

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138799.D
 Acq On : 05 Aug 2024 22:36
 Operator : RC/JU
 Sample : P3387-02RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9-Full Waste ClassRE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 00:57:55 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	35237	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	120706	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	51971	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	86015	20.000	ng	0.00
76) Chrysene-d12	14.010	240	51860	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	46090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	178369	78.139	ng	0.00
7) Phenol-d6	6.487	99	231318	75.477	ng	0.00
23) Nitrobenzene-d5	7.410	82	144528	58.540	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	37626	88.384	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	230277	66.574	ng	0.00
79) Terphenyl-d14	12.951	244	233128	75.264	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.386	178	41488	9.367	ng	99
72) Anthracene	11.439	178	9860	2.260	ng	97
75) Fluoranthene	12.580	202	113689	27.496	ng	98
78) Pyrene	12.810	202	97577	19.984	ng	98
81) Benzo(a)anthracene	13.998	228	45907	12.855	ng	97
83) Chrysene	14.033	228	37819m	11.738	ng	
87) Indeno(1,2,3-cd)pyrene	16.951	276	16940	5.129	ng	# 93
88) Benzo(b)fluoranthene	15.051	252	46882m	16.409	ng	
89) Benzo(k)fluoranthene	15.063	252	17037m	6.887	ng	
90) Benzo(a)pyrene	15.415	252	31805	13.234	ng	98
92) Benzo(g,h,i)perylene	17.398	276	16929	6.017	ng	94

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

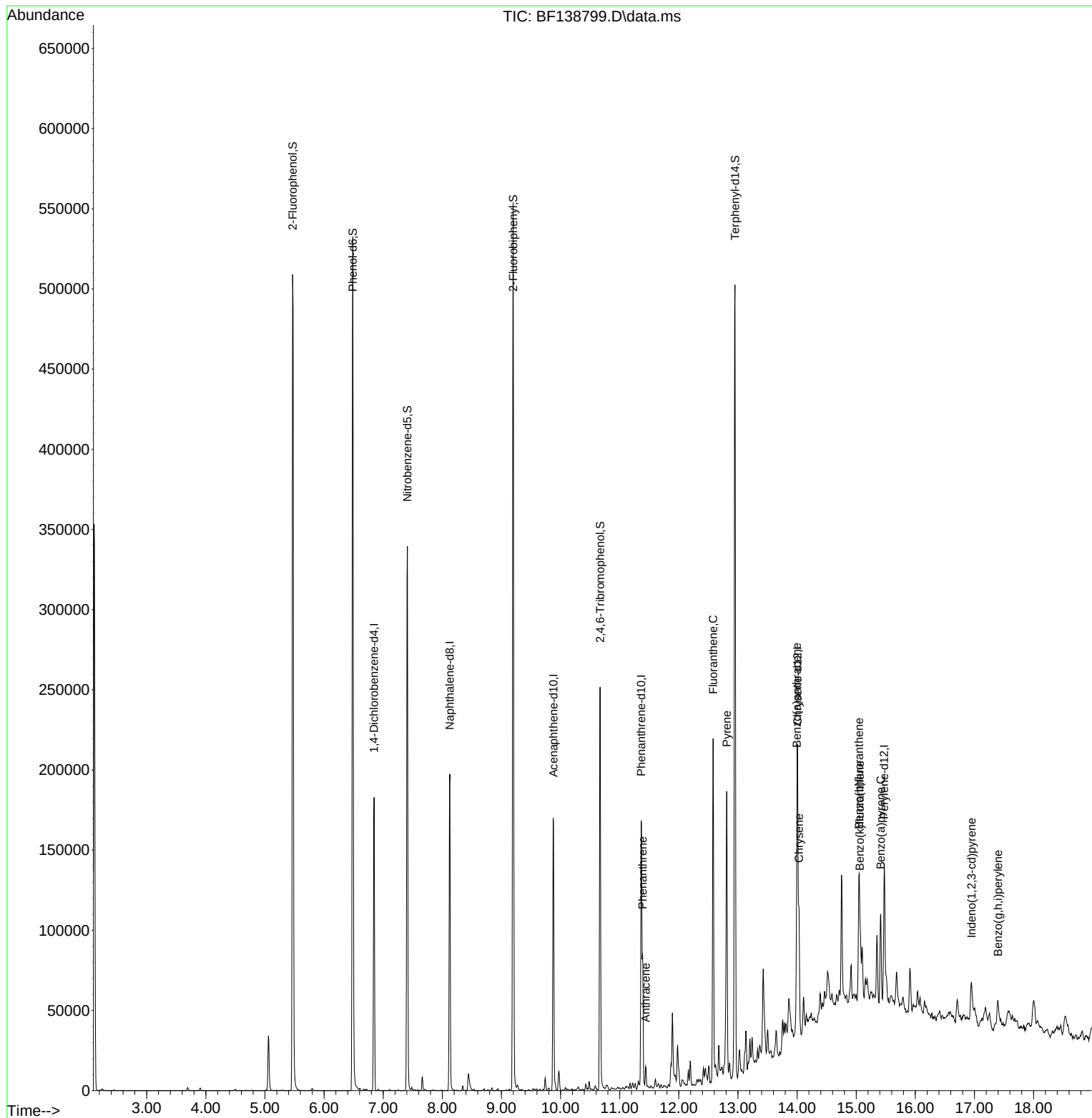
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138799.D
Acq On : 05 Aug 2024 22:36
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ALS Vial : 19 Sample Multiplier: 1

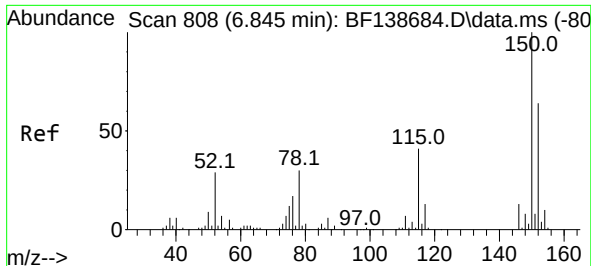
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

Quant Time: Aug 06 00:57:55 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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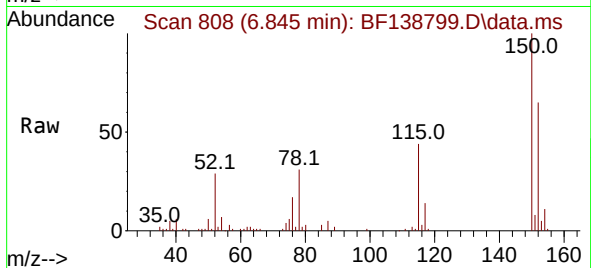
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

