

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138705.D
 Acq On : 31 Jul 2024 16:30
 Operator : RC/JU
 Sample : P3387-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10-Full Waste Class

Manual Integrations
 APPROVED

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

Quant Time: Jul 31 16:54:28 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	54165	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	195813	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	87396	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	142995	20.000	ng	0.00
76) Chrysene-d12	14.004	240	106301	20.000	ng	0.00
86) Perylene-d12	15.469	264	76928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	378693	107.924	ng	0.00
7) Phenol-d6	6.481	99	504480	107.085	ng	0.00
23) Nitrobenzene-d5	7.404	82	320018	79.903	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	83078	116.049	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	499353	85.848	ng	0.00
79) Terphenyl-d14	12.951	244	514824	81.086	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	39389	5.350	ng	99
75) Fluoranthene	12.575	202	114759	16.695	ng	99
78) Pyrene	12.804	202	103336	10.325	ng	99
81) Benzo(a)anthracene	13.992	228	49113	6.709	ng	95
83) Chrysene	14.027	228	47997	7.268	ng	95
87) Indeno(1,2,3-cd)pyrene	16.927	276	18742	3.400	ng	96
88) Benzo(b)fluoranthene	15.045	252	48193m	10.106	ng	
89) Benzo(k)fluoranthene	15.057	252	19912m	4.823	ng	
90) Benzo(a)pyrene	15.404	252	28580	7.125	ng	# 91
92) Benzo(g,h,i)perylene	17.374	276	19478	4.148	ng	94

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

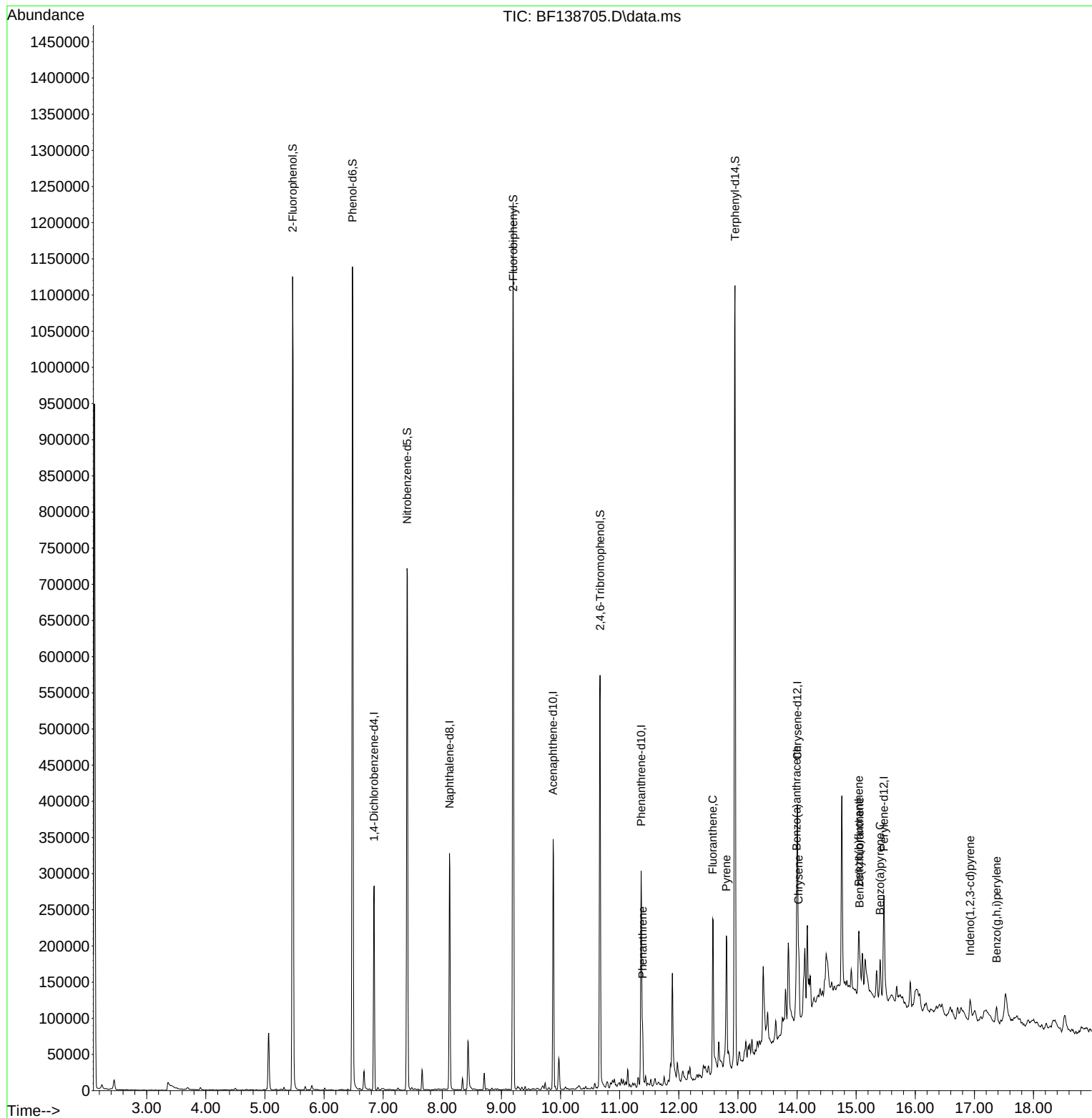
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138705.D
Acq On : 31 Jul 2024 16:30
Operator : RC/JU
Sample : P3387-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

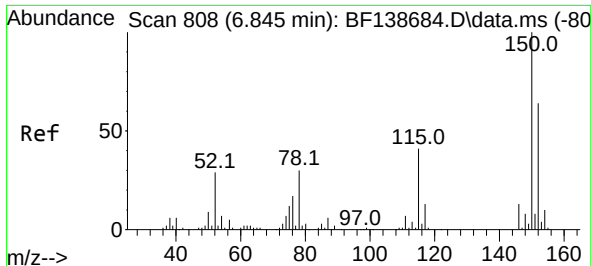
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class

Quant Time: Jul 31 16:54:28 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

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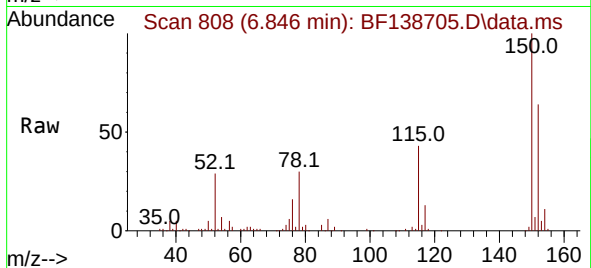
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

