

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138378.D
 Acq On : 27 Jun 2024 21:09
 Operator : CG\JU
 Sample : P3077-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-W-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :Jagrut Upadhyay 06/28/2024

Quant Time: Jun 28 01:14:26 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	6.881	152	226365	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	815342	20.000	ng	#-0.01
39) Acenaphthene-d10	9.910	164	355821	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	513267	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	442101	20.000	ng	-0.02
86) Perylene-d12	15.504	264	343946	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	959782	70.927	ng	0.00
7) Phenol-d6	6.516	99	1122790	65.435	ng	0.00
23) Nitrobenzene-d5	7.439	82	678856	48.471	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	228555	64.522	ng	-0.02
45) 2-Fluorobiphenyl	9.233	172	1089283	48.680	ng	-0.02
79) Terphenyl-d14	12.980	244	1045973	37.472	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	113107	4.456	ng	96
75) Fluoranthene	12.610	202	216234	8.354	ng	96
78) Pyrene	12.839	202	199682	5.236	ng	98
81) Benzo(a)anthracene	14.021	228	102297	3.607	ng	98
83) Chrysene	14.057	228	88726	3.282	ng	95
88) Benzo(b)fluoranthene	15.074	252	96277m	4.747	ng	
90) Benzo(a)pyrene	15.439	252	62160	3.567	ng	# 97

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

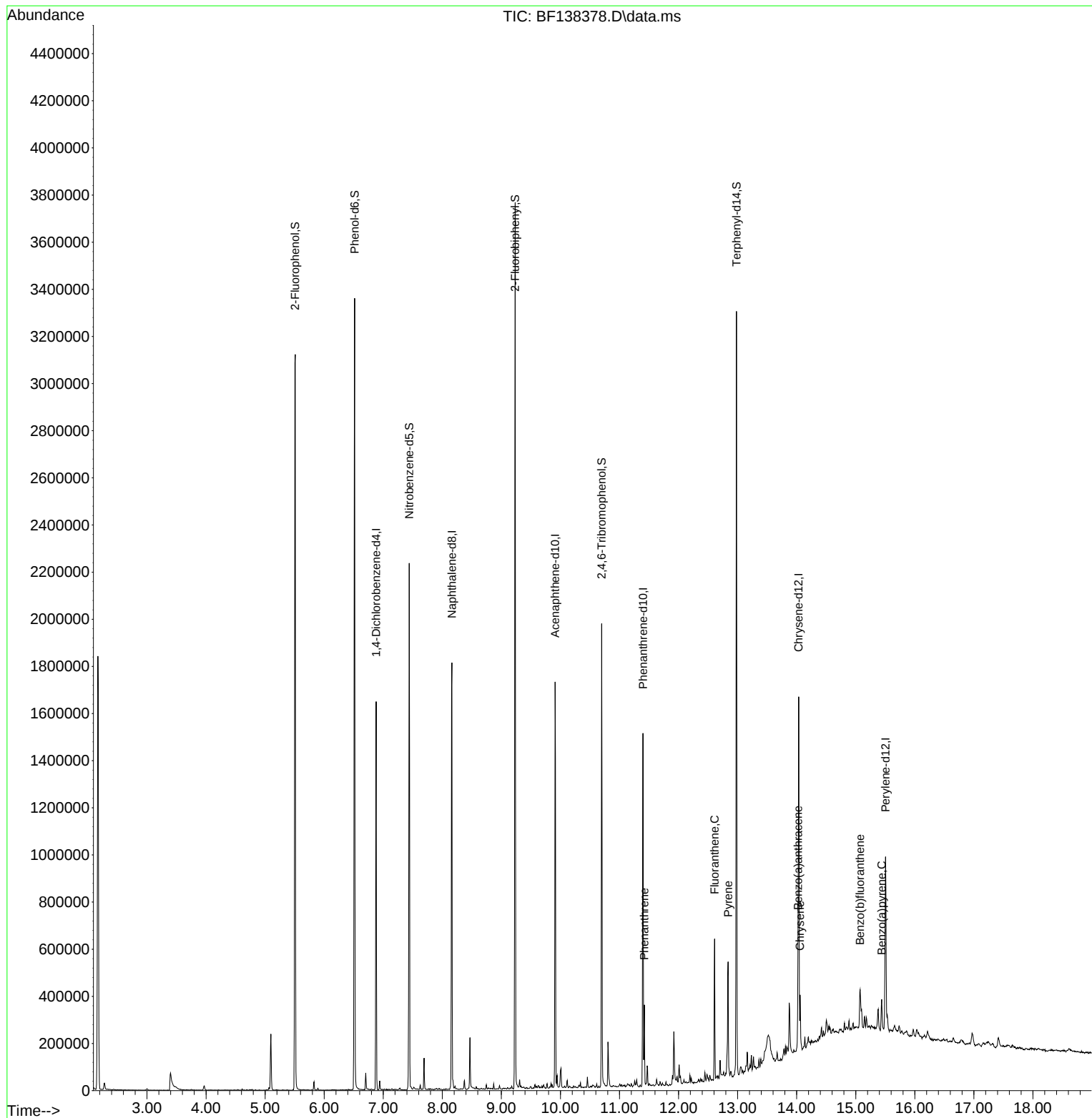
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138378.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

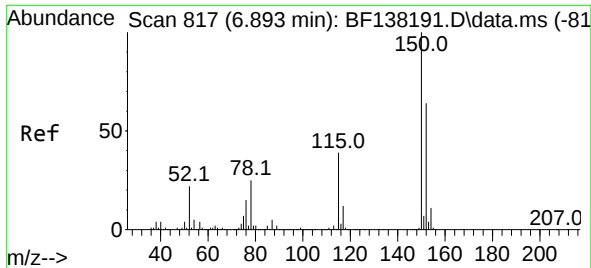
Instrument :
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1-W-1

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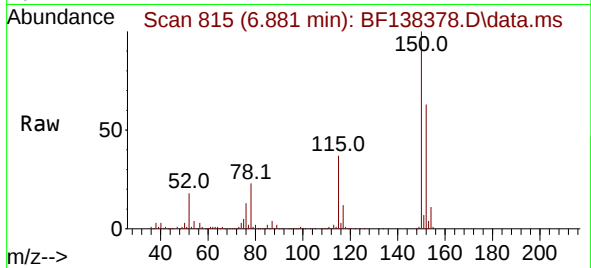
Quant Time: Jun 28 01:14:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

