

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138534.D
 Acq On : 11 Jul 2024 20:52
 Operator : CG\JU
 Sample : P3208-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 352

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 01:14:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93132	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	367441	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	180376	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	257051	20.000	ng	0.00
76) Chrysene-d12	14.021	240	179480	20.000	ng	0.00
86) Perylene-d12	15.486	264	190890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	533246	90.681	ng	0.00
7) Phenol-d6	6.498	99	690845	88.312	ng	0.00
23) Nitrobenzene-d5	7.428	82	465634	62.218	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	129155	76.614	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	778021	67.413	ng	0.00
79) Terphenyl-d14	12.968	244	601239	54.574	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	48280	3.718	ng	97
75) Fluoranthene	12.592	202	121765	9.189	ng	99
78) Pyrene	12.821	202	122685	6.734	ng	98
81) Benzo(a)anthracene	14.010	228	62102	5.157	ng	93
83) Chrysene	14.045	228	83630	7.341	ng	97
88) Benzo(b)fluoranthene	15.057	252	97711m	9.089	ng	
89) Benzo(k)fluoranthene	15.080	252	30631m	2.921	ng	
90) Benzo(a)pyrene	15.421	252	48743	5.161	ng	# 89
92) Benzo(g,h,i)perylene	17.386	276	23973	2.155	ng	# 89

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

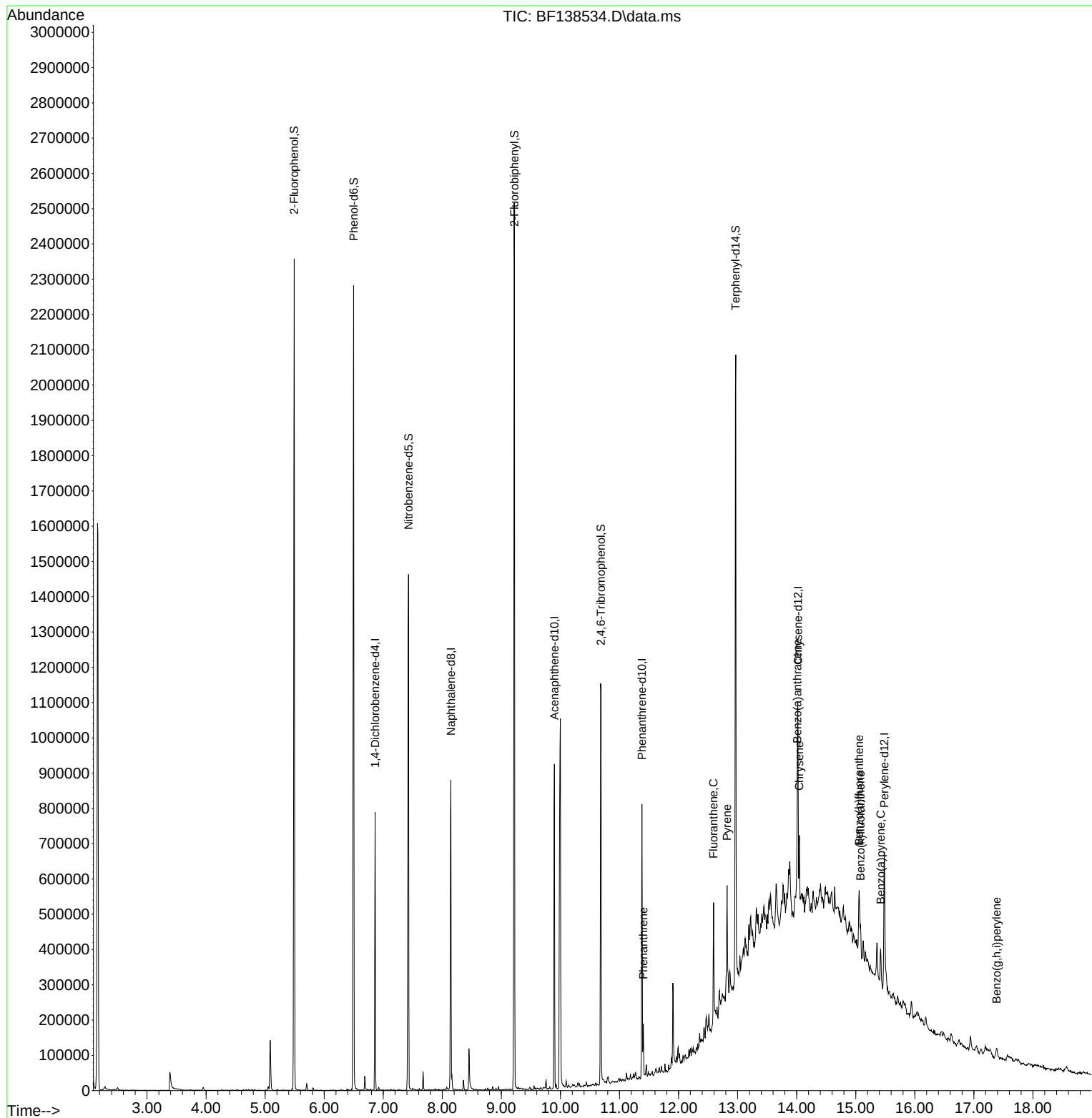
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138534.D
Acq On : 11 Jul 2024 20:52
Operator : CG\JU
Sample : P3208-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

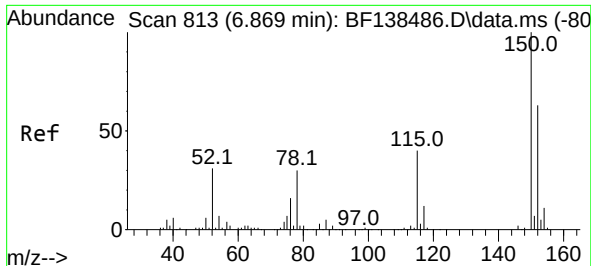
Instrument :
BNA_F
ClientSampleId :
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Supervised By :mohammad ahmed 07/13/2024

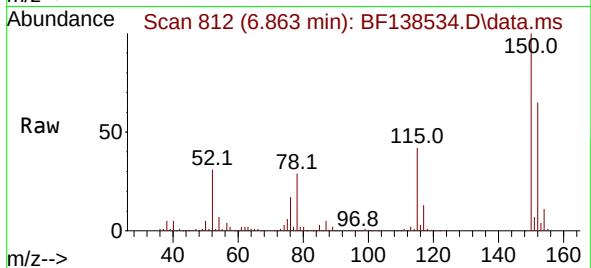
Quant Time: Jul 12 01:14:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