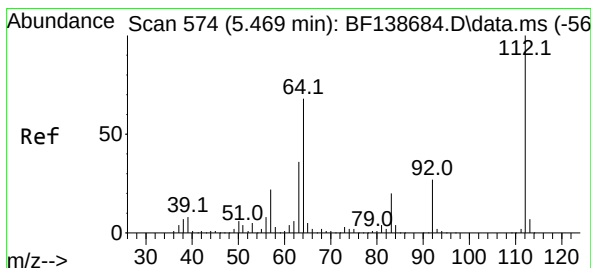
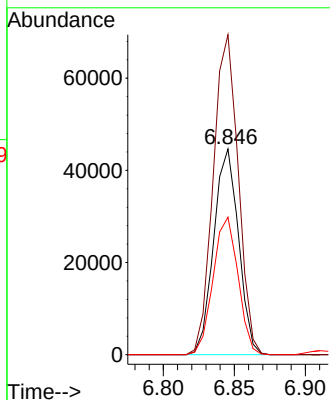
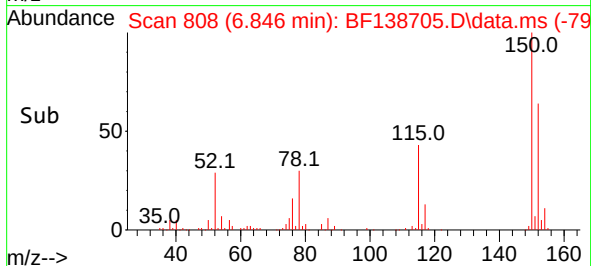
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



Tgt Ion:152 Resp: 5416
Ion Ratio Lower Upper
152 100
150 155.6 126.0 189.0
115 66.8 51.7 77.5

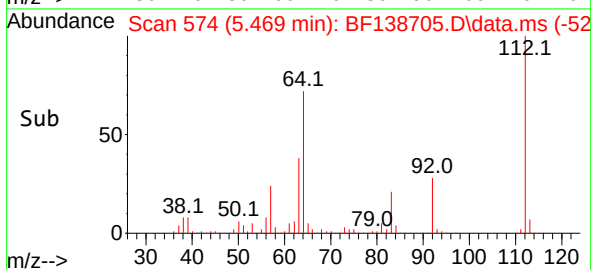
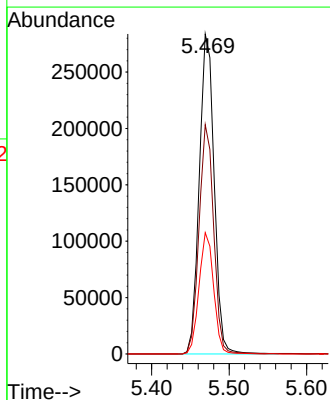
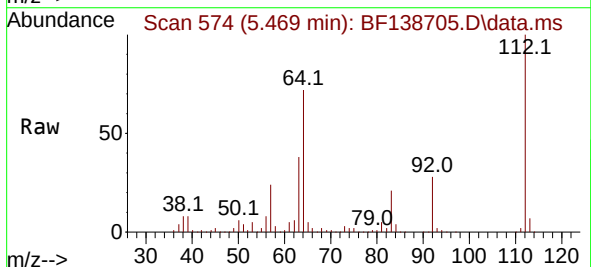
Manual Integrations
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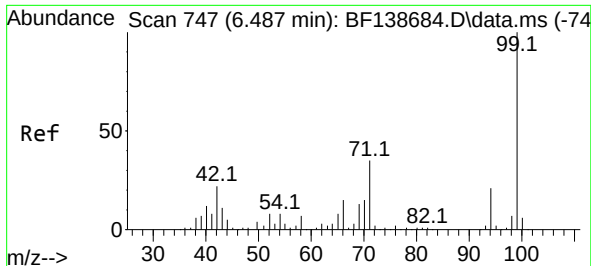
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#5
2-Fluorophenol
Concen: 107.924 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

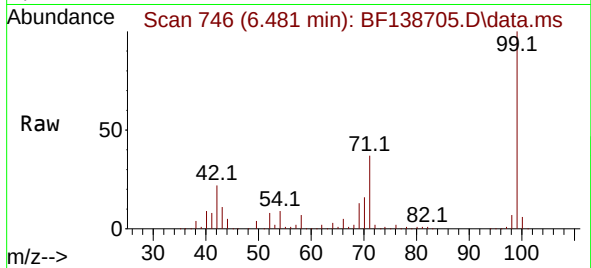
Tgt Ion:112 Resp: 378693
Ion Ratio Lower Upper
112 100
64 71.6 54.2 81.4
63 37.9 28.7 43.1





#7
Phenol-d6
Concen: 107.085 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

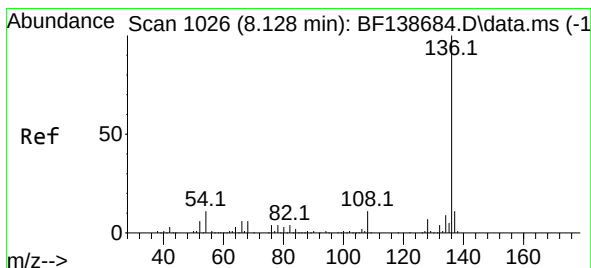
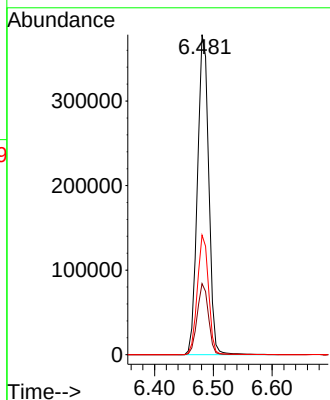
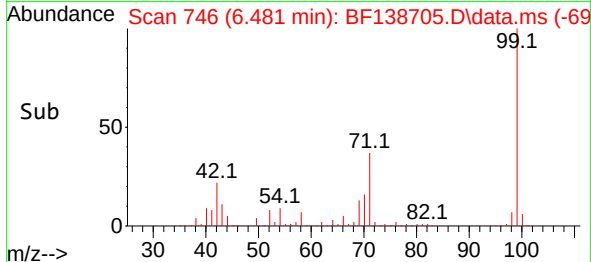
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



Tgt Ion: 99 Resp: 504480
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.0
71 37.3 28.1 42.1