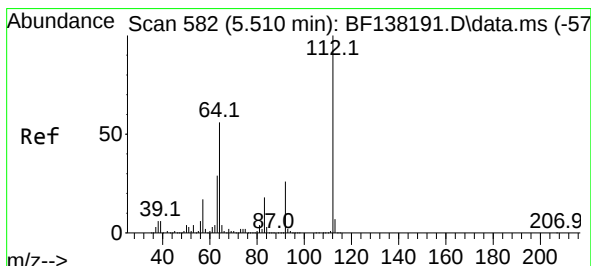
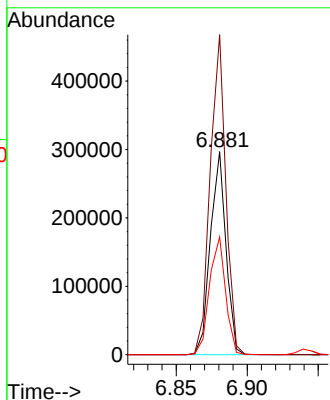
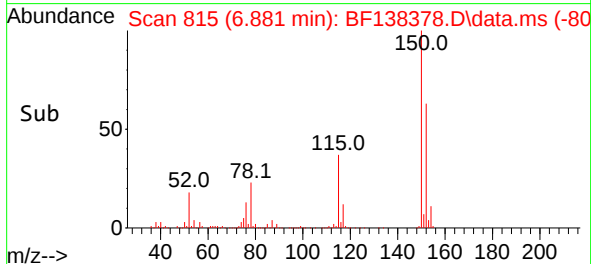
Instrument :
BNA_F
ClientSampleId :
1-W-1



Tgt Ion:152 Resp: 22636
Ion Ratio Lower Upper
152 100
150 157.5 125.0 187.4
115 58.0 48.4 72.6

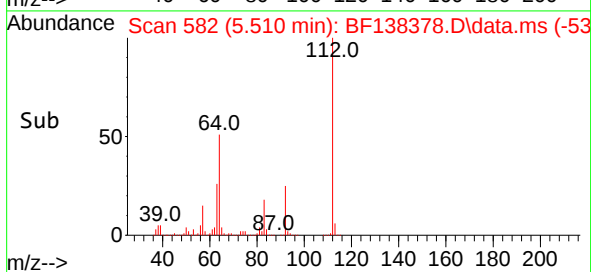
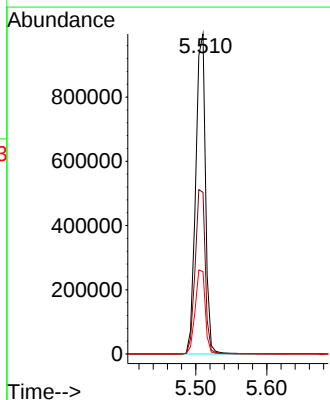
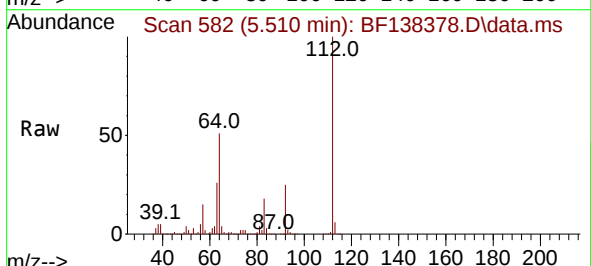
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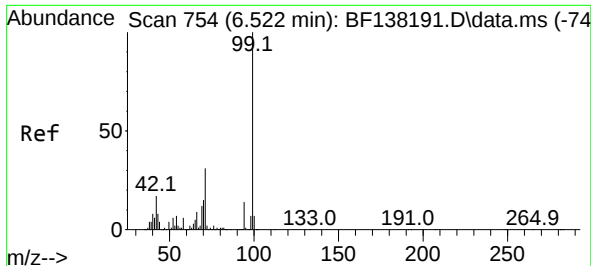
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#5
2-Fluorophenol
Concen: 70.927 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

Tgt Ion:112 Resp: 959782
Ion Ratio Lower Upper
112 100
64 50.5 45.2 67.8
63 25.8 22.9 34.3





#7

Phenol-d6

Concen: 65.435 ng

RT: 6.516 min Scan# 7

Delta R.T. -0.006 min

Lab File: BF138378.D

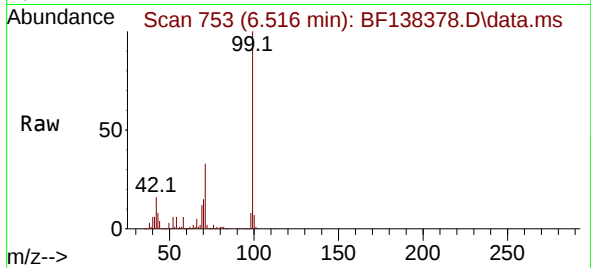
Acq: 27 Jun 2024 21:09

Instrument :

BNA_F

ClientSampleId :

1-W-1



Tgt Ion: 99 Resp: 1122790

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

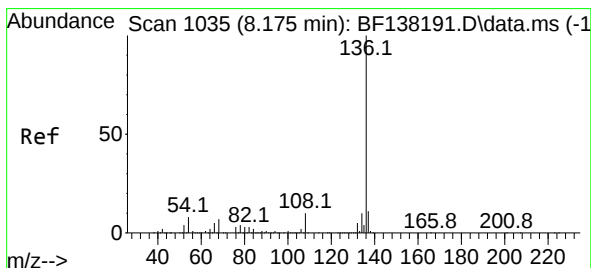
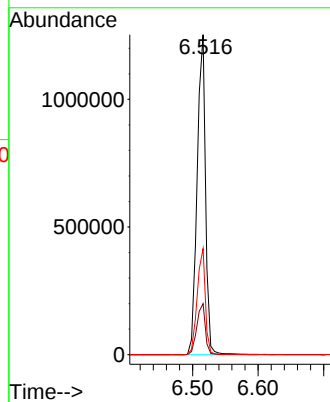
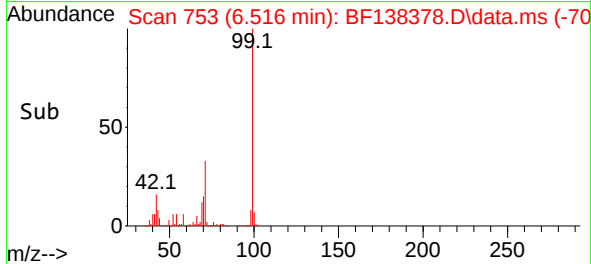
71 33.1 25.0 37.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1033

