

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138370.D
 Acq On : 27 Jun 2024 17:07
 Operator : CG\JU
 Sample : P3047-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-062424

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 17:38:36 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	233653	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	873405	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	434473	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	569967	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	437640	20.000	ng	-0.02
86) Perylene-d12	15.504	264	378842	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	147677	10.573	ng	-0.01
7) Phenol-d6	6.510	99	185494	10.473	ng	-0.01
23) Nitrobenzene-d5	7.434	82	108766	7.250	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	32579	7.532	ng	-0.02
45) 2-Fluorobiphenyl	9.228	172	249060	9.115	ng	-0.02
79) Terphenyl-d14	12.980	244	179030	6.479	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	226280	8.028	ng	97
75) Fluoranthene	12.610	202	183770	6.394	ng	98
78) Pyrene	12.839	202	284153	7.527	ng	97
81) Benzo(a)anthracene	14.021	228	135595	4.829	ng	95
83) Chrysene	14.057	228	139246	5.203	ng	95
88) Benzo(b)fluoranthene	15.074	252	110627m	4.952	ng	
90) Benzo(a)pyrene	15.439	252	84349	4.395	ng	# 97

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

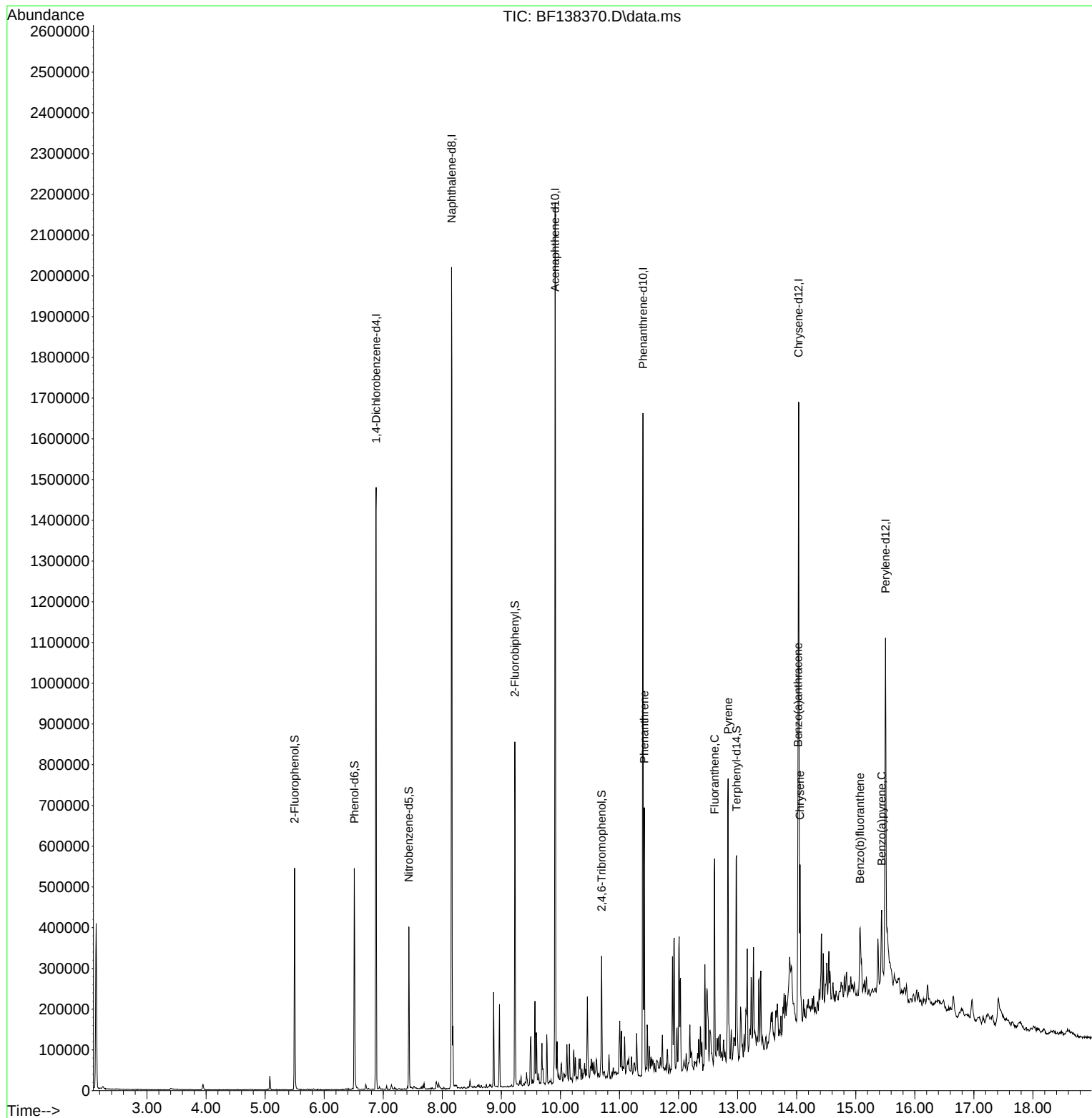
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138370.D
Acq On : 27 Jun 2024 17:07
Operator : CG\JU
Sample : P3047-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

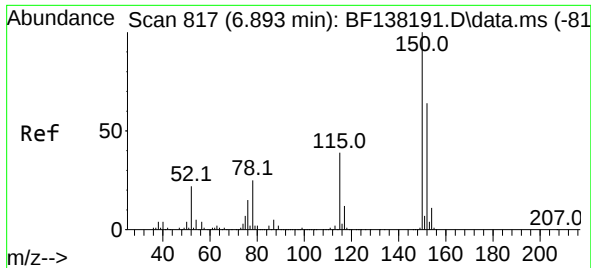
Instrument :
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ClientSampleId :
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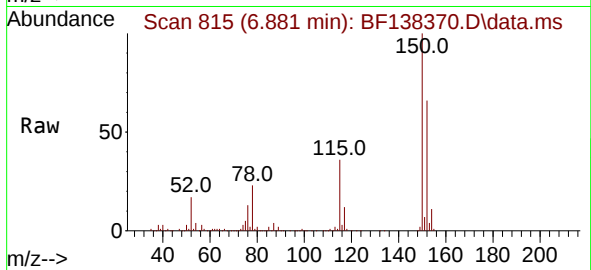
Quant Time: Jun 27 17:38:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

