

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138702.D
 Acq On : 31 Jul 2024 15:00
 Operator : RC/JU
 Sample : P3376-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7-Full Waste Class

Manual Integrations
 APPROVED

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

Quant Time: Jul 31 15:35:44 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	49589	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176376	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	82548	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	150055	20.000	ng	0.00
76) Chrysene-d12	14.010	240	137697	20.000	ng	0.00
86) Perylene-d12	15.474	264	115512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	291826	90.842	ng	0.00
7) Phenol-d6	6.481	99	364783	84.577	ng	0.00
23) Nitrobenzene-d5	7.404	82	236997	65.695	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	68037	100.620	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	372467	67.795	ng	0.00
79) Terphenyl-d14	12.951	244	455633	55.401	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	156022	20.193	ng	99
72) Anthracene	11.439	178	43833	5.759	ng	99
75) Fluoranthene	12.580	202	405635	56.234	ng	99
78) Pyrene	12.810	202	355032	27.385	ng	99
81) Benzo(a)anthracene	13.998	228	233708	24.647	ng	97
83) Chrysene	14.033	228	177286	20.724	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	67307	8.131	ng	95
88) Benzo(b)fluoranthene	15.045	252	219220m	30.615	ng	
89) Benzo(k)fluoranthene	15.062	252	72304m	11.662	ng	
90) Benzo(a)pyrene	15.409	252	139767	23.205	ng	97
91) Dibenzo(a,h)anthracene	16.939	278	17596m	2.589	ng	
92) Benzo(g,h,i)perylene	17.374	276	61952	8.786	ng	97

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

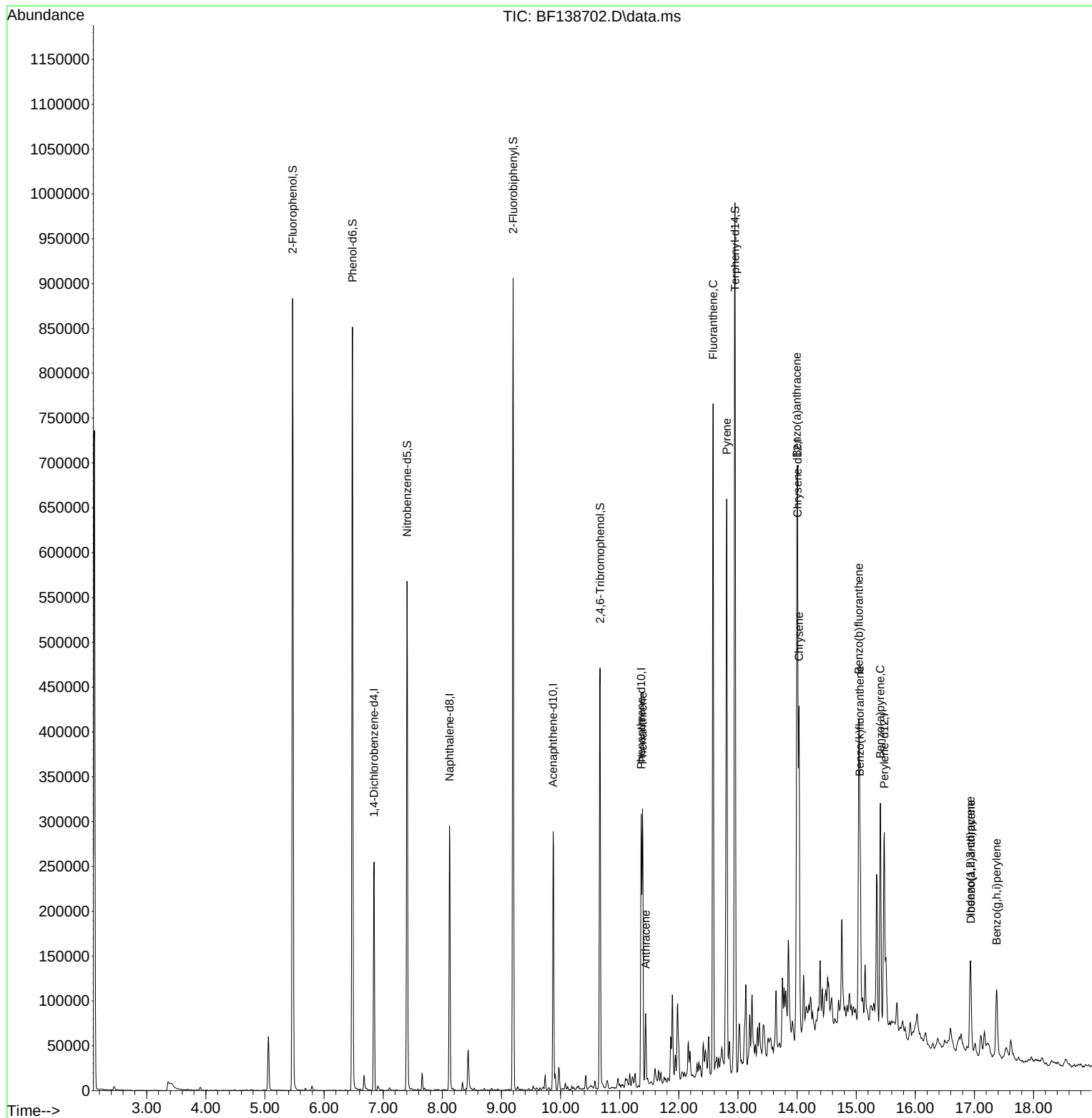
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138702.D
Acq On : 31 Jul 2024 15:00
Operator : RC/JU
Sample : P3376-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

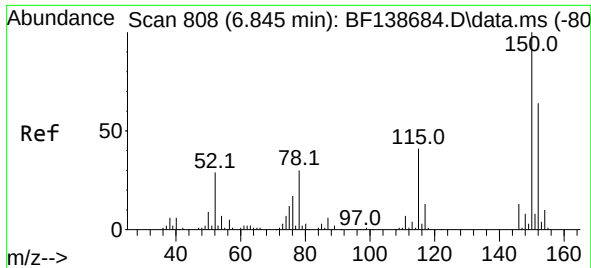
Instrument :
BNA_F
ClientSampleId :
WC-7-Full Waste Class

Quant Time: Jul 31 15:35:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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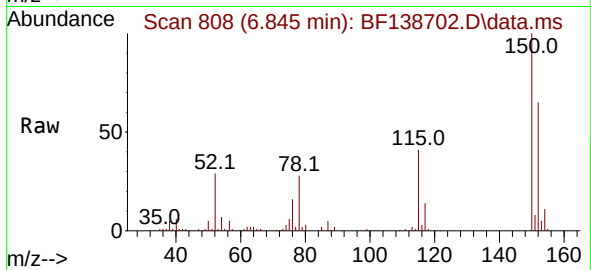
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