Delta R.T. -0.012 min

Lab File: BF138378.D

Acq: 27 Jun 2024 21:09

Tgt Ion:136 Resp: 815342

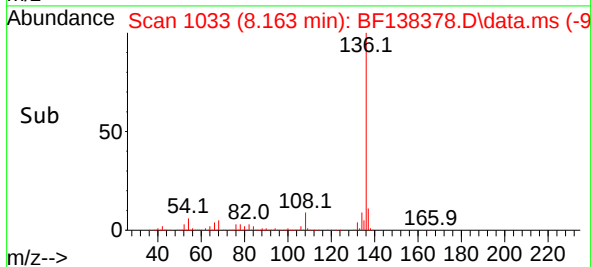
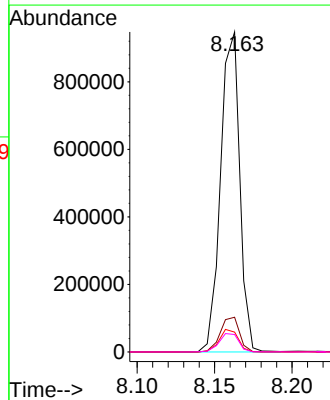
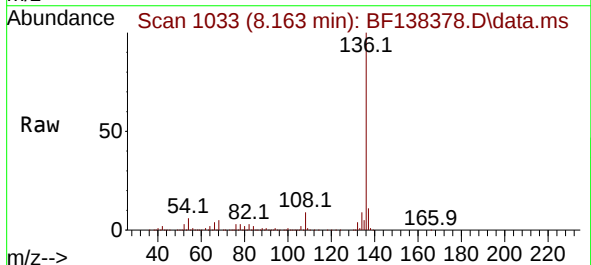
Ion Ratio Lower Upper

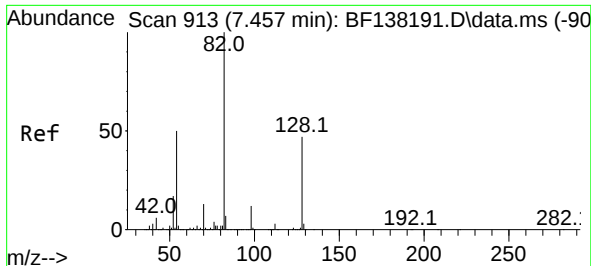
136 100

137 10.9 9.1 13.7

54 6.2 6.6 10.0

68 5.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 48.471 ng

RT: 7.439 min Scan# 913

Delta R.T. -0.018 min

Lab File: BF138378.D

Acq: 27 Jun 2024 21:09

Instrument :

BNA_F

ClientSampleId :

1-W-1

Tgt Ion: 82 Resp: 678850

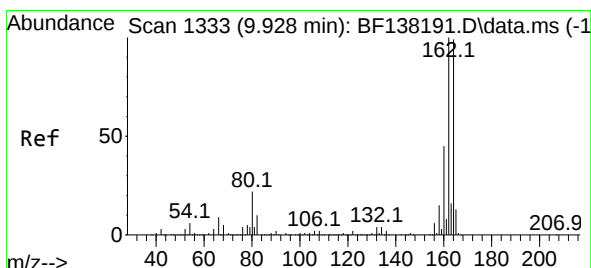
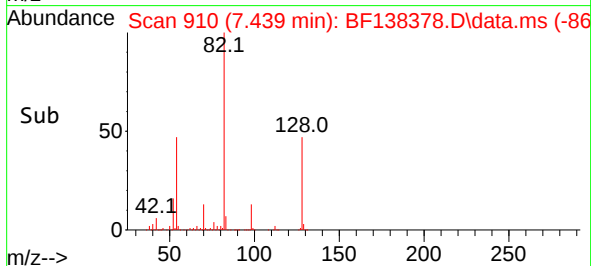
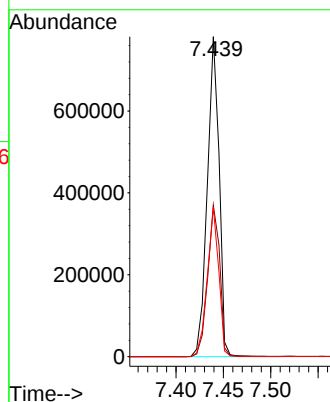
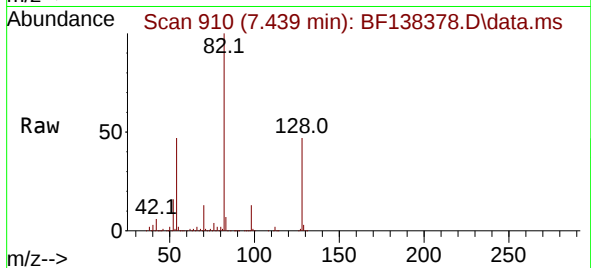
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.2	55.8
54	46.7	39.8	59.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