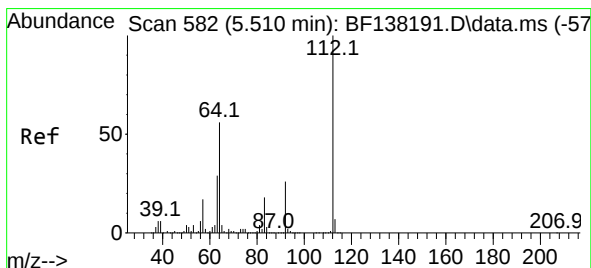
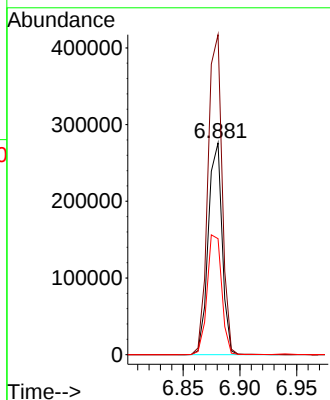
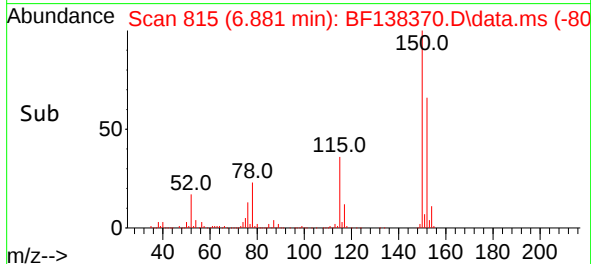
Instrument :
BNA_F
ClientSampleId :
EO-01-062424



Tgt Ion:152 Resp: 23365
Ion Ratio Lower Upper
152 100
150 151.1 125.0 187.4
115 54.8 48.4 72.6

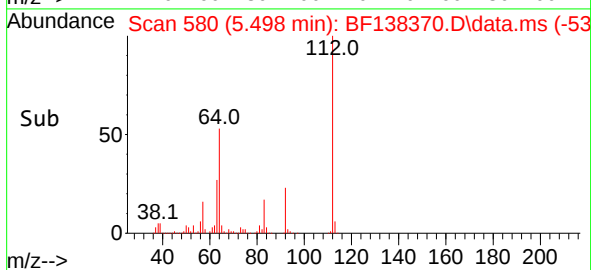
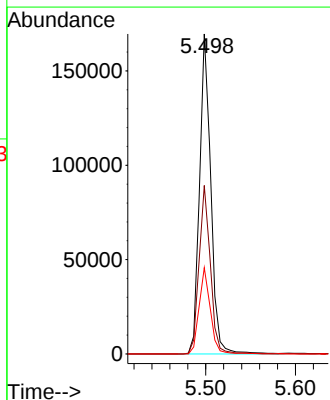
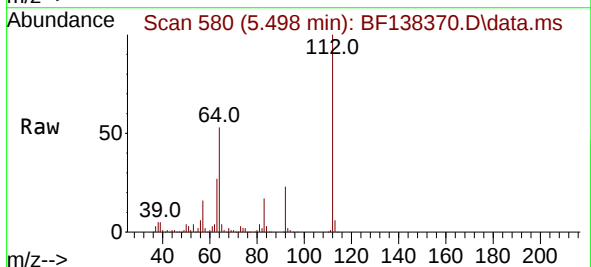
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#5
2-Fluorophenol
Concen: 10.573 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

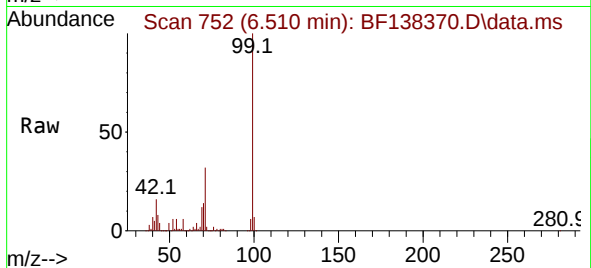
Tgt Ion:112 Resp: 147677
Ion Ratio Lower Upper
112 100
64 52.6 45.2 67.8
63 27.0 22.9 34.3





#7
Phenol-d6
Concen: 10.473 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

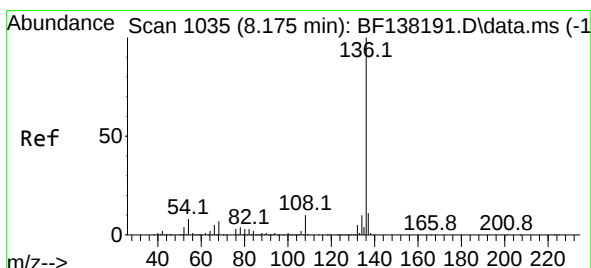
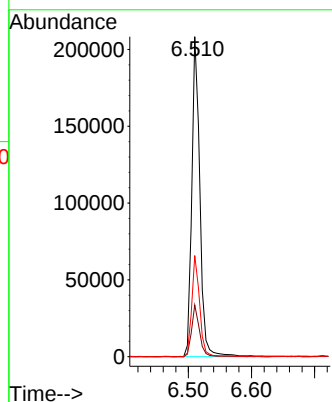
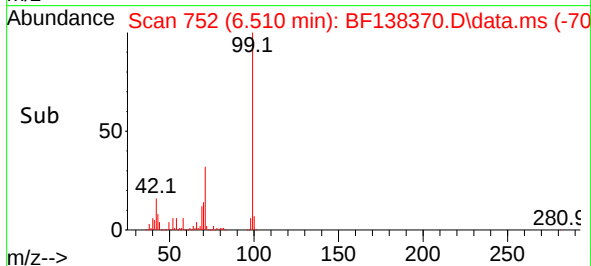
Instrument :
BNA_F
ClientSampleId :
EO-01-062424



