

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138379.D
 Acq On : 27 Jun 2024 21:38
 Operator : CG\JU
 Sample : P3077-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-S-1

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 01:14:46 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	217450	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	763576	20.000	ng	#-0.01
39) Acenaphthene-d10	9.910	164	327949	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	502779	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	445492	20.000	ng	-0.02
86) Perylene-d12	15.504	264	342388	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	891160	68.556	ng	0.00
7) Phenol-d6	6.516	99	1056027	64.067	ng	0.00
23) Nitrobenzene-d5	7.439	82	631836	48.172	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	213980	65.541	ng	-0.02
45) 2-Fluorobiphenyl	9.233	172	981679	47.599	ng	-0.02
79) Terphenyl-d14	12.980	244	1038035	36.905	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	70076	2.818	ng	96
75) Fluoranthene	12.610	202	147112	5.802	ng	97
78) Pyrene	12.839	202	143687	3.739	ng	96
81) Benzo(a)anthracene	14.021	228	71831	2.513	ng	98
83) Chrysene	14.057	228	61850	2.270	ng	97
88) Benzo(b)fluoranthene	15.074	252	64504m	3.195	ng	
90) Benzo(a)pyrene	15.439	252	42881	2.472	ng	# 93

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

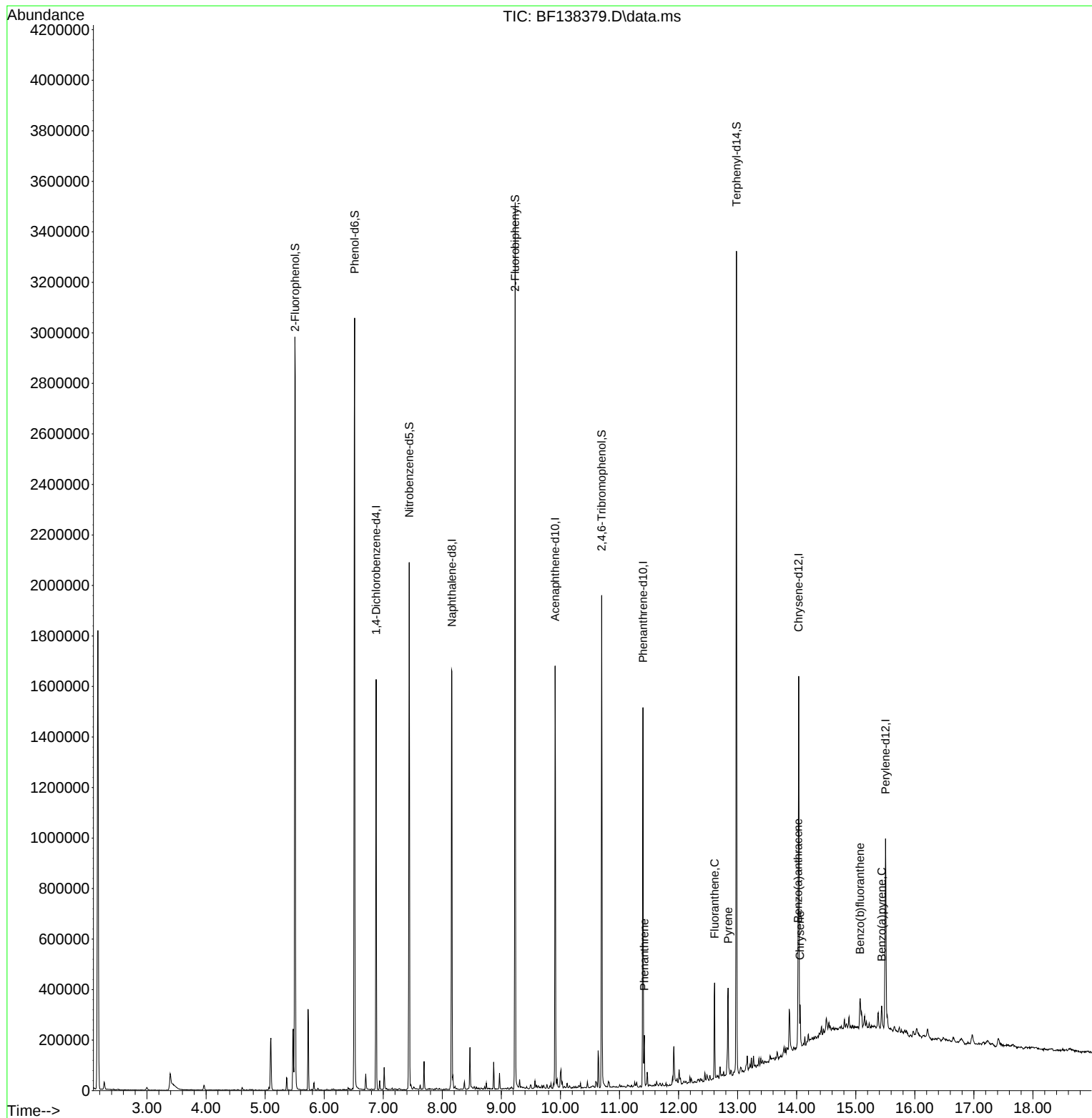
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138379.D
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QLast Update : Thu Jun 13 01:52:47 2024
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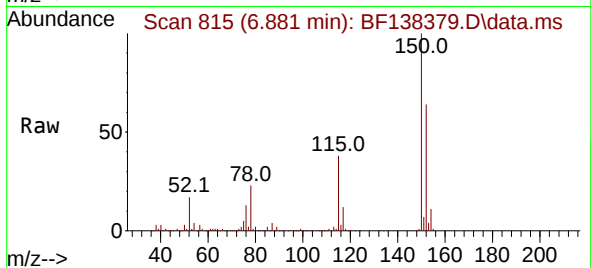
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

