

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138376.D
 Acq On : 27 Jun 2024 20:09
 Operator : CG\JU
 Sample : P3076-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-E-1

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 01:13:47 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	223497	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	796434	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	343323	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	486239	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	457198	20.000	ng	-0.02
86) Perylene-d12	15.504	264	361385	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1129787	84.562	ng	0.00
7) Phenol-d6	6.516	99	1340951	79.152	ng	0.00
23) Nitrobenzene-d5	7.440	82	827514	60.488	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	267462	78.254	ng	-0.02
45) 2-Fluorobiphenyl	9.234	172	1438063	66.606	ng	-0.02
79) Terphenyl-d14	12.980	244	1324469	45.882	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	148153	6.161	ng	98
75) Fluoranthene	12.610	202	278411	11.354	ng	97
78) Pyrene	12.839	202	249463	6.326	ng	97
81) Benzo(a)anthracene	14.022	228	115641	3.943	ng	99
83) Chrysene	14.057	228	110920	3.967	ng	98
88) Benzo(b)fluoranthene	15.074	252	118737m	5.572	ng	
90) Benzo(a)pyrene	15.439	252	73965	4.040	ng	97
92) Benzo(g,h,i)perylene	17.415	276	41221	2.061	ng	94

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

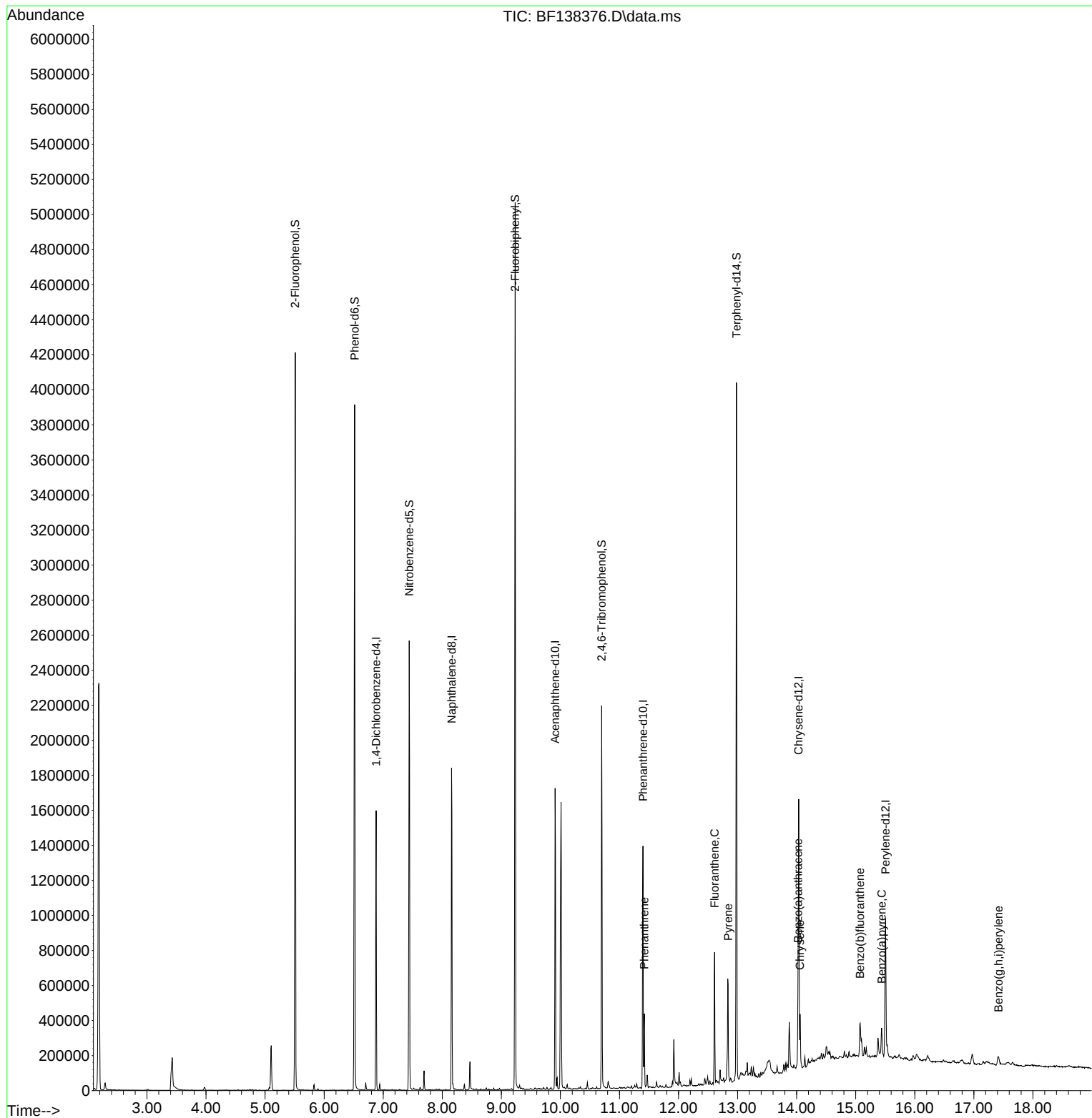
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138376.D
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ALS Vial : 16 Sample Multiplier: 1

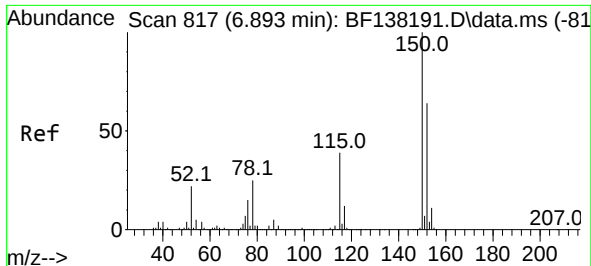
Instrument :
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ClientSampleId :
7-E-1

Quant Time: Jun 28 01:13:47 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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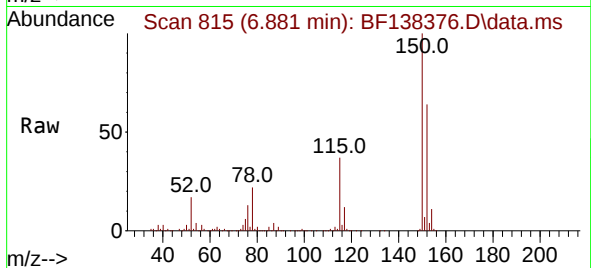
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

