

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138415.D
 Acq On : 01 Jul 2024 21:05
 Operator : CG\JU
 Sample : P3076-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-N-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024

Quant Time: Jul 02 01:17:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	177342	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	650167	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	277471	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	379410	20.000	ng	0.00
76) Chrysene-d12	14.027	240	339364	20.000	ng	0.00
86) Perylene-d12	15.492	264	253630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	824284	77.061	ng	0.00
7) Phenol-d6	6.510	99	1053306	73.100	ng	0.00
23) Nitrobenzene-d5	7.433	82	654875	52.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	142553	62.883	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	977750	56.080	ng	0.00
79) Terphenyl-d14	12.974	244	816962	32.991	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	40354	2.178	ng	97
75) Fluoranthene	12.604	202	98704	5.943	ng	98
78) Pyrene	12.833	202	97055	2.676	ng	99
81) Benzo(a)anthracene	14.015	228	55925	2.560	ng	98
83) Chrysene	14.051	228	48579	2.286	ng	94
88) Benzo(b)fluoranthene	15.062	252	47375m	3.404	ng	
90) Benzo(a)pyrene	15.427	252	31531	2.585	ng	# 92

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

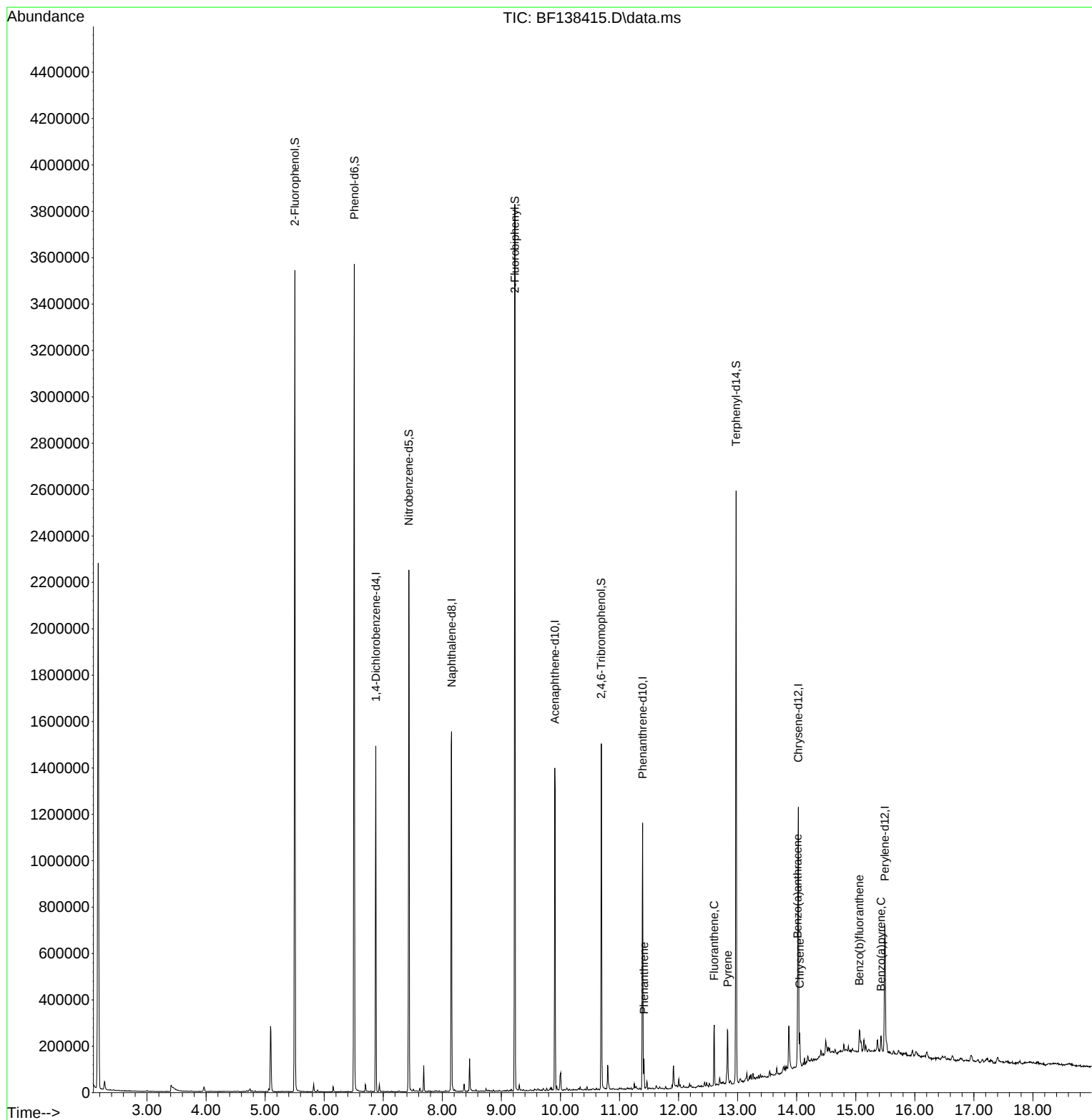
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
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ALS Vial : 22 Sample Multiplier: 1

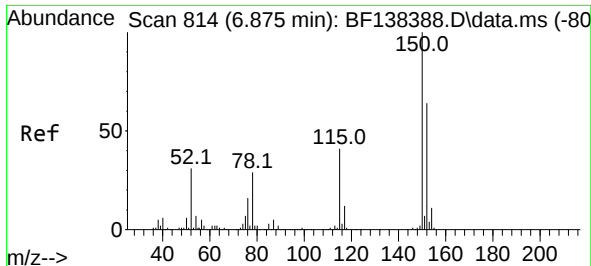
Instrument :
BNA_F
ClientSampleId :
7-N-1

Quant Time: Jul 02 01:17:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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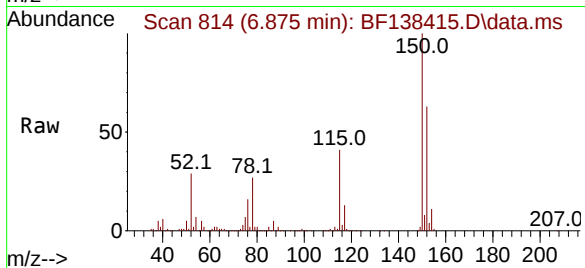
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