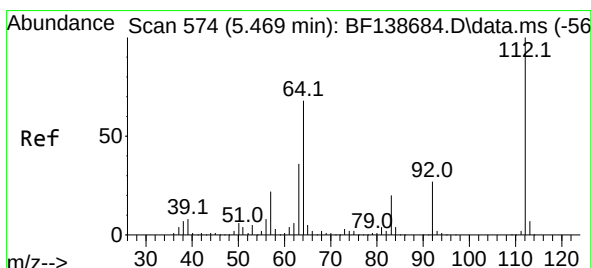
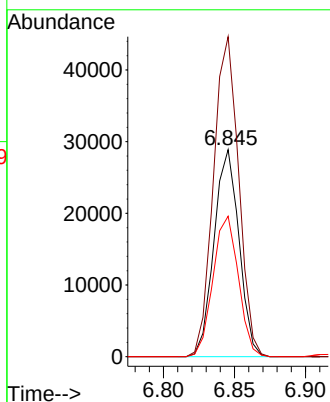
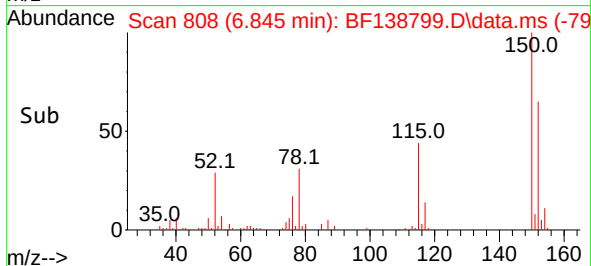
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE



Tgt Ion:152 Resp: 3523
Ion Ratio Lower Upper
152 100
150 154.6 126.0 189.0
115 67.8 51.7 77.5

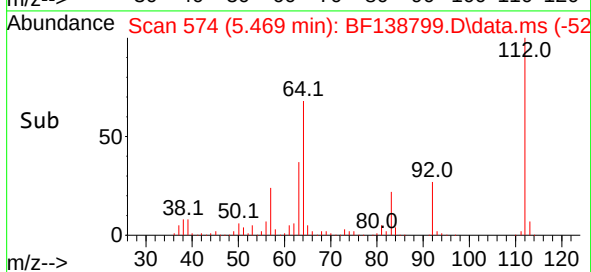
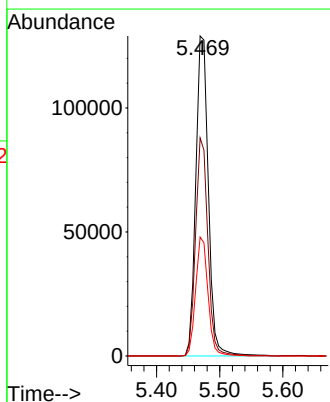
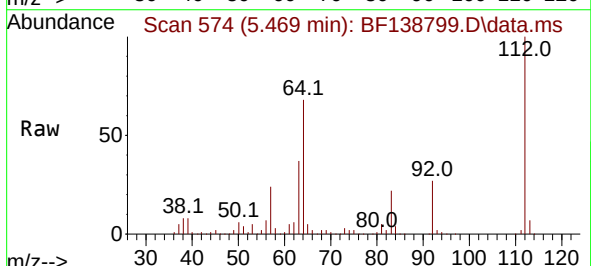
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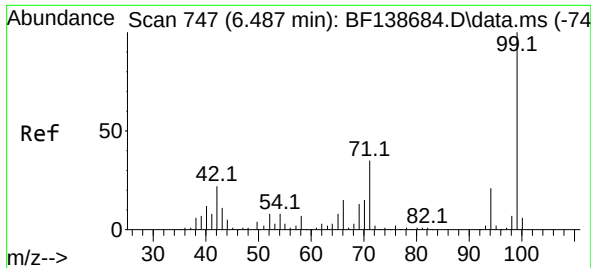
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#5
2-Fluorophenol
Concen: 78.139 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

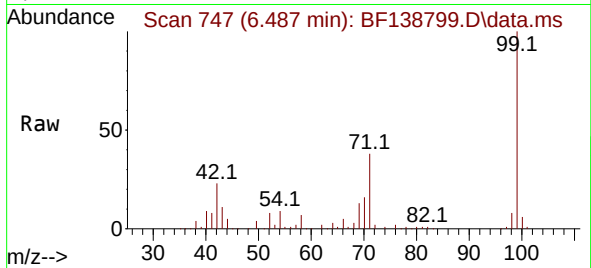
Tgt Ion:112 Resp: 178369
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 37.2 28.7 43.1





#7
Phenol-d6
Concen: 75.477 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

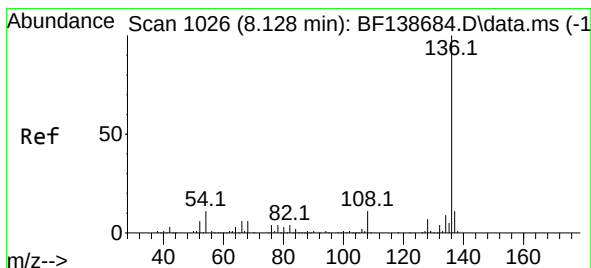
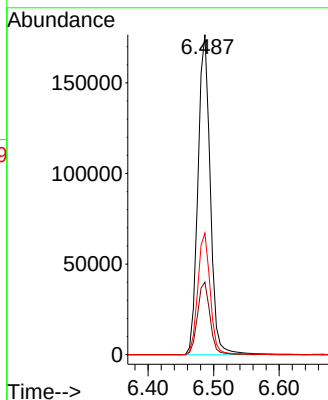
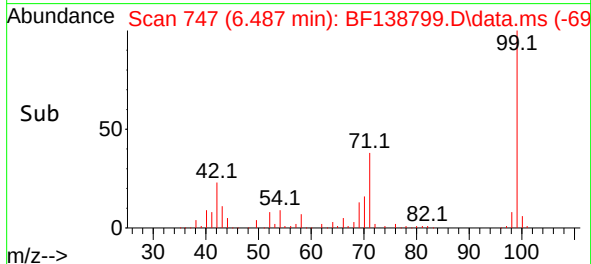
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 231318
Ion Ratio Lower Upper
99 100
42 22.7 17.4 26.0
71 38.0 28.1 42.1

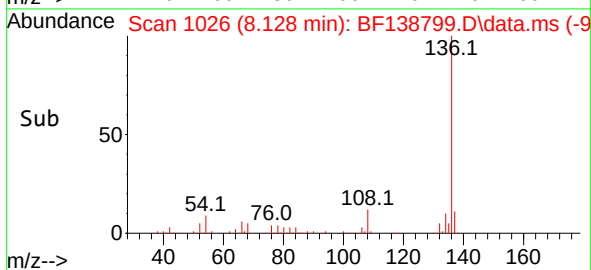
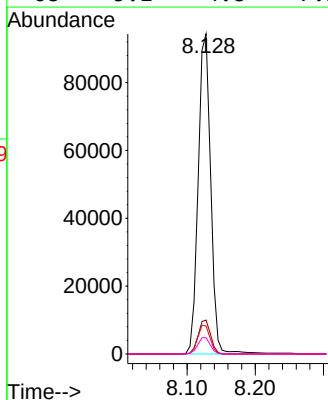
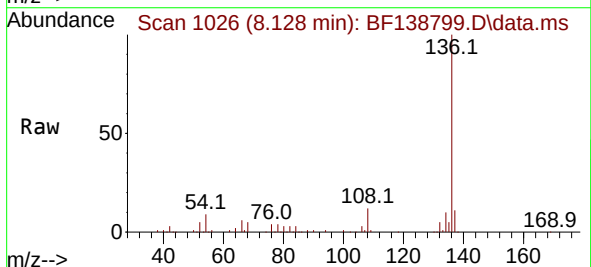
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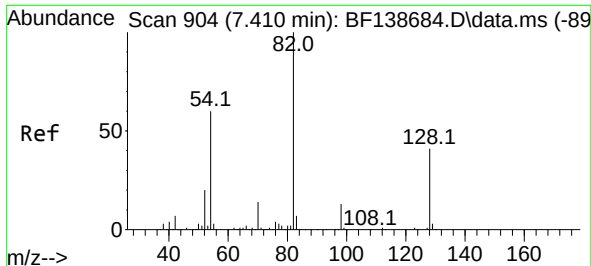
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

