

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140561.D
 Acq On : 22 Nov 2024 02:39
 Operator : RC/JU
 Sample : P4936-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-11202024

Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

Quant Time: Nov 22 03:32:31 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							11/25/2024
1) 1,4-Dichlorobenzene-d4	6.869	152	59987	20.000	ng	0.00	Supervised By :mohammad
21) Naphthalene-d8	8.151	136	222924	20.000	ng	0.00	Summed
39) Acenaphthene-d10	9.910	164	114420	20.000	ng	0.00	
64) Phenanthrene-d10	11.398	188	183314	20.000	ng	0.00	
76) Chrysene-d12	14.045	240	111134	20.000	ng	0.00	
86) Perylene-d12	15.533	264	86229	20.000	ng	0.00	11/27/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	34156	9.715	ng	0.00	
7) Phenol-d6	6.504	99	43518	9.363	ng	-0.01	
23) Nitrobenzene-d5	7.434	82	26933	6.180	ng	0.00	
42) 2,4,6-Tribromophenol	10.698	330	9373	7.659	ng	0.00	
45) 2-Fluorobiphenyl	9.228	172	57756	7.521	ng	0.00	
79) Terphenyl-d14	12.980	244	48044	6.732	ng	-0.01	
Target Compounds						Qvalue	
71) Phenanthrene	11.422	178	56788	6.445	ng	97	
72) Anthracene	11.475	178	17511	2.032	ng	99	
75) Fluoranthene	12.616	202	97422	10.183	ng	98	
78) Pyrene	12.845	202	124305	12.097	ng	99	
81) Benzo(a)anthracene	14.033	228	60954	8.286	ng	95	
83) Chrysene	14.069	228	51464	7.651	ng	98	
87) Indeno(1,2,3-cd)pyrene	17.033	276	32759	5.830	ng	98	
88) Benzo(b)fluoranthene	15.098	252	75099m	13.866	ng		
89) Benzo(k)fluoranthene	15.116	252	24718m	5.215	ng		
90) Benzo(a)pyrene	15.468	252	51281	11.645	ng	98	
92) Benzo(g,h,i)perylene	17.492	276	32697	6.962	ng	96	

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

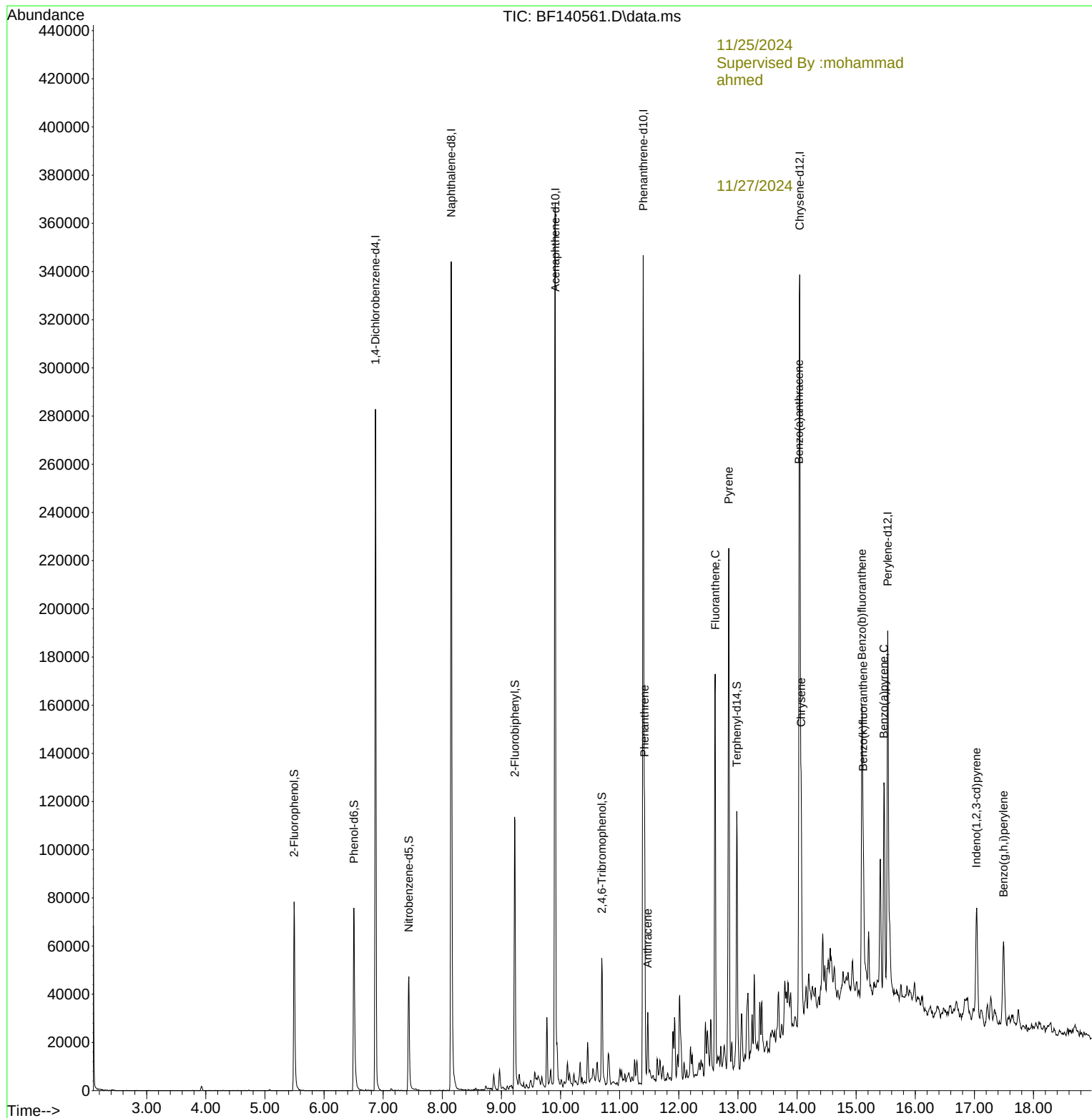
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140561.D
Acq On : 22 Nov 2024 02:39
Operator : RC/JU
Sample : P4936-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

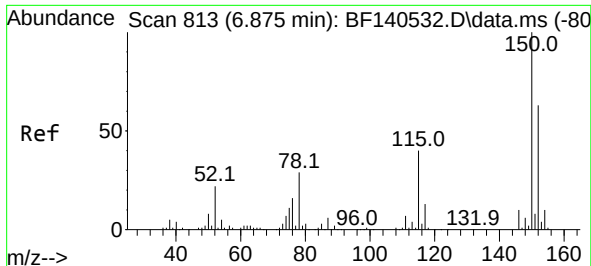
Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

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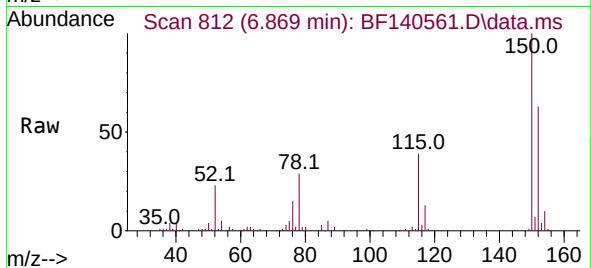
Quant Time: Nov 22 03:32:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

