

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138276.D
 Acq On : 20 Jun 2024 22:12
 Operator : CG\JU
 Sample : P2955-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 21 01:21:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	316193	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1181658	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	604419	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	873361	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	612593	20.000	ng	0.00
86) Perylene-d12	15.521	264	638806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1194954	63.219	ng	0.00
7) Phenol-d6	6.510	99	1444937	60.286	ng	-0.01
23) Nitrobenzene-d5	7.445	82	910939	44.879	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	352350	58.558	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1702105	44.780	ng	-0.01
79) Terphenyl-d14	12.992	244	1290403	33.363	ng	0.00
Target Compounds						
83) Chrysene	14.068	228	89221	2.382	ng	Qvalue # 85
88) Benzo(b)fluoranthene	15.086	252	89245m	2.369	ng	

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

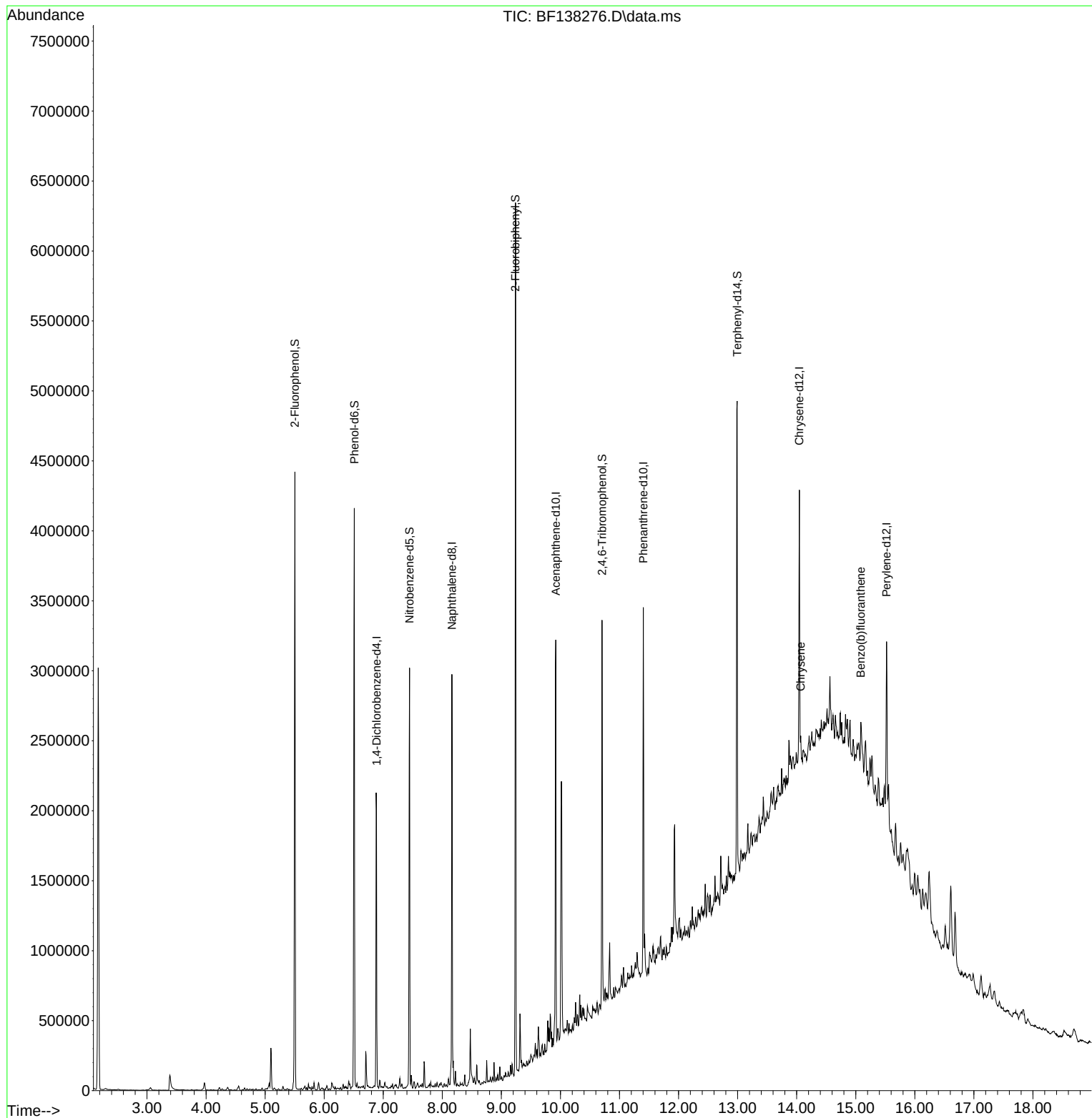
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
Data File : BF138276.D
Acq On : 20 Jun 2024 22:12
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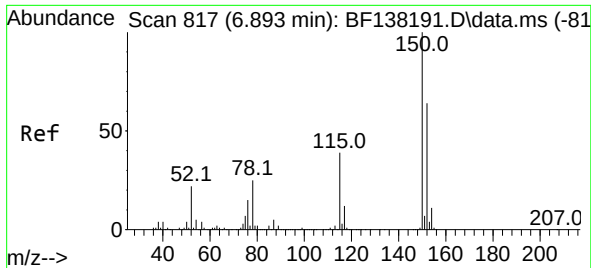
Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Jun 21 01:21:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

