

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138799.D
 Acq On : 05 Aug 2024 22:36
 Operator : RC/JU
 Sample : P3387-02
 Misc :
 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
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

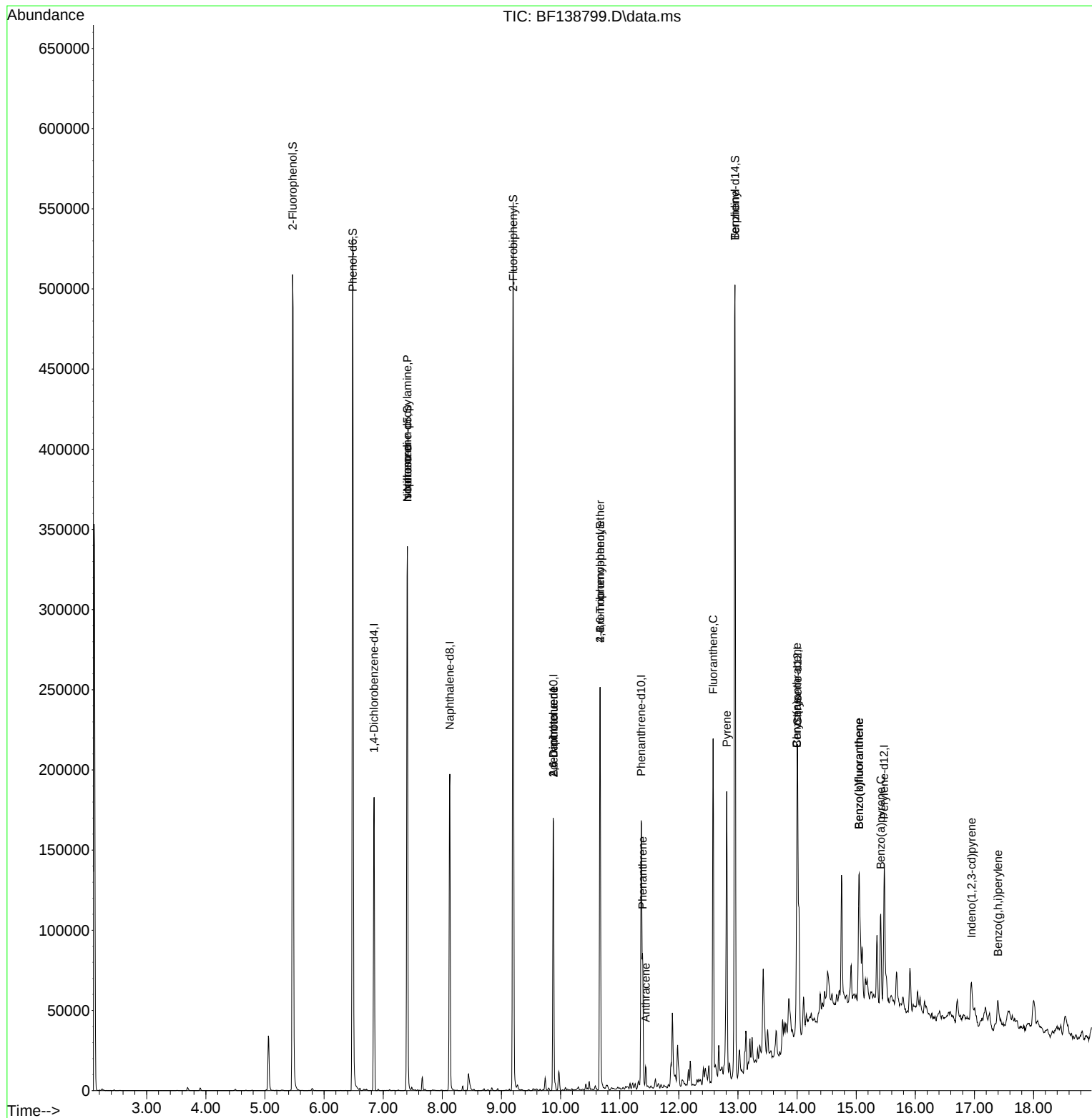
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	35237	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	120706	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	51971	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	86015	20.000	ng	0.00
76) Chrysene-d12	14.010	240	51860	20.000	ng	# 0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.410	70	19659	10.620	ng	# 77
25) Isophorone	7.410	82	142828	33.880	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	6756	9.008	ng	# 19
57) 2,4-Dinitrotoluene	9.880	165	6756	7.061	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	2656	2.852	ng	# 1
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
77) Benzidine	12.951	184	3117	2.513	ng	# 91
78) Pyrene	12.810	202	97577	19.984	ng	98
81) Benzo(a)anthracene	13.998	228	45907	12.855	ng	97
83) Chrysene	13.998	228	45907	14.248	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	16940	5.129	ng	# 93
88) Benzo(b)fluoranthene	15.051	252	63684	22.290	ng	98
89) Benzo(k)fluoranthene	15.051	252	63684	25.744	ng	97
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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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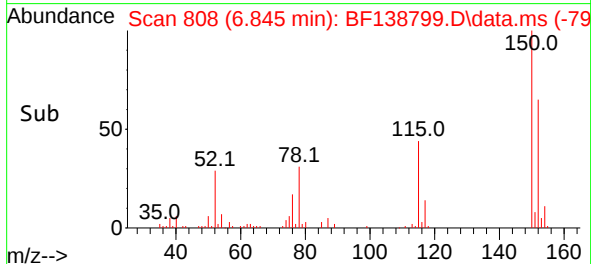
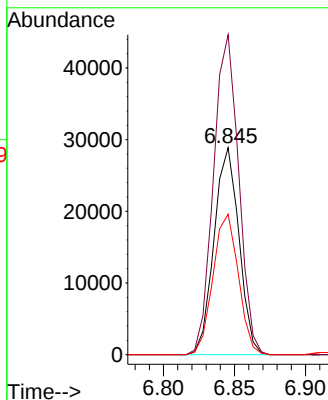
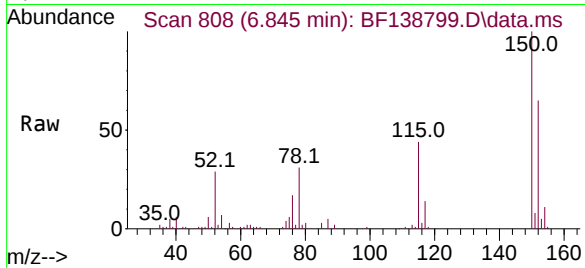




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

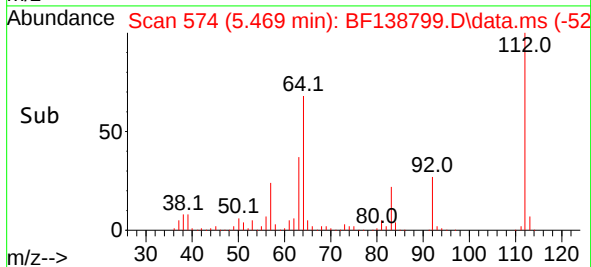
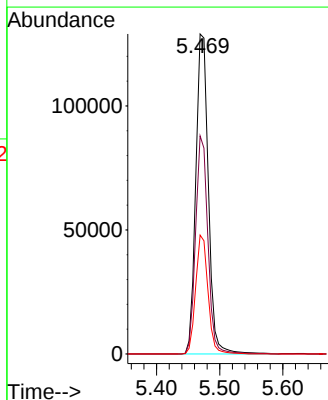
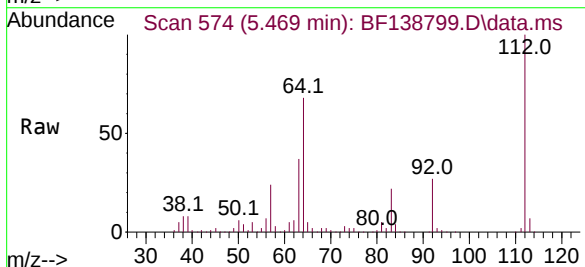
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