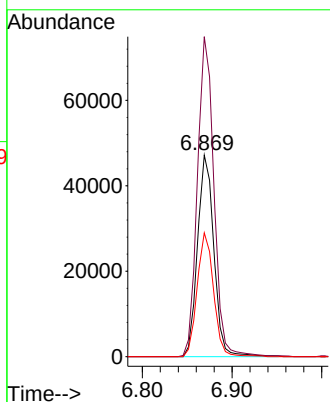
Instrument :
BNA_F
ClientSampleId :
PL-01-112024



Tgt Ion:152 Resp: 5998
Ion Ratio Lower Upper
152 100
150 158.8 128.5 192.7
115 61.4 50.2 75.4

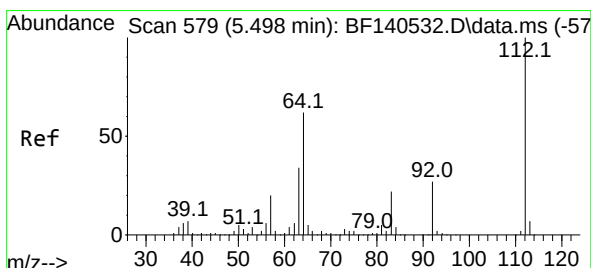
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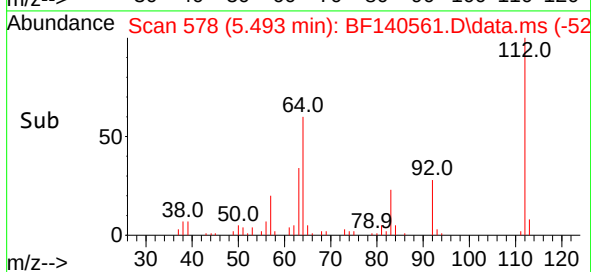
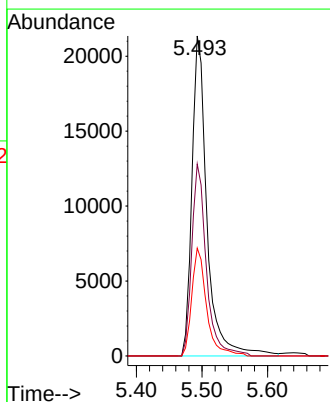
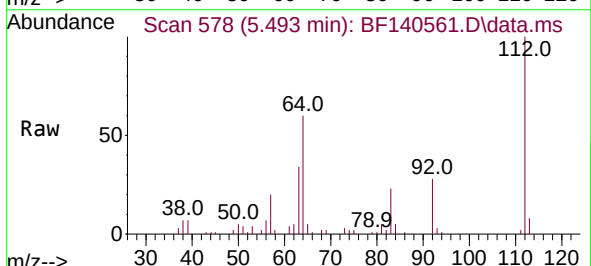
11/25/2024
Supervised By :mohammad
ahmed

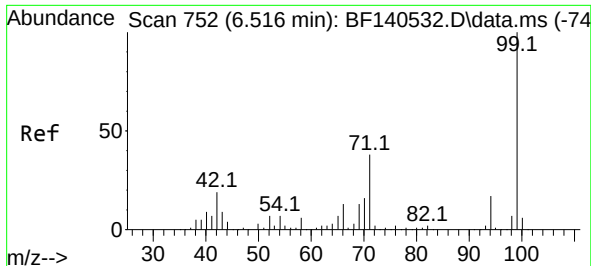
11/27/2024



#5
2-Fluorophenol
Concen: 9.715 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

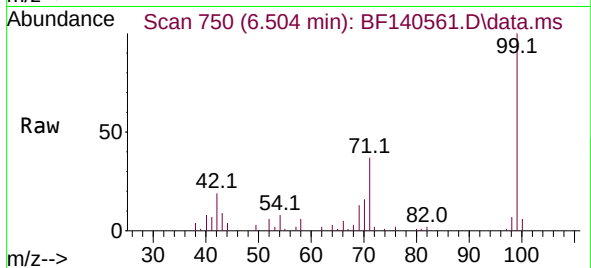
Tgt Ion:112 Resp: 34156
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 33.7 27.0 40.4





#7
Phenol-d6
Concen: 9.363 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

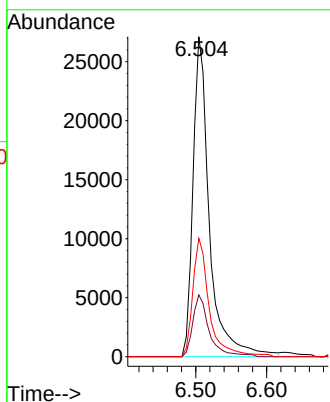
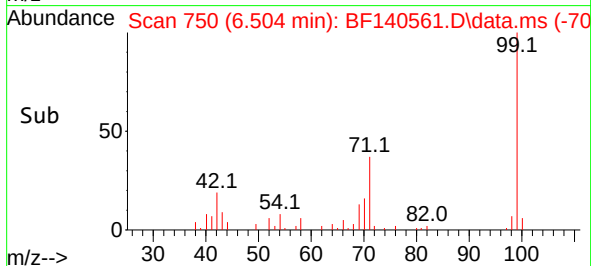
Instrument :
BNA_F
ClientSampleId :
PL-01-112024



Tgt Ion: 99 Resp: 43518
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 37.0 30.6 46.0

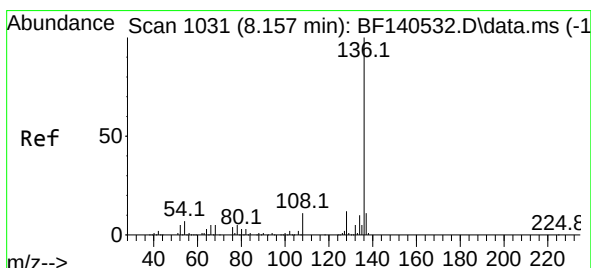
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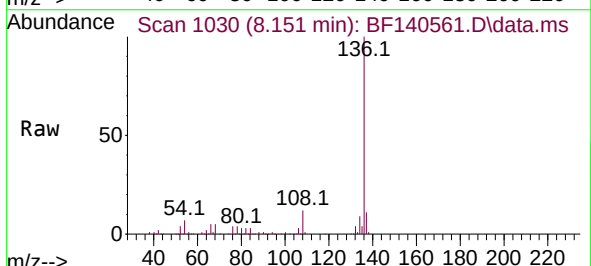


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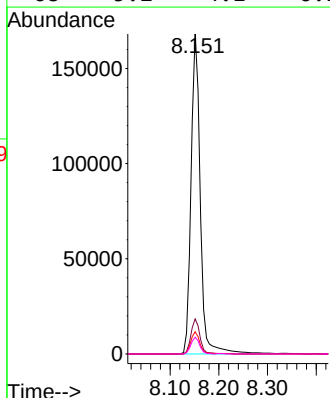
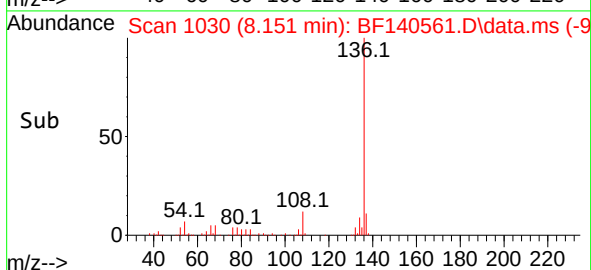
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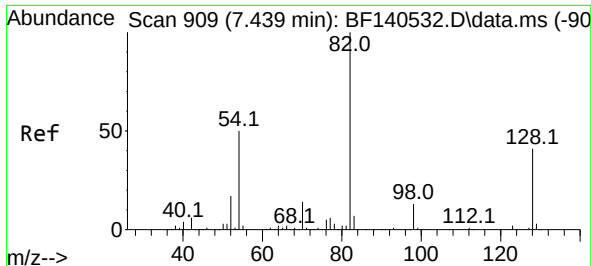