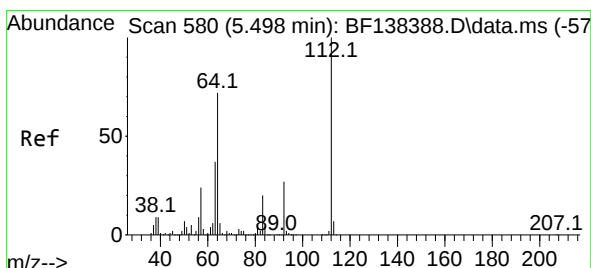
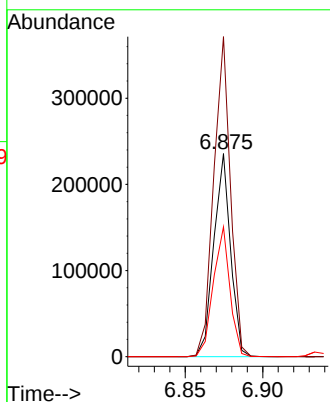
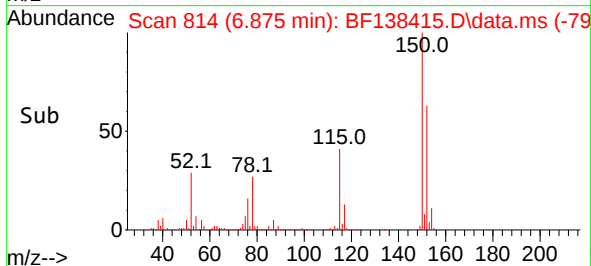
Instrument :
BNA_F
ClientSampleId :
7-N-1



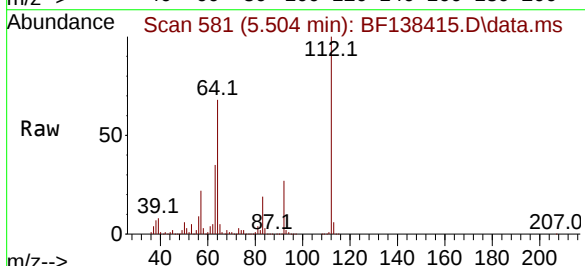
Tgt Ion:152 Resp: 17734
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 63.9 50.8 76.2

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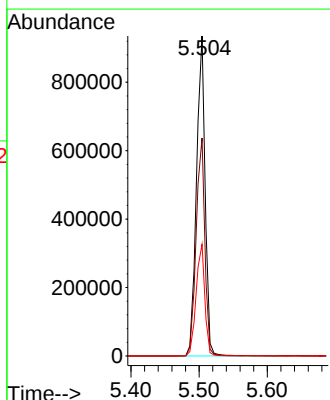
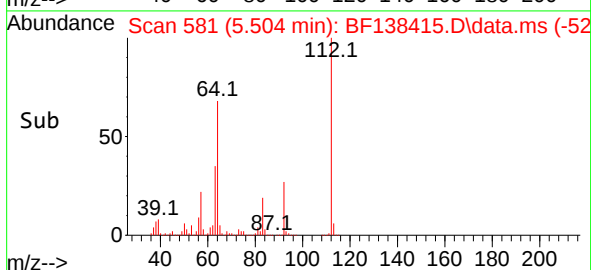
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

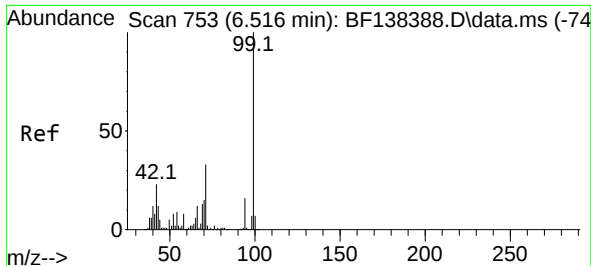


#5
2-Fluorophenol
Concen: 77.061 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05



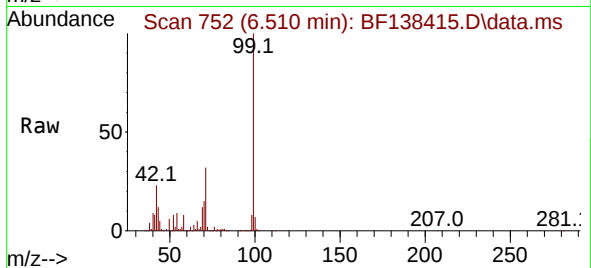
Tgt Ion:112 Resp: 824284
Ion Ratio Lower Upper
112 100
64 68.1 57.2 85.8
63 34.9 29.4 44.0





#7
Phenol-d6
Concen: 73.100 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

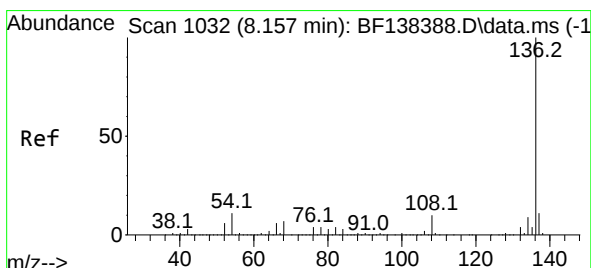
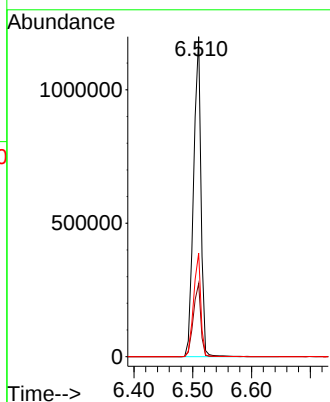
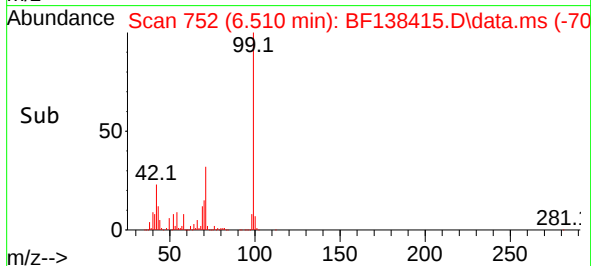
Instrument :
BNA_F
ClientSampleId :
7-N-1