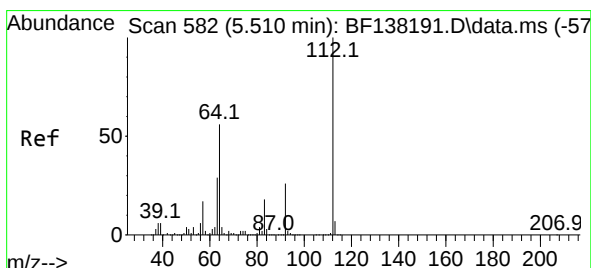
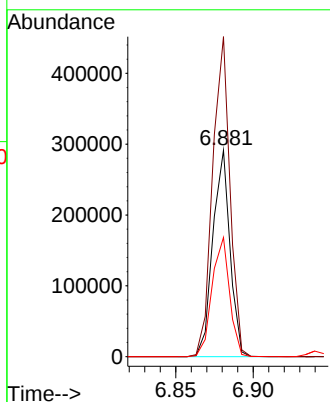
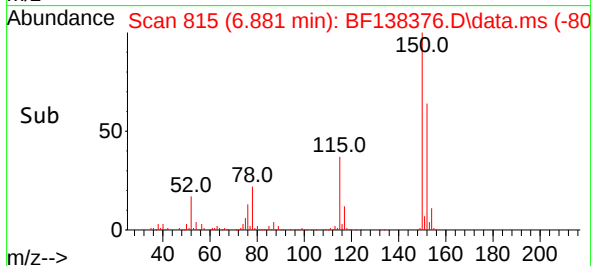
Instrument :
BNA_F
ClientSampleId :
7-E-1



Tgt Ion:152 Resp: 22349
Ion Ratio Lower Upper
152 100
150 155.0 125.0 187.4
115 57.7 48.4 72.6

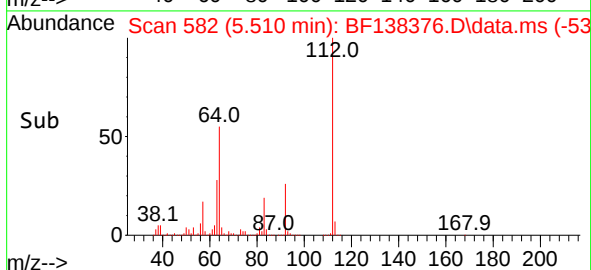
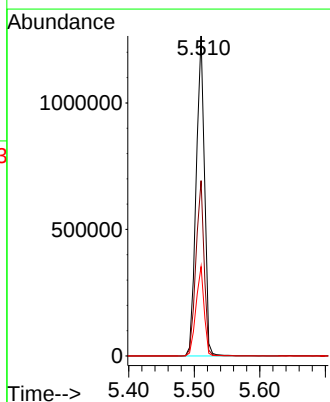
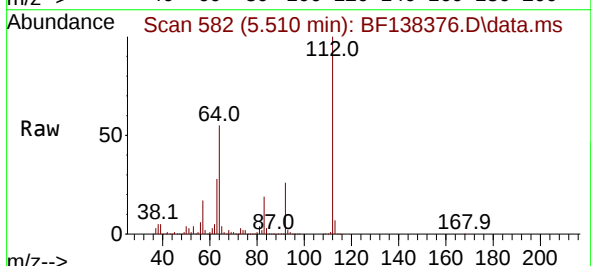
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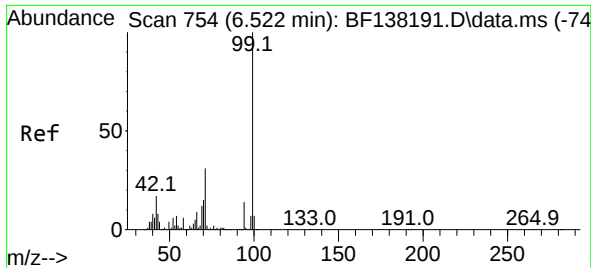
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#5
2-Fluorophenol
Concen: 84.562 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

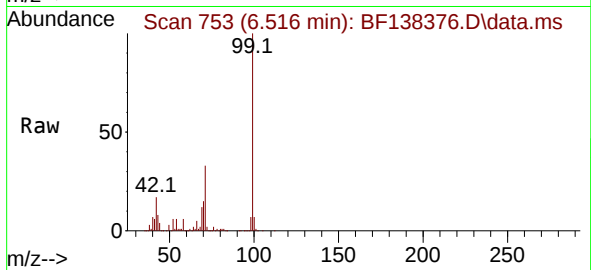
Tgt Ion:112 Resp: 1129787
Ion Ratio Lower Upper
112 100
64 54.8 45.2 67.8
63 28.0 22.9 34.3





#7
Phenol-d6
Concen: 79.152 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

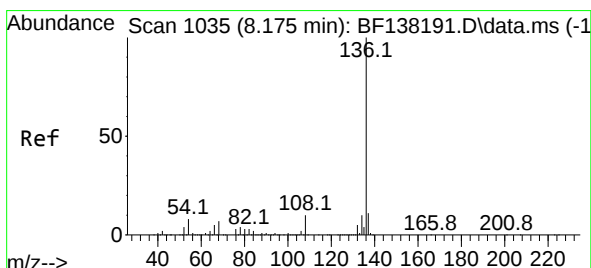
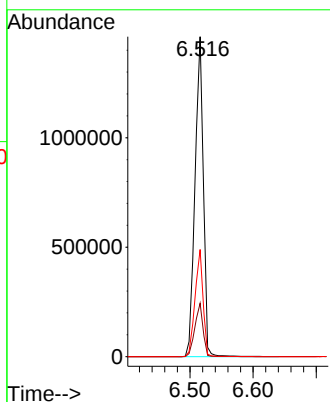
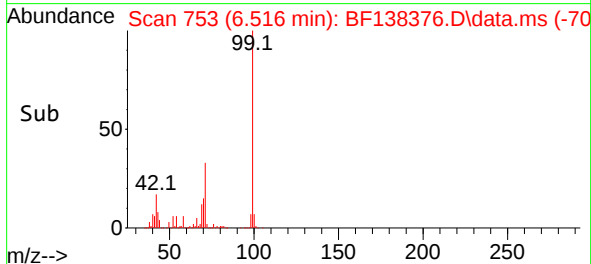
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 134095
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.5 25.0 37.6