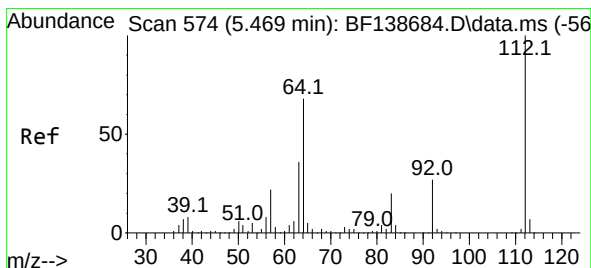
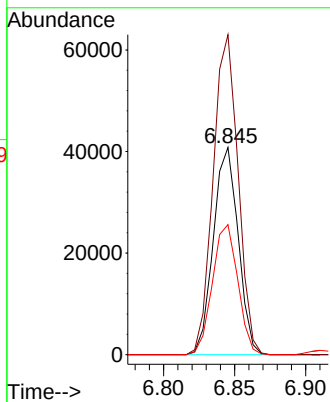
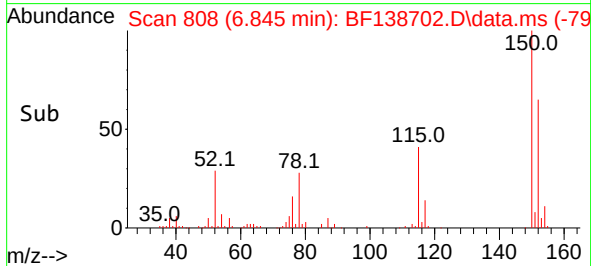
Instrument :
BNA_F
ClientSampleId :
WC-7-Full Waste Class



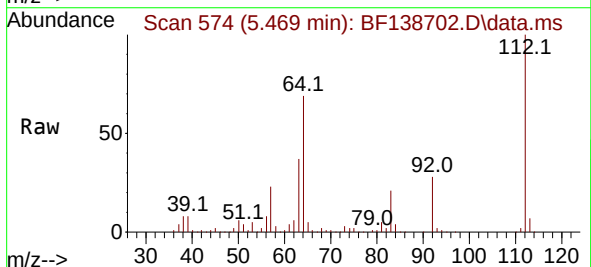
Tgt Ion:152 Resp: 49589
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 62.8 51.7 77.5

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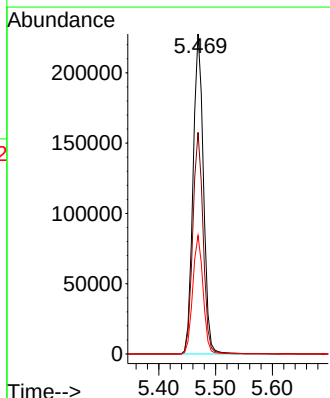
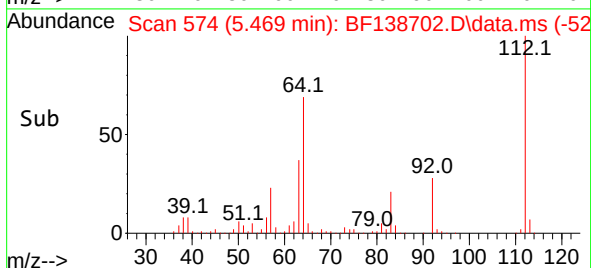
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

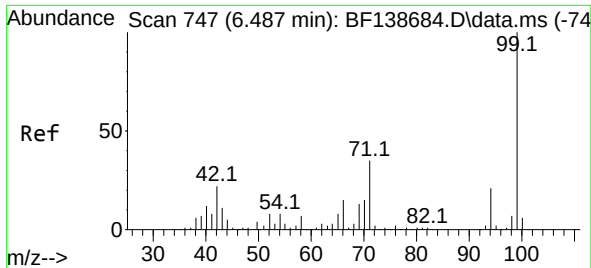


#5
2-Fluorophenol
Concen: 90.842 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00



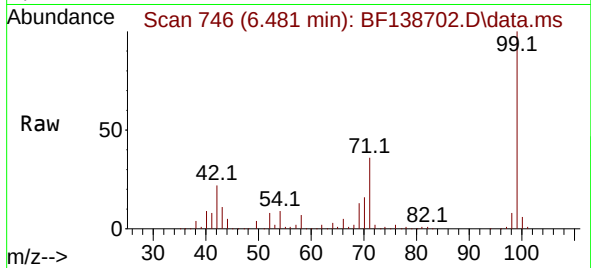
Tgt Ion:112 Resp: 291826
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 37.0 28.7 43.1





#7
Phenol-d6
Concen: 84.577 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

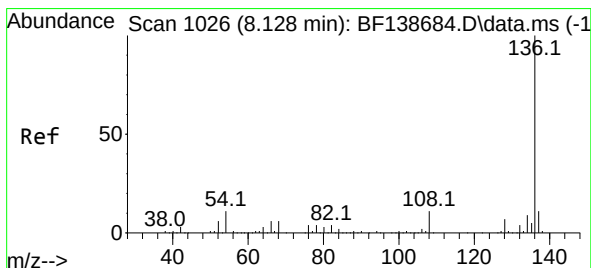
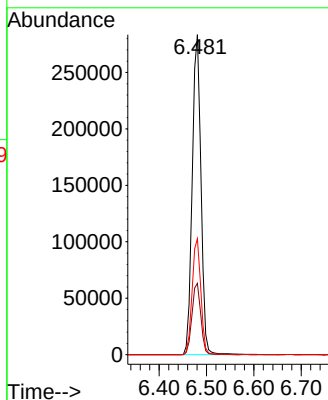
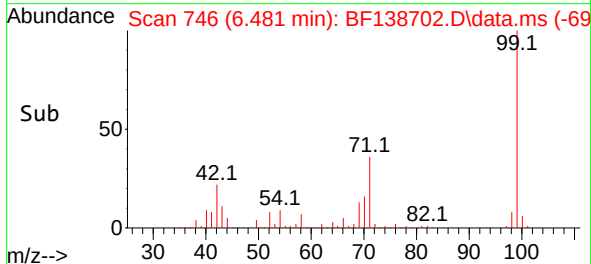
Instrument :
BNA_F
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WC-7-Full Waste Class



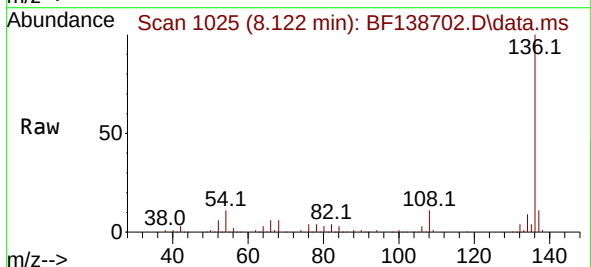
Tgt Ion: 99 Resp: 36478
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.0
71 36.2 28.1 42.1

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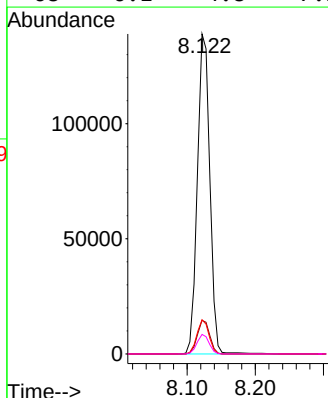
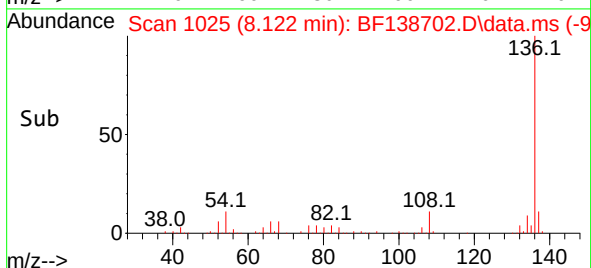
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

