Quantitation Report (Not Reviewed)

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

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

Quant Time: Jul 31 14:26:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	54270	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	200520	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	92287	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	149393	20.000	ng		0.00
76) Chrysene-d12	14.004	240	132113	20.000	ng		0.00
86) Perylene-d12	15.469	264	112613	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	288712	82.121	ng		0.00
7) Phenol-d6	6.475	99	373917	79.217	ng		-0.01
23) Nitrobenzene-d5	7.404	82	244228	59.548	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	59468	78.666	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	360249	58.651	ng		0.00
79) Terphenyl-d14	12.945	244	366266	46.417	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	33298	11.680	ng	#	76
25) Isophorone	7.404	82	242816	34.672	ng	#	66
51) 2,6-Dinitrotoluene	9.875	165	11661	8.756	ng	#	19
57) 2,4-Dinitrotoluene	9.875	165	11661	6.863	ng	#	16
67) 4-Bromophenyl-phenylether	10.663	248	4059	2.509	ng	#	1
71) Phenanthrene	11.386	178	45512	5.916	ng		99
75) Fluoranthene	12.575	202	106551	14.837	ng		100
78) Pyrene	12.804	202	98011	7.879	ng		99
81) Benzo(a)anthracene	13.992	228	57820	6.356	ng		98
83) Chrysene	14.027	228	49183	5.992	ng		95
87) Indeno(1,2,3-cd)pyrene	16.927	276	16572	2.053	ng	#	93
88) Benzo(b)fluoranthene	15.039	252	75808	10.859	ng		96
89) Benzo(k)fluoranthene	15.039	252	75808	12.542	ng		95
90) Benzo(a)pyrene	15.404	252	34927	5.948	ng		96
92) Benzo(g,h,i)perylene	17.368	276	18248	2.654	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
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Misc :
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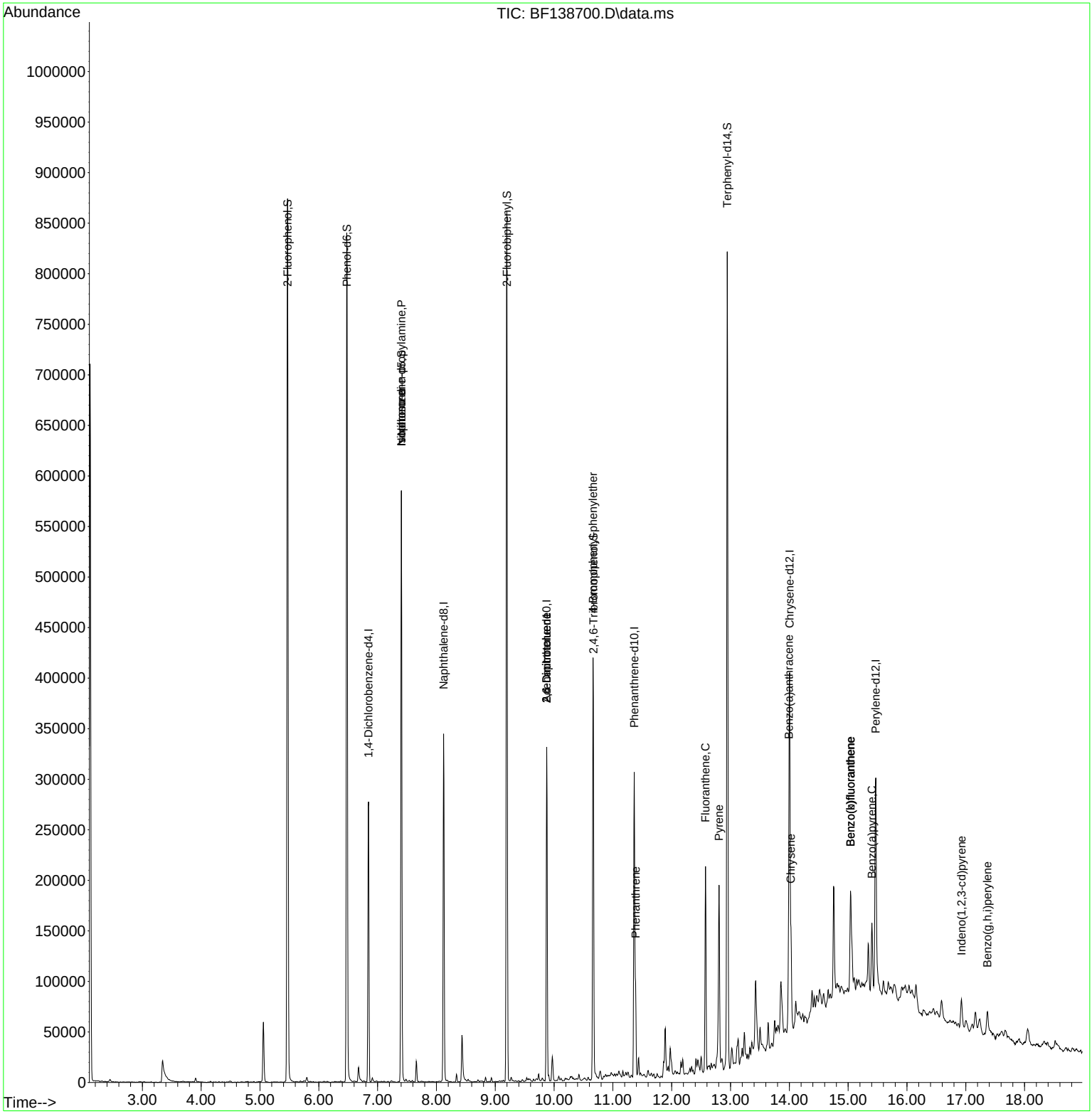
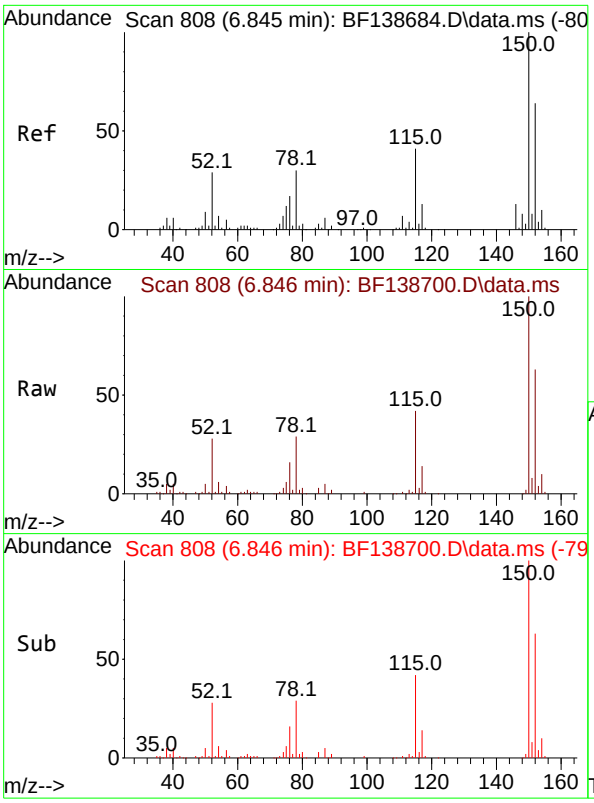
WC-8-Full Waste Class