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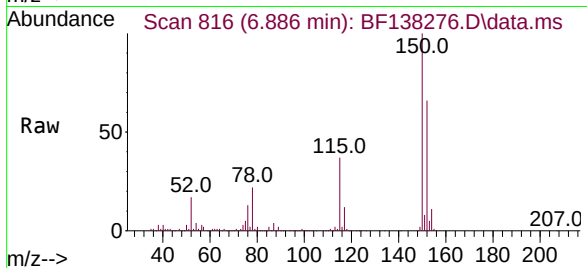
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.007 min
Lab File: BF138276.D
Acq: 20 Jun 2024 22:12

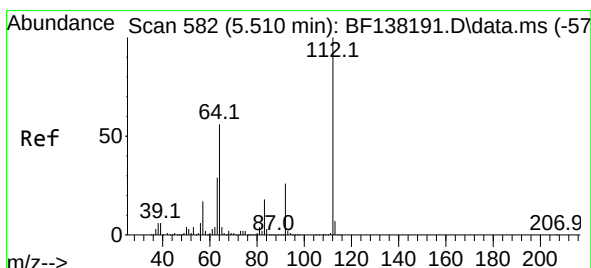
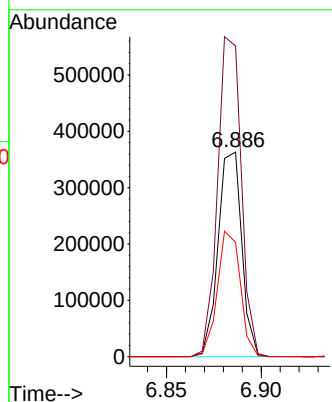
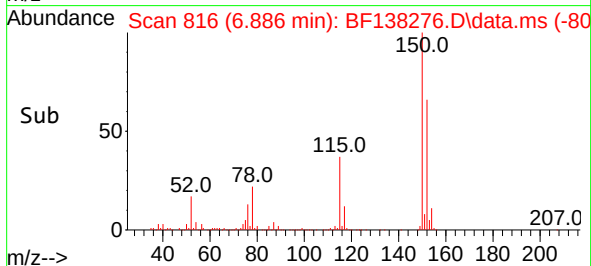
Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:152 Resp: 31619
Ion Ratio Lower Upper
152 100
150 151.8 125.0 187.4
115 55.9 48.4 72.6

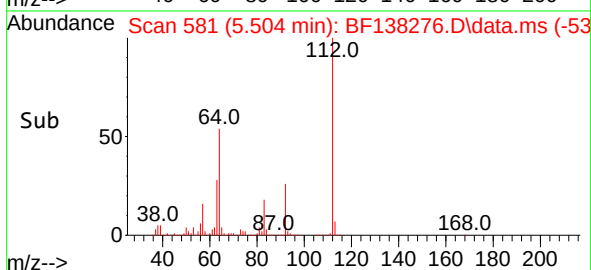
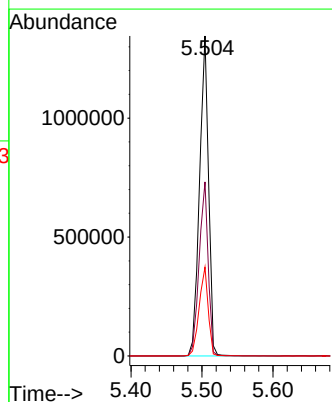
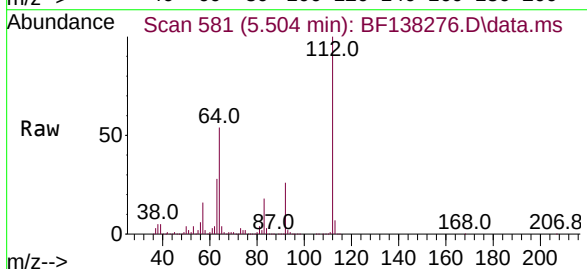
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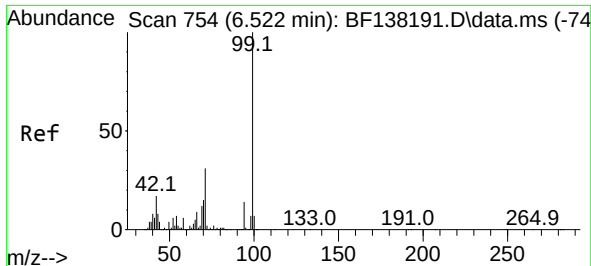
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#5
2-Fluorophenol
Concen: 63.219 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138276.D
Acq: 20 Jun 2024 22:12