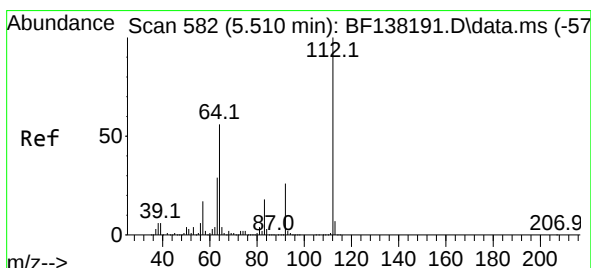
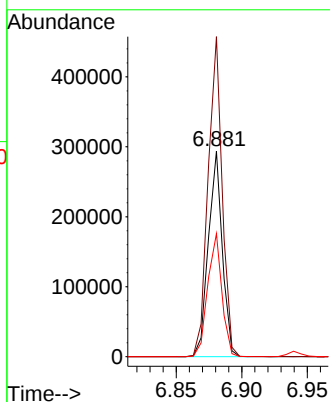
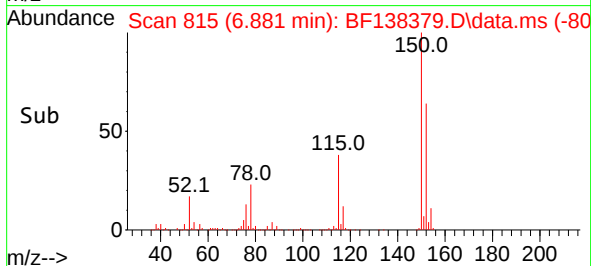
Instrument :
BNA_F
ClientSampleId :
1-S-1



Tgt Ion:152 Resp: 217450
Ion Ratio Lower Upper
152 100
150 155.6 125.0 187.4
115 59.9 48.4 72.6

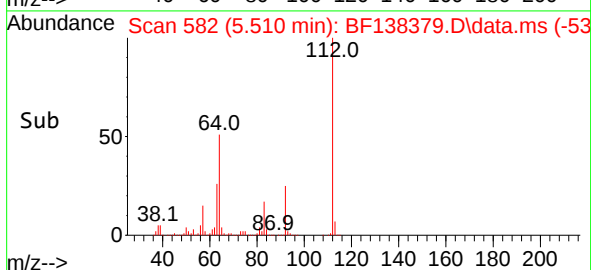
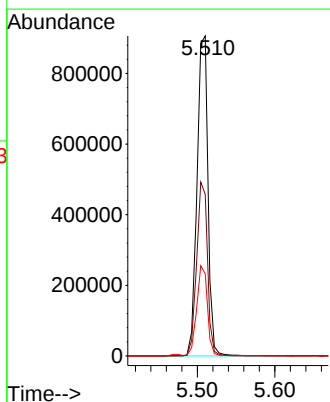
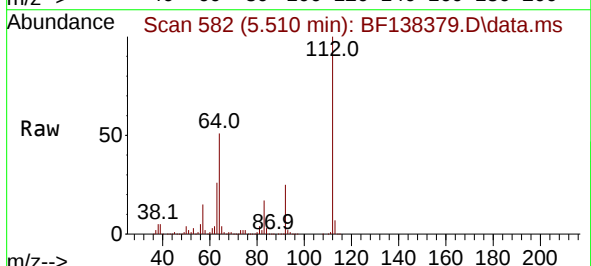
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#5
2-Fluorophenol
Concen: 68.556 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

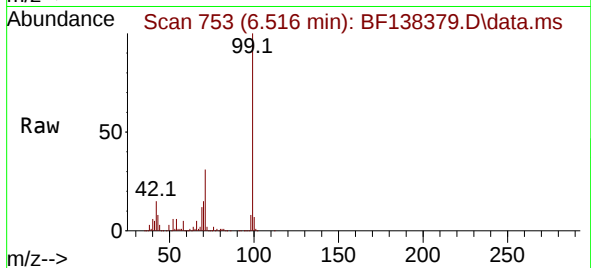
Tgt Ion:112 Resp: 891160
Ion Ratio Lower Upper
112 100
64 50.5 45.2 67.8
63 25.7 22.9 34.3





#7
Phenol-d6
Concen: 64.067 ng
RT: 6.516 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

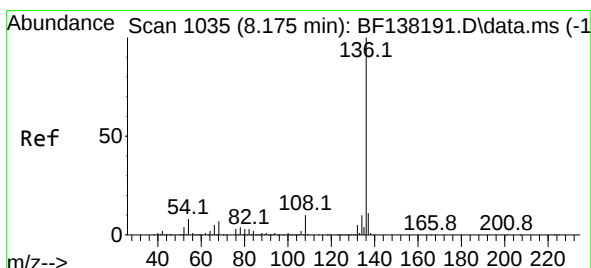
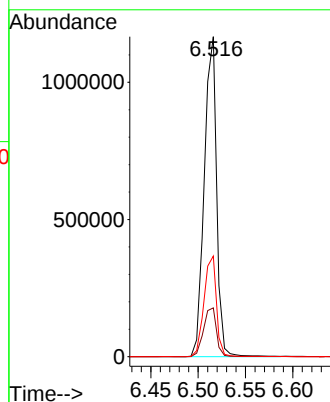
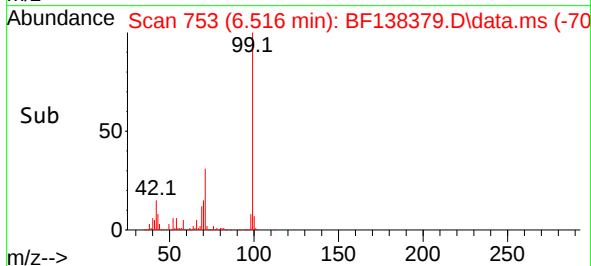
Instrument :
BNA_F
ClientSampleId :
1-S-1



Tgt Ion: 99 Resp: 105602
Ion Ratio Lower Upper
99 100
42 15.2 13.7 20.5
71 31.5 25.0 37.6