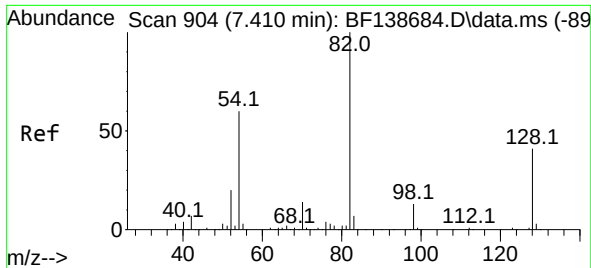


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00



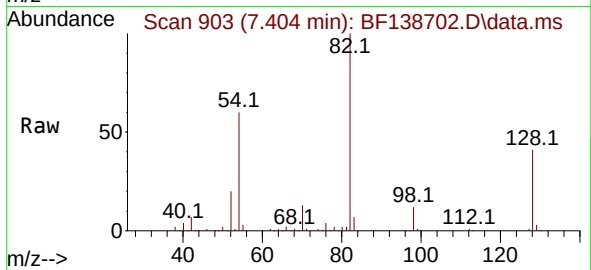
Tgt Ion:136 Resp: 176376
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.7 8.6 12.8
68 6.1 4.8 7.2





#23
Nitrobenzene-d5
Concen: 65.695 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

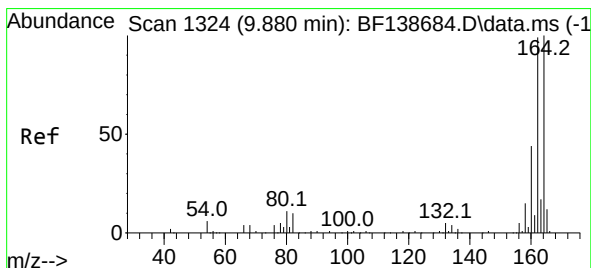
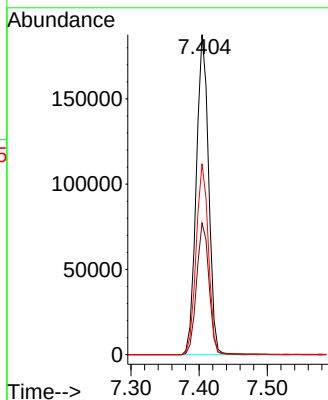
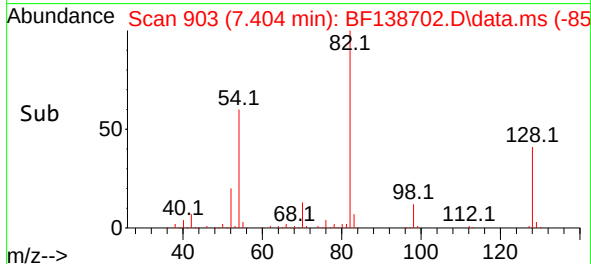
Instrument :
BNA_F
ClientSampleId :
WC-7-Full Waste Class



Tgt Ion: 82 Resp: 236997
Ion Ratio Lower Upper
82 100
128 41.2 32.8 49.2
54 59.7 48.3 72.5

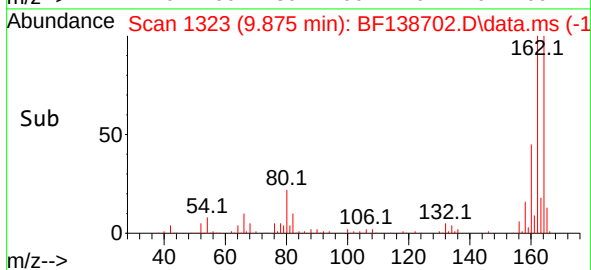
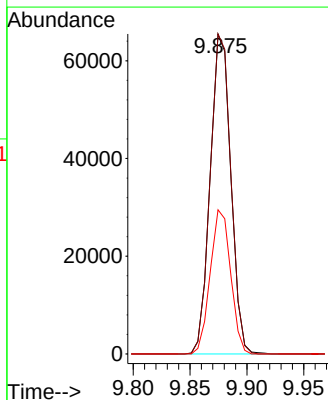
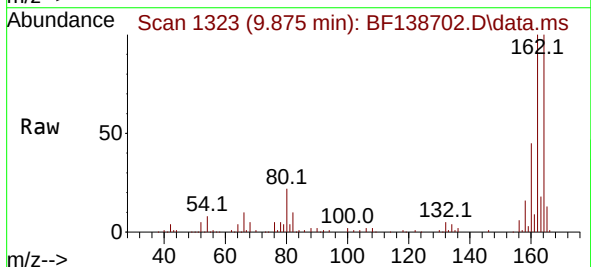
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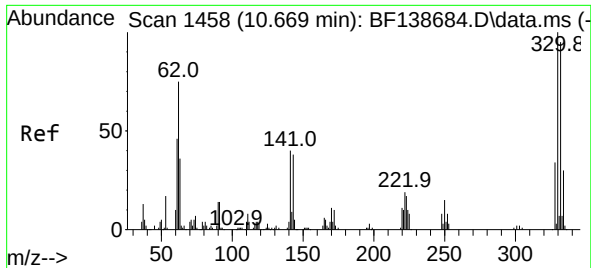
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

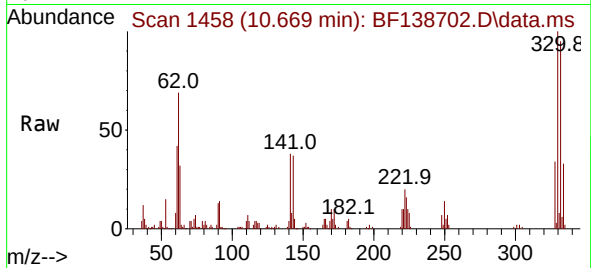
Tgt Ion:164 Resp: 82548
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 45.1 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 100.620 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

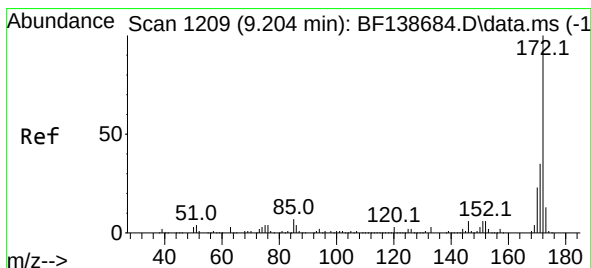
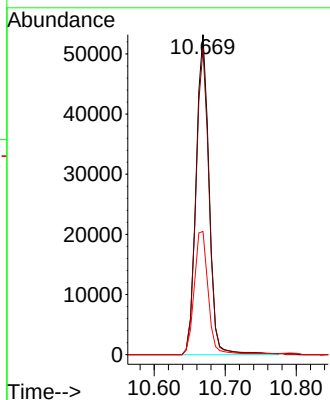
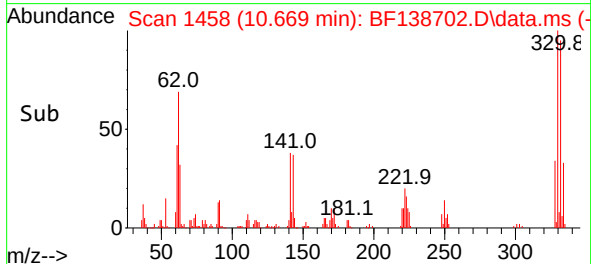
Instrument :
BNA_F
ClientSampleId :
WC-7-Full Waste Class