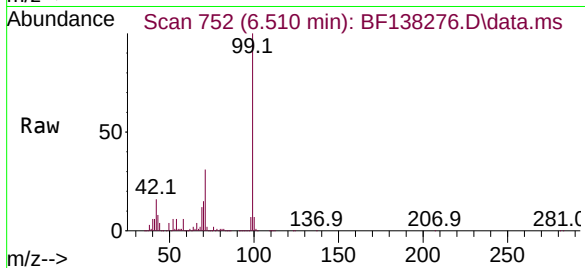
Tgt Ion:112 Resp: 1194954
Ion Ratio Lower Upper
112 100
64 54.4 45.2 67.8
63 27.7 22.9 34.3





#7
Phenol-d6
Concen: 60.286 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF138276.D
Acq: 20 Jun 2024 22:12

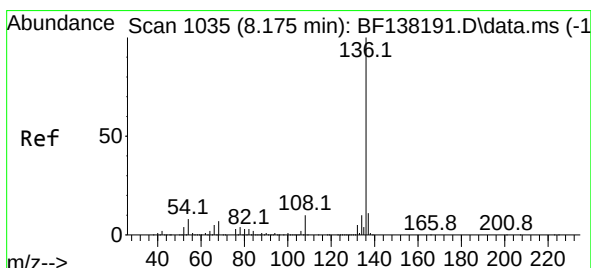
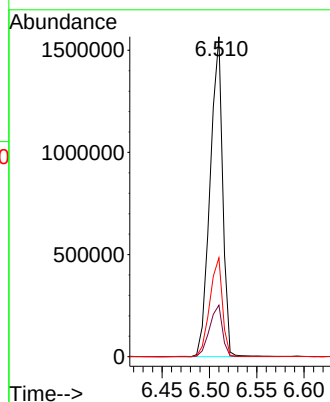
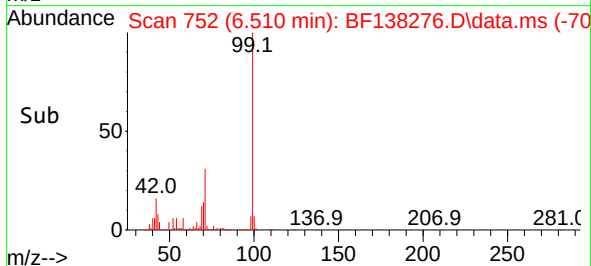
Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion: 99 Resp: 144493
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.9 25.0 37.6

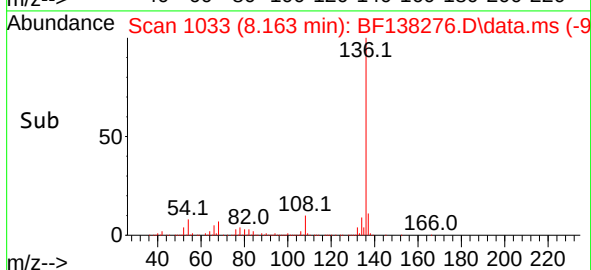
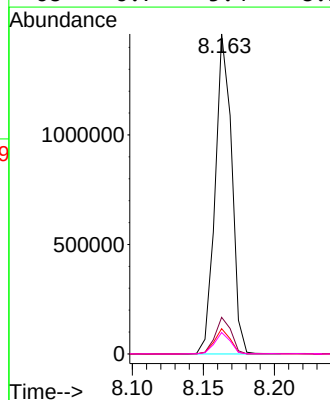
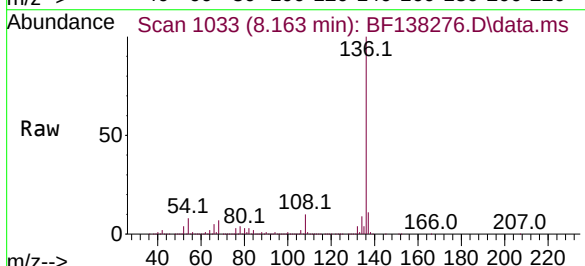
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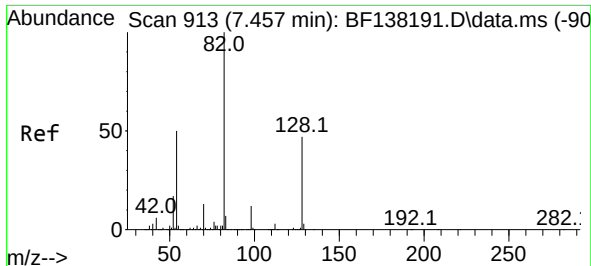
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138276.D
Acq: 20 Jun 2024 22:12