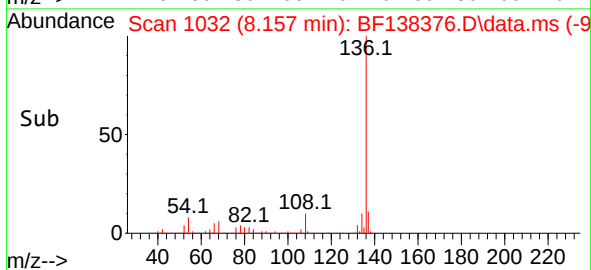
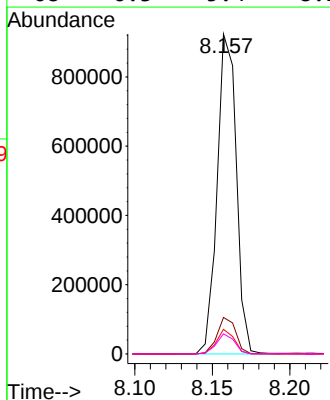
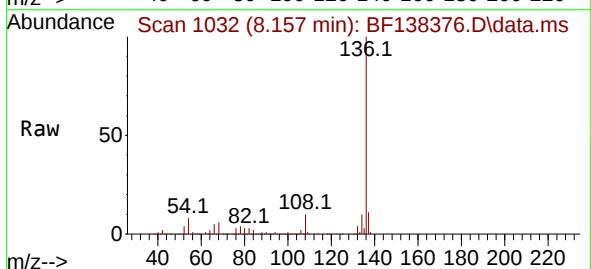
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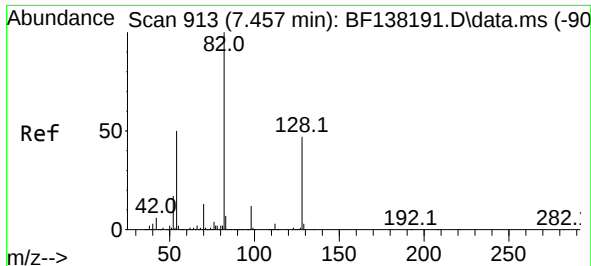
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

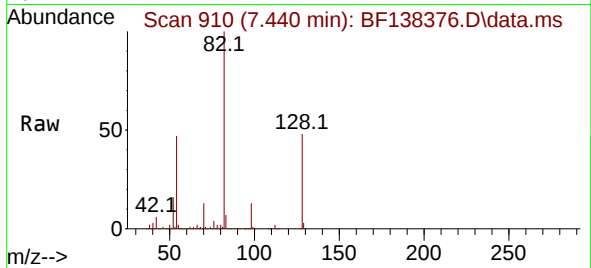
Tgt Ion:136 Resp: 796434
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.7 6.6 10.0
68 6.3 5.4 8.2





#23
Nitrobenzene-d5
Concen: 60.488 ng
RT: 7.440 min Scan# 913
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

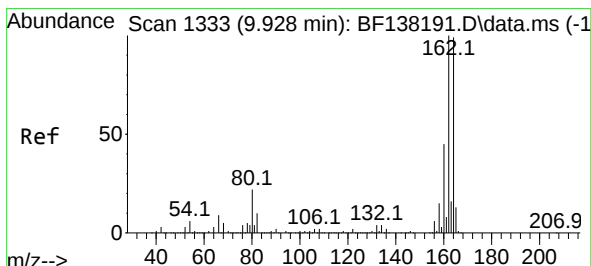
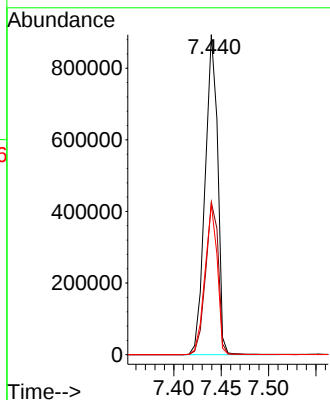
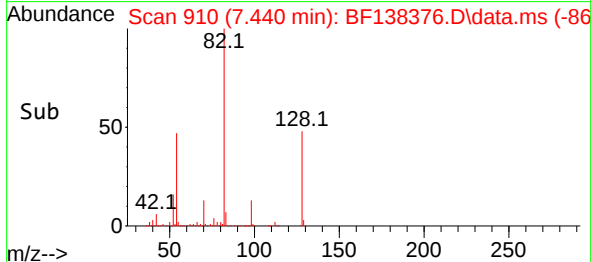
Instrument :
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ClientSampleId :
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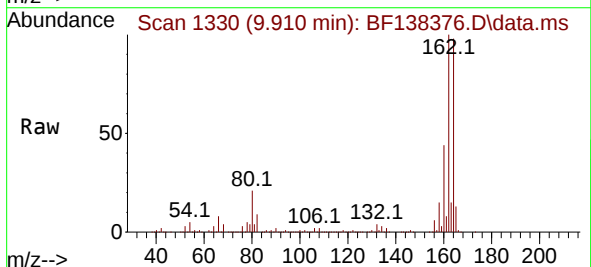
Tgt Ion: 82 Resp: 827514
Ion Ratio Lower Upper
82 100
128 47.6 37.2 55.8
54 47.0 39.8 59.6

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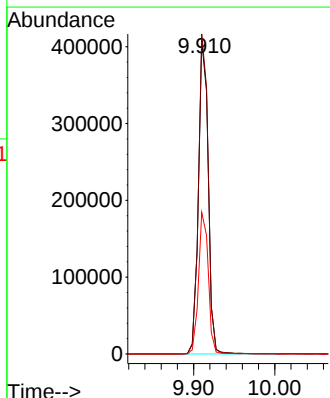
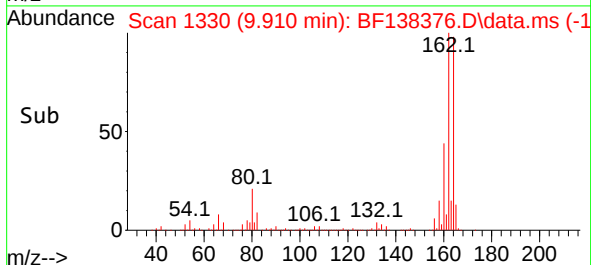
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024

