

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138700.D
 Acq On : 31 Jul 2024 13:59
 Operator : RC/JU
 Sample : P3376-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-Full Waste Class

Manual Integrations
 APPROVED

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

Quant Time: Jul 31 14:26:53 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	6.846	152	54270	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	200520	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	92287	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	149393	20.000	ng	0.00
76) Chrysene-d12	14.004	240	132113	20.000	ng	0.00
86) Perylene-d12	15.469	264	112613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	288712	82.121	ng	0.00
7) Phenol-d6	6.475	99	373917	79.217	ng	-0.01
23) Nitrobenzene-d5	7.404	82	244228	59.548	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	59468	78.666	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	360249	58.651	ng	0.00
79) Terphenyl-d14	12.945	244	366266	46.417	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	45512	5.916	ng	99
75) Fluoranthene	12.575	202	106551	14.837	ng	100
78) Pyrene	12.804	202	98011	7.879	ng	99
81) Benzo(a)anthracene	13.992	228	57820	6.356	ng	98
83) Chrysene	14.027	228	49183	5.992	ng	95
87) Indeno(1,2,3-cd)pyrene	16.927	276	16572	2.053	ng	# 93
88) Benzo(b)fluoranthene	15.039	252	58312m	8.353	ng	
89) Benzo(k)fluoranthene	15.057	252	19644m	3.250	ng	
90) Benzo(a)pyrene	15.404	252	34927	5.948	ng	96
92) Benzo(g,h,i)perylene	17.368	276	18248	2.654	ng	96

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

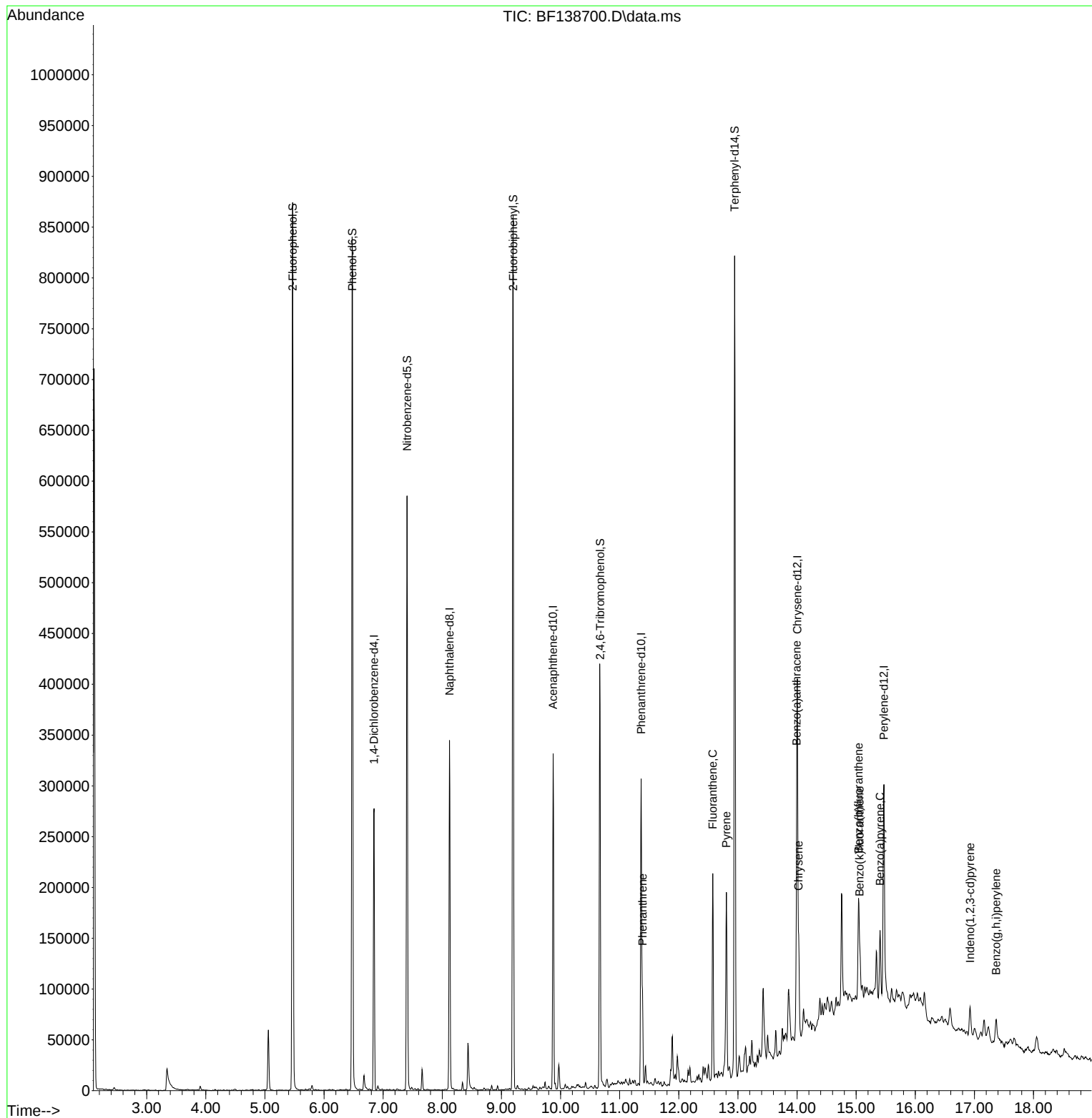
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138700.D
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WC-8-Full Waste Class

Quant Time: Jul 31 14:26:53 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
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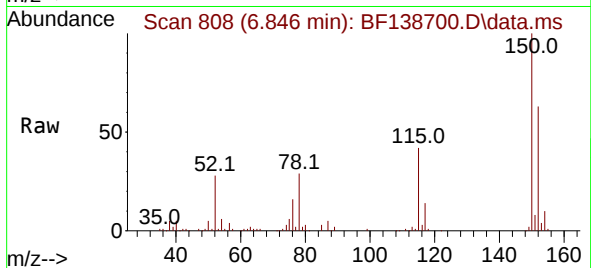
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

