

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140511.D
 Acq On : 20 Nov 2024 20:28
 Operator : RC/JU
 Sample : P4909-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-111824

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 00:08:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	122993	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	442750	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	208473	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	311174	20.000	ng	0.00
76) Chrysene-d12	14.045	240	243298	20.000	ng	0.00
86) Perylene-d12	15.527	264	202545	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	485573	67.407	ng	0.01
7) Phenol-d6	6.510	99	621125	63.642	ng	0.00
23) Nitrobenzene-d5	7.434	82	405944	47.771	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	114952	55.449	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	720842	55.585	ng	-0.01
79) Terphenyl-d14	12.980	244	594188	42.392	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	29735	2.034	ng	99
75) Fluoranthene	12.610	202	71065	4.333	ng	99
78) Pyrene	12.839	202	71768	3.449	ng	98
81) Benzo(a)anthracene	14.033	228	38395	2.401	ng	# 92
83) Chrysene	14.069	228	35901	2.461	ng	96
88) Benzo(b)fluoranthene	15.092	252	45728m	3.451	ng	
90) Benzo(a)pyrene	15.463	252	24733	2.404	ng	# 87

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

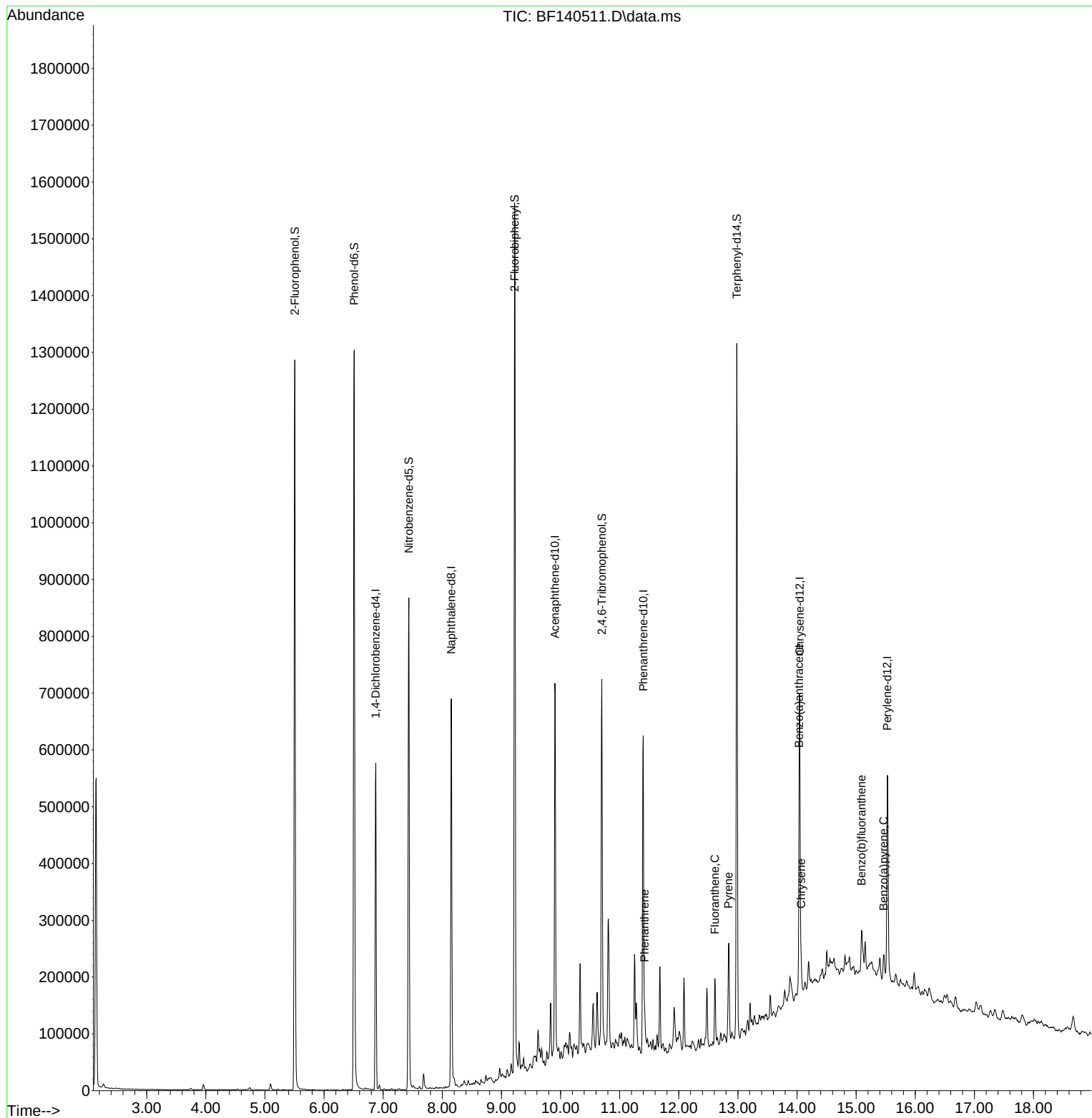
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140511.D
Acq On : 20 Nov 2024 20:28
Operator : RC/JU
Sample : P4909-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

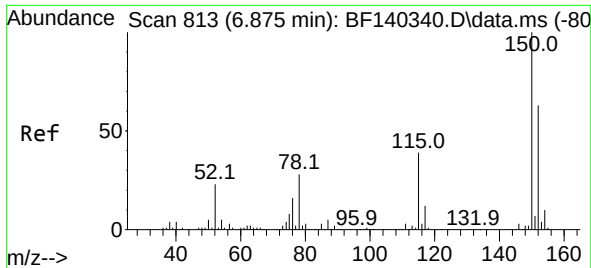
Instrument :
BNA_F
ClientSampleId :
BU-02-111824

