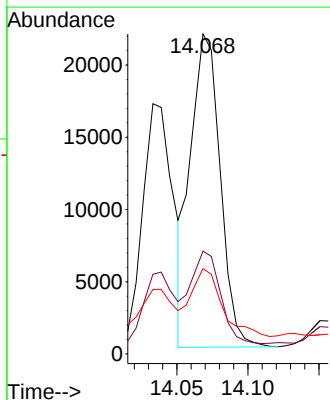
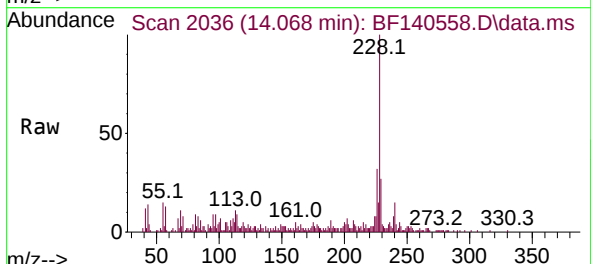
Manual Integrations
APPROVED

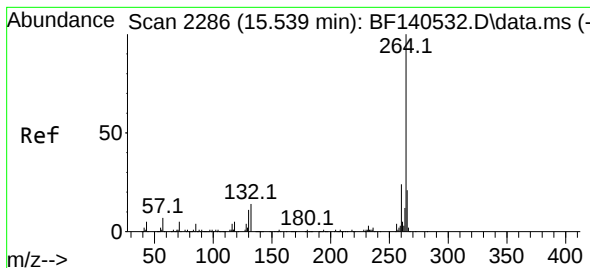
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#83
Chrysene
Concen: 4.402 ng
RT: 14.068 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

Tgt Ion:228 Resp: 31625
Ion Ratio Lower Upper
228 100
226 32.1 24.4 36.6
229 26.7 15.8 23.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF140558.D
 Acq: 22 Nov 2024 01:21

Instrument :

BNA_F

ClientSampleId :

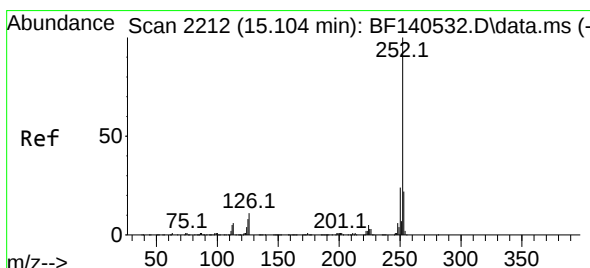
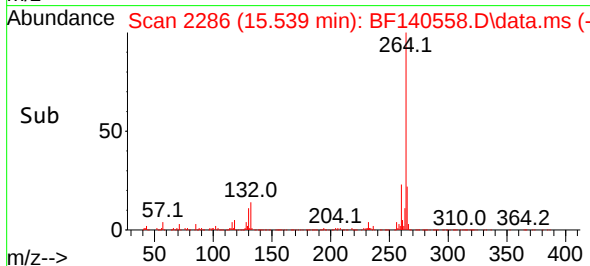
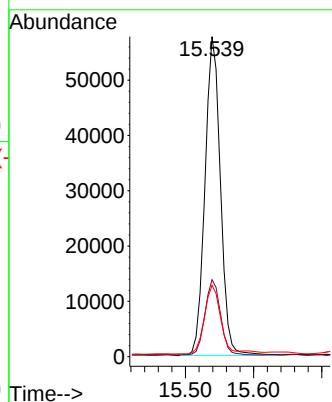
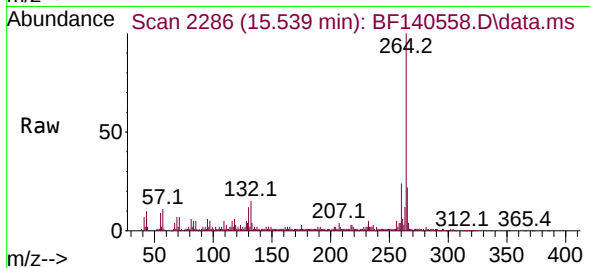
TP-2-WCRE

Tgt Ion:264 Resp: 91198
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.3 16.6 25.0

