

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138706.D
 Acq On : 31 Jul 2024 17:01
 Operator : RC/JU
 Sample : P3363-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-072524RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 31 17:30:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	81481	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	280531	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	127744	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214412	20.000	ng	0.00
76) Chrysene-d12	14.010	240	127468	20.000	ng	0.00
86) Perylene-d12	15.474	264	105460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	202740	38.409	ng	0.00
7) Phenol-d6	6.481	99	254465	35.907	ng	0.00
23) Nitrobenzene-d5	7.404	82	153527	26.757	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	39005	37.276	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	236517	27.819	ng	0.00
79) Terphenyl-d14	12.951	244	237438	31.187	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	28153	2.550	ng	96
75) Fluoranthene	12.580	202	85301	8.276	ng	98
78) Pyrene	12.810	202	88384	7.364	ng	98
81) Benzo(a)anthracene	13.998	228	36854	4.199	ng	# 84
83) Chrysene	14.033	228	31705	4.004	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.945	276	17387	2.301	ng	92
88) Benzo(b)fluoranthene	15.051	252	39375m	6.023	ng	
89) Benzo(k)fluoranthene	15.063	252	15541m	2.746	ng	
90) Benzo(a)pyrene	15.410	252	27896	5.073	ng	# 80
92) Benzo(g,h,i)perylene	17.392	276	17695	2.749	ng	# 85

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

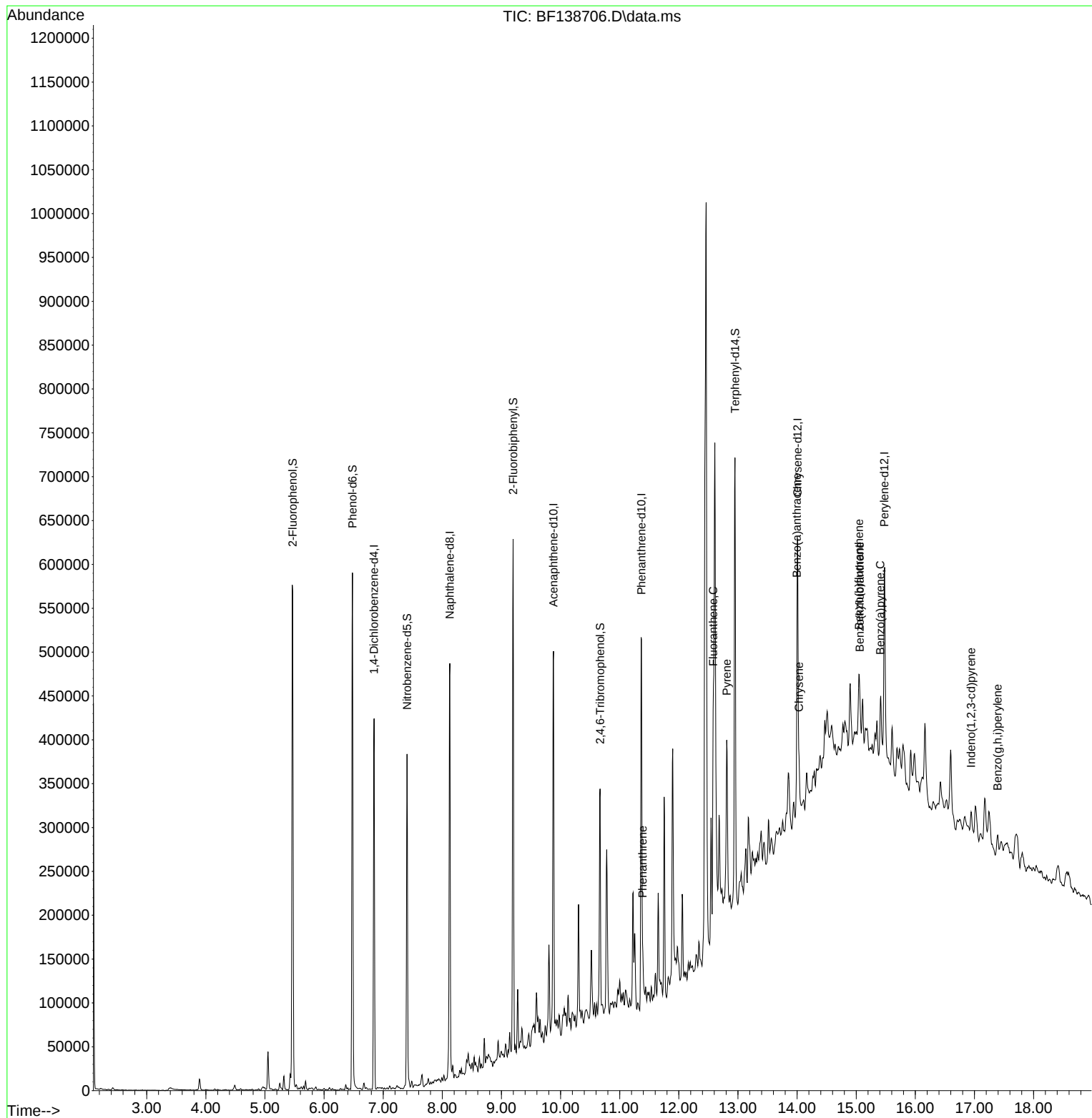
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138706.D
Acq On : 31 Jul 2024 17:01
Operator : RC/JU
Sample : P3363-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

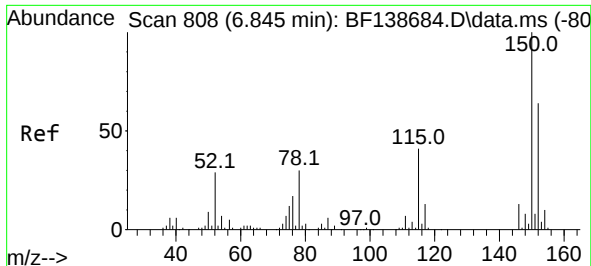
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

Quant Time: Jul 31 17:30:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

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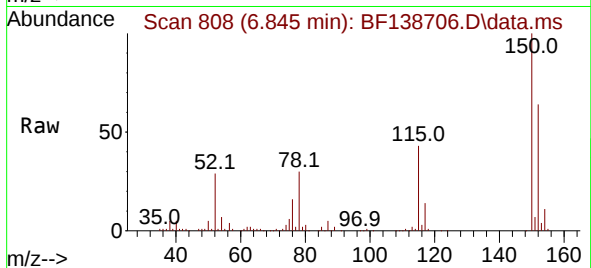
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