Quant Time: Nov 21 00:08:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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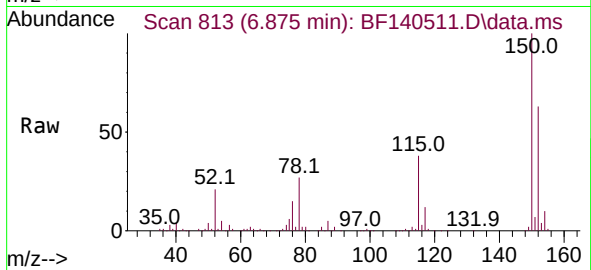
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

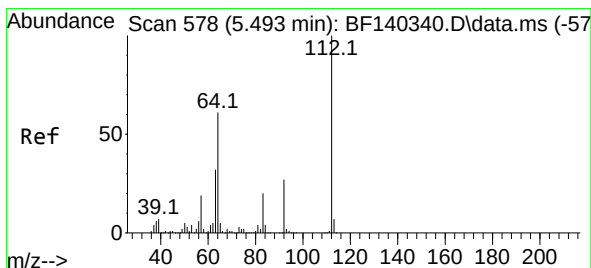
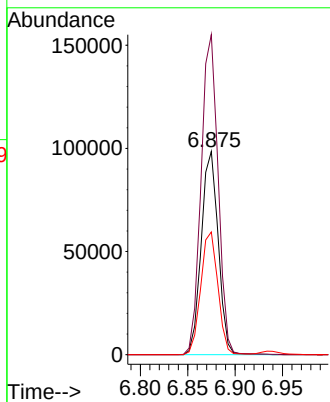
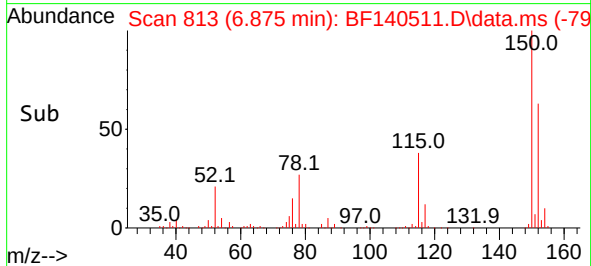
Instrument :
BNA_F
ClientSampleId :
BU-02-111824



Tgt Ion:152 Resp: 122993
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.0
115 60.5 47.4 71.2

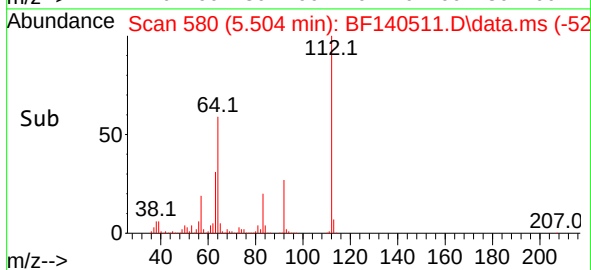
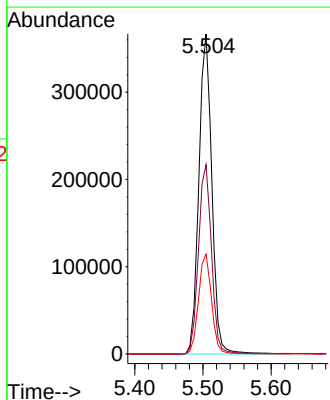
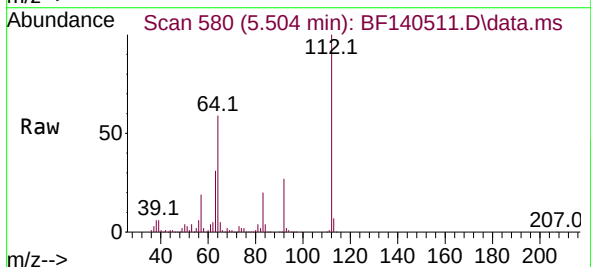
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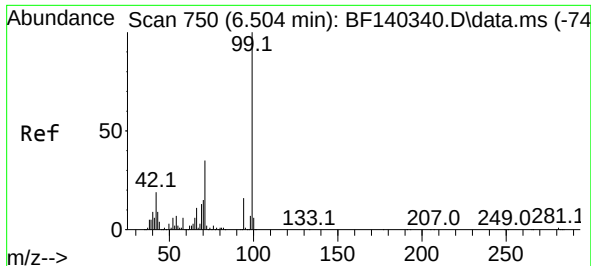
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#5
2-Fluorophenol
Concen: 67.407 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Tgt Ion:112 Resp: 485573
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.2 25.6 38.4





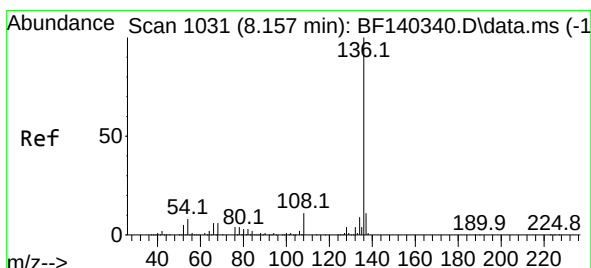
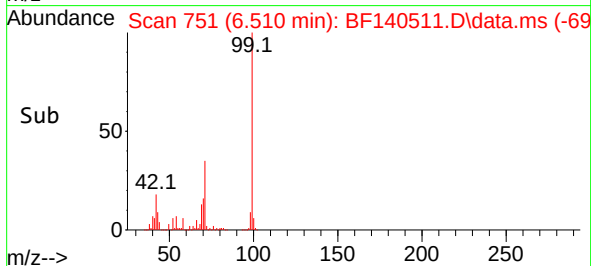
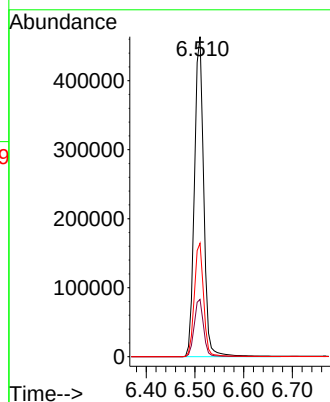
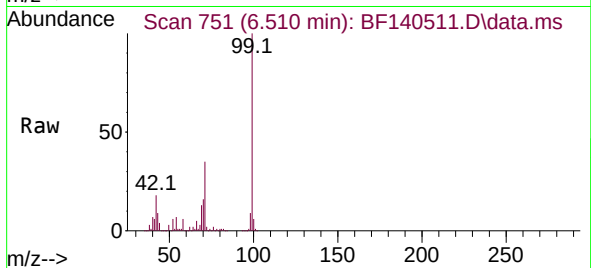
#7
Phenol-d6
Concen: 63.642 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Instrument :
BNA_F
ClientSampleId :
BU-02-111824