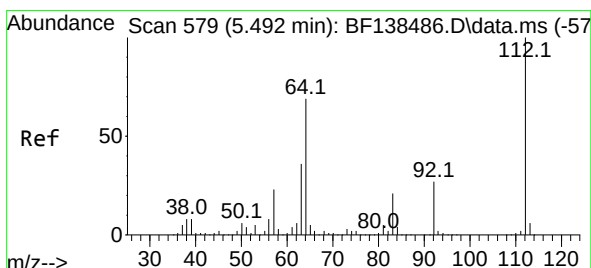
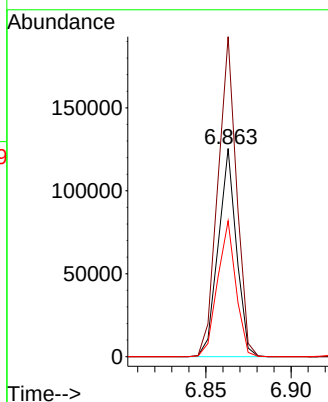
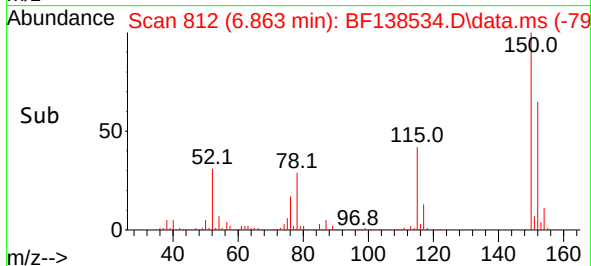
Instrument :
BNA_F
ClientSampleId :
352



Tgt Ion:152 Resp: 93132
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.4
115 65.2 50.3 75.5

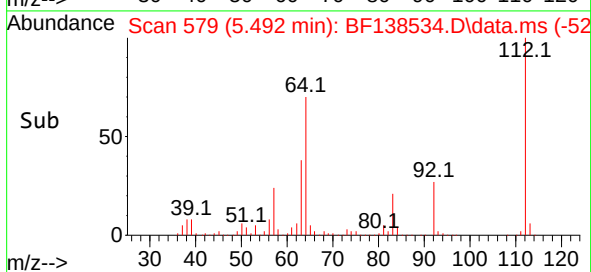
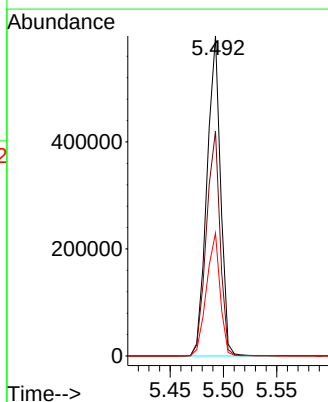
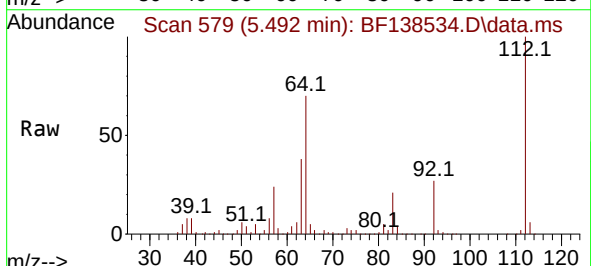
Manual Integrations
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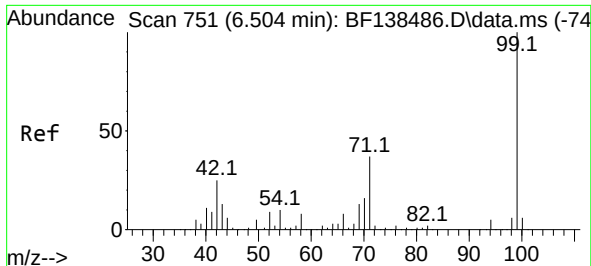
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#5
2-Fluorophenol
Concen: 90.681 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

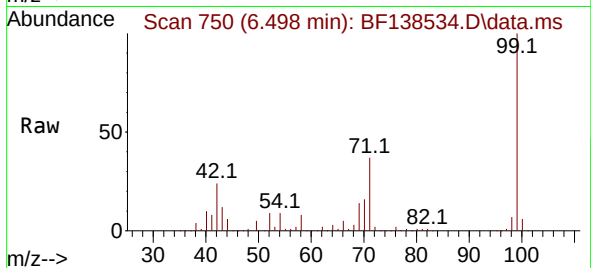
Tgt Ion:112 Resp: 533246
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 38.4 29.0 43.6





#7
Phenol-d6
Concen: 88.312 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

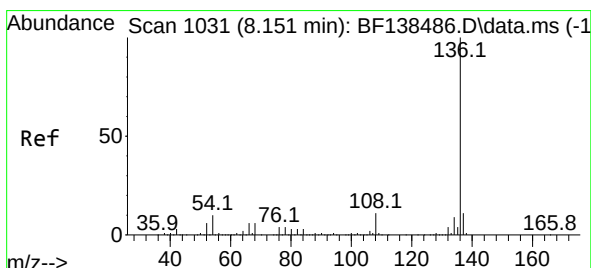
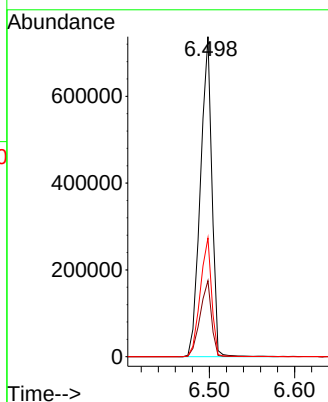
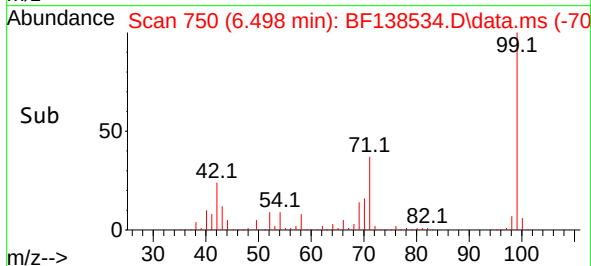
Instrument :
BNA_F
ClientSampleId :
352



Tgt Ion: 99 Resp: 690849
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 37.1 29.9 44.9