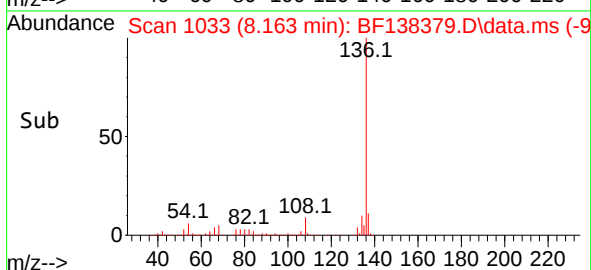
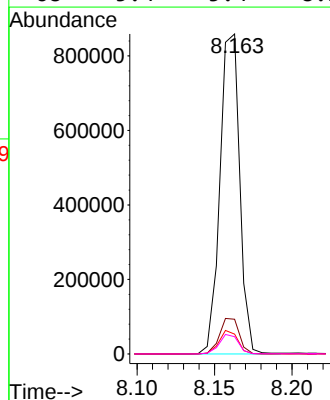
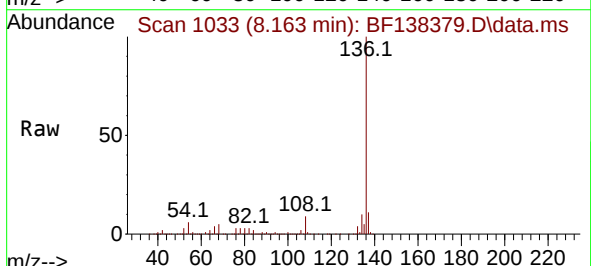
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

Tgt Ion:136 Resp: 763576
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.2 6.6 10.0#
68 5.4 5.4 8.2#





#23

Nitrobenzene-d5

Concen: 48.172 ng

RT: 7.439 min Scan# 913

Delta R.T. -0.018 min

Lab File: BF138379.D

Acq: 27 Jun 2024 21:38

Instrument :

BNA_F

ClientSampleId :

1-S-1

Tgt Ion: 82 Resp: 631830

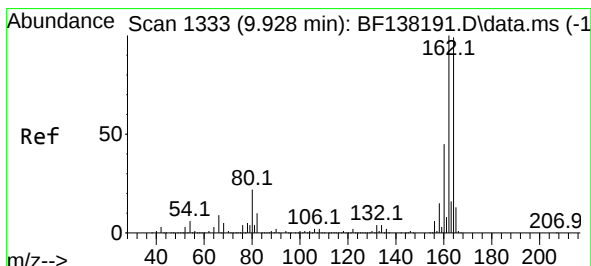
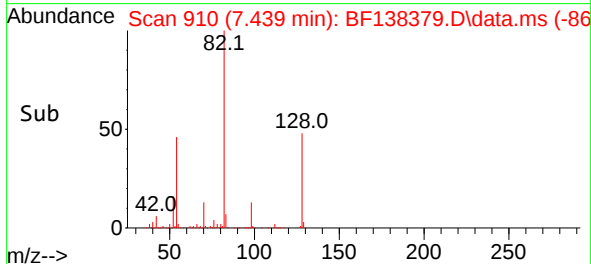
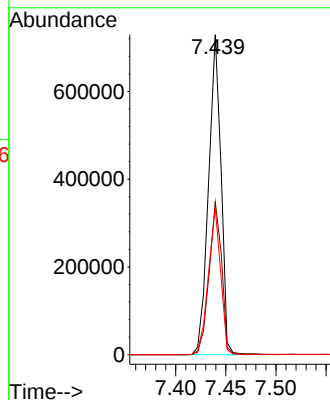
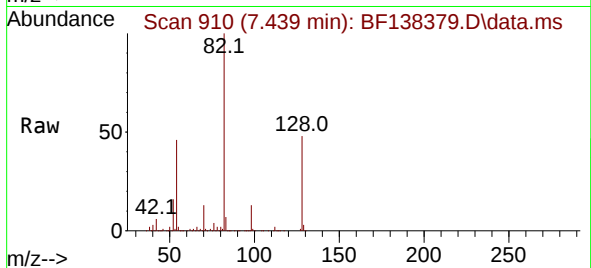
Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.2	55.8
54	46.1	39.8	59.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

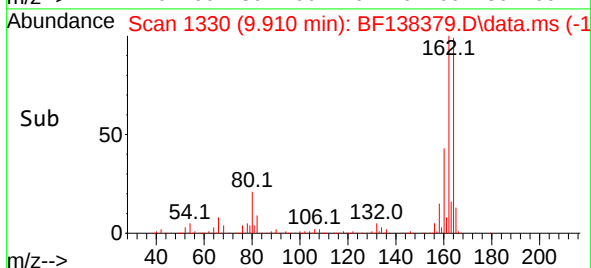
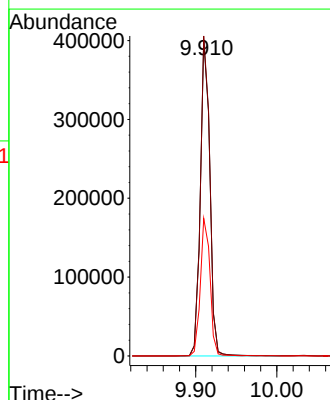
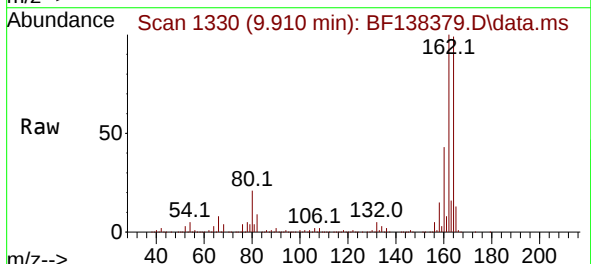
Delta R.T. -0.018 min

