

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140623.D
 Acq On : 26 Nov 2024 00:14
 Operator : RC/JU
 Sample : P4951-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112124

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 02:13:16 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	59779	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	217864	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	111229	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	181532	20.000	ng	0.00
76) Chrysene-d12	14.039	240	106827	20.000	ng	-0.01
86) Perylene-d12	15.533	264	86105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	330869	94.436	ng	0.00
7) Phenol-d6	6.504	99	428644	92.543	ng	-0.01
23) Nitrobenzene-d5	7.428	82	275070	64.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	96279	80.934	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	484249	64.866	ng	-0.01
79) Terphenyl-d14	12.980	244	387585	56.495	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	44229	5.069	ng	97
75) Fluoranthene	12.610	202	52962	5.590	ng	98
78) Pyrene	12.839	202	50127	5.075	ng	98
81) Benzo(a)anthracene	14.033	228	20915	2.958	ng	# 88
83) Chrysene	14.068	228	17503	2.707	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.016	149	9382	2.088	ng	# 93
88) Benzo(b)fluoranthene	15.098	252	14965m	2.767	ng	
90) Benzo(a)pyrene	15.468	252	10224	2.325	ng	# 77

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

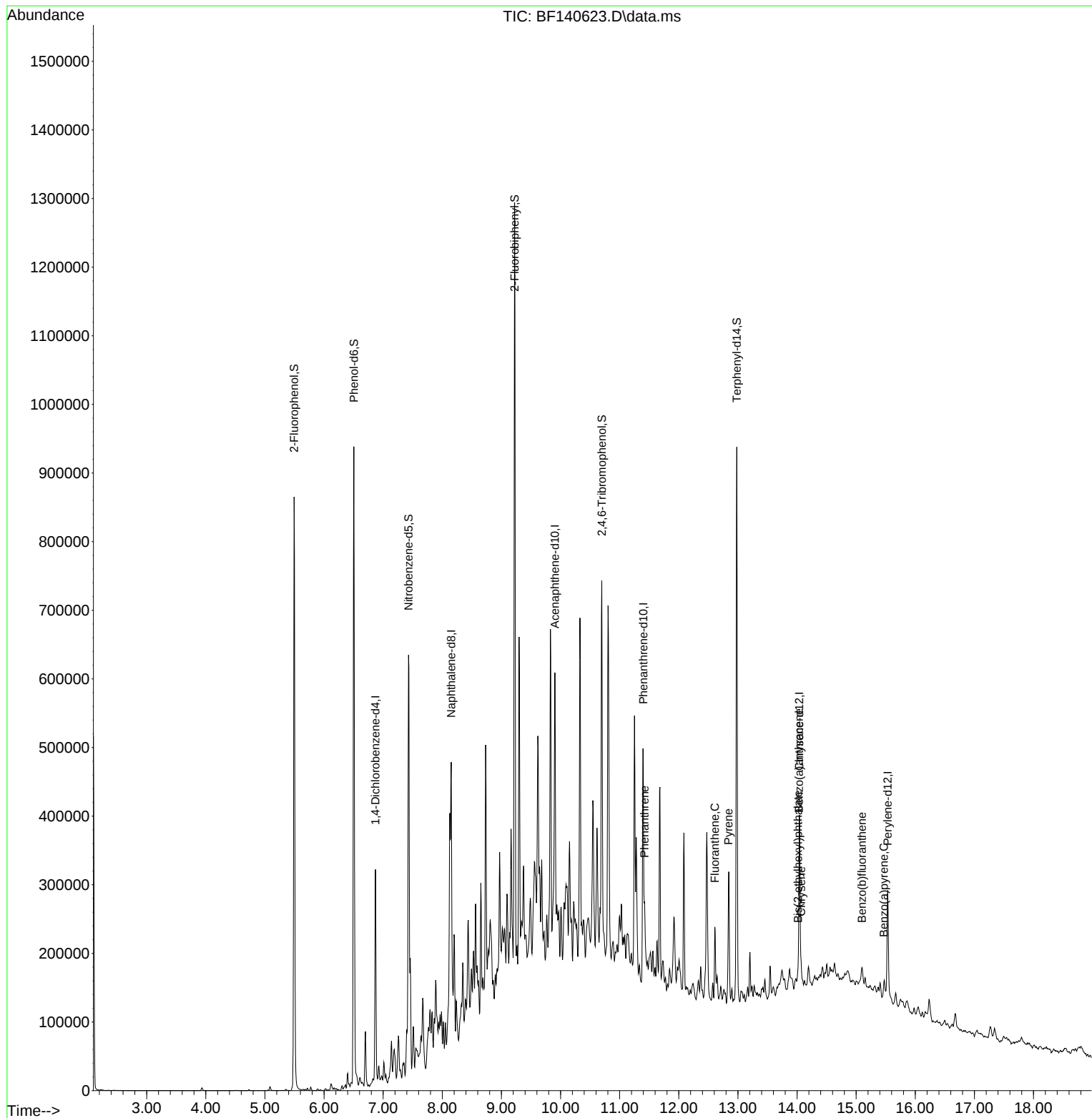
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
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Sample : P4951-01
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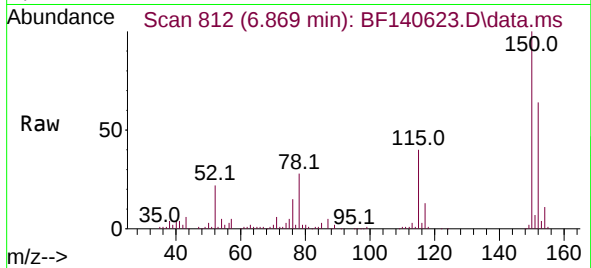
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Instrument :

BNA_F

ClientSampleId :