Tgt Ion: 99 Resp: 1053300
Ion Ratio Lower Upper
99 100
42 22.9 18.5 27.7
71 32.4 26.1 39.1

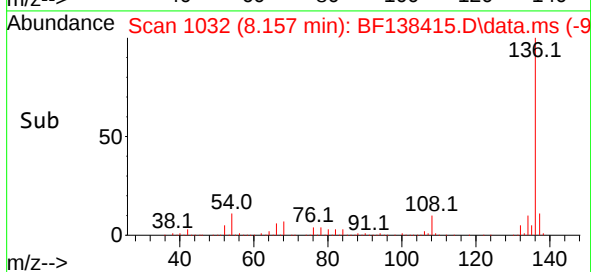
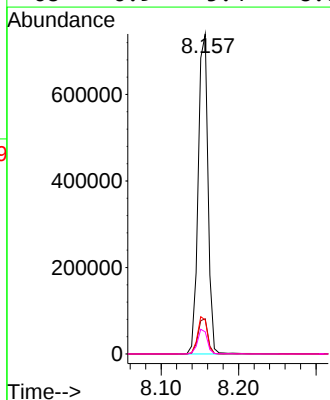
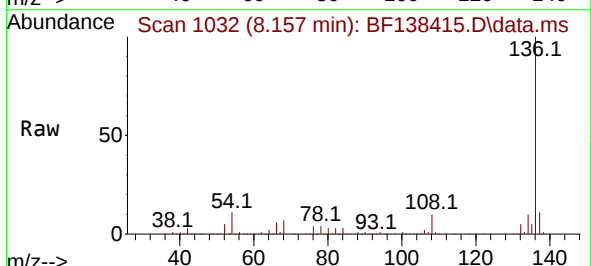
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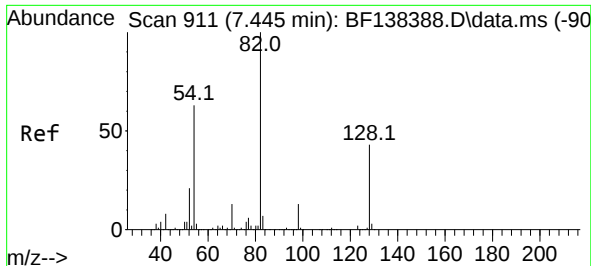
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

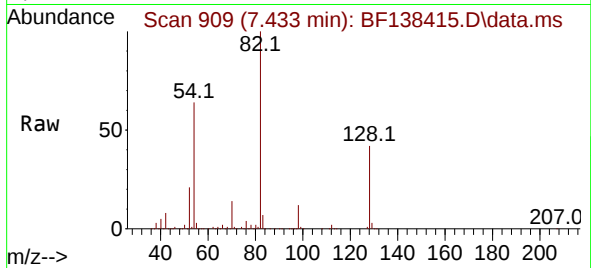
Tgt Ion:136 Resp: 650167
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.6 9.0 13.4
68 6.9 5.4 8.0





#23
Nitrobenzene-d5
Concen: 52.324 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

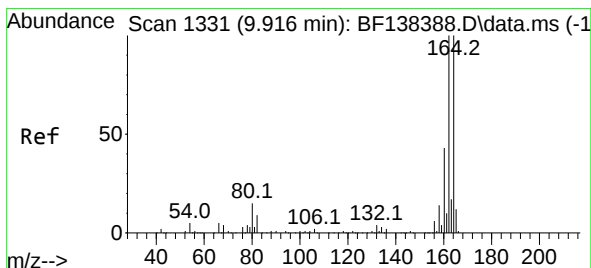
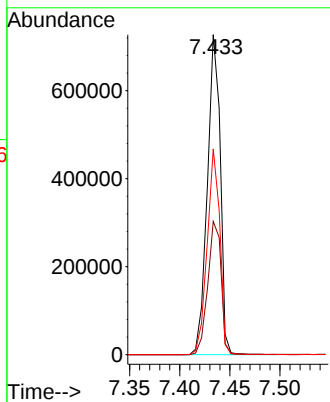
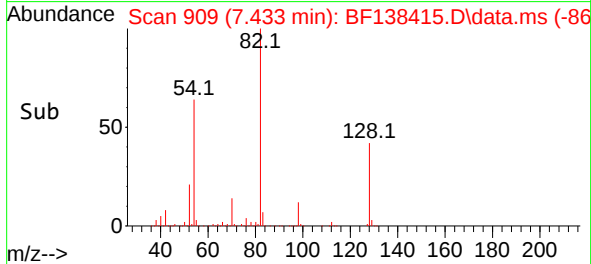
Instrument :
BNA_F
ClientSampleId :
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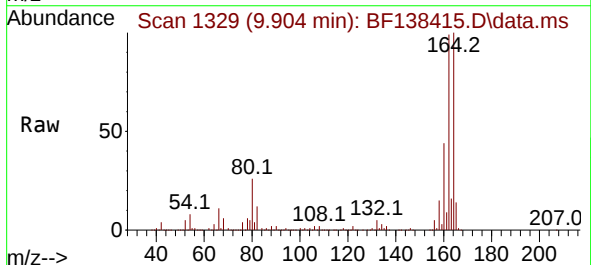
Tgt Ion: 82 Resp: 65487
Ion Ratio Lower Upper
82 100
128 41.7 34.6 52.0
54 64.3 50.5 75.7