Tgt Ion:136 Resp: 120706
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.8 8.6 12.8
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 58.540 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

Instrument :

BNA_F

ClientSampleId :

WC-9-Full Waste ClassRE

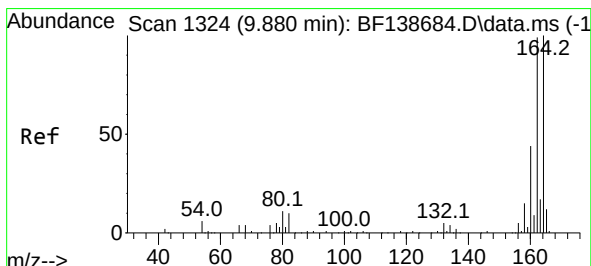
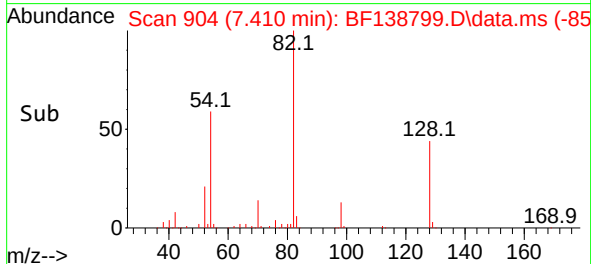
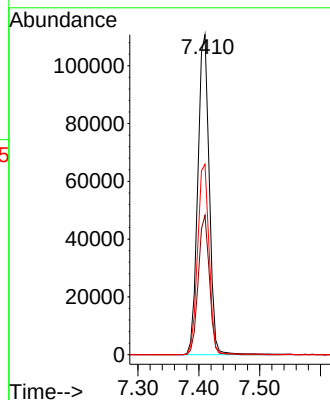
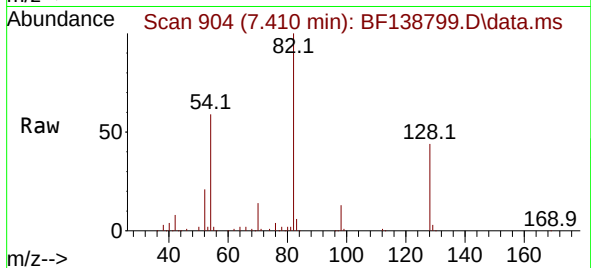
Tgt Ion: 82 Resp: 144528

Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.8	49.2
54	59.5	48.3	72.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

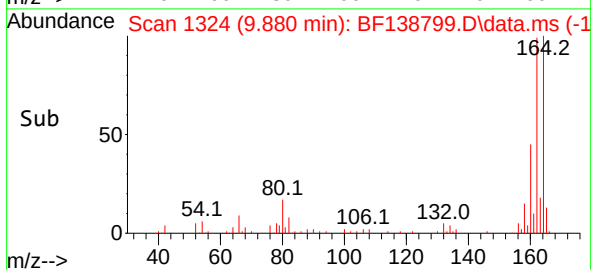
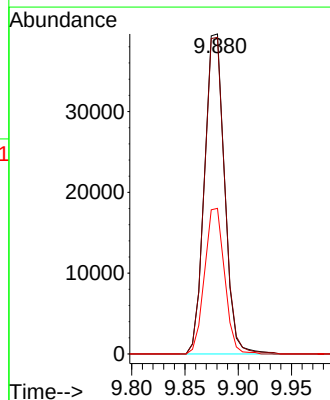
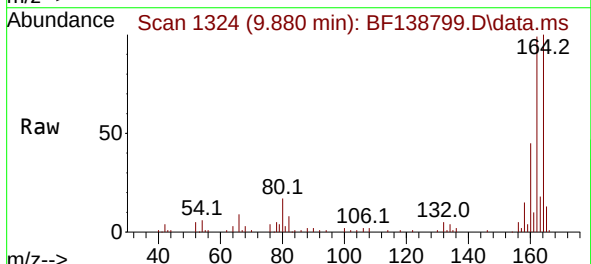
Delta R.T. 0.000 min

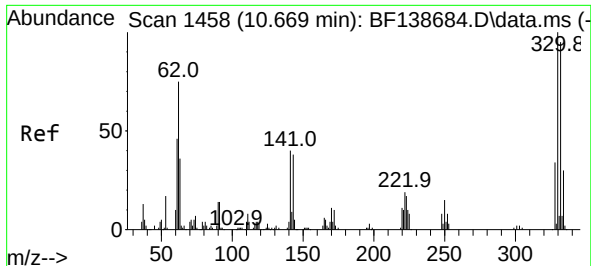
Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

Tgt Ion:164 Resp: 51971

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.4	119.0
160	45.5	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 88.384 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138799.D

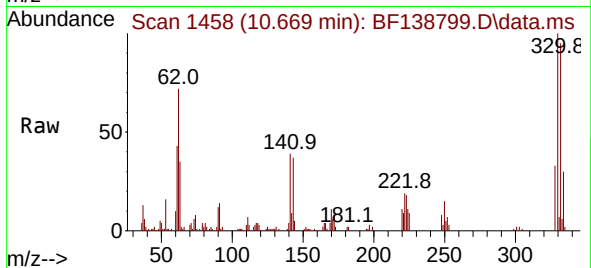
Acq: 05 Aug 2024 22:36

Instrument :

BNA_F

ClientSampleId :

WC-9-Full Waste ClassRE

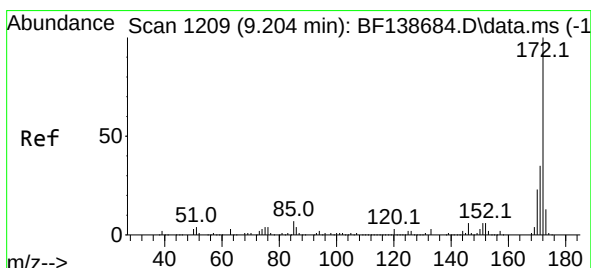
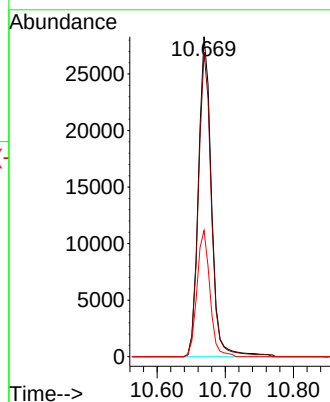
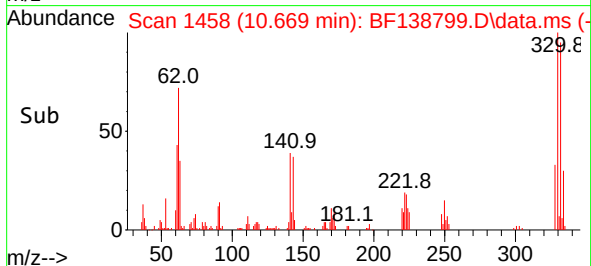