AU-05-112124



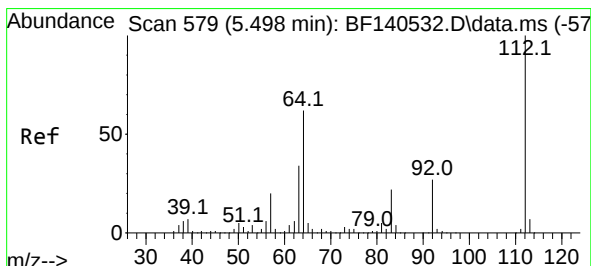
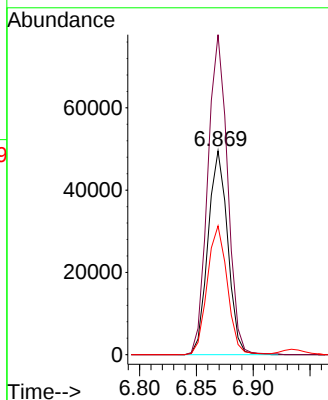
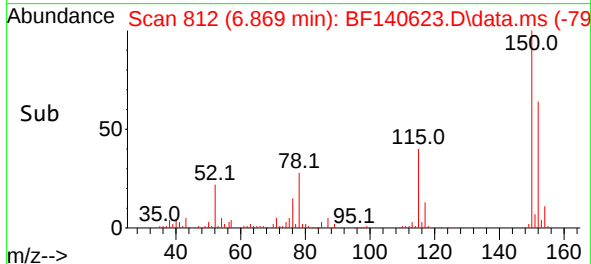
Tgt Ion:152 Resp: 59779
Ion Ratio Lower Upper
152 100
150 157.0 128.5 192.7
115 63.2 50.2 75.4

Manual Integrations

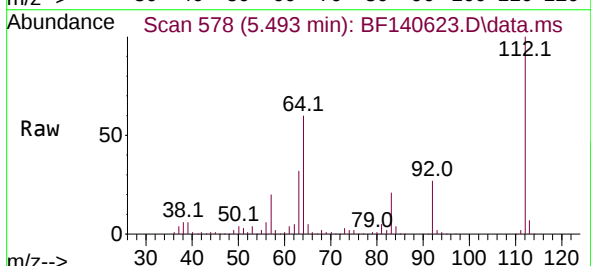
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Reviewed By :Yogesh Patel 11/27/2024

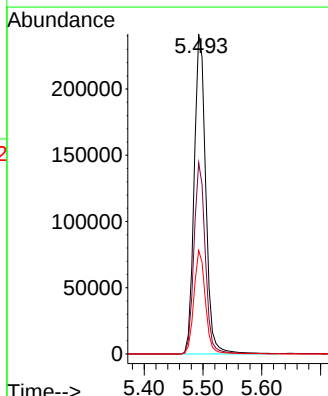
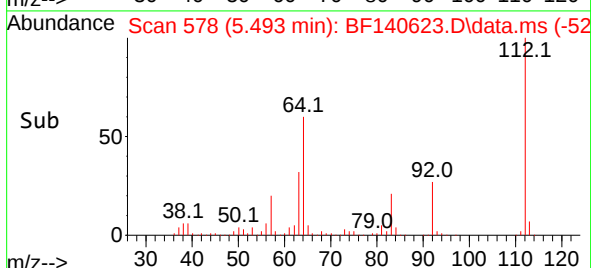
Supervised By :mohammad ahmed 11/27/2024



#5
2-Fluorophenol
Concen: 94.436 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14



Tgt Ion:112 Resp: 330869
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.3 27.0 40.4





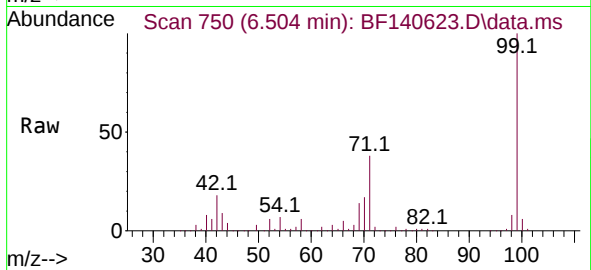
#7
Phenol-d6
Concen: 92.543 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Instrument :

BNA_F

ClientSampleId :

AU-05-112124



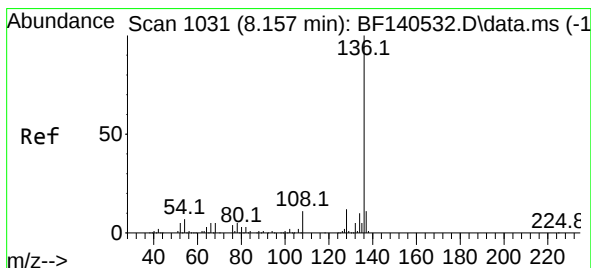
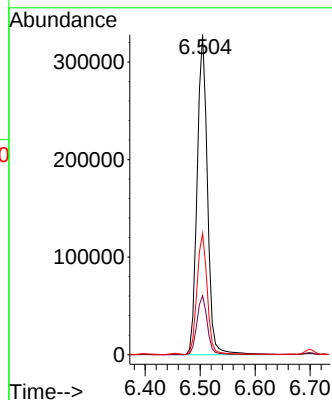
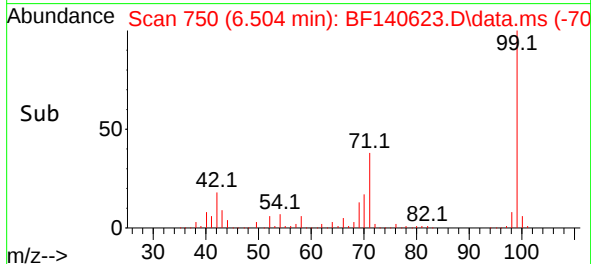
Tgt Ion: 99 Resp: 428644
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.9 30.6 46.0

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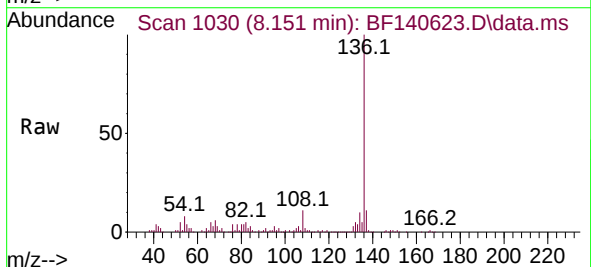
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