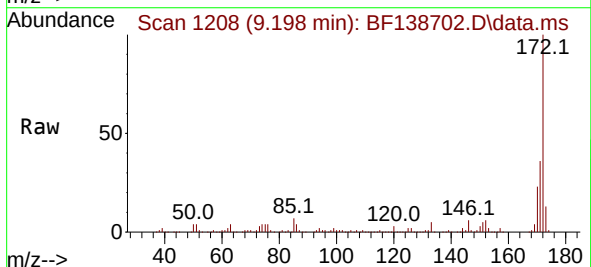
Tgt Ion: 330 Resp: 6803
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 41.4 31.1 46.7

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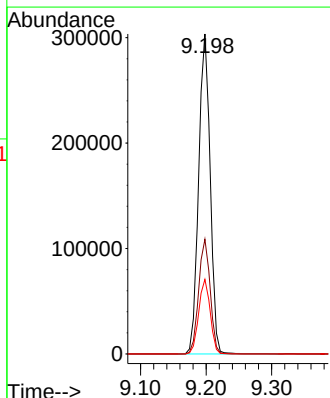
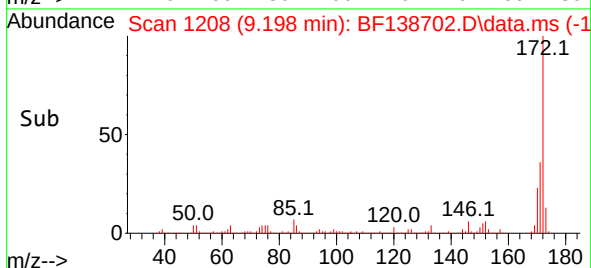
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

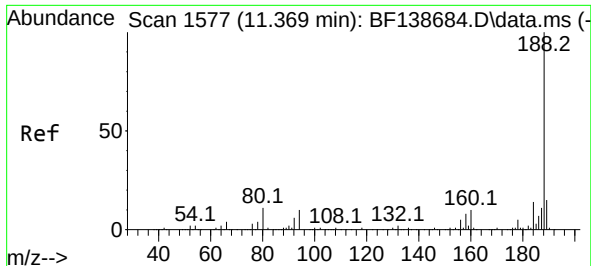


#45
2-Fluorobiphenyl
Concen: 67.795 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00



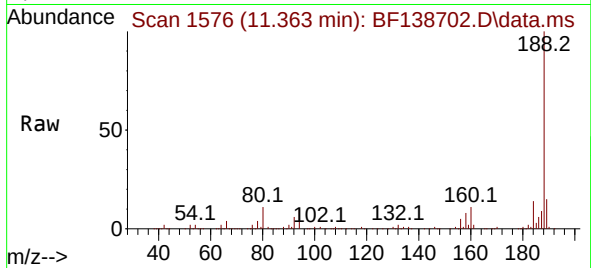
Tgt Ion: 172 Resp: 372467
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

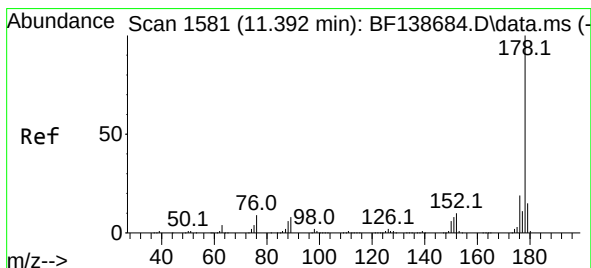
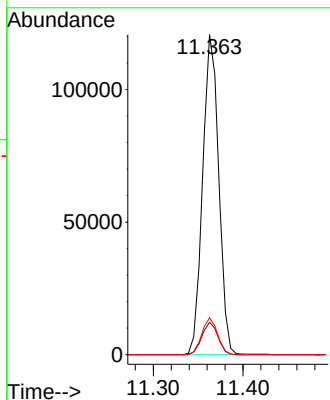
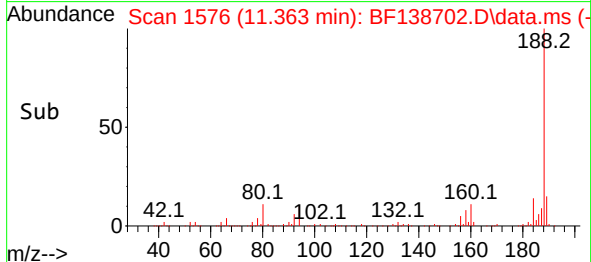
Instrument :
BNA_F
ClientSampleId :
WC-7-Full Waste Class



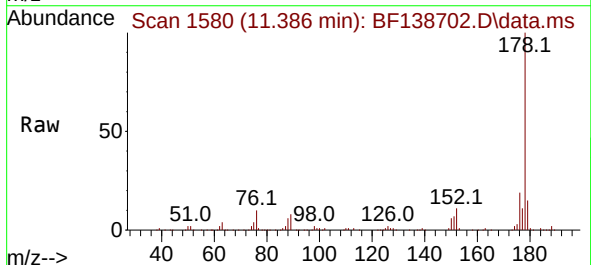
Tgt Ion:188 Resp: 150058
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 11.5 8.6 12.8

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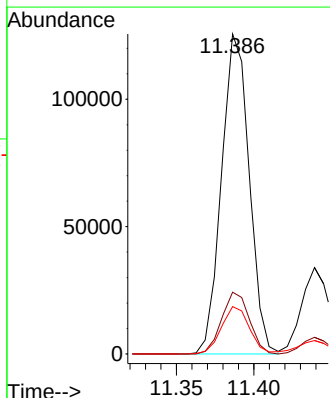
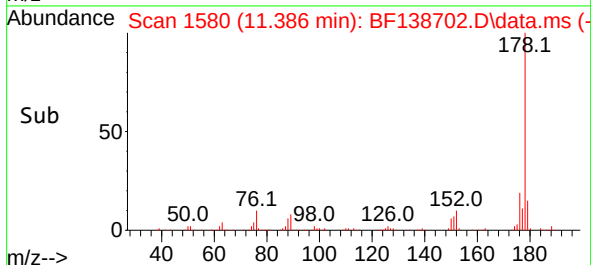
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

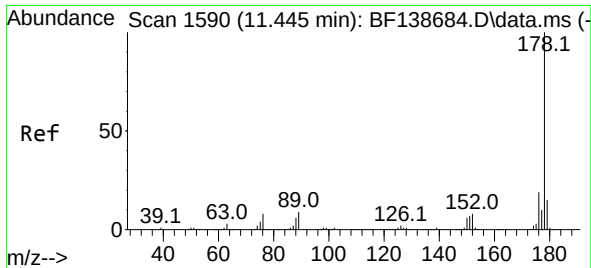


#71
Phenanthrene
Concen: 20.193 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00



Tgt Ion:178 Resp: 156022
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 14.8 12.2 18.2