Tgt Ion: 99 Resp: 62112
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 35.5 27.9 41.9

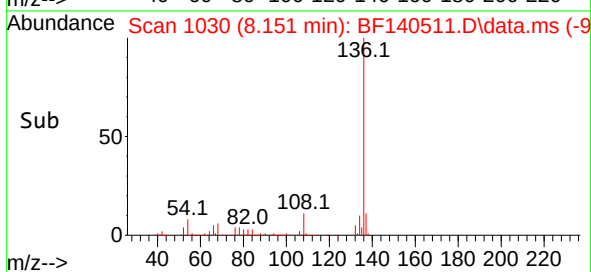
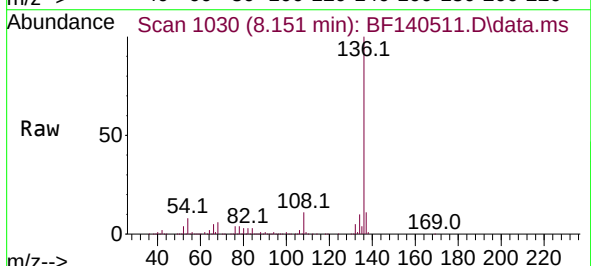
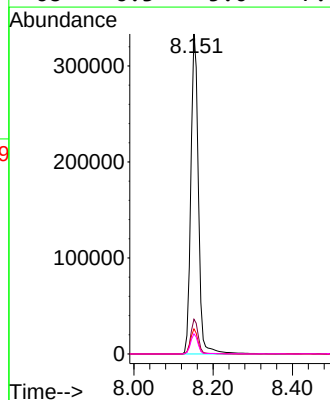
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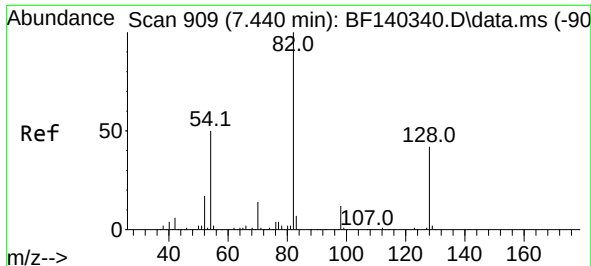
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Tgt Ion:136 Resp: 442750
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.9 6.5 9.7
68 6.3 5.0 7.6





#23
Nitrobenzene-d5
Concen: 47.771 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Instrument :

BNA_F

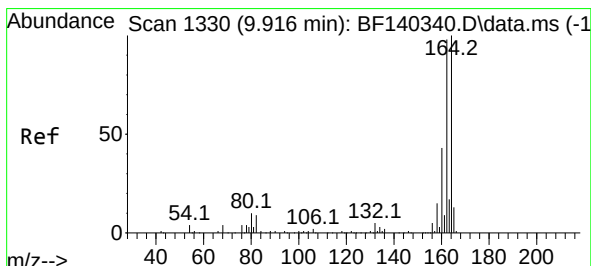
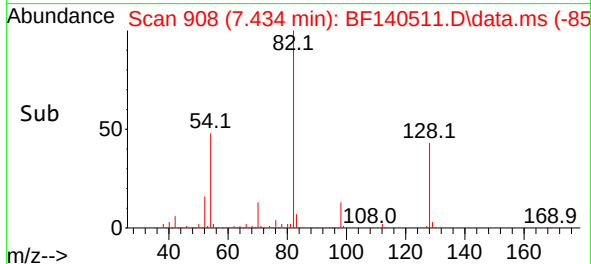
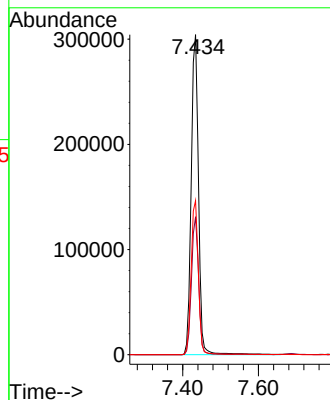
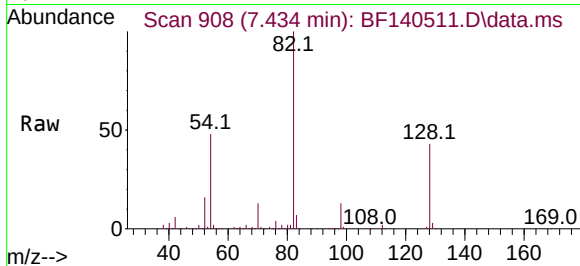
ClientSampleId :

BU-02-111824

Tgt Ion: 82 Resp: 405944
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 48.1 39.8 59.8