Tgt Ion:	330	Resp:	37620
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.4	114.6
141	38.9	31.1	46.7

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#45

2-Fluorobiphenyl

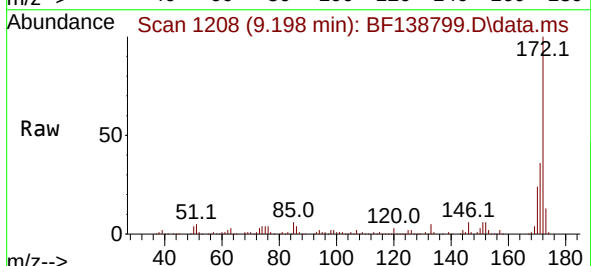
Concen: 66.574 ng

RT: 9.198 min Scan# 1208

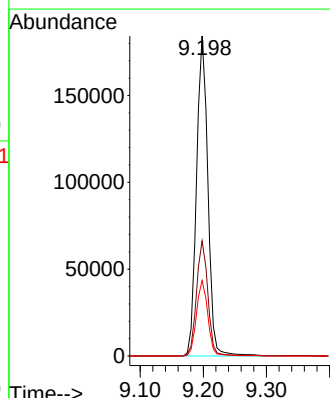
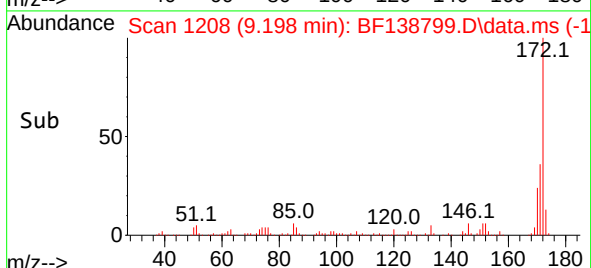
Delta R.T. -0.006 min

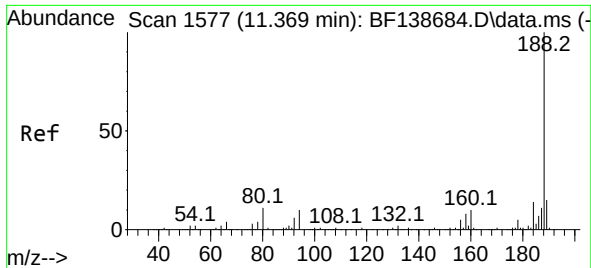
Lab File: BF138799.D

Acq: 05 Aug 2024 22:36



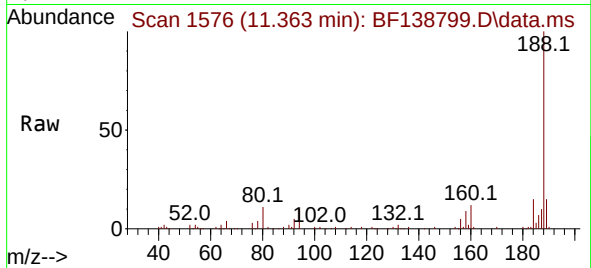
Tgt Ion:	172	Resp:	230277
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.3	42.5
170	23.6	18.8	28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

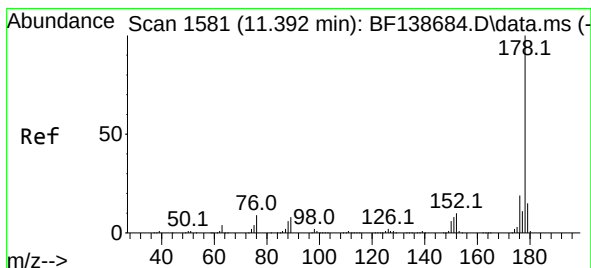
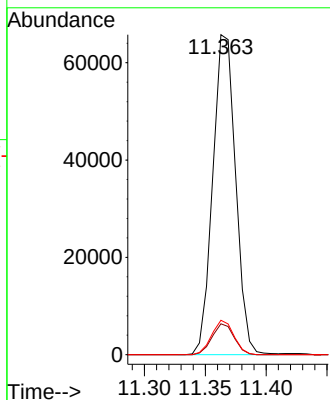
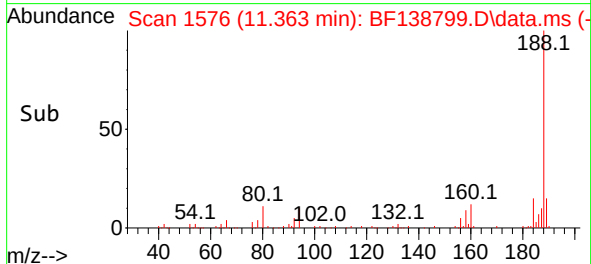
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE



Tgt Ion:188 Resp: 86015
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.7 8.6 12.8

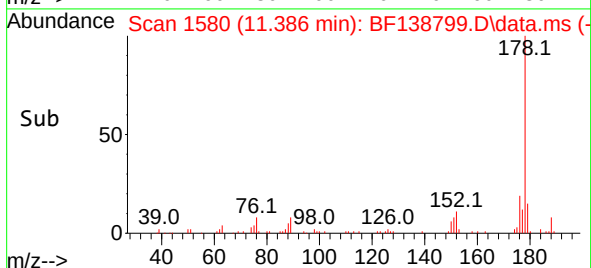
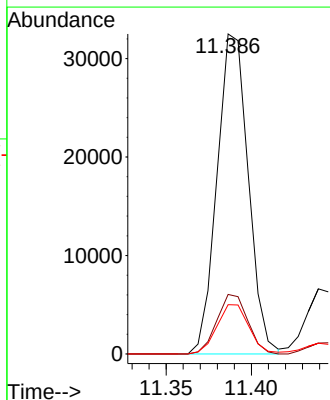
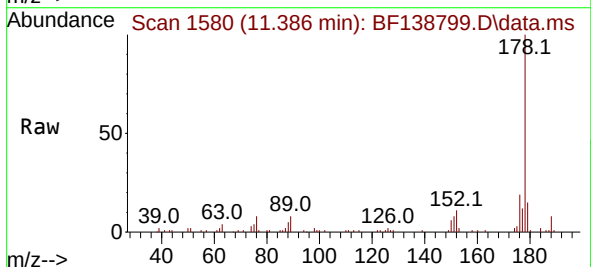
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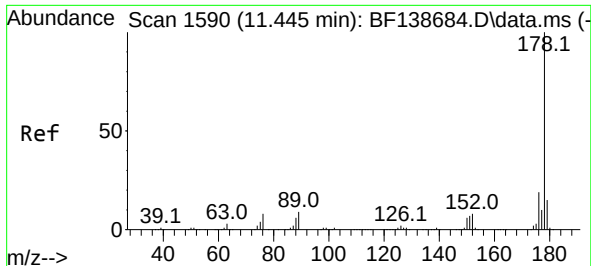
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#71
Phenanthrene
Concen: 9.367 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