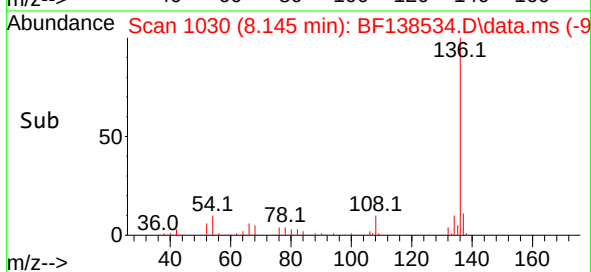
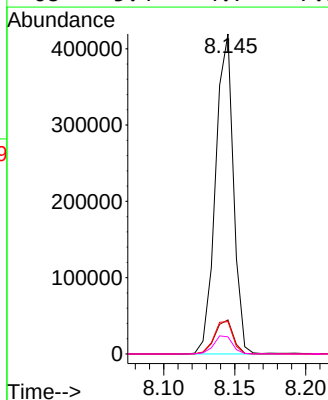
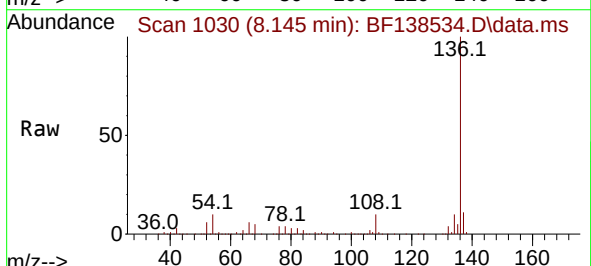
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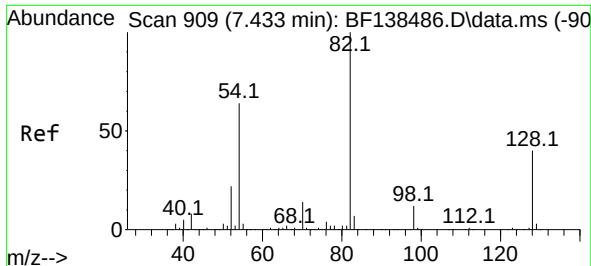
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

Tgt Ion:136 Resp: 367441
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.1 8.1 12.1
68 5.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 62.218 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138534.D

Acq: 11 Jul 2024 20:52

Instrument :

BNA_F

ClientSampleId :

352

Tgt Ion: 82 Resp: 465634

Ion Ratio Lower Upper

82 100

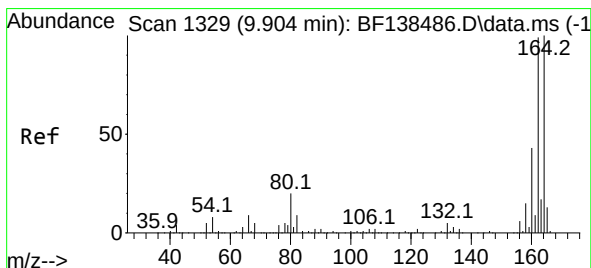
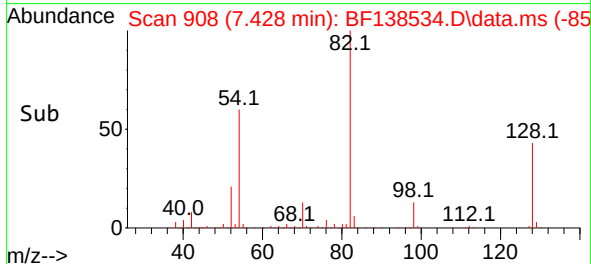
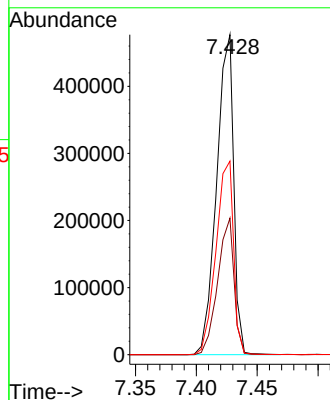
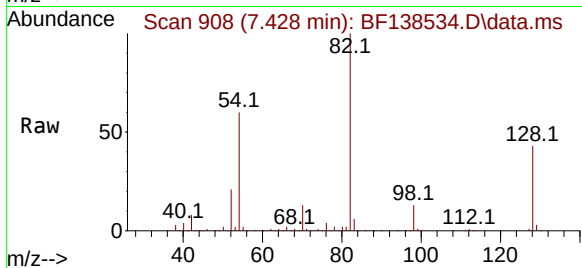
128 42.7 32.3 48.5

54 60.5 51.4 77.0

Manual Integrations

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Supervised By :mohammad ahmed 07/13/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF138534.D

Acq: 11 Jul 2024 20:52

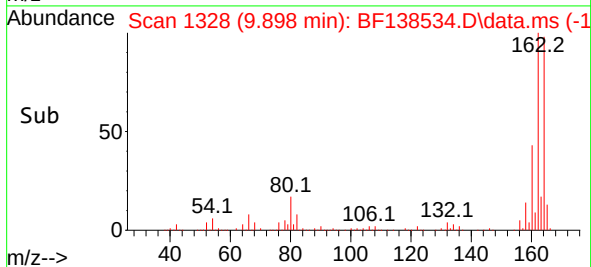
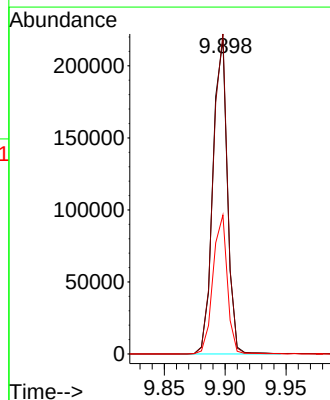
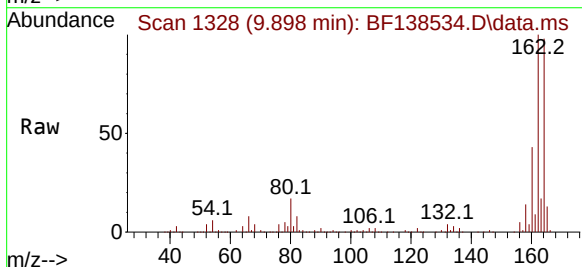
Tgt Ion:164 Resp: 180376

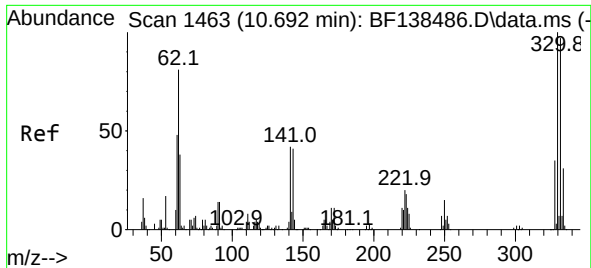
Ion Ratio Lower Upper

164 100

162 101.8 79.0 118.6

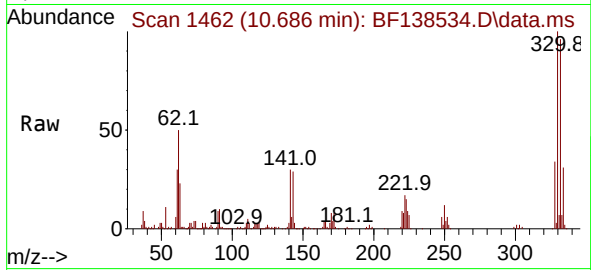
160 44.2 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 76.614 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