Tgt Ion: 99 Resp: 185494
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 31.6 25.0 37.6

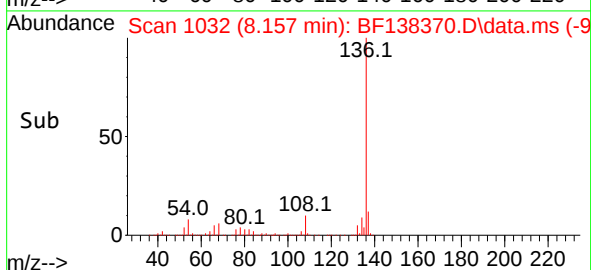
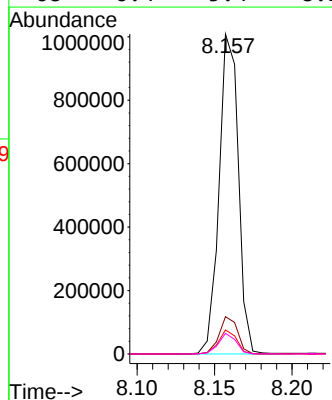
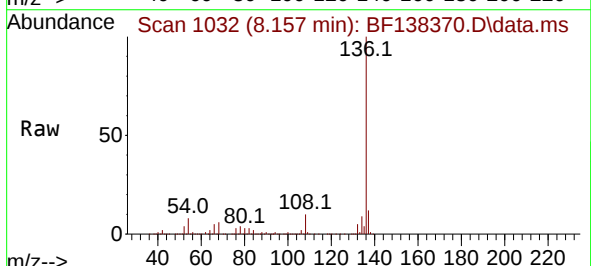
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Tgt Ion:136 Resp: 873405
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 7.5 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 7.250 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.024 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EO-01-062424

Tgt Ion: 82 Resp: 108760

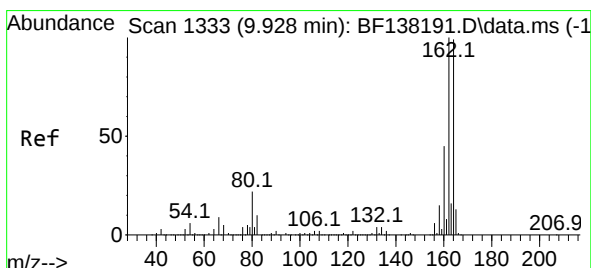
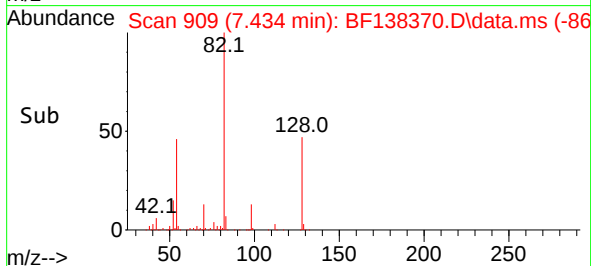
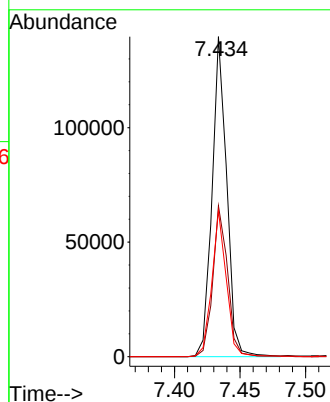
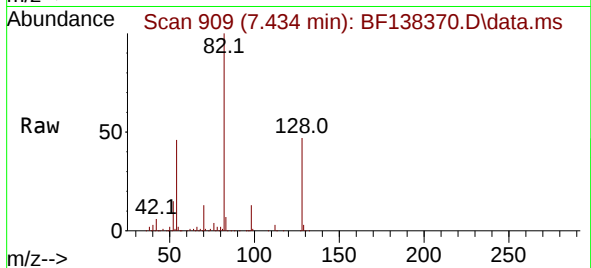
Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.2	55.8
54	45.6	39.8	59.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

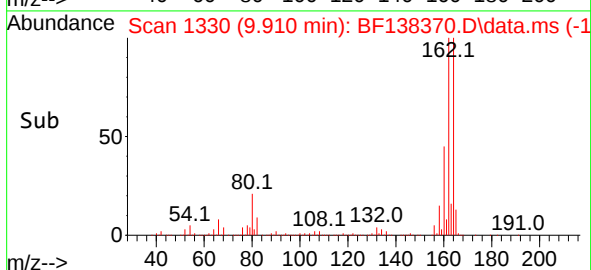
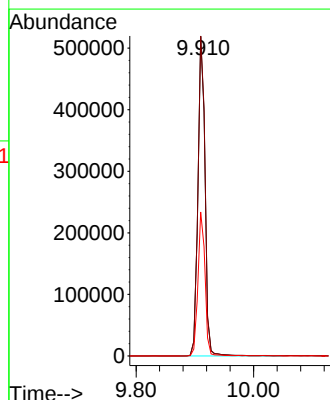
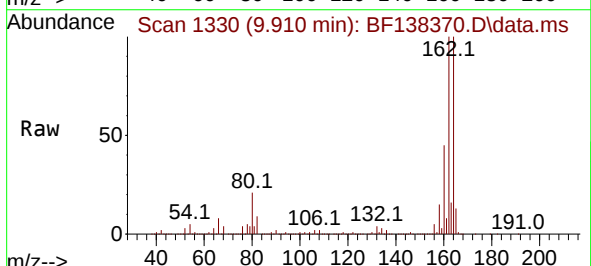
Delta R.T. -0.018 min

Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

Tgt Ion:164 Resp: 434473

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	45.1	36.3	54.5





#42
2,4,6-Tribromophenol
Concen: 7.532 ng
RT: 10.698 min Scan# 1467
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Instrument :

BNA_F

ClientSampleId :

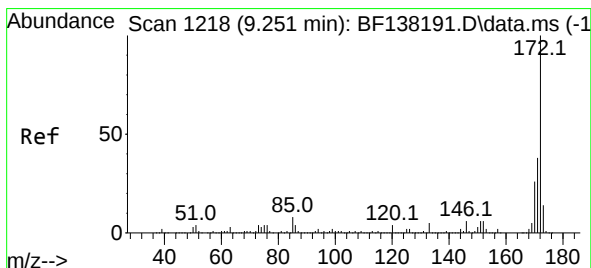
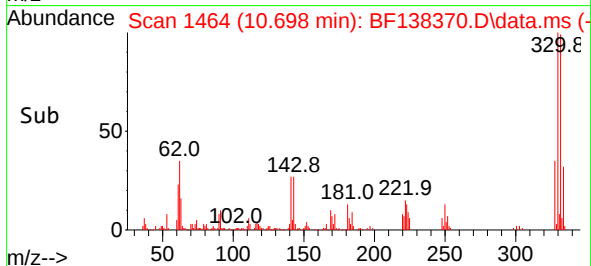
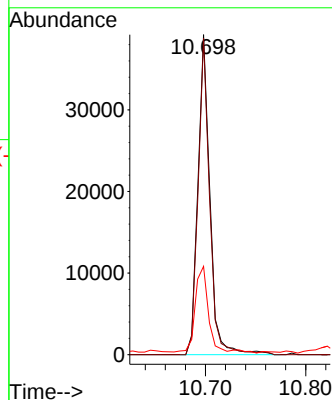
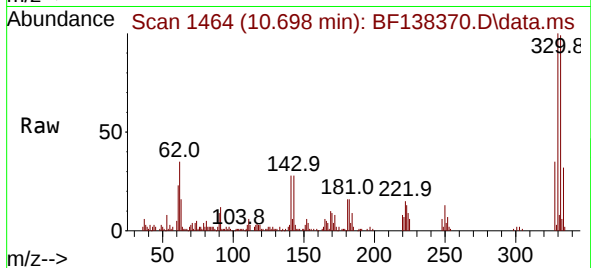
EO-01-062424

Tgt Ion:330 Resp: 32579
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 30.6 23.9 35.9

Manual Integrations

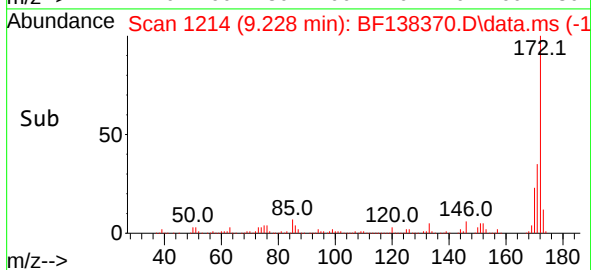
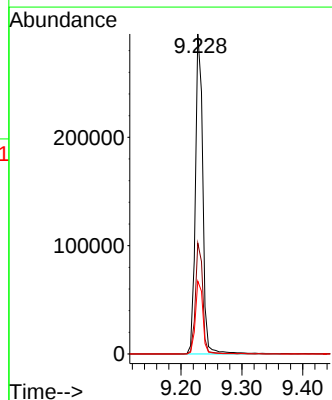
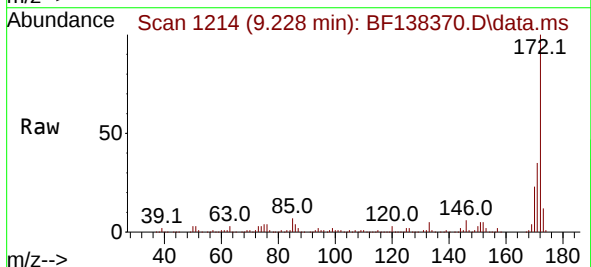
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Reviewed By :Yogesh Patel 06/28/2024
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#45
2-Fluorobiphenyl
Concen: 9.115 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.023 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

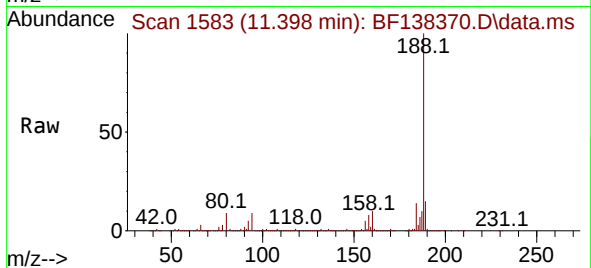
Tgt Ion:172 Resp: 249060
Ion Ratio Lower Upper
172 100
171 34.7 30.3 45.5
170 22.7 20.6 30.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