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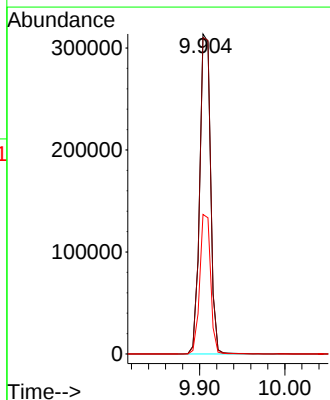
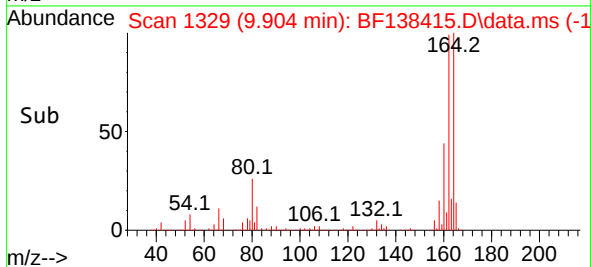
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

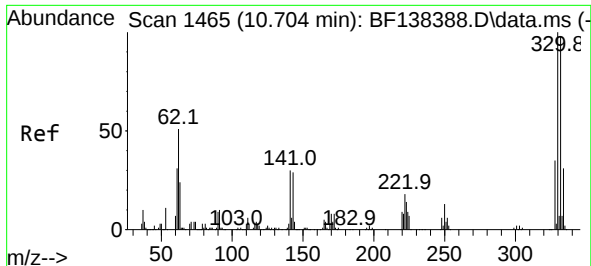


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05



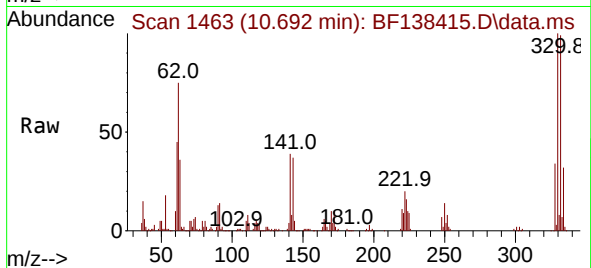
Tgt Ion:164 Resp: 277471
Ion Ratio Lower Upper
164 100
162 98.9 80.1 120.1
160 43.6 34.1 51.1





#42
2,4,6-Tribromophenol
Concen: 62.883 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

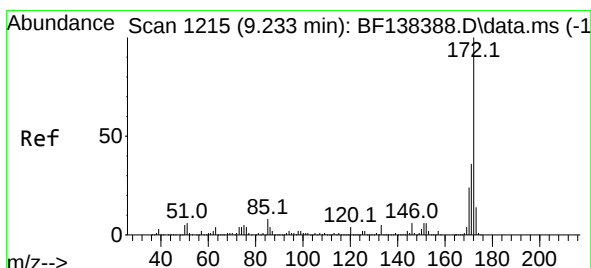
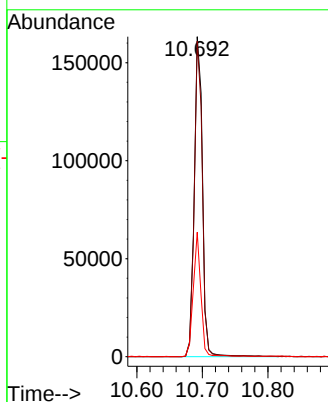
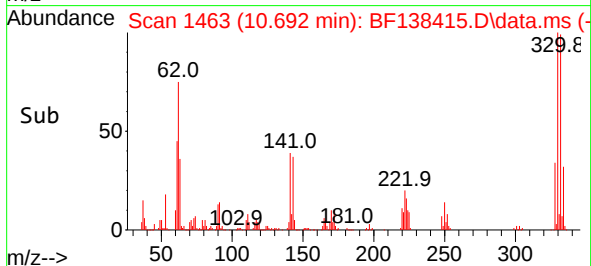
Instrument :
BNA_F
ClientSampleId :
7-N-1



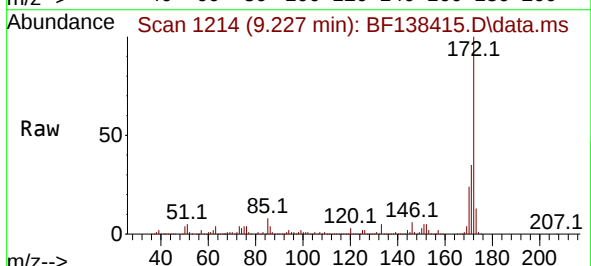
Tgt Ion: 330 Resp: 14255
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 36.0 28.1 42.1

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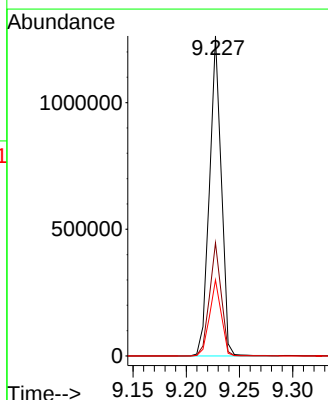
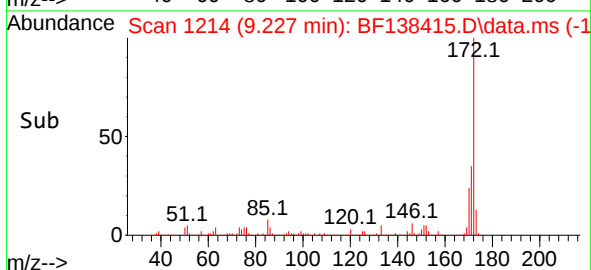
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Supervised By : mohammad ahmed 07/03/2024

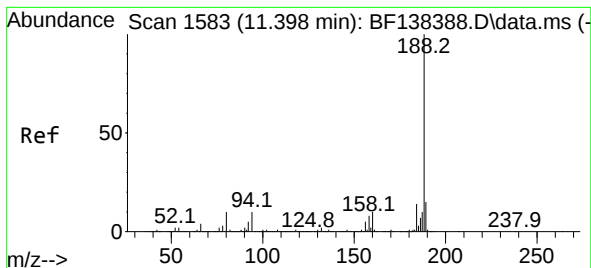


#45
2-Fluorobiphenyl
Concen: 56.080 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05



Tgt Ion: 172 Resp: 977750
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF138415.D