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39



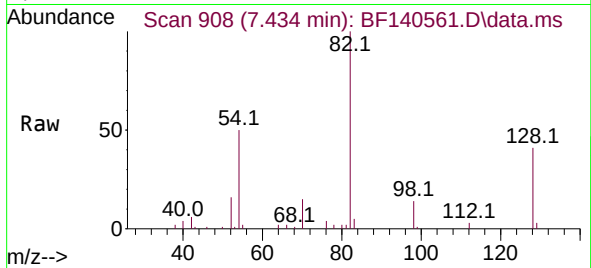
Tgt Ion:136 Resp: 222924
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1





#23
Nitrobenzene-d5
Concen: 6.180 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

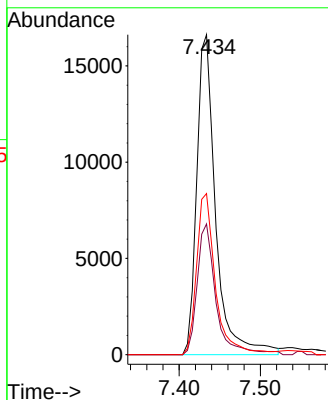
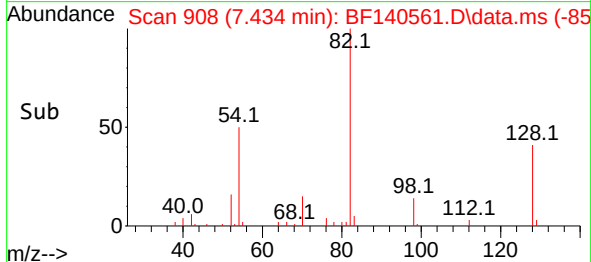
Instrument :
BNA_F
ClientSampleId :
PL-01-11202024



Tgt Ion: 82 Resp: 2693
Ion Ratio Lower Upper
82 100
128 40.9 33.0 49.4
54 50.3 39.5 59.3

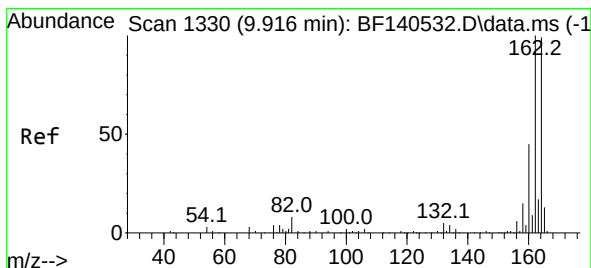
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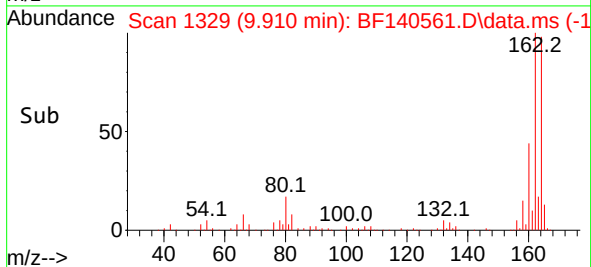
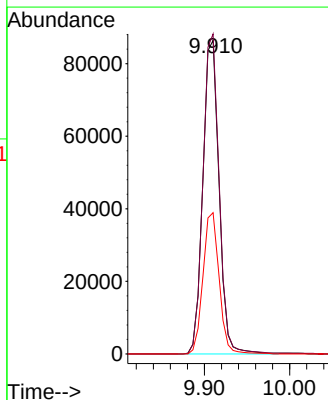
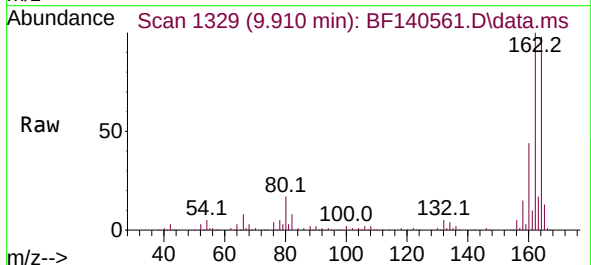
11/25/2024
Supervised By :mohammad
ahmed

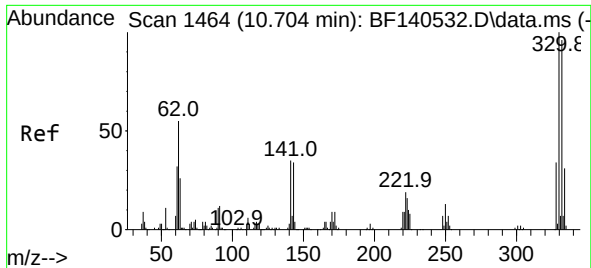
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

Tgt Ion:164 Resp: 114420
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.1 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 7.659 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

Instrument :

BNA_F

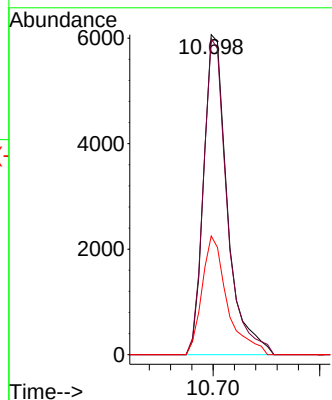
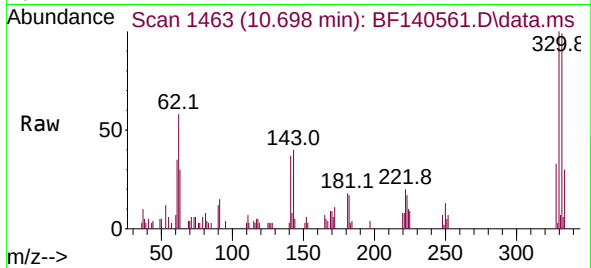
ClientSampleId :

PL-01-11202024

Tgt Ion:330 Resp: 937
Ion Ratio Lower Upper
330 100
332 98.6 76.9 115.3
141 39.5 26.7 40.1