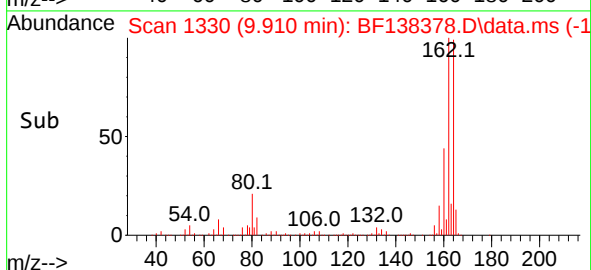
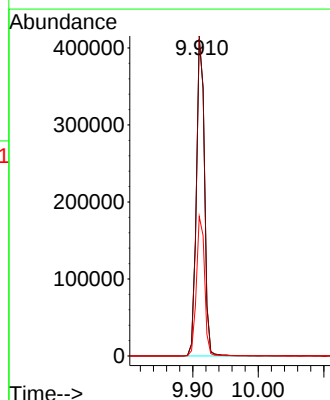
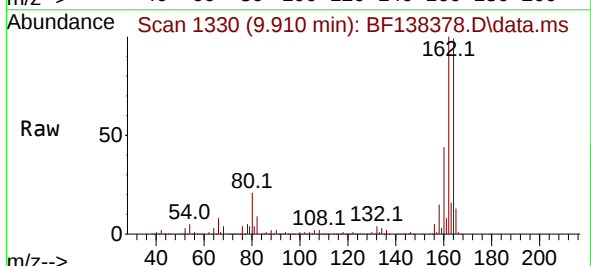
Delta R.T. -0.018 min

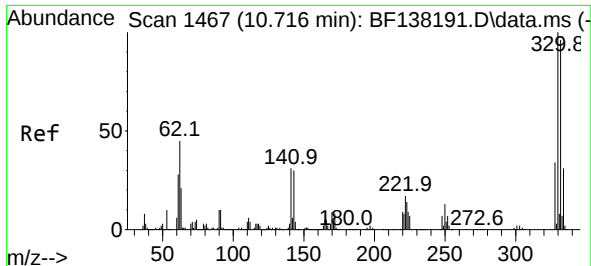
Lab File: BF138378.D

Acq: 27 Jun 2024 21:09

Tgt Ion:164 Resp: 355821

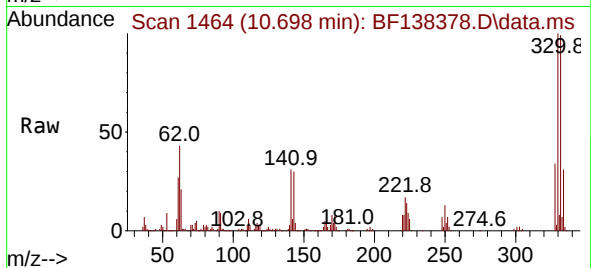
Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	121.0
160	44.0	36.3	54.5





#42
2,4,6-Tribromophenol
Concen: 64.522 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.018 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

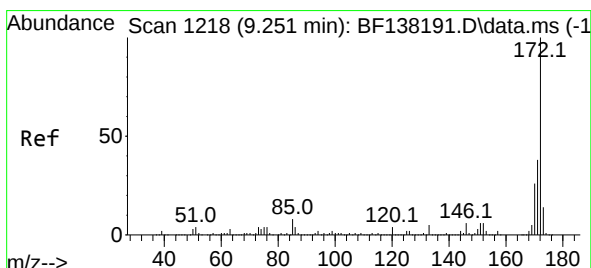
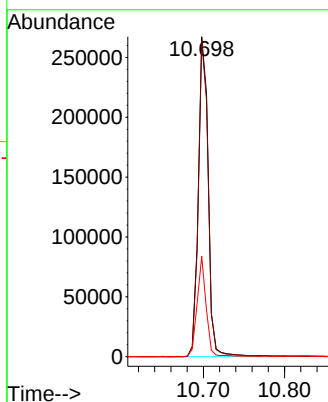
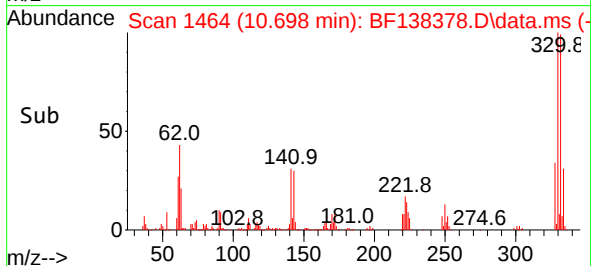
Instrument :
BNA_F
ClientSampleId :
1-W-1



Tgt Ion: 330 Resp: 22855
Ion Ratio Lower Upper
330 100
332 98.0 76.6 115.0
141 28.9 23.9 35.9

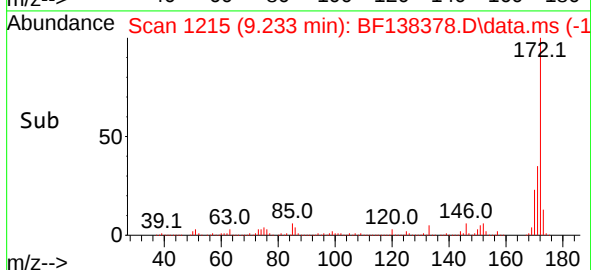
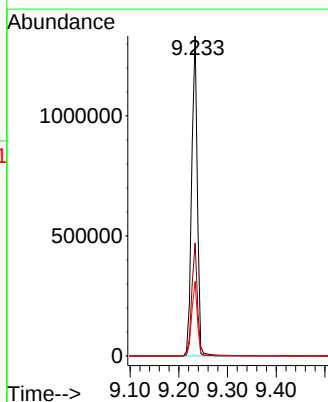
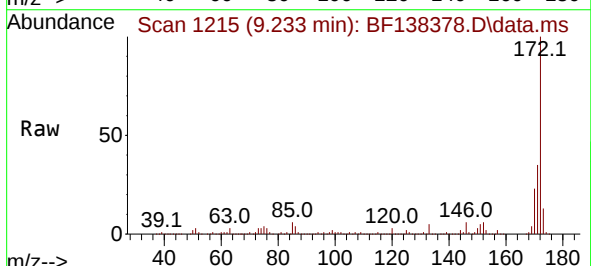
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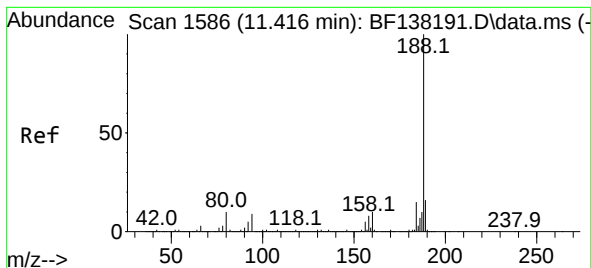
Reviewed By : Yogesh Patel 06/28/2024
Supervised By : Jagrut Upadhyay 06/28/2024