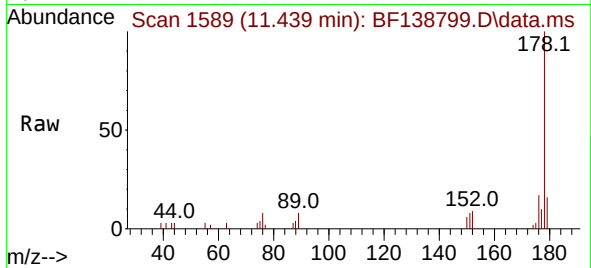
Tgt Ion:178 Resp: 41488
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.4 12.2 18.2





#72
 Anthracene
 Concen: 2.260 ng
 RT: 11.439 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138799.D
 Acq: 05 Aug 2024 22:36

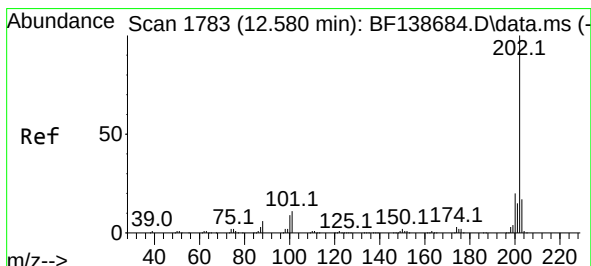
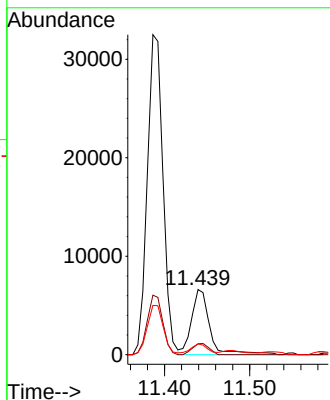
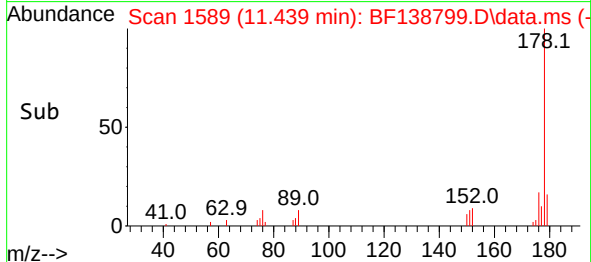
Instrument :
 BNA_F
 ClientSampleId :
 WC-9-Full Waste ClassRE



Tgt Ion:178 Resp: 9860
 Ion Ratio Lower Upper
 178 100
 176 16.8 14.9 22.3
 179 16.5 12.4 18.6

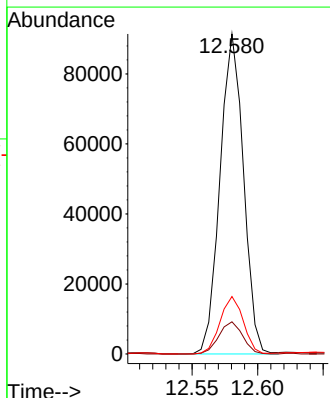
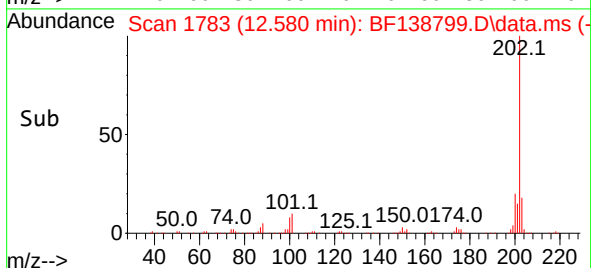
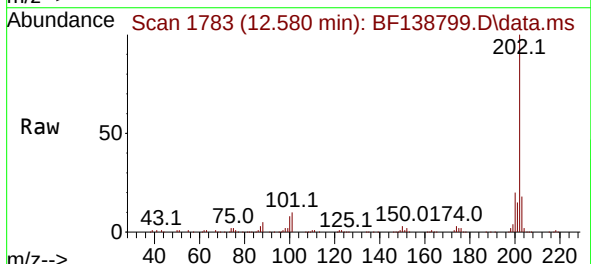
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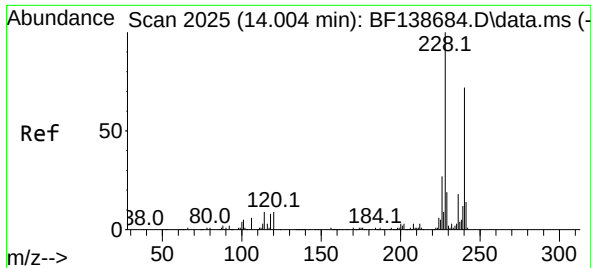
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



#75
 Fluoranthene
 Concen: 27.496 ng
 RT: 12.580 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BF138799.D
 Acq: 05 Aug 2024 22:36

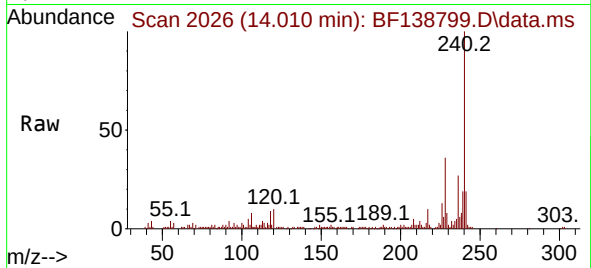
Tgt Ion:202 Resp: 113689
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.2
 203 17.9 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

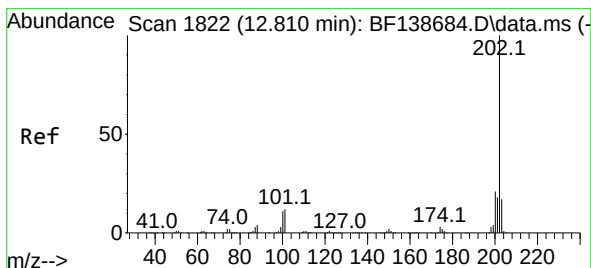
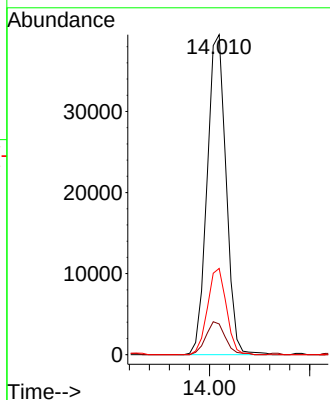
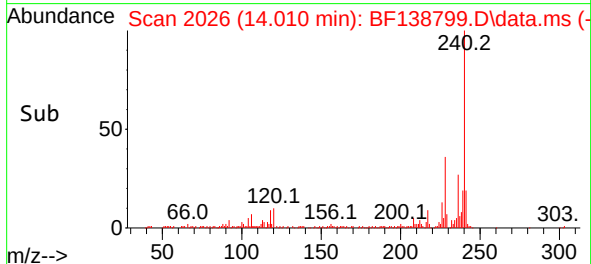
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE



Tgt Ion:240 Resp: 51860
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4
236 27.0 19.8 29.8