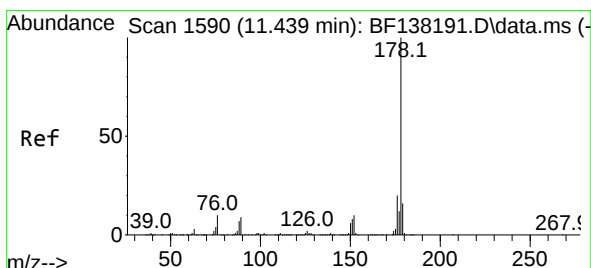
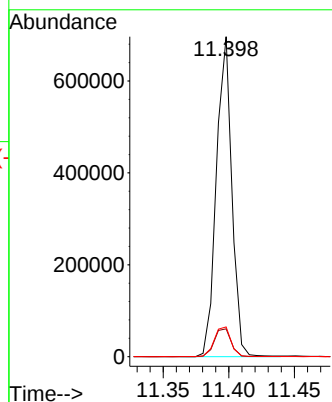
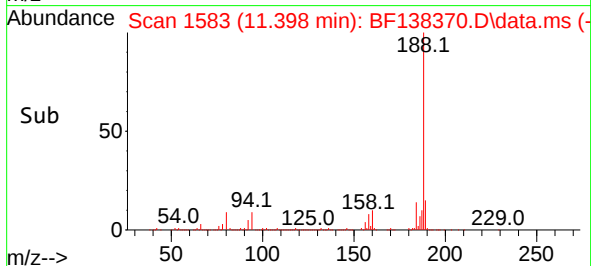
Instrument :
BNA_F
ClientSampleId :
EO-01-062424



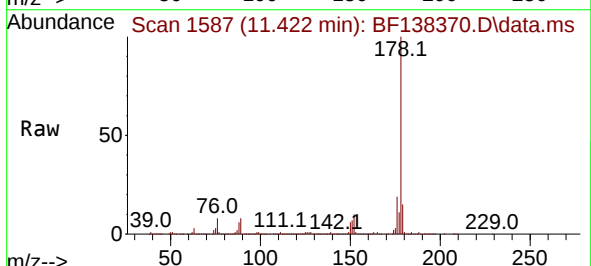
Tgt Ion:188 Resp: 56996
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.3 8.1 12.1

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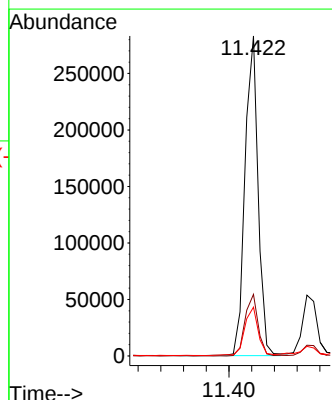
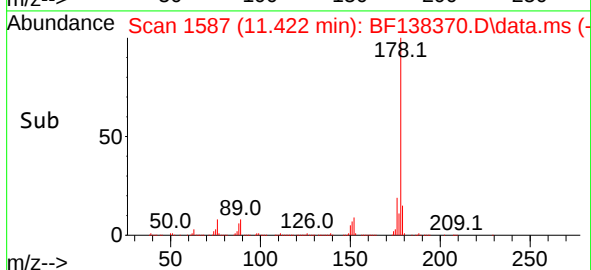
Reviewed By :Yogesh Patel 06/28/2024
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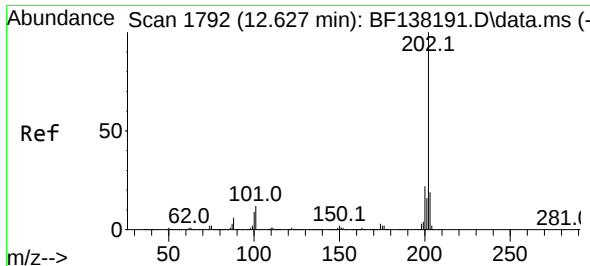


#71
Phenanthrene
Concen: 8.028 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07



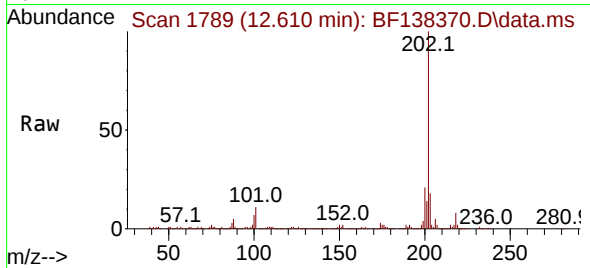
Tgt Ion:178 Resp: 226280
Ion Ratio Lower Upper
178 100
176 19.2 16.4 24.6
179 15.3 13.1 19.7





#75
Fluoranthene
Concen: 6.394 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

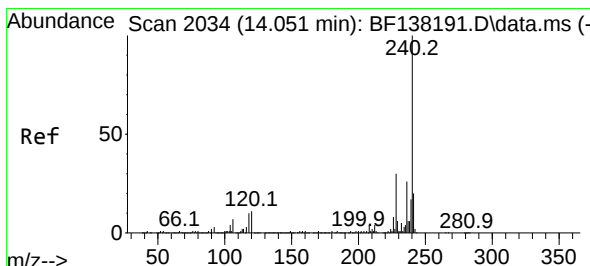
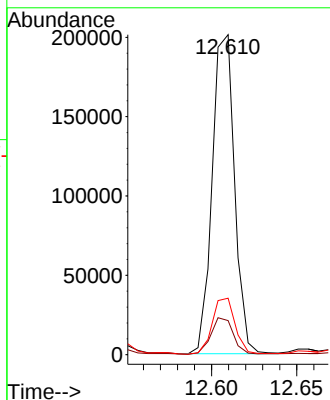
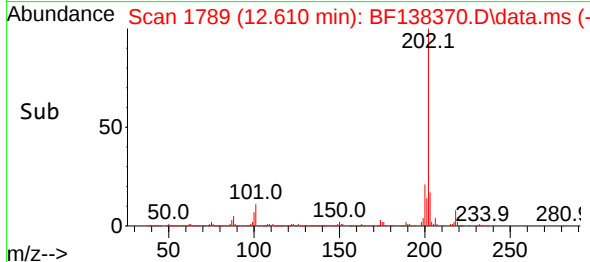
Instrument :
BNA_F
ClientSampleId :
EO-01-062424



