

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138701.D
 Acq On : 31 Jul 2024 14:30
 Operator : RC/JU
 Sample : P3376-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6-Full Waste Class

Manual Integrations
 APPROVED

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

Quant Time: Jul 31 14:57:59 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	48467	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	174894	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	86048	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	154636	20.000	ng	0.00
76) Chrysene-d12	14.004	240	145183	20.000	ng	0.00
86) Perylene-d12	15.469	264	121102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	275878	87.866	ng	0.00
7) Phenol-d6	6.481	99	346923	82.298	ng	0.00
23) Nitrobenzene-d5	7.404	82	224785	62.838	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	70307	99.748	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	377252	65.873	ng	0.00
79) Terphenyl-d14	12.951	244	482832	55.681	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	20446	2.568	ng	99
75) Fluoranthene	12.575	202	75602	10.170	ng	99
78) Pyrene	12.804	202	70835	5.182	ng	98
81) Benzo(a)anthracene	13.992	228	42509	4.252	ng	95
83) Chrysene	14.027	228	41661	4.619	ng	96
84) Bis(2-ethylhexyl)phtha...	13.980	149	16338	2.549	ng	# 99
88) Benzo(b)fluoranthene	15.045	252	48686m	6.485	ng	
89) Benzo(k)fluoranthene	15.057	252	19658m	3.024	ng	
90) Benzo(a)pyrene	15.404	252	29424	4.660	ng	93
92) Benzo(g,h,i)perylene	17.374	276	17057	2.307	ng	99

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

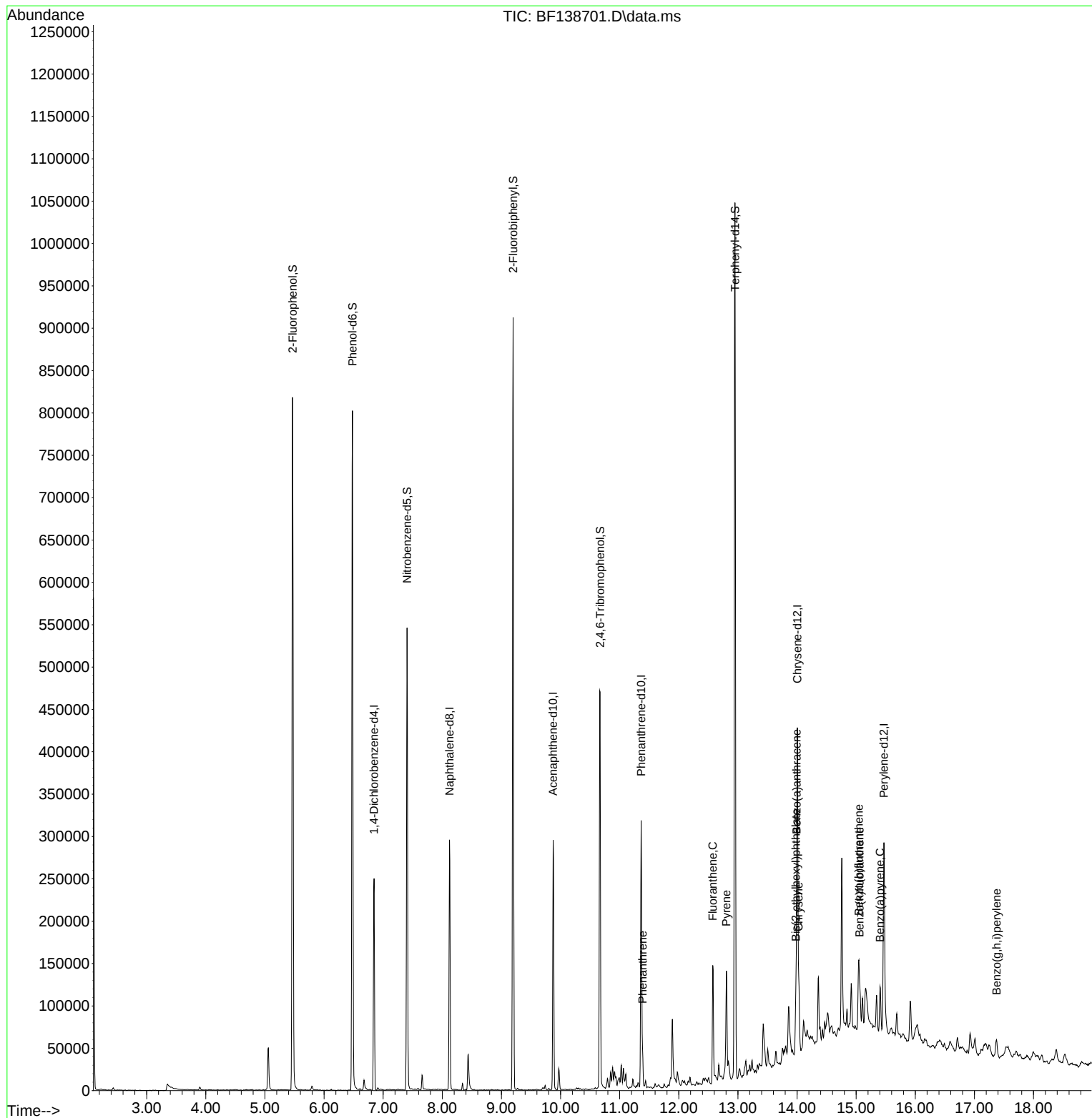
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138701.D
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Quant Time: Jul 31 14:57:59 2024
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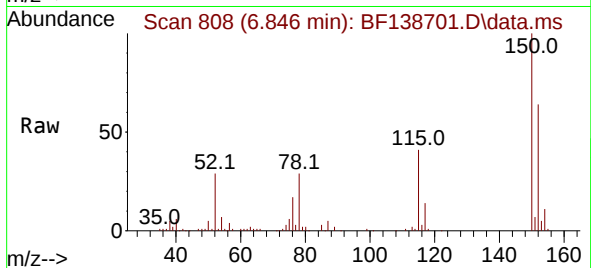
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