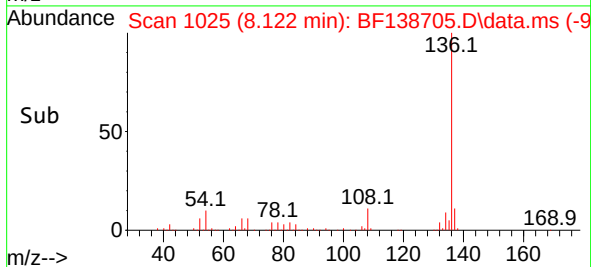
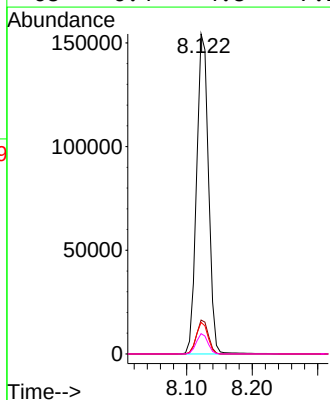
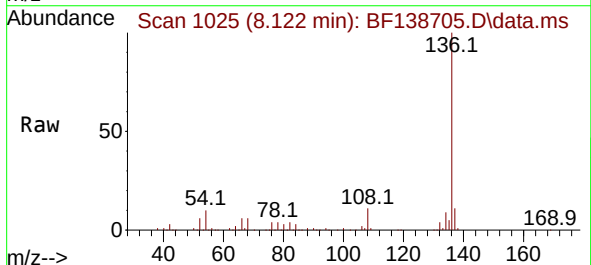
Manual Integrations
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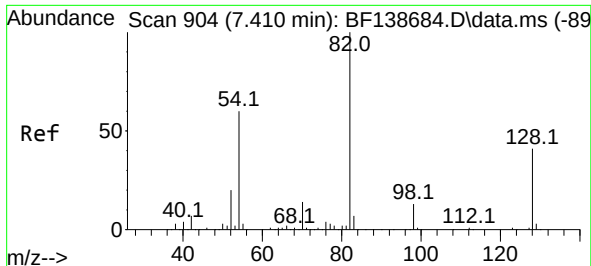
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

Tgt Ion:136 Resp: 195813
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.9 8.6 12.8
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 79.903 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138705.D

Acq: 31 Jul 2024 16:30

Instrument :

BNA_F

ClientSampleId :

WC-10-Full Waste Class

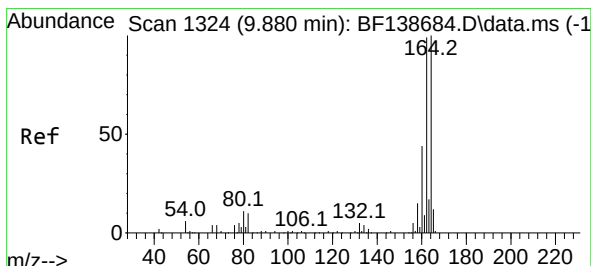
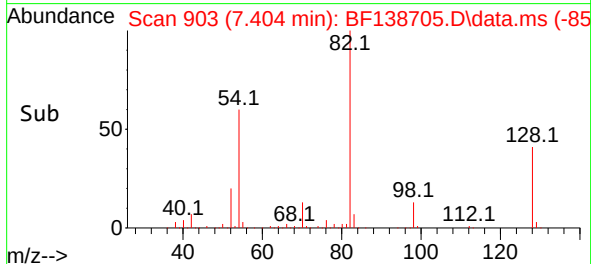
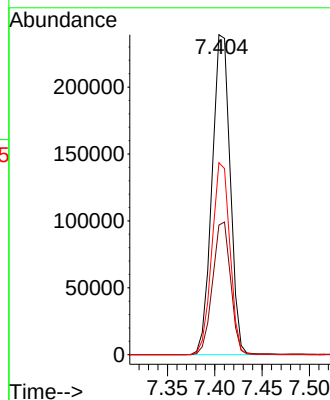
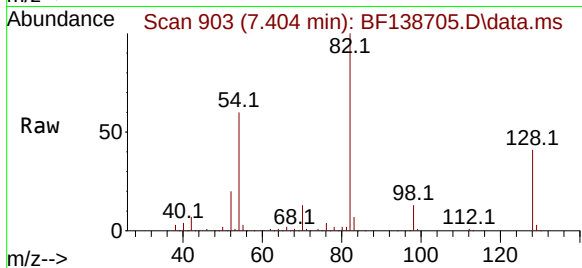
Tgt Ion: 82 Resp: 320018

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.8	49.2
54	60.0	48.3	72.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

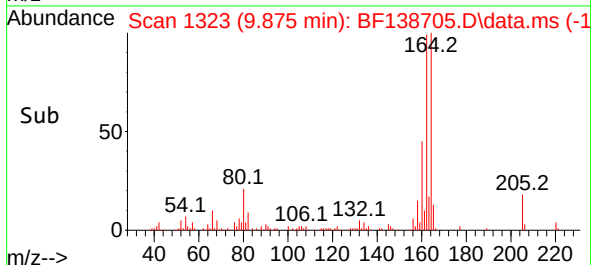
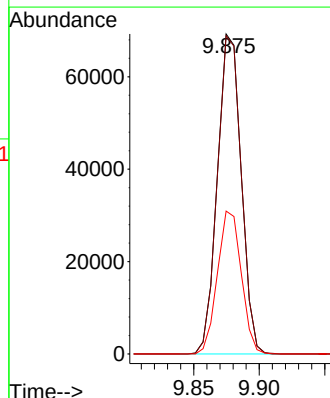
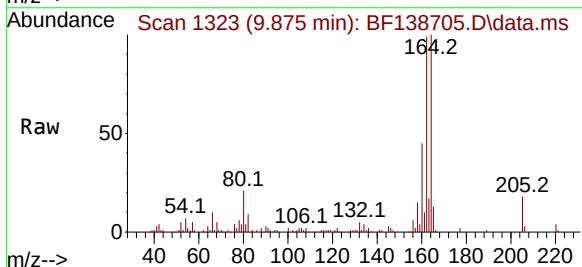
Delta R.T. -0.005 min

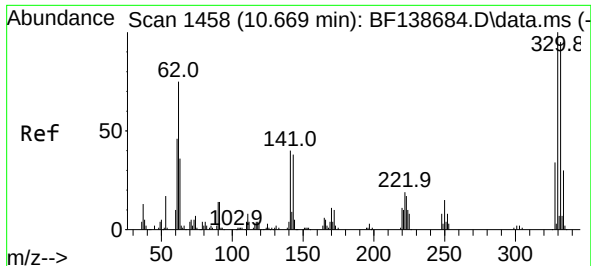
Lab File: BF138705.D

Acq: 31 Jul 2024 16:30

Tgt Ion:164 Resp: 87396

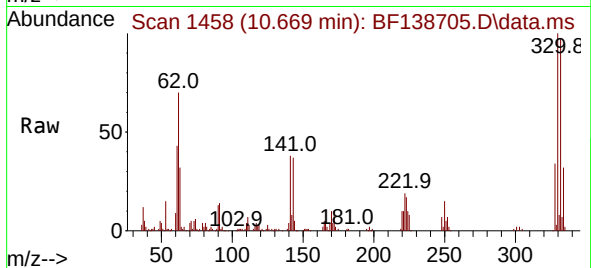
Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	44.7	35.1	52.7





#42
2,4,6-Tribromophenol
Concen: 116.049 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