Tgt Ion:202 Resp: 183770
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 17.6 0.0 38.6

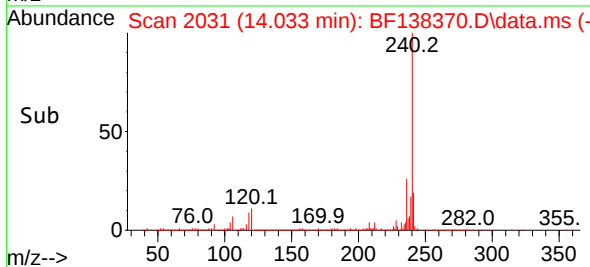
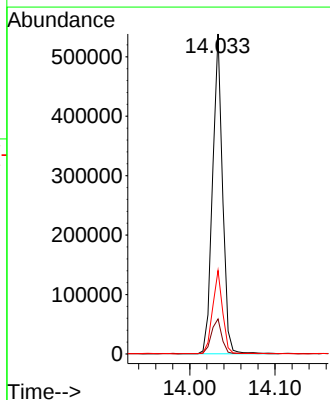
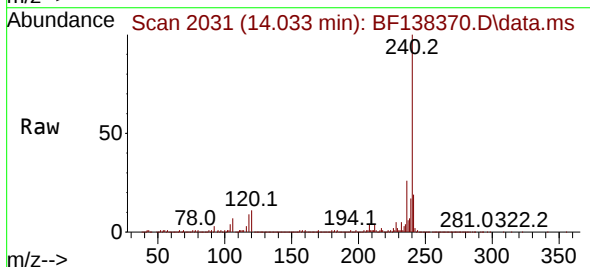
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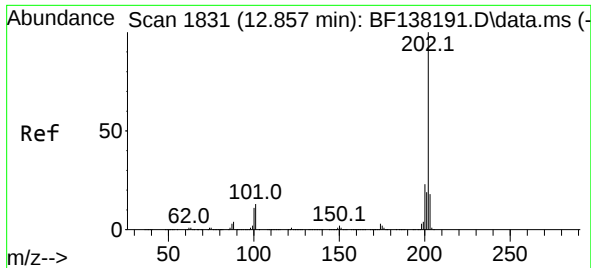
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

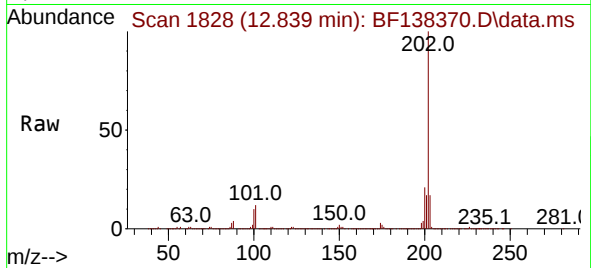
Tgt Ion:240 Resp: 437640
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.1 21.0 31.6





#78
Pyrene
Concen: 7.527 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

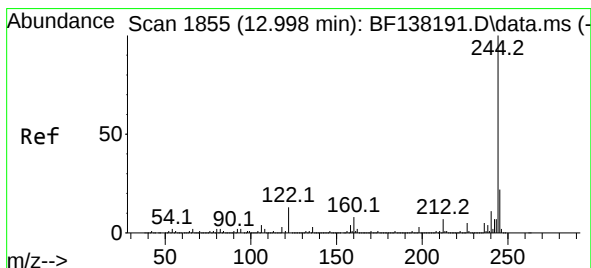
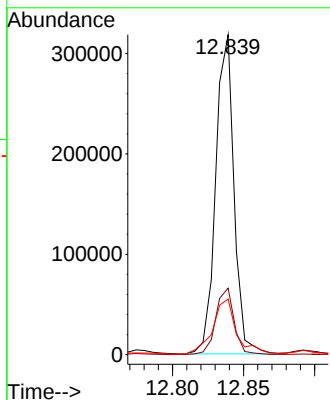
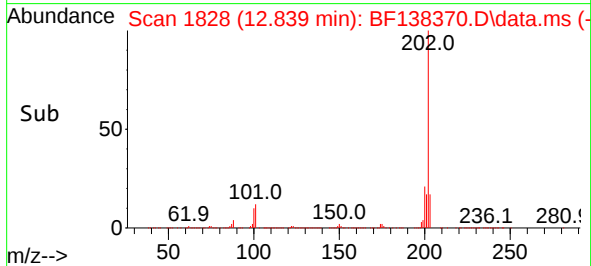
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BNA_F
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EO-01-062424



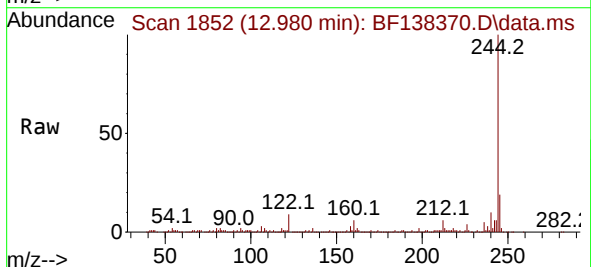
Tgt Ion:202 Resp: 28415
Ion Ratio Lower Upper
202 100
200 20.8 18.0 27.0
203 17.4 14.7 22.1

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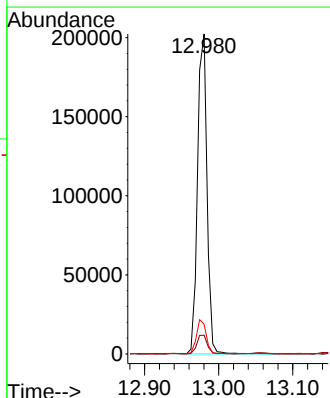
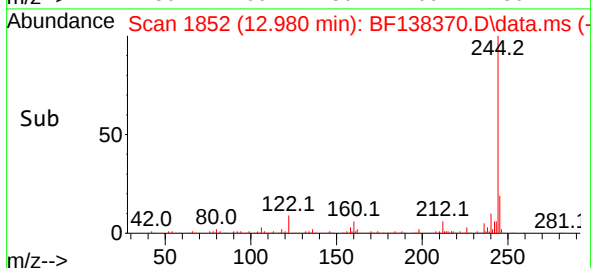
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024