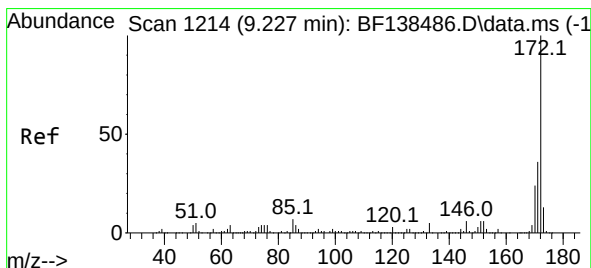
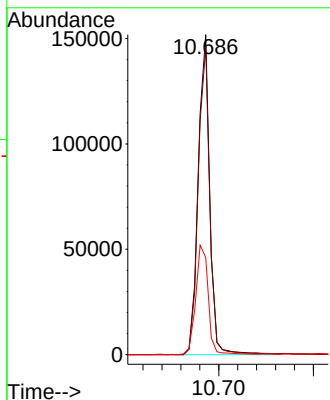
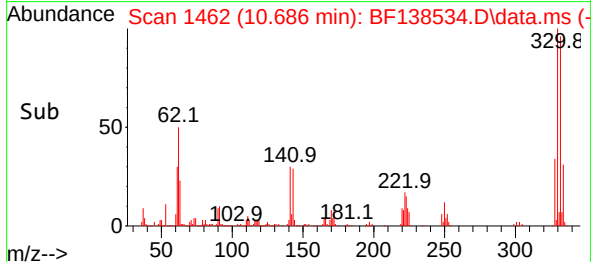
Instrument :
BNA_F
ClientSampleId :
352



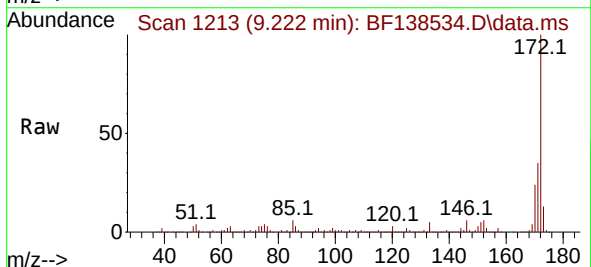
Tgt Ion: 330 Resp: 12915
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 37.1 29.4 44.2

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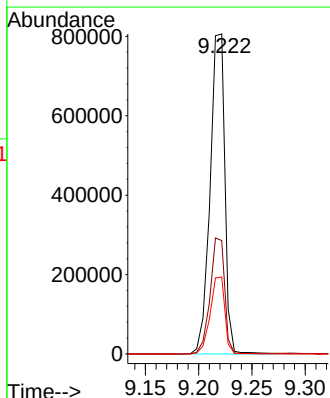
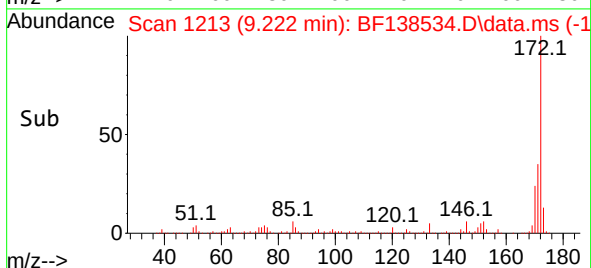
Reviewed By : Jagrut Upadhyay 07/12/2024
Supervised By : mohammad ahmed 07/13/2024

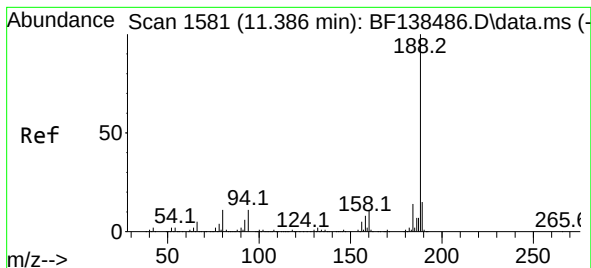


#45
2-Fluorobiphenyl
Concen: 67.413 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52



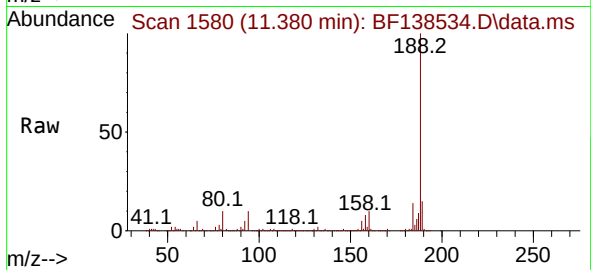
Tgt Ion: 172 Resp: 778021
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 24.0 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

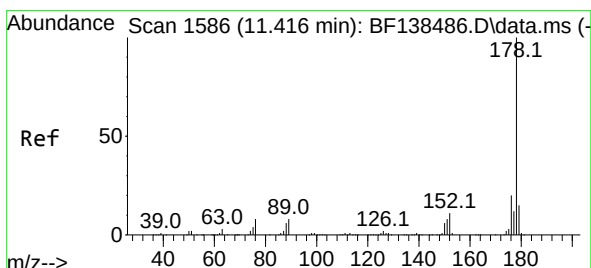
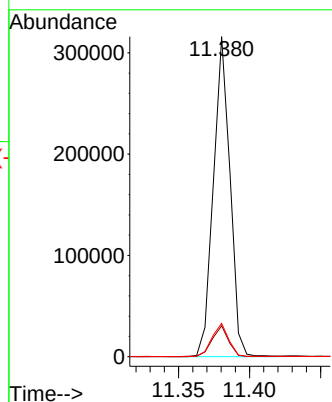
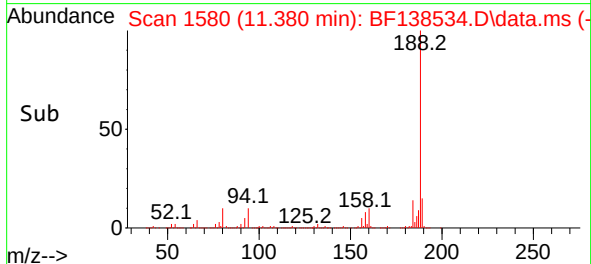
Instrument :
BNA_F
ClientSampleId :
352