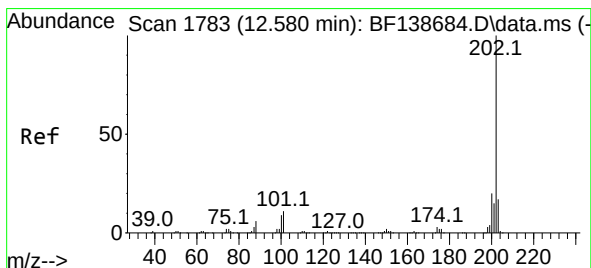
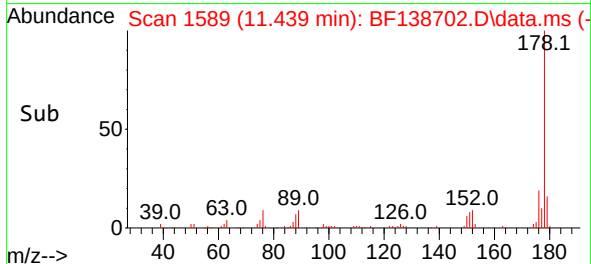
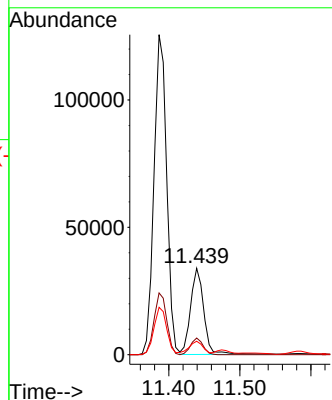
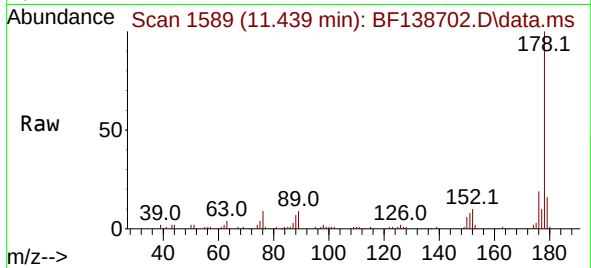
#72
 Anthracene
 Concen: 5.759 ng
 RT: 11.439 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF138702.D
 Acq: 31 Jul 2024 15:00

Instrument :
 BNA_F
 ClientSampleId :
 WC-7-Full Waste Class

Tgt Ion:178 Resp: 4383
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.9 22.3
 179 15.6 12.4 18.6

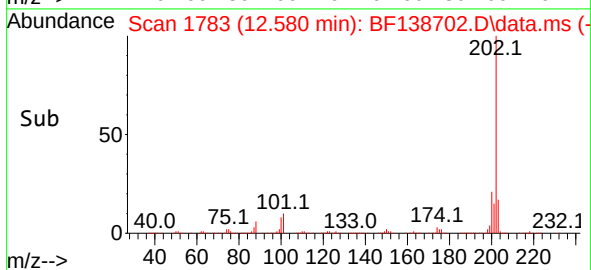
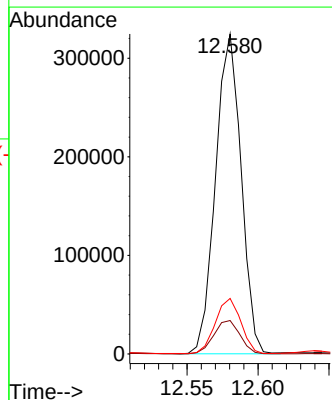
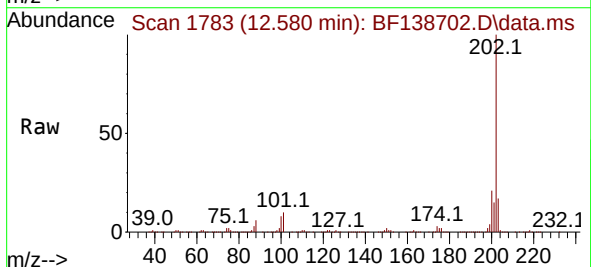
Manual Integrations
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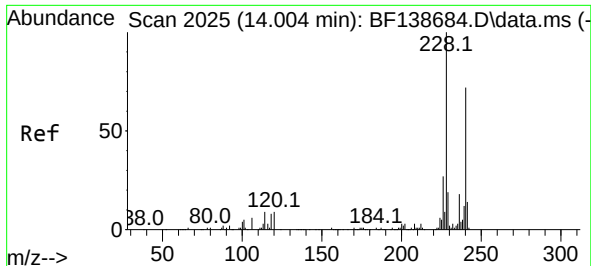
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024



#75
 Fluoranthene
 Concen: 56.234 ng
 RT: 12.580 min Scan# 1783
 Delta R.T. -0.000 min
 Lab File: BF138702.D
 Acq: 31 Jul 2024 15:00

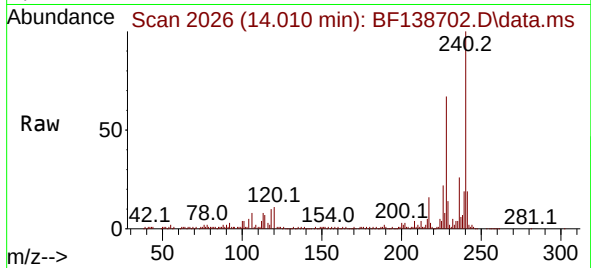
Tgt Ion:202 Resp: 405635
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.2
 203 17.4 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

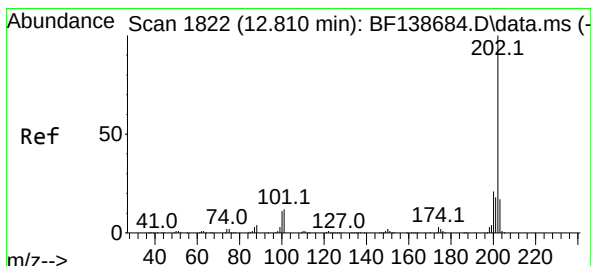
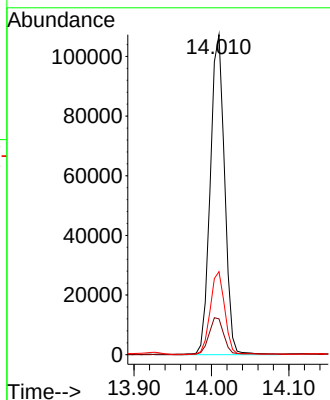
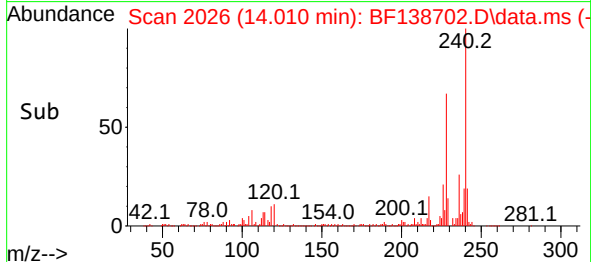
Instrument :
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ClientSampleId :
WC-7-Full Waste Class



Tgt Ion:240 Resp: 13769
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 25.9 19.8 29.8

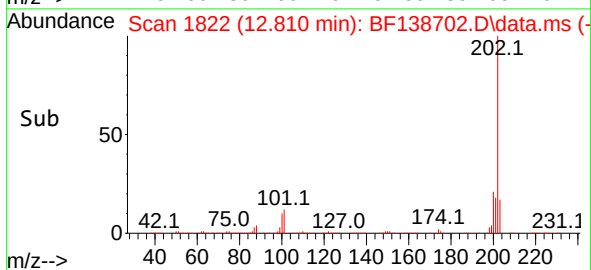
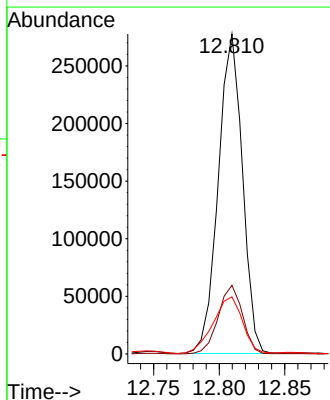
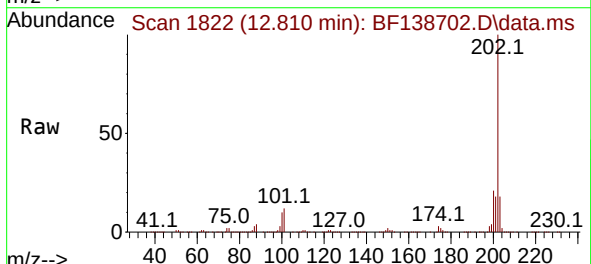
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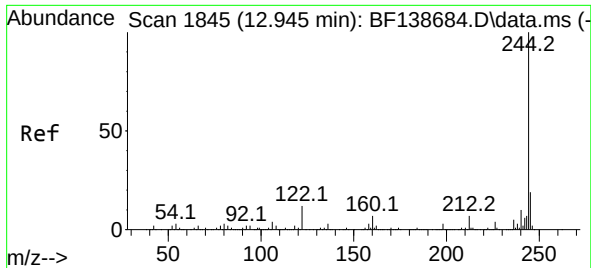
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#78
Pyrene
Concen: 27.385 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