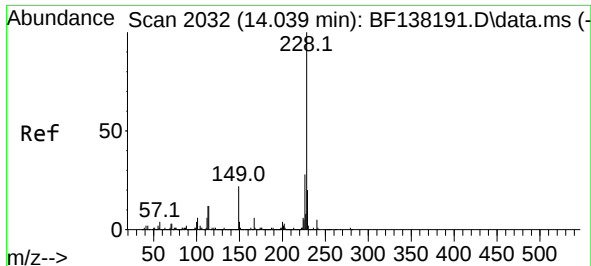


#79
Terphenyl-d14
Concen: 6.479 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07



Tgt Ion:244 Resp: 179030
Ion Ratio Lower Upper
244 100
212 5.9 5.9 8.9#
122 9.3 10.6 15.8#





#81
Benzo(a)anthracene
Concen: 4.829 ng
RT: 14.021 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Instrument :

BNF_F

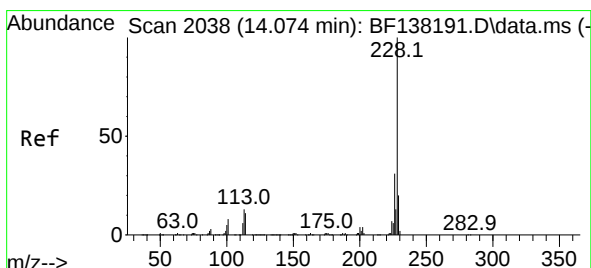
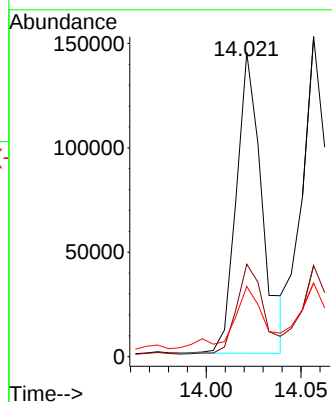
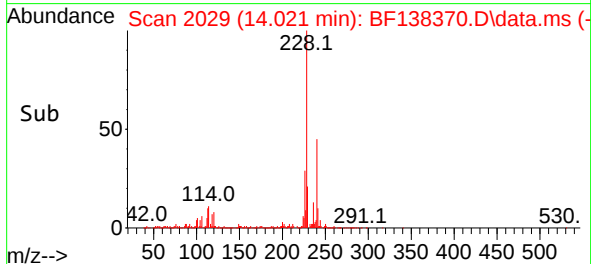
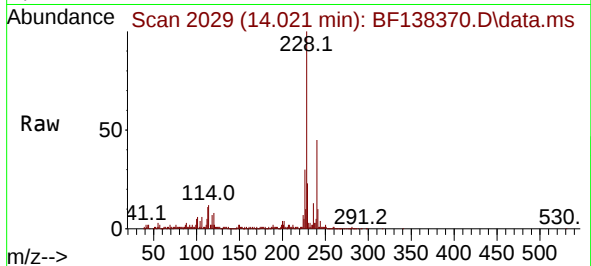
ClientSampleId :

EO-01-062424

Tgt Ion:228 Resp: 13559
Ion Ratio Lower Upper
228 100
226 30.4 22.5 33.7
229 23.1 16.3 24.5

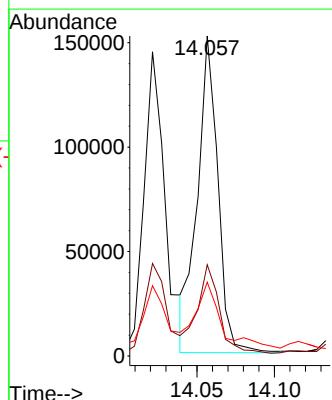
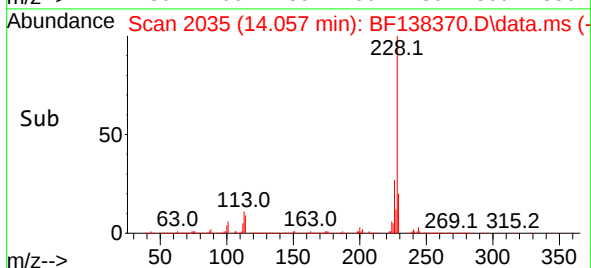
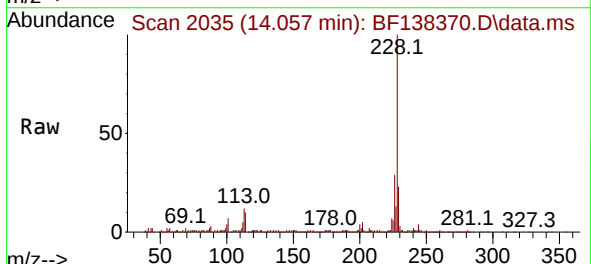
Manual Integrations
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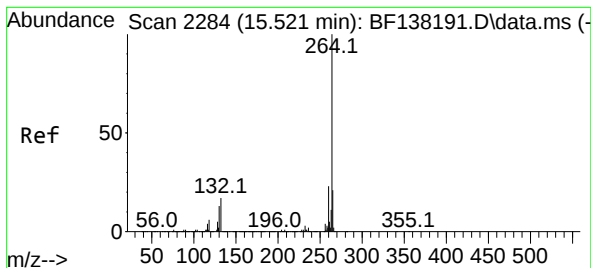
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#83
Chrysene
Concen: 5.203 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Tgt Ion:228 Resp: 139246
Ion Ratio Lower Upper
228 100
226 28.5 24.5 36.7
229 23.0 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: BF138370.D