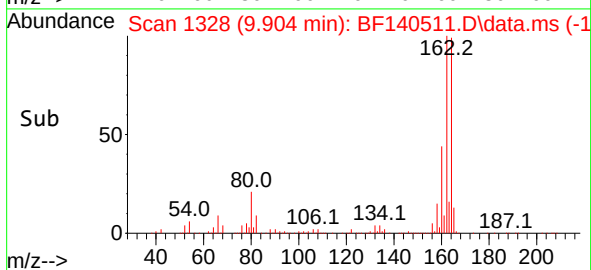
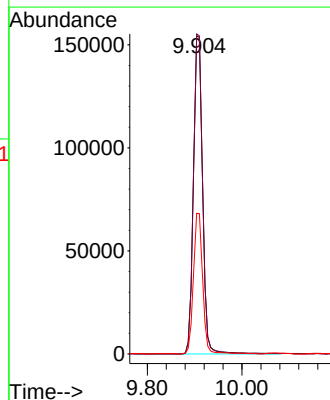
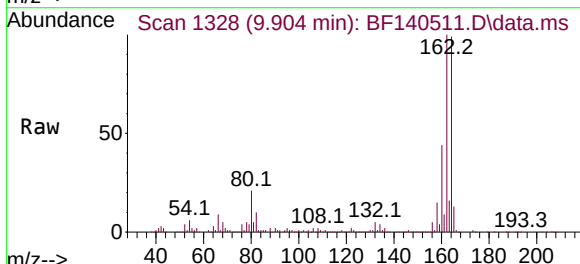
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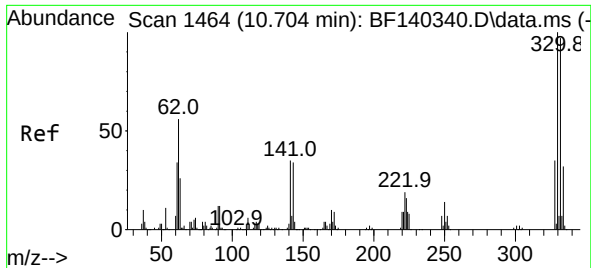
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Tgt Ion:164 Resp: 208473
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.2 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 55.449 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Instrument :

BNA_F

ClientSampleId :

BU-02-111824

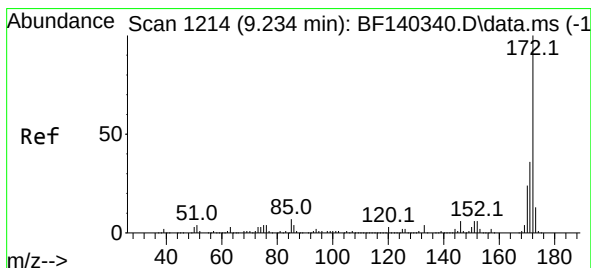
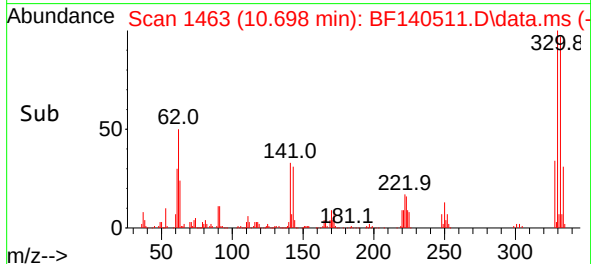
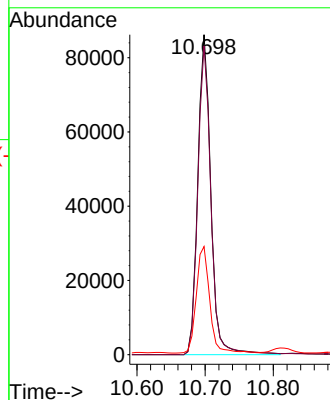
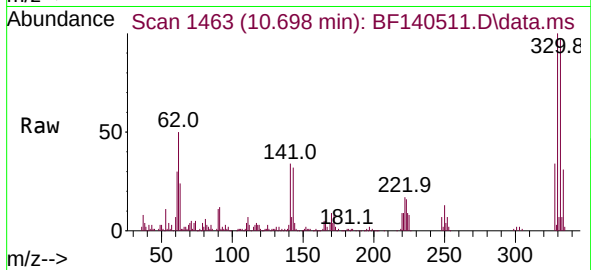
Tgt Ion:330 Resp: 114952
Ion Ratio Lower Upper
330 100
332 96.4 75.9 113.9
141 34.2 26.9 40.3

Manual Integrations

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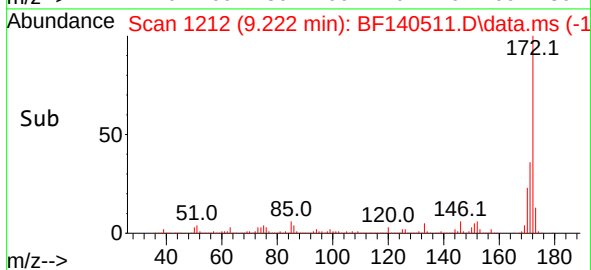
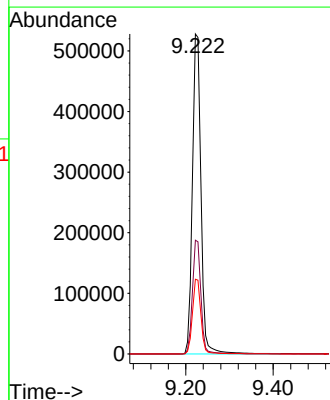
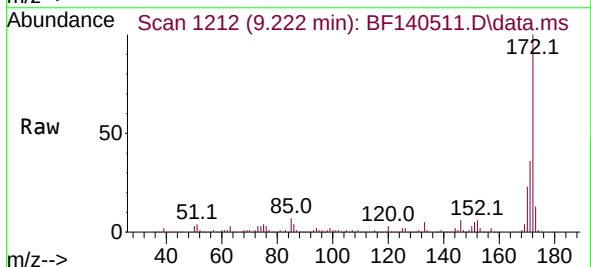
Reviewed By :Yogesh Patel 11/22/2024

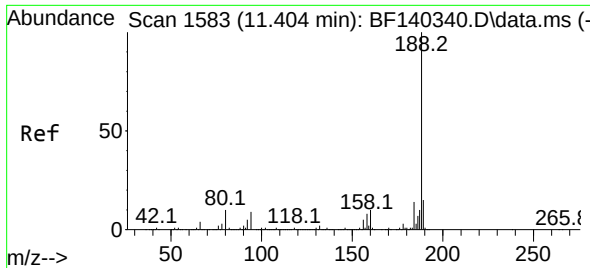
Supervised By :mohammad ahmed 11/22/2024



#45
2-Fluorobiphenyl
Concen: 55.585 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Tgt Ion:172 Resp: 720842
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.3 19.1 28.7