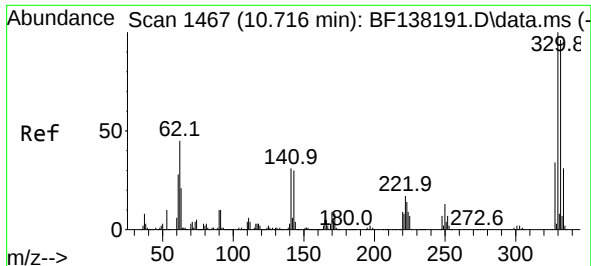


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09



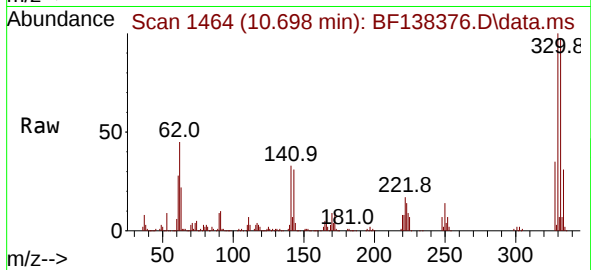
Tgt Ion:164 Resp: 343323
Ion Ratio Lower Upper
164 100
162 102.1 80.6 121.0
160 45.2 36.3 54.5





#42
2,4,6-Tribromophenol
Concen: 78.254 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

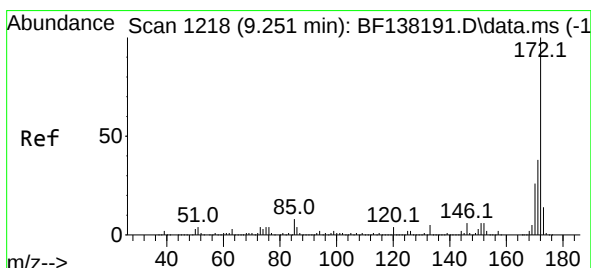
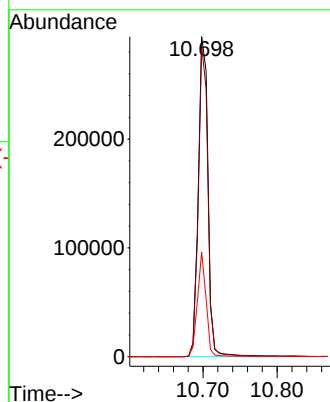
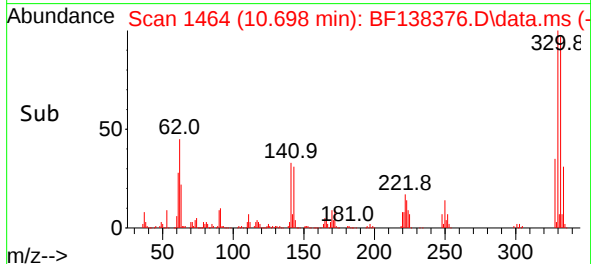
Instrument :
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ClientSampleId :
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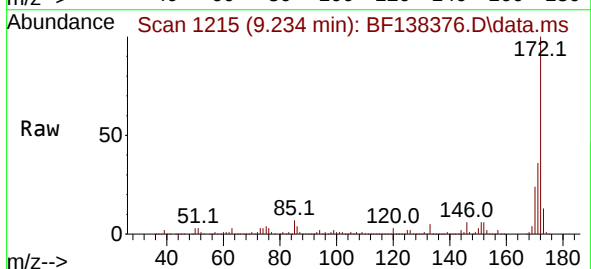
Tgt Ion:330 Resp: 267462
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 29.6 23.9 35.9

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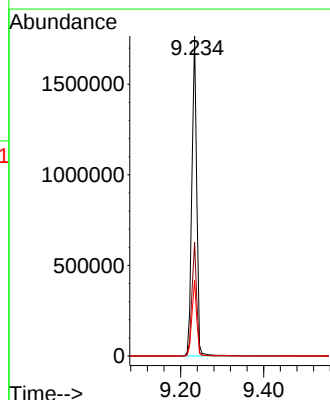
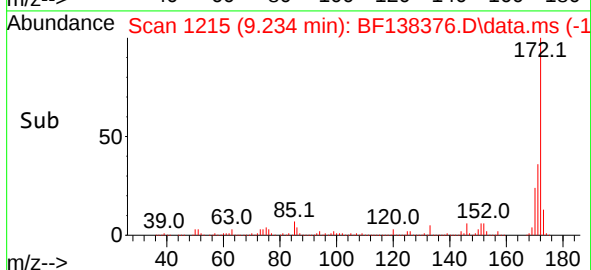
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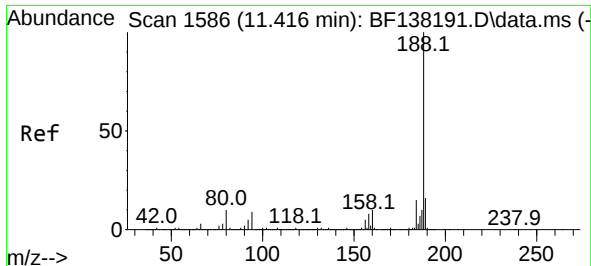


#45
2-Fluorobiphenyl
Concen: 66.606 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.017 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09



Tgt Ion:172 Resp: 1438063
Ion Ratio Lower Upper
172 100
171 35.5 30.3 45.5
170 23.6 20.6 30.8