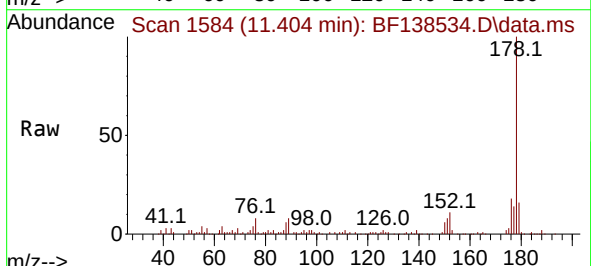
Tgt Ion:188 Resp: 25705
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 10.4 9.0 13.4

Manual Integrations
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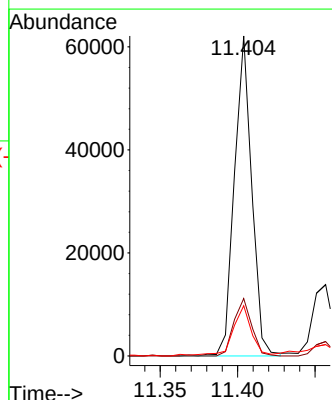
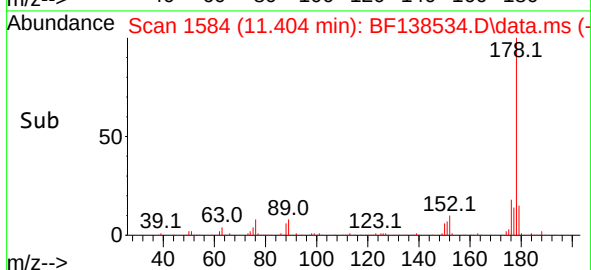
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

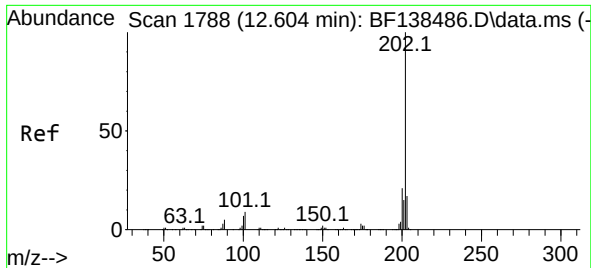


#71
Phenanthrene
Concen: 3.718 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52



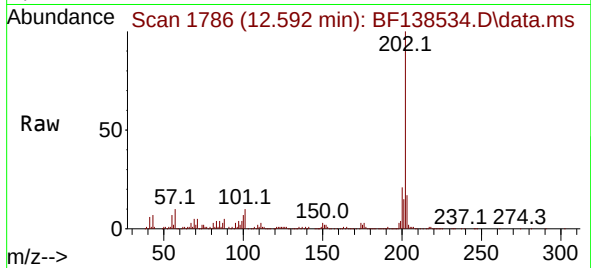
Tgt Ion:178 Resp: 48280
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 15.7 12.2 18.2





#75
Fluoranthene
Concen: 9.189 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

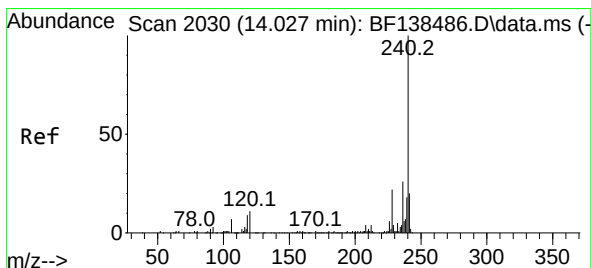
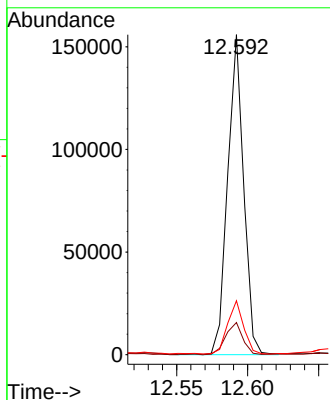
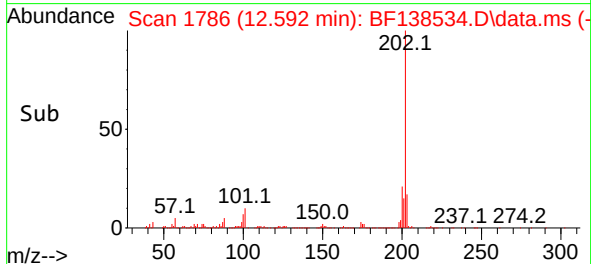
Instrument :
BNA_F
ClientSampleId :
352



Tgt Ion:202 Resp: 12176
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.2
203 16.9 0.0 37.3

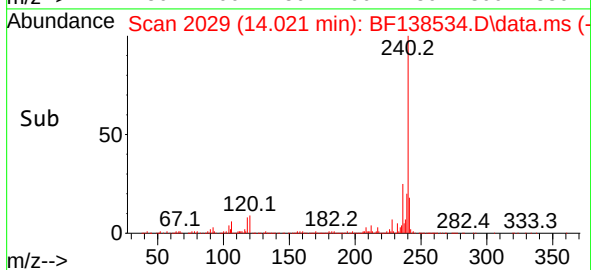
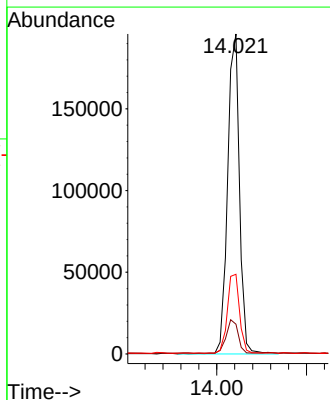
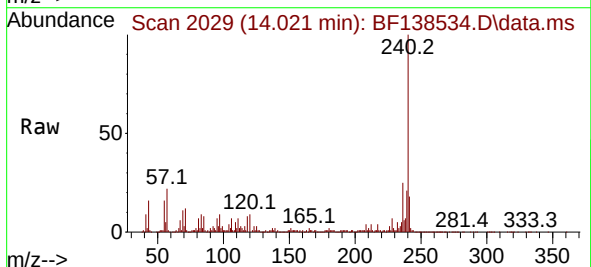
Manual Integrations
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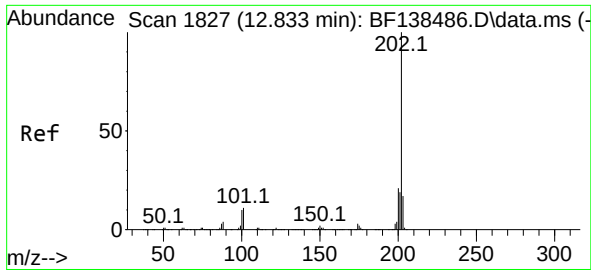
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