Tgt Ion:152 Resp: 35237
Ion Ratio Lower Upper
152 100
150 154.6 126.0 189.0
115 67.8 51.7 77.5



#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

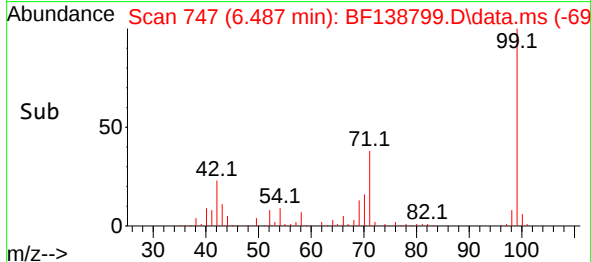
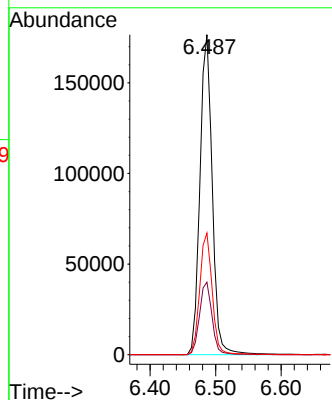
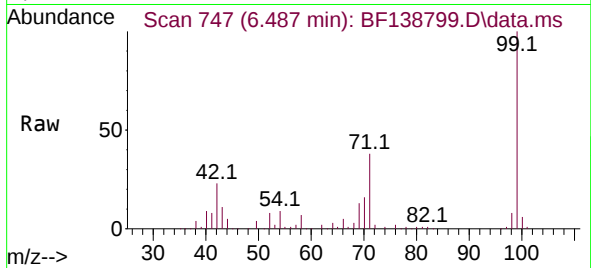




#7
Phenol-d6
Concen: 75.477 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

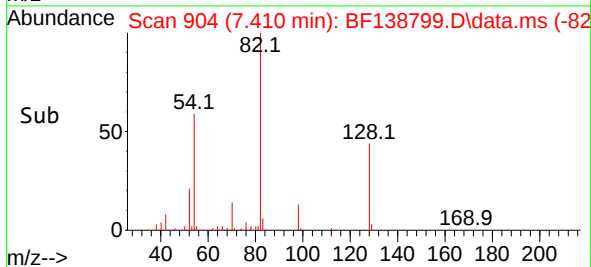
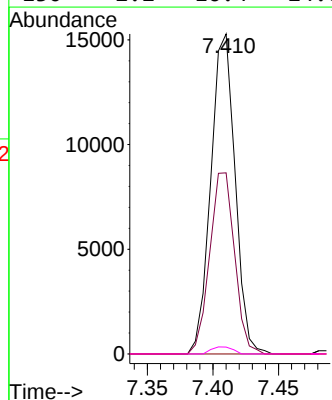
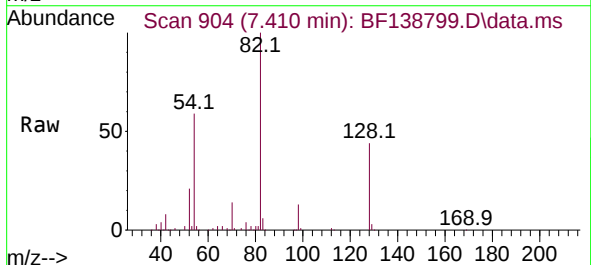
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

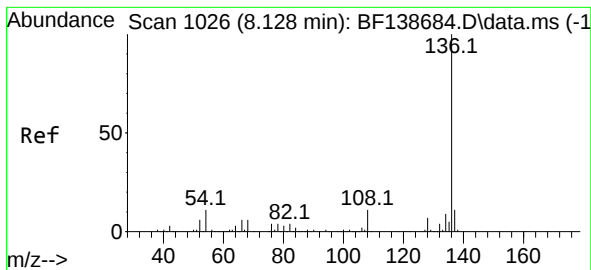
Tgt Ion: 99 Resp: 231318
Ion Ratio Lower Upper
99 100
42 22.7 17.4 26.0
71 38.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.620 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

Tgt Ion: 70 Resp: 19659
Ion Ratio Lower Upper
70 100
42 56.6 57.4 86.0#
101 0.0 7.5 11.3#
130 2.2 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138799.D

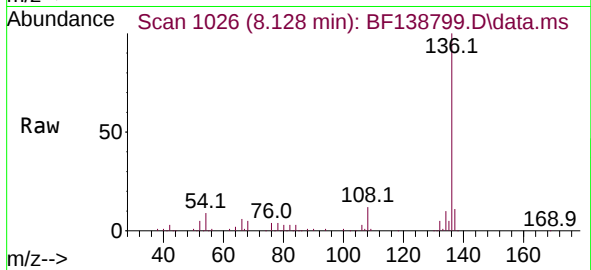
Acq: 05 Aug 2024 22:36

Instrument :

BNA_F

ClientSampleId :

WC-9-Full Waste ClassRE



Tgt Ion:136 Resp: 120706

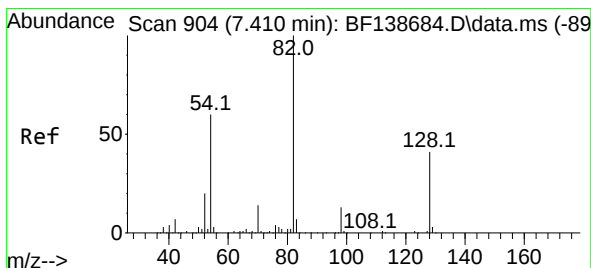
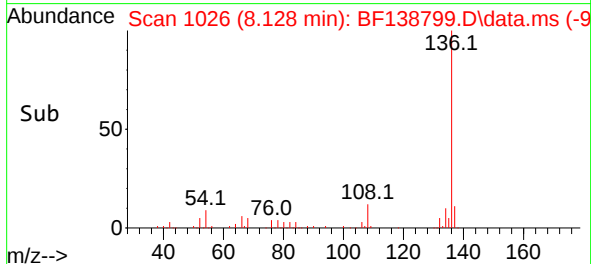
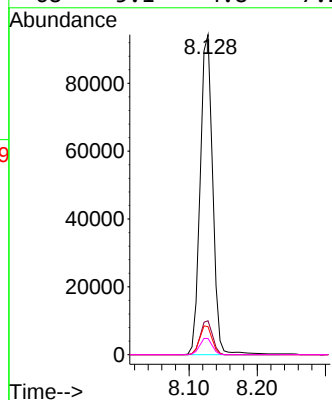
Ion	Ratio	Lower	Upper
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136	100		
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137	10.6	8.9	13.3
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54	8.8	8.6	12.8
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68	5.1	4.8	7.2
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#23

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

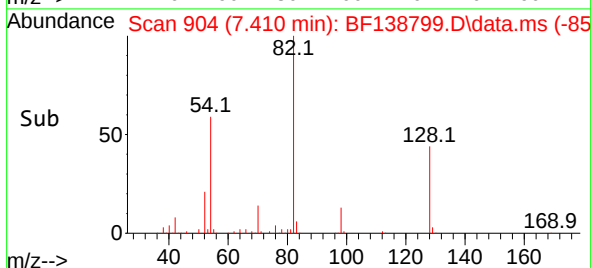
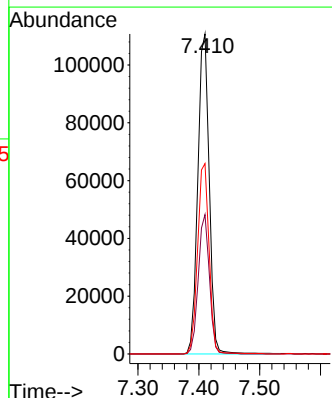
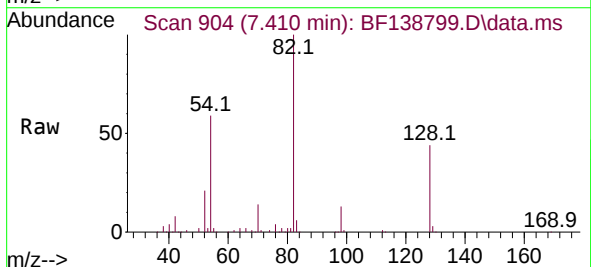
Tgt Ion: 82 Resp: 144528