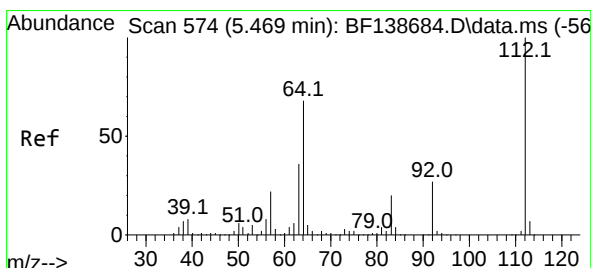
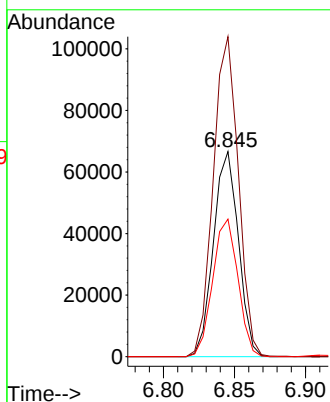
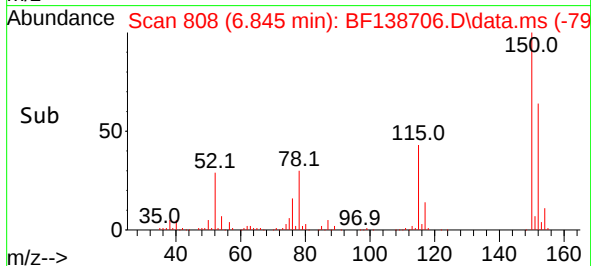
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE



Tgt Ion:152 Resp: 8148
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 67.1 51.7 77.5

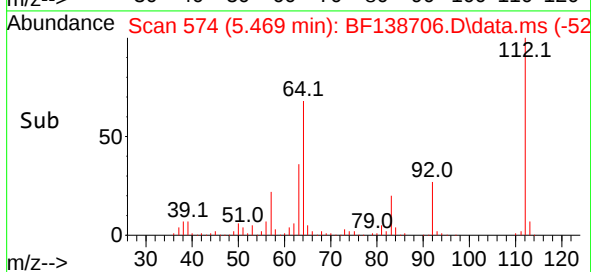
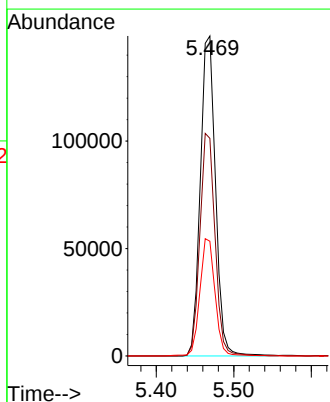
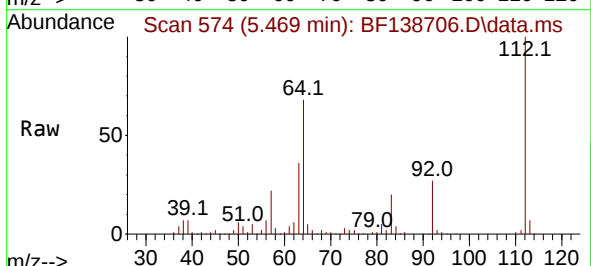
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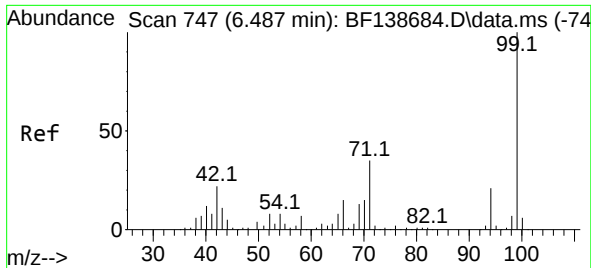
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#5
2-Fluorophenol
Concen: 38.409 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

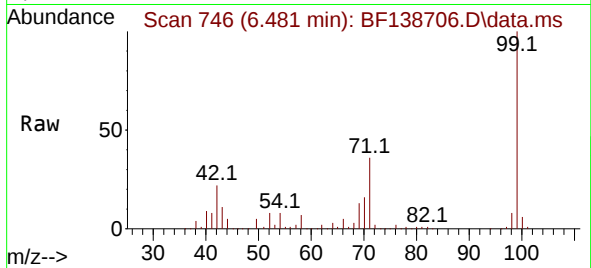
Tgt Ion:112 Resp: 202740
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 35.9 28.7 43.1





#7
Phenol-d6
Concen: 35.907 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

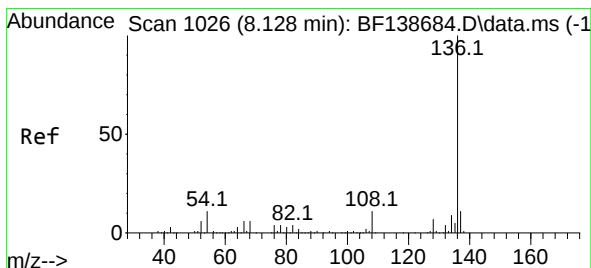
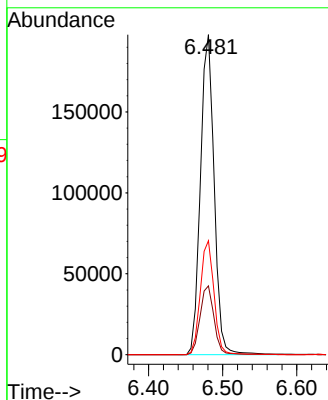
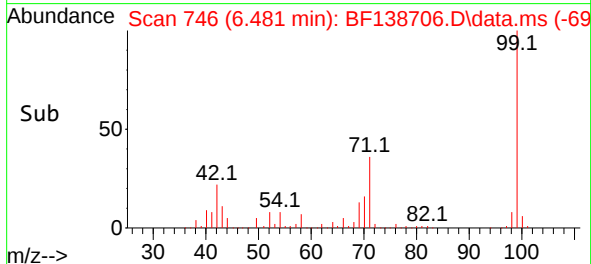
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE



Tgt Ion: 99 Resp: 25446
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 35.6 28.1 42.1