Tgt Ion:136 Resp: 1181658
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.9 6.6 10.0
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 44.879 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF138276.D

Acq: 20 Jun 2024 22:12

Instrument :

BNA_F

ClientSampleId :

TP-1

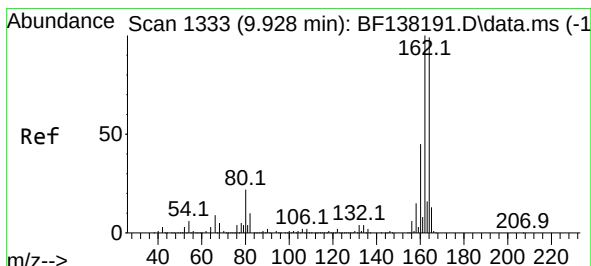
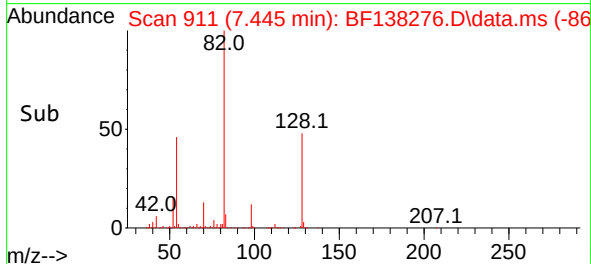
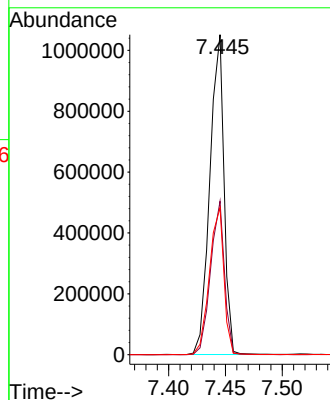
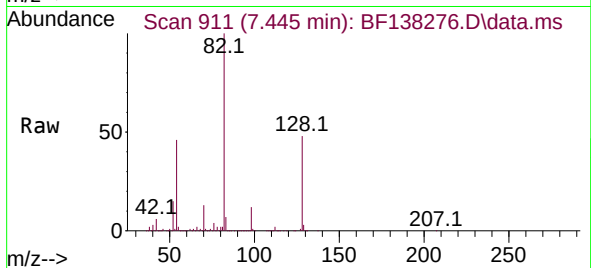
Tgt Ion: 82 Resp: 910939

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.2	55.8
54	45.9	39.8	59.6

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Supervised By :mohammad ahmed 06/21/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

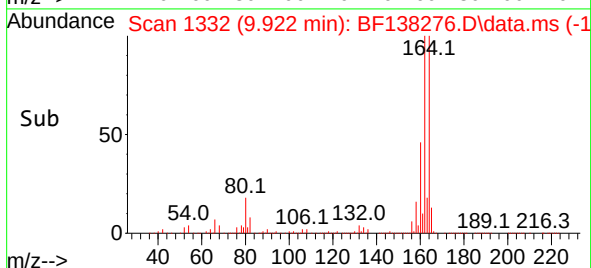
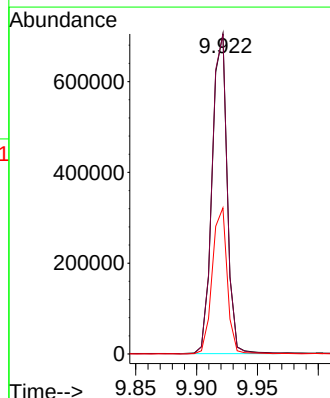
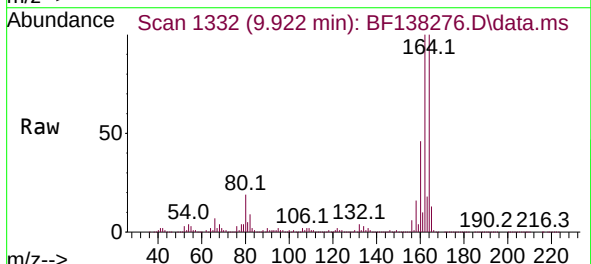
Delta R.T. -0.006 min