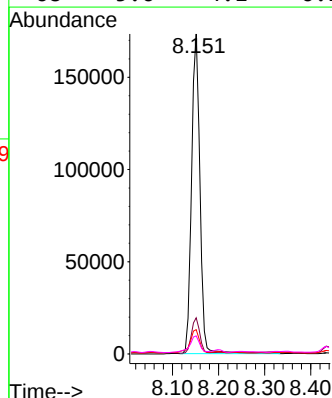
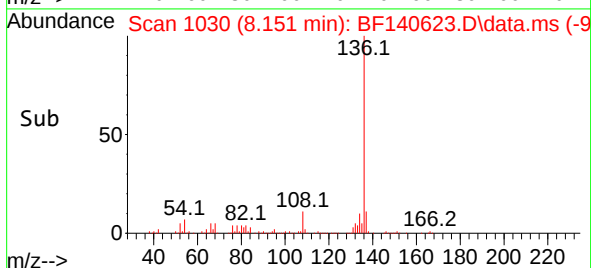
Supervised By :mohammad ahmed 11/27/2024

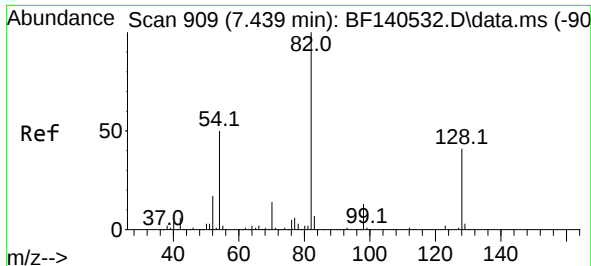


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14



Tgt Ion:136 Resp: 217864
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.6 5.8 8.8
68 5.6 4.1 6.1





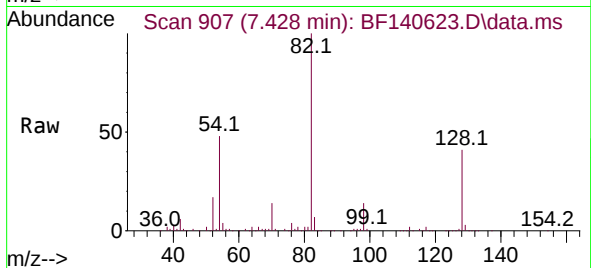
#23
Nitrobenzene-d5
Concen: 64.581 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Instrument :

BNA_F

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AU-05-112124

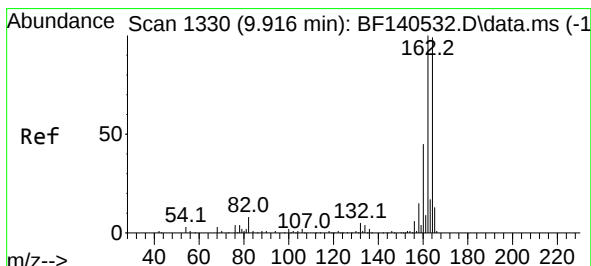
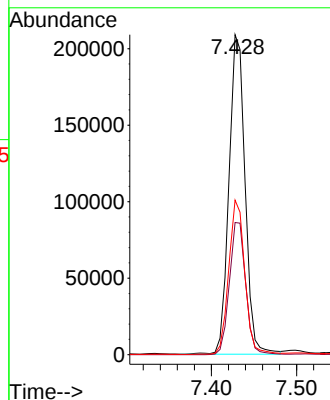
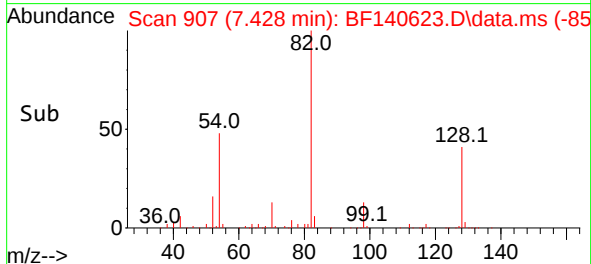


Tgt Ion: 82 Resp: 275070
Ion Ratio Lower Upper
82 100
128 41.3 33.0 49.4
54 48.3 39.5 59.3

Manual Integrations

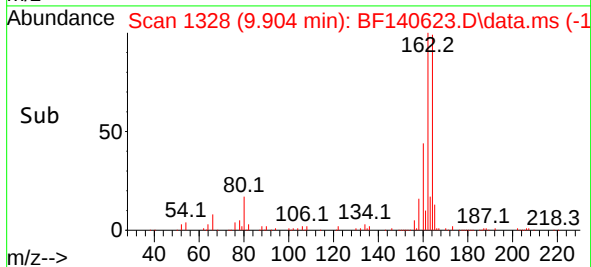
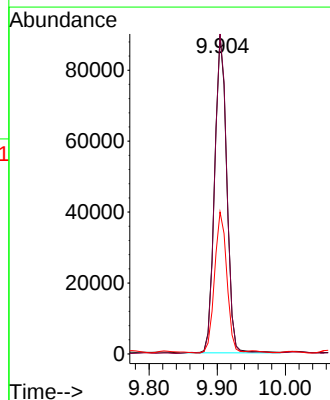
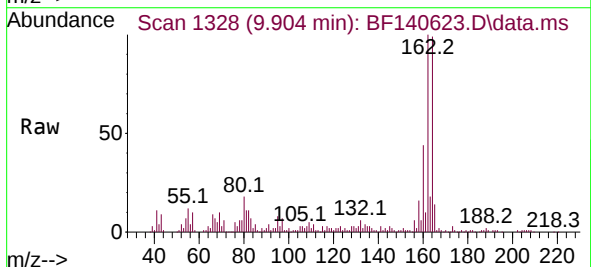
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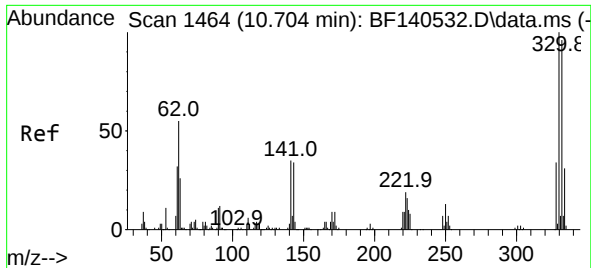
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