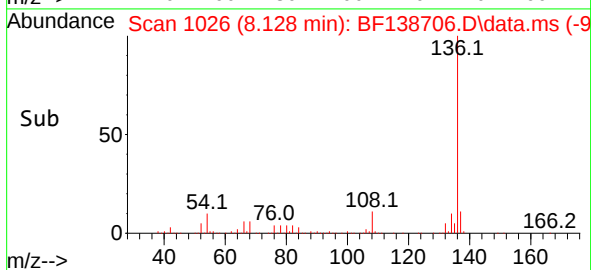
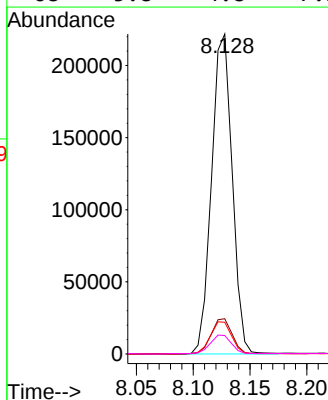
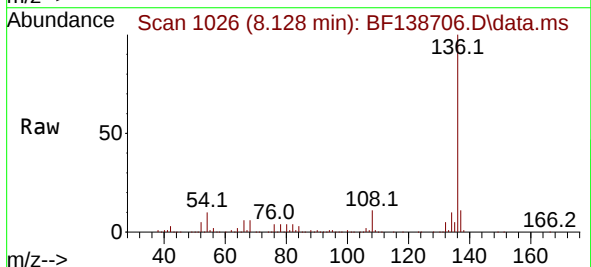
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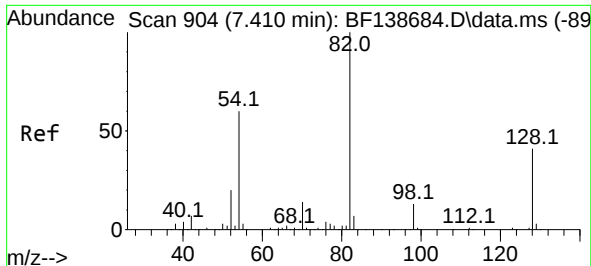
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

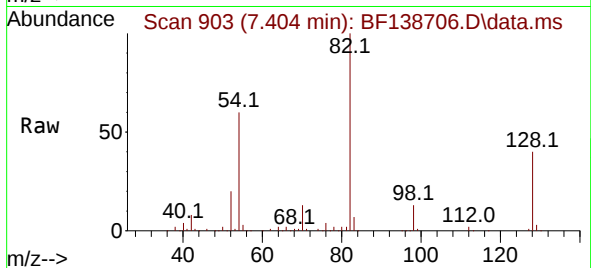
Tgt Ion:136 Resp: 280531
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.9 8.6 12.8
68 5.8 4.8 7.2





#23
Nitrobenzene-d5
Concen: 26.757 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

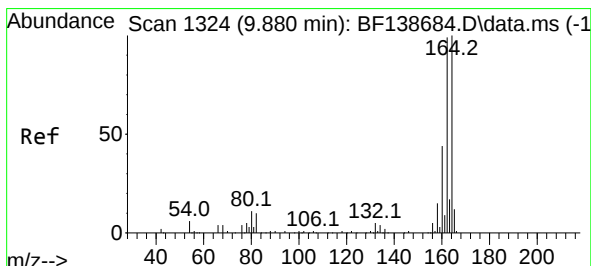
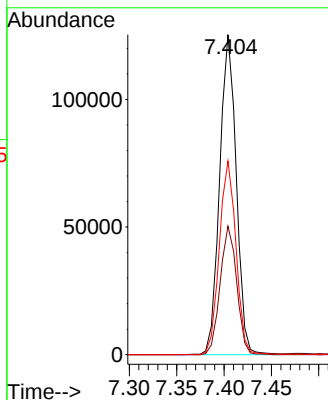
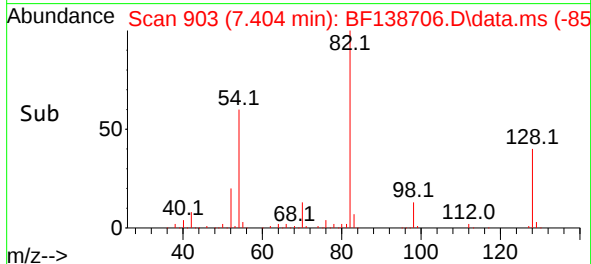
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE



Tgt Ion: 82 Resp: 15352
Ion Ratio Lower Upper
82 100
128 40.1 32.8 49.2
54 60.5 48.3 72.5

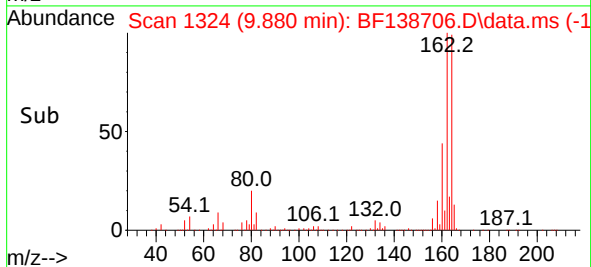
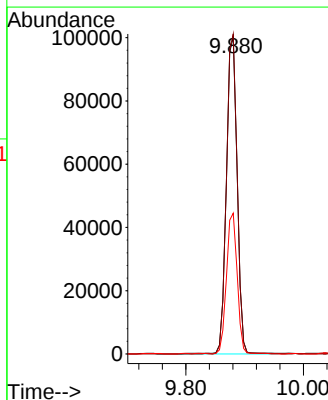
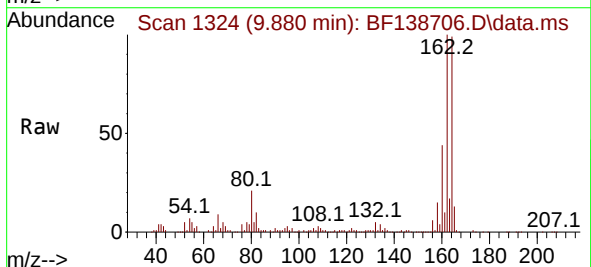
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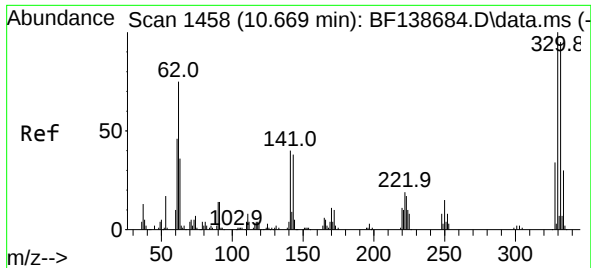
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

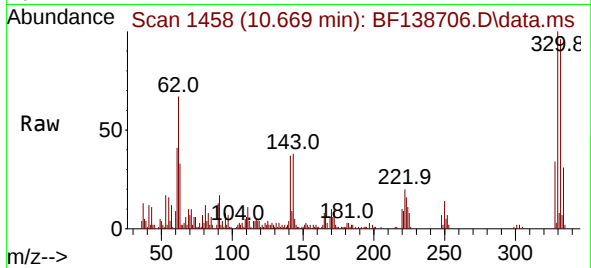
Tgt Ion:164 Resp: 127744
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 44.4 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 37.276 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