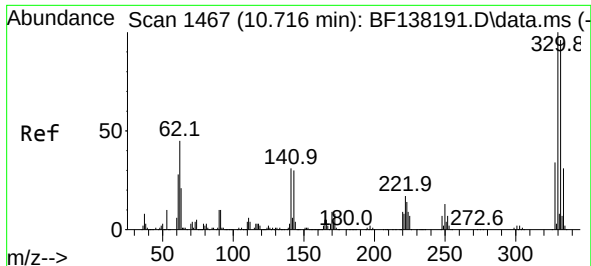
Lab File: BF138276.D

Acq: 20 Jun 2024 22:12

Tgt Ion:164 Resp: 604419

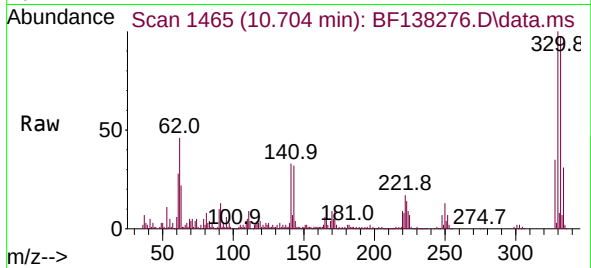
Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	45.7	36.3	54.5





#42
2,4,6-Tribromophenol
Concen: 58.558 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138276.D
Acq: 20 Jun 2024 22:12

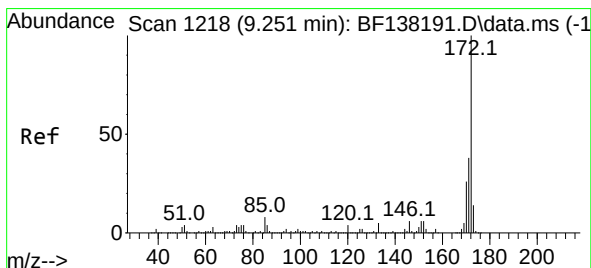
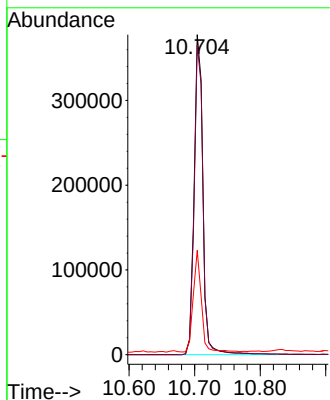
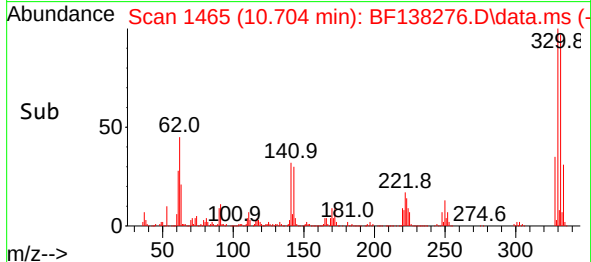
Instrument : BNA_F
ClientSampleId : TP-1



Tgt Ion: 330 Resp: 352350
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 29.3 23.9 35.9