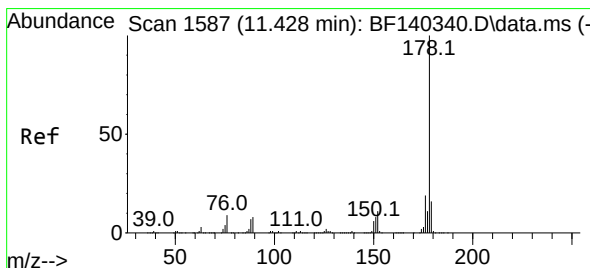
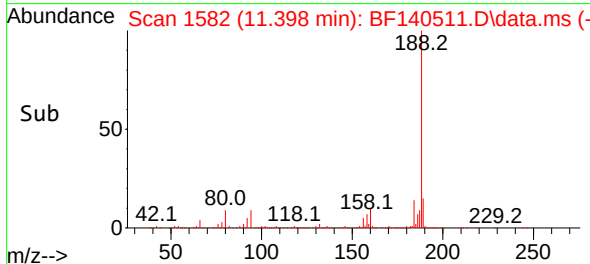
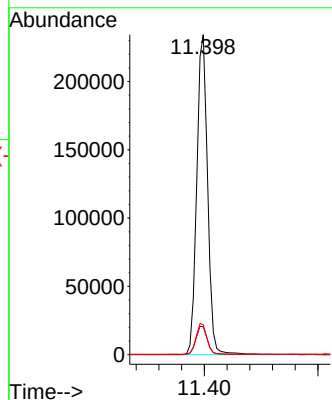
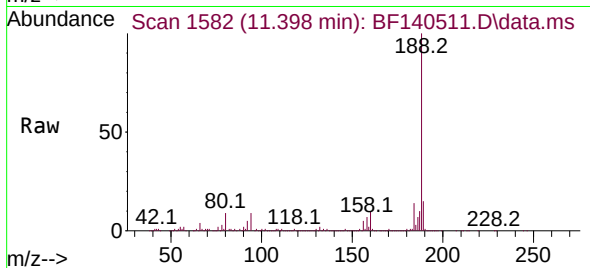
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Instrument :
BNA_F
ClientSampleId :
BU-02-111824

Tgt Ion:188 Resp: 311174
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.4 8.0 12.0

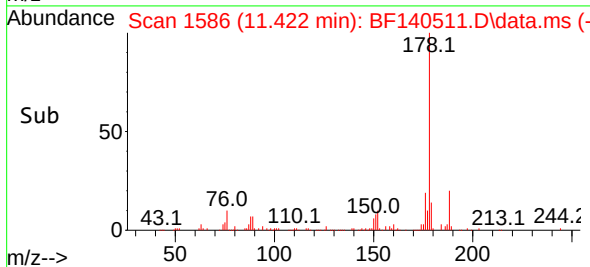
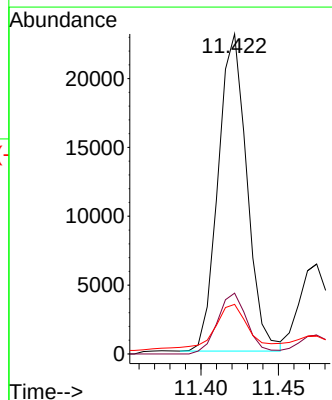
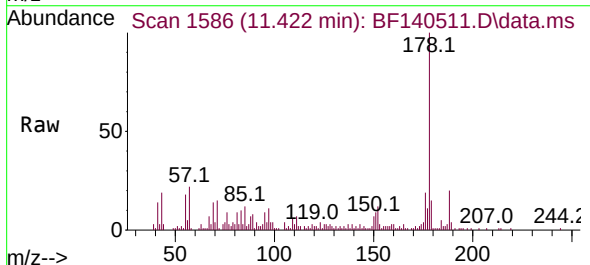
Manual Integrations
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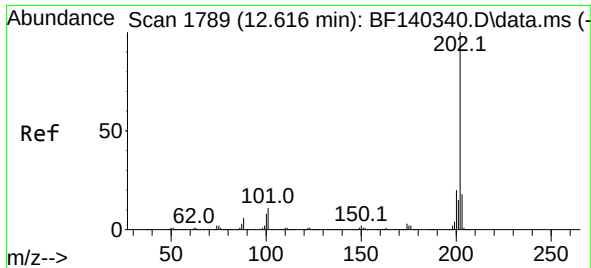
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#71
Phenanthrene
Concen: 2.034 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

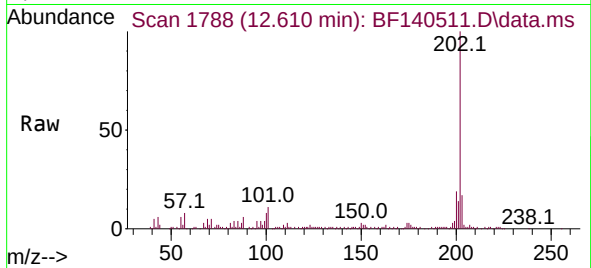
Tgt Ion:178 Resp: 29735
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.5 12.4 18.6





#75
Fluoranthene
Concen: 4.333 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

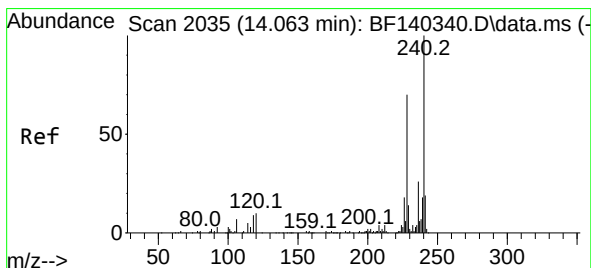
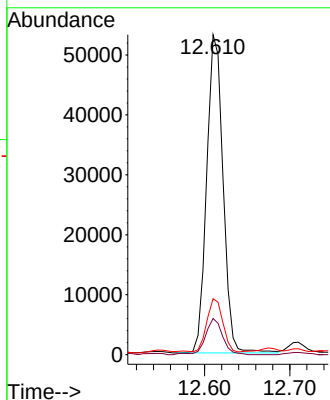
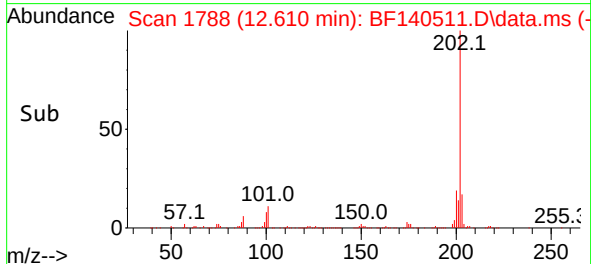
Instrument :
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BU-02-111824