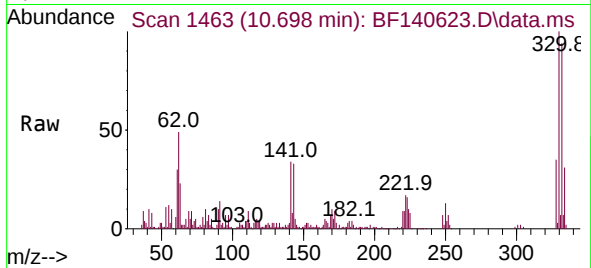
Tgt Ion:164 Resp: 111229
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.6 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 80.934 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

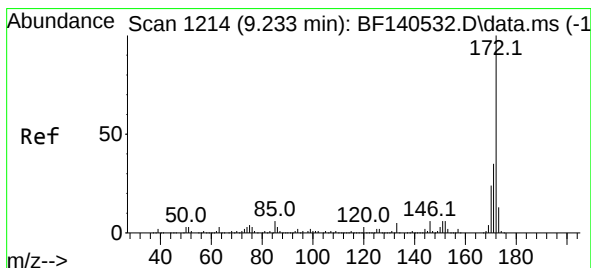
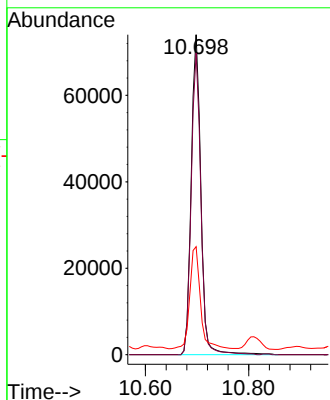
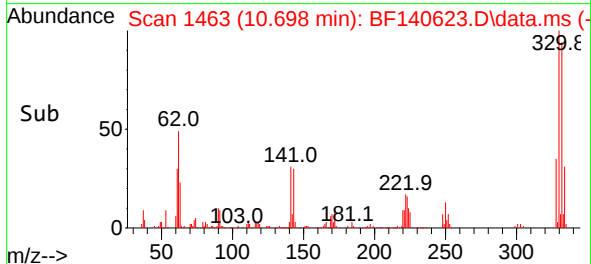
Instrument :
BNA_F
ClientSampleId :
AU-05-112124



Tgt Ion:330 Resp: 96279
Ion Ratio Lower Upper
330 100
332 94.1 76.9 115.3
141 34.9 26.7 40.1

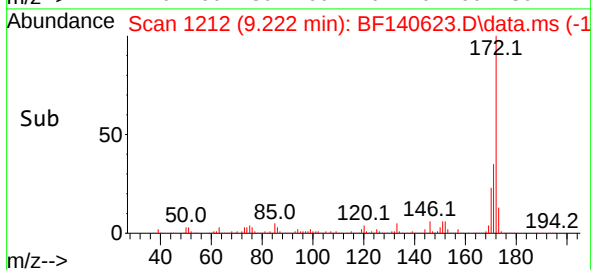
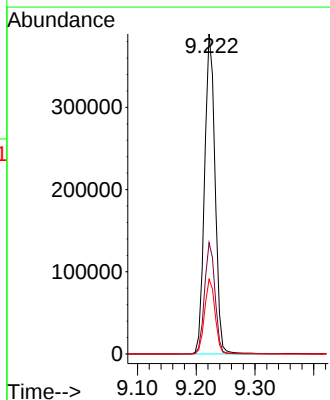
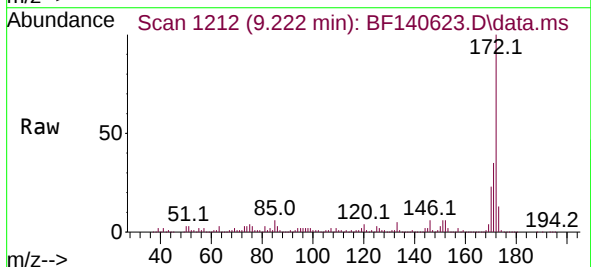
Manual Integrations
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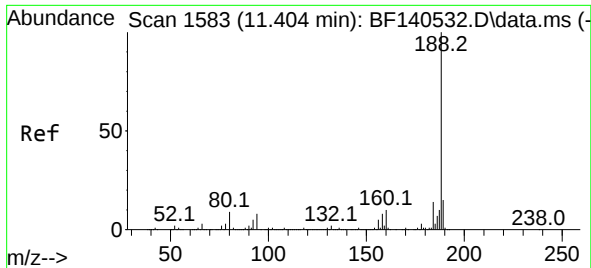
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#45
2-Fluorobiphenyl
Concen: 64.866 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Tgt Ion:172 Resp: 484249
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.4 19.0 28.6





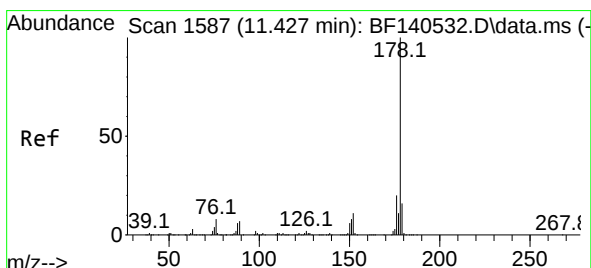
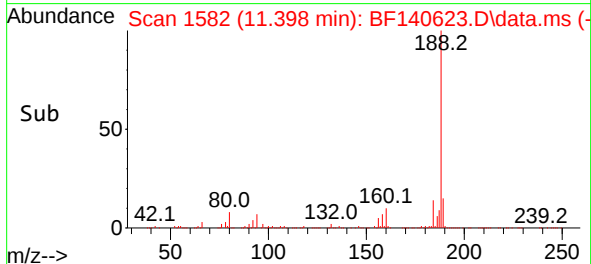
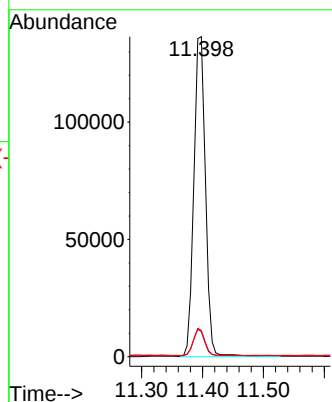
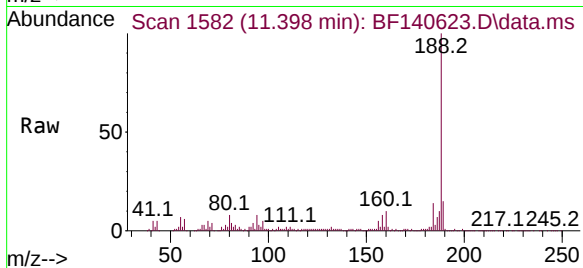
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