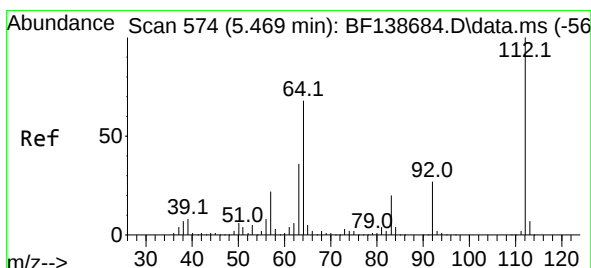
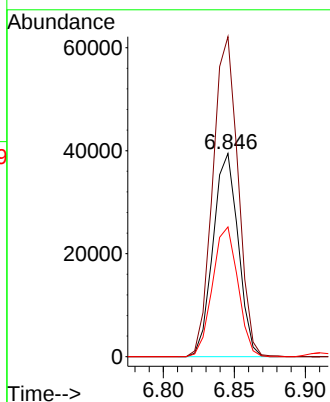
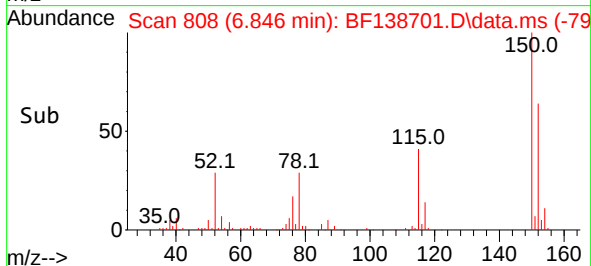
Instrument :
BNA_F
ClientSampleId :
WC-6-Full Waste Class



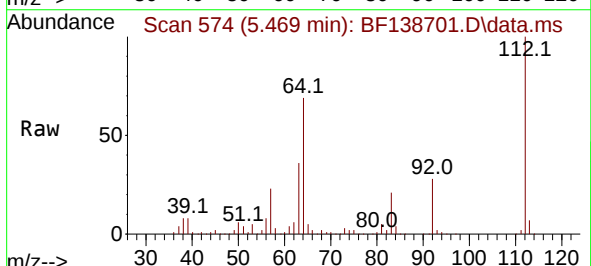
Tgt Ion:152 Resp: 4846
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 63.9 51.7 77.5

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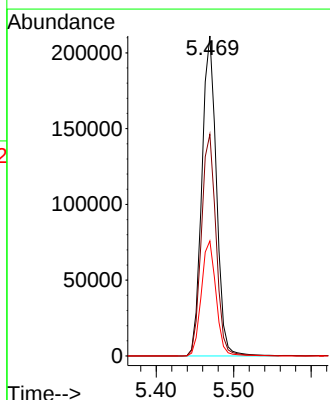
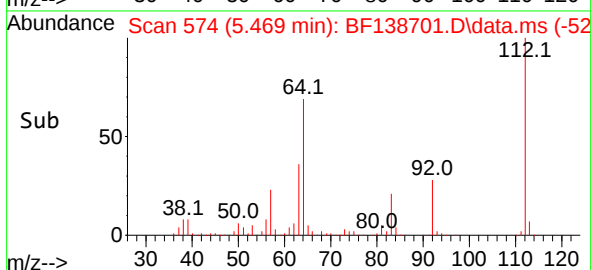
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#5
2-Fluorophenol
Concen: 87.866 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30



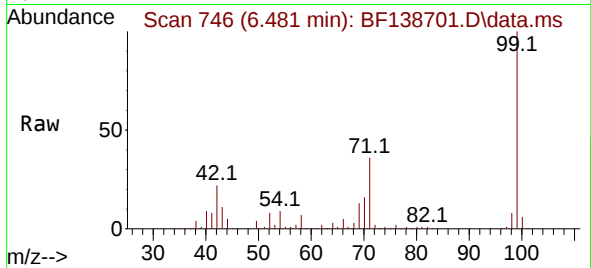
Tgt Ion:112 Resp: 275878
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 36.0 28.7 43.1





#7
Phenol-d6
Concen: 82.298 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

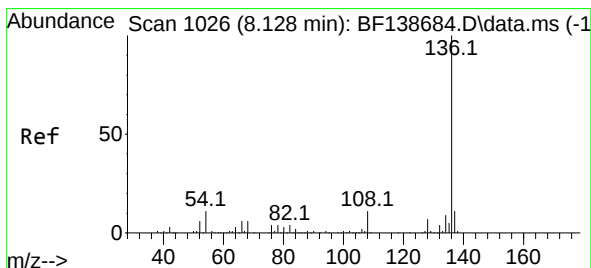
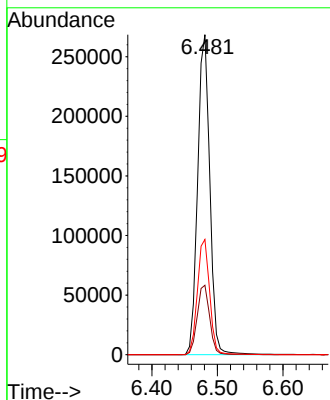
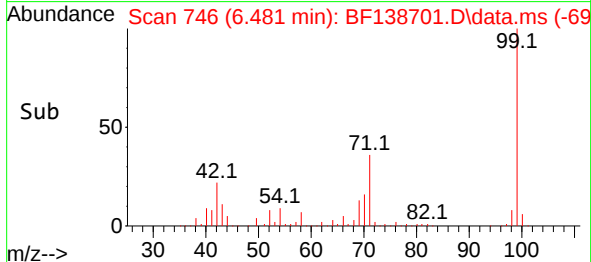
Instrument :
BNA_F
ClientSampleId :
WC-6-Full Waste Class



Tgt Ion: 99 Resp: 34692
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.0
71 36.0 28.1 42.1

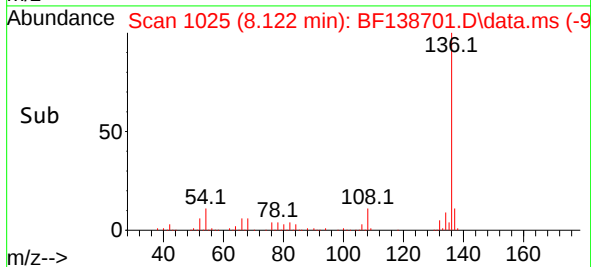
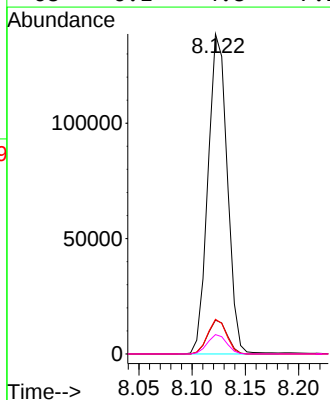
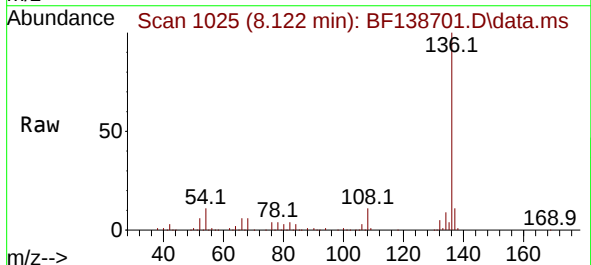
Manual Integrations
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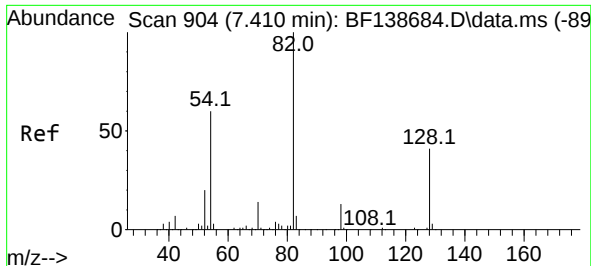
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