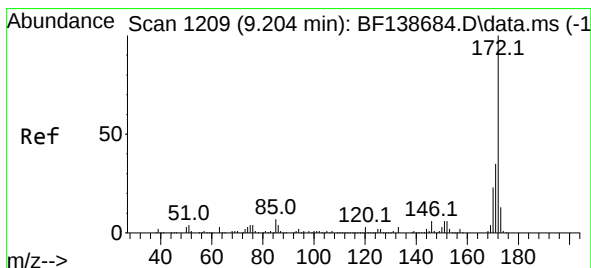
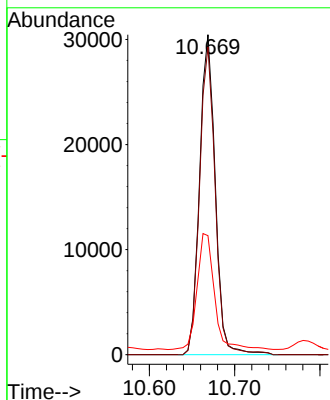
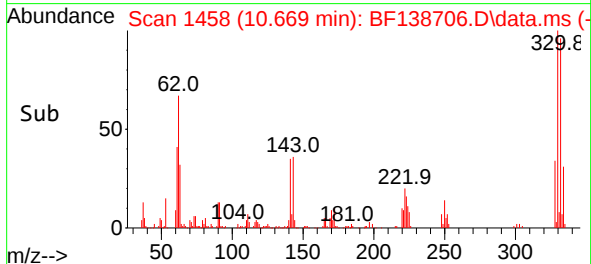
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE



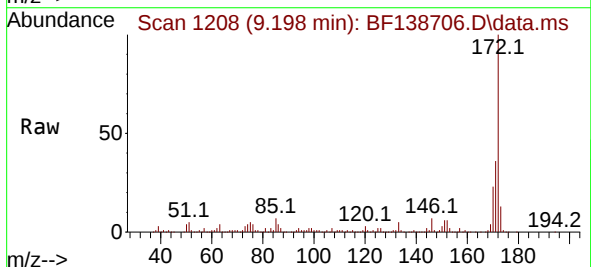
Tgt Ion:330 Resp: 3900
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 39.9 31.1 46.7

Manual Integrations
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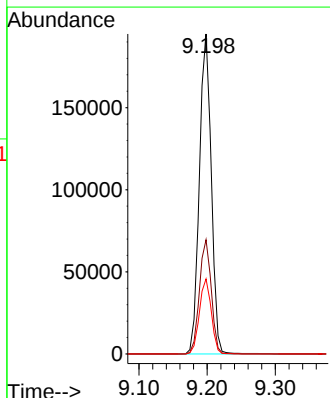
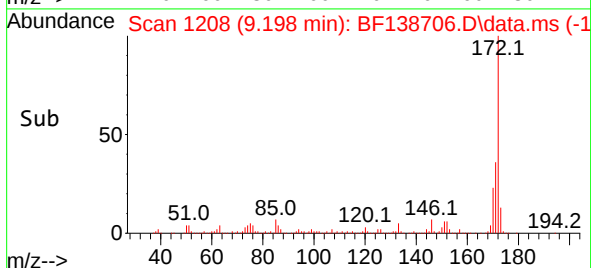
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

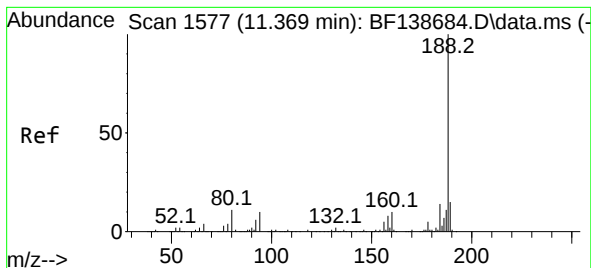


#45
2-Fluorobiphenyl
Concen: 27.819 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01



Tgt Ion:172 Resp: 236517
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 18.8 28.2





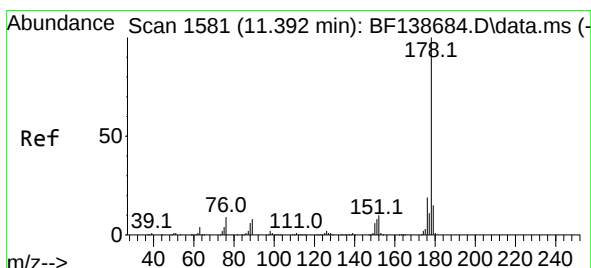
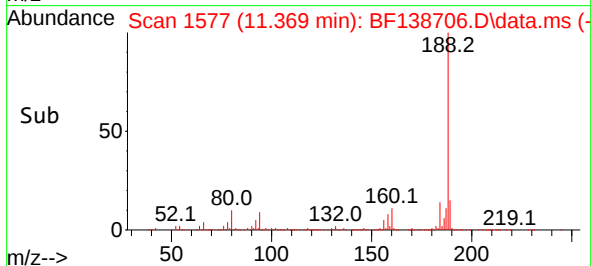
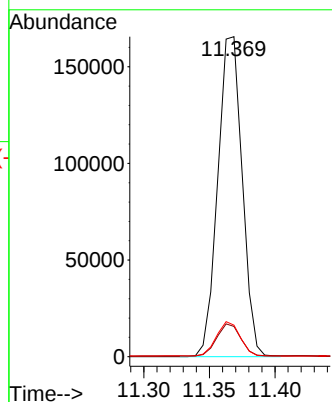
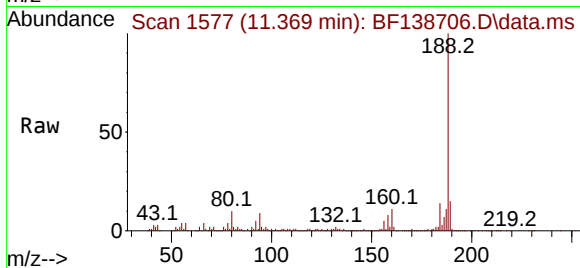
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11369
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE

Tgt Ion:188 Resp: 21441
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.9 8.6 12.8

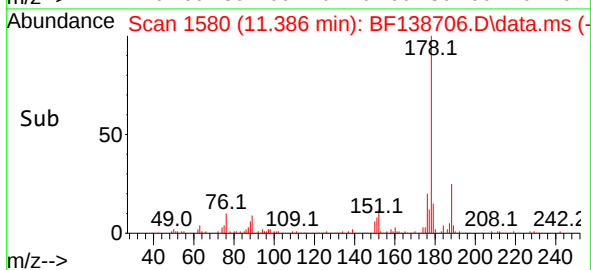
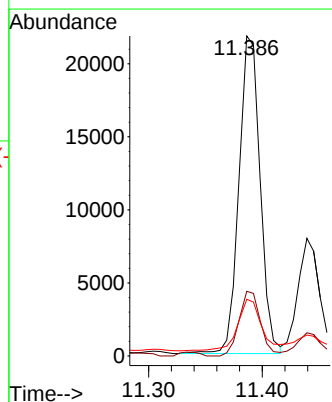
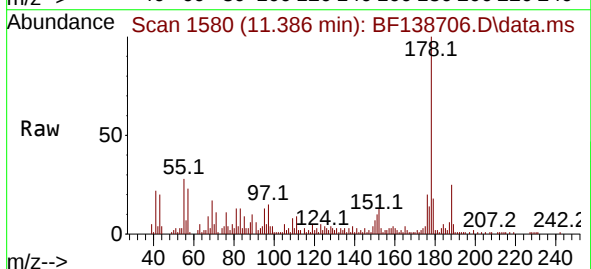
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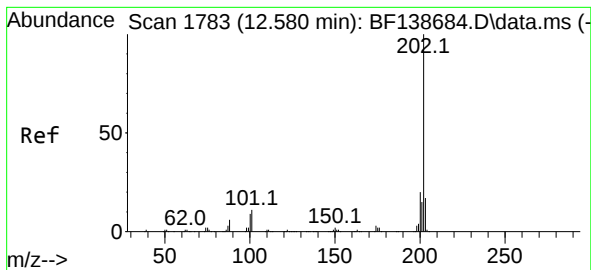
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#71
Phenanthrene
Concen: 2.550 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