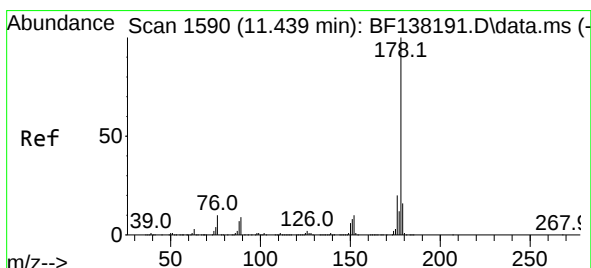
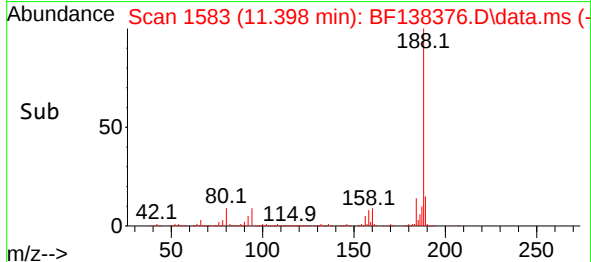
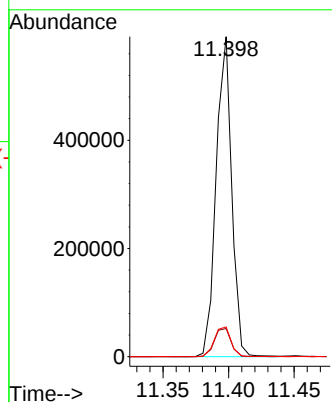
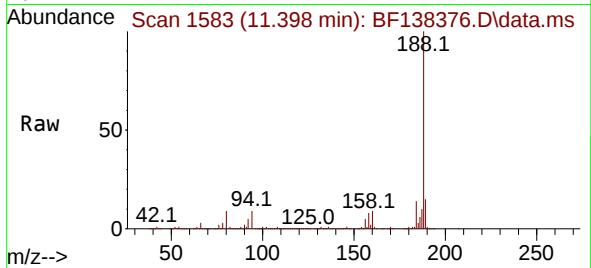
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

Instrument :
BNA_F
ClientSampleId :
7-E-1

Tgt Ion:188 Resp: 486239
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.3 8.1 12.1

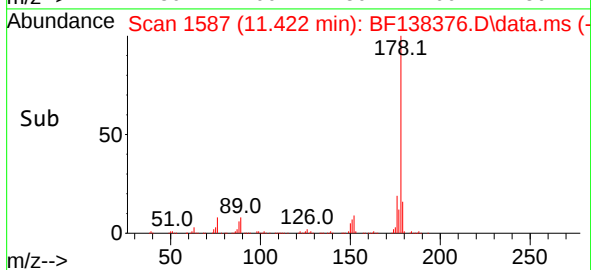
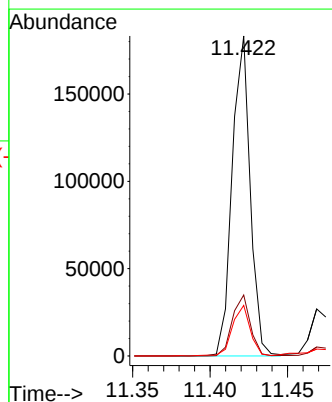
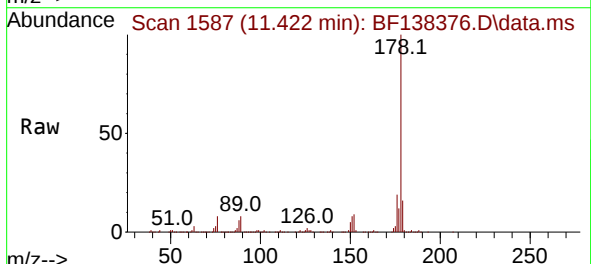
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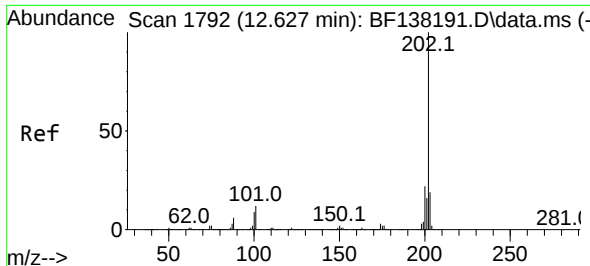
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#71
Phenanthrene
Concen: 6.161 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

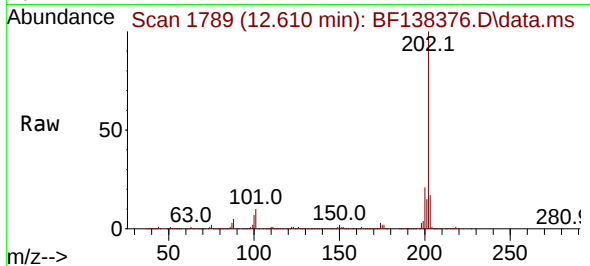
Tgt Ion:178 Resp: 148153
Ion Ratio Lower Upper
178 100
176 19.0 16.4 24.6
179 15.8 13.1 19.7





#75
Fluoranthene
Concen: 11.354 ng
RT: 12.610 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

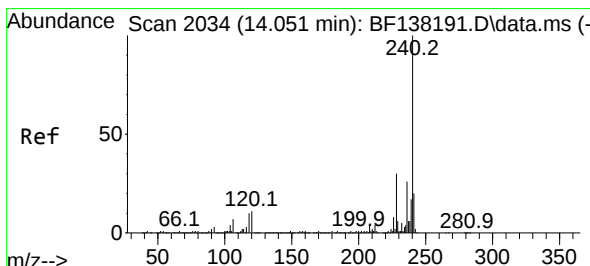
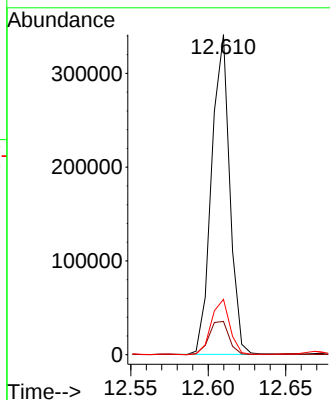
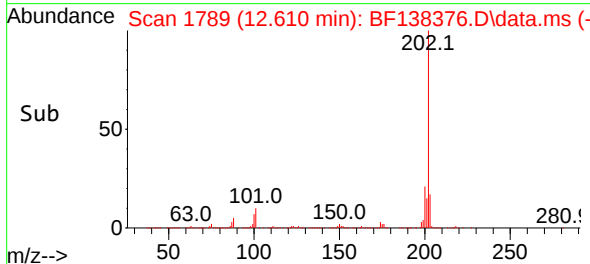
Instrument :
BNA_F
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7-E-1



Tgt Ion:202 Resp: 27841
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 17.3 0.0 38.6