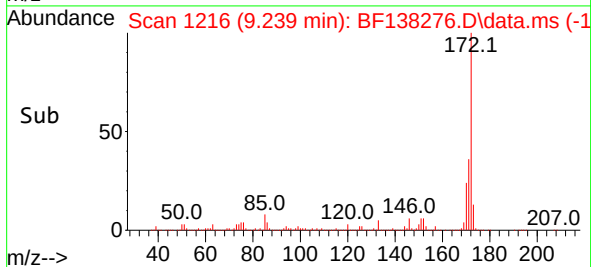
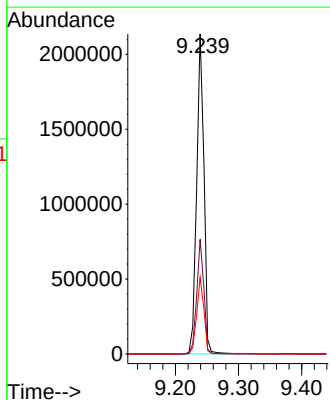
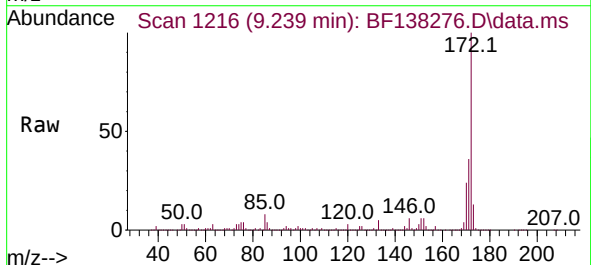
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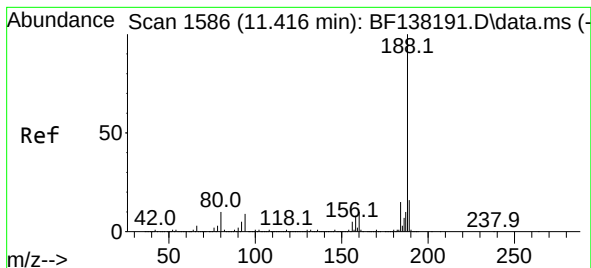
Reviewed By : Jagrut Upadhyay 06/21/2024
Supervised By : mohammad ahmed 06/21/2024



#45
2-Fluorobiphenyl
Concen: 44.780 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138276.D
Acq: 20 Jun 2024 22:12

Tgt Ion: 172 Resp: 1702105
Ion Ratio Lower Upper
172 100
171 35.8 30.3 45.5
170 23.9 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138276.D

Acq: 20 Jun 2024 22:12

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion:188 Resp: 87336

Ion Ratio Lower Upper

188 100

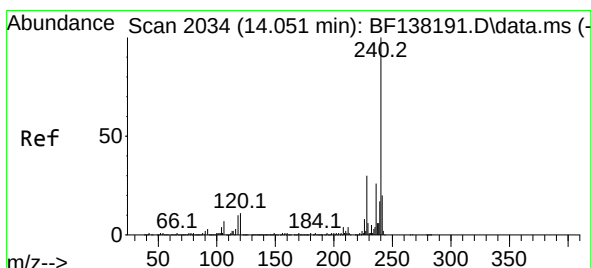
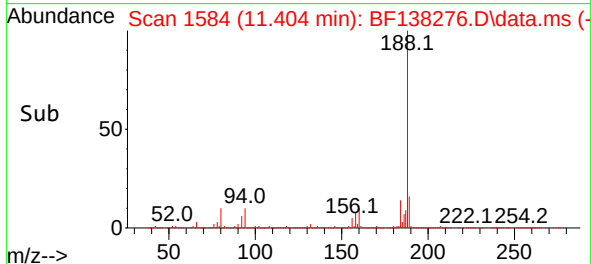
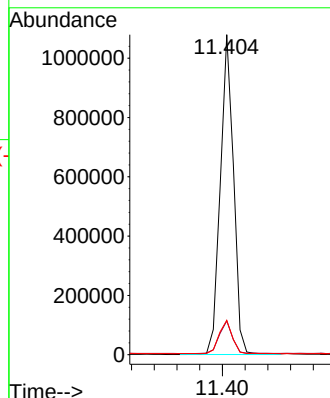
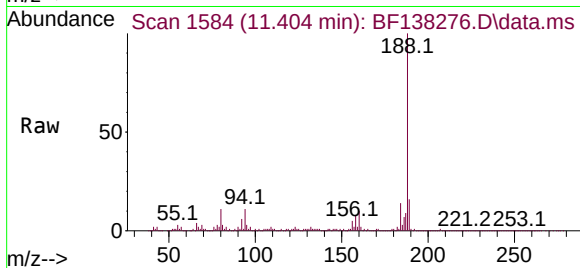
94 10.5 7.6 11.4