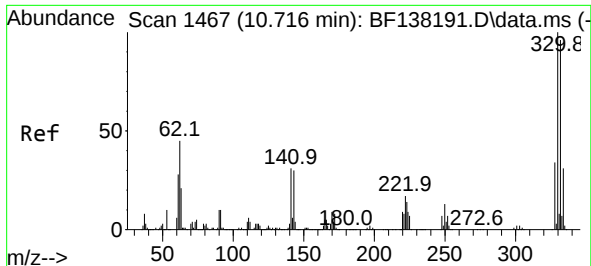
Lab File: BF138379.D

Acq: 27 Jun 2024 21:38

Tgt Ion:164 Resp: 327949

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	121.0
160	43.5	36.3	54.5





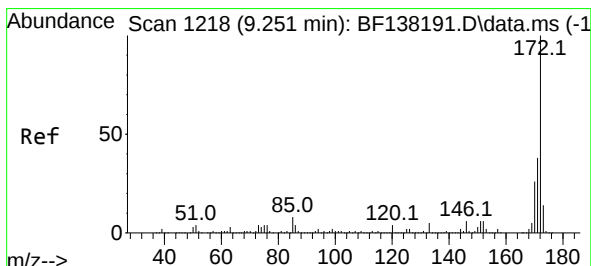
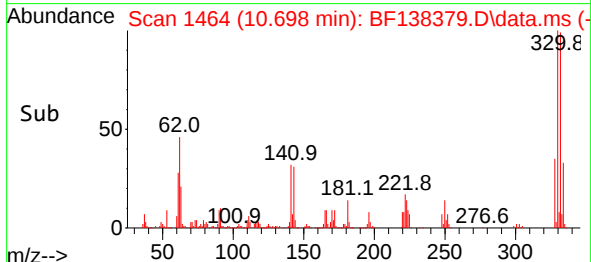
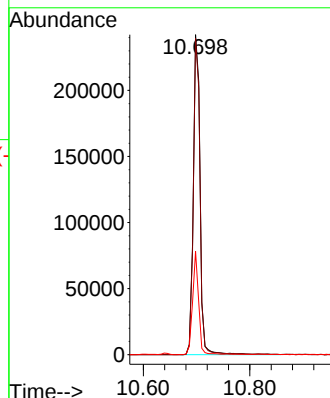
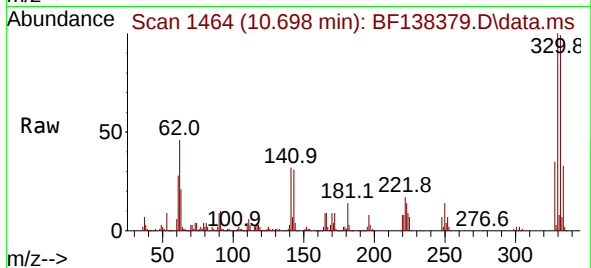
#42
2,4,6-Tribromophenol
Concen: 65.541 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.018 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

Instrument : BNA_F
Client Sample Id : 1-S-1

Tgt Ion: 330 Resp: 213980
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 29.1 23.9 35.9

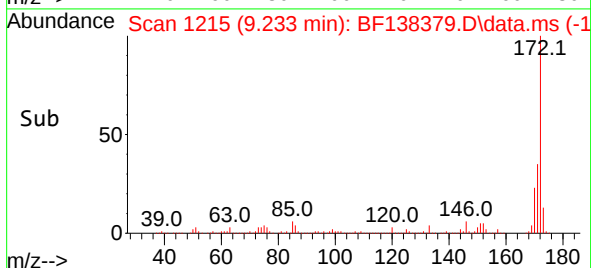
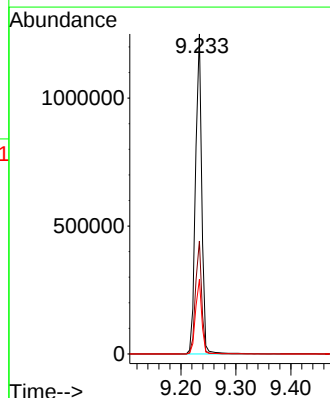
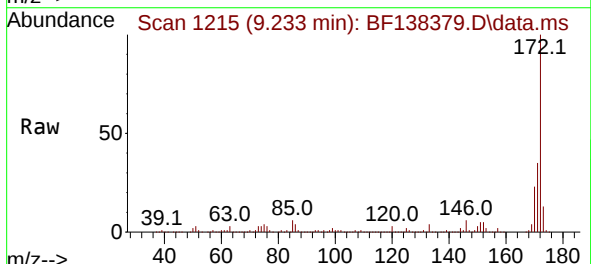
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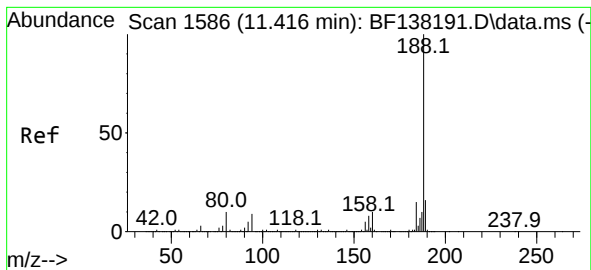
Reviewed By : Yogesh Patel 06/28/2024
Supervised By : Jagrut Upadhyay 06/28/2024



#45
2-Fluorobiphenyl
Concen: 47.599 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

Tgt Ion: 172 Resp: 981679
Ion Ratio Lower Upper
172 100
171 35.3 30.3 45.5
170 23.3 20.6 30.8