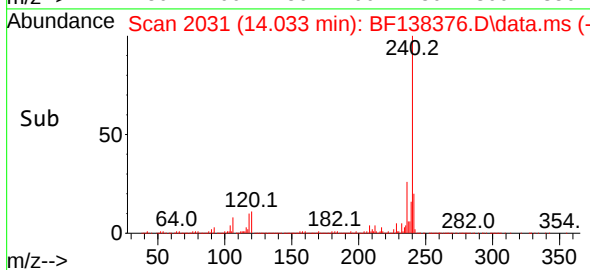
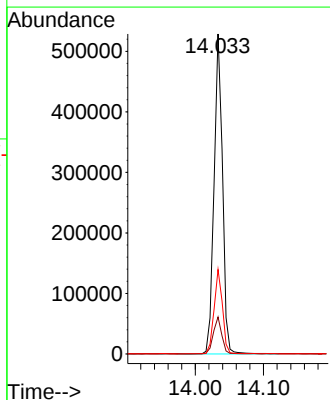
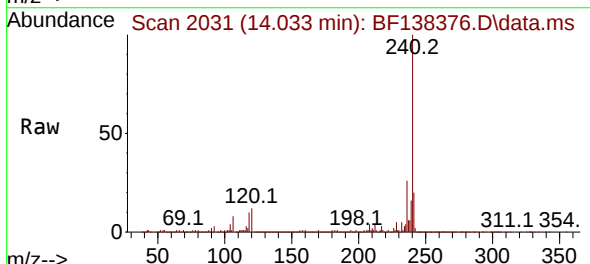
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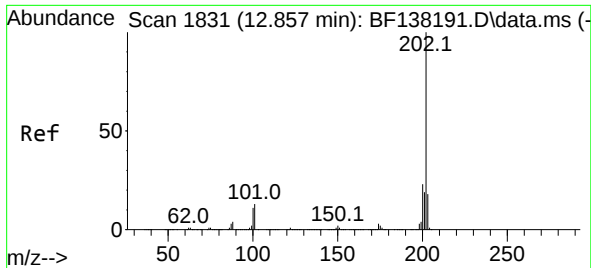
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

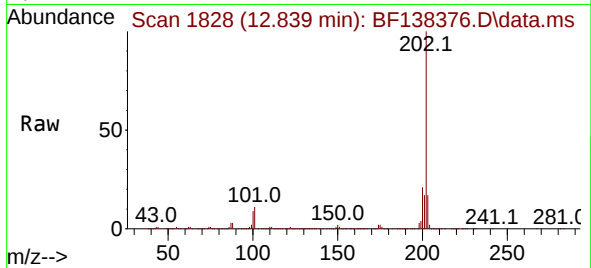
Tgt Ion:240 Resp: 457198
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.4 21.0 31.6





#78
Pyrene
Concen: 6.326 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

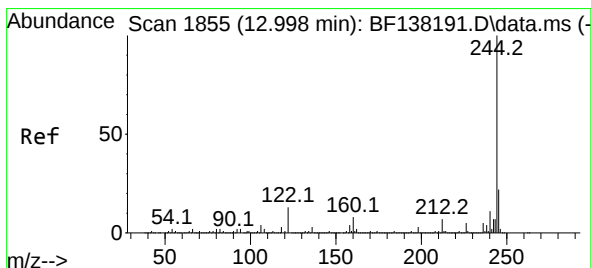
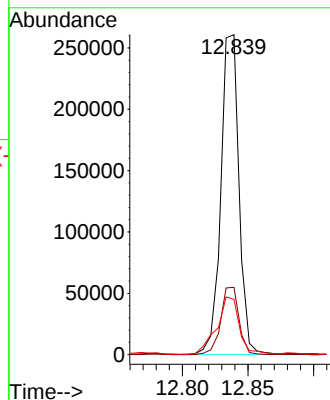
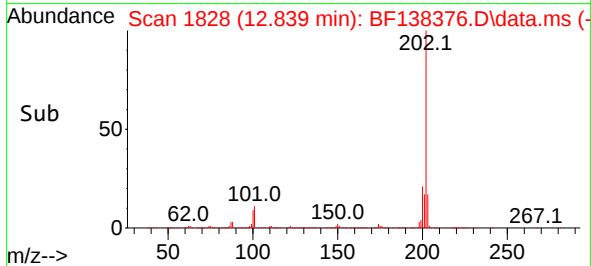
Instrument :
BNA_F
ClientSampleId :
7-E-1



Tgt Ion:202 Resp: 24946
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 17.3 14.7 22.1

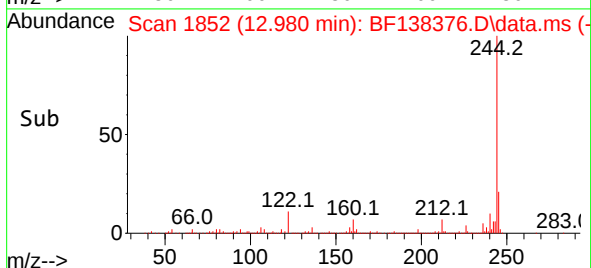
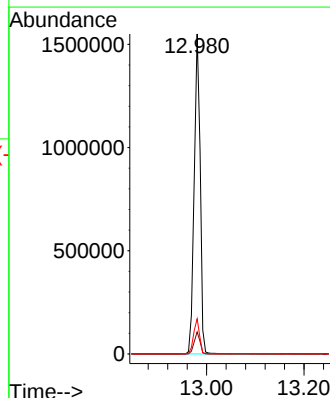
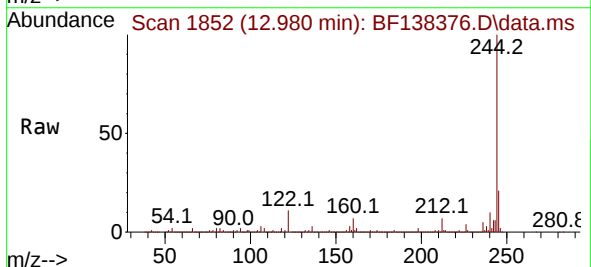
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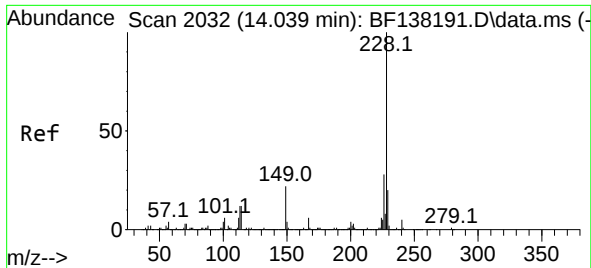
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#79
Terphenyl-d14
Concen: 45.882 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