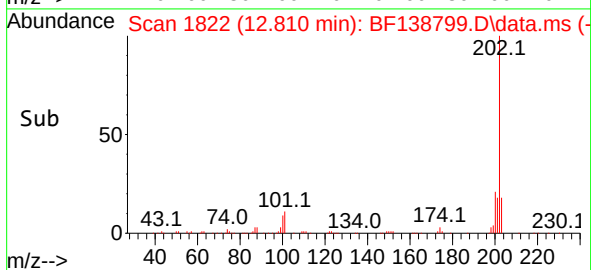
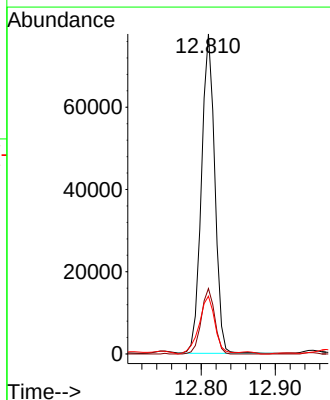
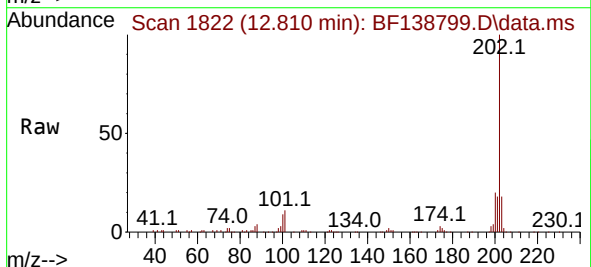
Manual Integrations
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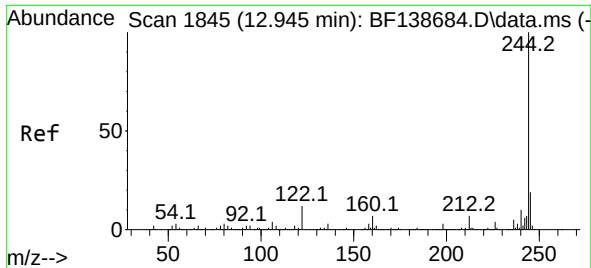
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#78
Pyrene
Concen: 19.984 ng
RT: 12.810 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

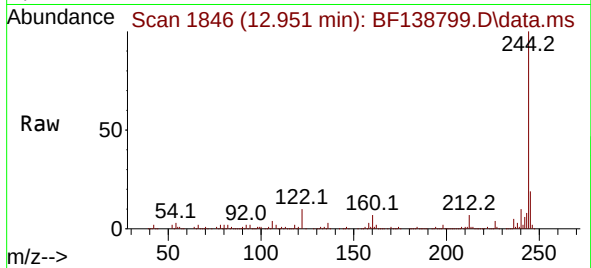
Tgt Ion:202 Resp: 97577
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 18.1 13.8 20.6





#79
 Terphenyl-d14
 Concen: 75.264 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138799.D
 Acq: 05 Aug 2024 22:36

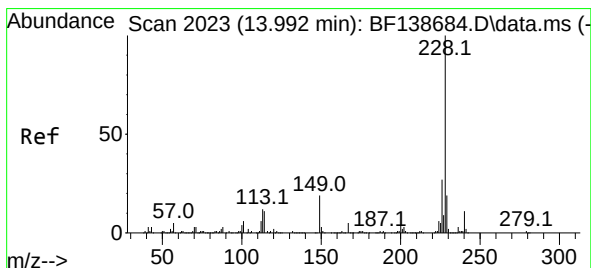
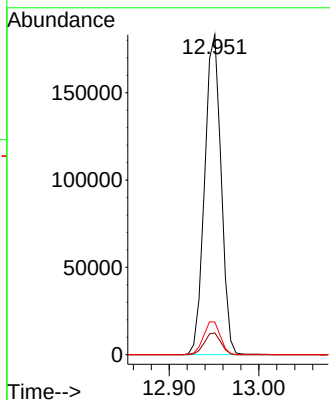
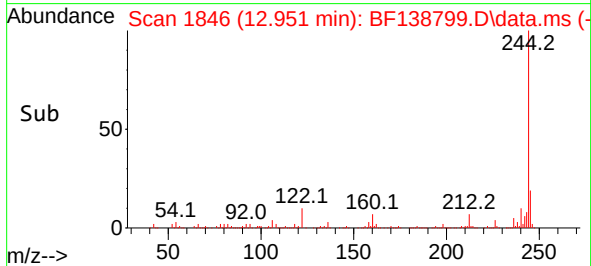
Instrument :
 BNA_F
 ClientSampleId :
 WC-9-Full Waste ClassRE



Tgt Ion:244 Resp: 233128
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.2 9.6 14.4

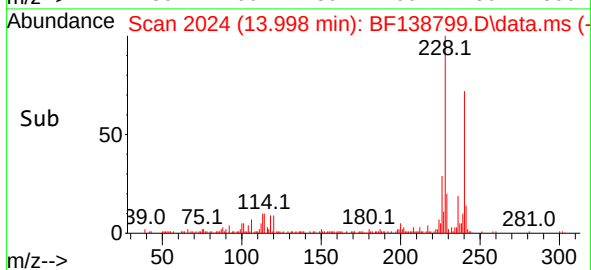
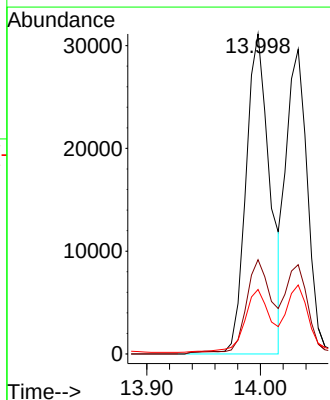
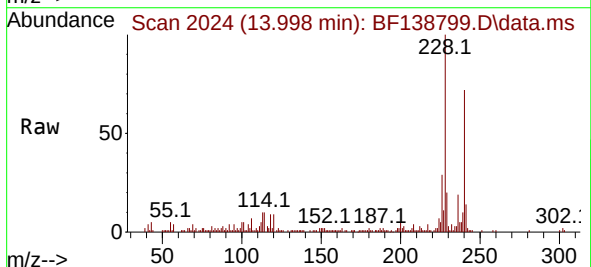
Manual Integrations
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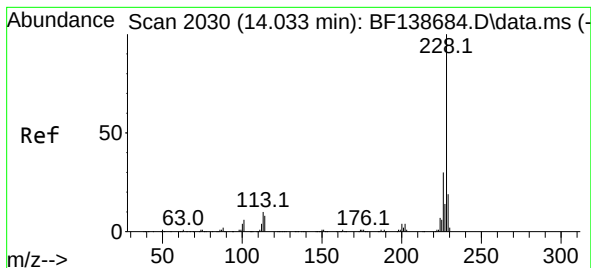
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



#81
 Benzo(a)anthracene
 Concen: 12.855 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. 0.006 min
 Lab File: BF138799.D
 Acq: 05 Aug 2024 22:36

Tgt Ion:228 Resp: 45907
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.1 33.1
 229 20.1 15.4 23.0





#83

Chrysene

Concen: 11.738 ng m

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

Instrument :

BNA_F

ClientSampleId :