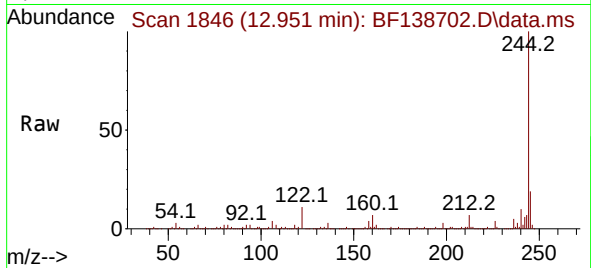
Tgt Ion:202 Resp: 355032
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.8 13.8 20.6





#79
 Terphenyl-d14
 Concen: 55.401 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138702.D
 Acq: 31 Jul 2024 15:00

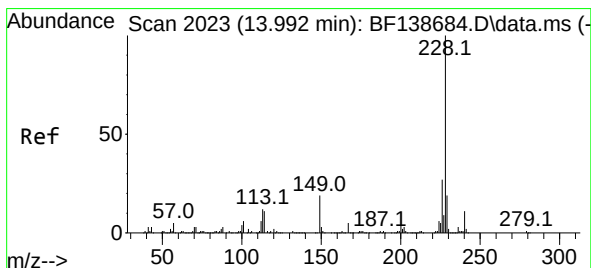
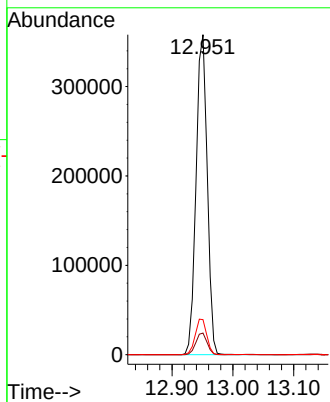
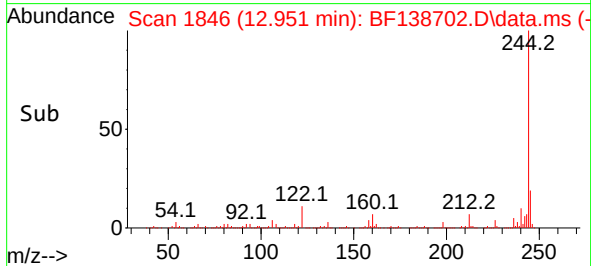
Instrument :
 BNA_F
 ClientSampleId :
 WC-7-Full Waste Class



Tgt Ion:244 Resp: 45563
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.0 9.6 14.4

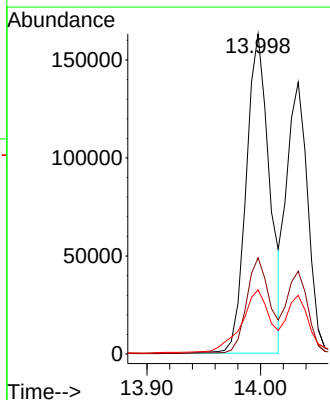
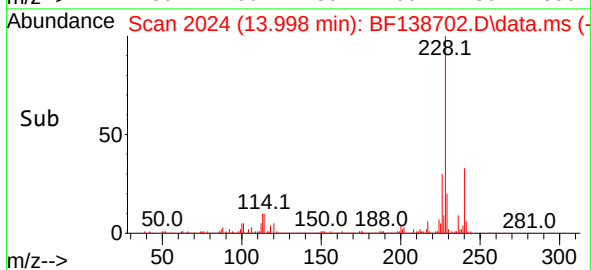
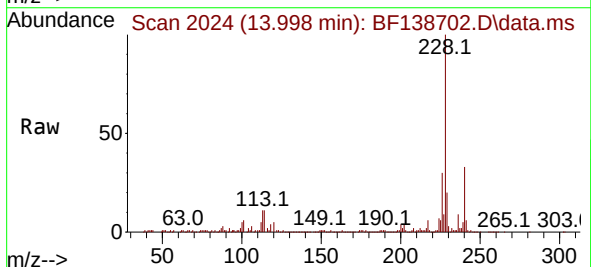
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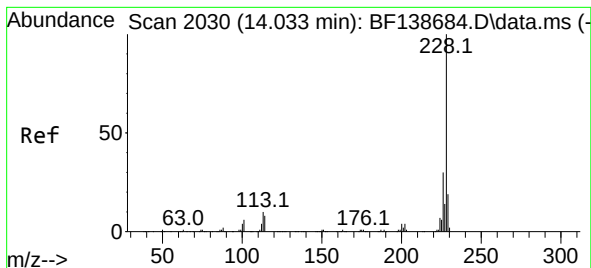
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/03/2024



#81
 Benzo(a)anthracene
 Concen: 24.647 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. 0.006 min
 Lab File: BF138702.D
 Acq: 31 Jul 2024 15:00

Tgt Ion:228 Resp: 233708
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.1 33.1
 229 20.0 15.4 23.0





#83

Chrysene

Concen: 20.724 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138702.D

Acq: 31 Jul 2024 15:00

Instrument :

BNA_F

ClientSampleId :

WC-7-Full Waste Class

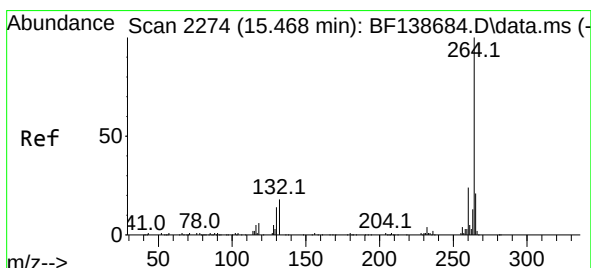
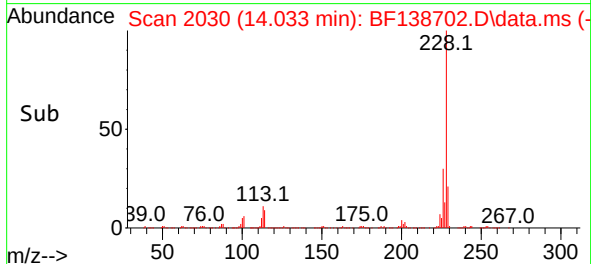
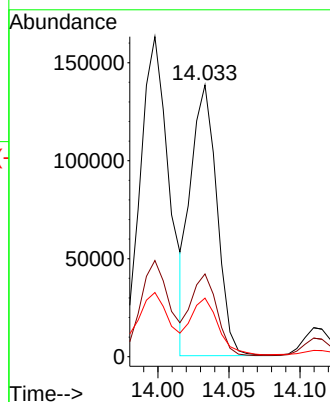
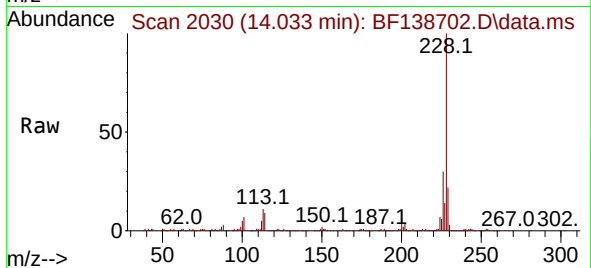
Tgt Ion:228 Resp: 177280