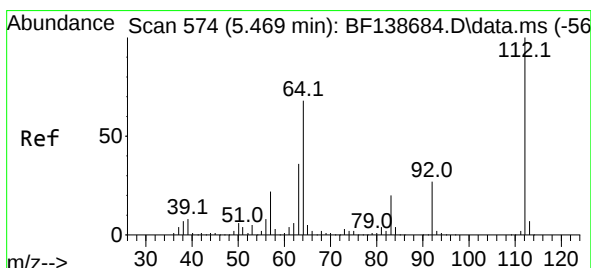
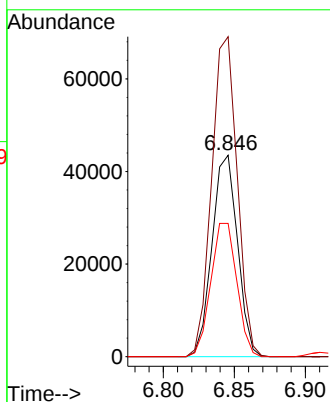
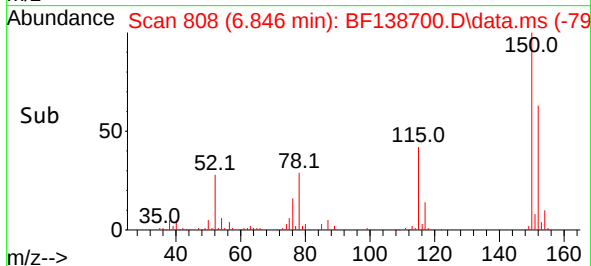
Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class



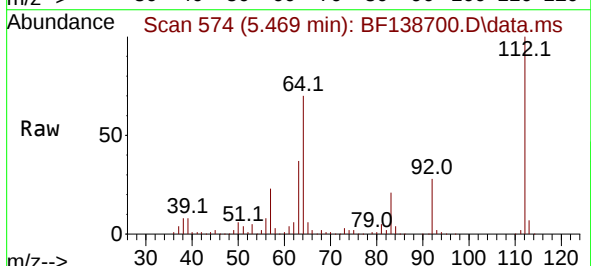
Tgt Ion:152 Resp: 54270
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 66.2 51.7 77.5

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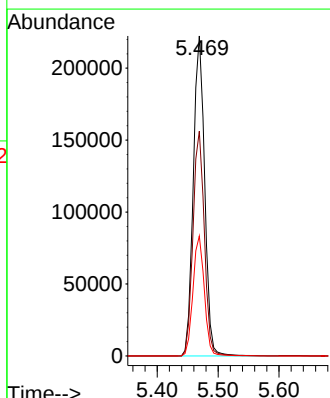
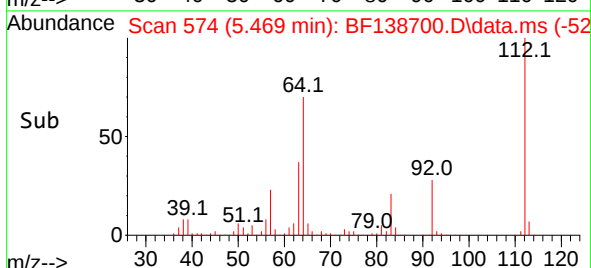
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#5
2-Fluorophenol
Concen: 82.121 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59



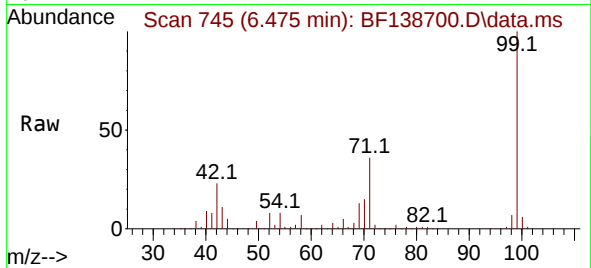
Tgt Ion:112 Resp: 288712
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 37.5 28.7 43.1





#7
Phenol-d6
Concen: 79.217 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

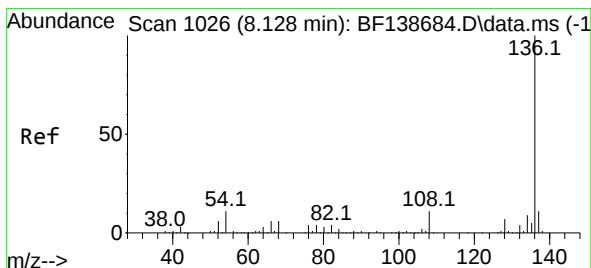
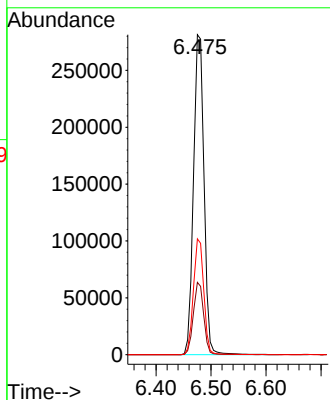
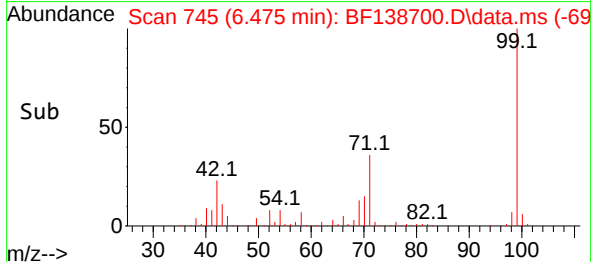
Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class



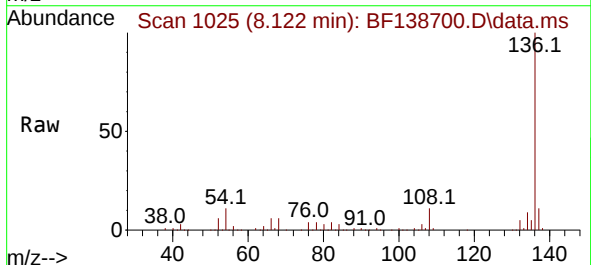
Tgt Ion: 99 Resp: 37391
Ion Ratio Lower Upper
99 100
42 22.6 17.4 26.0
71 36.2 28.1 42.1

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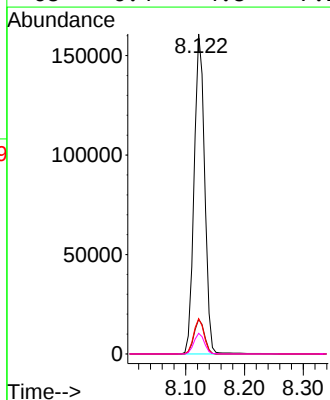
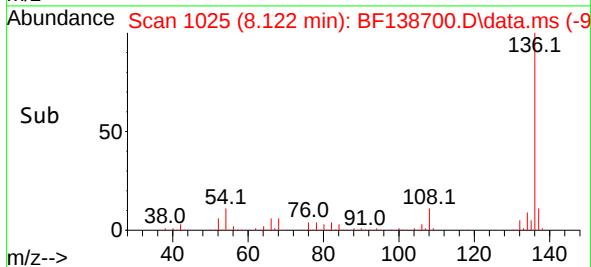
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