Tgt Ion:244 Resp: 1324469
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.0 10.6 15.8





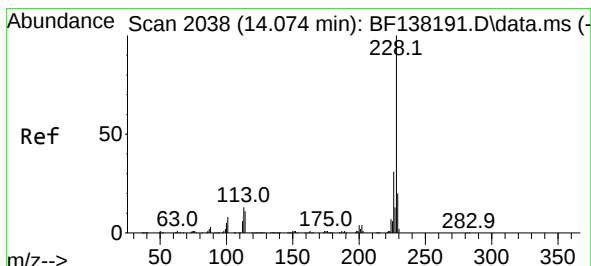
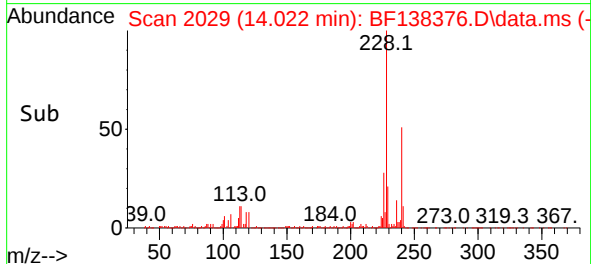
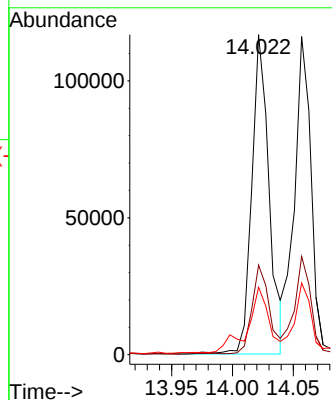
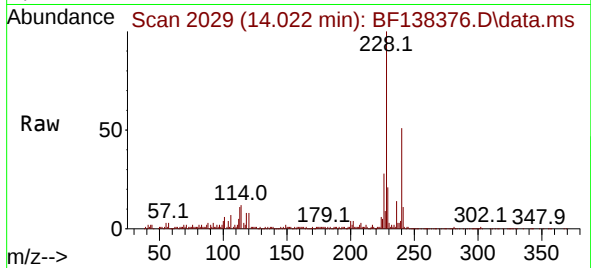
#81
Benzo(a)anthracene
Concen: 3.943 ng
RT: 14.022 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

Instrument : BNA_F
ClientSampleId : 7-E-1

Tgt Ion:228 Resp: 11564
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 21.1 16.3 24.5

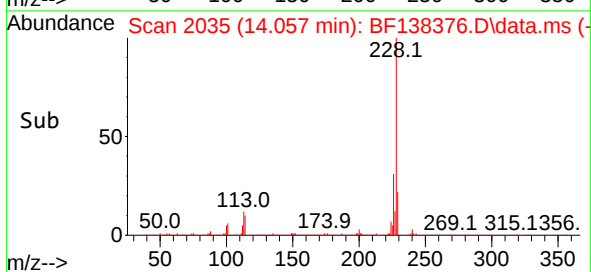
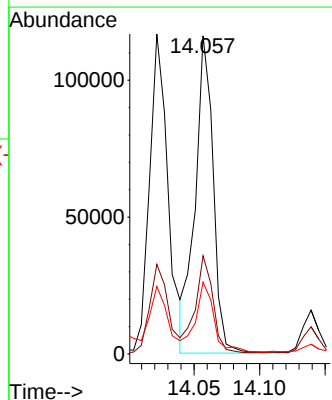
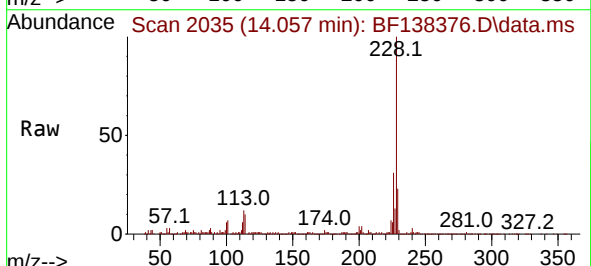
Manual Integrations
APPROVED

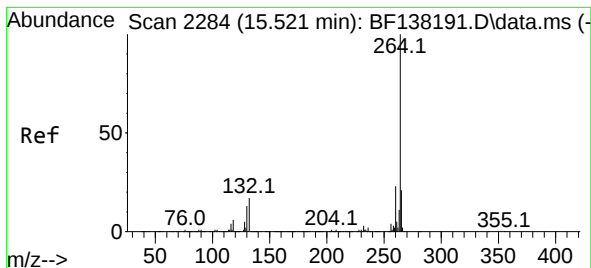
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#83
Chrysene
Concen: 3.967 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF138376.D
Acq: 27 Jun 2024 20:09

Tgt Ion:228 Resp: 110920
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 22.6 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: BF138376.D

Acq: 27 Jun 2024 20:09

Instrument :

BNA_F

ClientSampleId :