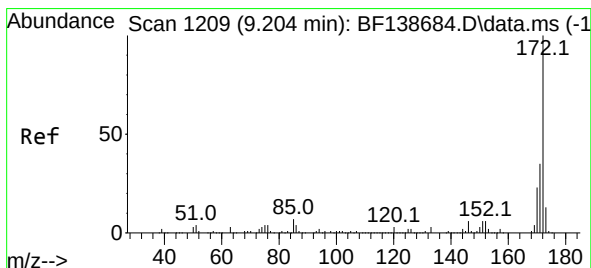
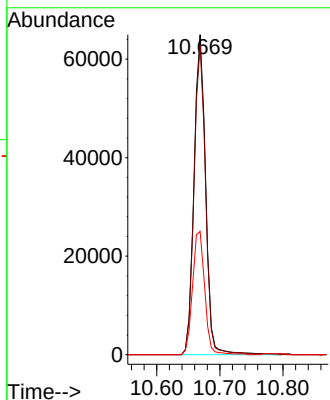
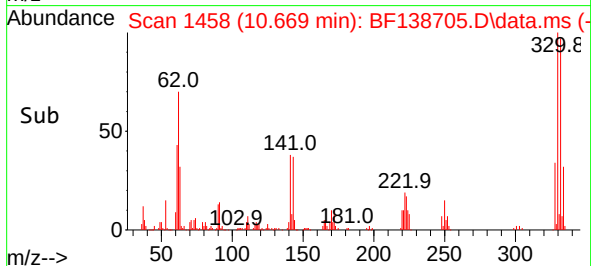
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



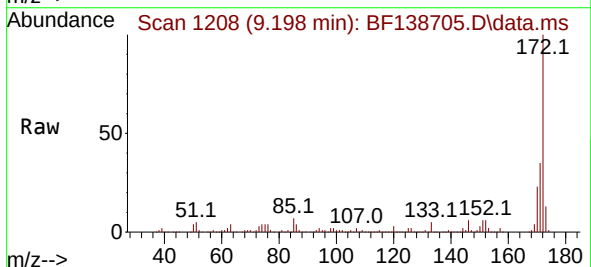
Tgt Ion: 330 Resp: 83078
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 40.4 31.1 46.7

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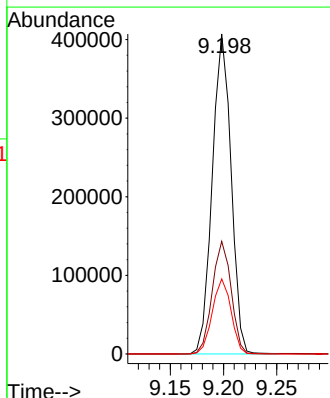
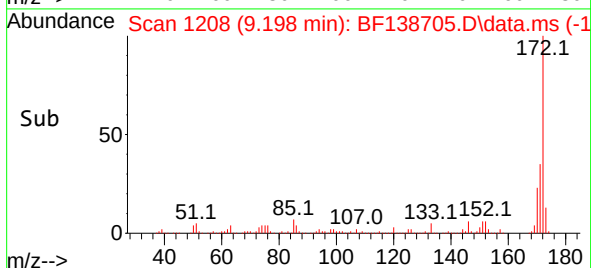
Reviewed By : Jagrut Upadhyay 08/01/2024
Supervised By : mohammad ahmed 08/03/2024

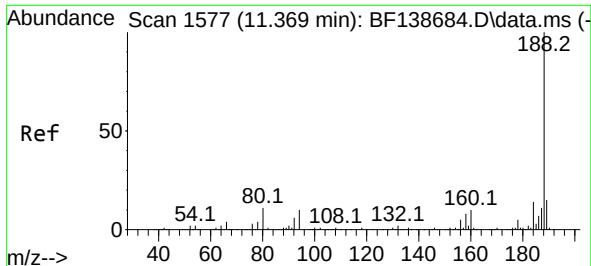


#45
2-Fluorobiphenyl
Concen: 85.848 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30



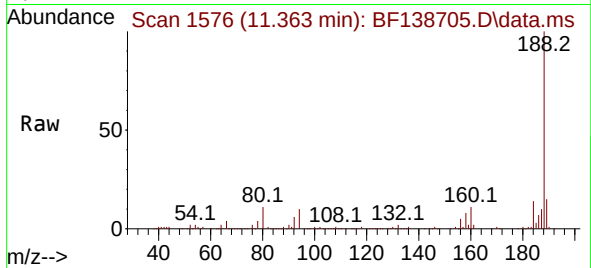
Tgt Ion: 172 Resp: 499353
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

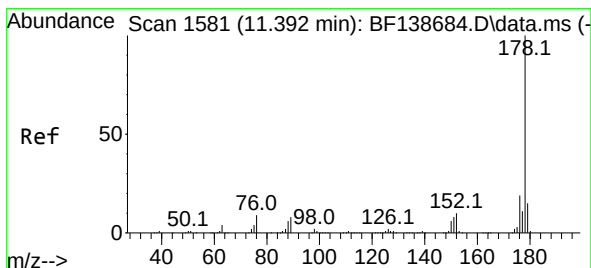
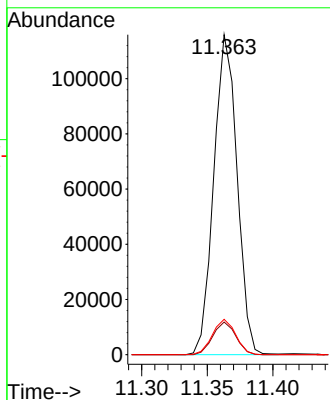
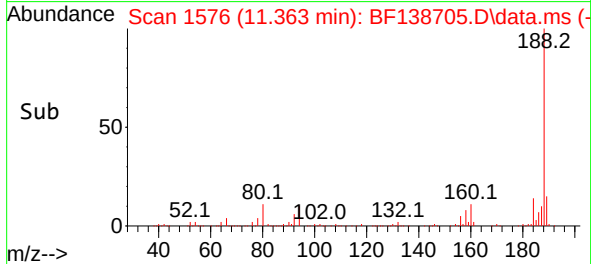
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



Tgt Ion:188 Resp: 142995
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 11.1 8.6 12.8