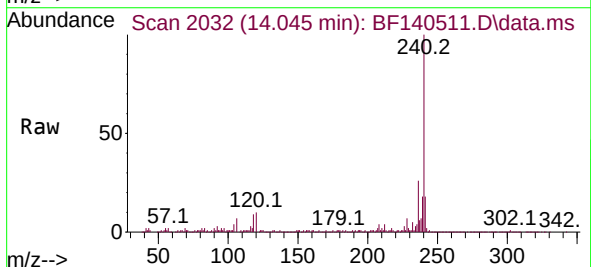
Tgt Ion:202 Resp: 71065
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 17.5 0.0 37.7

Manual Integrations
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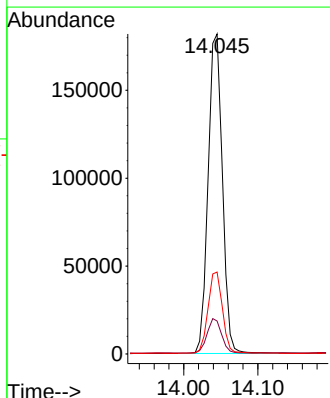
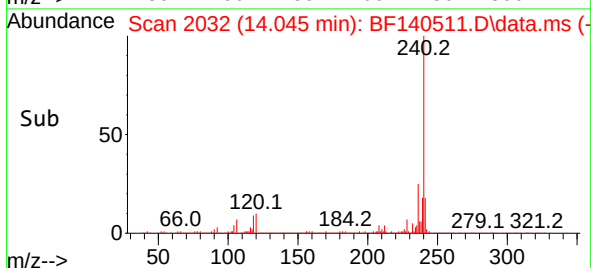
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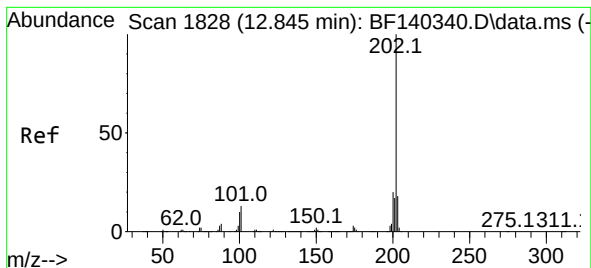


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28



Tgt Ion:240 Resp: 243298
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 25.6 20.9 31.3





#78

Pyrene

Concen: 3.449 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF140511.D

Acq: 20 Nov 2024 20:28

Instrument :

BNA_F

ClientSampleId :

BU-02-111824

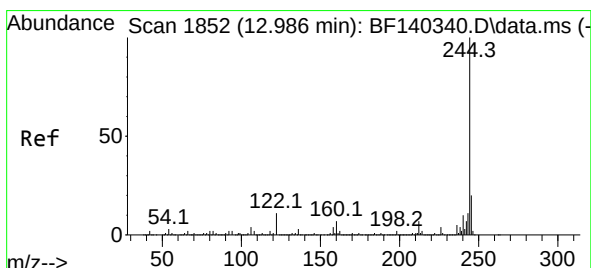
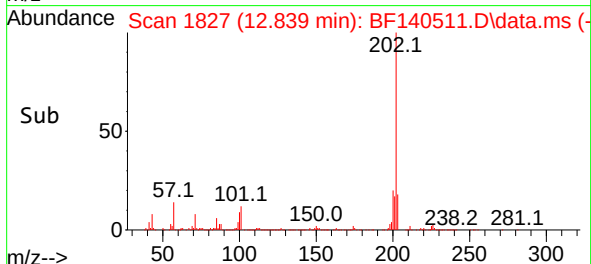
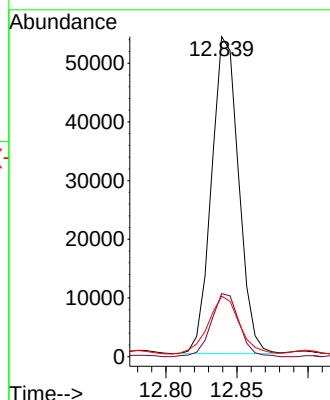
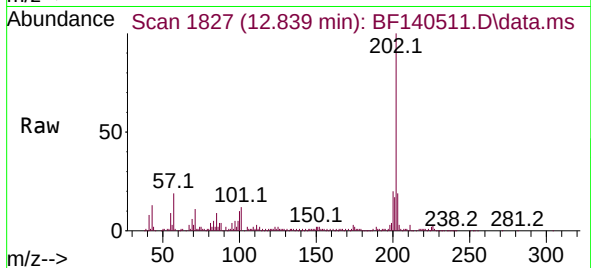
Tgt Ion:	202	Resp:	71768
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.2	24.2
203	18.9	14.2	21.4

Manual Integrations

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Supervised By :mohammad ahmed 11/22/2024