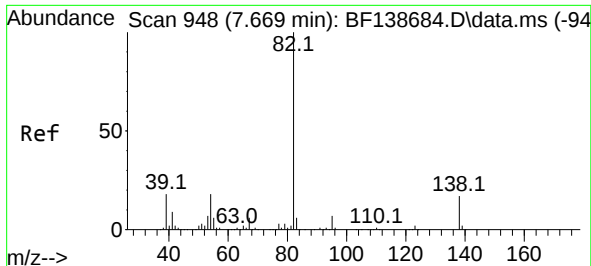
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

82	100		
----	-----	--	--

128	43.5	32.8	49.2
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54	59.5	48.3	72.5
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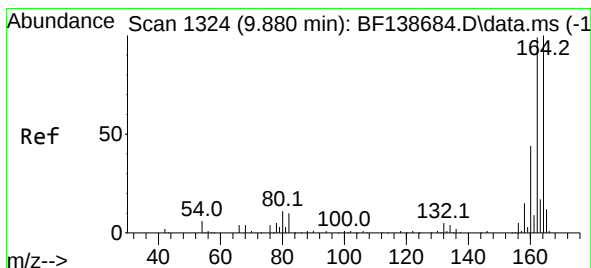
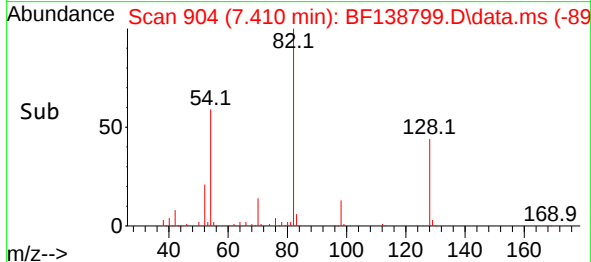
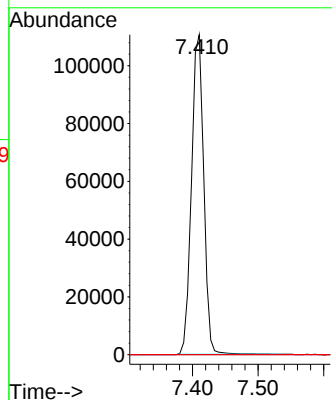
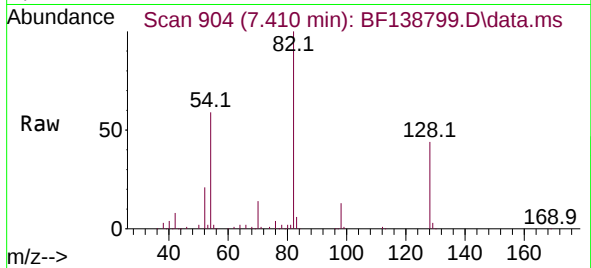




#25
Isophorone
Concen: 33.880 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

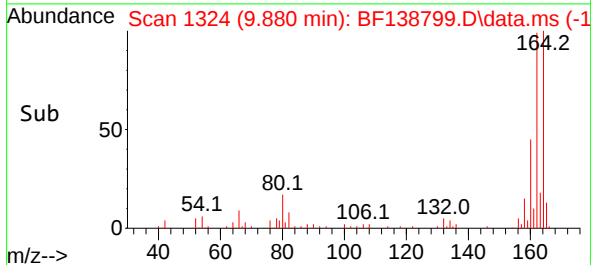
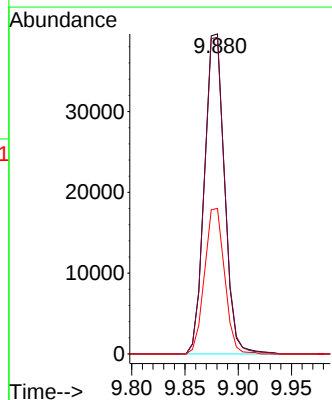
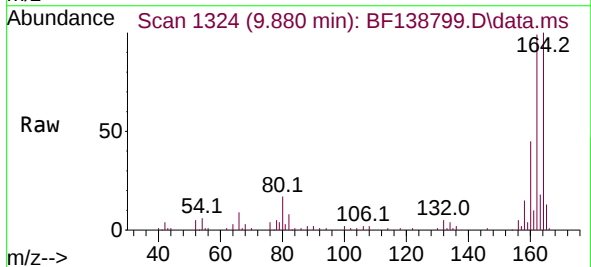
Instrument :
BNA_F
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WC-9-Full Waste ClassRE

Tgt Ion: 82 Resp: 142828
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#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

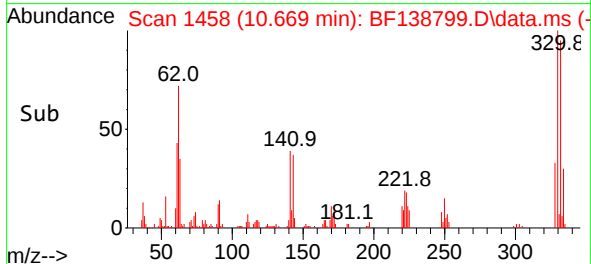
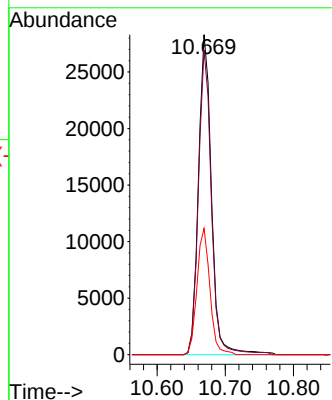
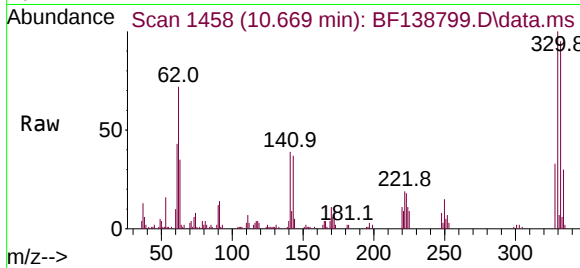




#42
2,4,6-Tribromophenol
Concen: 88.384 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

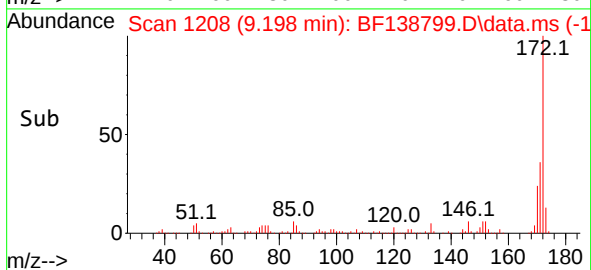
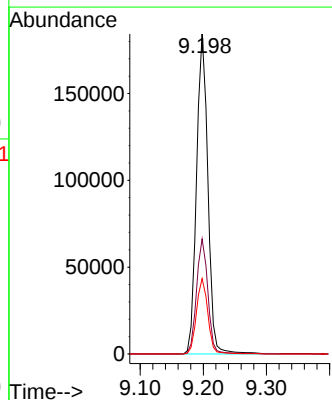
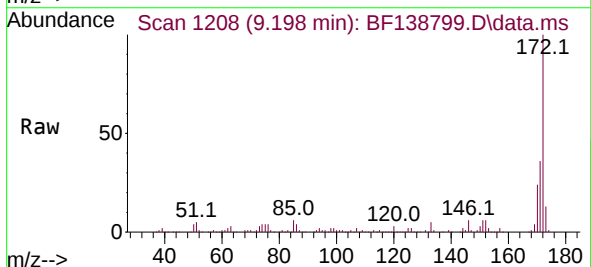
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