#45
2-Fluorobiphenyl
Concen: 48.680 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

Tgt Ion: 172 Resp: 1089283
Ion Ratio Lower Upper
172 100
171 35.3 30.3 45.5
170 23.3 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138378.D

Acq: 27 Jun 2024 21:09

Instrument :

BNA_F

ClientSampleId :

1-W-1

Tgt Ion:188 Resp: 51326

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

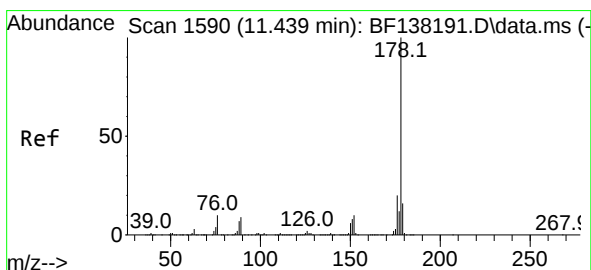
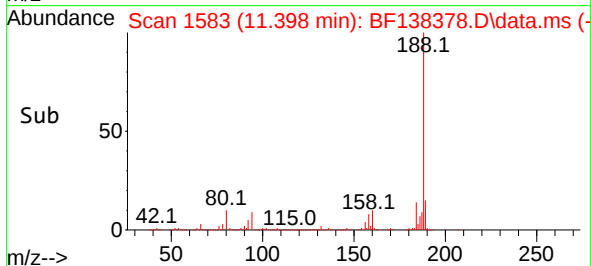
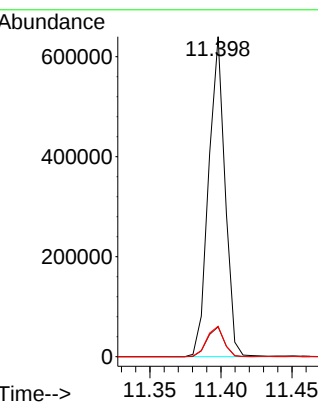
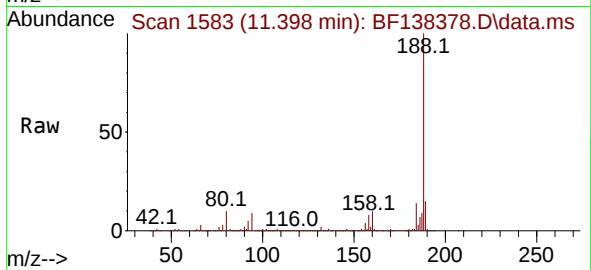
80 9.5 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#71

Phenanthrene

Concen: 4.456 ng

RT: 11.421 min Scan# 1587

Delta R.T. -0.018 min

Lab File: BF138378.D

Acq: 27 Jun 2024 21:09

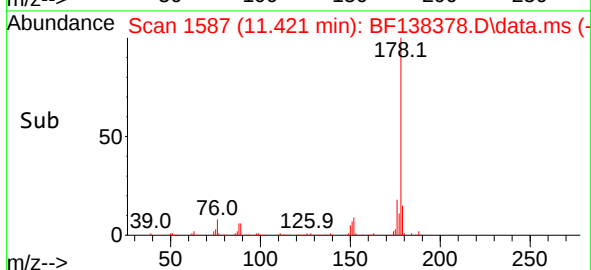
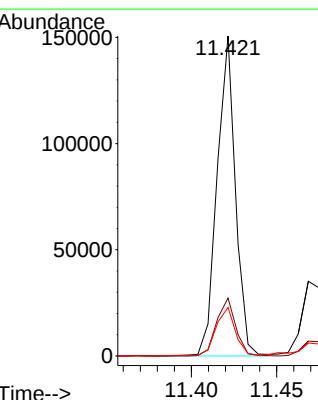
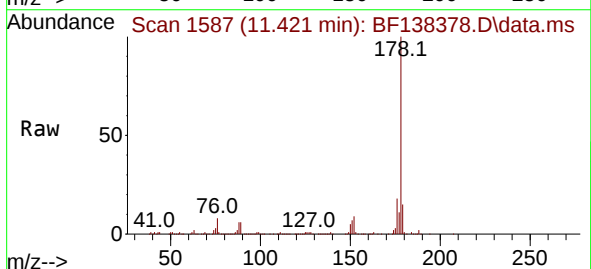
Tgt Ion:178 Resp: 113107

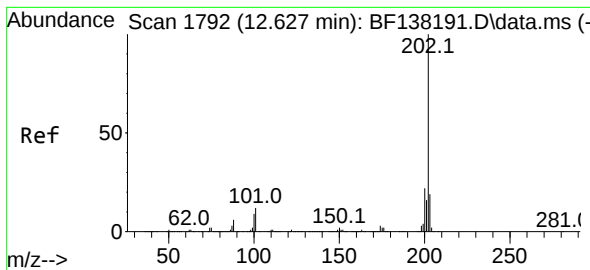
Ion Ratio Lower Upper

178 100

176 18.1 16.4 24.6

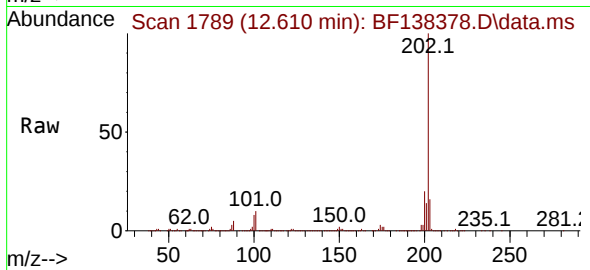
179 15.1 13.1 19.7





#75
Fluoranthene
Concen: 8.354 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