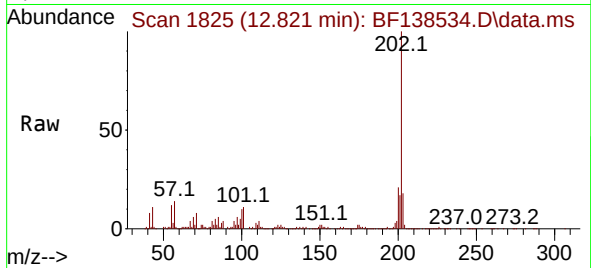
Tgt Ion:240 Resp: 179480
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 24.9 21.0 31.6





#78
Pyrene
Concen: 6.734 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

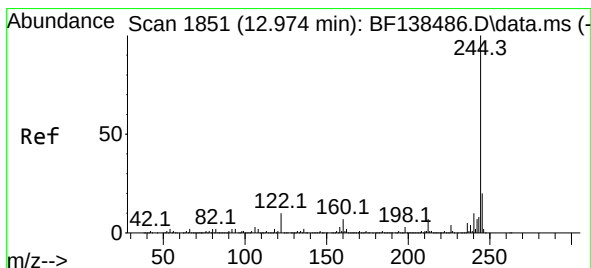
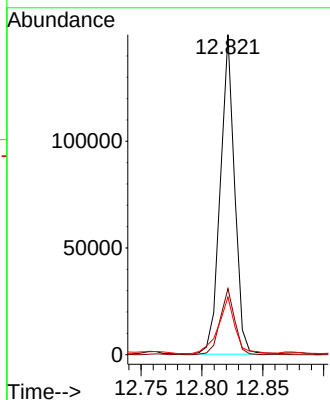
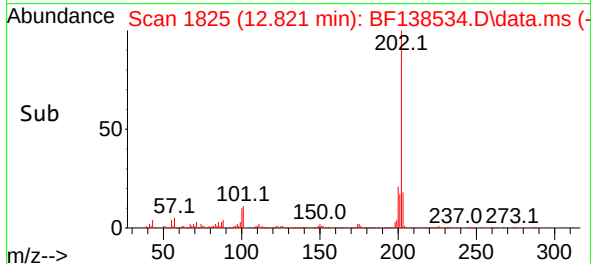
Instrument :
BNA_F
ClientSampleId :
352



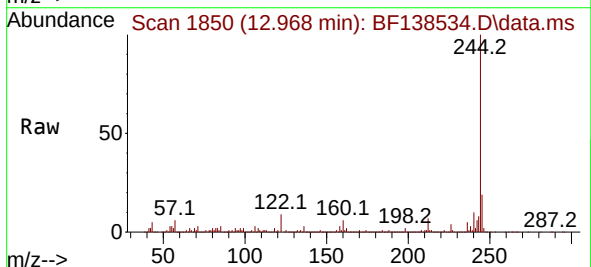
Tgt Ion:202 Resp: 12268
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 18.0 13.7 20.5

Manual Integrations
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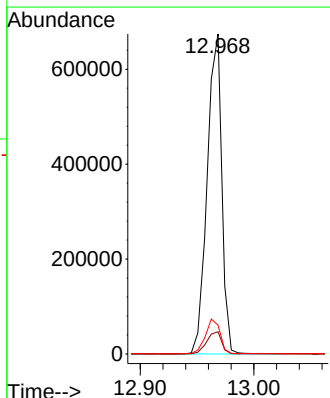
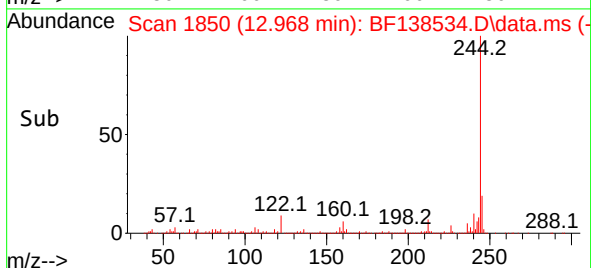
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

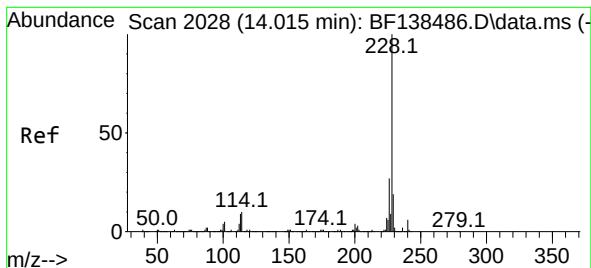


#79
Terphenyl-d14
Concen: 54.574 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52



Tgt Ion:244 Resp: 601239
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.0 7.8 11.8





#81

Benzo(a)anthracene

Concen: 5.157 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138534.D

Acq: 11 Jul 2024 20:52

Instrument :

BNA_F

ClientSampleId :

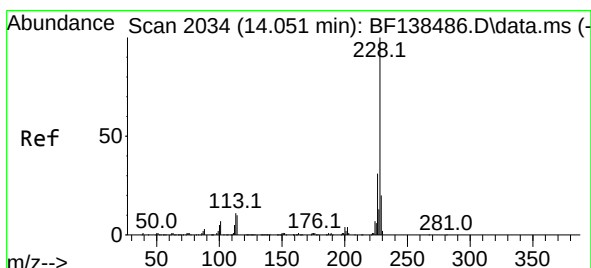
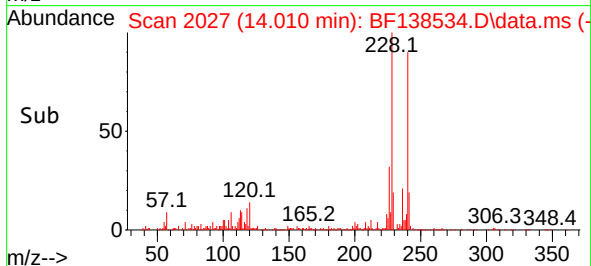
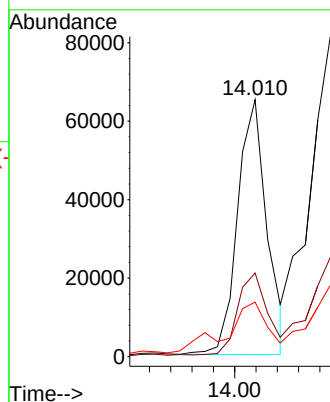
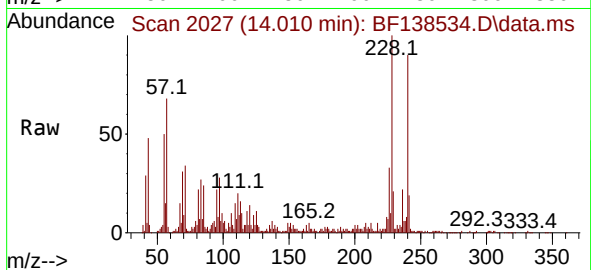
352