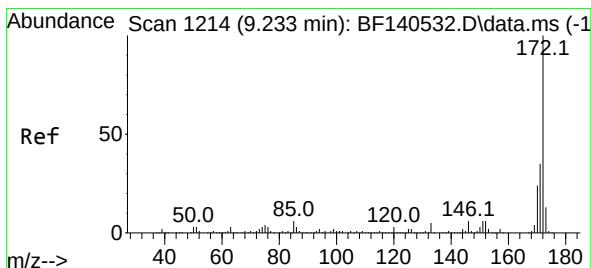
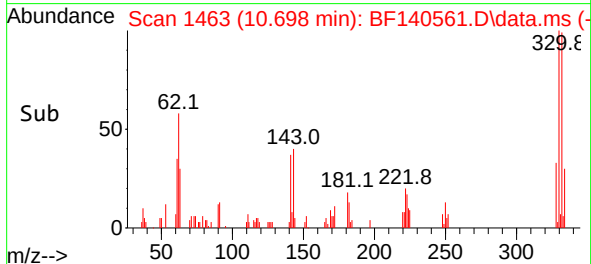
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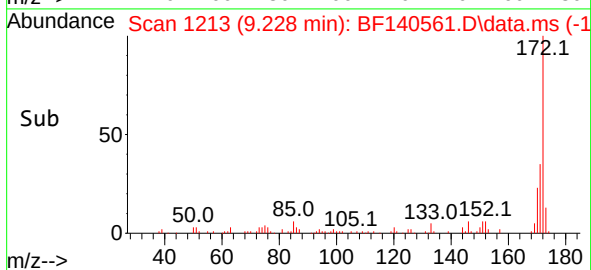
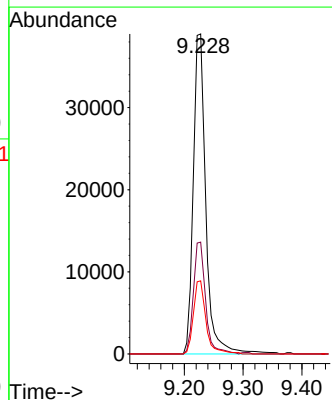
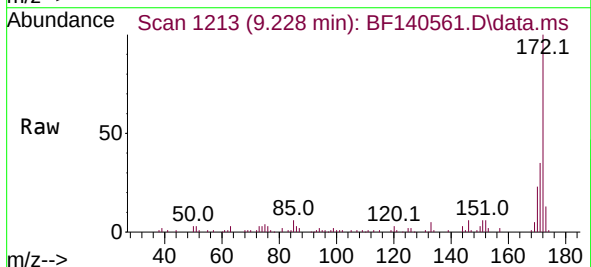
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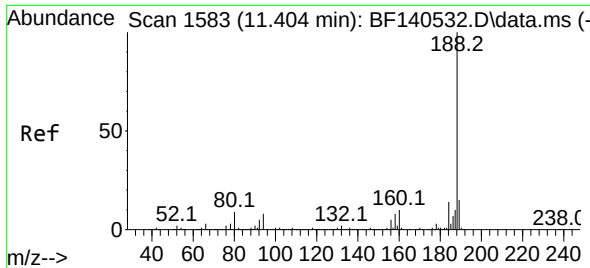
11/27/2024



#45
2-Fluorobiphenyl
Concen: 7.521 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

Tgt Ion:172 Resp: 57756
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 22.9 19.0 28.6





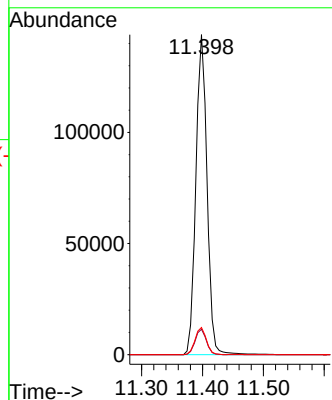
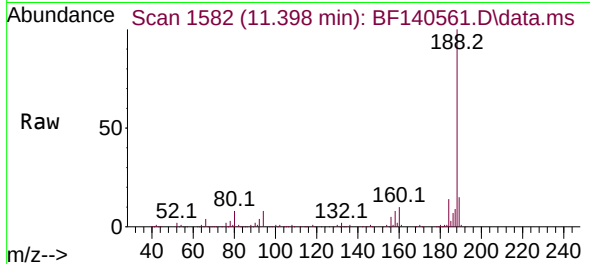
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

Tgt Ion:188 Resp: 183314
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.5 6.9 10.3

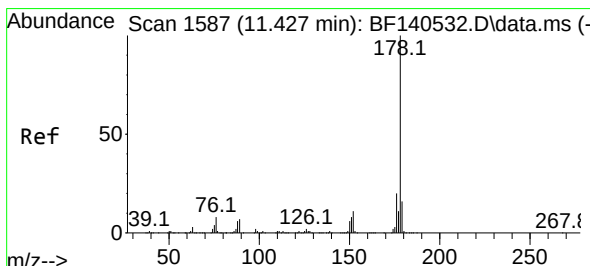
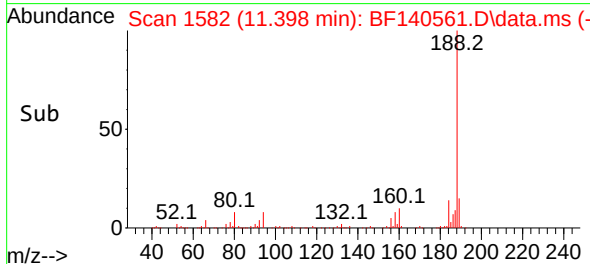
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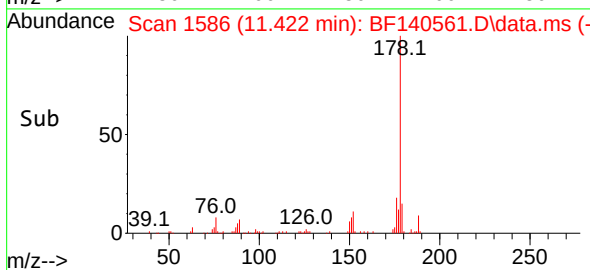
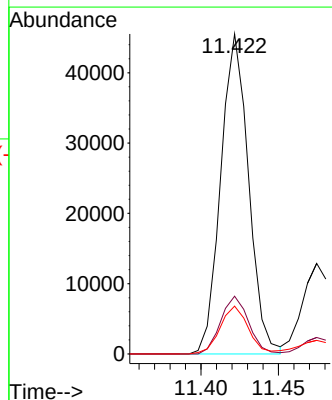
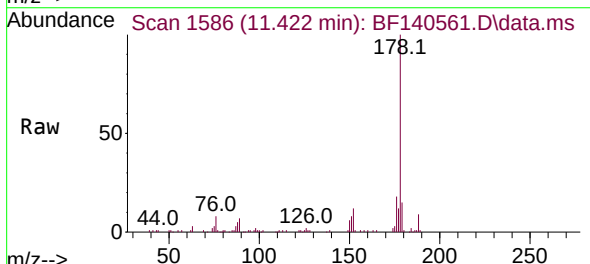
11/25/2024
Supervised By :mohammad
ahmed

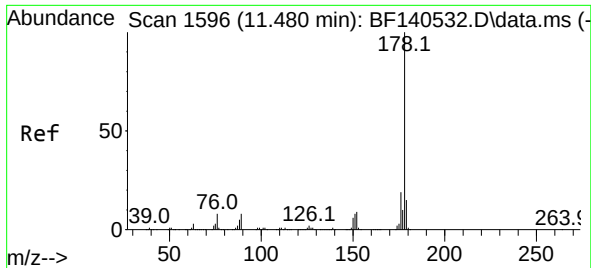
11/27/2024



#71
Phenanthrene
Concen: 6.445 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

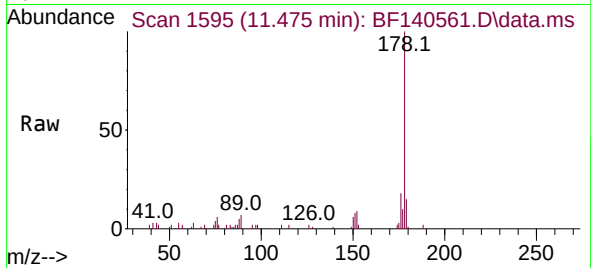
Tgt Ion:178 Resp: 56788
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 15.0 12.4 18.6