Acq: 01 Jul 2024 21:05

Instrument :

BNA_F

ClientSampleId :

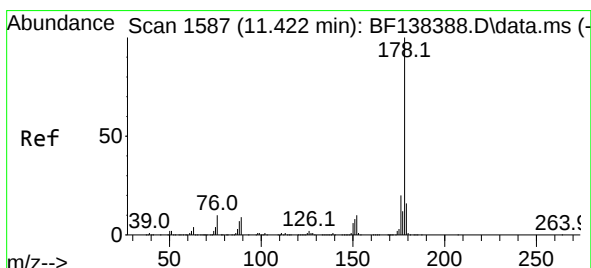
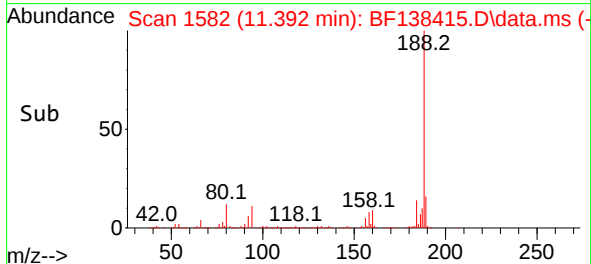
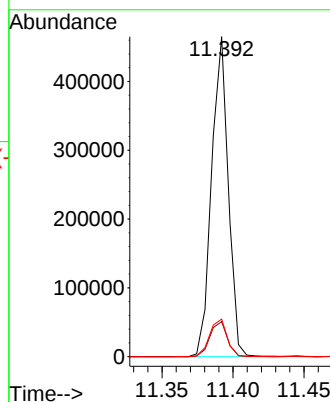
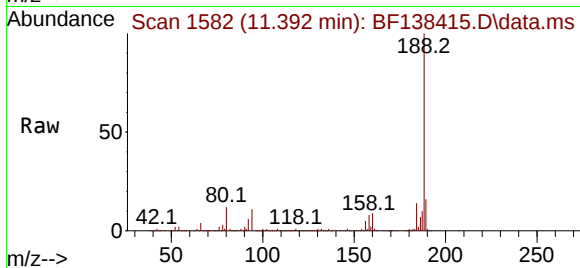
7-N-1

Tgt Ion:188	Resp: 379410
Ion Ratio	Lower Upper
188 100	
94 10.9	8.0 12.0
80 11.7	8.2 12.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#71

Phenanthrene

Concen: 2.178 ng

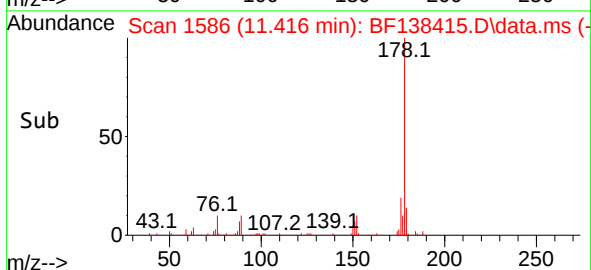
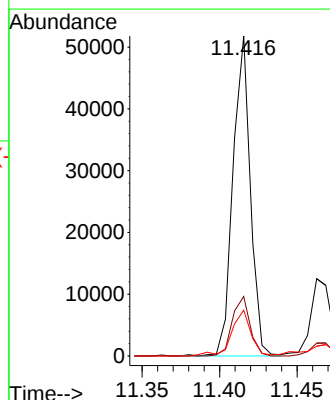
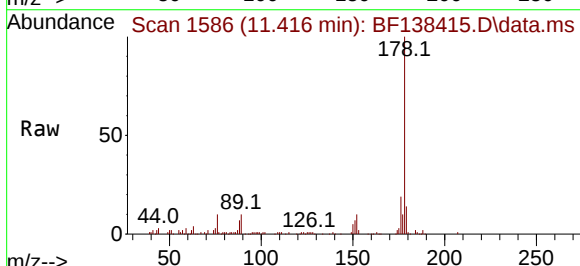
RT: 11.416 min Scan# 1586

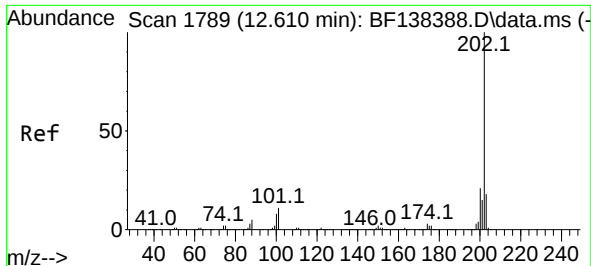
Delta R.T. -0.006 min

Lab File: BF138415.D

Acq: 01 Jul 2024 21:05

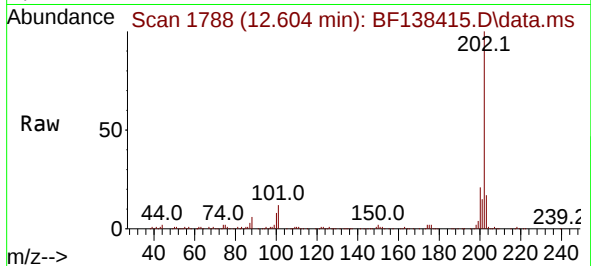
Tgt Ion:178	Resp: 40354
Ion Ratio	Lower Upper
178 100	
176 18.6	16.1 24.1
179 14.3	12.6 18.8





#75
Fluoranthene
Concen: 5.943 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