Tgt Ion:330 Resp: 37626
Ion Ratio Lower Upper
330 100
332 94.4 76.4 114.6
141 38.9 31.1 46.7



#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

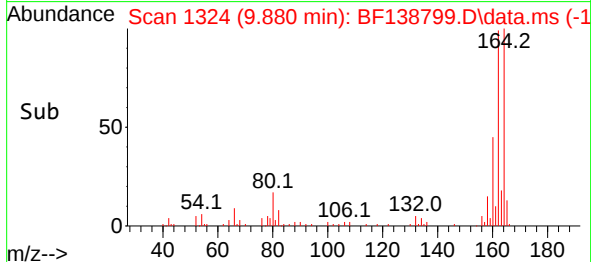
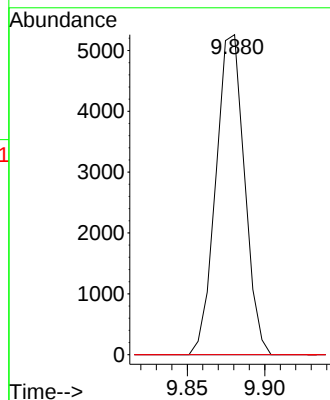
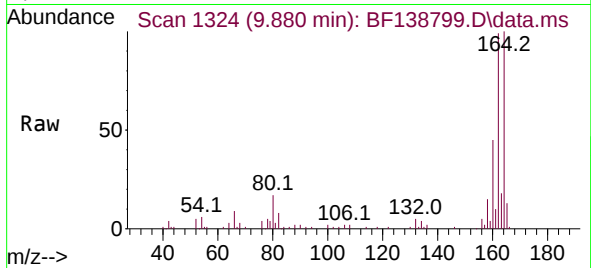




#51
2,6-Dinitrotoluene
Concen: 9.008 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

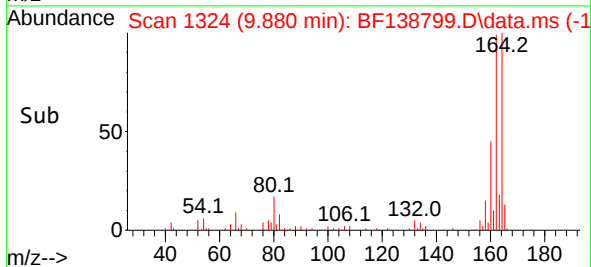
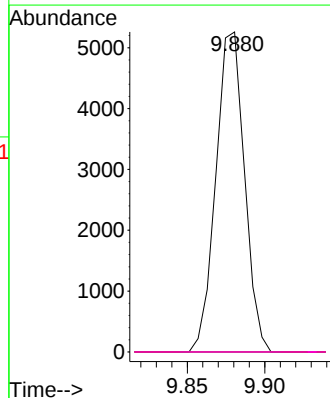
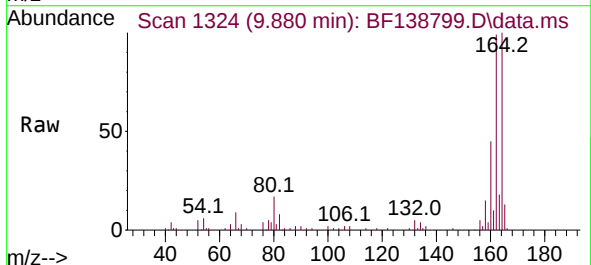
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

Tgt Ion:165 Resp: 6756
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.061 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

Tgt Ion:165 Resp: 6756
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

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

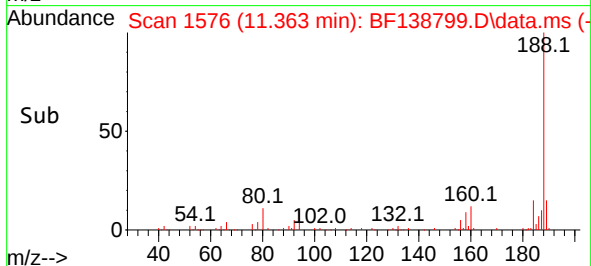
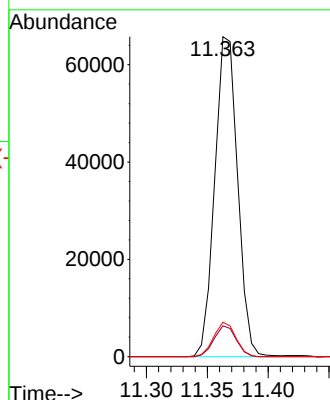
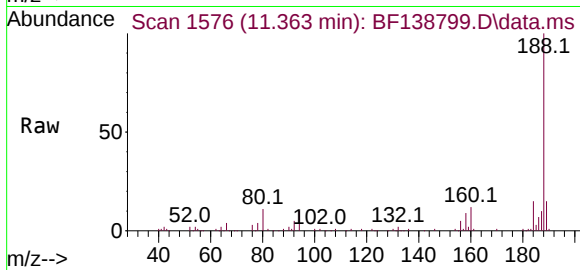
Tgt Ion:188 Resp: 86015

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.852 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

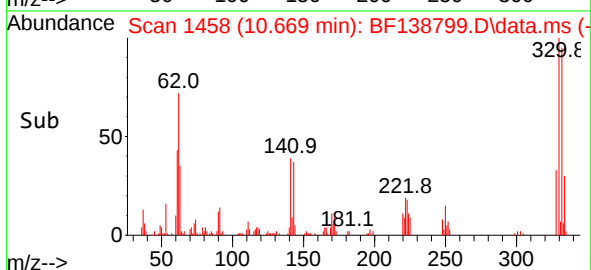
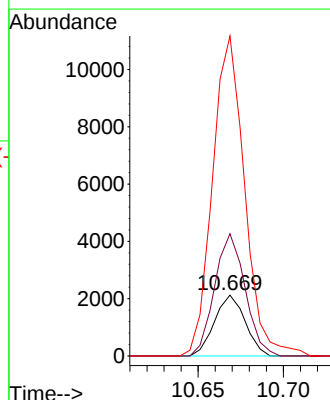
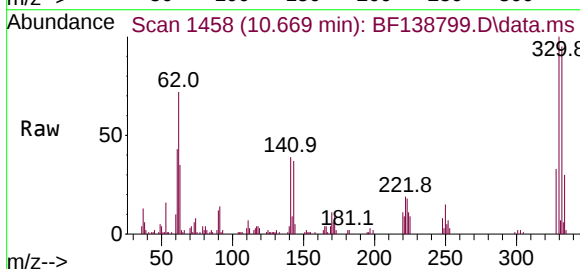
Tgt Ion:248 Resp: 2656