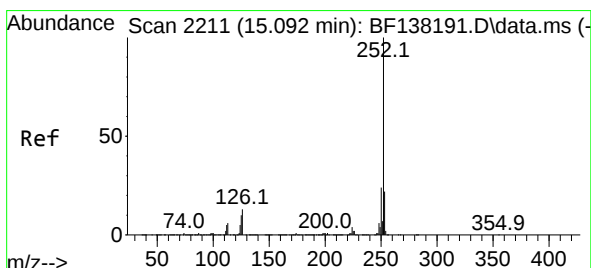
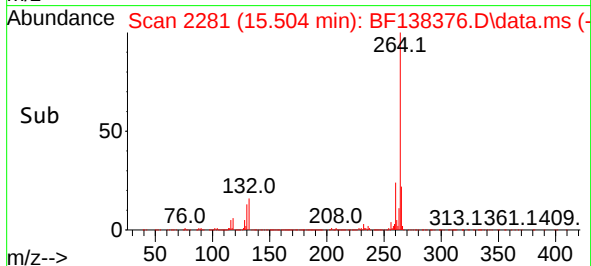
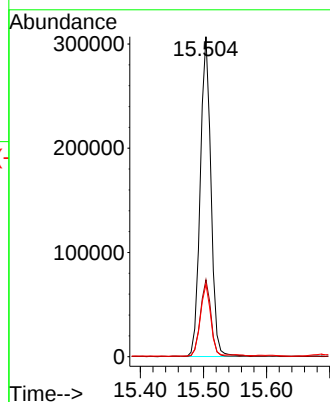
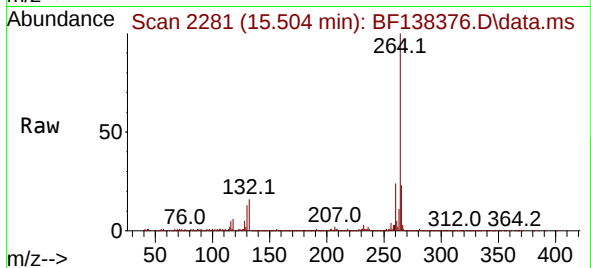
7-E-1

Tgt Ion:264 Resp: 361385
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.6 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: 5.572 ng m

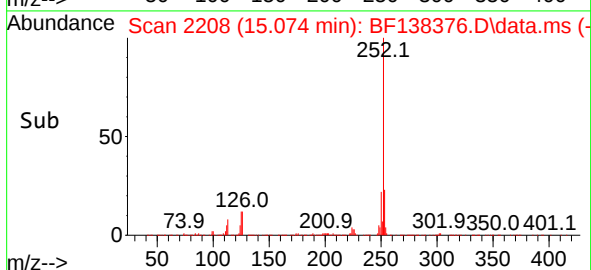
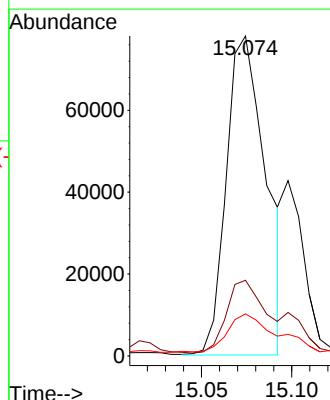
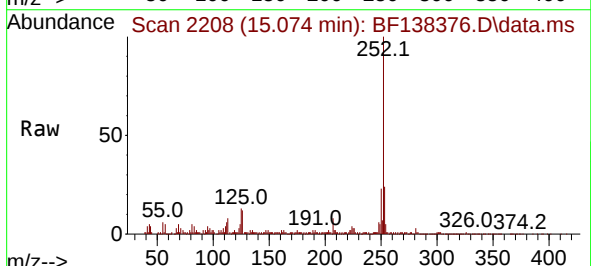
RT: 15.074 min Scan# 2208

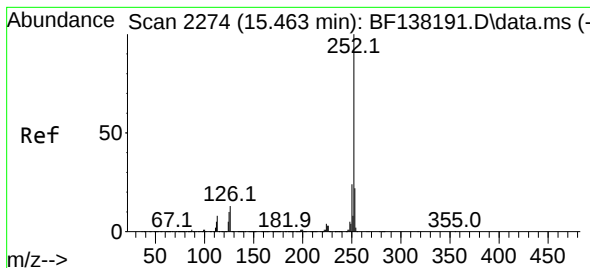
Delta R.T. -0.018 min

Lab File: BF138376.D

Acq: 27 Jun 2024 20:09

Tgt Ion:252 Resp: 118737
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.7 26.5
 125 13.1 7.8 11.8#





#90

Benzo(a)pyrene

Concen: 4.040 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF138376.D

Acq: 27 Jun 2024 20:09

Instrument :

BNA_F

ClientSampleId :

7-E-1

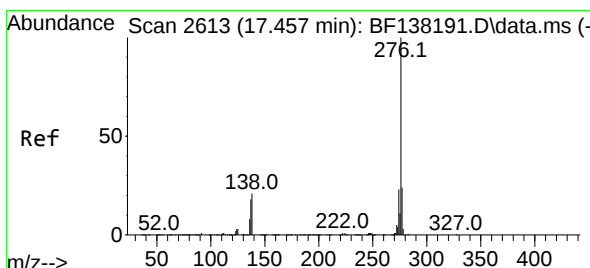
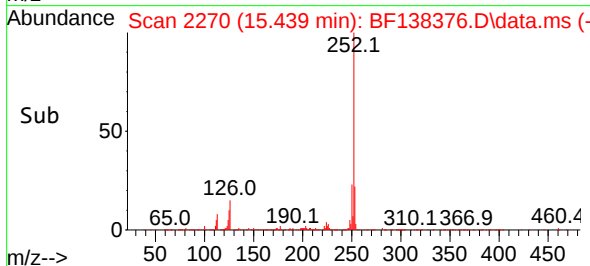
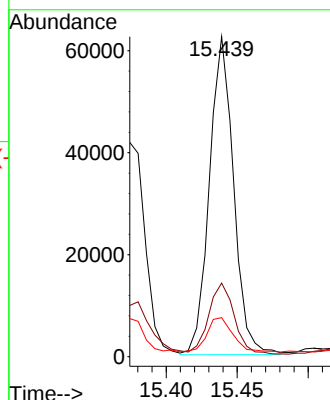
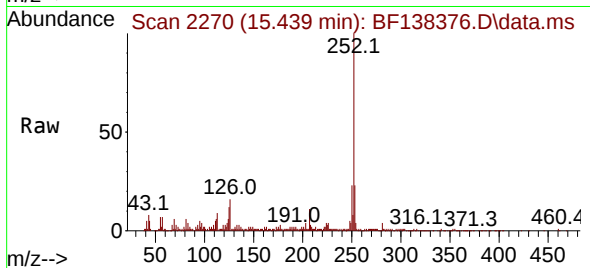
Tgt Ion:	252	Resp:	7396
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.7	26.5
125	12.2	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#92

Benzo(g,h,i)perylene

Concen: 2.061 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.041 min

Lab File: BF138376.D

Acq: 27 Jun 2024 20:09

Tgt Ion:	276	Resp:	41221
Ion Ratio	Lower	Upper	
276	100		
277	26.1	19.5	29.3
138	24.7	16.6	24.8