Tgt Ion:	228	Resp:	6210
Ion Ratio	Lower	Upper	
228	100		
226	32.5	21.9	32.9
229	21.2	15.5	23.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#83

Chrysene

Concen: 7.341 ng

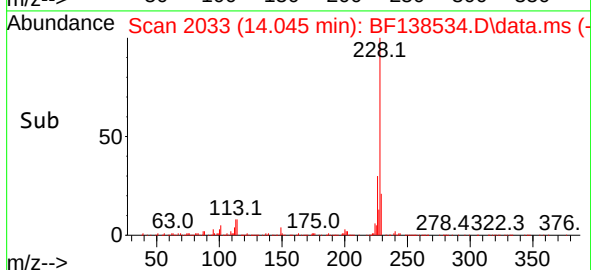
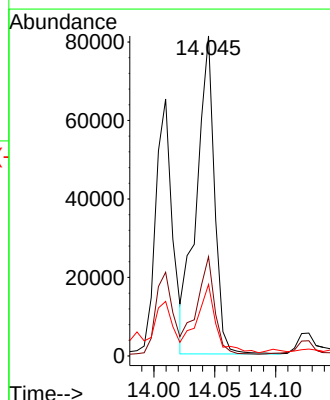
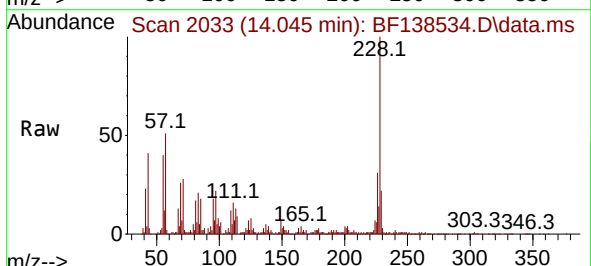
RT: 14.045 min Scan# 2033

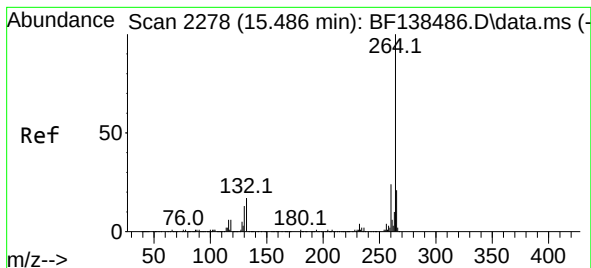
Delta R.T. -0.006 min

Lab File: BF138534.D

Acq: 11 Jul 2024 20:52

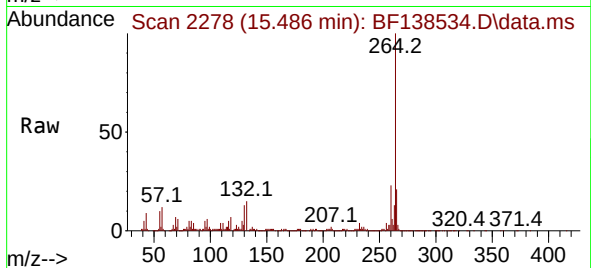
Tgt Ion:	228	Resp:	83630
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.4	36.6
229	22.4	16.0	24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

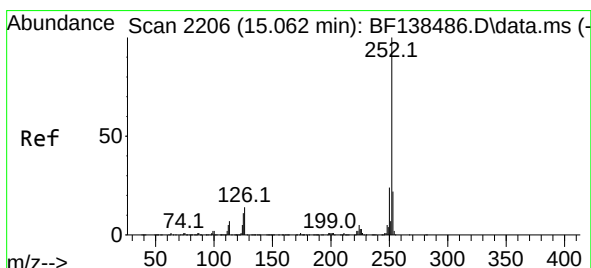
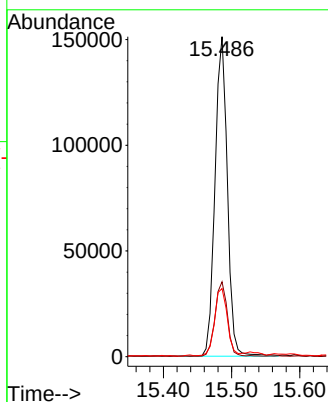
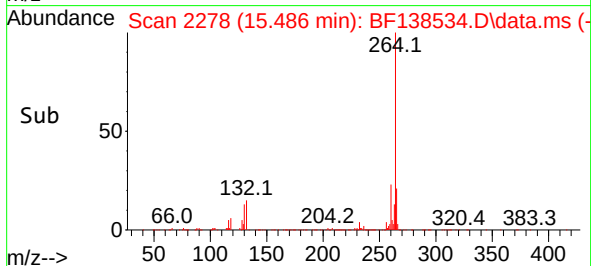
Instrument :
BNA_F
ClientSampleId :
352



Tgt Ion:264 Resp: 190890
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.3 17.0 25.4

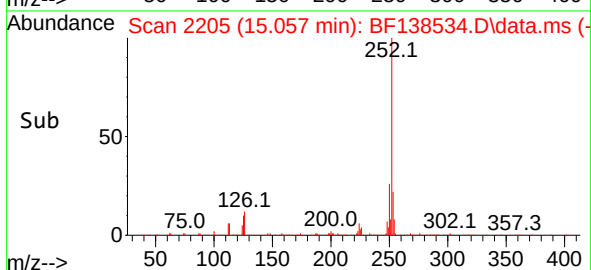
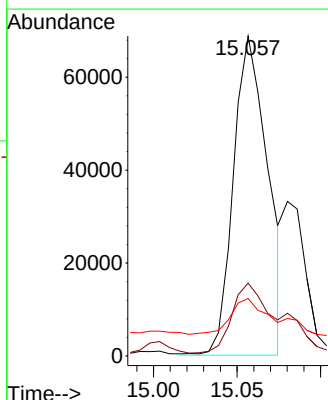
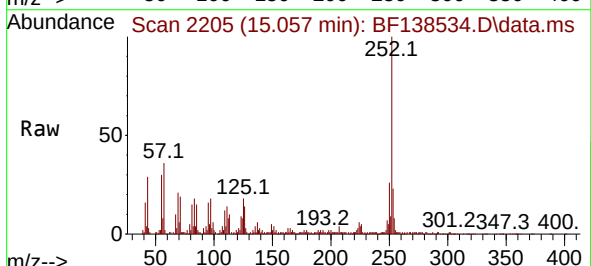
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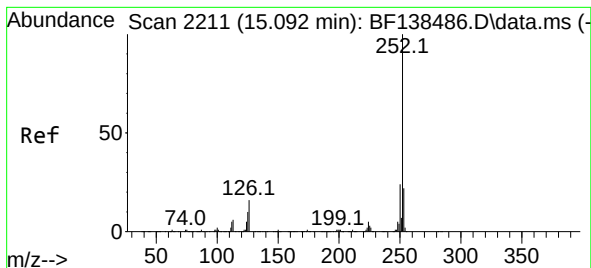
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#88
Benzo(b)fluoranthene
Concen: 9.089 ng m
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF138534.D
Acq: 11 Jul 2024 20:52