Tgt Ion:136 Resp: 174894
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.8 8.6 12.8
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 62.838 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138701.D

Acq: 31 Jul 2024 14:30

Instrument :

BNA_F

ClientSampleId :

WC-6-Full Waste Class

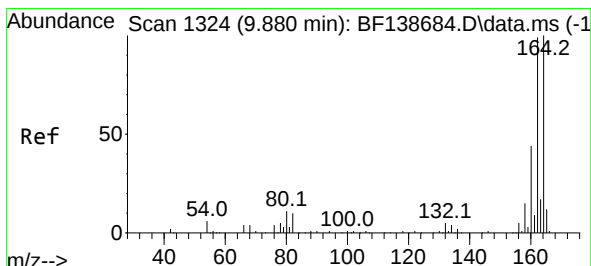
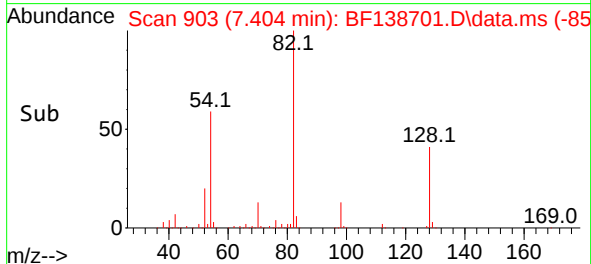
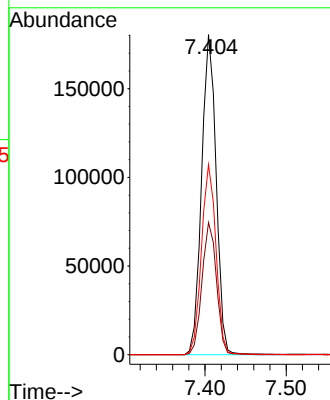
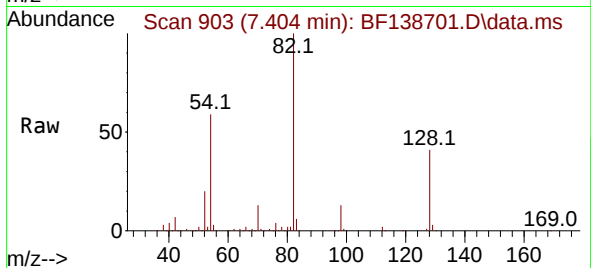
Tgt Ion: 82 Resp: 22478

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	59.4	48.3	72.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

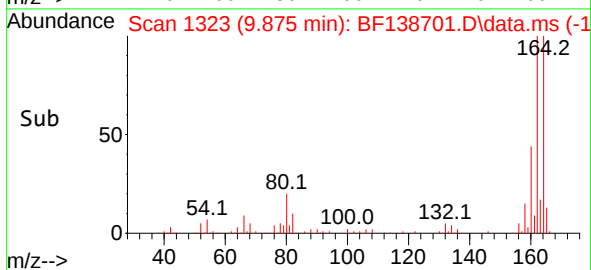
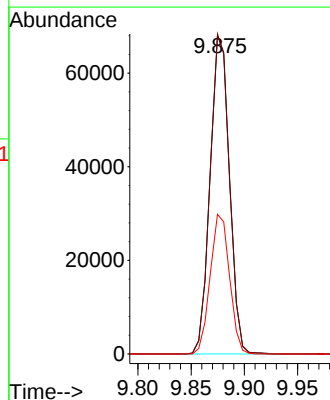
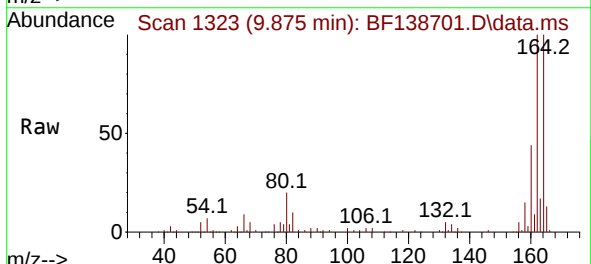
Delta R.T. -0.005 min

Lab File: BF138701.D

Acq: 31 Jul 2024 14:30

Tgt Ion:164 Resp: 86048

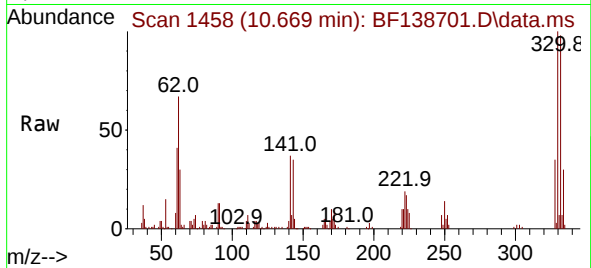
Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.4	119.0
160	43.9	35.1	52.7





#42
2,4,6-Tribromophenol
Concen: 99.748 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

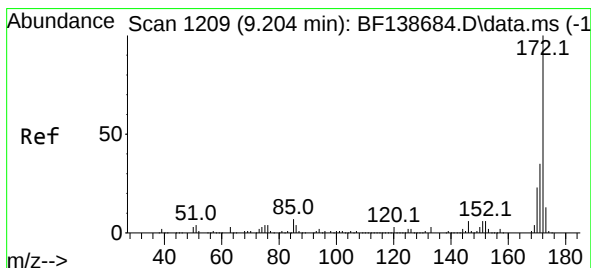
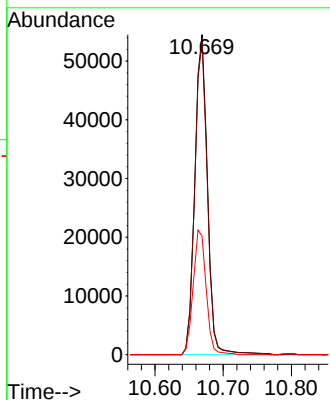
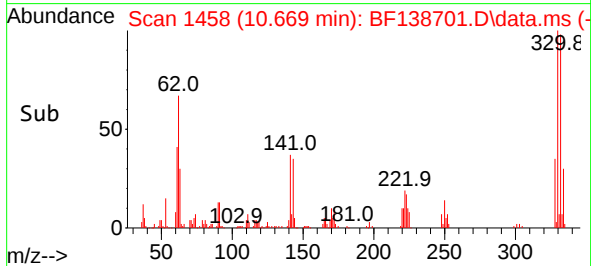
Instrument :
BNA_F
ClientSampleId :
WC-6-Full Waste Class