#72
 Anthracene
 Concen: 2.032 ng
 RT: 11.475 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140561.D
 Acq: 22 Nov 2024 02:39

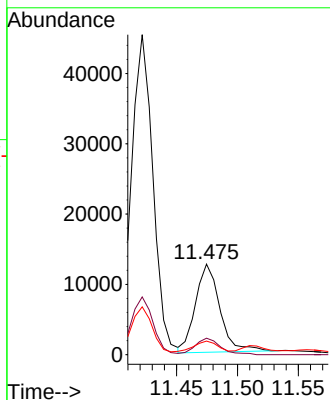
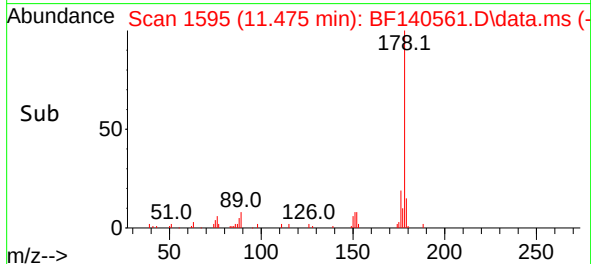
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112024



Tgt Ion:178 Resp: 1751
 Ion Ratio Lower Upper
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 176 18.3 15.0 22.4
 179 15.0 12.2 18.4

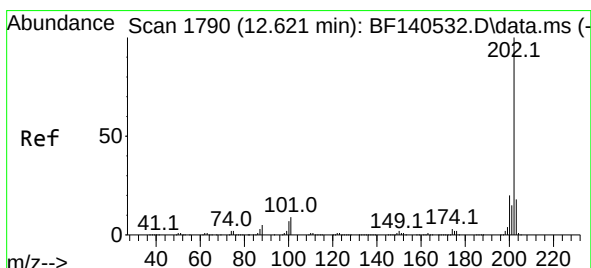
Manual Integrations
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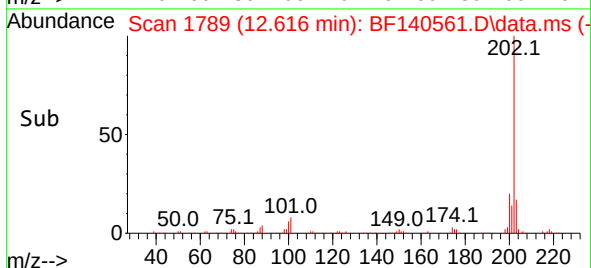
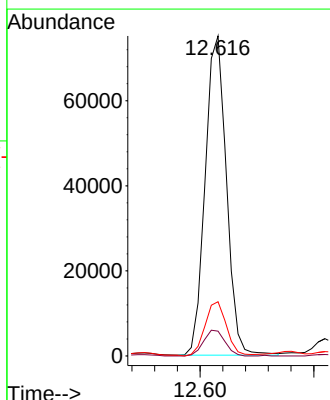
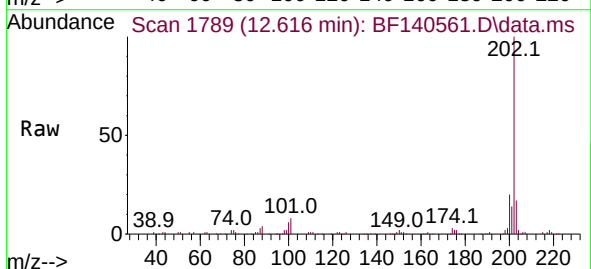
11/25/2024
 Supervised By :mohammad
 ahmed

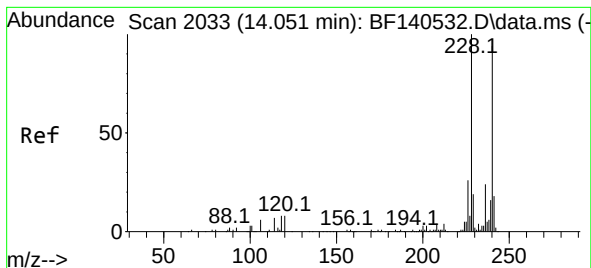
11/27/2024



#75
 Fluoranthene
 Concen: 10.183 ng
 RT: 12.616 min Scan# 1789
 Delta R.T. -0.006 min
 Lab File: BF140561.D
 Acq: 22 Nov 2024 02:39

Tgt Ion:202 Resp: 97422
 Ion Ratio Lower Upper
 202 100
 101 7.8 0.0 28.9
 203 17.0 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140561.D

Acq: 22 Nov 2024 02:39

Instrument :

BNA_F

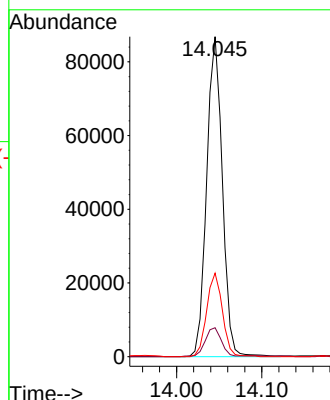
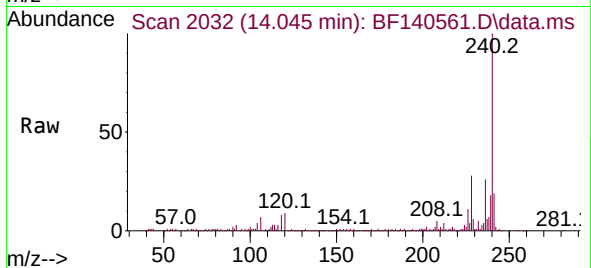
ClientSampleId :

PL-01-112024

Tgt Ion:240 Resp: 111134
 Ion Ratio Lower Upper
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 120 9.1 7.3 10.9
 236 26.1 20.6 31.0

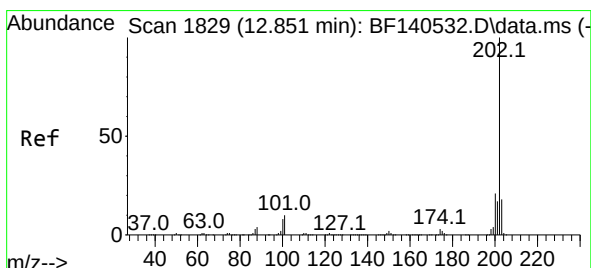
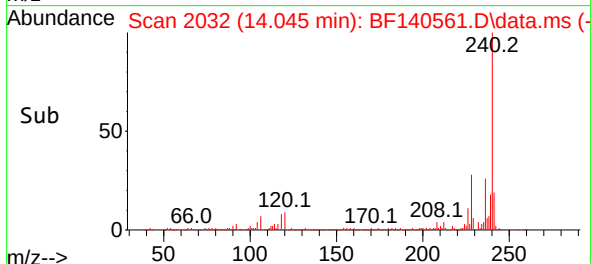
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 ahmed