#79

Terphenyl-d14

Concen: 42.392 ng

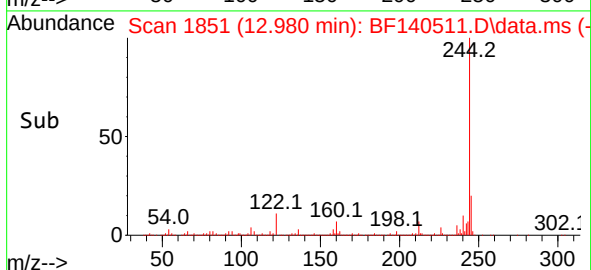
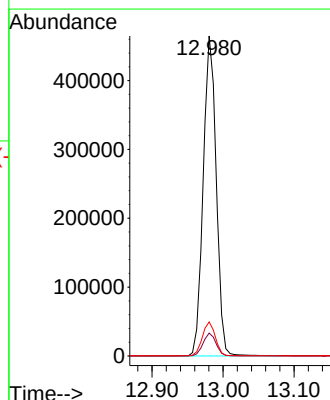
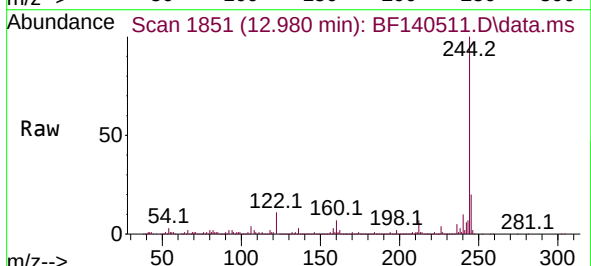
RT: 12.980 min Scan# 1851

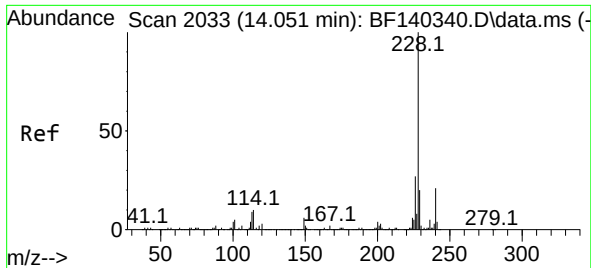
Delta R.T. -0.006 min

Lab File: BF140511.D

Acq: 20 Nov 2024 20:28

Tgt Ion:	244	Resp:	594188
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	10.6	8.8	13.2





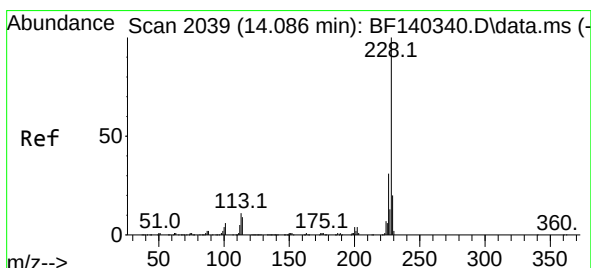
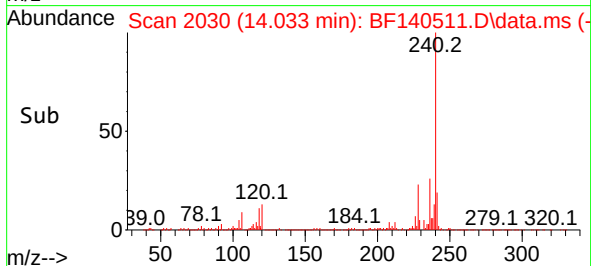
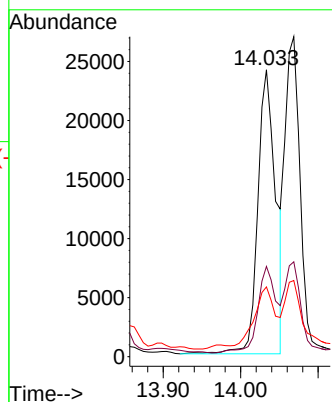
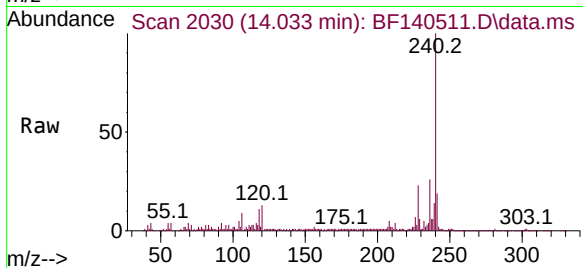
#81
Benzo(a)anthracene
Concen: 2.401 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Instrument :
BNA_F
ClientSampleId :
BU-02-111824

Tgt Ion:228 Resp: 3839
Ion Ratio Lower Upper
228 100
226 31.5 22.2 33.4
229 24.3 15.8 23.6

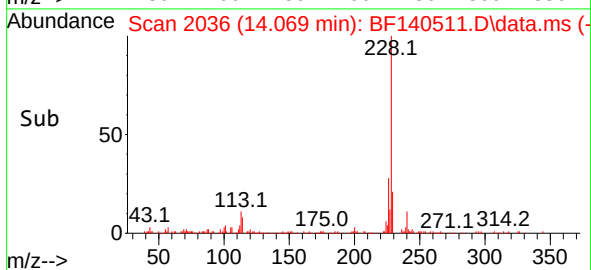
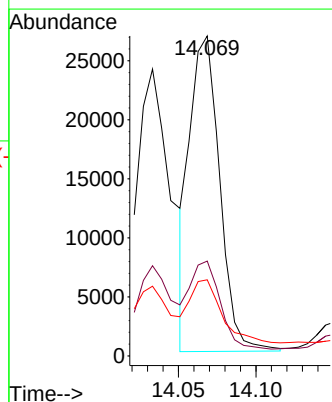
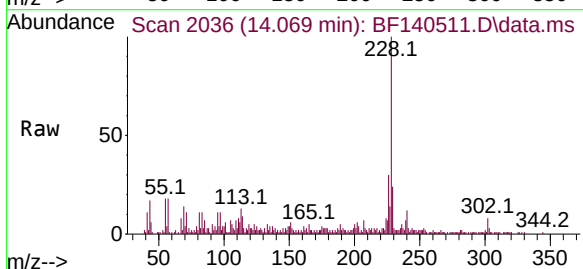
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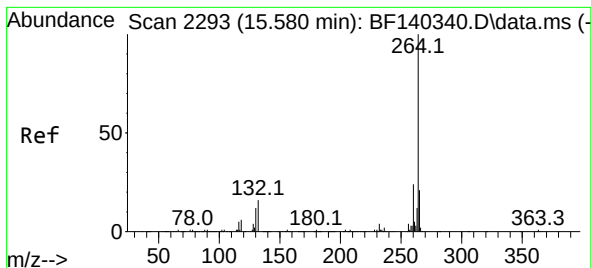
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#83
Chrysene
Concen: 2.461 ng
RT: 14.069 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Tgt Ion:228 Resp: 35901
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 23.8 16.0 24.0