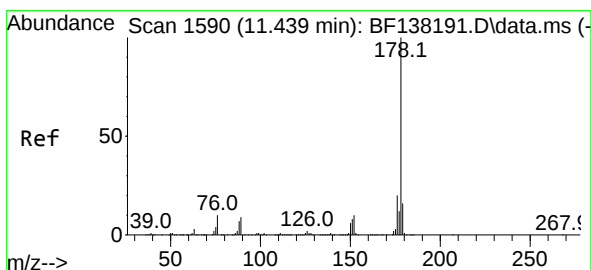
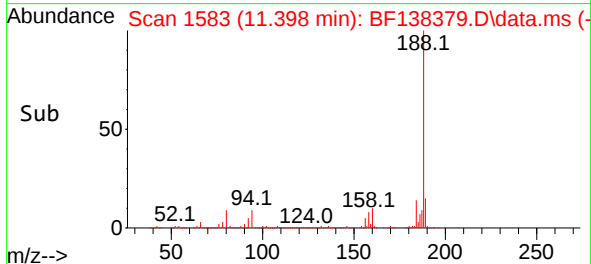
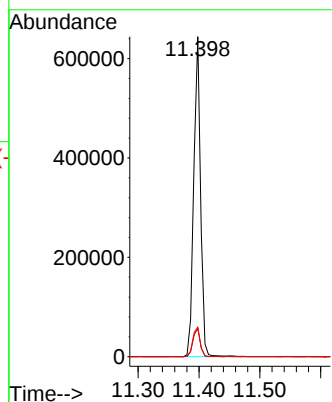
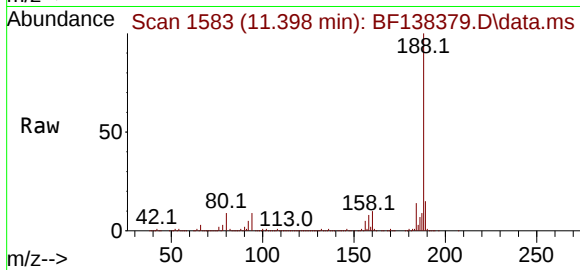
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1586
Delta R.T. -0.018 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

Instrument :
BNA_F
ClientSampleId :
1-S-1

Tgt Ion:188 Resp: 502779
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.2 8.1 12.1

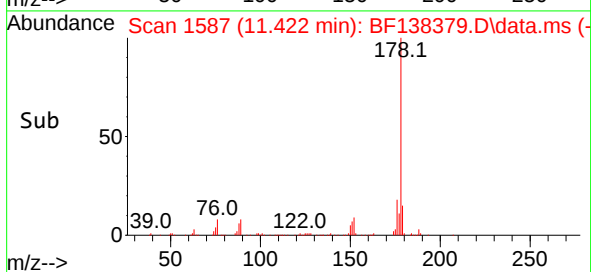
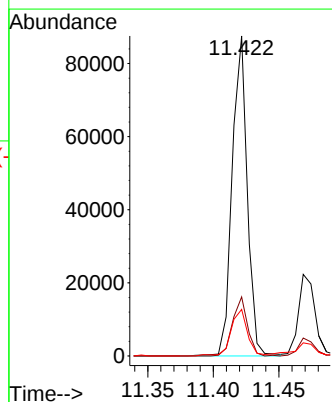
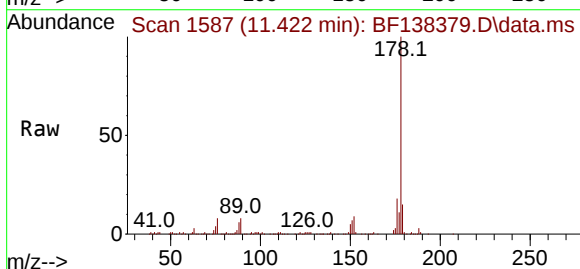
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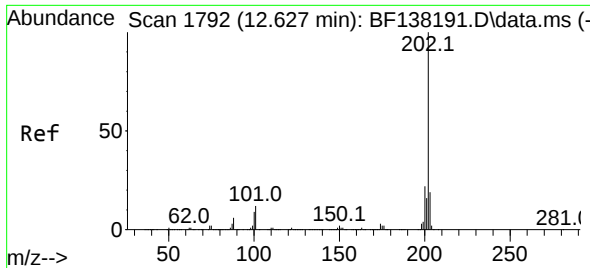
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#71
Phenanthrene
Concen: 2.818 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.018 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

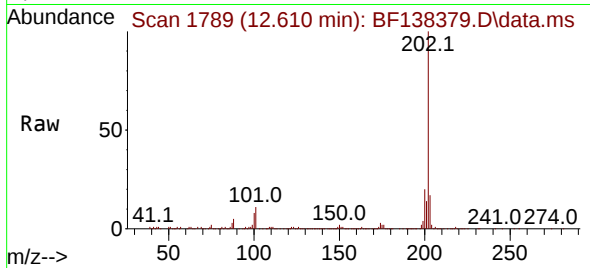
Tgt Ion:178 Resp: 70076
Ion Ratio Lower Upper
178 100
176 18.5 16.4 24.6
179 14.5 13.1 19.7





#75
Fluoranthene
Concen: 5.802 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

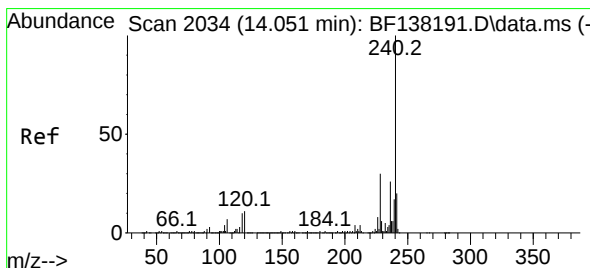
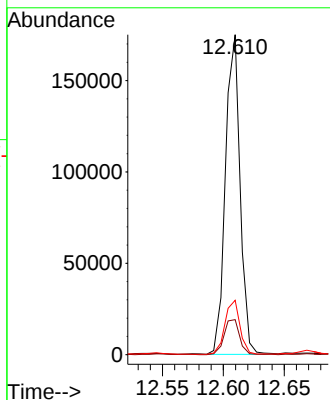
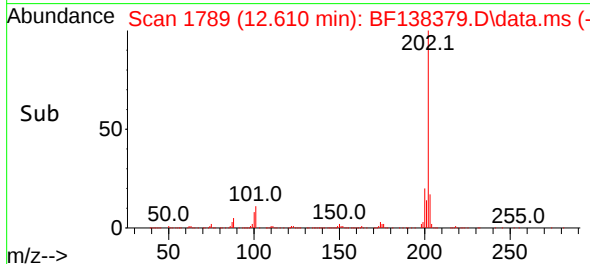
Instrument :
BNA_F
ClientSampleId :
1-S-1