11/27/2024



#78

Pyrene

Concen: 12.097 ng

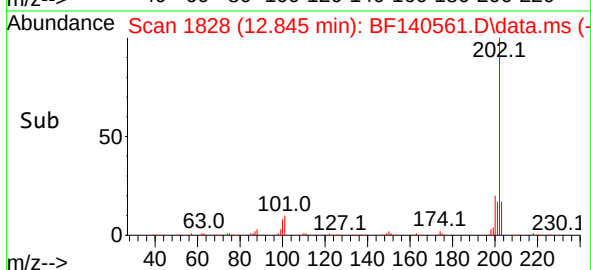
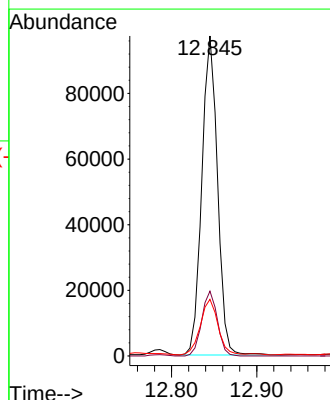
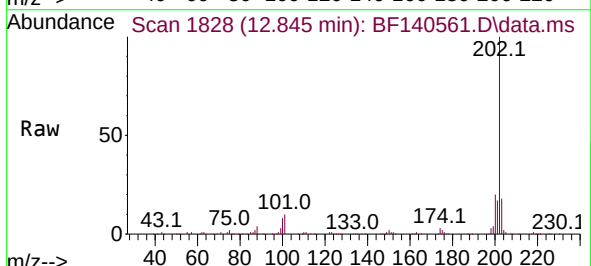
RT: 12.845 min Scan# 1828

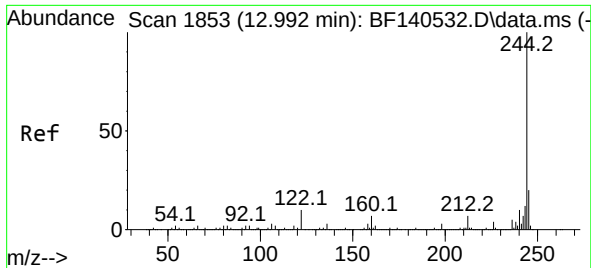
Delta R.T. -0.006 min

Lab File: BF140561.D

Acq: 22 Nov 2024 02:39

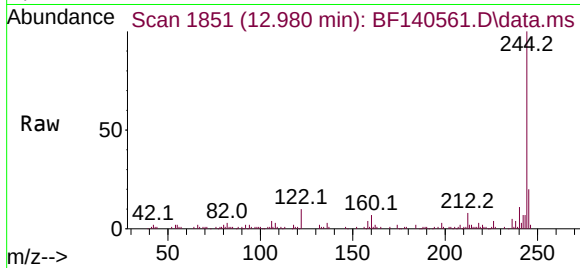
Tgt Ion:202 Resp: 124305
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.5 24.7
 203 17.7 14.2 21.4





#79
Terphenyl-d14
Concen: 6.732 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

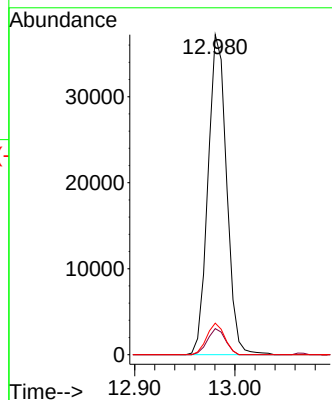
Instrument :
BNA_F
ClientSampleId :
PL-01-11202024



Tgt Ion:244 Resp: 4804
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 9.8 8.0 12.0

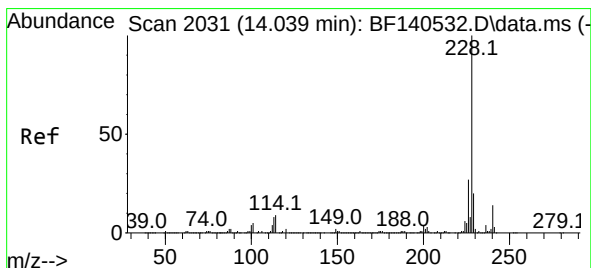
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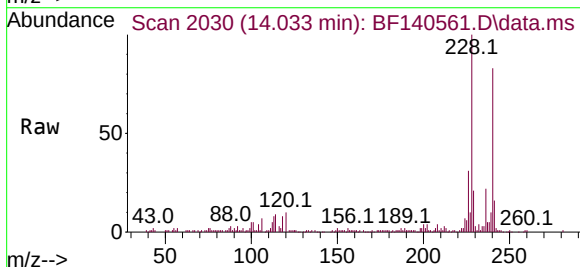


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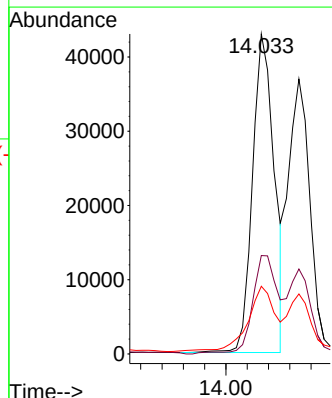
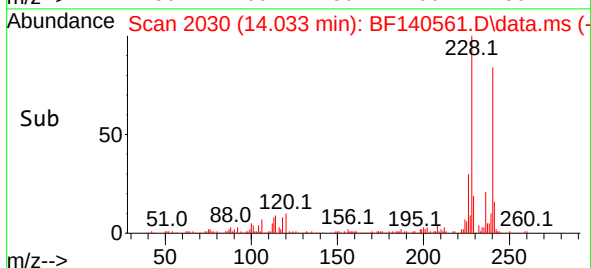
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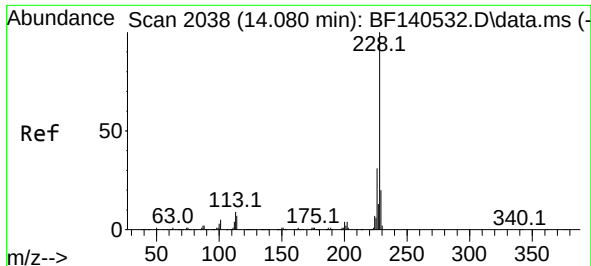


#81
Benzo(a)anthracene
Concen: 8.286 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39



Tgt Ion:228 Resp: 60954
Ion Ratio Lower Upper
228 100
226 30.7 21.8 32.8
229 21.1 15.8 23.6





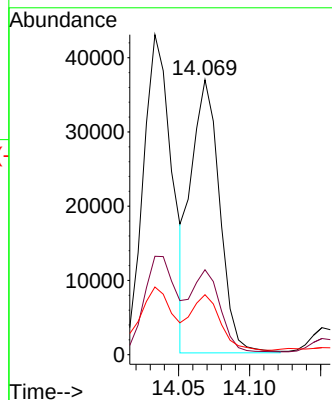
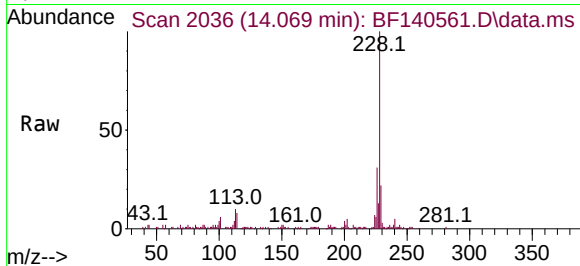
#83
Chrysene
Concen: 7.651 ng
RT: 14.069 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

Instrument :
BNA_F
ClientSampleId :
PL-01-11202024

Tgt Ion:228 Resp: 51464
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 21.8 15.8 23.6