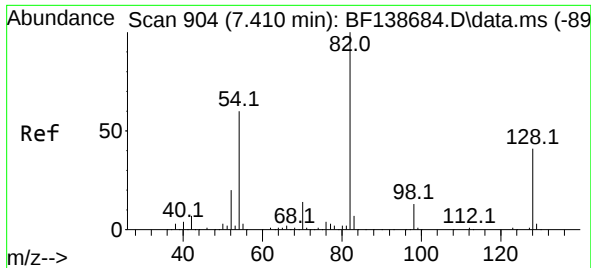


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59



Tgt Ion:136 Resp: 200520
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 11.0 8.6 12.8
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 59.548 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138700.D

Acq: 31 Jul 2024 13:59

Instrument :

BNA_F

ClientSampleId :

WC-8-Full Waste Class

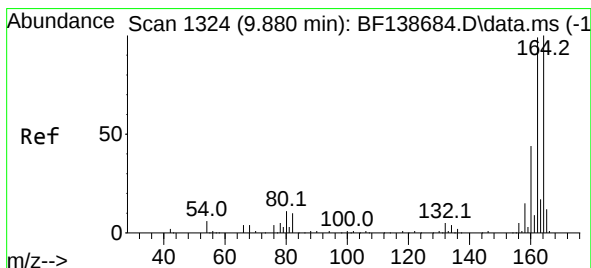
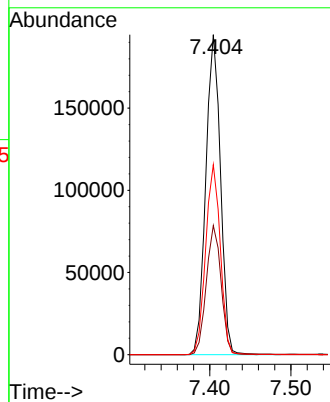
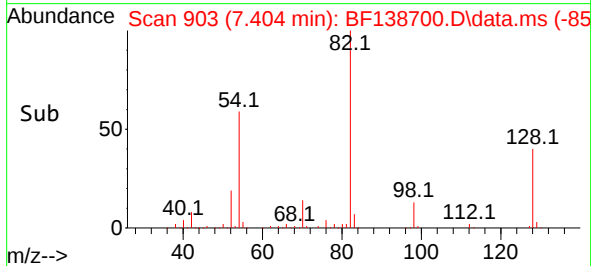
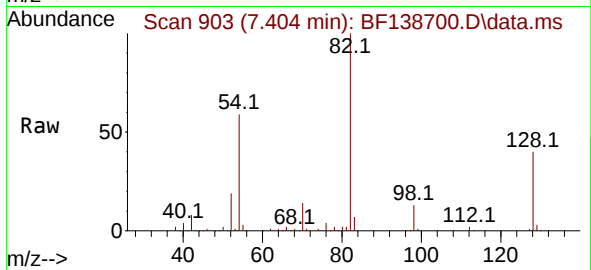
Tgt Ion: 82 Resp: 244228

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.8	49.2
54	59.3	48.3	72.5

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Supervised By :mohammad ahmed 08/03/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

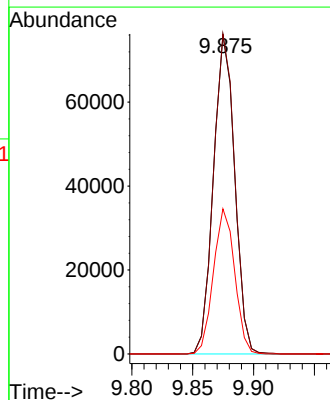
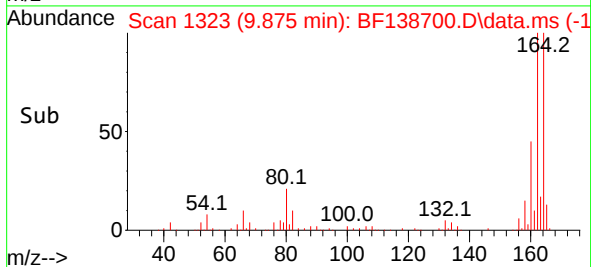
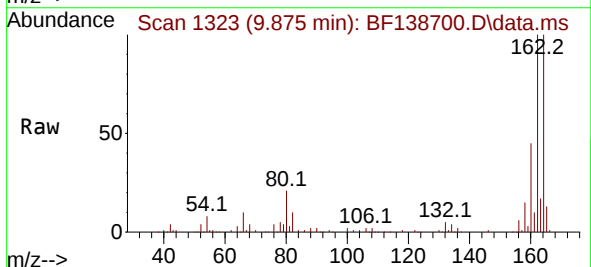
Delta R.T. -0.005 min

Lab File: BF138700.D

Acq: 31 Jul 2024 13:59

Tgt Ion:164 Resp: 92287

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.0
160	45.5	35.1	52.7





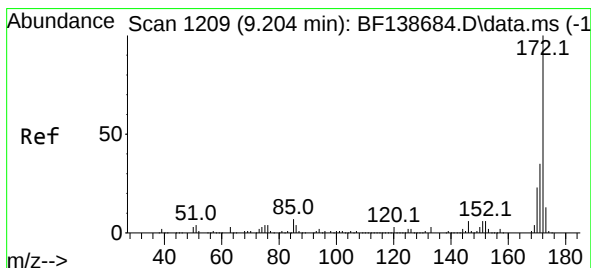
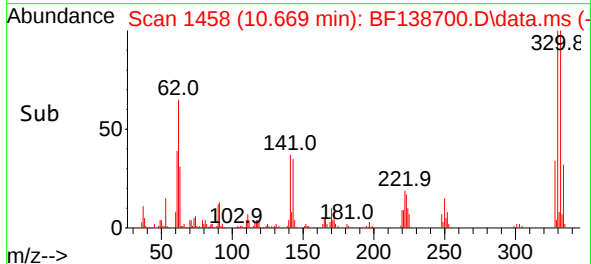
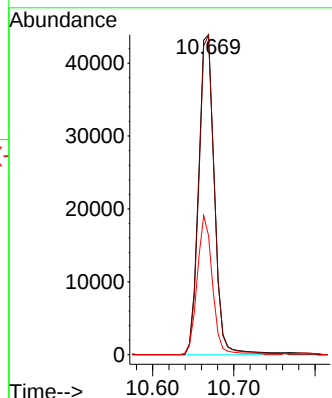
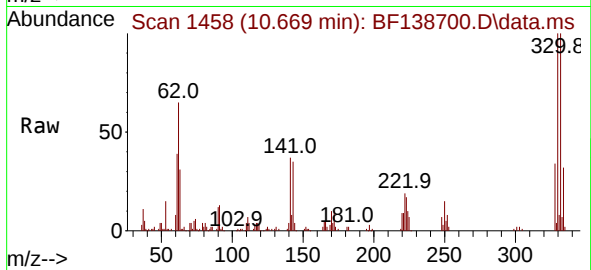
#42
2,4,6-Tribromophenol
Concen: 78.666 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Tgt Ion: 330 Resp: 59468
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 42.0 31.1 46.7