Tgt Ion:202 Resp: 147112
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.8
203 17.0 0.0 38.6

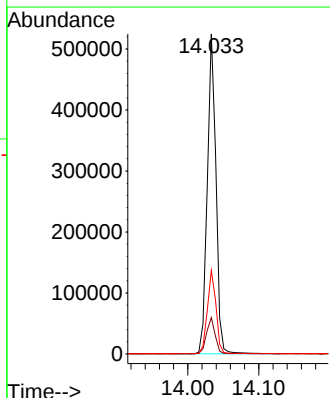
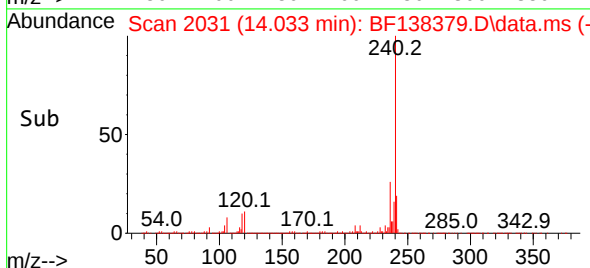
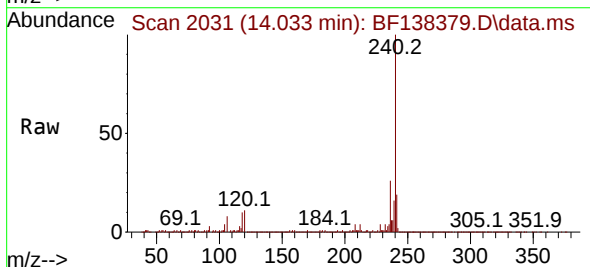
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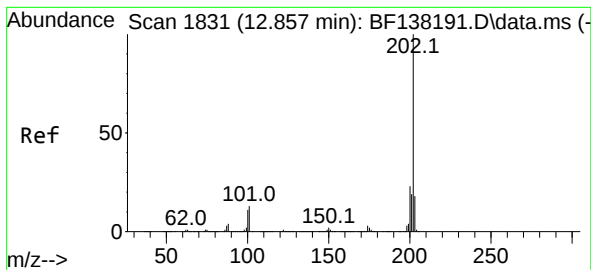
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

Tgt Ion:240 Resp: 445492
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.1 21.0 31.6





#78

Pyrene

Concen: 3.739 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.018 min

Lab File: BF138379.D

Acq: 27 Jun 2024 21:38

Instrument :

BNA_F

ClientSampleId :

1-S-1

Tgt Ion:202 Resp: 14368

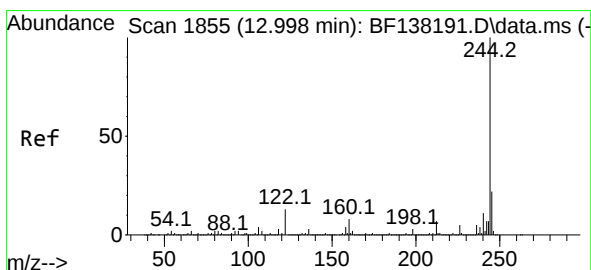
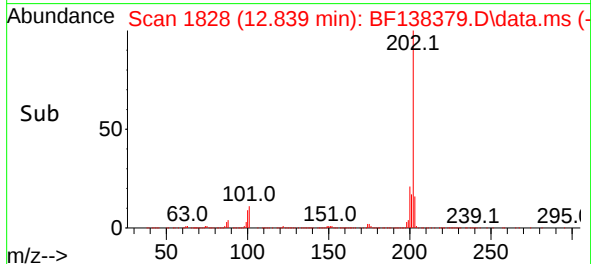
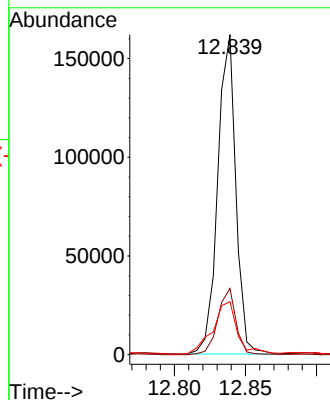
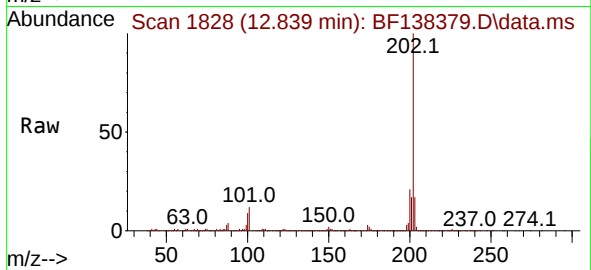
Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.0	27.0
203	16.6	14.7	22.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#79

Terphenyl-d14

Concen: 36.905 ng

RT: 12.980 min Scan# 1852

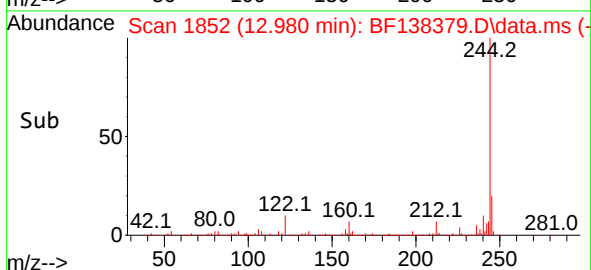
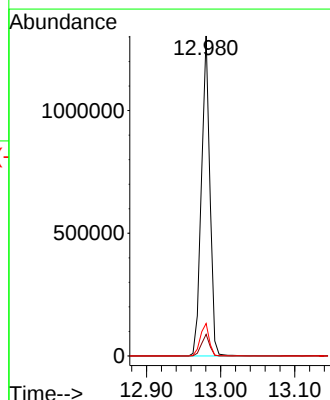
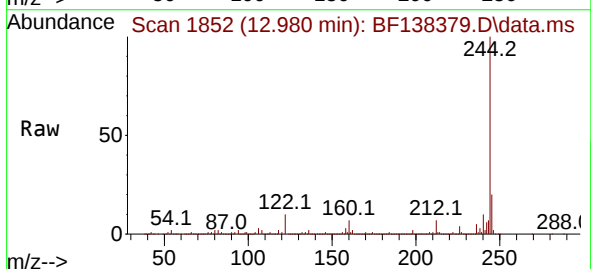
Delta R.T. -0.018 min