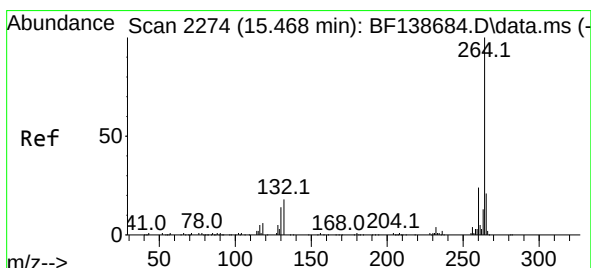
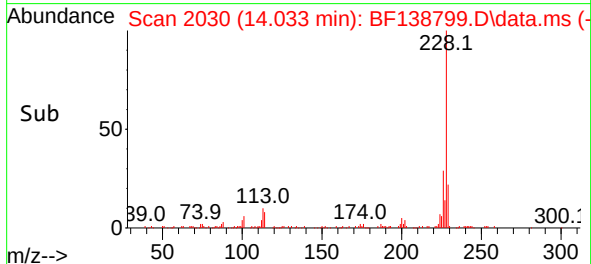
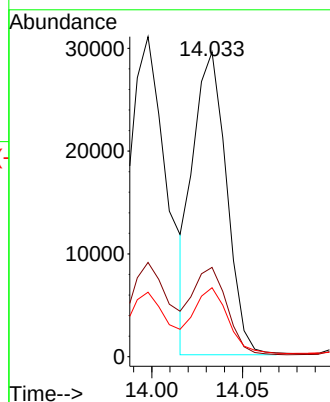
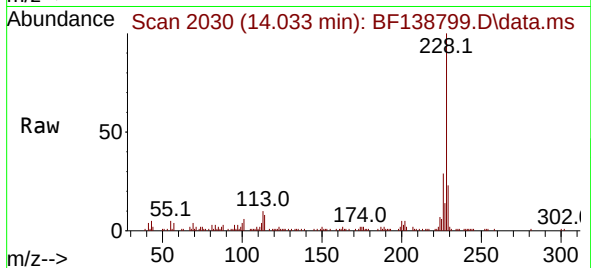
WC-9-Full Waste ClassRE

Tgt Ion:228	Resp:	37819
Ion Ratio	Lower	Upper
228	100	
226	29.3	23.7 35.5
229	22.7	15.0 22.6

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Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#86

Perylene-d12

Concen: 20.000 ng

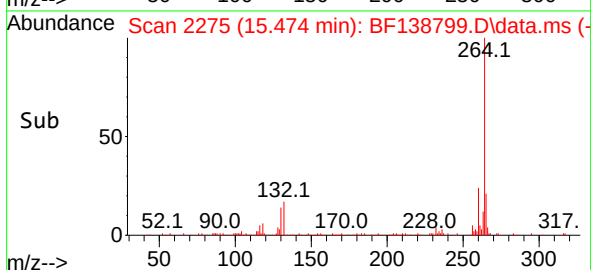
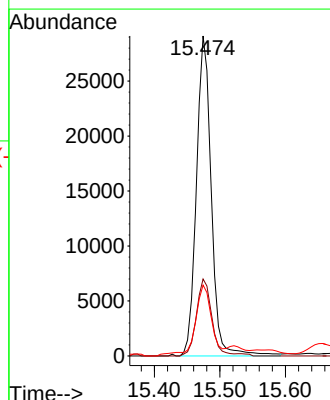
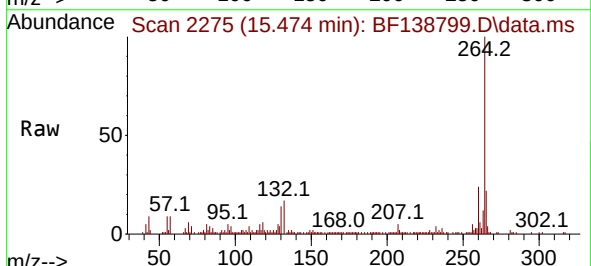
RT: 15.474 min Scan# 2275

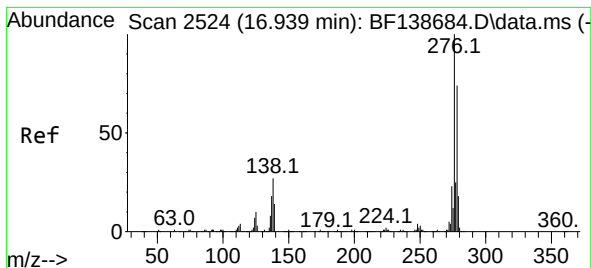
Delta R.T. 0.006 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

Tgt Ion:264	Resp:	46090
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.0 28.6
265	22.1	17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.129 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

Instrument :

BNA_F

ClientSampleId :

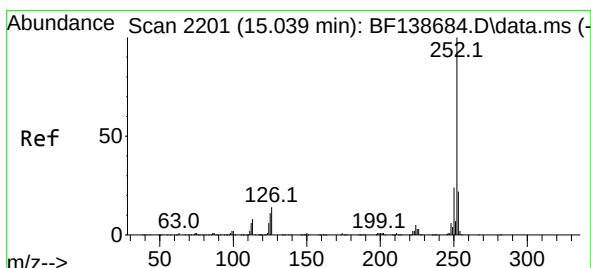
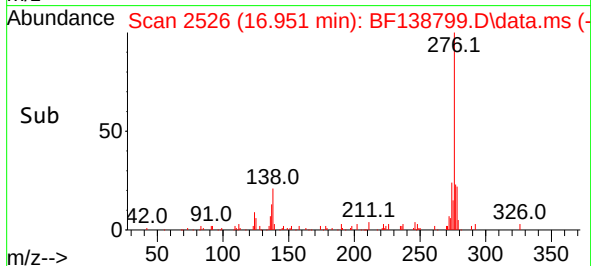
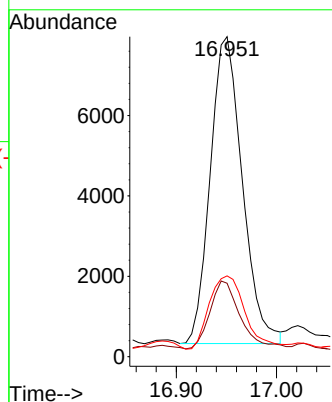
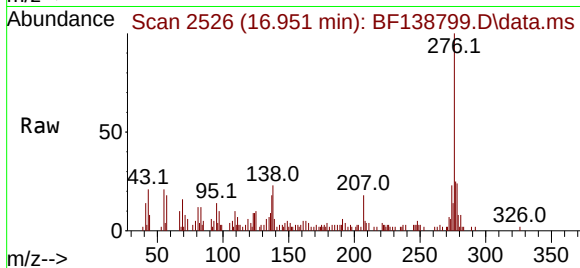
WC-9-Full Waste ClassRE

Tgt Ion:	276	Resp:	16940
Ion Ratio	Lower	Upper	
276	100		
138	21.2	21.8	32.8
277	26.9	20.6	30.8

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Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#88