Tgt Ion:188 Resp: 18153
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.3 6.9 10.3

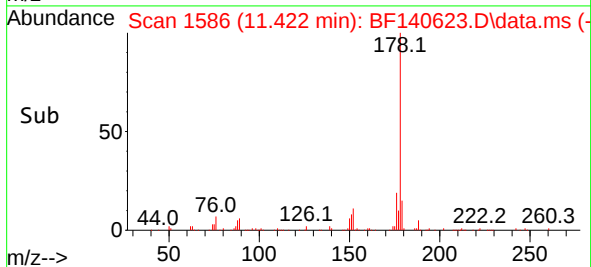
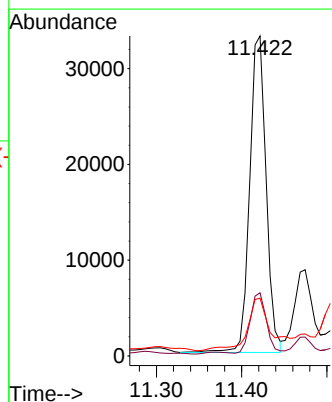
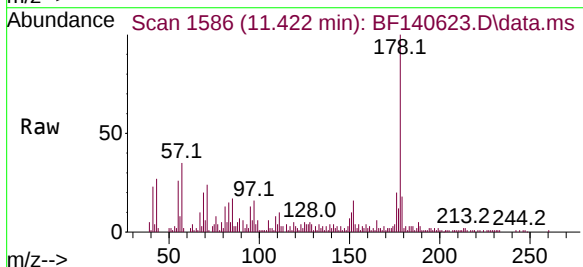
Manual Integrations
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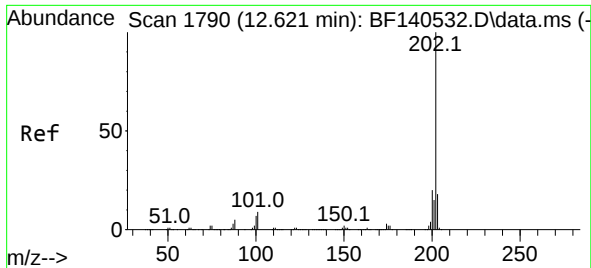
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#71
Phenanthrene
Concen: 5.069 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

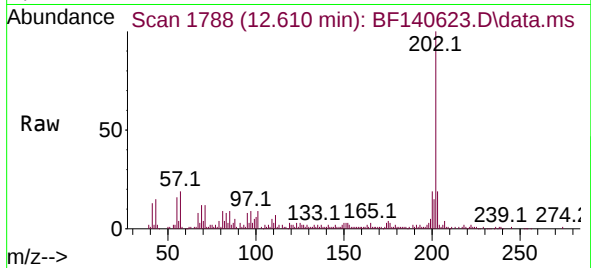
Tgt Ion:178 Resp: 44229
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 18.1 12.4 18.6





#75
Fluoranthene
Concen: 5.590 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

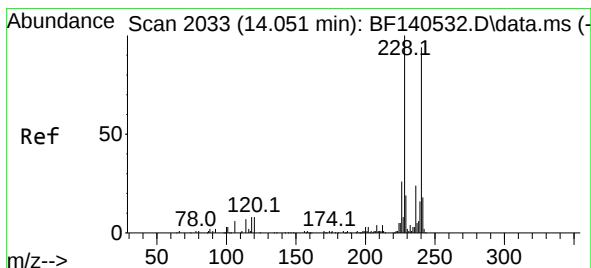
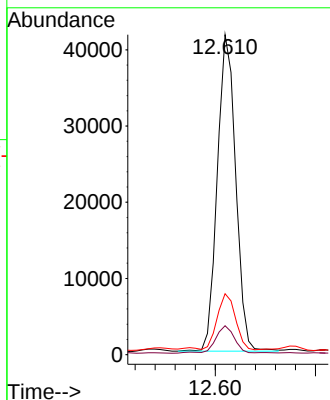
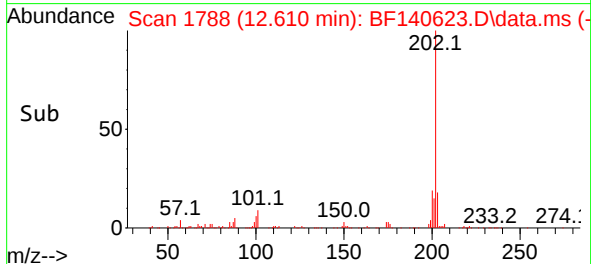
Instrument :
BNA_F
ClientSampleId :
AU-05-112124



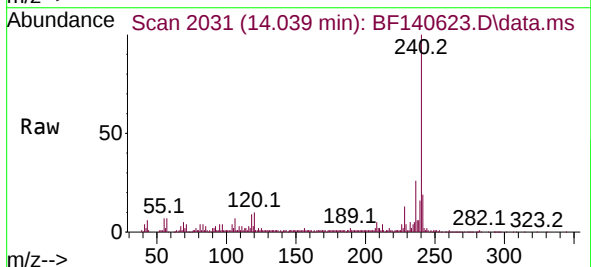
Tgt Ion:202 Resp: 5296
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 19.0 0.0 37.6