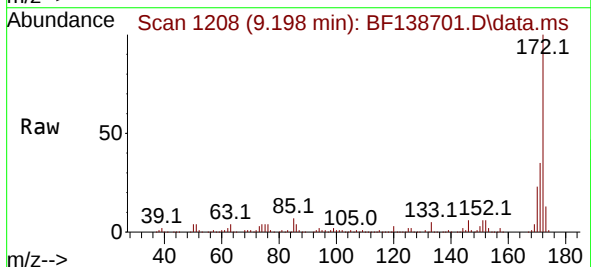
Tgt Ion:330 Resp: 7030
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 39.7 31.1 46.7

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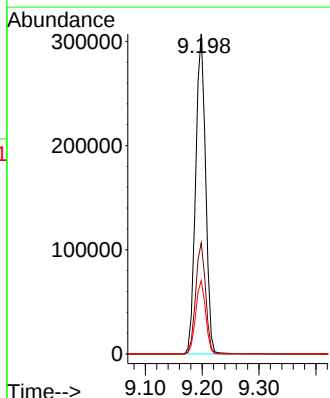
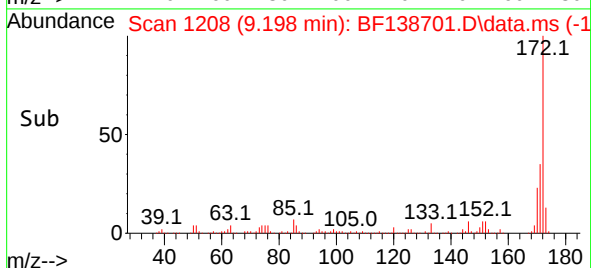
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#45
2-Fluorobiphenyl
Concen: 65.873 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30



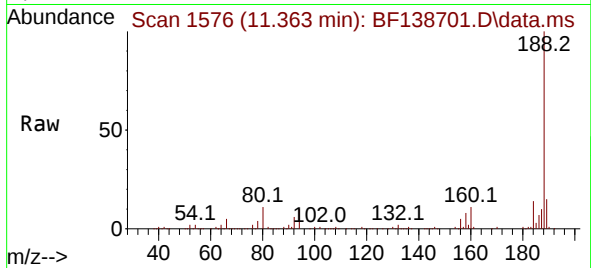
Tgt Ion:172 Resp: 377252
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

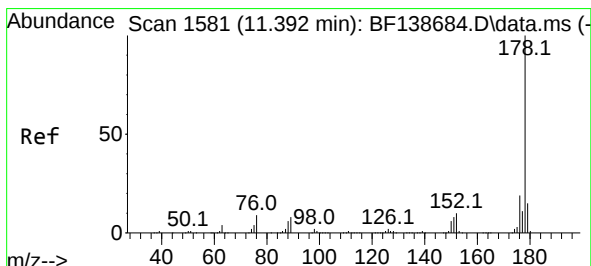
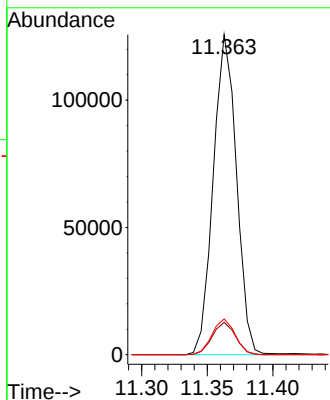
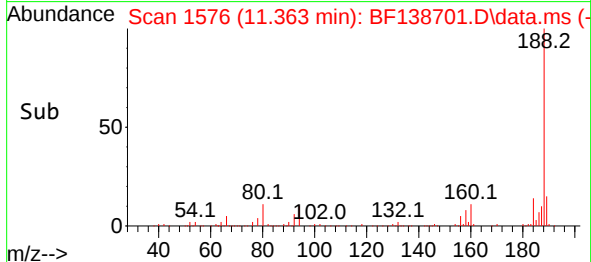
Instrument :
BNA_F
ClientSampleId :
WC-6-Full Waste Class



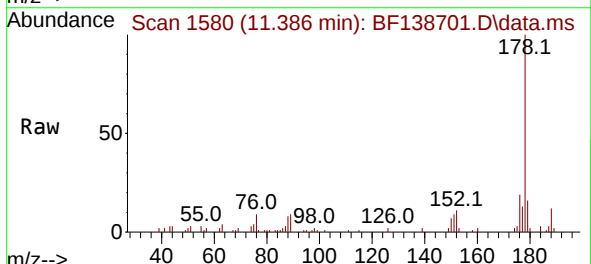
Tgt Ion:188 Resp: 154630
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 11.2 8.6 12.8

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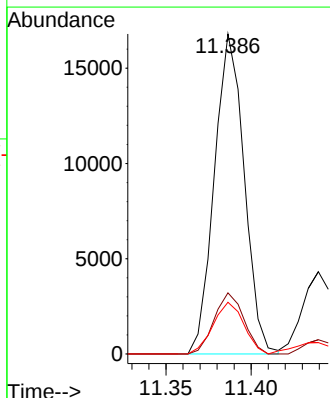
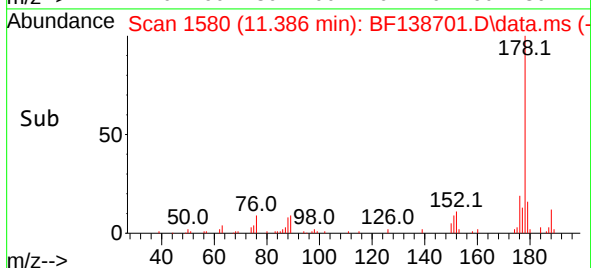
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

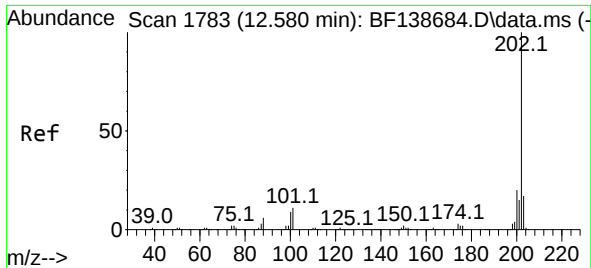


#71
Phenanthrene
Concen: 2.568 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30