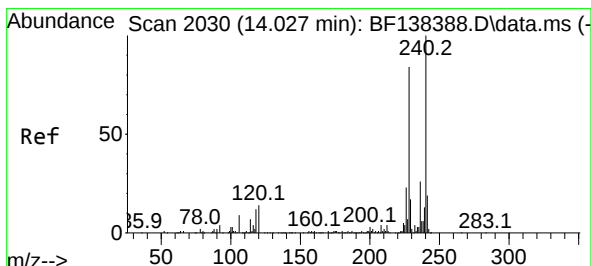
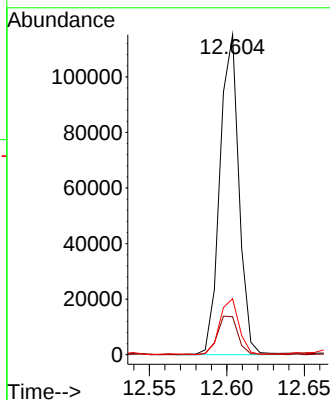
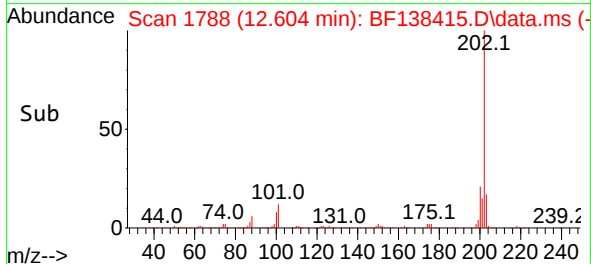
Instrument :
BNA_F
ClientSampleId :
7-N-1



Tgt Ion:202 Resp: 98704
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.5
203 17.5 0.0 37.6

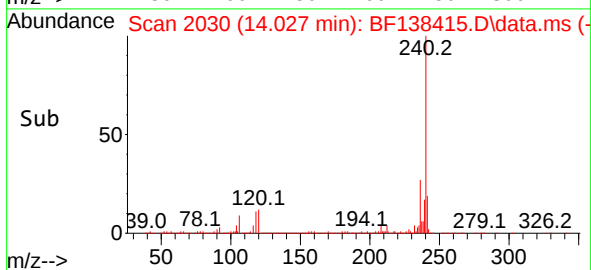
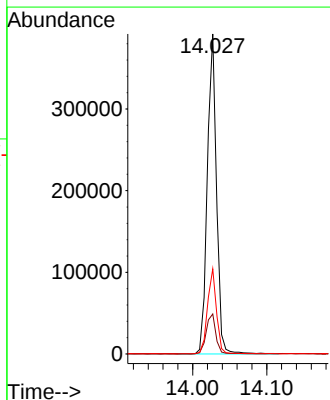
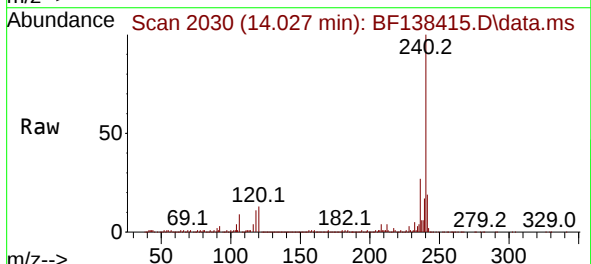
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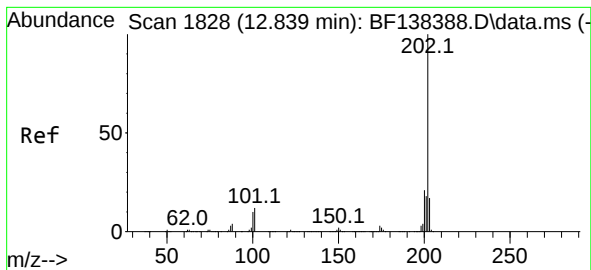
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

Tgt Ion:240 Resp: 339364
Ion Ratio Lower Upper
240 100
120 12.5 10.9 16.3
236 26.6 20.6 30.8





#78

Pyrene

Concen: 2.676 ng

RT: 12.833 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF138415.D

Acq: 01 Jul 2024 21:05

Instrument :

BNA_F

ClientSampleId :

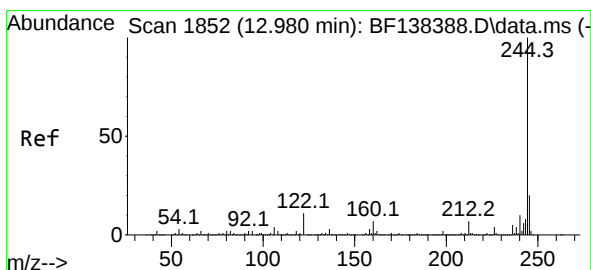
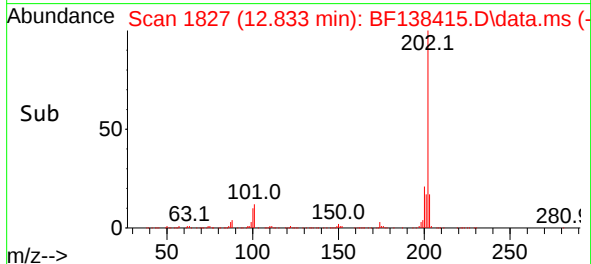
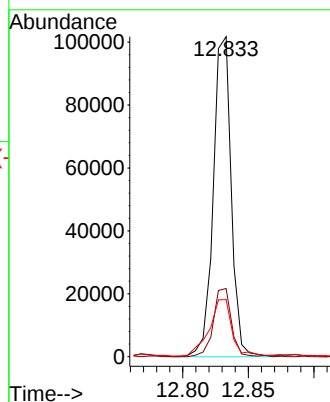
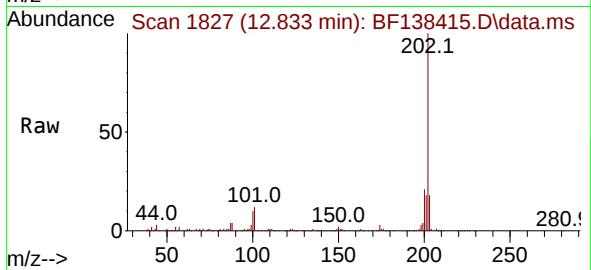
7-N-1

Tgt Ion:202	Resp: 9705
Ion Ratio	Lower Upper
202 100	
200 21.3	16.9 25.3
203 17.8	13.8 20.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 32.991 ng