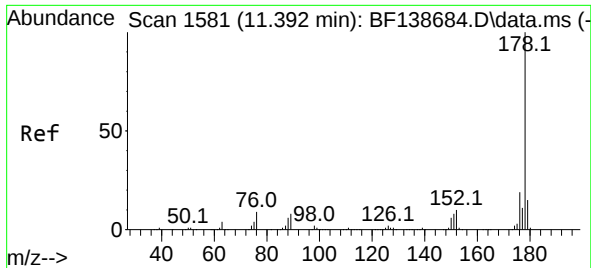
Ion Ratio Lower Upper

248 100

250 200.8 77.7 116.5#

141 525.7 68.0 102.0#

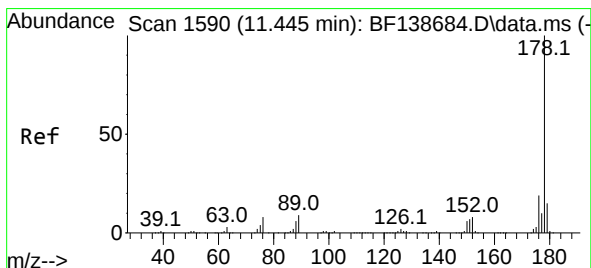
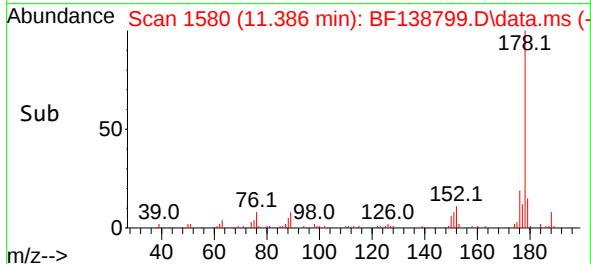
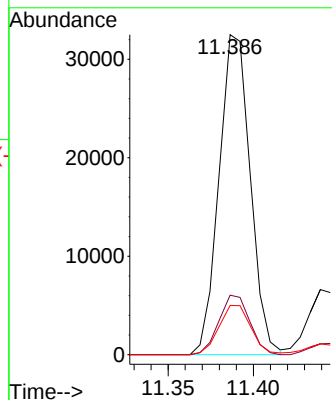
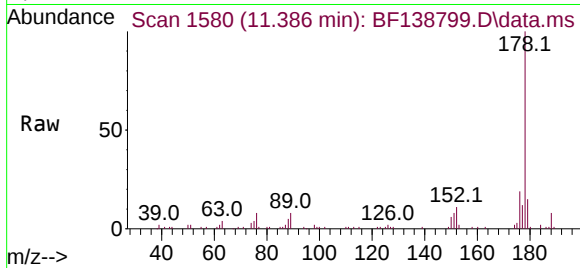




#71
Phenanthrene
Concen: 9.367 ng
RT: 11.386 min Scan# 11386
Delta R.T. -0.006 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

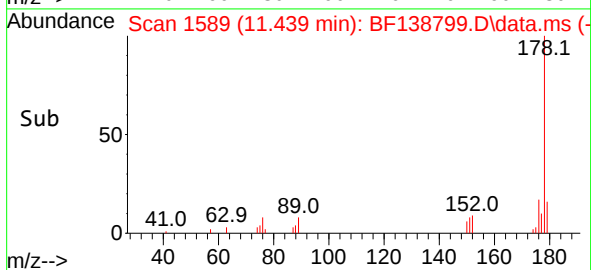
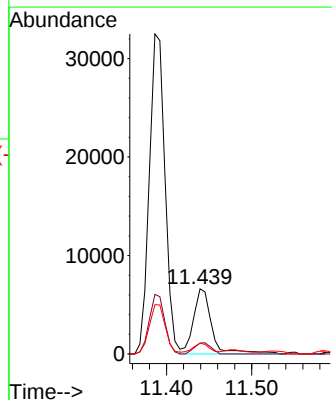
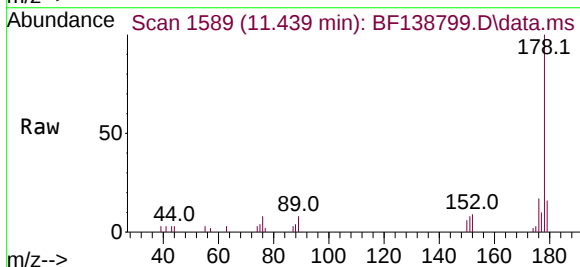
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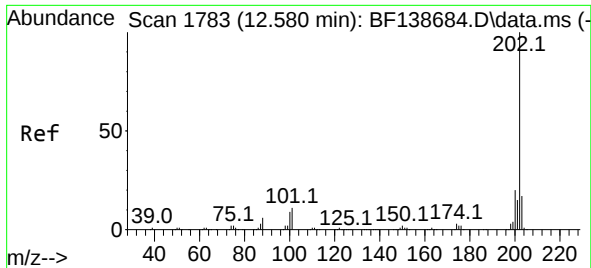
Tgt Ion:178 Resp: 41488
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.4 12.2 18.2



#72
Anthracene
Concen: 2.260 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

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

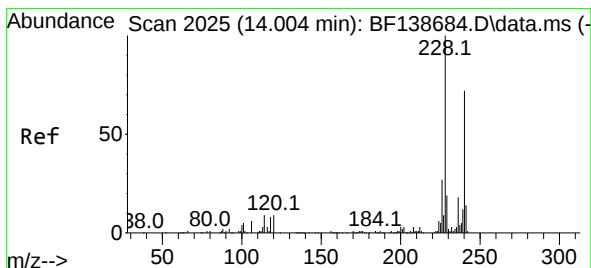
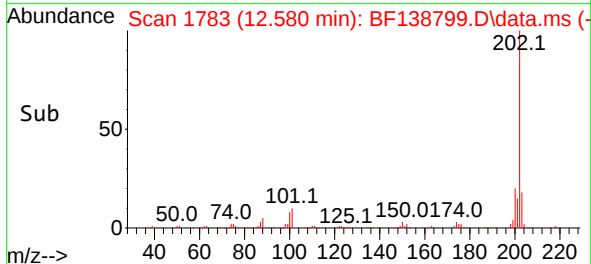
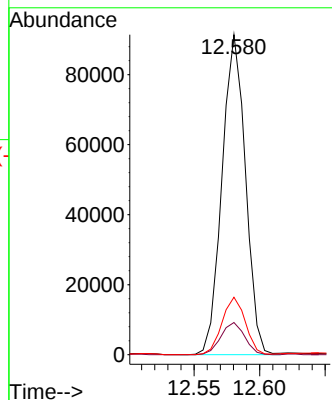
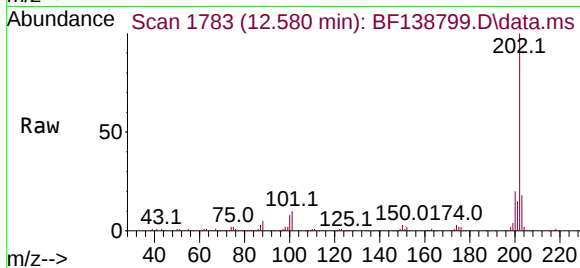




#75
Fluoranthene
Concen: 27.496 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

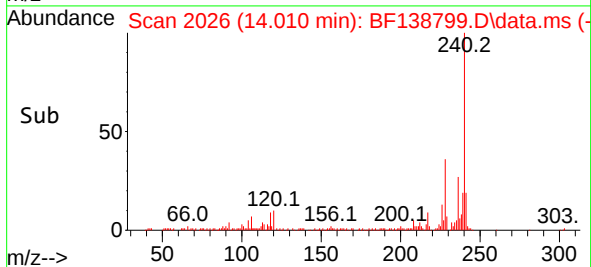
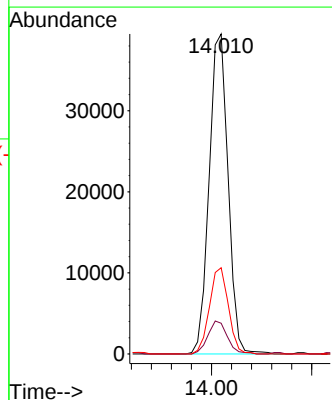
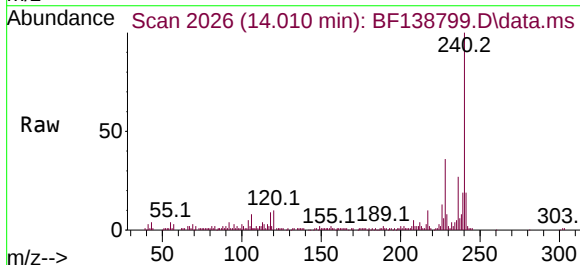
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