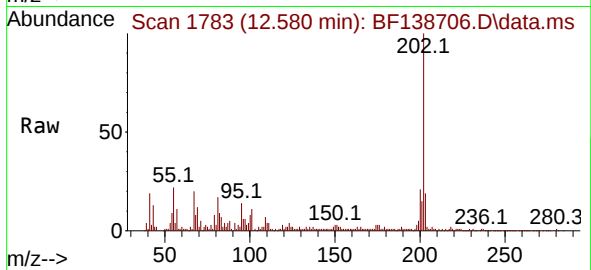
Tgt Ion:178 Resp: 28153
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.0
179 17.7 12.2 18.2





#75
Fluoranthene
Concen: 8.276 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

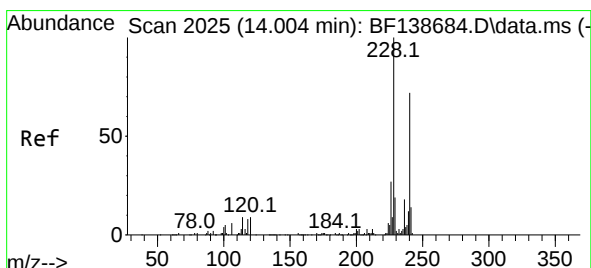
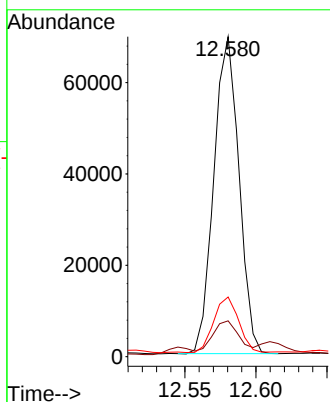
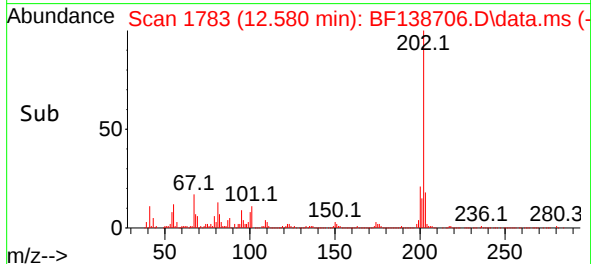
Instrument :
BNA_F
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EO-01-072524RE



Tgt Ion:202 Resp: 8530
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 18.7 0.0 37.3

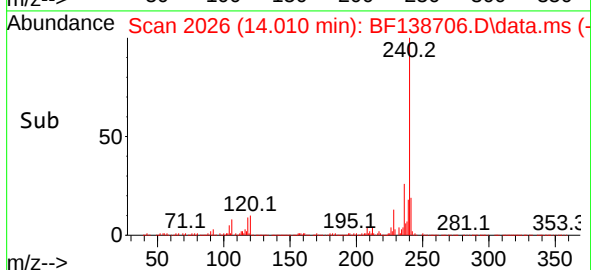
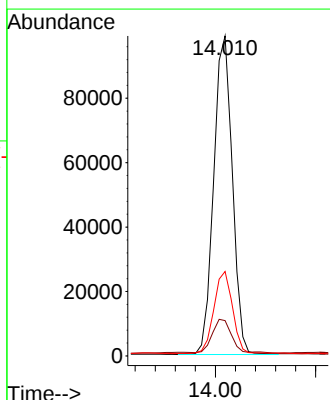
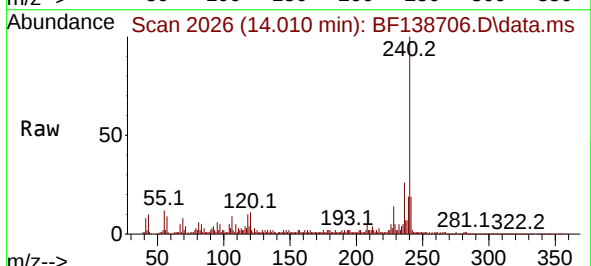
Manual Integrations
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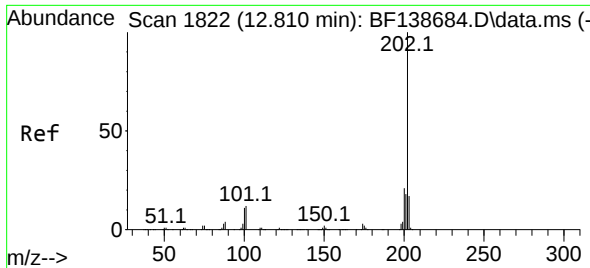
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

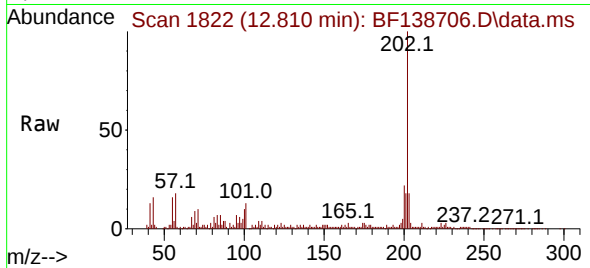
Tgt Ion:240 Resp: 127468
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.4
236 26.4 19.8 29.8





#78
Pyrene
Concen: 7.364 ng
RT: 12.810 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