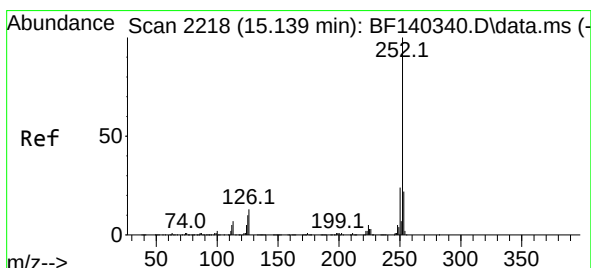
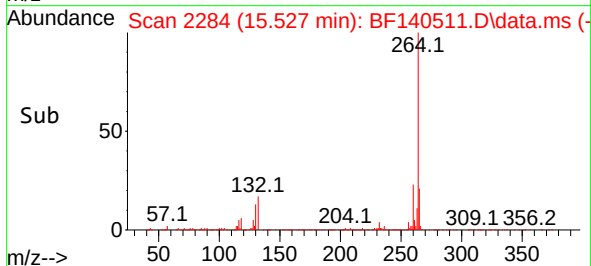
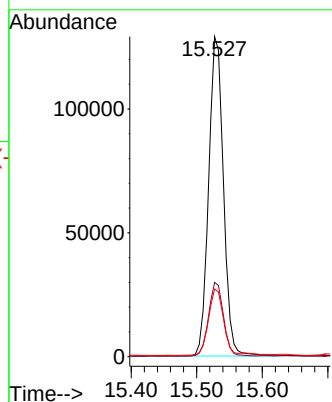
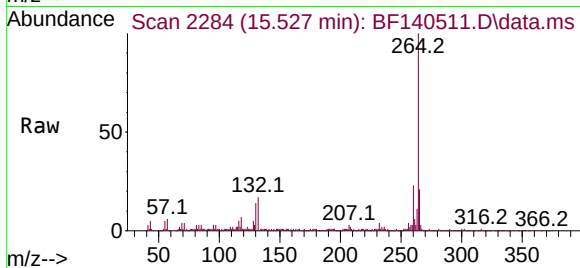
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2110
Delta R.T. -0.029 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Instrument :
BNA_F
ClientSampleId :
BU-02-111824

Tgt Ion:264 Resp: 202549
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.1 17.1 25.7

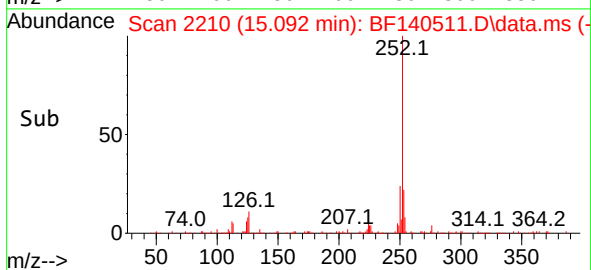
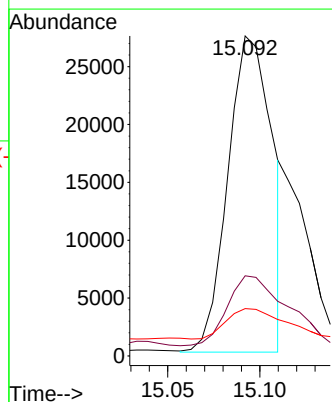
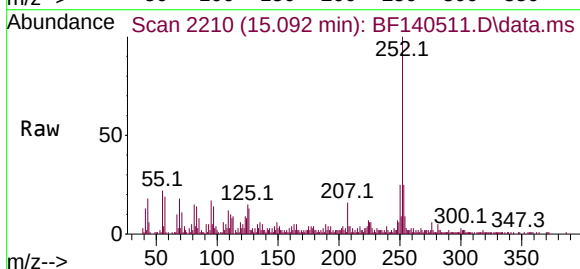
Manual Integrations
APPROVED

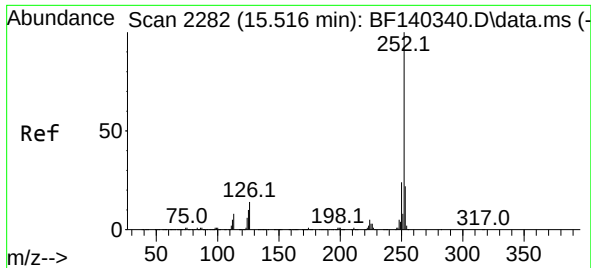
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#88
Benzo(b)fluoranthene
Concen: 3.451 ng m
RT: 15.092 min Scan# 2210
Delta R.T. -0.024 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Tgt Ion:252 Resp: 45728
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 14.8 8.0 12.0#





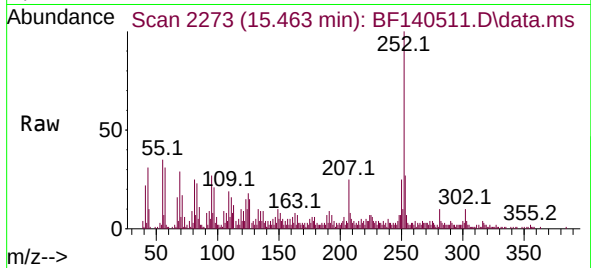
#90
Benzo(a)pyrene
Concen: 2.404 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF140511.D
Acq: 20 Nov 2024 20:28

Instrument :

BNA_F

ClientSampleId :

BU-02-111824



Tgt Ion:252 Resp: 2473
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.6
125 17.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024