80 10.7 8.1 12.1

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138276.D

Acq: 20 Jun 2024 22:12

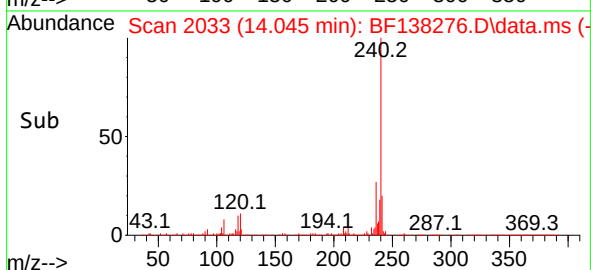
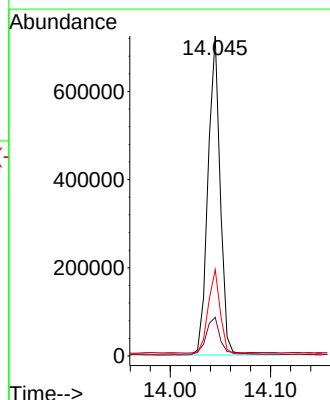
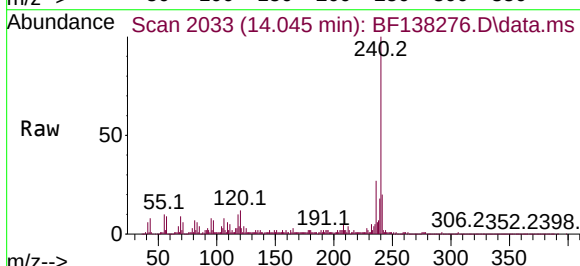
Tgt Ion:240 Resp: 612593

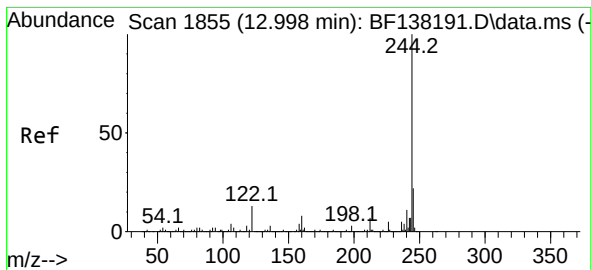
Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 27.0 21.0 31.6





#79

Terphenyl-d14

Concen: 33.363 ng

RT: 12.992 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF138276.D

Acq: 20 Jun 2024 22:12

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion:244 Resp: 129040

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

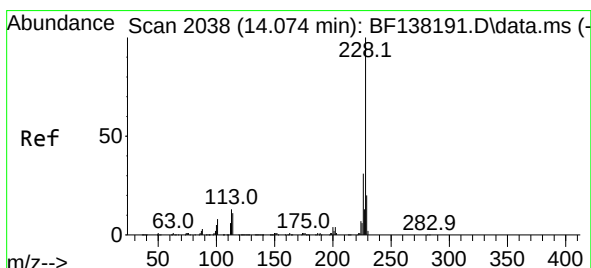
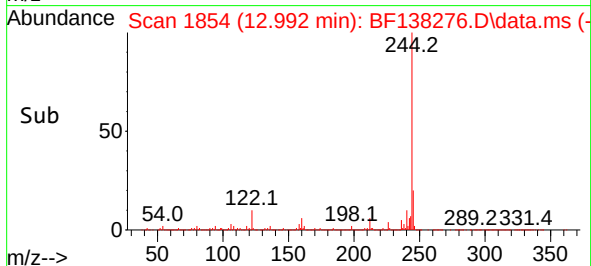
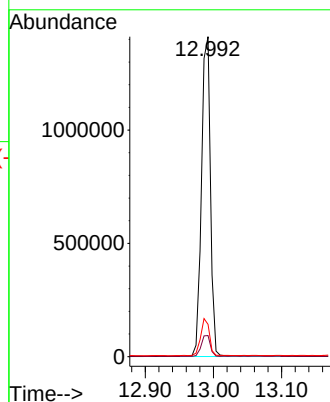
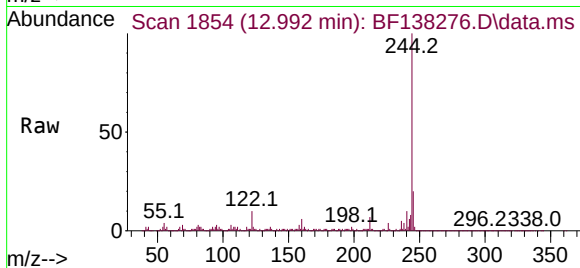
122 10.1 10.6 15.8