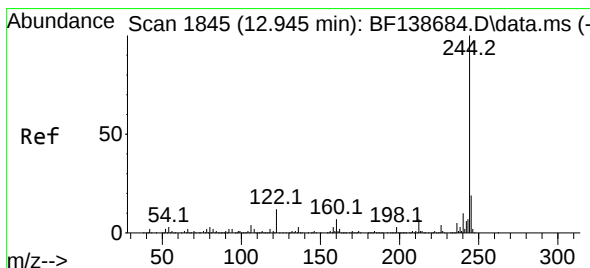
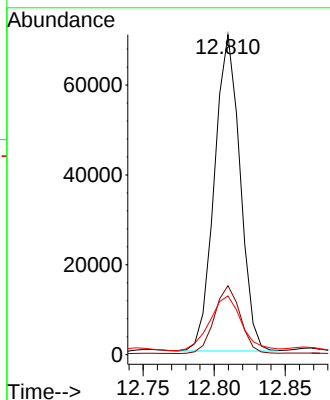
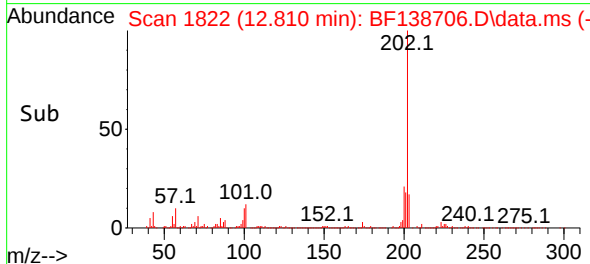
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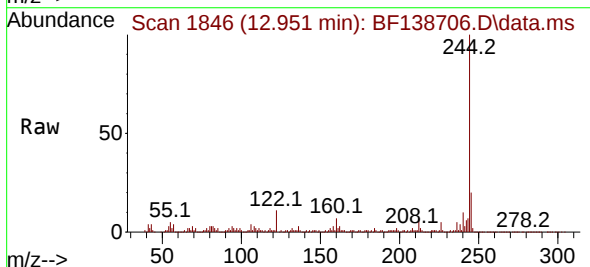
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Ion Ratio Lower Upper
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200 21.5 16.8 25.2
203 18.3 13.8 20.6

Manual Integrations
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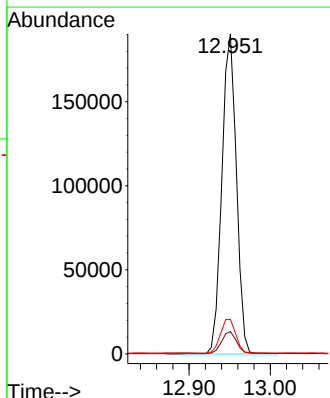
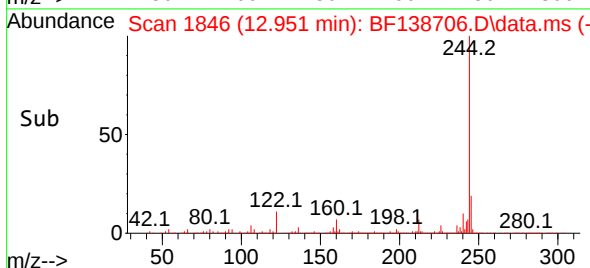
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

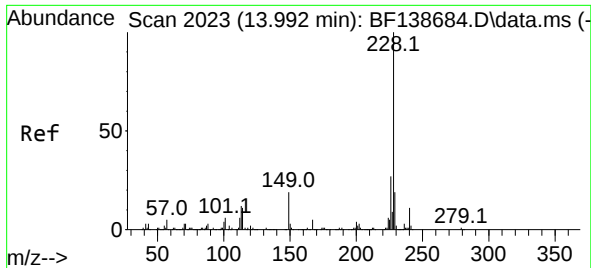


#79
Terphenyl-d14
Concen: 31.187 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01



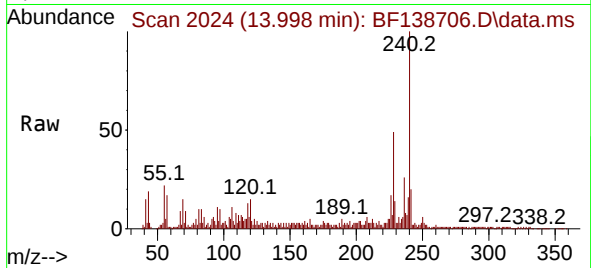
Tgt Ion:244 Resp: 237438
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.8 9.6 14.4





#81
Benzo(a)anthracene
Concen: 4.199 ng
RT: 13.998 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

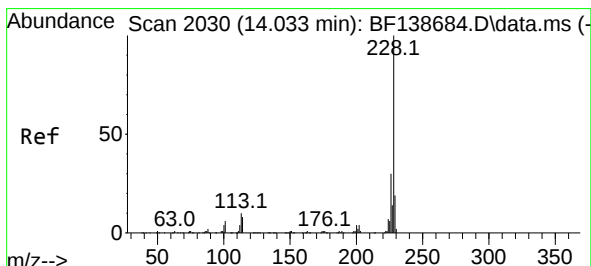
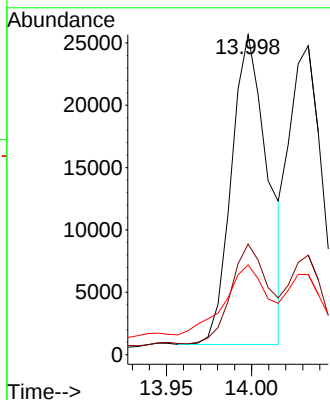
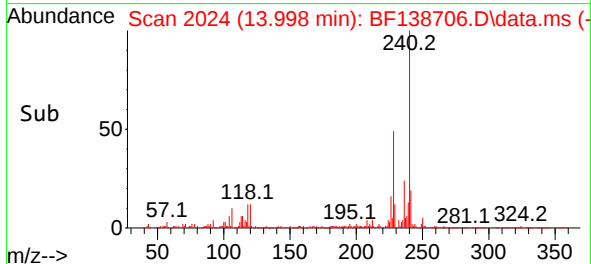
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE



Tgt Ion:228 Resp: 36854
Ion Ratio Lower Upper
228 100
226 34.6 22.1 33.1
229 28.1 15.4 23.0