Acq: 27 Jun 2024 17:07

Instrument :

BNA_F

ClientSampleId :

EO-01-062424

Tgt Ion:264 Resp: 37884

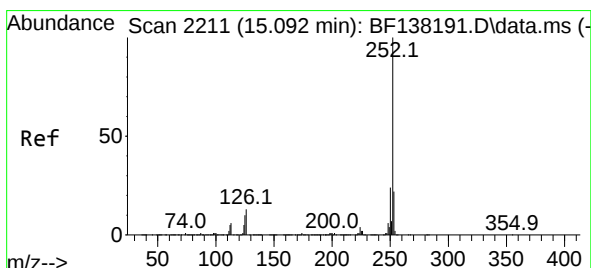
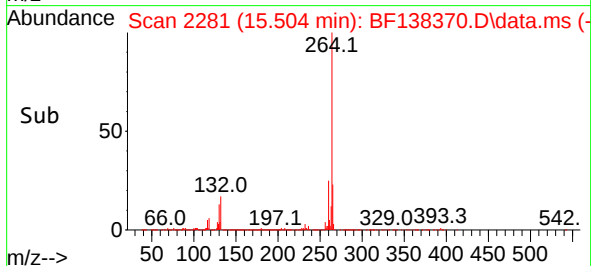
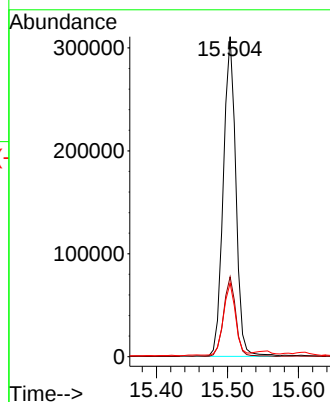
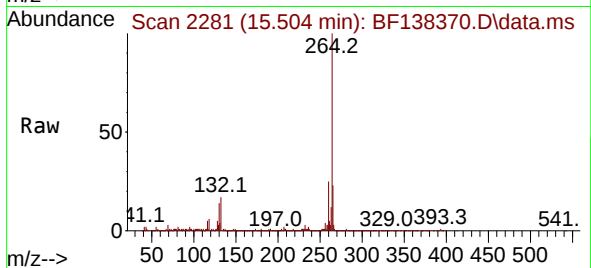
Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	23.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#88

Benzo(b)fluoranthene

Concen: 4.952 ng m

RT: 15.074 min Scan# 2208

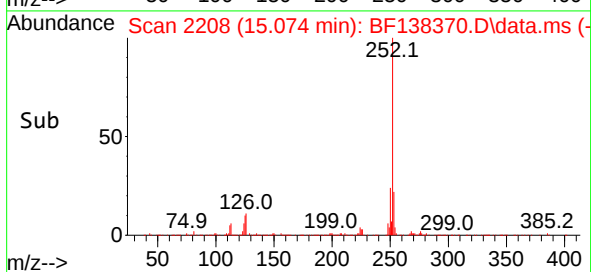
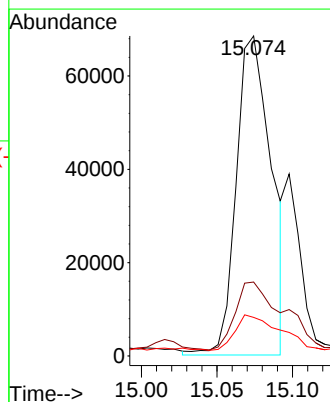
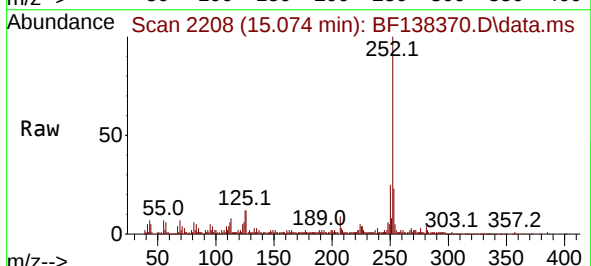
Delta R.T. -0.018 min

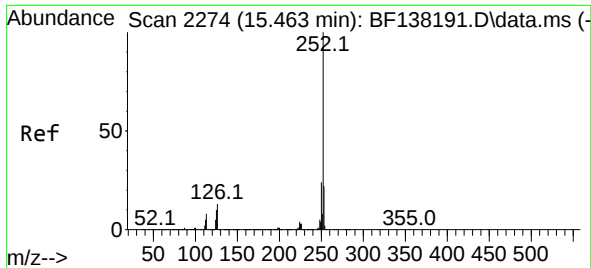
Lab File: BF138370.D

Acq: 27 Jun 2024 17:07

Tgt Ion:252 Resp: 110627

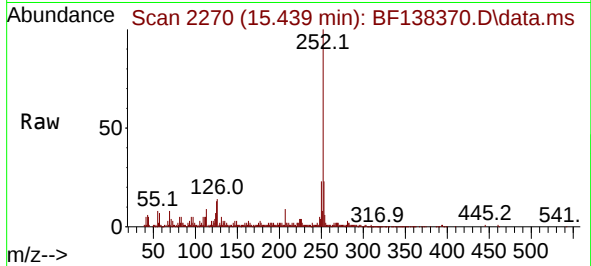
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	12.0	7.8	11.8





#90
Benzo(a)pyrene
Concen: 4.395 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF138370.D
Acq: 27 Jun 2024 17:07

Instrument :
BNA_F
ClientSampleId :
EO-01-062424



Tgt Ion:252 Resp: 84349
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.9 8.2 12.2

Manual Integrations
APPROVED

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