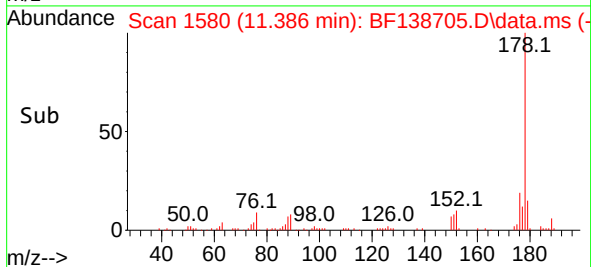
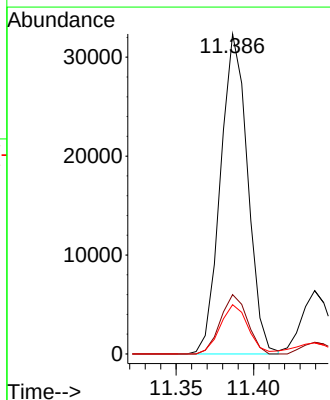
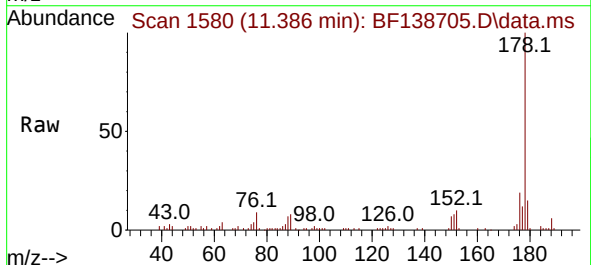
Manual Integrations
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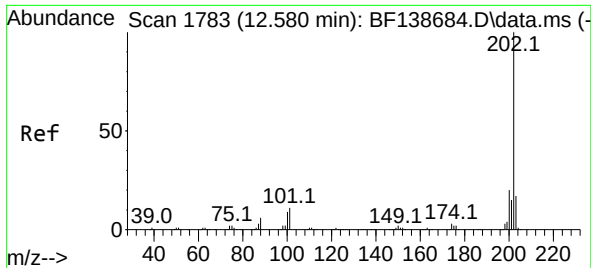
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#71
Phenanthrene
Concen: 5.350 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

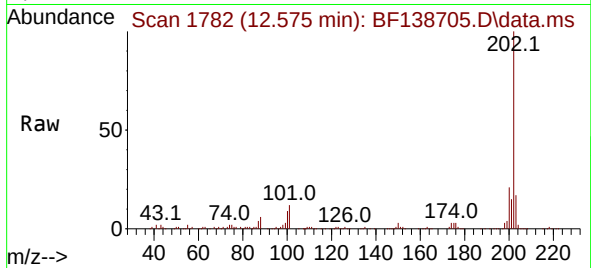
Tgt Ion:178 Resp: 39389
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.4 12.2 18.2





#75
Fluoranthene
Concen: 16.695 ng
RT: 12.575 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

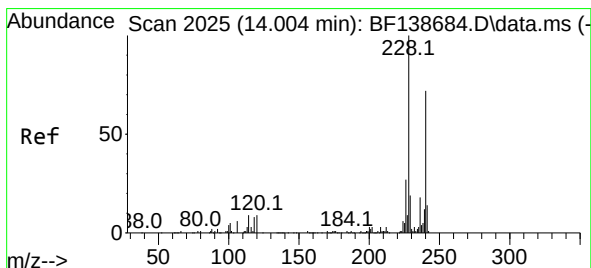
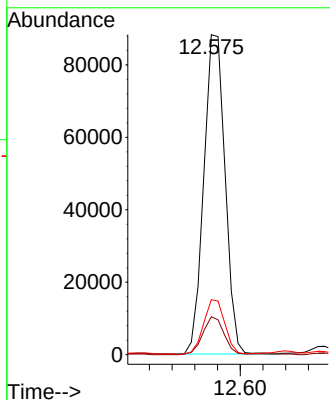
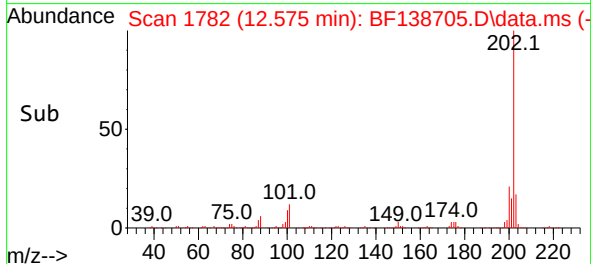
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



Tgt Ion:202 Resp: 114759
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.2
203 17.2 0.0 37.3

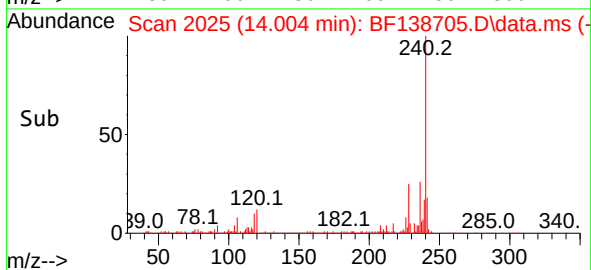
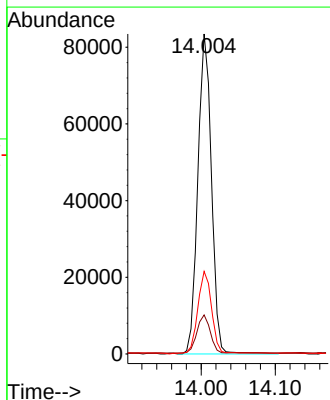
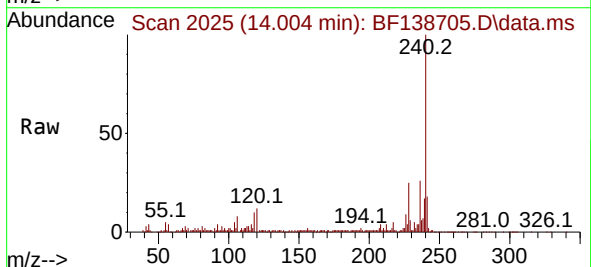
Manual Integrations
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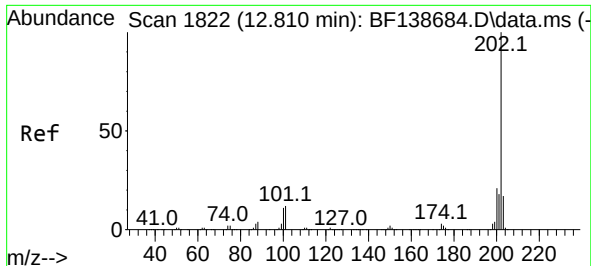
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

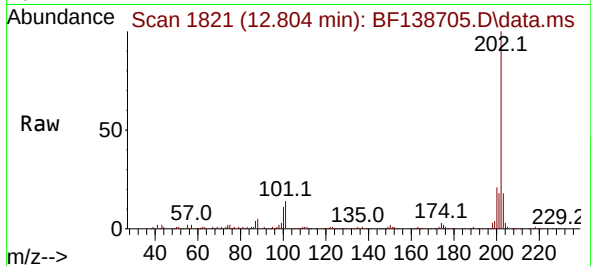
Tgt Ion:240 Resp: 106301
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.4
236 25.8 19.8 29.8