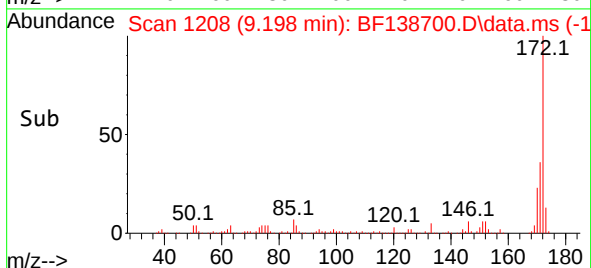
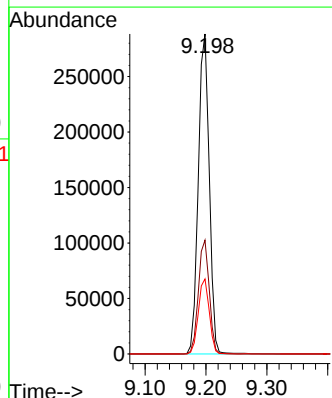
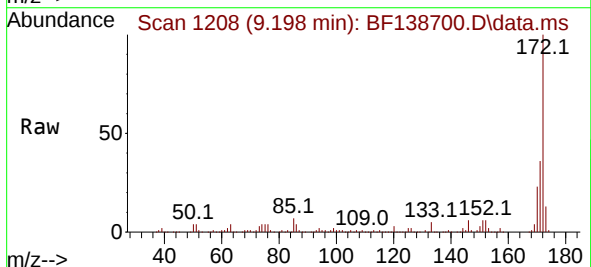
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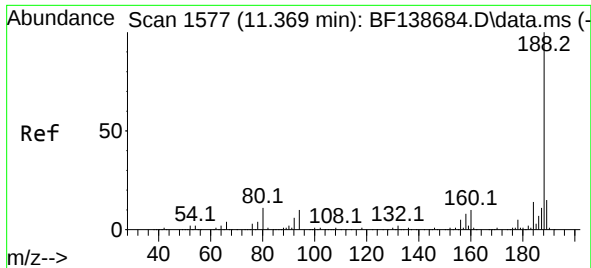
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#45
2-Fluorobiphenyl
Concen: 58.651 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

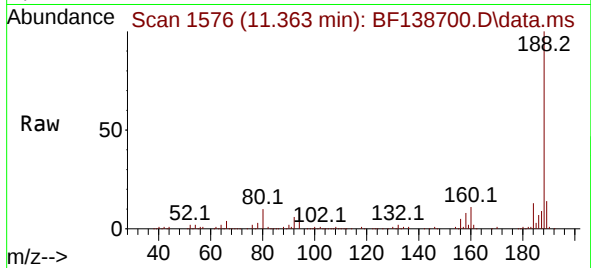
Tgt Ion: 172 Resp: 360249
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

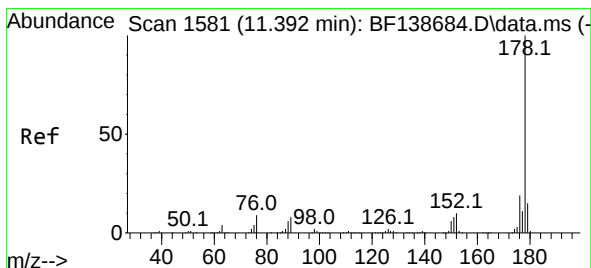
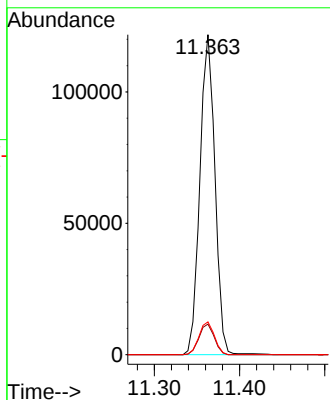
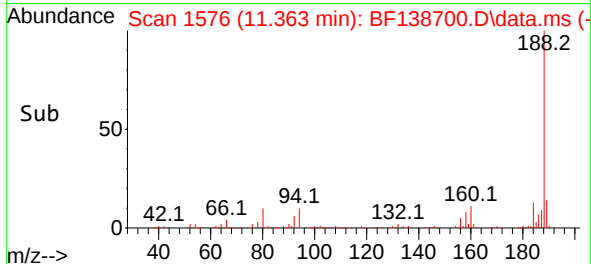
Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class



Tgt Ion:188 Resp: 14939
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.3 8.6 12.8

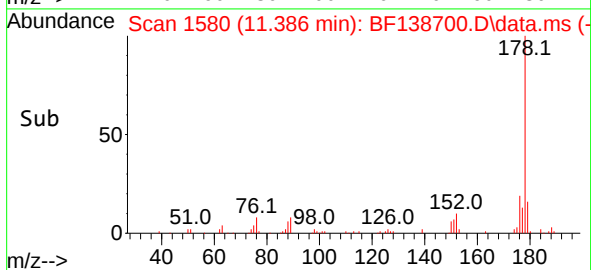
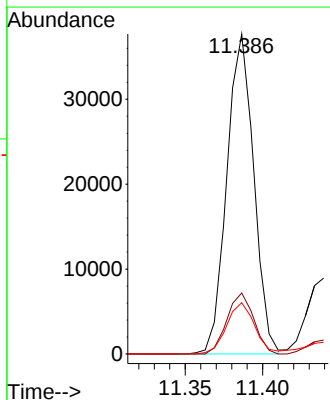
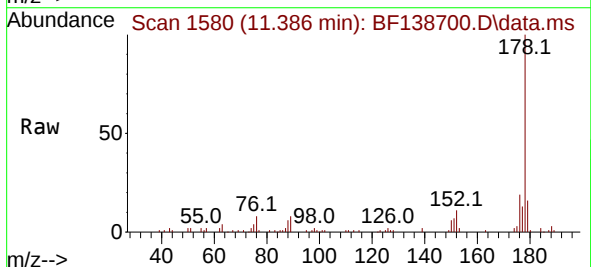
Manual Integrations
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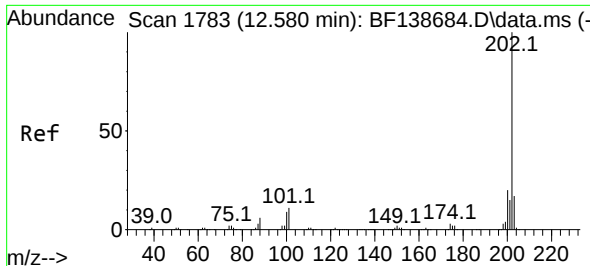
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#71
Phenanthrene
Concen: 5.916 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