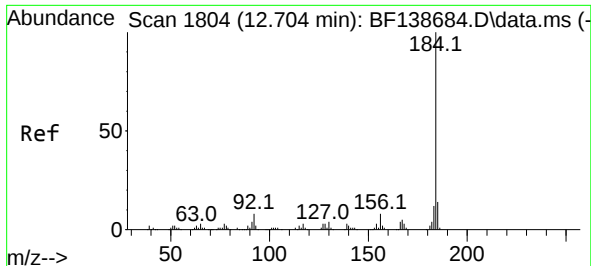
Tgt Ion:202 Resp: 113689
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.9 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

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

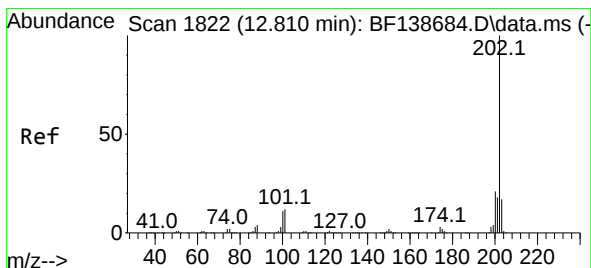
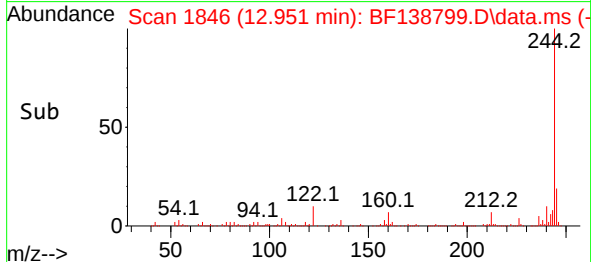
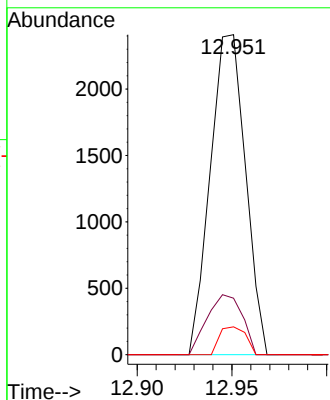
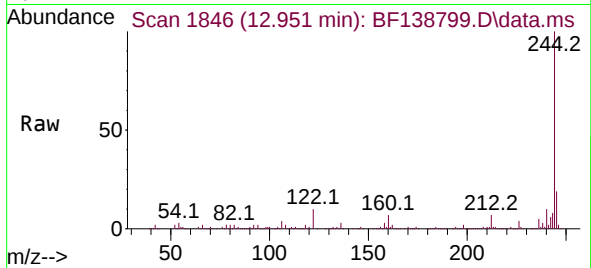




#77
Benzidine
Concen: 2.513 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

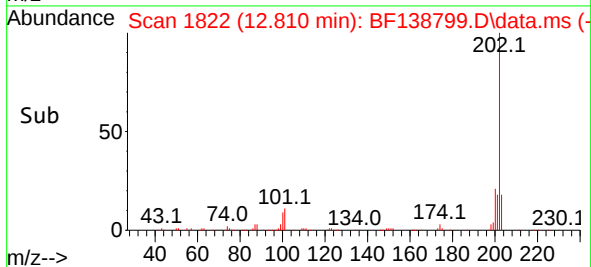
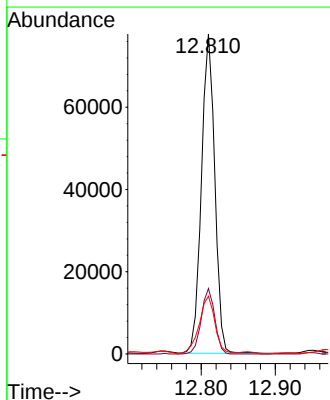
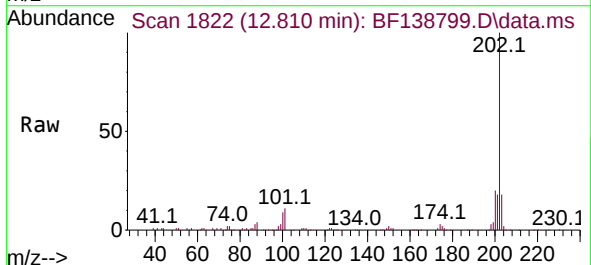
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

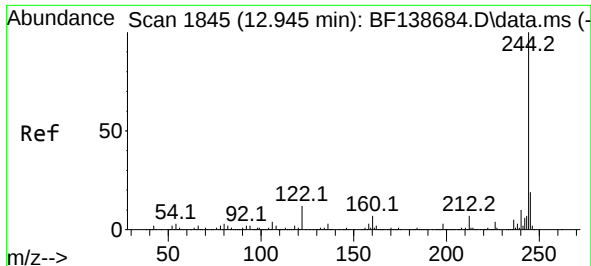
Tgt Ion:184 Resp: 3117
Ion Ratio Lower Upper
184 100
185 17.6 11.1 16.7#
183 8.7 9.6 14.4#



#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

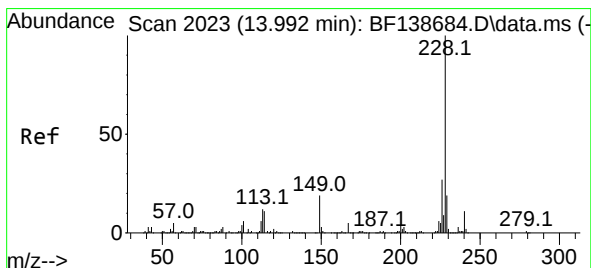
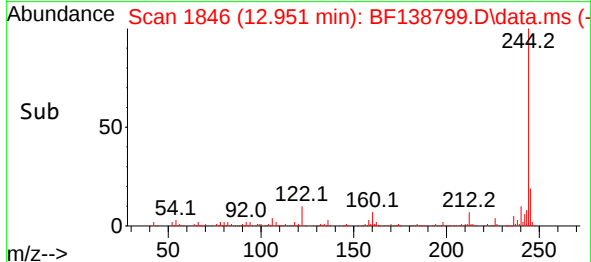
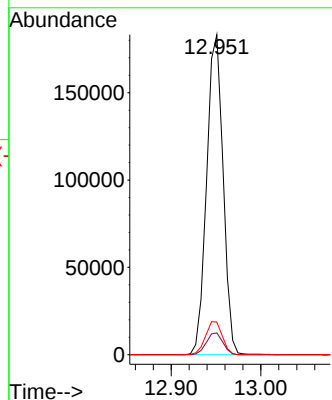
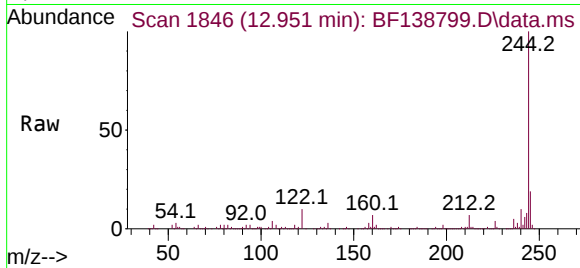




#79
Terphenyl-d14
Concen: 75.264 ng
RT: 12.951 min Scan# 1845
Delta R.T. 0.006 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