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	21.5	15.0	22.6

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

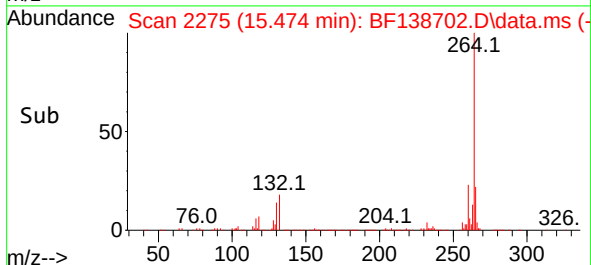
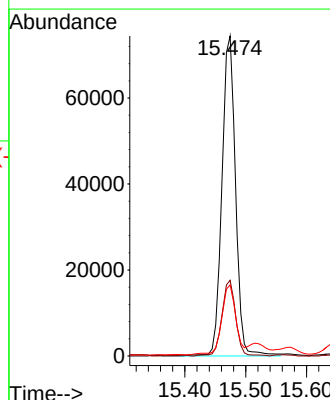
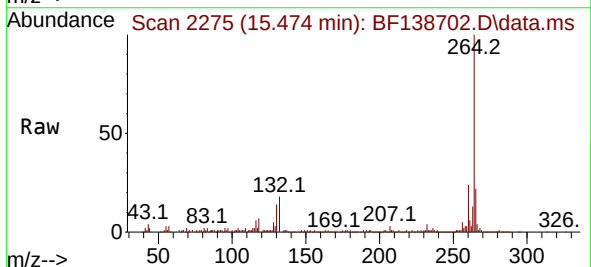
Delta R.T. 0.006 min

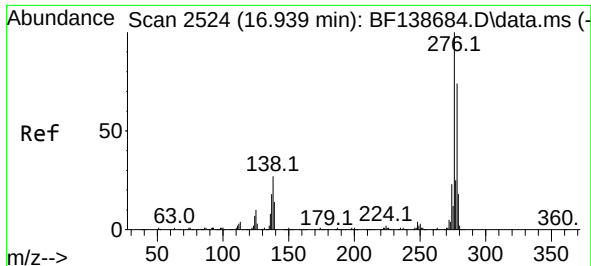
Lab File: BF138702.D

Acq: 31 Jul 2024 15:00

Tgt Ion:264 Resp: 115512

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.2	17.0	25.6





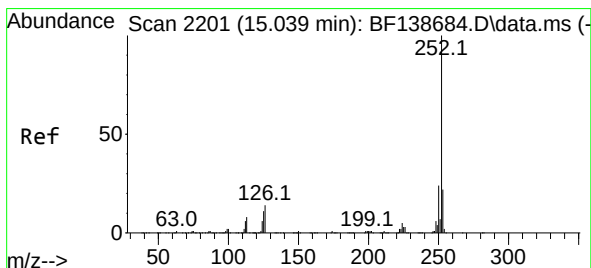
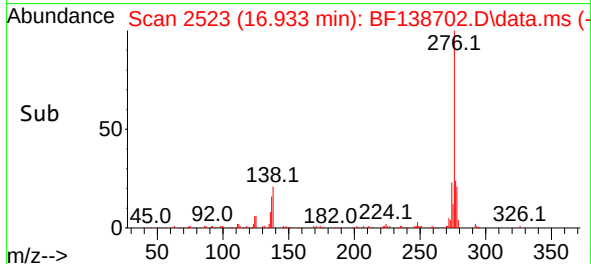
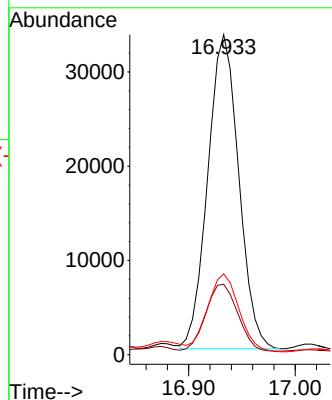
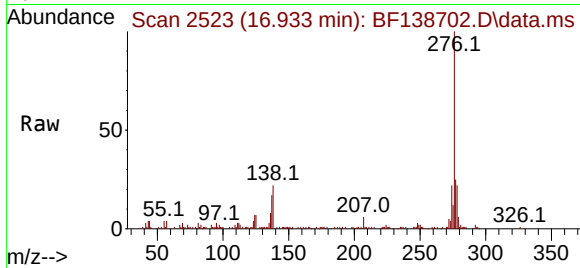
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.131 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

Instrument :
BNA_F
ClientSampleId :
WC-7-Full Waste Class

Tgt Ion:276 Resp: 6730
Ion Ratio Lower Upper
276 100
138 22.7 21.8 32.8
277 25.1 20.6 30.8

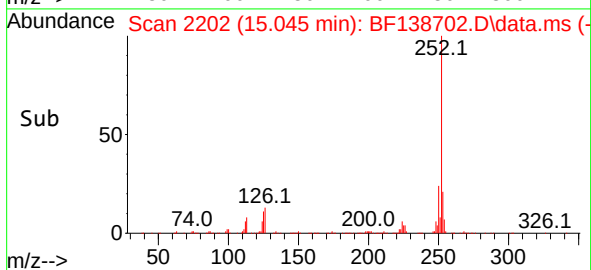
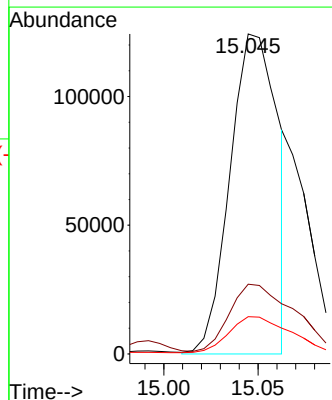
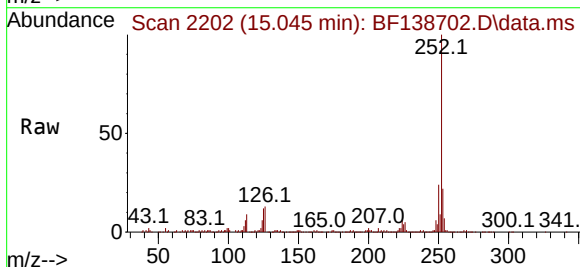
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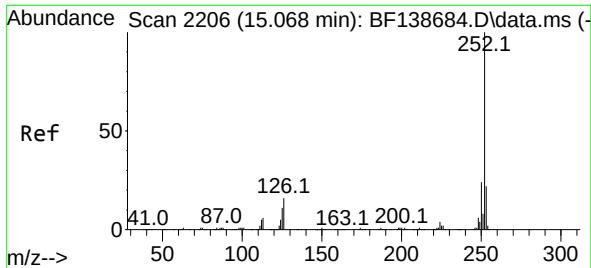
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#88
Benzo(b)fluoranthene
Concen: 30.615 ng m
RT: 15.045 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