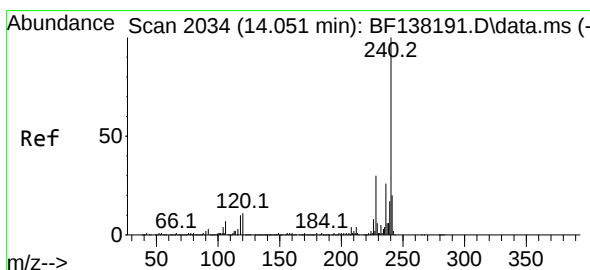
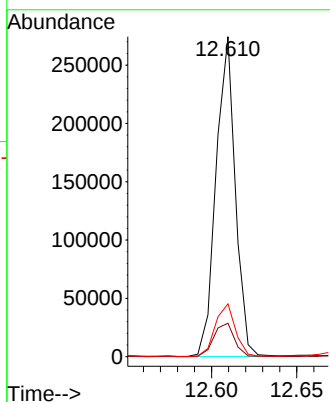
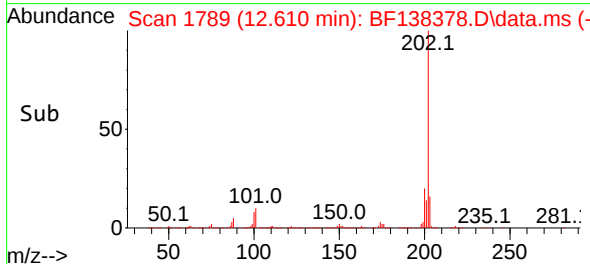
Instrument :
BNA_F
ClientSampleId :
1-W-1



Tgt Ion:202 Resp: 216234
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.8
203 16.5 0.0 38.6

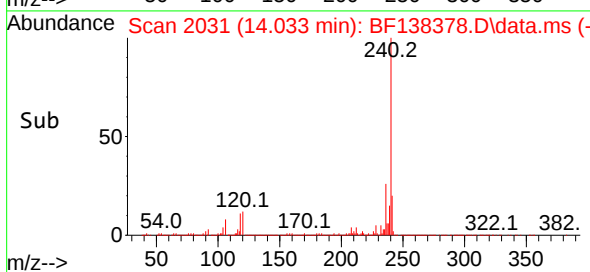
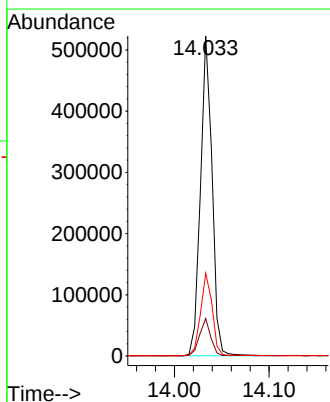
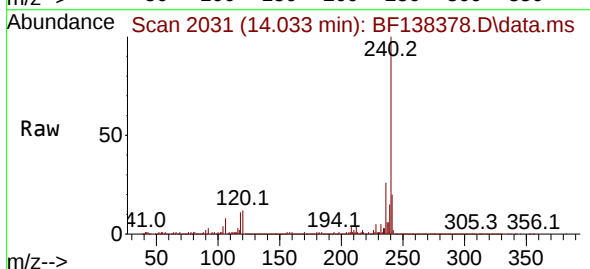
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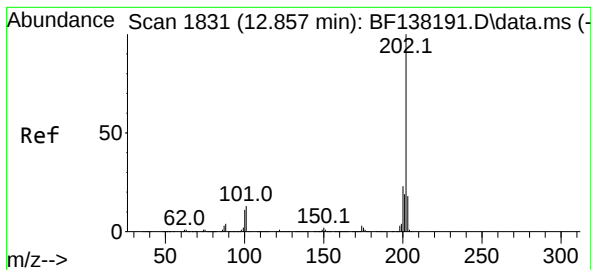
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

Tgt Ion:240 Resp: 442101
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.9 21.0 31.6





#78

Pyrene

Concen: 5.236 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.018 min

Lab File: BF138378.D

Acq: 27 Jun 2024 21:09

Instrument :

BNA_F

ClientSampleId :

1-W-1

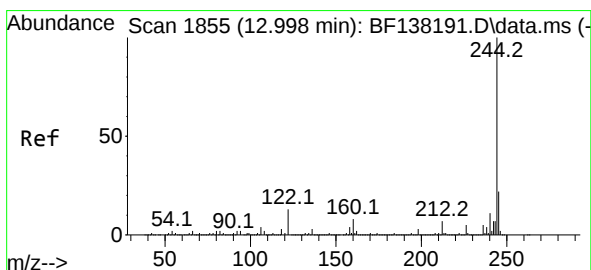
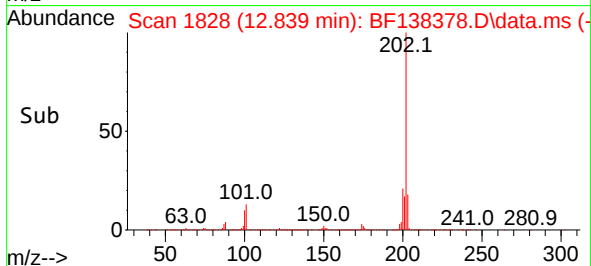
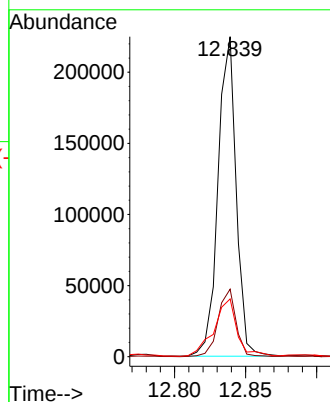
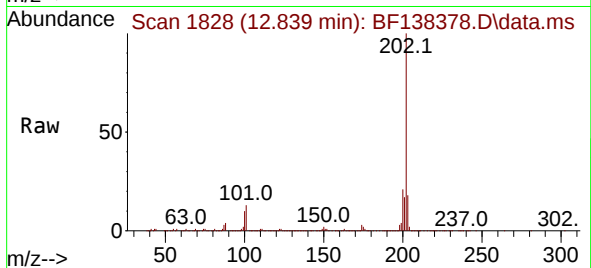
Tgt Ion:202 Resp: 199682
 Ion Ratio Lower Upper
 202 100
 200 21.1 18.0 27.0
 203 18.1 14.7 22.1