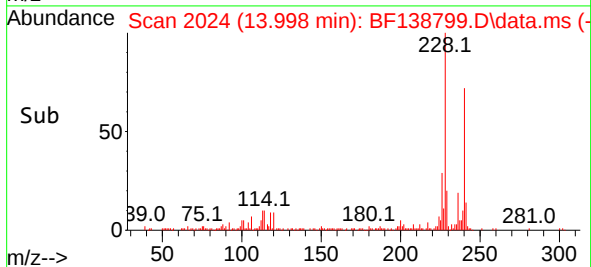
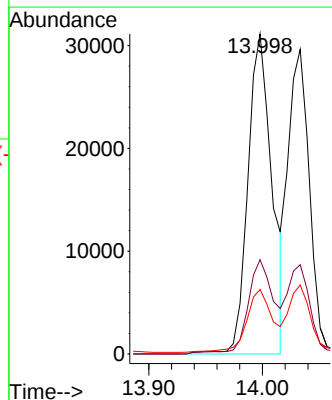
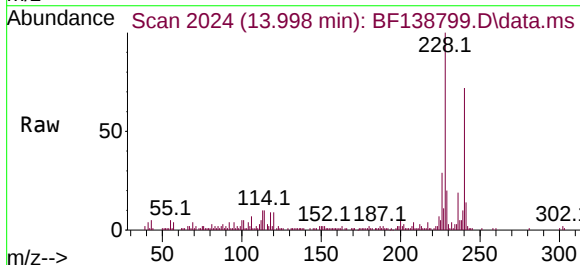
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

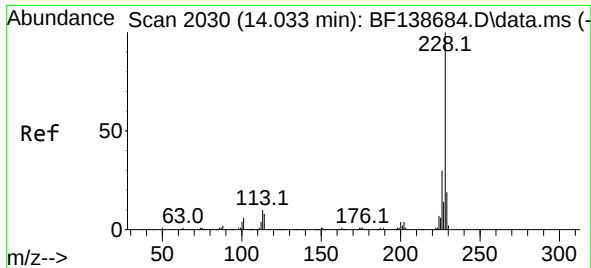
Tgt Ion:244 Resp: 233128
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.2 9.6 14.4



#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

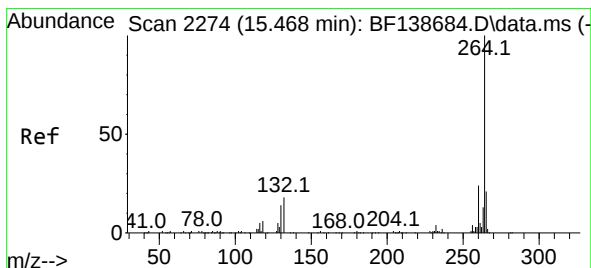
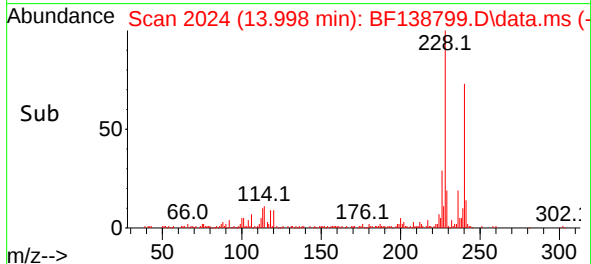
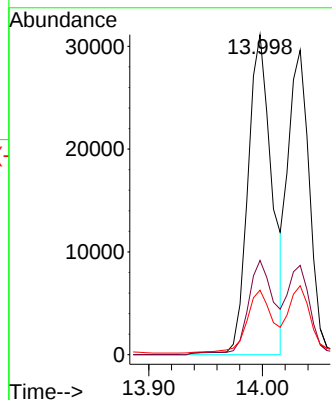
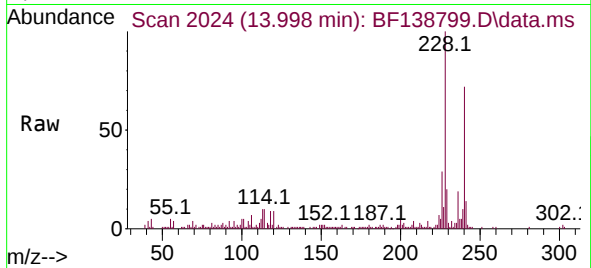




#83
Chrysene
Concen: 14.248 ng
RT: 13.998 min Scan# 2030
Delta R.T. -0.035 min
Lab File: BF138799.D
Acq: 05 Aug 2024 22:36

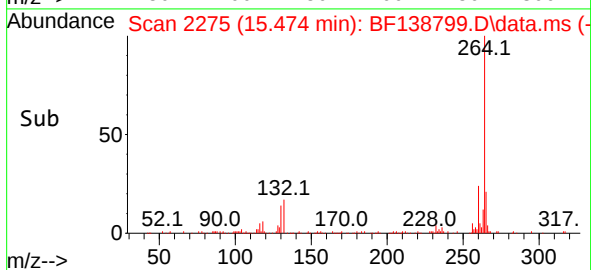
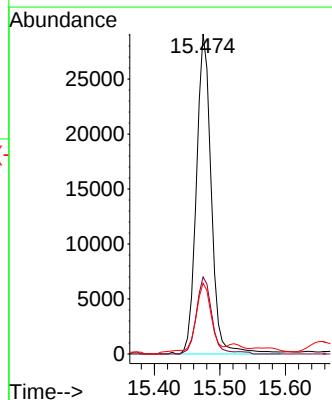
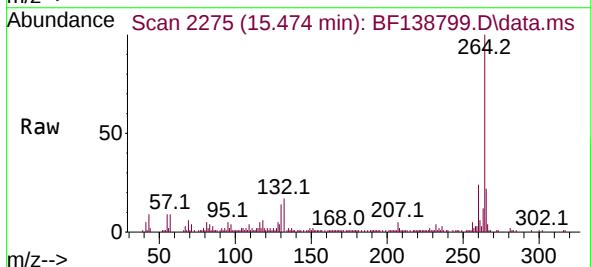
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste ClassRE

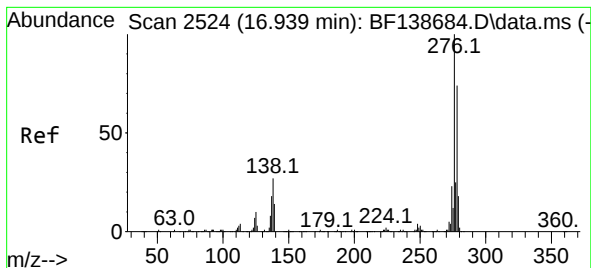
Tgt Ion:228	Resp:	45907
Ion Ratio	Lower	Upper
228	100	
226	29.5	23.7 35.5
229	20.1	15.0 22.6



#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

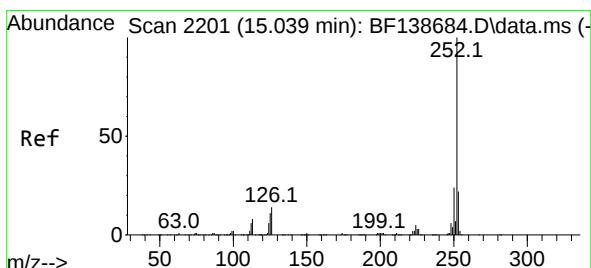
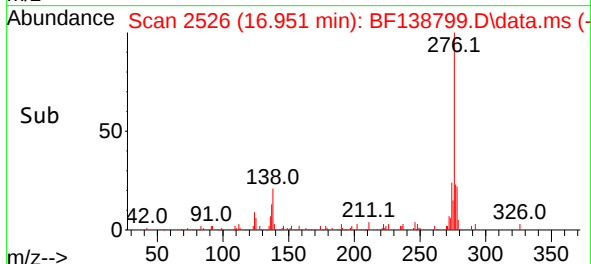
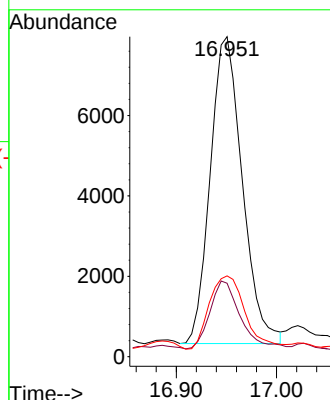
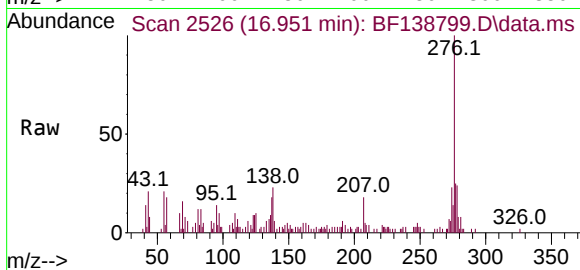
Instrument :