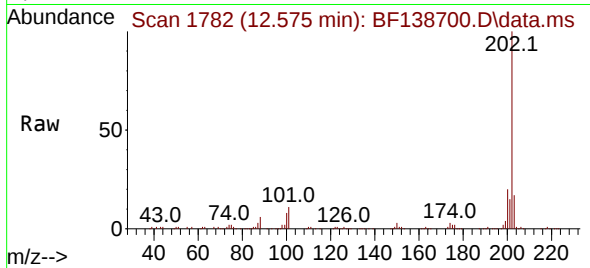
Tgt Ion:178 Resp: 45512
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 16.0 12.2 18.2





#75
Fluoranthene
Concen: 14.837 ng
RT: 12.575 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

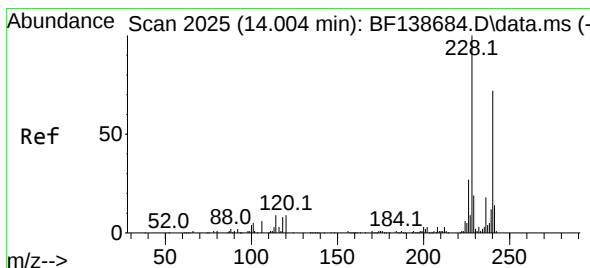
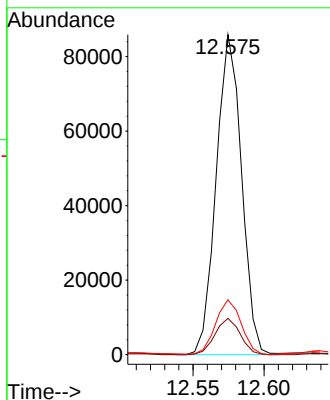
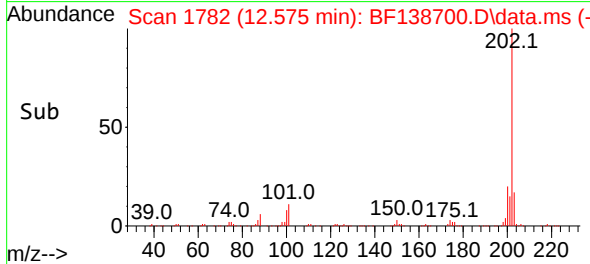
Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class



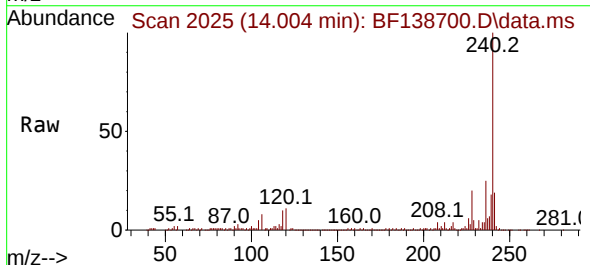
Tgt Ion:202 Resp: 10655
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.2
203 17.2 0.0 37.3

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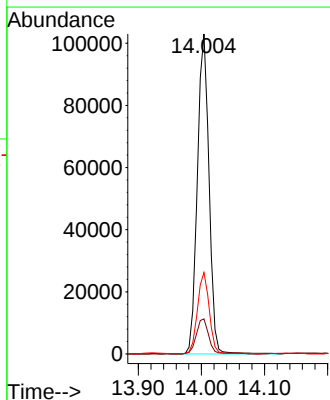
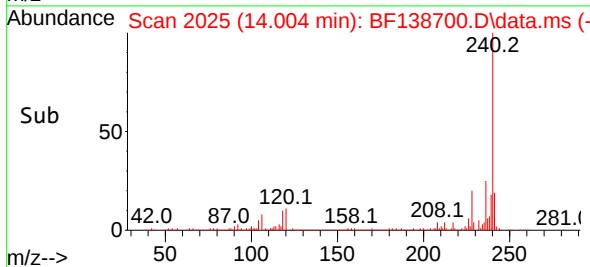
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

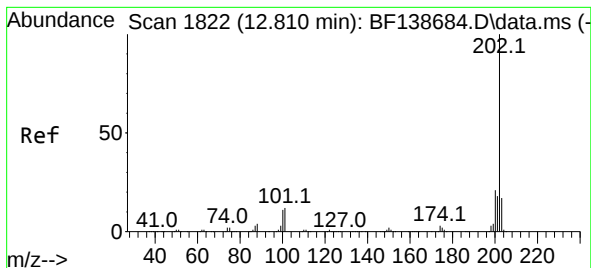


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59



Tgt Ion:240 Resp: 132113
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 25.5 19.8 29.8





#78

Pyrene

Concen: 7.879 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138700.D

Acq: 31 Jul 2024 13:59

Instrument :

BNA_F

ClientSampleId :

WC-8-Full Waste Class

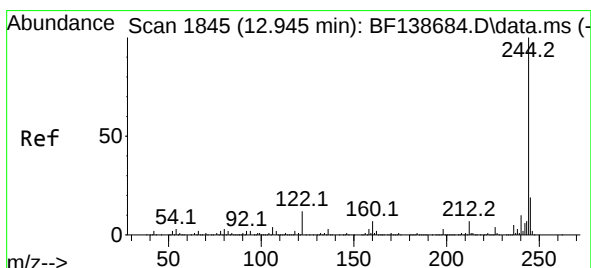
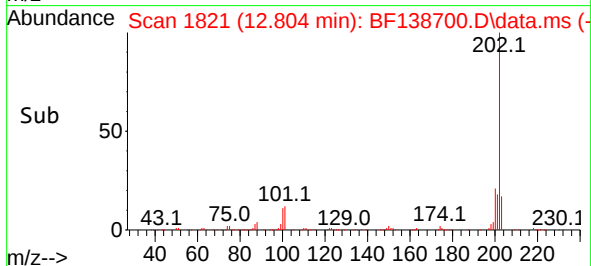
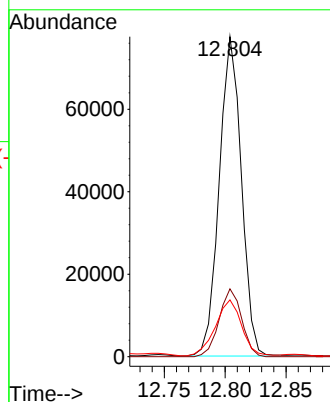
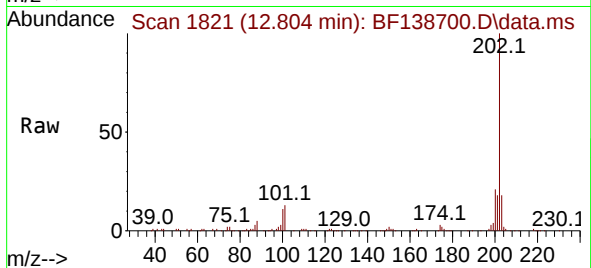
Tgt Ion:202 Resp: 9801