#78
Pyrene
Concen: 10.325 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

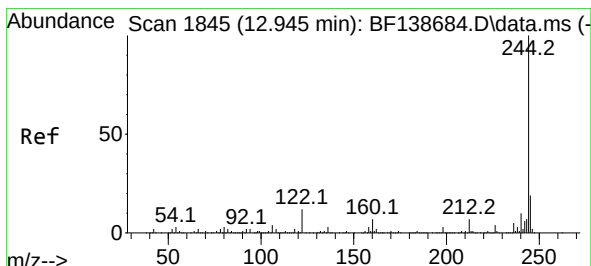
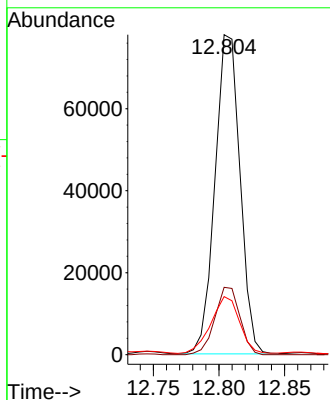
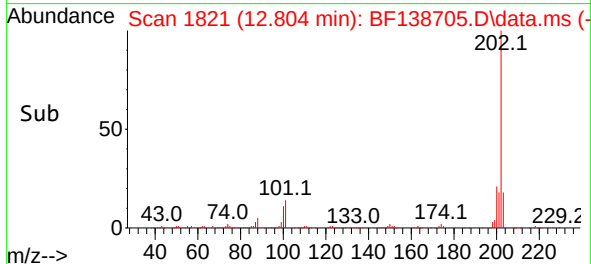
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



Tgt Ion:202 Resp: 103330
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 18.2 13.8 20.6

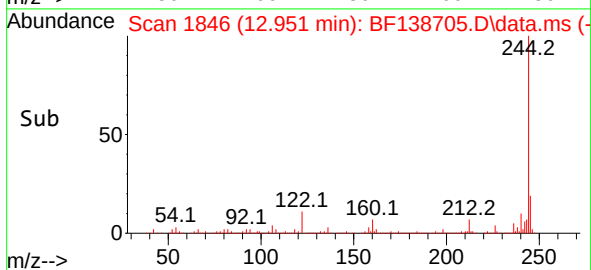
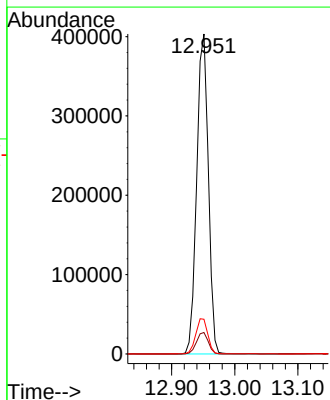
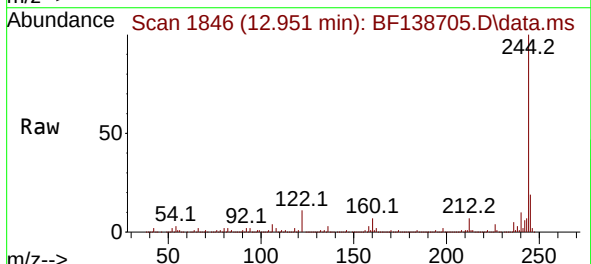
Manual Integrations
APPROVED

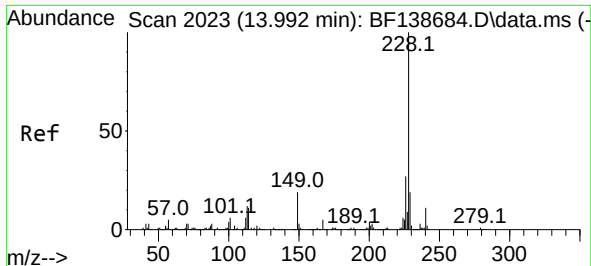
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#79
Terphenyl-d14
Concen: 81.086 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

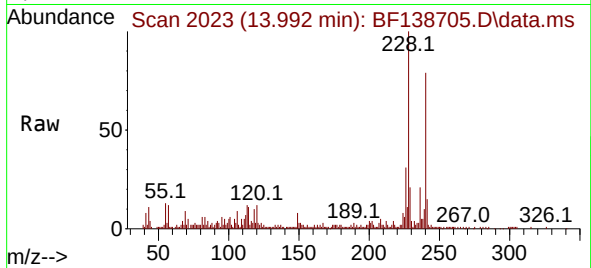
Tgt Ion:244 Resp: 514824
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.9 9.6 14.4





#81
Benzo(a)anthracene
Concen: 6.709 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

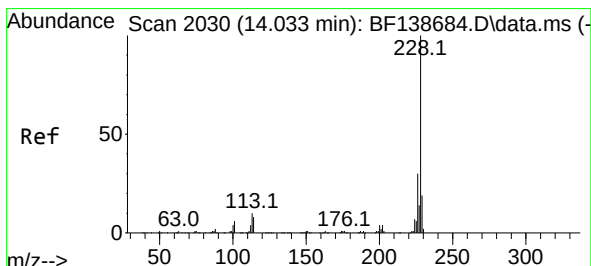
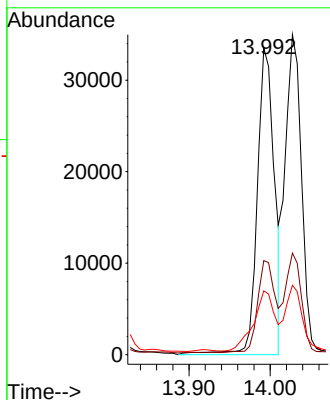
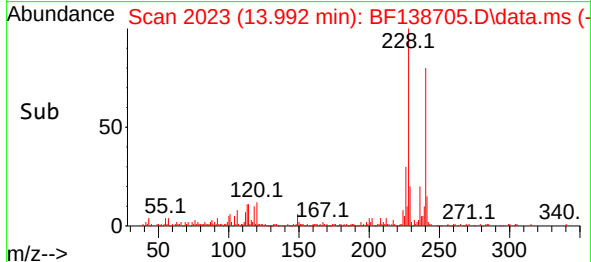
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



Tgt Ion:228 Resp: 4911
Ion Ratio Lower Upper
228 100
226 30.7 22.1 33.1
229 20.8 15.4 23.0