Manual Integrations
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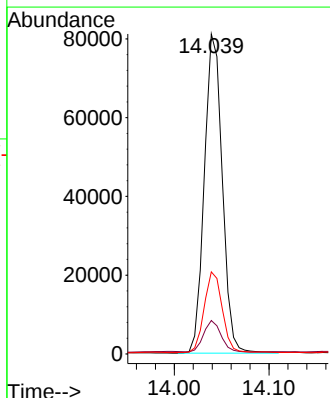
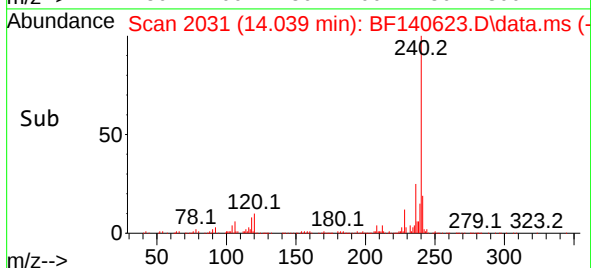
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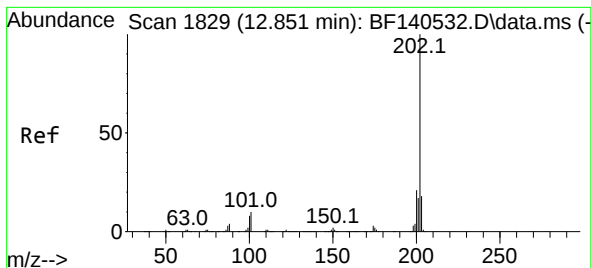


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14



Tgt Ion:240 Resp: 106827
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 25.7 20.6 31.0





#78

Pyrene

Concen: 5.075 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF140623.D

Acq: 26 Nov 2024 00:14

Instrument :

BNA_F

ClientSampleId :

AU-05-112124

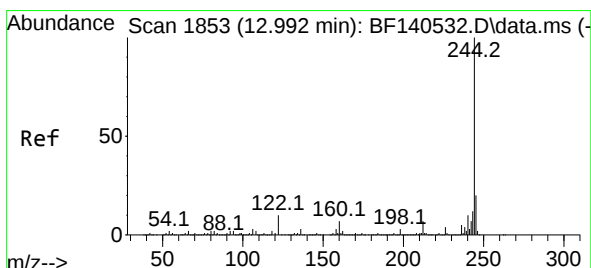
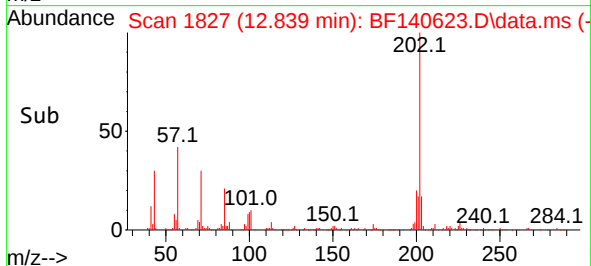
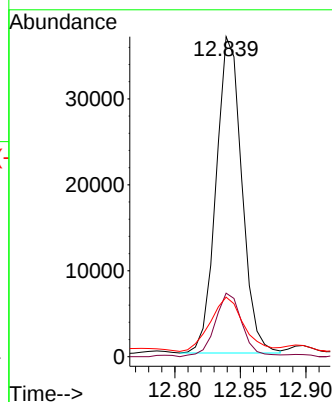
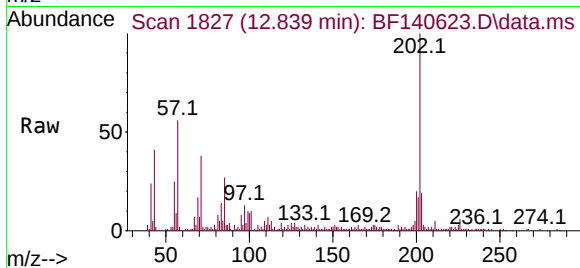
Tgt Ion:	202	Resp:	5012
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.5	24.7
203	18.6	14.2	21.4

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#79

Terphenyl-d14

Concen: 56.495 ng

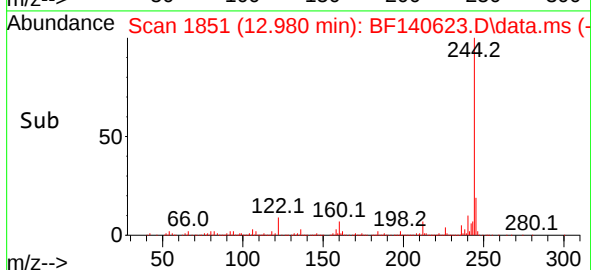
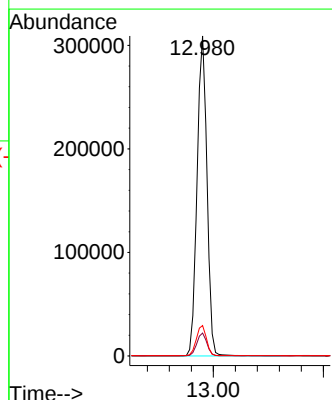
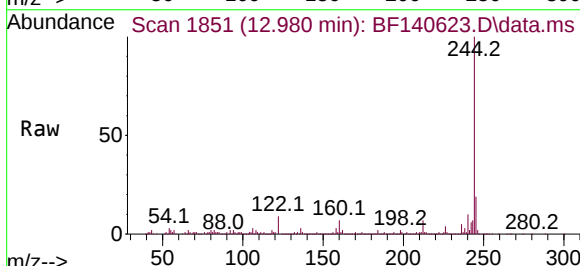
RT: 12.980 min Scan# 1851

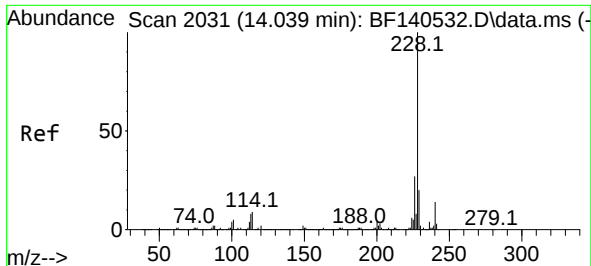
Delta R.T. -0.012 min

Lab File: BF140623.D

Acq: 26 Nov 2024 00:14

Tgt Ion:	244	Resp:	387585
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	9.5	8.0	12.0