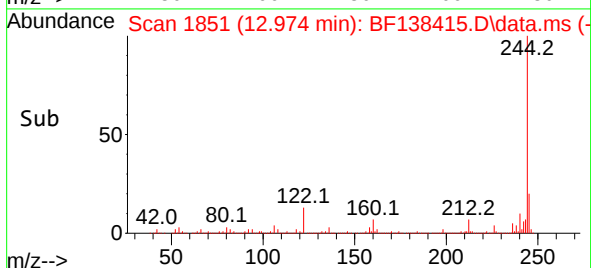
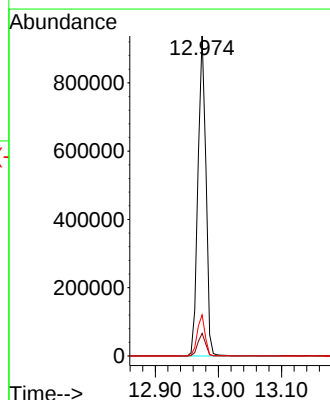
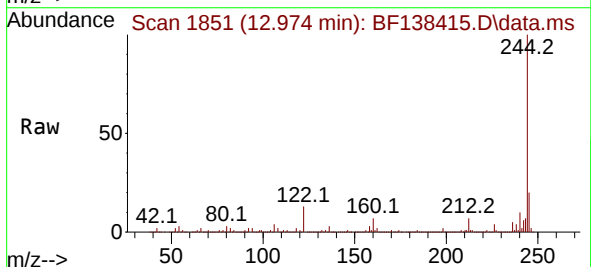
RT: 12.974 min Scan# 1851

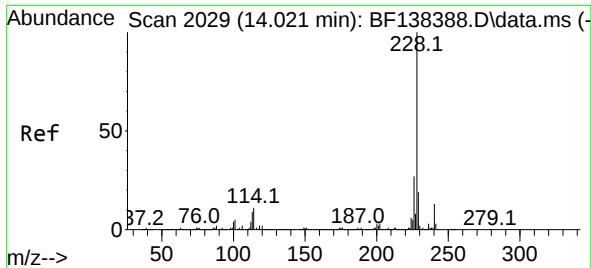
Delta R.T. -0.006 min

Lab File: BF138415.D

Acq: 01 Jul 2024 21:05

Tgt Ion:244	Resp: 816962
Ion Ratio	Lower Upper
244 100	
212 7.0	5.6 8.4
122 12.8	9.0 13.4





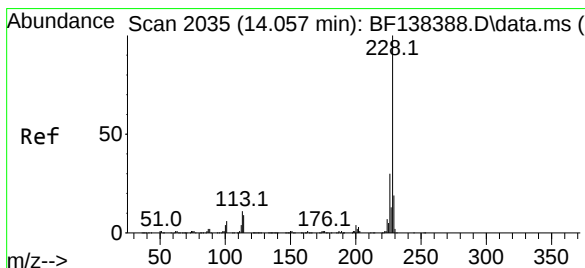
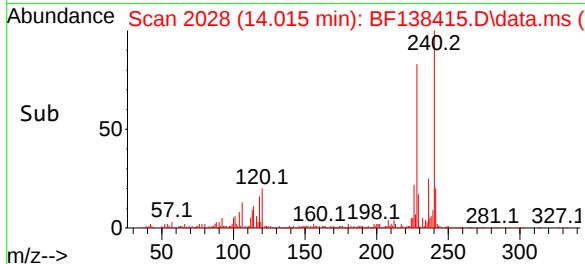
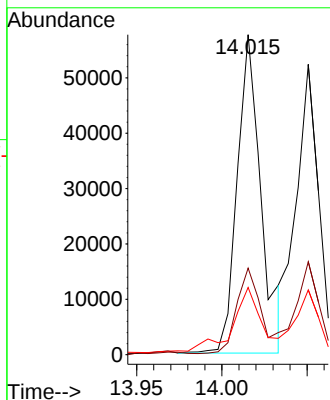
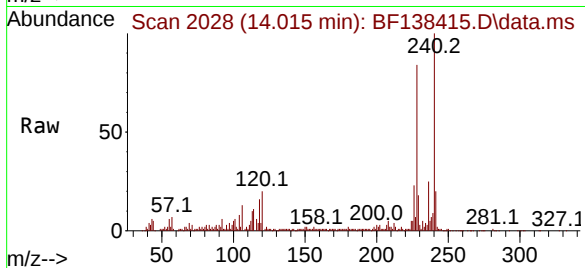
#81
Benzo(a)anthracene
Concen: 2.560 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

Instrument :
BNA_F
ClientSampleId :
7-N-1

Tgt Ion:228 Resp: 5592
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 21.0 15.5 23.3

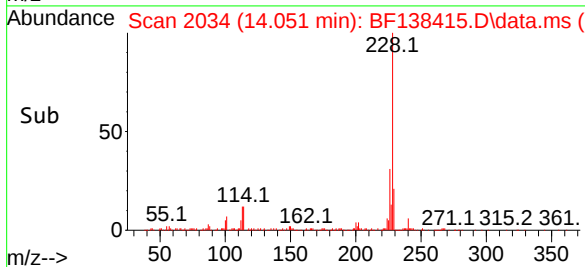
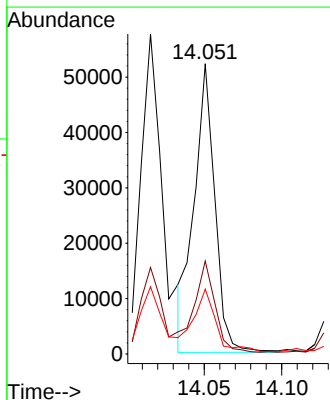
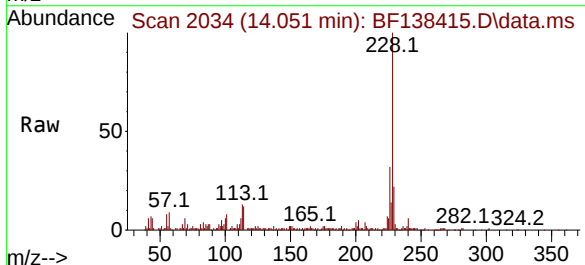
Manual Integrations
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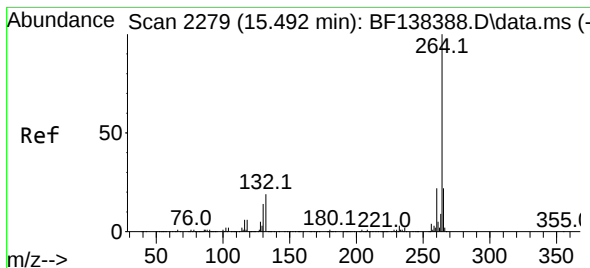
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#83
Chrysene
Concen: 2.286 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