Manual Integrations

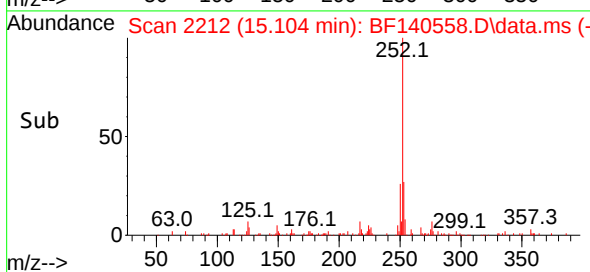
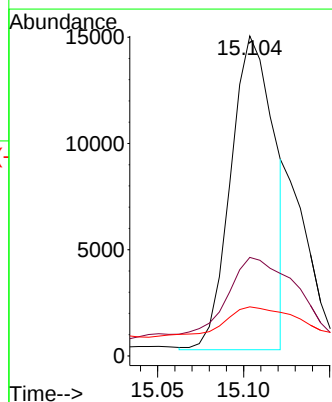
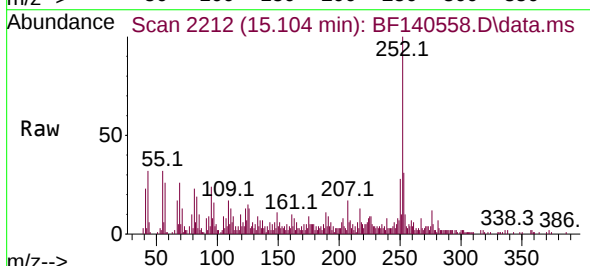
APPROVED

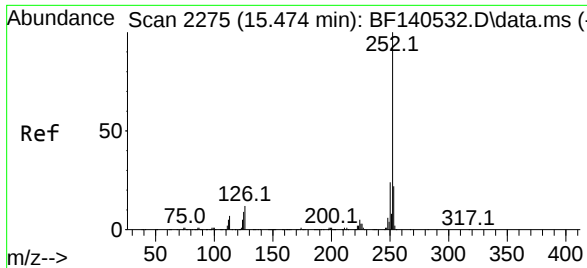
Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#88
 Benzo(b)fluoranthene
 Concen: 4.526 ng m
 RT: 15.104 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: BF140558.D
 Acq: 22 Nov 2024 01:21

Tgt Ion:252 Resp: 25928
 Ion Ratio Lower Upper
 252 100
 253 30.8 17.2 25.8#
 125 15.3 6.7 10.1#





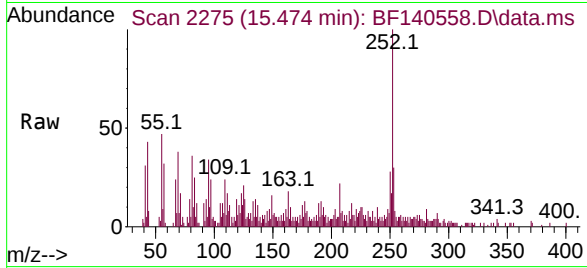
#90
Benzo(a)pyrene
Concen: 3.505 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21

Instrument :

BNA_F

ClientSampleId :

TP-2-WCRE

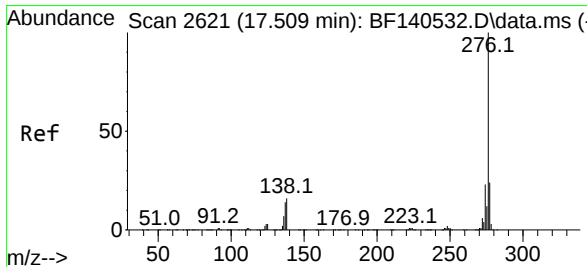
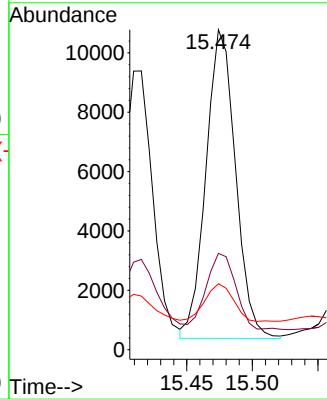
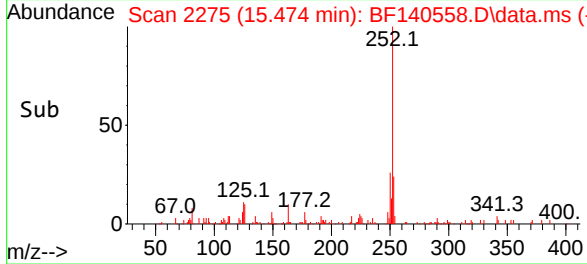


Tgt Ion:252 Resp: 16320
Ion Ratio Lower Upper
252 100
253 30.1 17.3 25.9#
125 20.6 7.0 10.6#

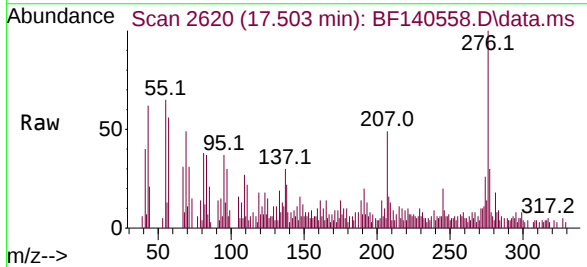
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 2.253 ng
RT: 17.503 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140558.D
Acq: 22 Nov 2024 01:21



Tgt Ion:276 Resp: 11192
Ion Ratio Lower Upper
276 100
277 29.8 18.9 28.3#
138 22.2 13.2 19.8#