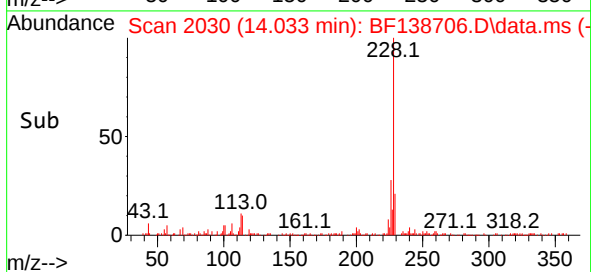
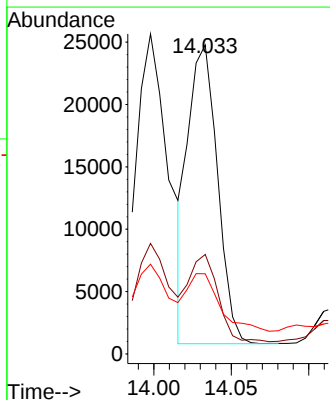
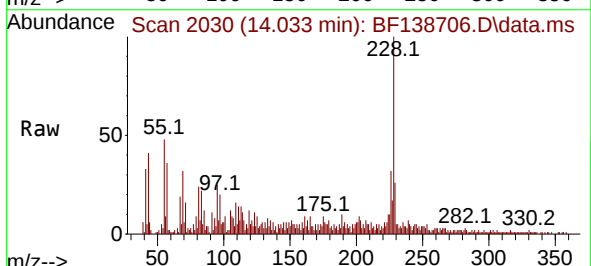
Manual Integrations
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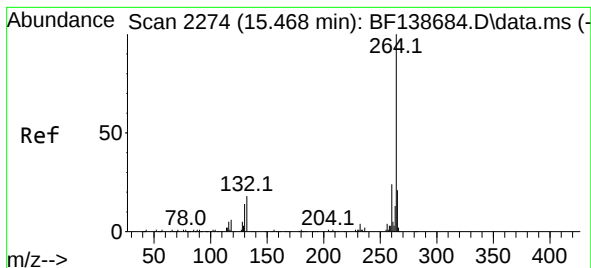
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#83
Chrysene
Concen: 4.004 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:228 Resp: 31705
Ion Ratio Lower Upper
228 100
226 32.2 23.7 35.5
229 25.9 15.0 22.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138706.D

Acq: 31 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

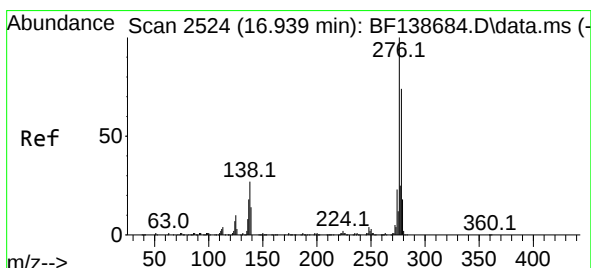
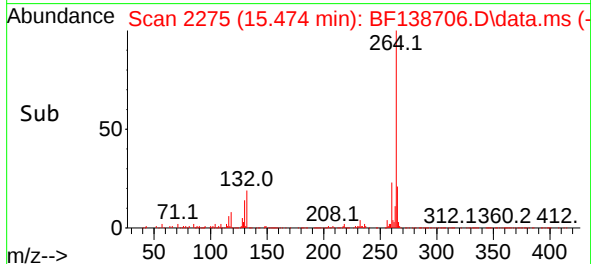
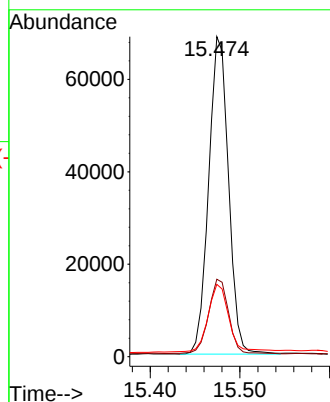
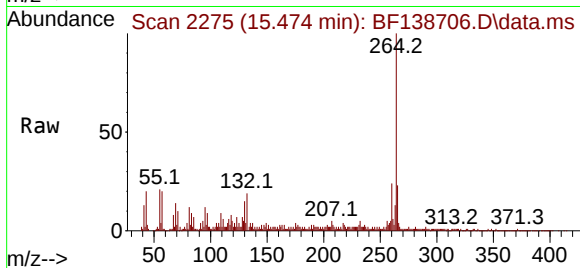
EO-01-072524RE

Tgt Ion:	264	Resp:	105460
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.0	28.6
265	22.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.301 ng

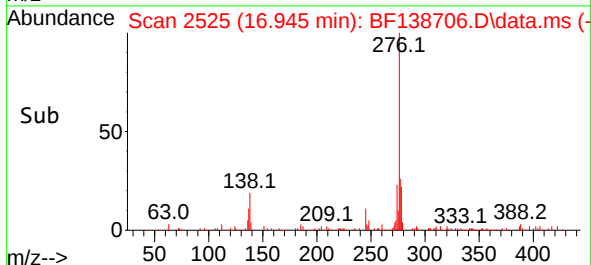
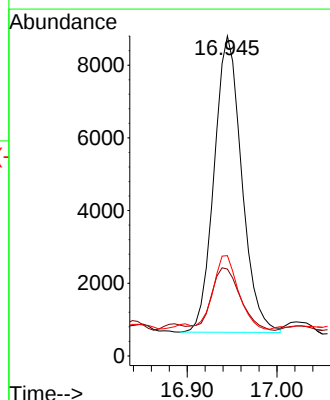
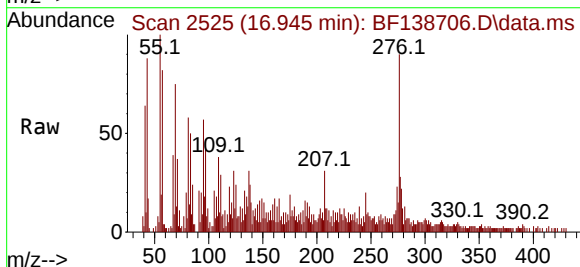
RT: 16.945 min Scan# 2525

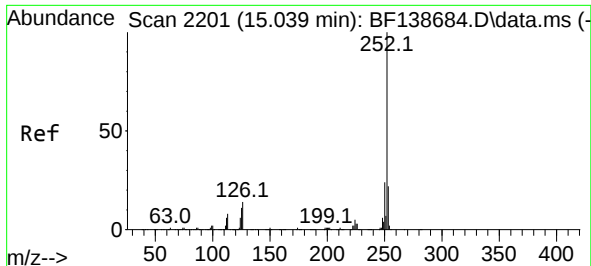
Delta R.T. 0.006 min

Lab File: BF138706.D

Acq: 31 Jul 2024 17:01

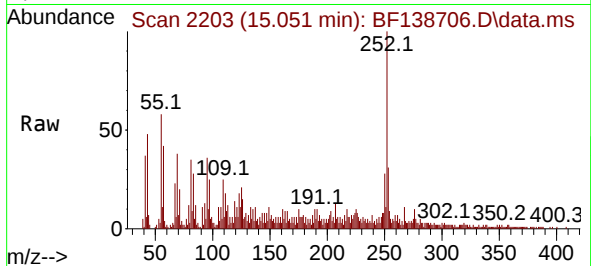
Tgt Ion:	276	Resp:	17387
Ion Ratio	Lower	Upper	
276	100		
138	22.1	21.8	32.8
277	22.8	20.6	30.8





#88
Benzo(b)fluoranthene
Concen: 6.023 ng m
RT: 15.051 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