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#83

Chrysene

Concen: 2.382 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF138276.D

Acq: 20 Jun 2024 22:12

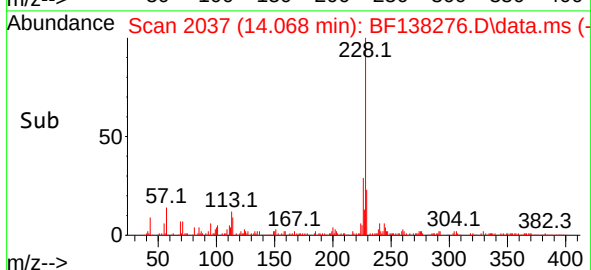
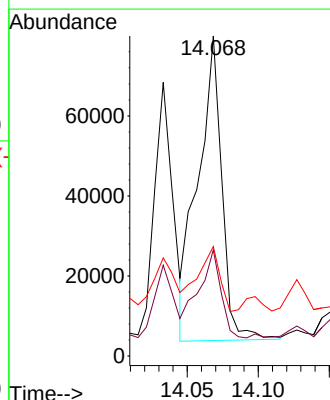
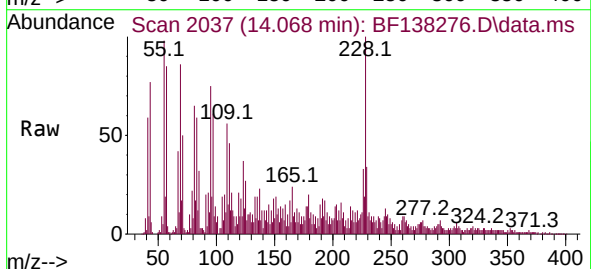
Tgt Ion:228 Resp: 89221

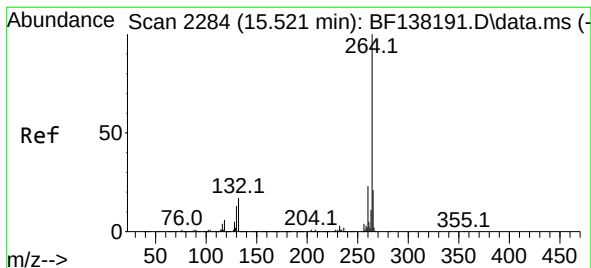
Ion Ratio Lower Upper

228 100

226 33.1 24.5 36.7

229 34.2 16.3 24.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BF138276.D

Acq: 20 Jun 2024 22:12

Instrument :

BNA_F

ClientSampleId :

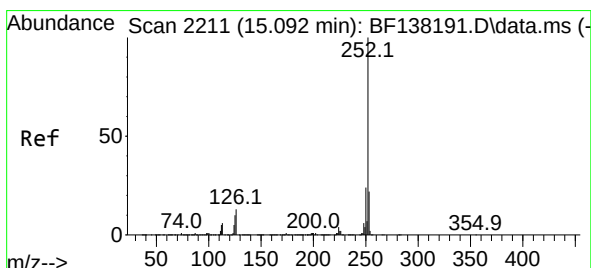
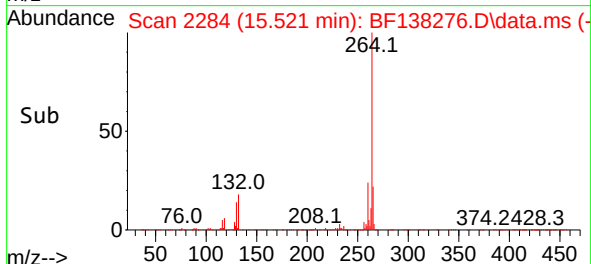
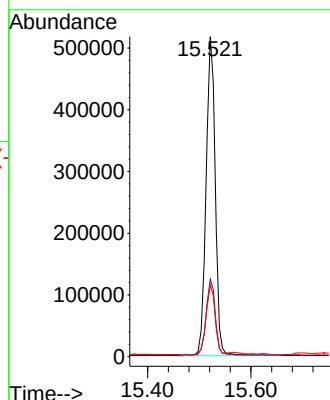
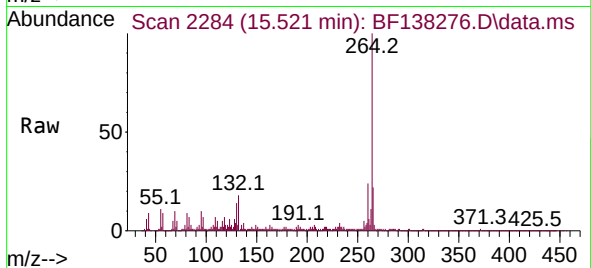
TP-1

Tgt Ion:264 Resp: 638800
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 22.4 17.0 25.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024



#88

Benzo(b)fluoranthene

Concen: 2.369 ng m

RT: 15.086 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF138276.D

Acq: 20 Jun 2024 22:12

Tgt Ion:252 Resp: 89245
 Ion Ratio Lower Upper
 252 100
 253 32.6 17.7 26.5#
 125 41.1 7.8 11.8#