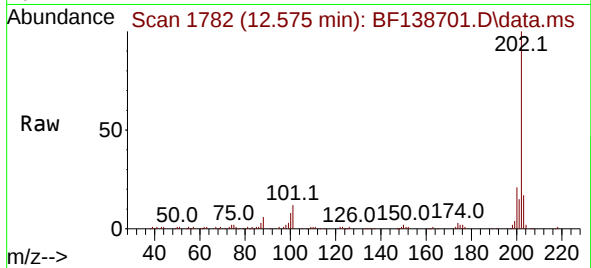
Tgt Ion:178 Resp: 20446
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.1 12.2 18.2





#75
Fluoranthene
Concen: 10.170 ng
RT: 12.575 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

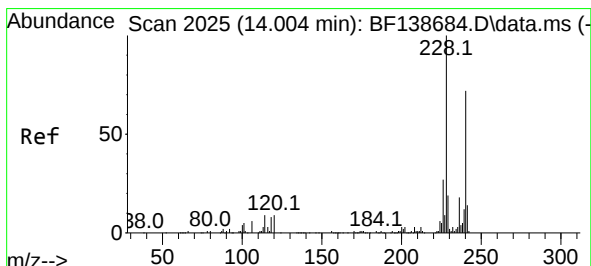
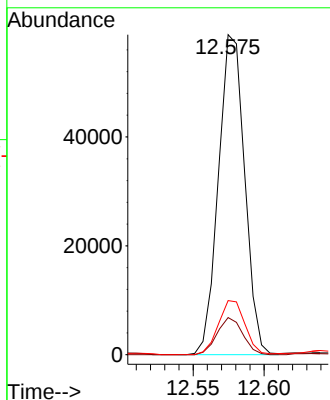
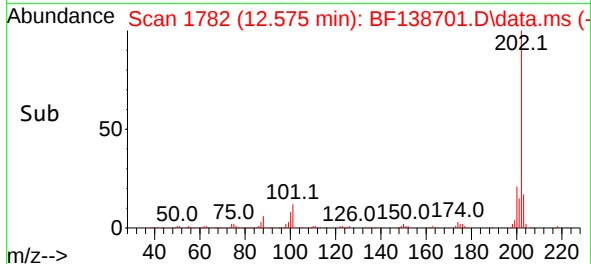
Instrument :
BNA_F
ClientSampleId :
WC-6-Full Waste Class



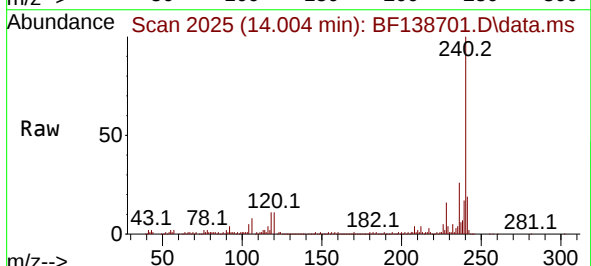
Tgt Ion:202 Resp: 75602
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.2
203 16.9 0.0 37.3

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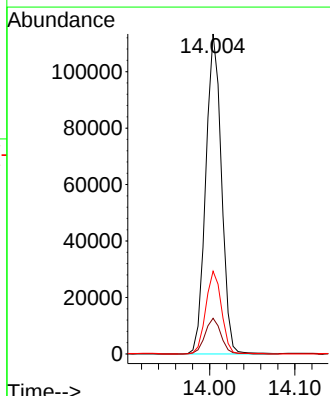
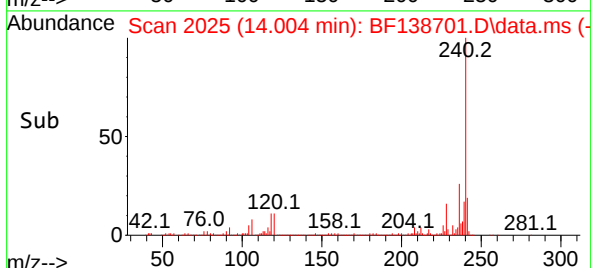
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

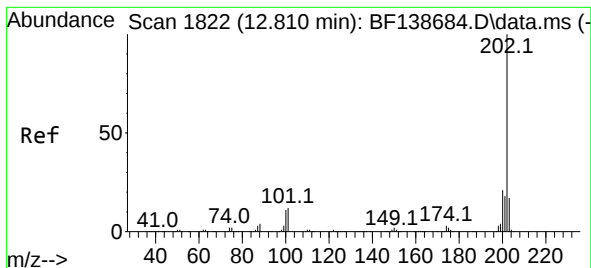


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30



Tgt Ion:240 Resp: 145183
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 25.9 19.8 29.8





#78

Pyrene

Concen: 5.182 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138701.D

Acq: 31 Jul 2024 14:30

Instrument :

BNA_F

ClientSampleId :

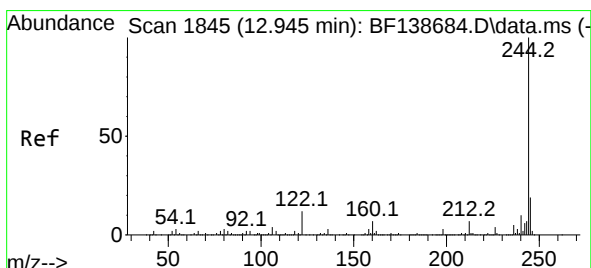
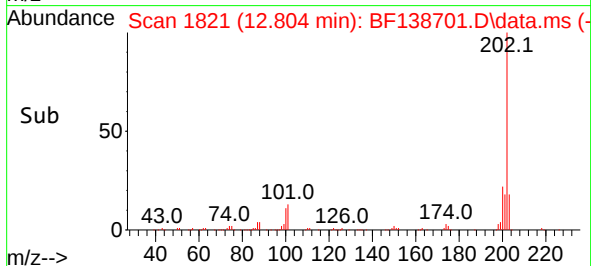
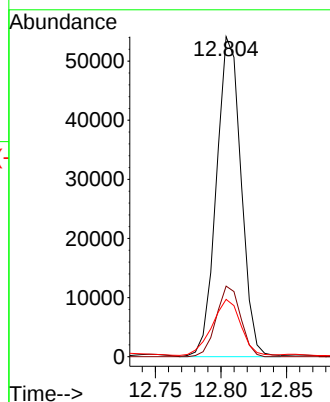
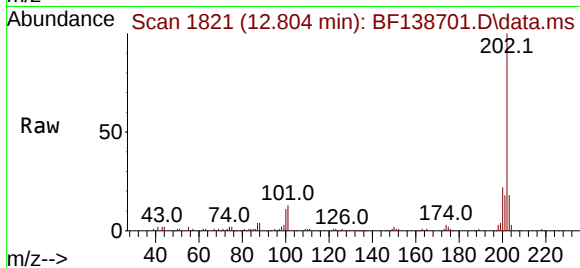
WC-6-Full Waste Class