#81
Benzo(a)anthracene
Concen: 2.958 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Instrument :

BNA_F

ClientSampleId :

AU-05-112124

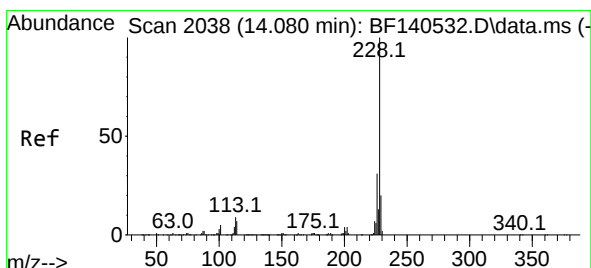
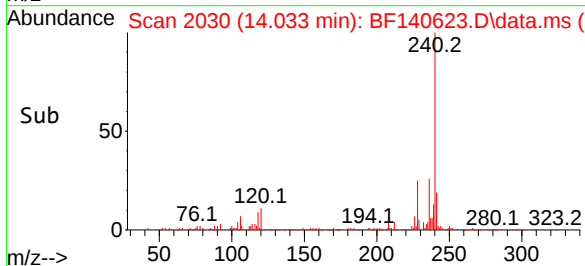
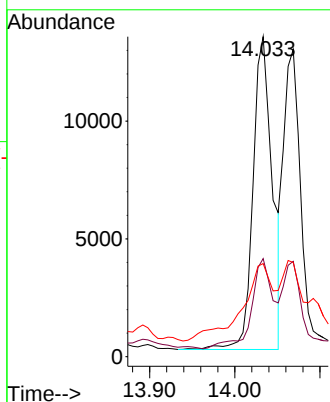
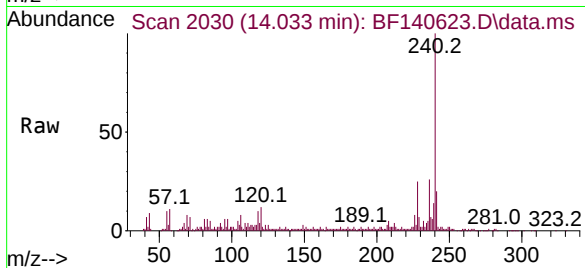
Tgt Ion:228 Resp: 20915
Ion Ratio Lower Upper
228 100
226 30.6 21.8 32.8
229 29.1 15.8 23.6

Manual Integrations

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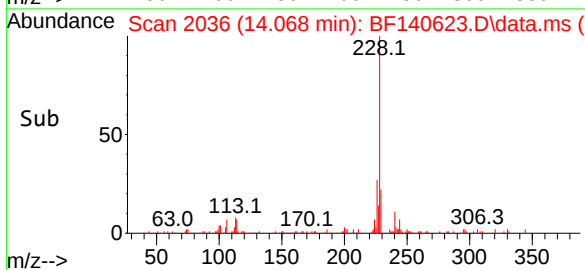
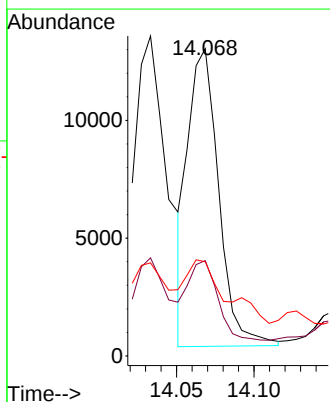
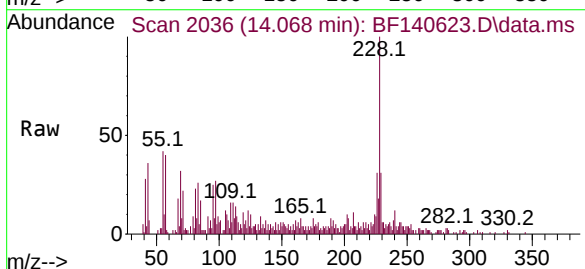
Reviewed By :Yogesh Patel 11/27/2024

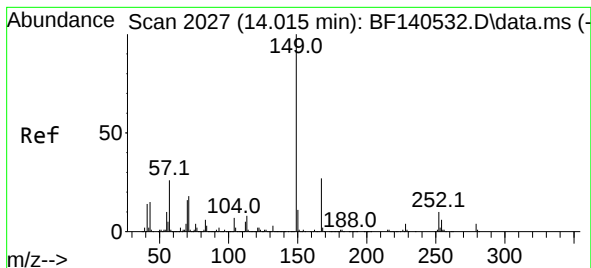
Supervised By :mohammad ahmed 11/27/2024



#83
Chrysene
Concen: 2.707 ng
RT: 14.068 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Tgt Ion:228 Resp: 17503
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 30.7 15.8 23.6





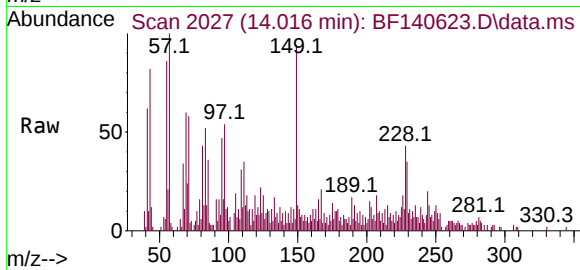
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.088 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Instrument :

BNA_F

ClientSampleId :