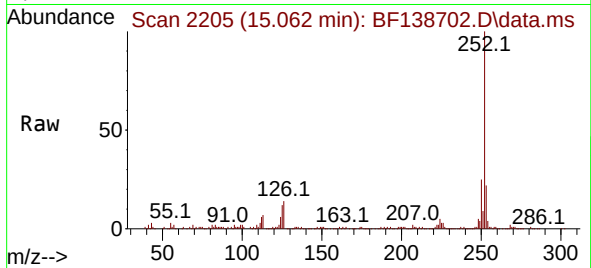
Tgt Ion:252 Resp: 219220
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.6 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 11.662 ng m
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

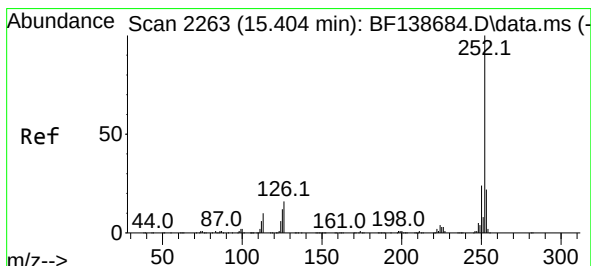
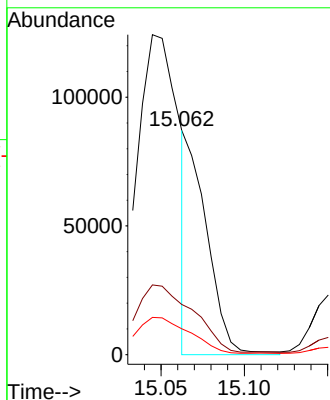
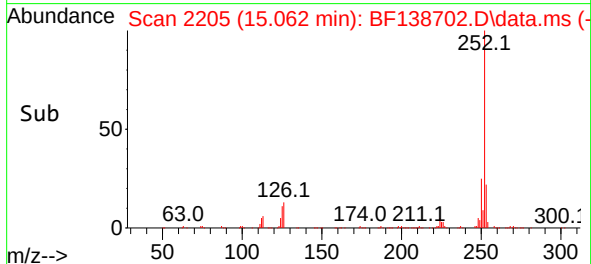
Instrument :
BNA_F
ClientSampleId :
WC-7-Full Waste Class



Tgt Ion:252 Resp: 72304
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 11.5 8.6 13.0

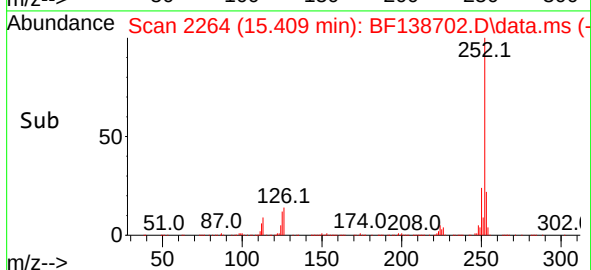
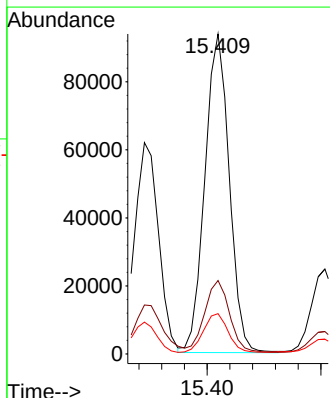
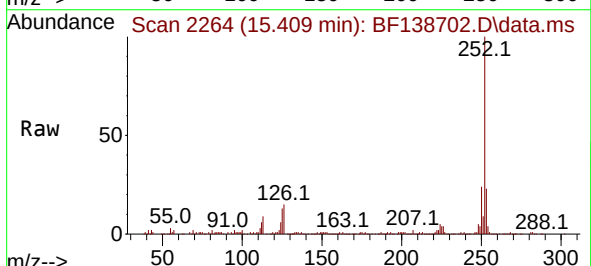
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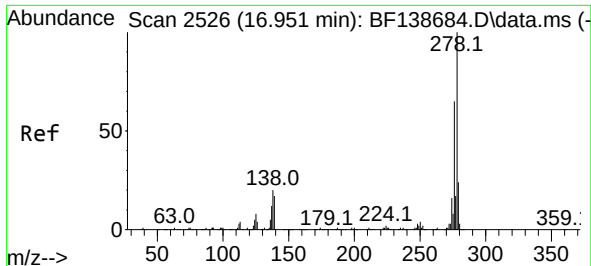
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#90
Benzo(a)pyrene
Concen: 23.205 ng
RT: 15.409 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

Tgt Ion:252 Resp: 139767
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 12.6 9.5 14.3





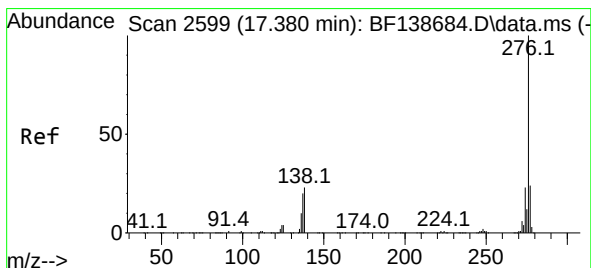
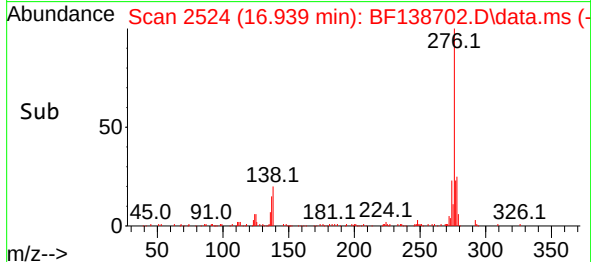
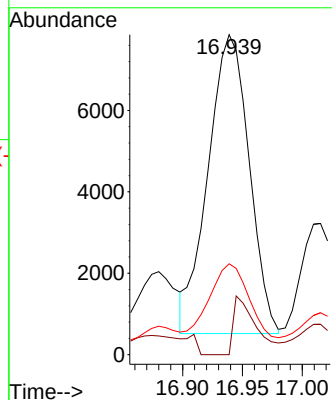
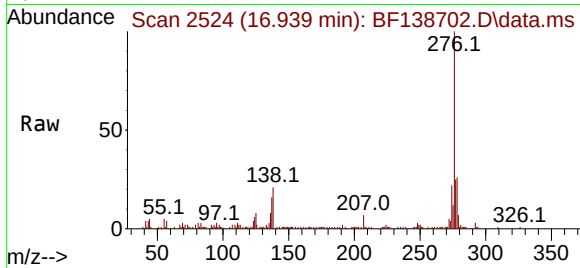
#91
Dibenzo(a,h)anthracene
Concen: 2.589 ng m
RT: 16.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

Instrument :
BNA_F
ClientSampleId :
WC-7-Full Waste Class

Tgt Ion:278 Resp: 17590
Ion Ratio Lower Upper
278 100
139 0.0 14.0 21.0
279 28.4 19.0 28.4

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



#92
Benzo(g,h,i)perylene
Concen: 8.786 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138702.D
Acq: 31 Jul 2024 15:00

Tgt Ion:276 Resp: 61952
Ion Ratio Lower Upper
276 100
277 25.5 19.0 28.4
138 24.1 18.5 27.7