Manual Integrations

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#79

Terphenyl-d14

Concen: 37.472 ng

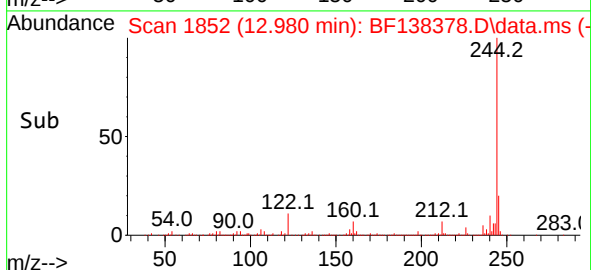
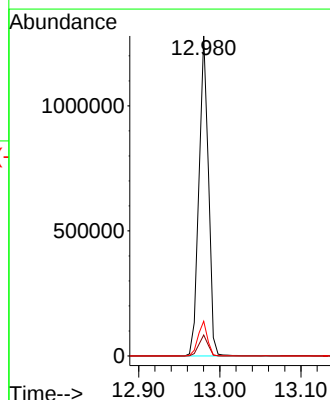
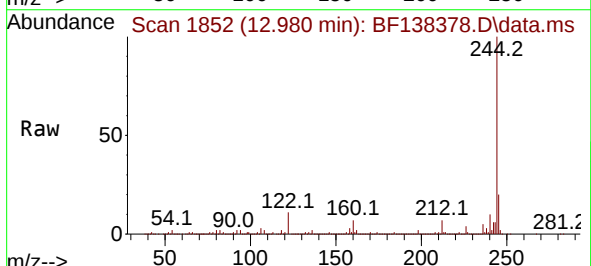
RT: 12.980 min Scan# 1852

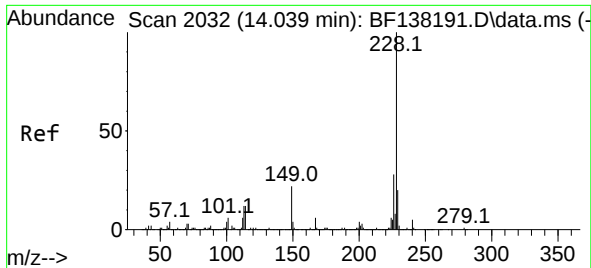
Delta R.T. -0.018 min

Lab File: BF138378.D

Acq: 27 Jun 2024 21:09

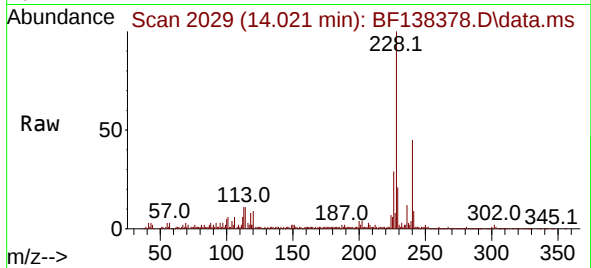
Tgt Ion:244 Resp: 1045973
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 10.8 10.6 15.8





#81
Benzo(a)anthracene
Concen: 3.607 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

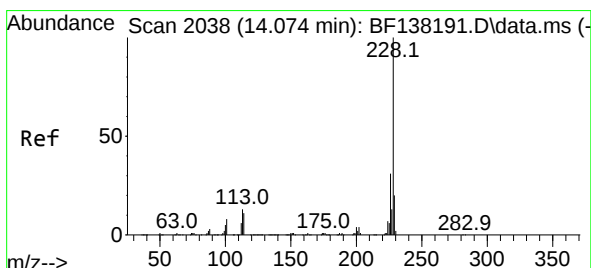
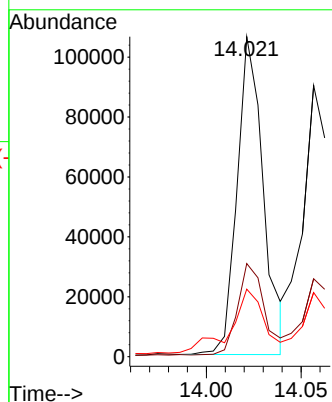
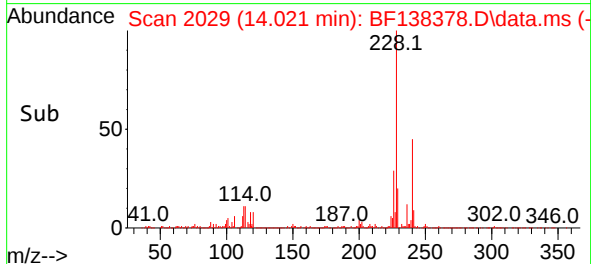
Instrument :
BNA_F
ClientSampleId :
1-W-1



Tgt Ion:228 Resp: 10229
Ion Ratio Lower Upper
228 100
226 29.1 22.5 33.7
229 21.1 16.3 24.5

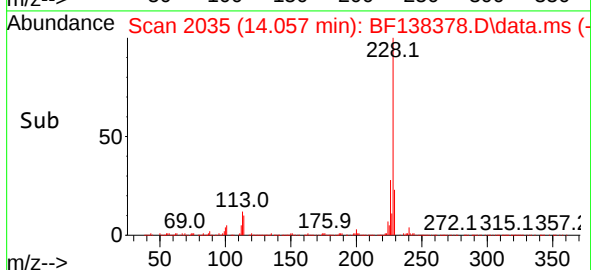
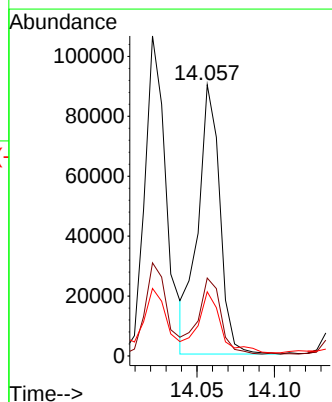
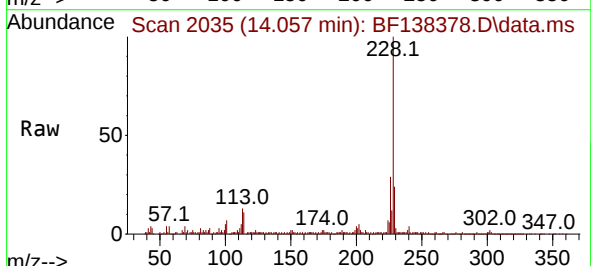
Manual Integrations
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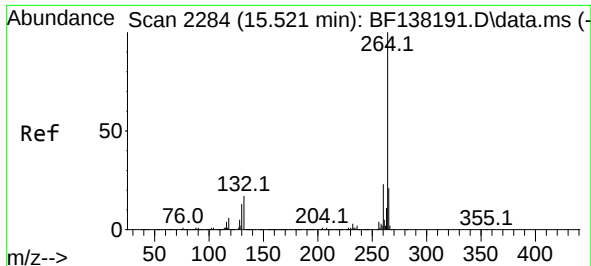
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#83
Chrysene
Concen: 3.282 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