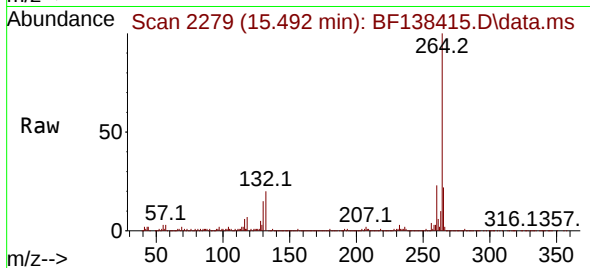
Tgt Ion:228 Resp: 48579
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.6
229 22.3 15.2 22.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

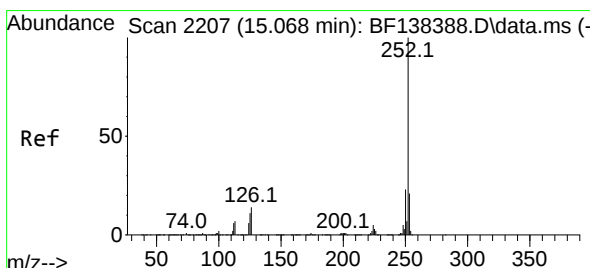
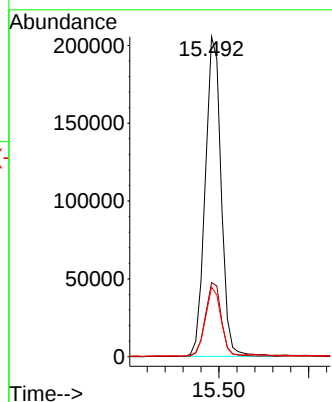
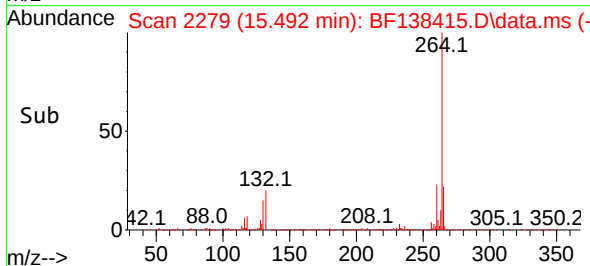
Instrument :
BNA_F
ClientSampleId :
7-N-1



Tgt Ion:264 Resp: 253630
Ion Ratio Lower Upper
264 100
260 23.2 17.8 26.6
265 21.7 17.5 26.3

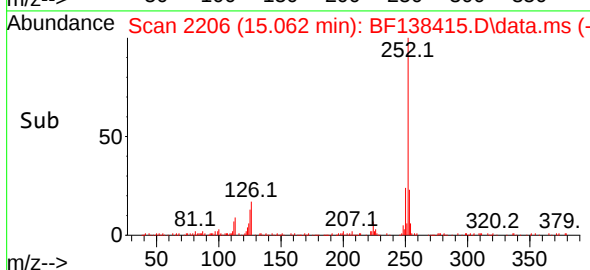
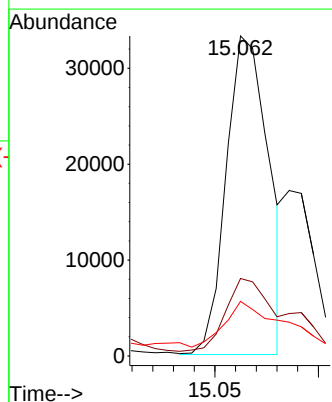
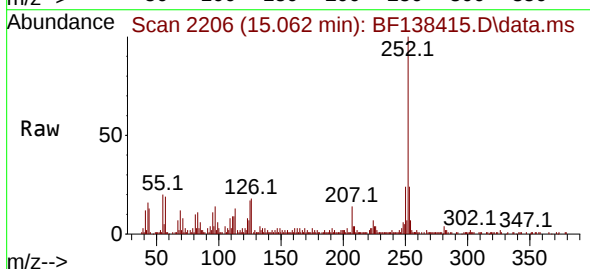
Manual Integrations
APPROVED

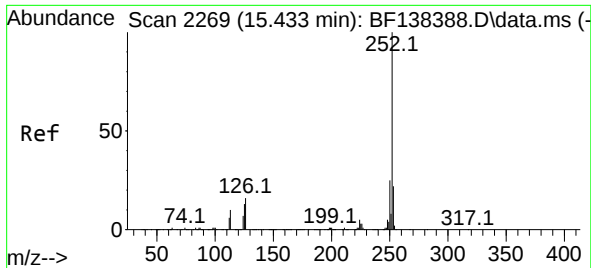
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#88
Benzo(b)fluoranthene
Concen: 3.404 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

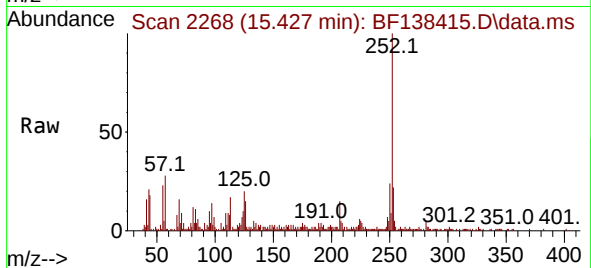
Tgt Ion:252 Resp: 47375
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 17.1 8.6 12.8#





#90
Benzo(a)pyrene
Concen: 2.585 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138415.D
Acq: 01 Jul 2024 21:05

Instrument :
BNA_F
ClientSampleId :
7-N-1



Tgt Ion:252 Resp: 3153
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 20.4 10.2 15.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