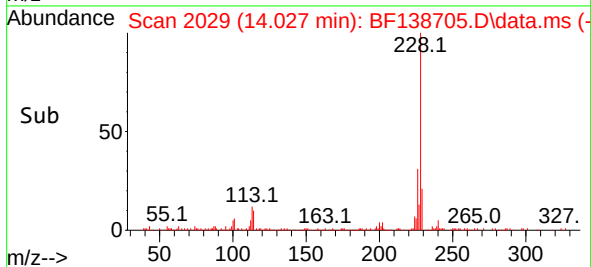
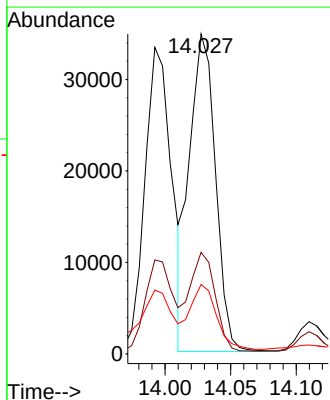
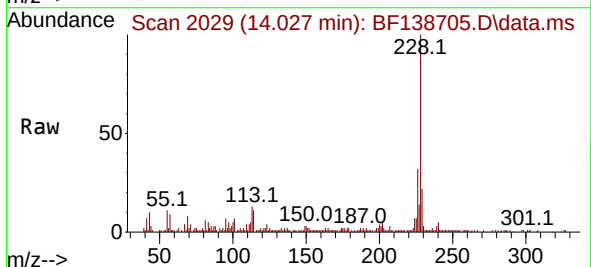
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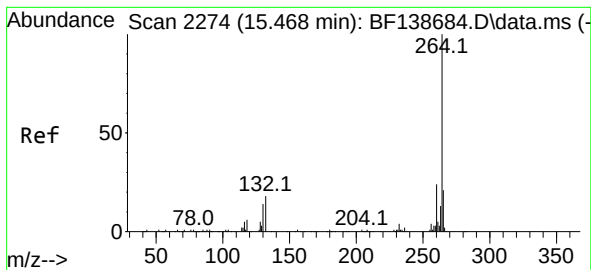
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#83
Chrysene
Concen: 7.268 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

Tgt Ion:228 Resp: 47997
Ion Ratio Lower Upper
228 100
226 31.8 23.7 35.5
229 21.7 15.0 22.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.469 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138705.D

Acq: 31 Jul 2024 16:30

Instrument :

BNA_F

ClientSampleId :

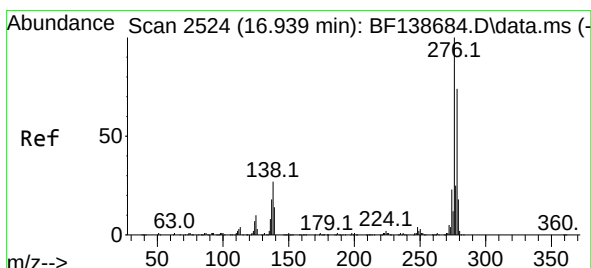
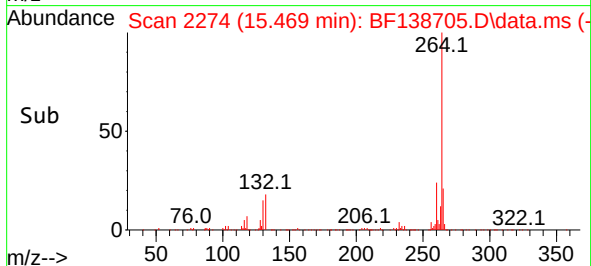
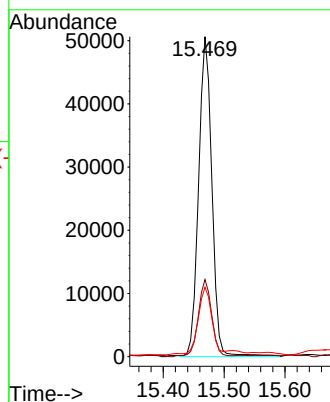
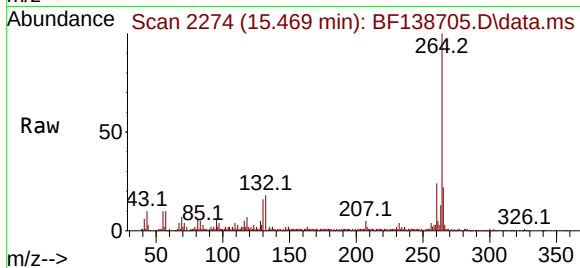
WC-10-Full Waste Class

Tgt Ion:	264	Resp:	76928
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.0	28.6
265	21.7	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: 3.400 ng

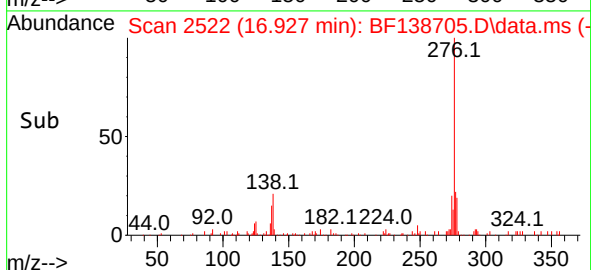
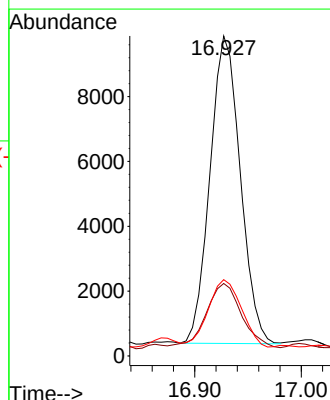
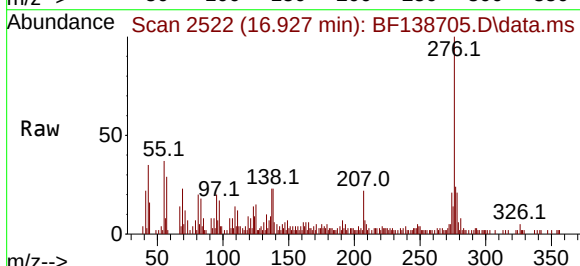
RT: 16.927 min Scan# 2522

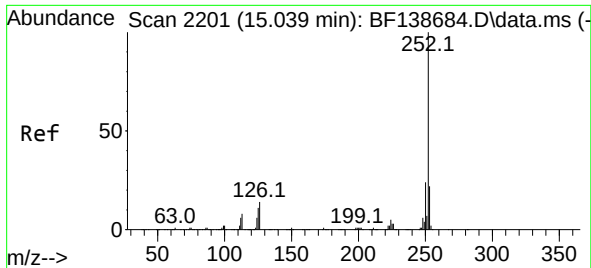
Delta R.T. -0.012 min

Lab File: BF138705.D

Acq: 31 Jul 2024 16:30

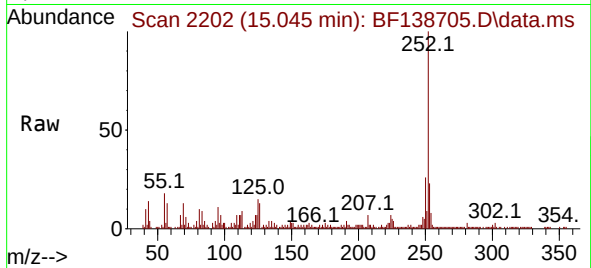
Tgt Ion:	276	Resp:	18742
Ion Ratio	Lower	Upper	
276	100		
138	24.5	21.8	32.8
277	24.1	20.6	30.8