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.8	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: 46.417 ng

RT: 12.945 min Scan# 1845

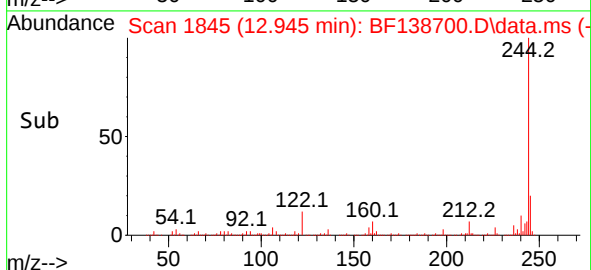
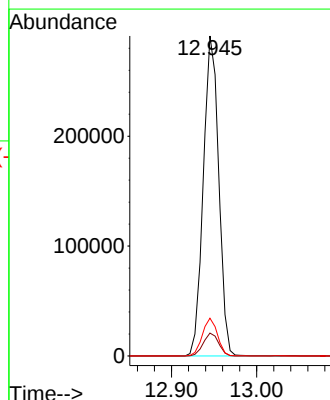
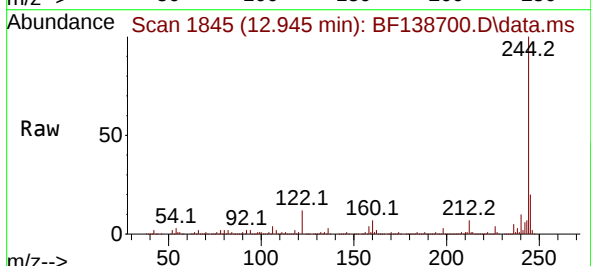
Delta R.T. 0.000 min

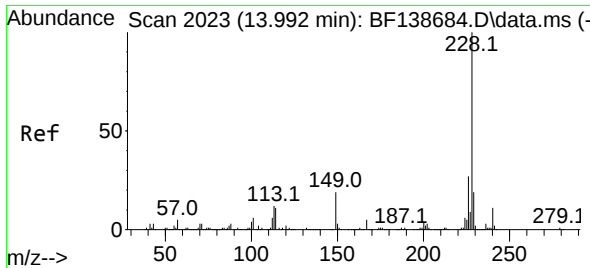
Lab File: BF138700.D

Acq: 31 Jul 2024 13:59

Tgt Ion:244 Resp: 366266

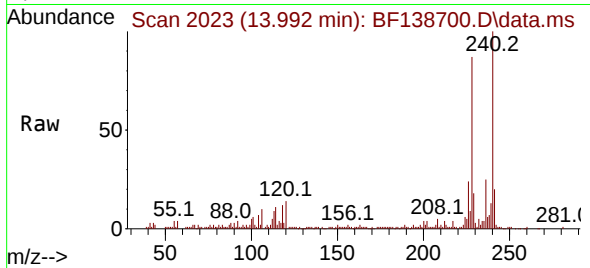
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.8	9.6	14.4





#81
Benzo(a)anthracene
Concen: 6.356 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

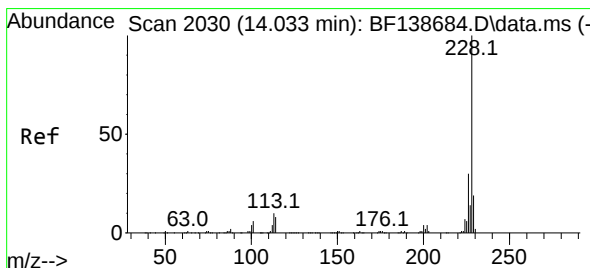
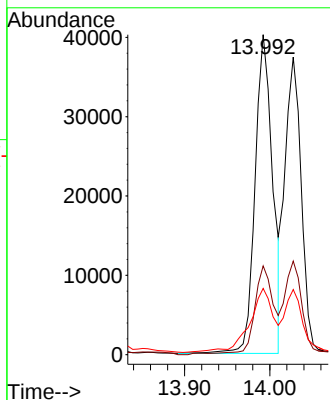
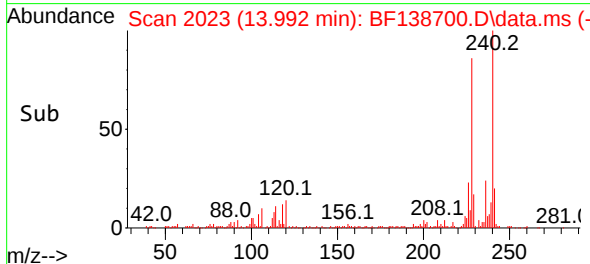
Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class



Tgt Ion:228 Resp: 57820
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.7 15.4 23.0

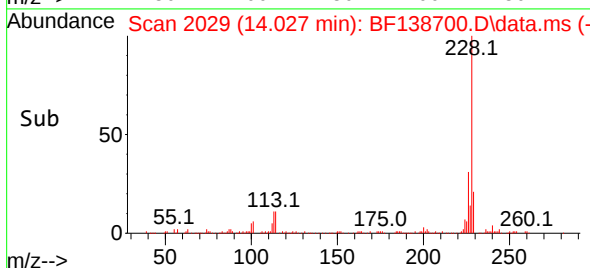
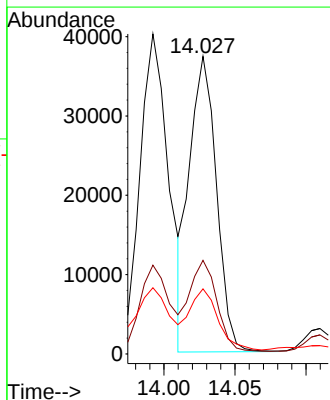
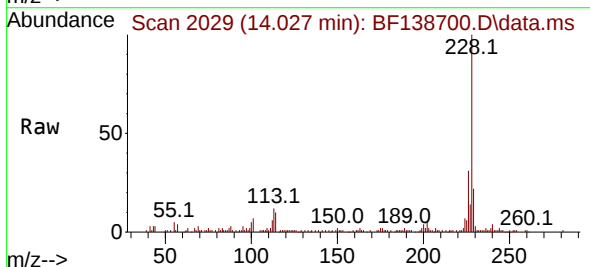
Manual Integrations
APPROVED