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



#88

Benzo(b)fluoranthene

Concen: 22.290 ng

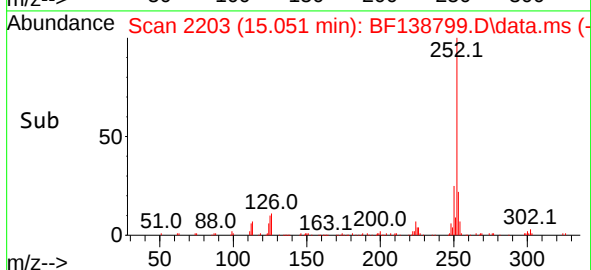
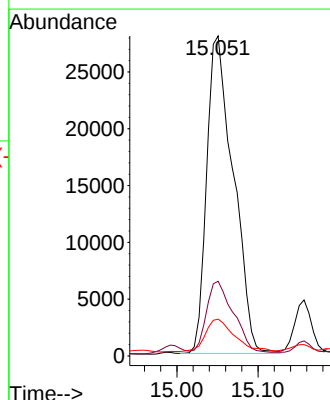
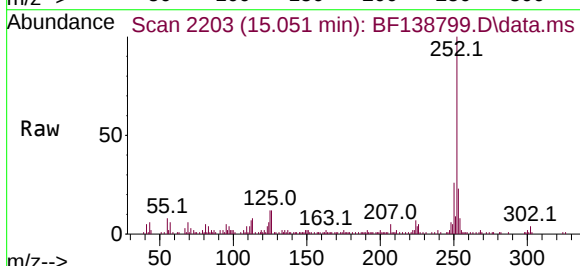
RT: 15.051 min Scan# 2203

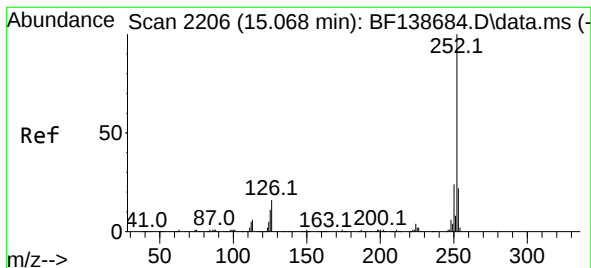
Delta R.T. 0.012 min

Lab File: BF138799.D

Acq: 05 Aug 2024 22:36

Tgt Ion:	252	Resp:	63684
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: 25.744 ng

RT: 15.051 min Scan# 21

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

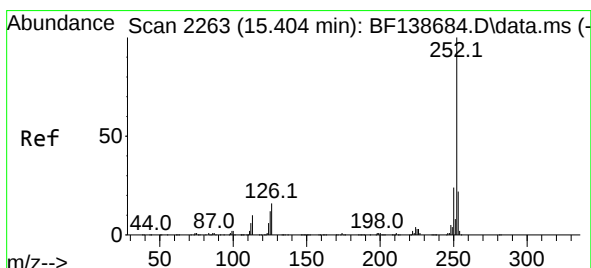
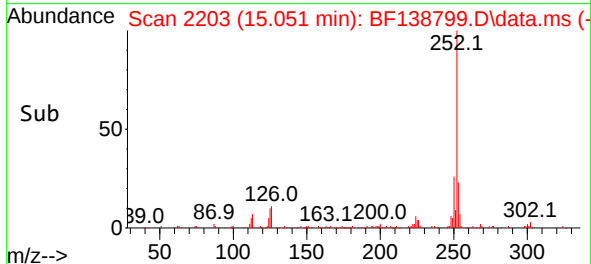
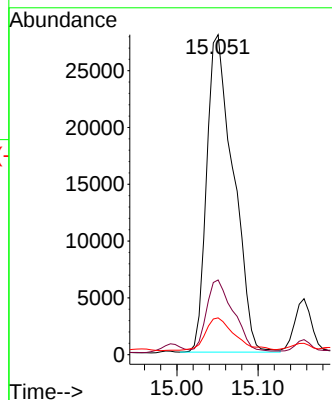
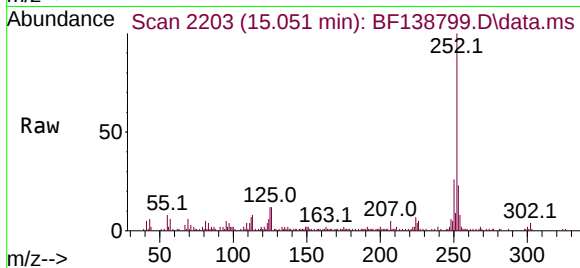
Tgt Ion:252 Resp: 63684

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 11.5 8.6 13.0



#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

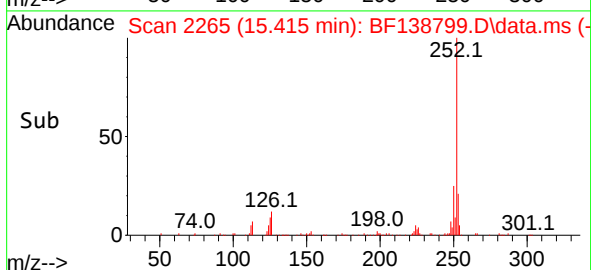
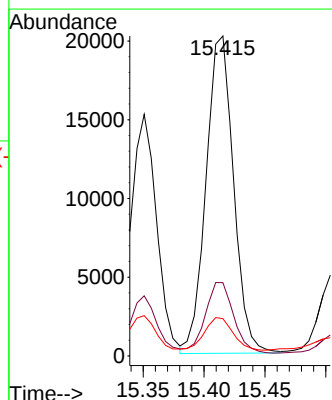
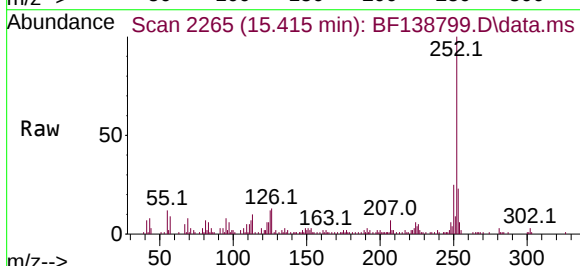
Tgt Ion:252 Resp: 31805

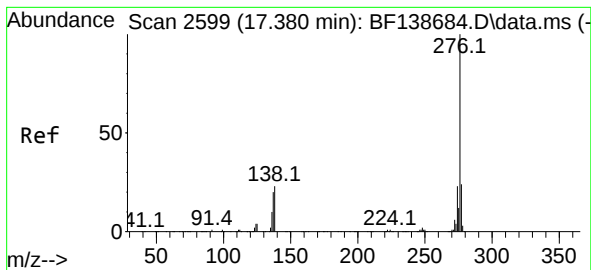
Ion Ratio Lower Upper

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

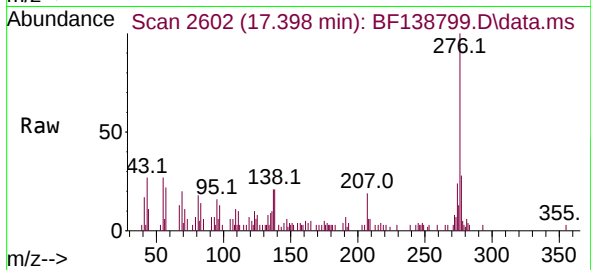
Acq: 05 Aug 2024 22:36

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