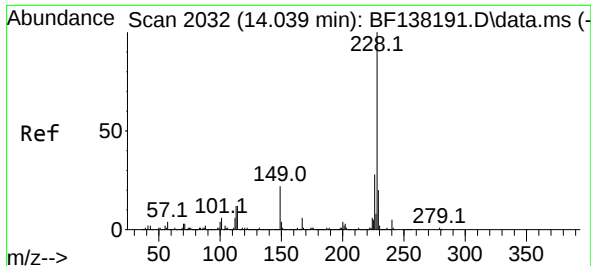
Lab File: BF138379.D

Acq: 27 Jun 2024 21:38

Tgt Ion:244 Resp: 1038035

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.2	10.6	15.8





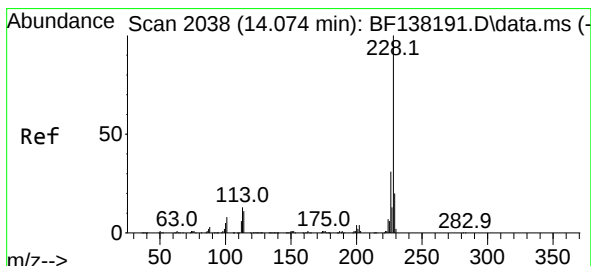
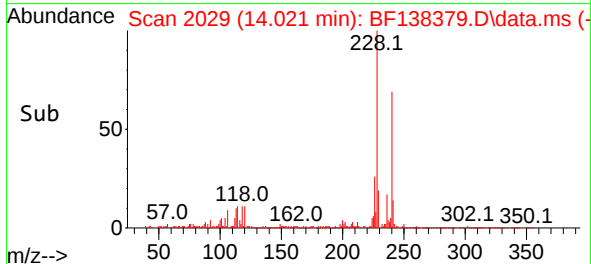
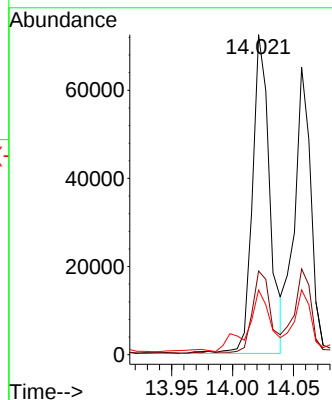
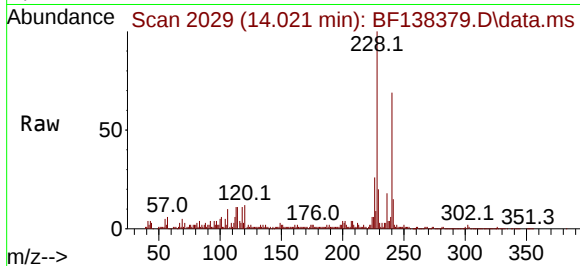
#81
Benzo(a)anthracene
Concen: 2.513 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

Instrument :
BNA_F
ClientSampleId :
1-S-1

Tgt Ion:228 Resp: 7183
Ion Ratio Lower Upper
228 100
226 26.2 22.5 33.7
229 20.2 16.3 24.5

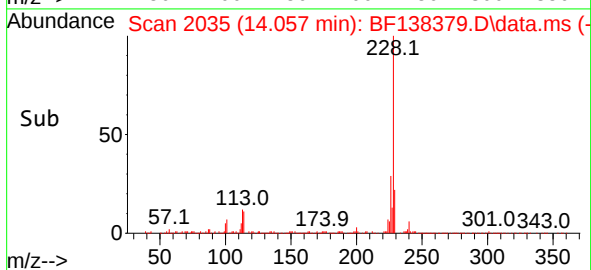
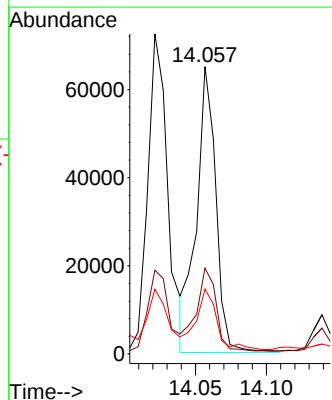
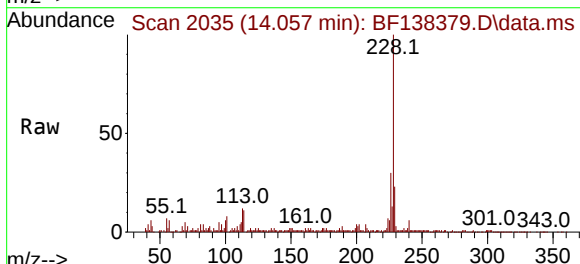
Manual Integrations
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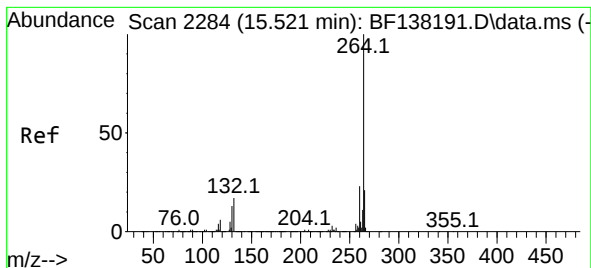
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024