Tgt Ion:202	Resp:	70835
Ion Ratio	Lower	Upper
202	100	
200	22.1	16.8 25.2
203	17.9	13.8 20.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/01/2024
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#79

Terphenyl-d14

Concen: 55.681 ng

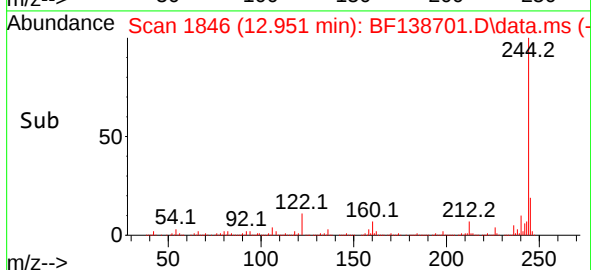
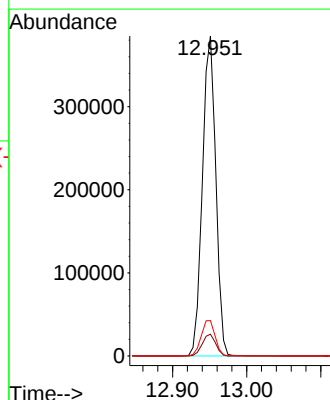
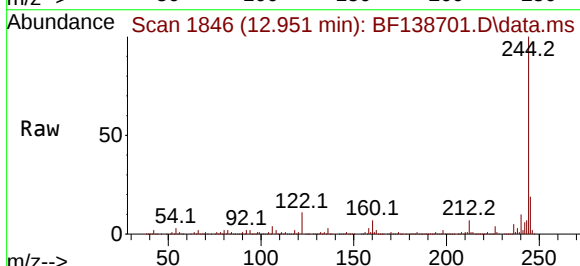
RT: 12.951 min Scan# 1846

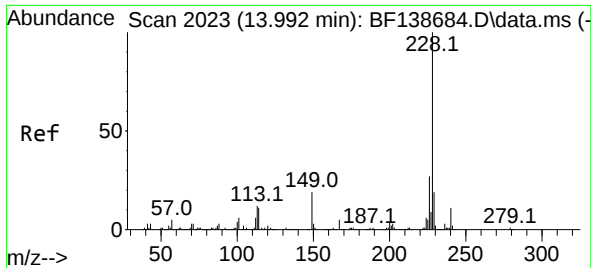
Delta R.T. 0.006 min

Lab File: BF138701.D

Acq: 31 Jul 2024 14:30

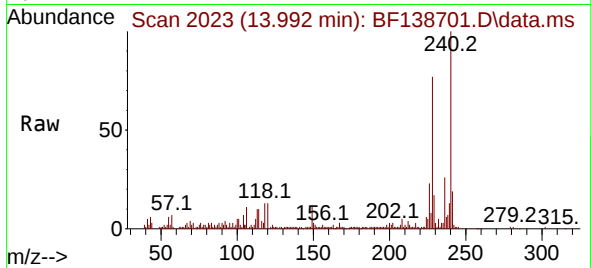
Tgt Ion:244	Resp:	482832
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.4 8.2
122	11.1	9.6 14.4





#81
Benzo(a)anthracene
Concen: 4.252 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

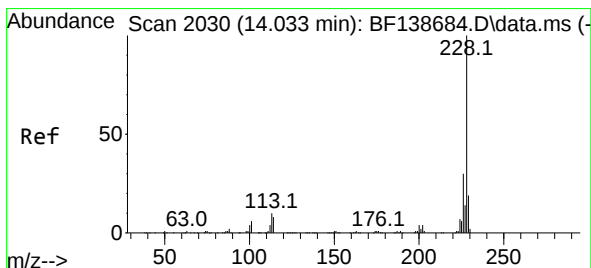
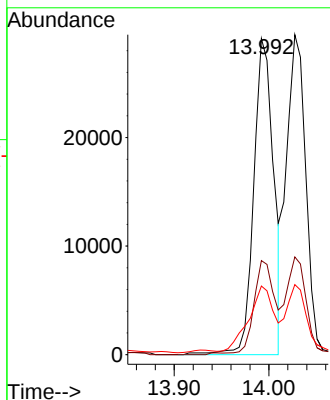
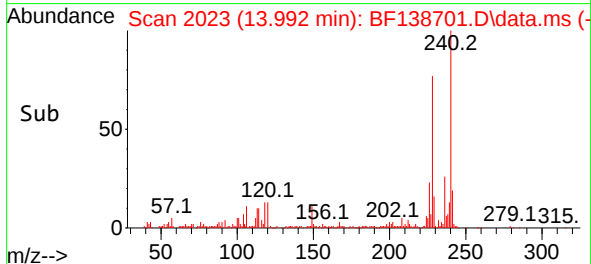
Instrument :
BNA_F
ClientSampleId :
WC-6-Full Waste Class



Tgt Ion:228 Resp: 42509
Ion Ratio Lower Upper
228 100
226 29.8 22.1 33.1
229 21.7 15.4 23.0

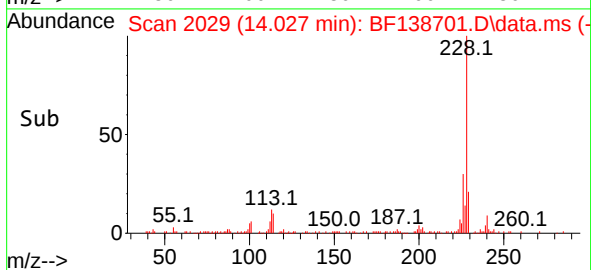
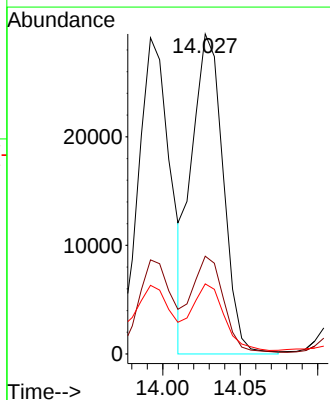
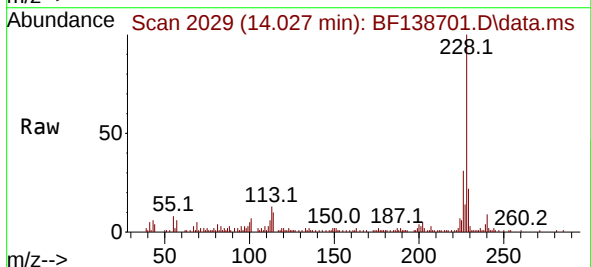
Manual Integrations
APPROVED