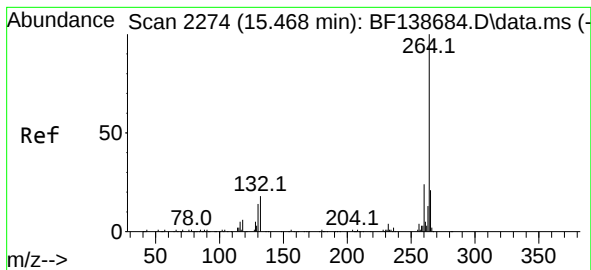
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#83
Chrysene
Concen: 5.992 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:228 Resp: 49183
Ion Ratio Lower Upper
228 100
226 31.5 23.7 35.5
229 21.9 15.0 22.6





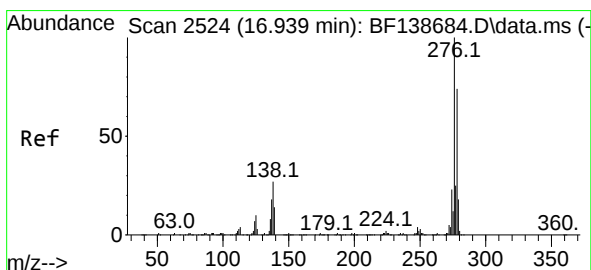
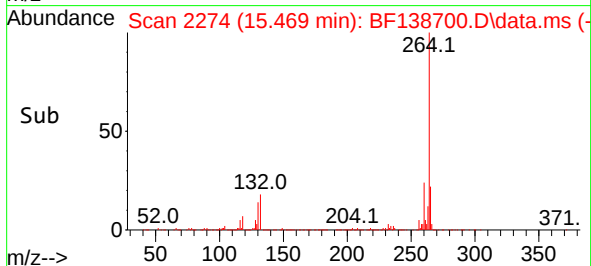
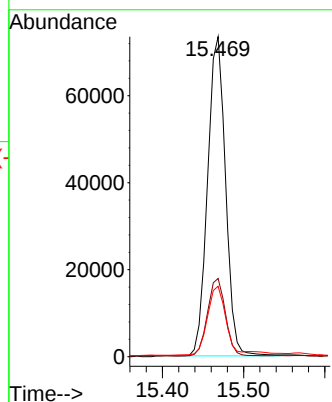
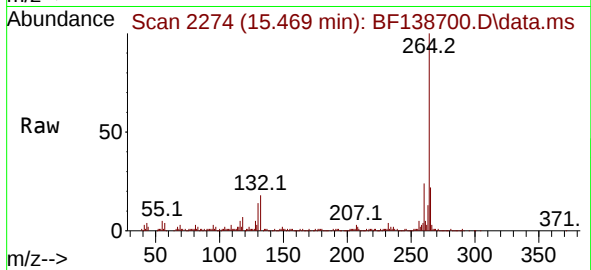
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.469 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Tgt Ion:264 Resp: 11261
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 22.0 17.0 25.6

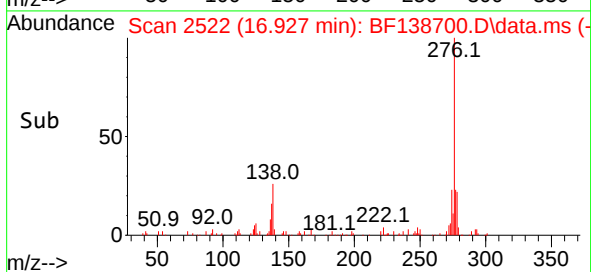
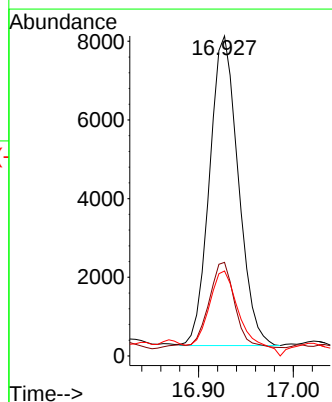
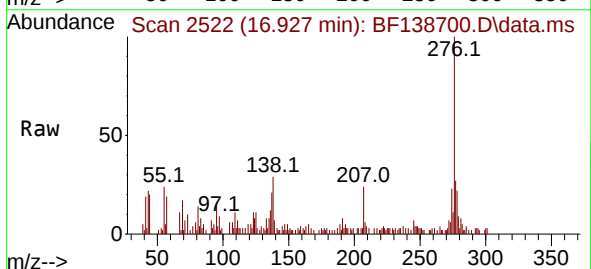
Manual Integrations
APPROVED

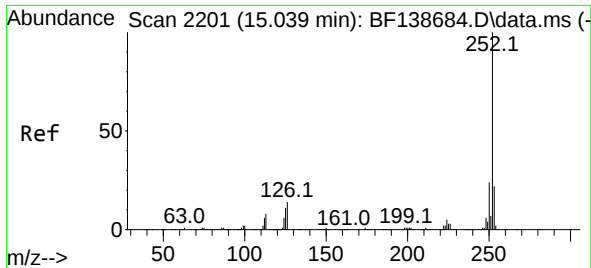
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.053 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:276 Resp: 16572
Ion Ratio Lower Upper
276 100
138 25.8 21.8 32.8
277 31.4 20.6 30.8#