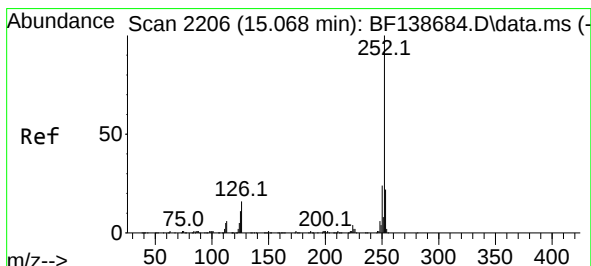
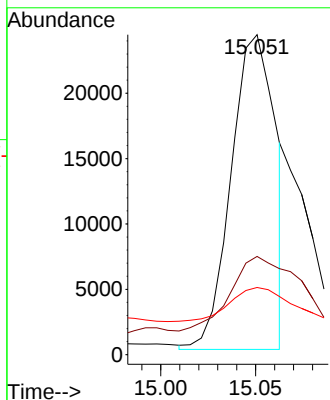
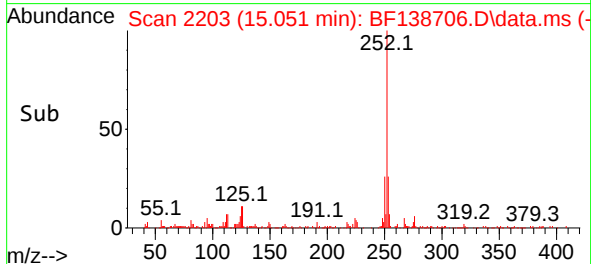
Instrument :
BNA_F
ClientSampleId :
EO-01-072524RE



Tgt Ion:252 Resp: 3937
Ion Ratio Lower Upper
252 100
253 30.7 17.5 26.3
125 21.0 8.9 13.3

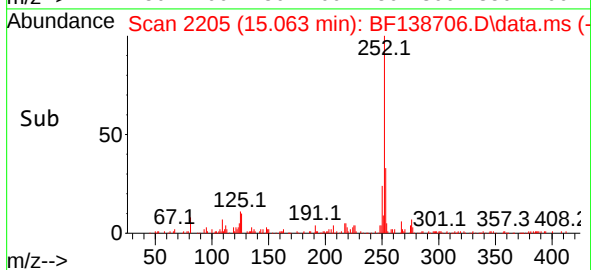
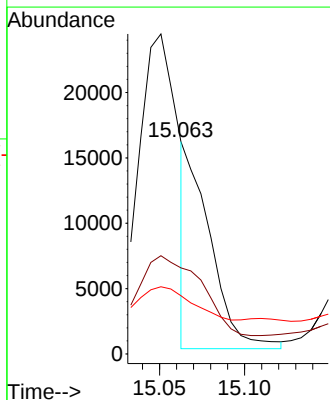
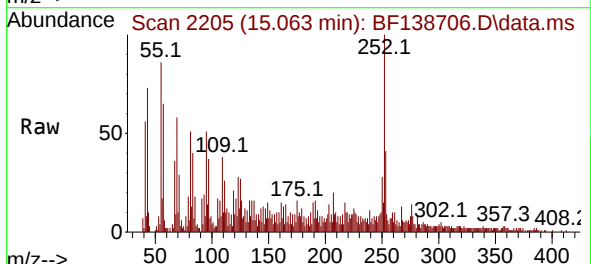
Manual Integrations
APPROVED

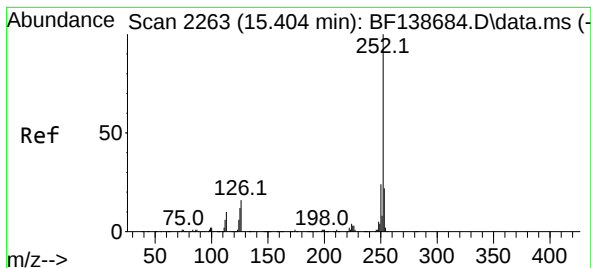
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#89
Benzo(k)fluoranthene
Concen: 2.746 ng m
RT: 15.063 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF138706.D
Acq: 31 Jul 2024 17:01

Tgt Ion:252 Resp: 15541
Ion Ratio Lower Upper
252 100
253 40.5 17.4 26.0#
125 27.5 8.6 13.0#





#90

Benzo(a)pyrene

Concen: 5.073 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138706.D

Acq: 31 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

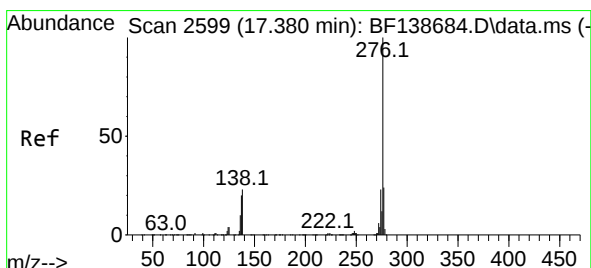
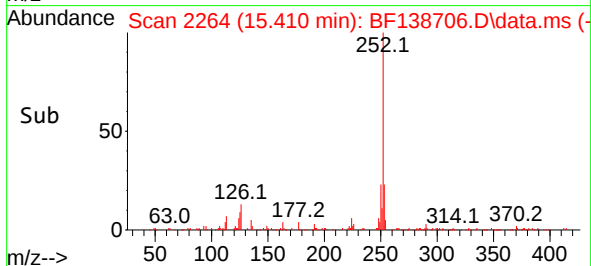
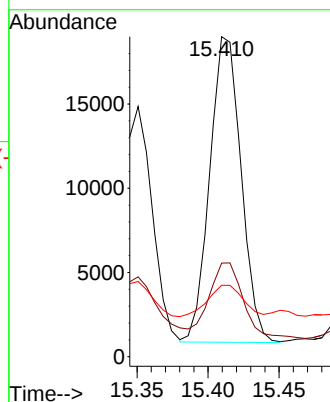
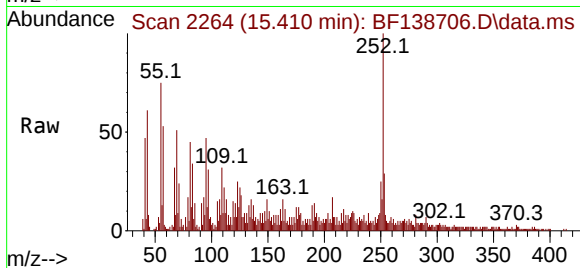
EO-01-072524RE

Tgt Ion:	252	Resp:	27890
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.3	25.9
125	22.3	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#92

Benzo(g,h,i)perylene

Concen: 2.749 ng

RT: 17.392 min Scan# 2601

Delta R.T. 0.012 min

Lab File: BF138706.D

Acq: 31 Jul 2024 17:01

Tgt Ion:	276	Resp:	17695
Ion Ratio	Lower	Upper	
276	100		
277	30.8	19.0	28.4
138	30.6	18.5	27.7