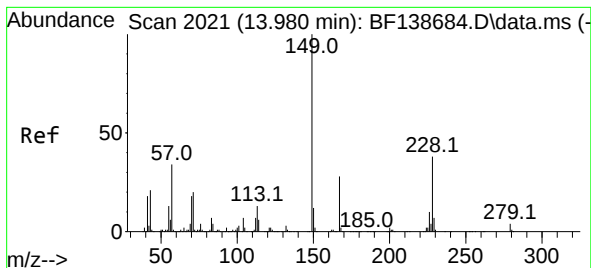
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#83
Chrysene
Concen: 4.619 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

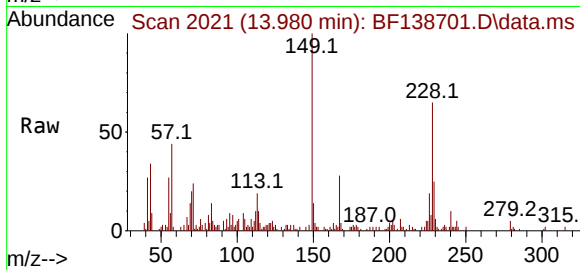
Tgt Ion:228 Resp: 41661
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 21.9 15.0 22.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.549 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

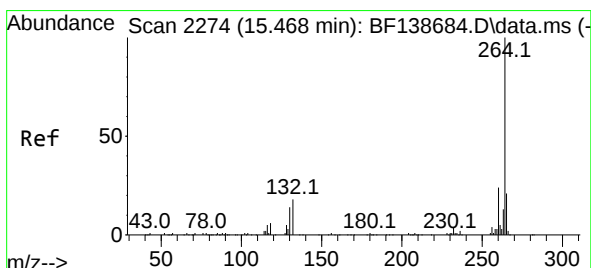
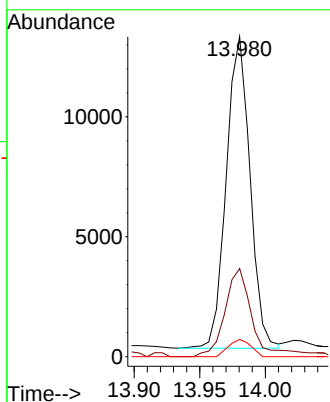
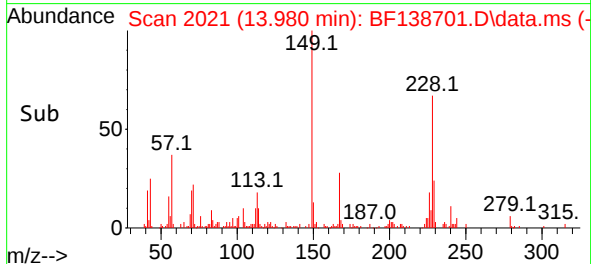
Instrument :
BNA_F
ClientSampleId :
WC-6-Full Waste Class



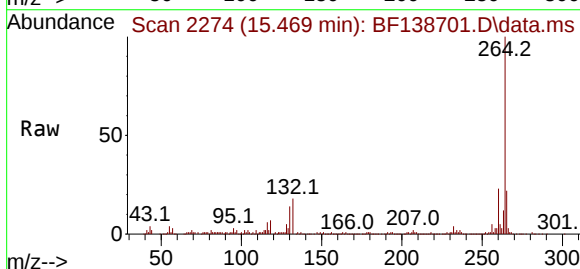
Tgt Ion:149 Resp: 16338
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 5.4 3.4 5.0

Manual Integrations
APPROVED

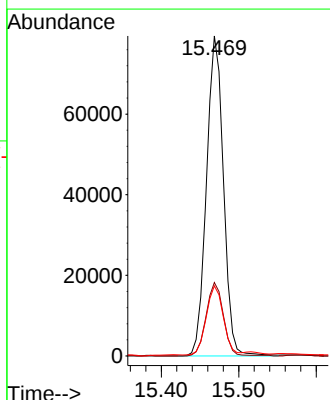
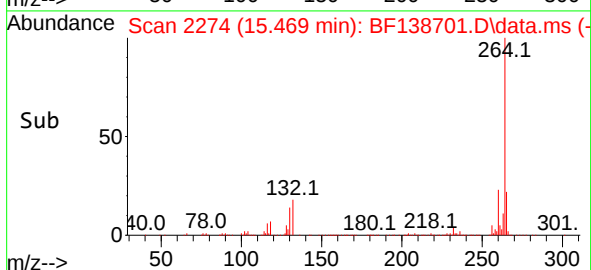
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024

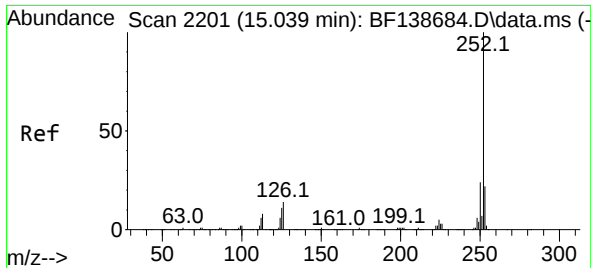


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.469 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30



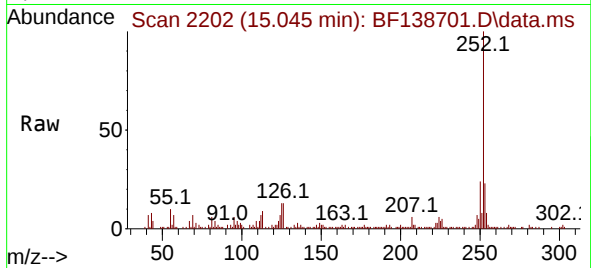
Tgt Ion:264 Resp: 121102
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 21.9 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 6.485 ng m
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