#88
Benzo(b)fluoranthene
Concen: 10.106 ng m
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

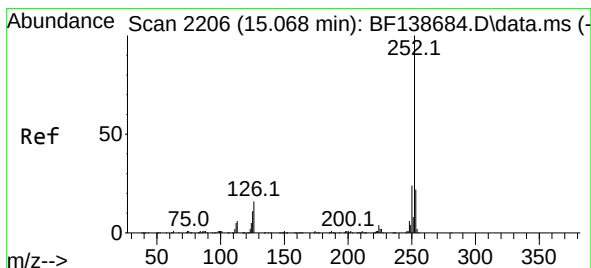
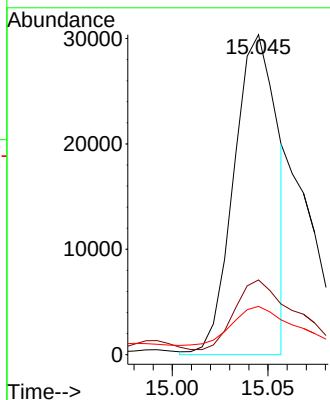
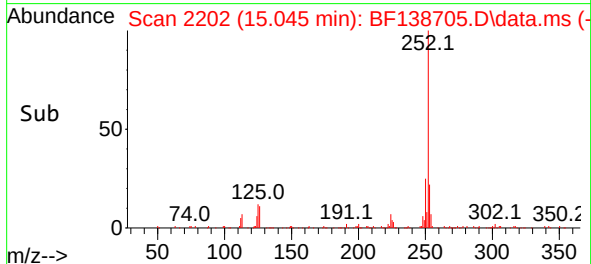
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



Tgt Ion:252 Resp: 4819
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 15.1 8.9 13.3

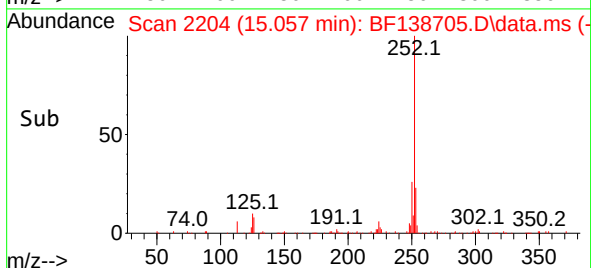
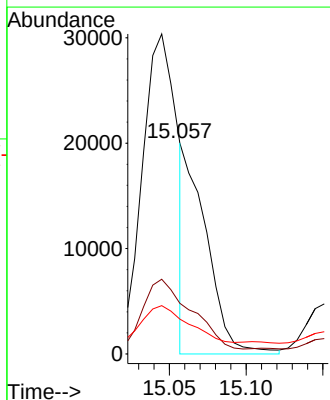
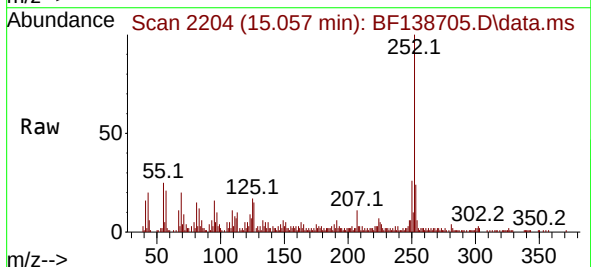
Manual Integrations
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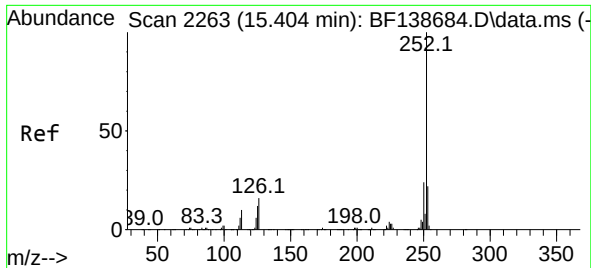
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/03/2024



#89
Benzo(k)fluoranthene
Concen: 4.823 ng m
RT: 15.057 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

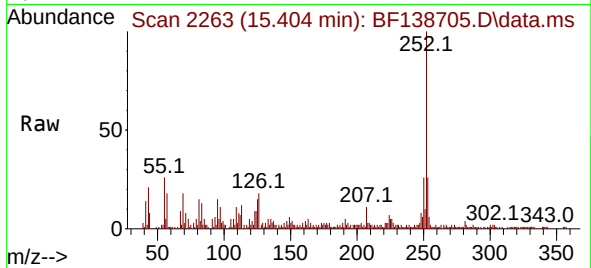
Tgt Ion:252 Resp: 19912
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 16.6 8.6 13.0#





#90
Benzo(a)pyrene
Concen: 7.125 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

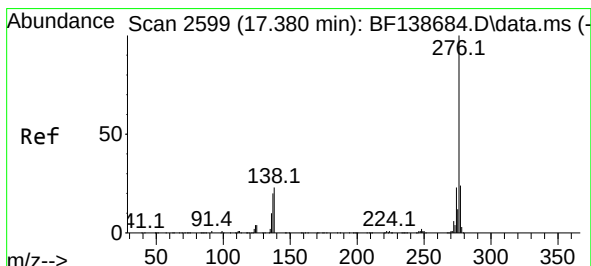
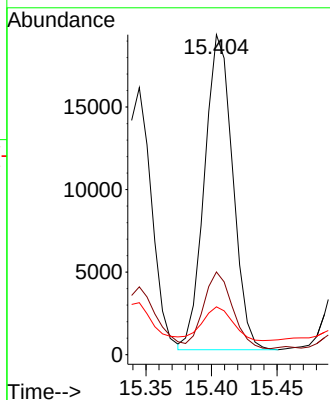
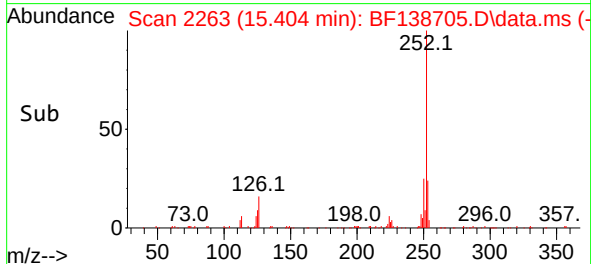
Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste Class



Tgt Ion:252 Resp: 28580
Ion Ratio Lower Upper
252 100
253 25.9 17.3 25.9
125 14.9 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: 4.148 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138705.D
Acq: 31 Jul 2024 16:30

Tgt Ion:276 Resp: 19478
Ion Ratio Lower Upper
276 100
277 25.9 19.0 28.4
138 27.0 18.5 27.7