Tgt Ion:252 Resp: 97711
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 17.9 8.6 13.0#





#89

Benzo(k)fluoranthene

Concen: 2.921 ng m

RT: 15.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138534.D

Acq: 11 Jul 2024 20:52

Instrument :

BNA_F

ClientSampleId :

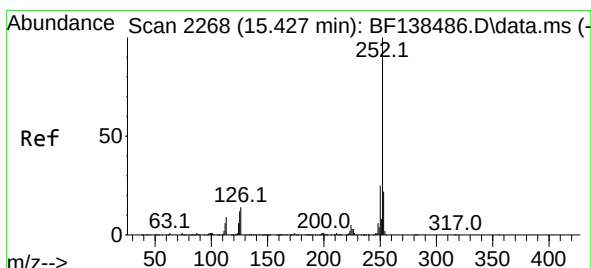
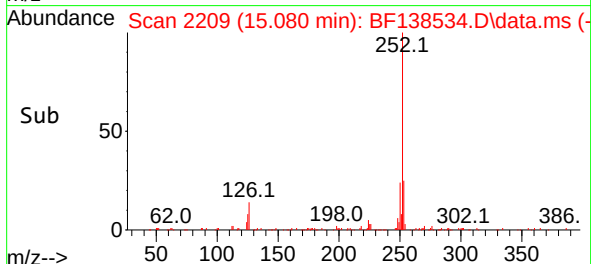
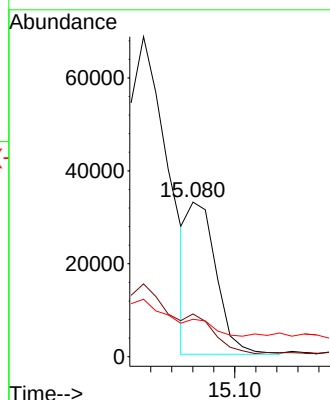
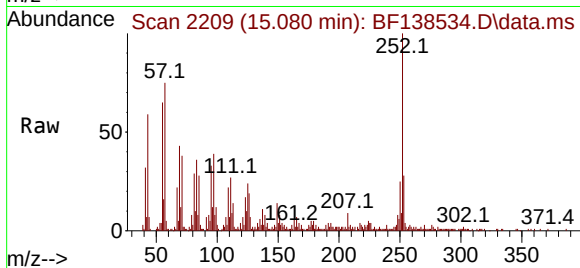
352

Tgt Ion:	252	Resp:	3063
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.7	26.5
125	24.3	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#90

Benzo(a)pyrene

Concen: 5.161 ng

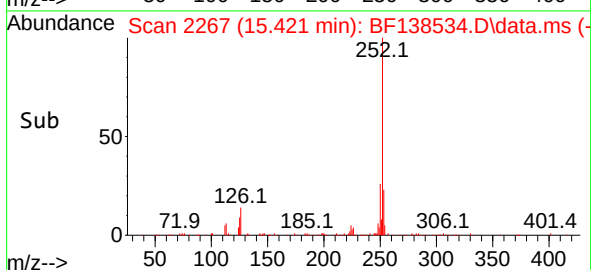
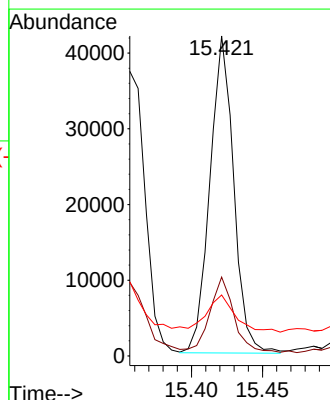
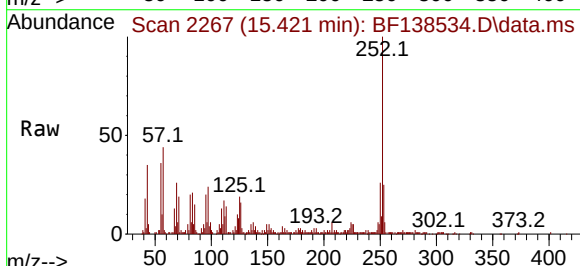
RT: 15.421 min Scan# 2267

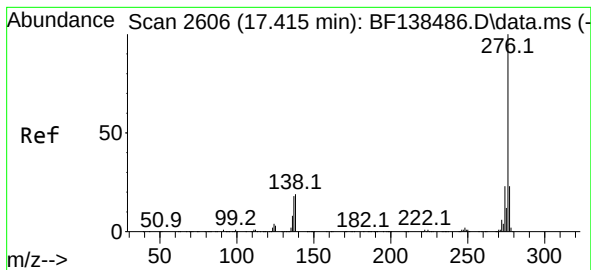
Delta R.T. -0.006 min

Lab File: BF138534.D

Acq: 11 Jul 2024 20:52

Tgt Ion:	252	Resp:	48743
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.0
125	19.1	9.4	14.2





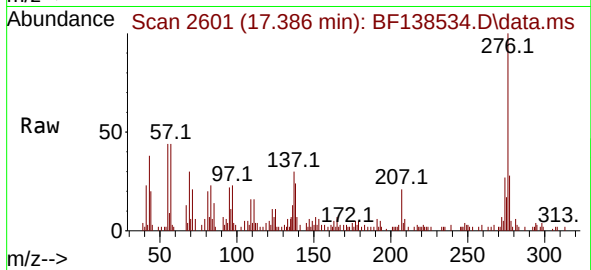
#92
 Benzo(g,h,i)perylene
 Concen: 2.155 ng
 RT: 17.386 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF138534.D
 Acq: 11 Jul 2024 20:52

Instrument :

BNA_F

ClientSampleId :

352



Tgt Ion:276 Resp: 2397
 Ion Ratio Lower Upper
 276 100
 277 27.8 18.0 27.0
 138 24.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