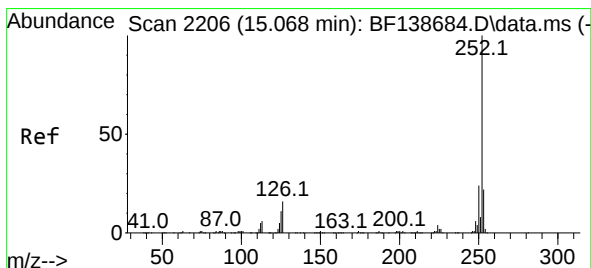
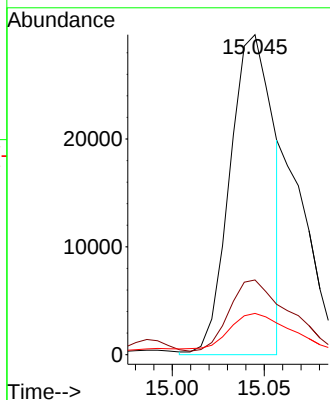
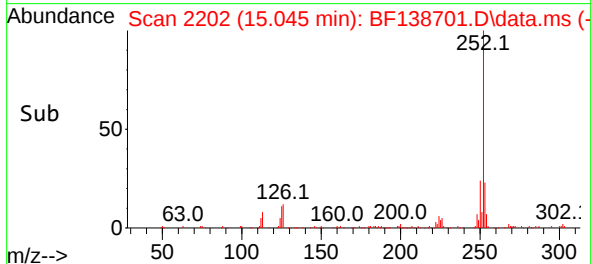
Instrument :
BNA_F
ClientSampleId :
WC-6-Full Waste Class



Tgt Ion:252 Resp: 4868
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.9 8.9 13.3

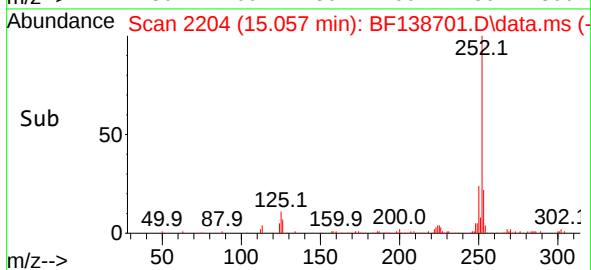
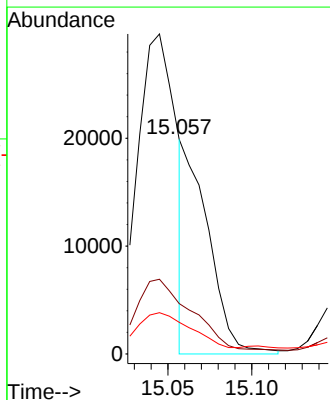
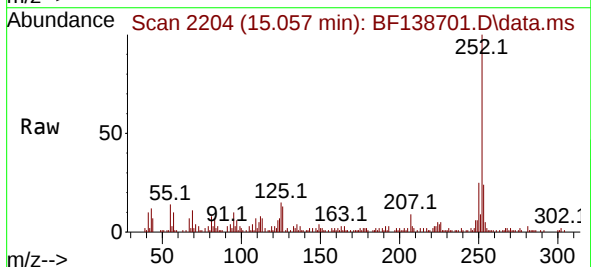
Manual Integrations
APPROVED

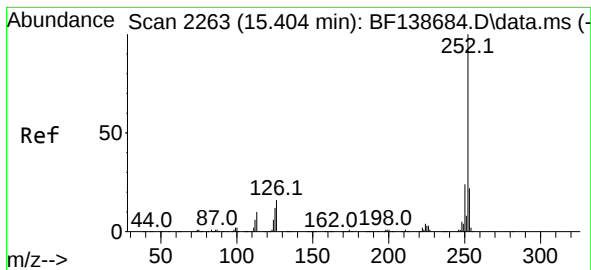
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#89
Benzo(k)fluoranthene
Concen: 3.024 ng m
RT: 15.057 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF138701.D
Acq: 31 Jul 2024 14:30

Tgt Ion:252 Resp: 19658
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 14.7 8.6 13.0#





#90

Benzo(a)pyrene

Concen: 4.660 ng

RT: 15.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138701.D

Acq: 31 Jul 2024 14:30

Instrument :

BNA_F

ClientSampleId :

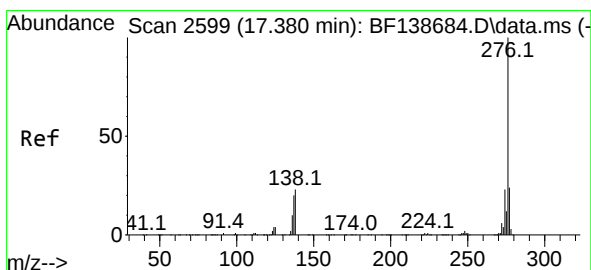
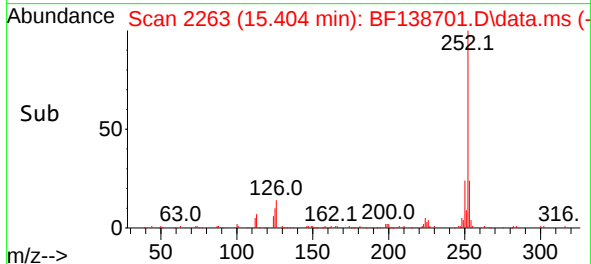
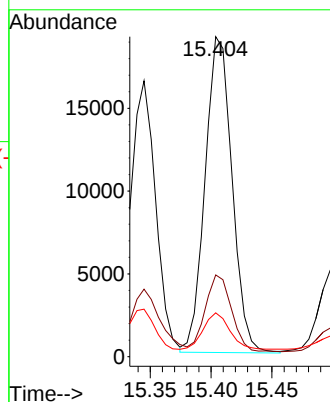
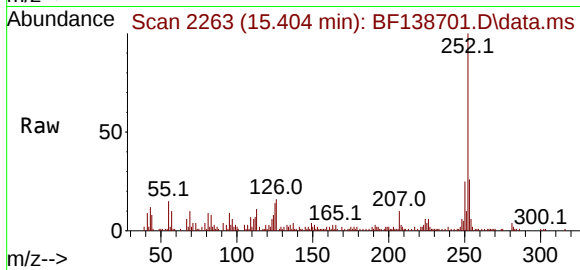
WC-6-Full Waste Class

Tgt Ion:	252	Resp:	29424
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.3	25.9
125	13.7	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: 2.307 ng

RT: 17.374 min Scan# 2598

Delta R.T. -0.006 min

Lab File: BF138701.D

Acq: 31 Jul 2024 14:30

Tgt Ion:	276	Resp:	17057
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.4
138	22.2	18.5	27.7