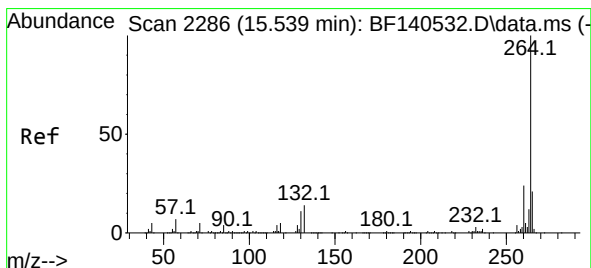
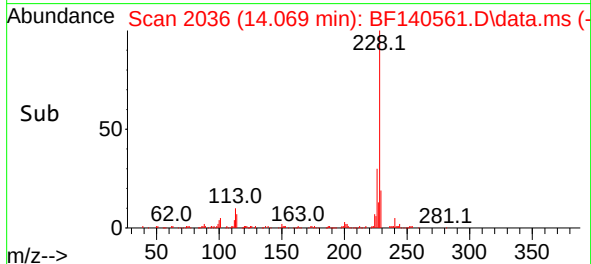
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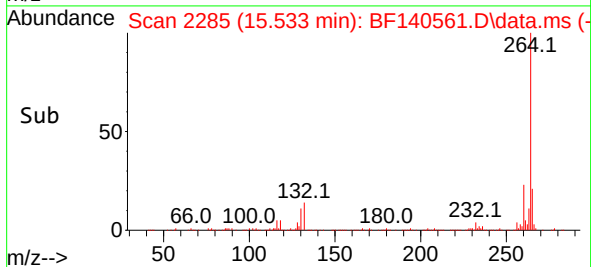
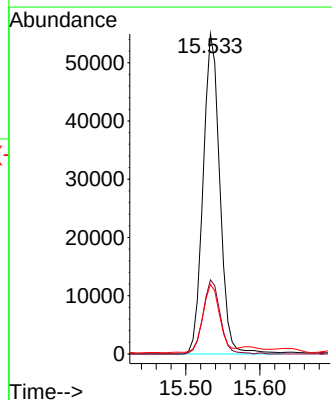
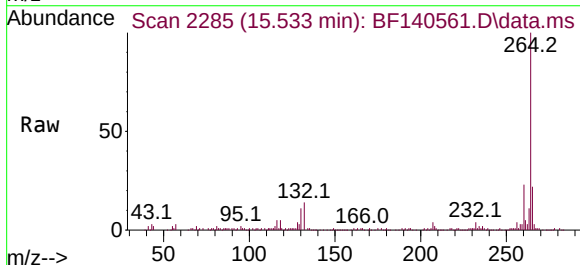
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ahmed

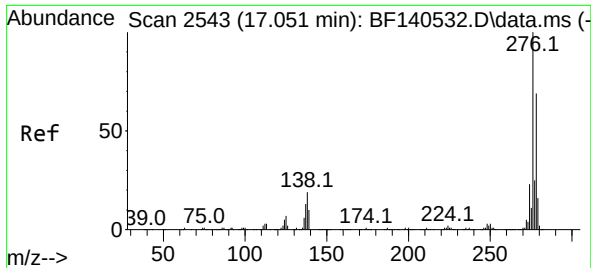
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

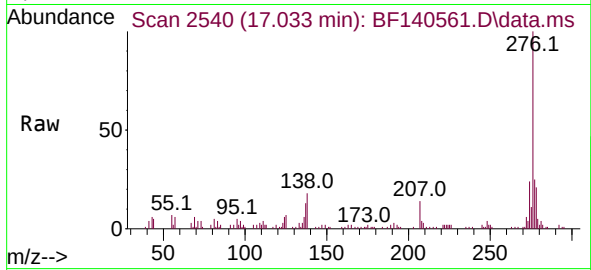
Tgt Ion:264 Resp: 86229
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 21.8 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.830 ng
 RT: 17.033 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF140561.D
 Acq: 22 Nov 2024 02:39

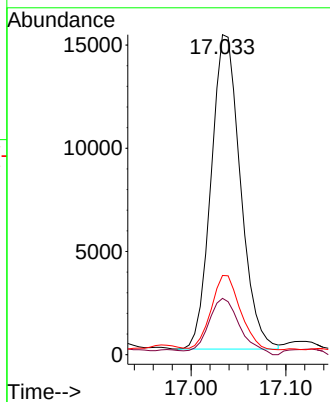
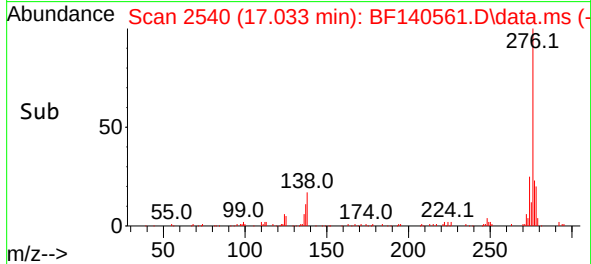
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112024



Tgt Ion:276 Resp: 3275
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.5 23.3
 277 23.5 20.1 30.1

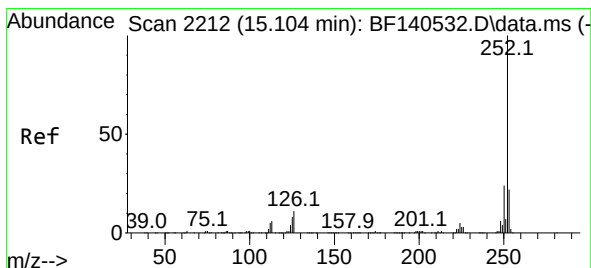
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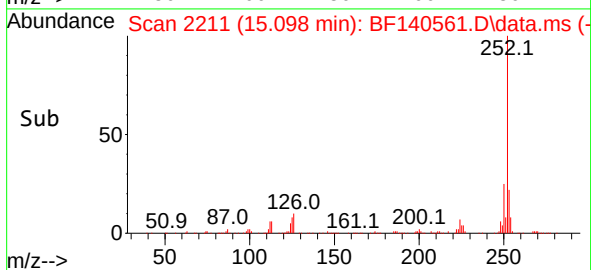
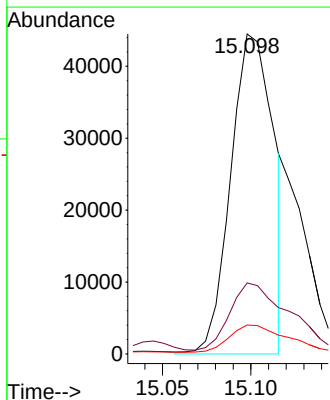
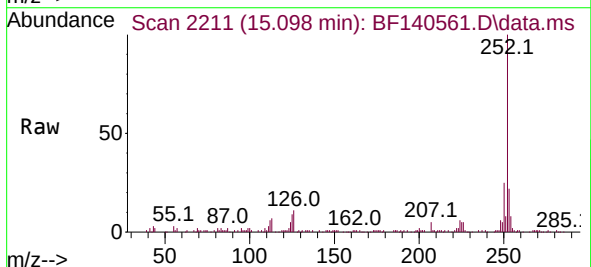
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 ahmed