AU-05-112124



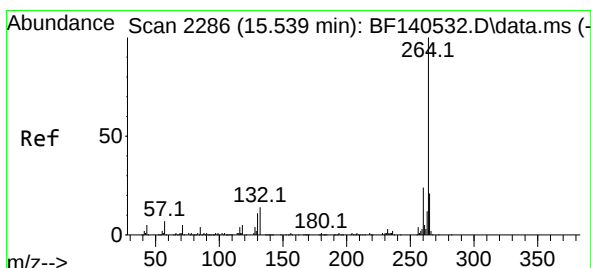
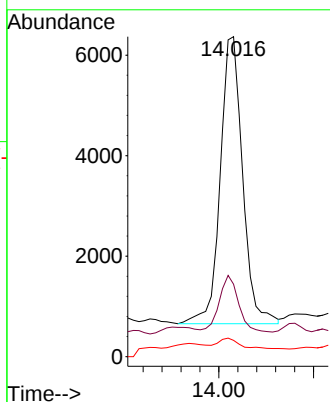
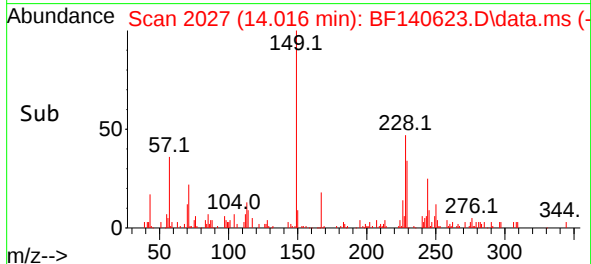
Tgt Ion:149 Resp: 938
Ion Ratio Lower Upper
149 100
167 22.6 21.2 31.8
279 5.1 3.2 4.8

Manual Integrations

APPROVED

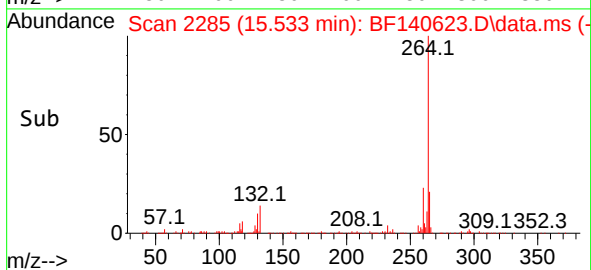
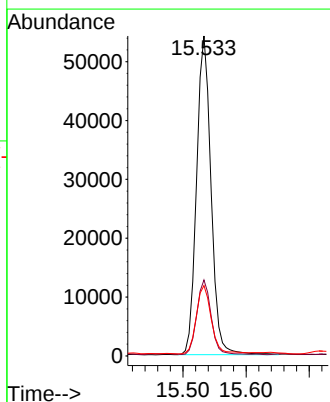
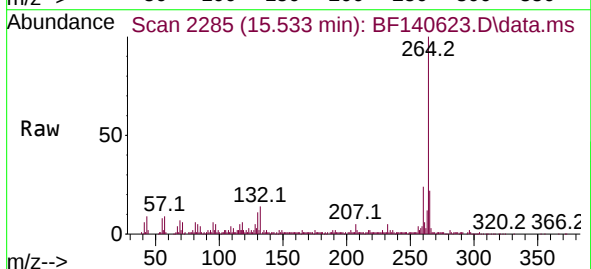
Reviewed By :Yogesh Patel 11/27/2024

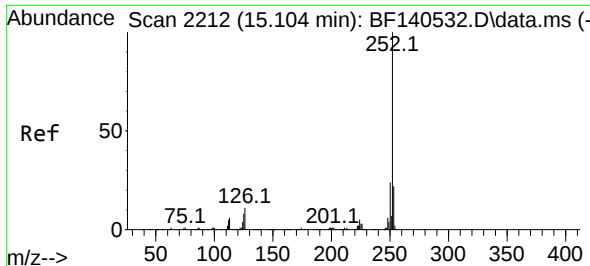
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Tgt Ion:264 Resp: 86105
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.0 16.6 25.0





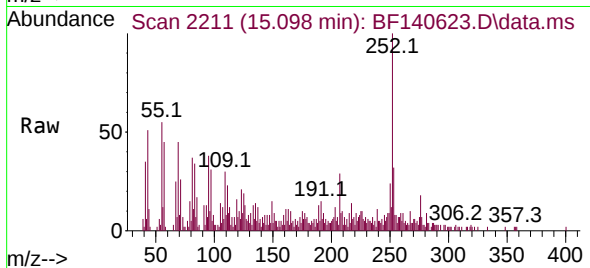
#88
Benzo(b)fluoranthene
Concen: 2.767 ng m
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Instrument :

BNA_F

ClientSampleId :

AU-05-112124



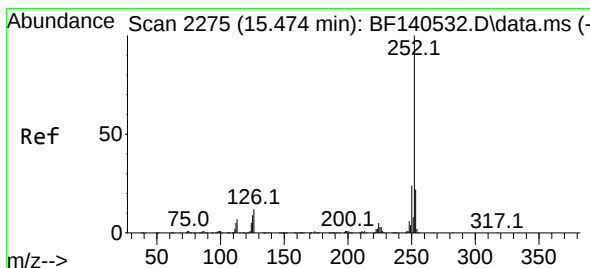
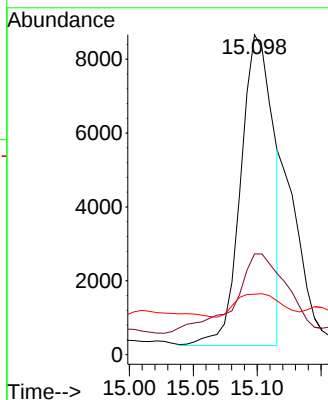
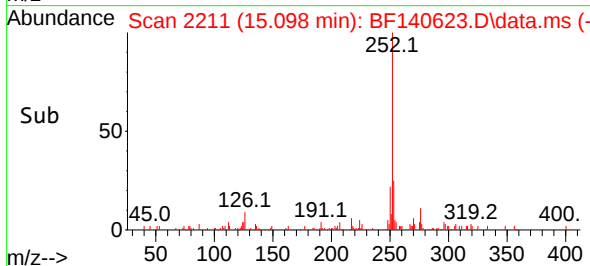
Tgt Ion:252 Resp: 1496
Ion Ratio Lower Upper
252 100
253 31.5 17.2 25.8
125 18.9 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 2.325 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF140623.D
Acq: 26 Nov 2024 00:14

Tgt Ion:252 Resp: 10224
Ion Ratio Lower Upper
252 100
253 30.4 17.3 25.9#
125 21.0 7.0 10.6#