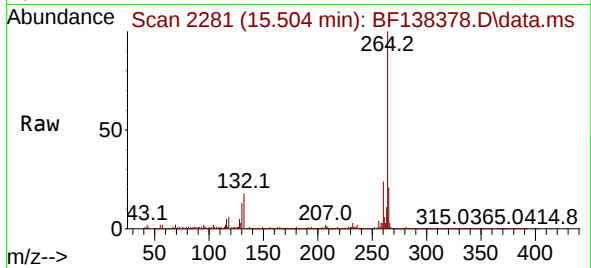
Tgt Ion:228 Resp: 88726
Ion Ratio Lower Upper
228 100
226 28.7 24.5 36.7
229 23.7 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

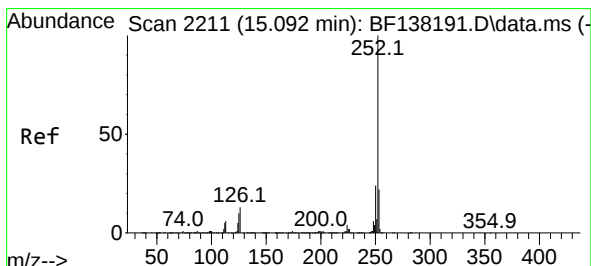
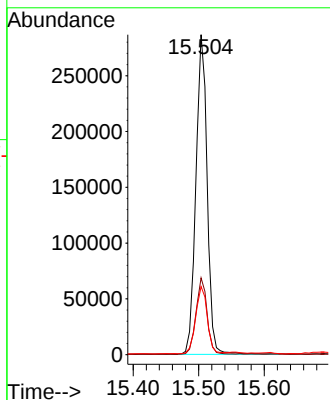
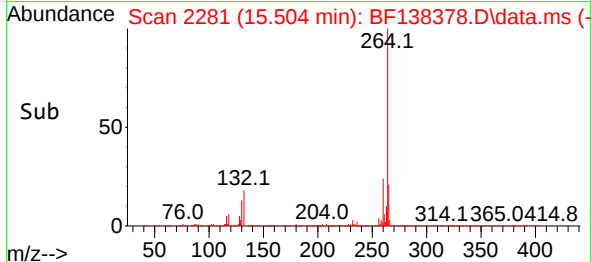
Instrument :
BNA_F
ClientSampleId :
1-W-1



Tgt Ion:264 Resp: 343940
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.3 17.0 25.6

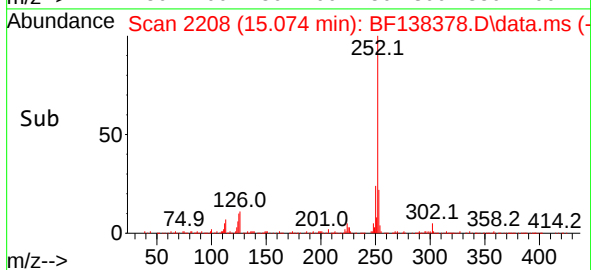
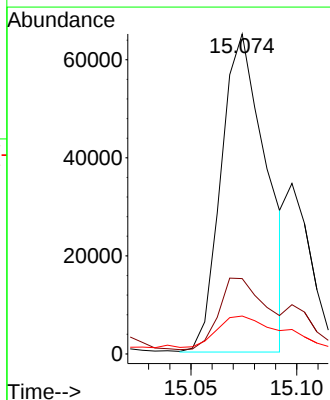
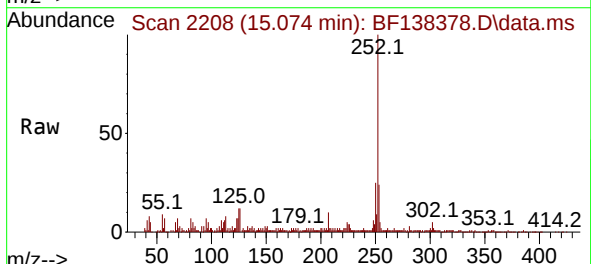
Manual Integrations
APPROVED

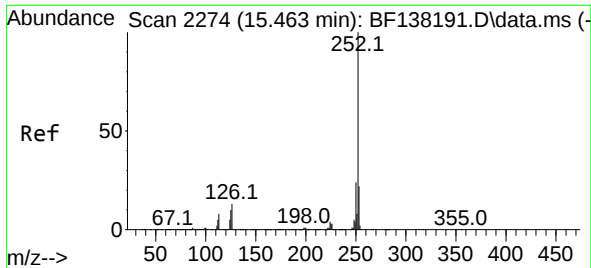
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#88
Benzo(b)fluoranthene
Concen: 4.747 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BF138378.D
Acq: 27 Jun 2024 21:09

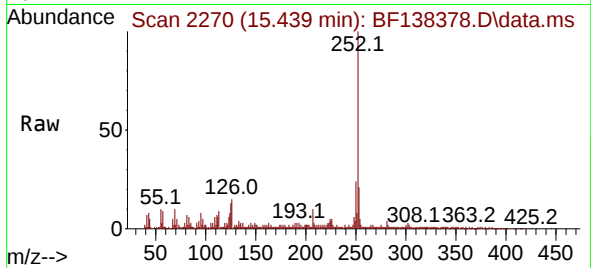
Tgt Ion:252 Resp: 96277
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 11.9 7.8 11.8#





#90
 Benzo(a)pyrene
 Concen: 3.567 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF138378.D
 Acq: 27 Jun 2024 21:09

Instrument :
 BNA_F
 ClientSampleId :
 1-W-1



Tgt Ion:252 Resp: 62160
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.7 26.5
 125 12.8 8.2 12.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :Jagrut Upadhyay 06/28/2024