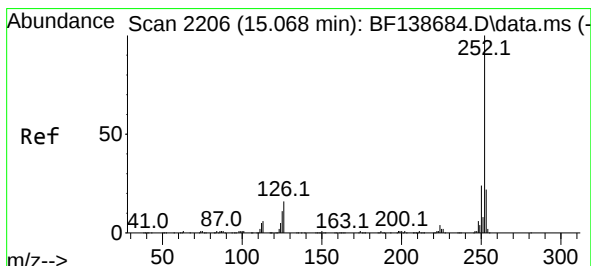
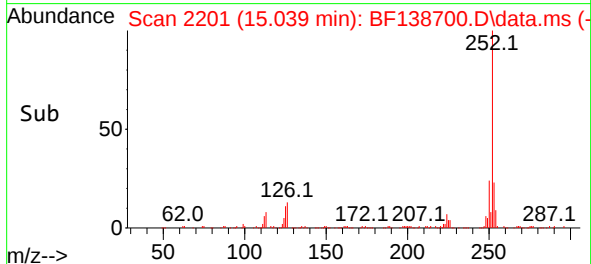
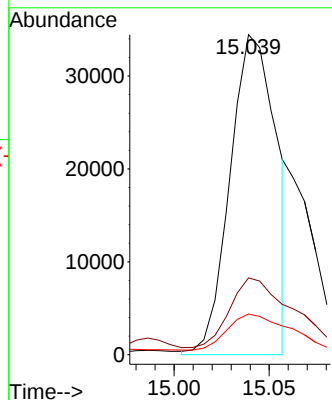
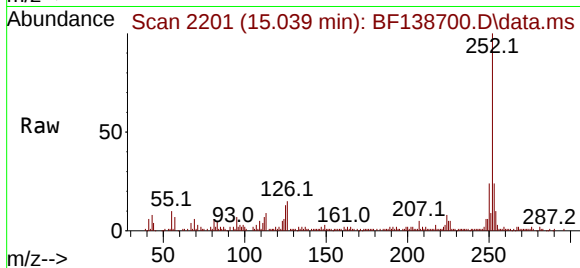
#88
Benzo(b)fluoranthene
Concen: 8.353 ng m
RT: 15.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Instrument :
BNA_F
ClientSampleId :
WC-8-Full Waste Class

Tgt Ion:252 Resp: 5831
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 12.7 8.9 13.3

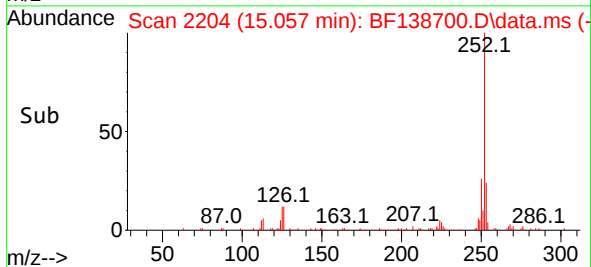
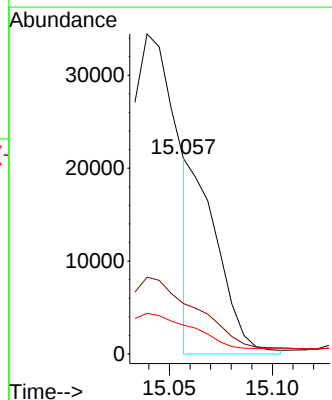
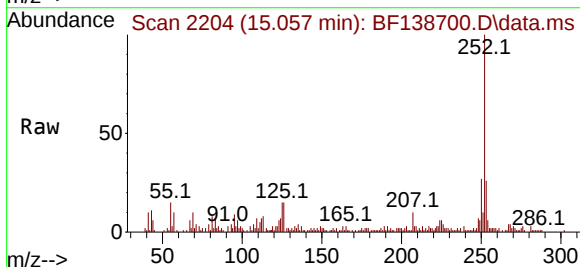
Manual Integrations
APPROVED

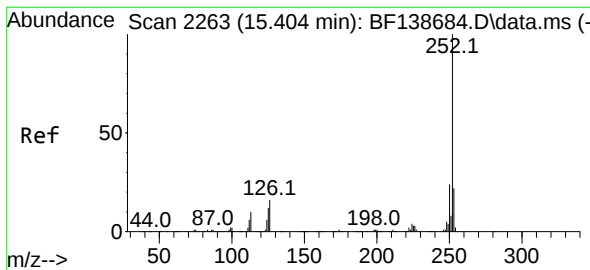
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#89
Benzo(k)fluoranthene
Concen: 3.250 ng m
RT: 15.057 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:252 Resp: 19644
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.0
125 14.8 8.6 13.0#





#90

Benzo(a)pyrene

Concen: 5.948 ng

RT: 15.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138700.D

Acq: 31 Jul 2024 13:59

Instrument :

BNA_F

ClientSampleId :

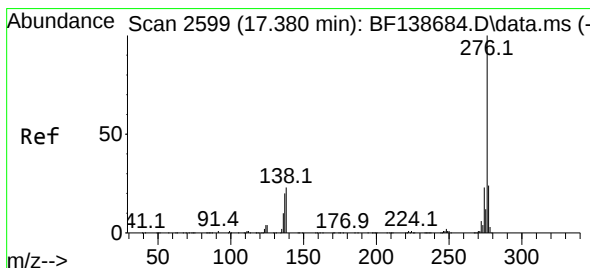
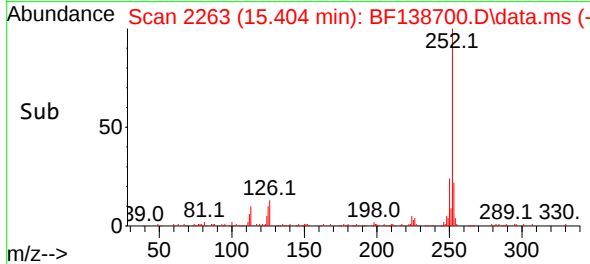
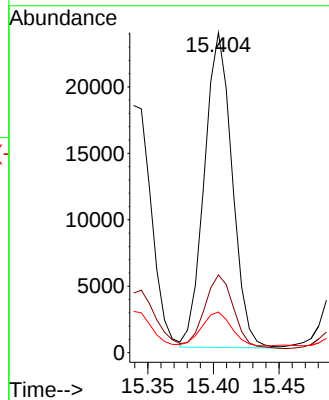
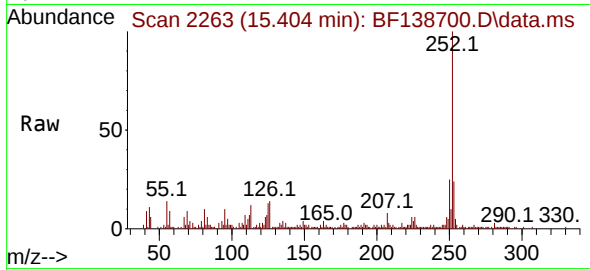
WC-8-Full Waste Class

Tgt Ion:	252	Resp:	3492
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.3	25.9
125	12.7	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: 2.654 ng

RT: 17.368 min Scan# 2597

Delta R.T. -0.012 min

Lab File: BF138700.D

Acq: 31 Jul 2024 13:59

Tgt Ion:	276	Resp:	18248
Ion Ratio	Lower	Upper	
276	100		
277	25.9	19.0	28.4
138	24.5	18.5	27.7