Benzo(b)fluoranthene

Concen: 16.409 ng m

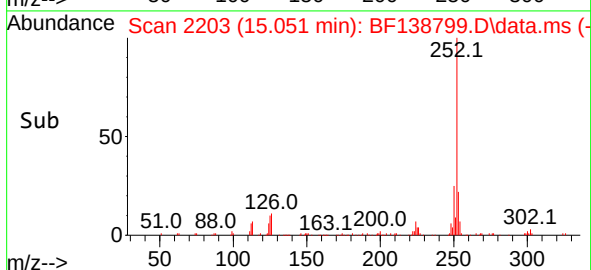
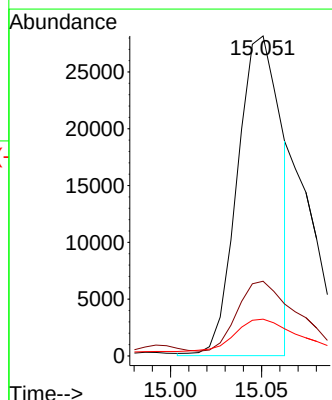
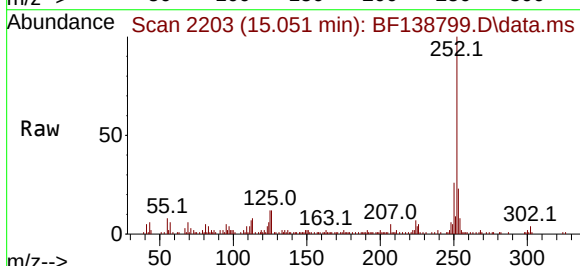
RT: 15.051 min Scan# 2203

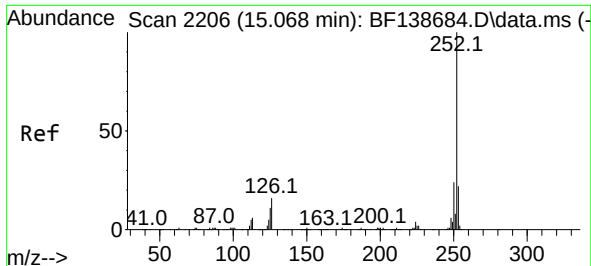
Delta R.T. 0.012 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

Tgt Ion:	252	Resp:	46882
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	11.5	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 6.887 ng m

RT: 15.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

Instrument :

BNA_F

ClientSampleId :

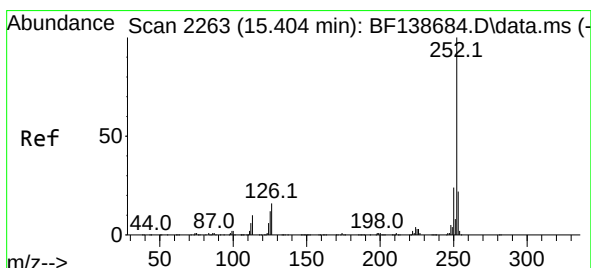
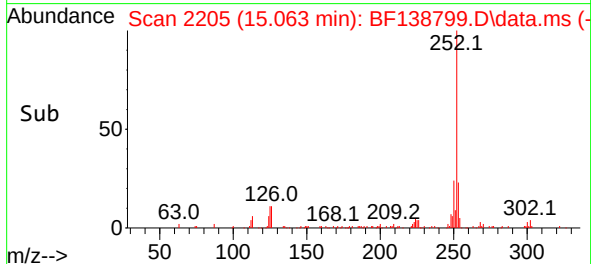
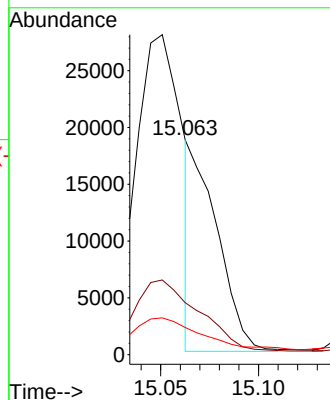
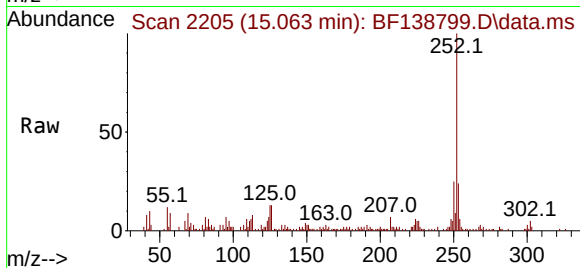
WC-9-Full Waste ClassRE

Tgt Ion:	252	Resp:	1703
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	12.6	8.6	13.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#90

Benzo(a)pyrene

Concen: 13.234 ng

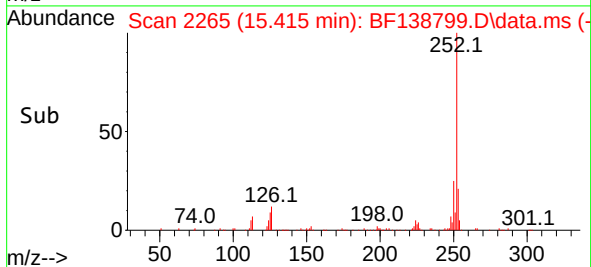
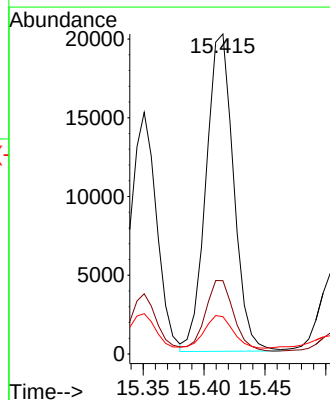
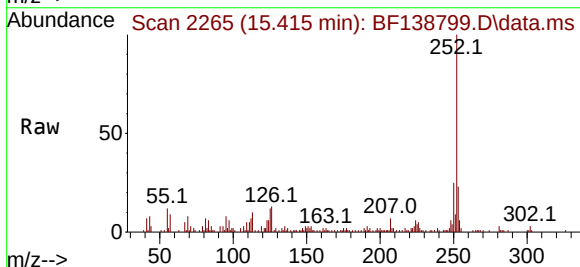
RT: 15.415 min Scan# 2265

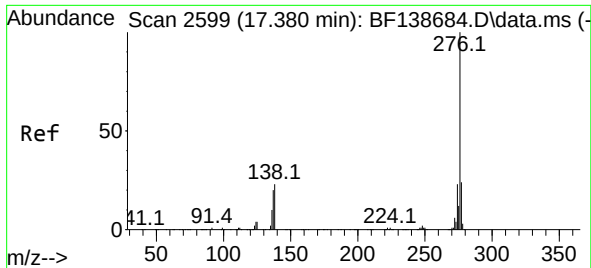
Delta R.T. 0.012 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

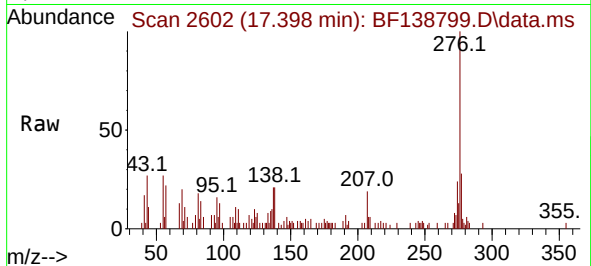
Tgt Ion:	252	Resp:	31805
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.3	25.9
125	11.6	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 6.017 ng
RT: 17.398 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE



Tgt Ion:	276	Resp:	16929
Ion Ratio	Lower	Upper	
276	100		
277	27.7	19.0	28.4
138	21.4	18.5	27.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