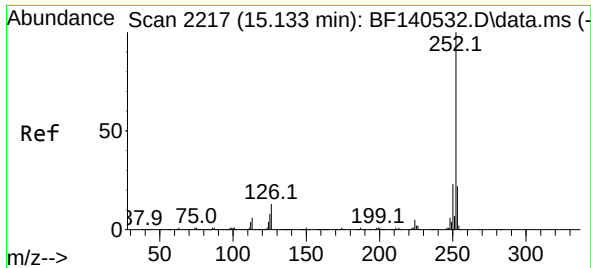
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#88
 Benzo(b)fluoranthene
 Concen: 13.866 ng m
 RT: 15.098 min Scan# 2211
 Delta R.T. -0.006 min
 Lab File: BF140561.D
 Acq: 22 Nov 2024 02:39

Tgt Ion:252 Resp: 75099
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.2 25.8
 125 9.1 6.7 10.1





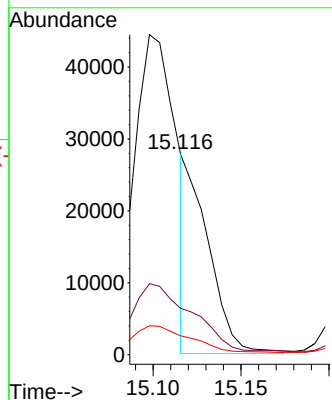
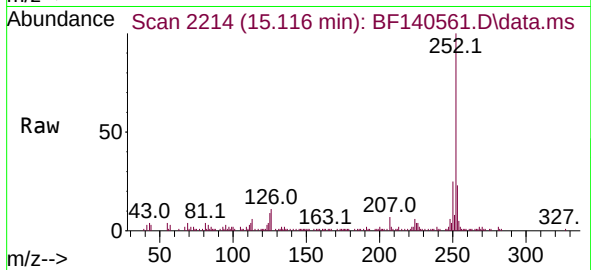
#89
Benzo(k)fluoranthene
Concen: 5.215 ng m
RT: 15.116 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

Instrument :
BNA_F
ClientSampleId :
PL-01-112024

Tgt Ion:252 Resp: 24718
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 9.4 6.5 9.7

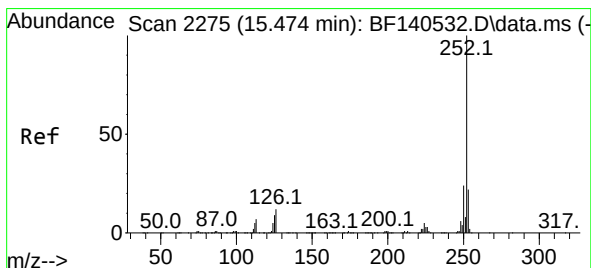
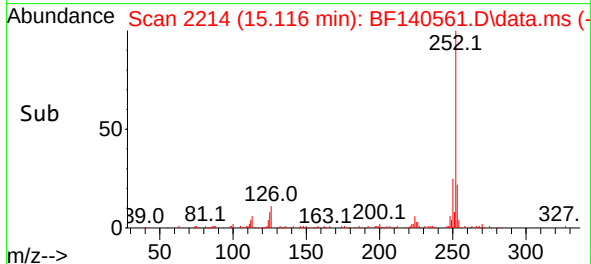
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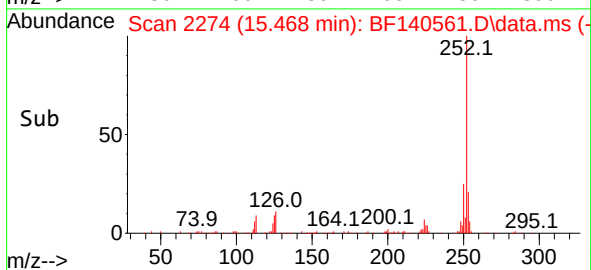
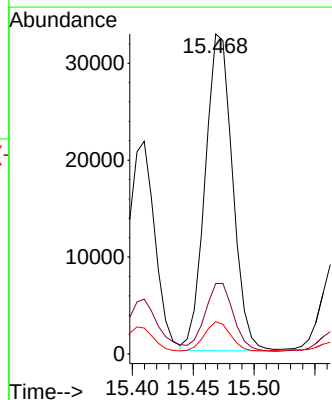
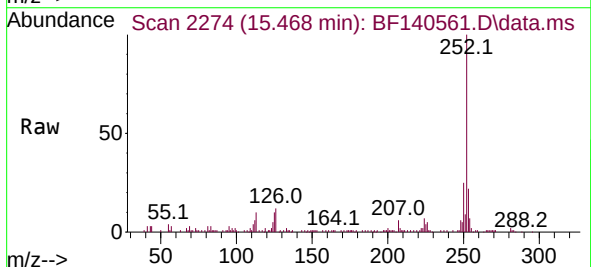
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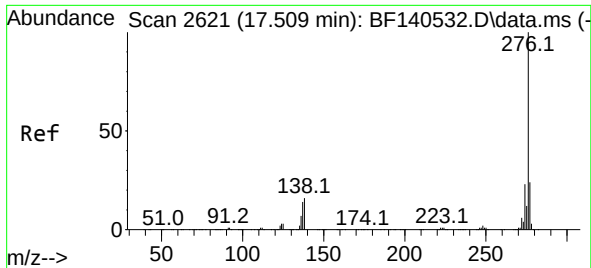
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#90
Benzo(a)pyrene
Concen: 11.645 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF140561.D
Acq: 22 Nov 2024 02:39

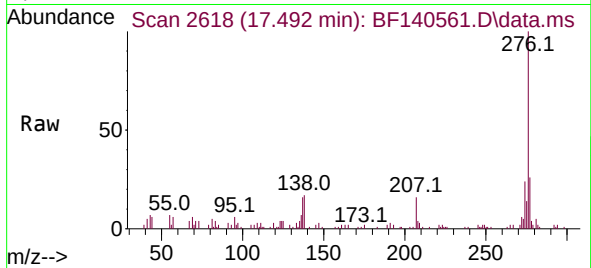
Tgt Ion:252 Resp: 51281
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.1 7.0 10.6





#92
 Benzo(g,h,i)perylene
 Concen: 6.962 ng
 RT: 17.492 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF140561.D
 Acq: 22 Nov 2024 02:39

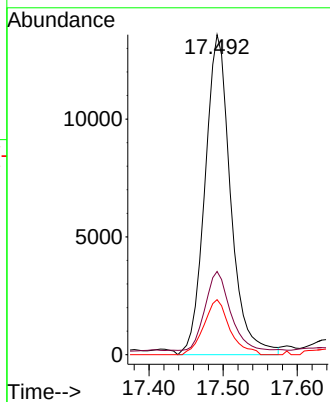
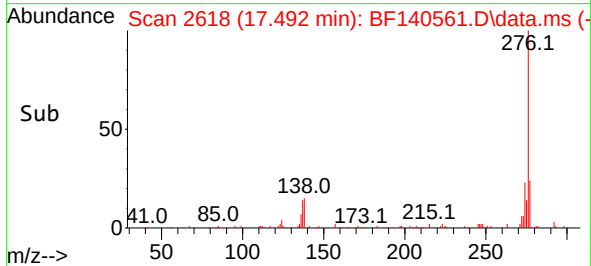
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-11202024



Tgt Ion:	276	Resp:	3269
Ion Ratio	Lower	Upper	
276	100		
277	26.0	18.9	28.3
138	17.2	13.2	19.8

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