#83
Chrysene
Concen: 2.270 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

Tgt Ion:228 Resp: 61850
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 22.5 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: BF138379.D

Acq: 27 Jun 2024 21:38

Instrument :

BNA_F

ClientSampleId :

1-S-1

Tgt Ion:264 Resp: 34238

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

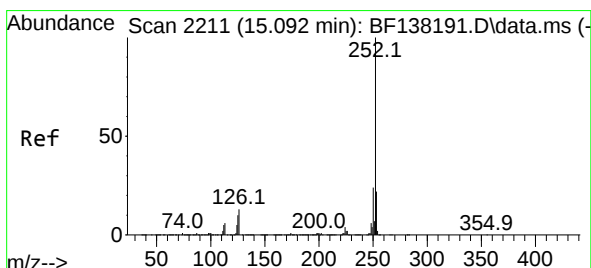
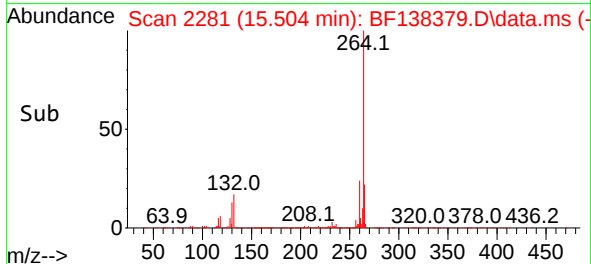
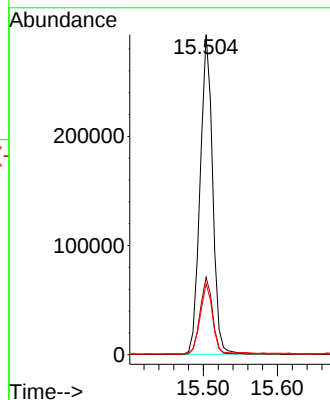
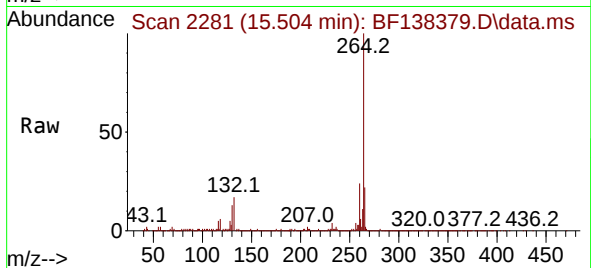
265 22.2 17.0 25.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/28/2024

Supervised By :Jagrut Upadhyay 06/28/2024



#88

Benzo(b)fluoranthene

Concen: 3.195 ng m

RT: 15.074 min Scan# 2208

Delta R.T. -0.018 min

Lab File: BF138379.D

Acq: 27 Jun 2024 21:38

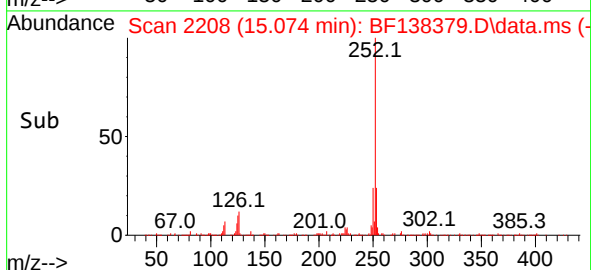
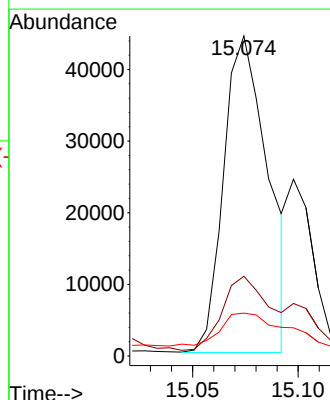
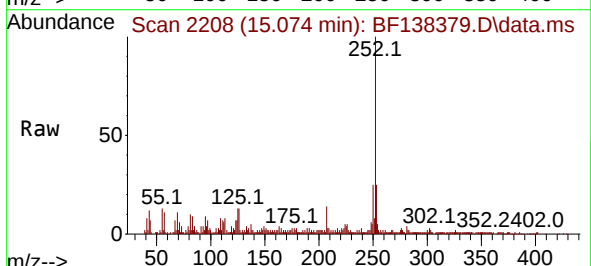
Tgt Ion:252 Resp: 64504

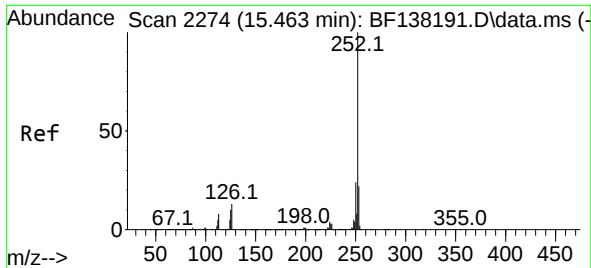
Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

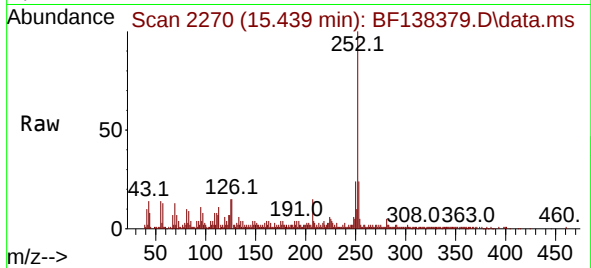
125 13.4 7.8 11.8#





#90
Benzo(a)pyrene
Concen: 2.472 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF138379.D
Acq: 27 Jun 2024 21:38

Instrument :
BNA_F
ClientSampleId :
1-S-1



Tgt Ion:252 Resp: 4288
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 14.5 8.2 12.2

Manual Integrations
APPROVED

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