Quant Time: Jul 31 14:26:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



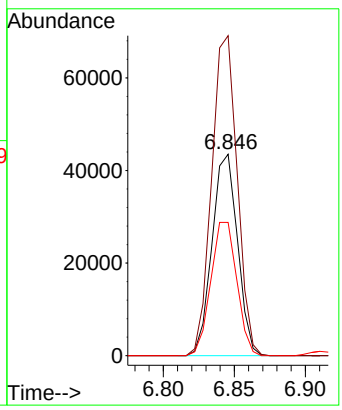


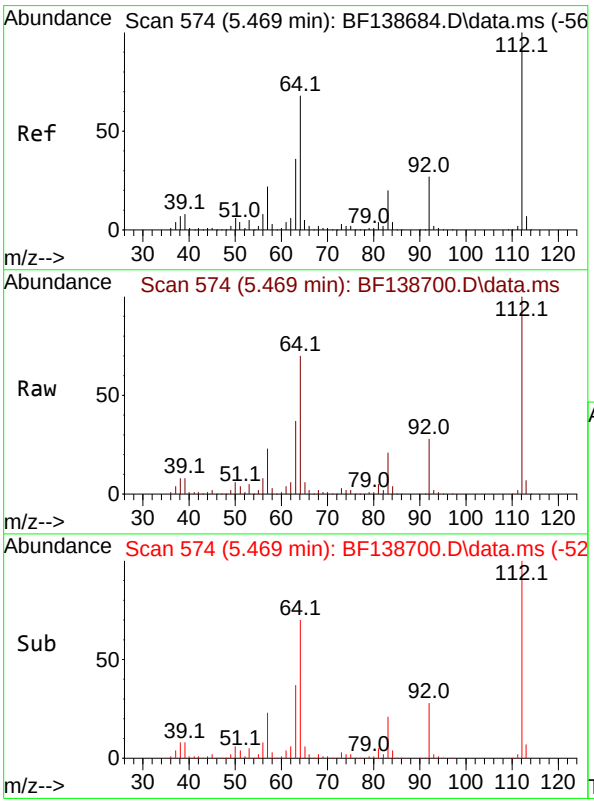
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 8
Delta R.T. 0.001 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:152 Resp: 54270

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.0	189.0
115	66.2	51.7	77.5

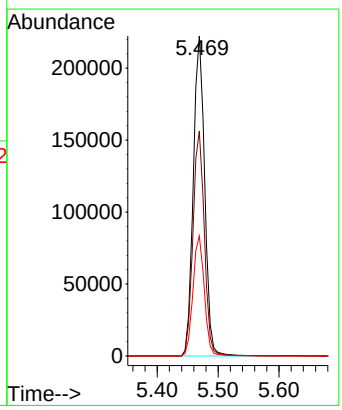


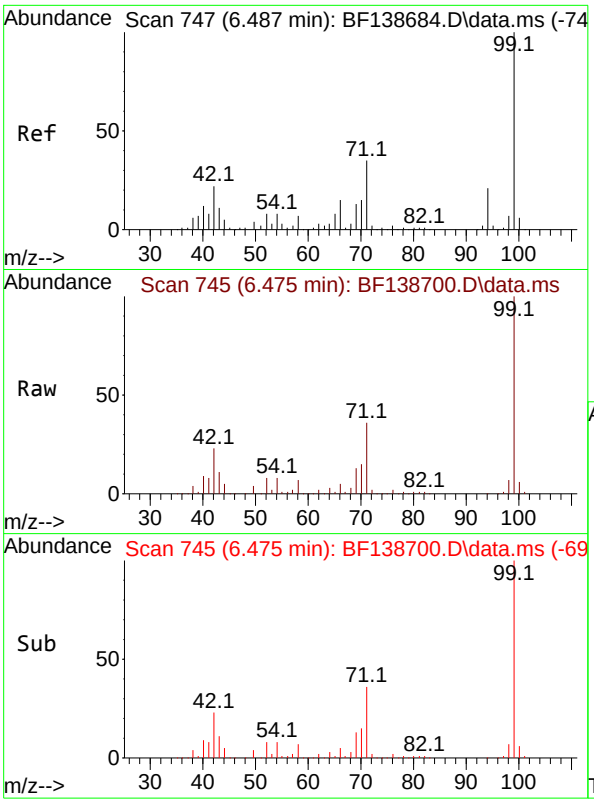


#5
2-Fluorophenol
Concen: 82.121 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:112 Resp: 288712

Ion	Ratio	Lower	Upper
112	100		
64	70.2	54.2	81.4
63	37.5	28.7	43.1



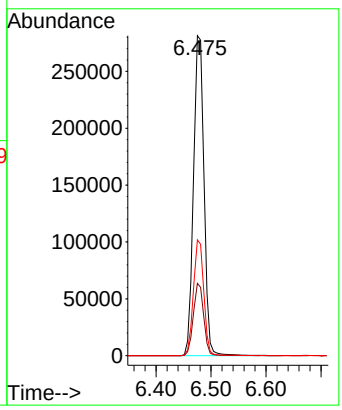


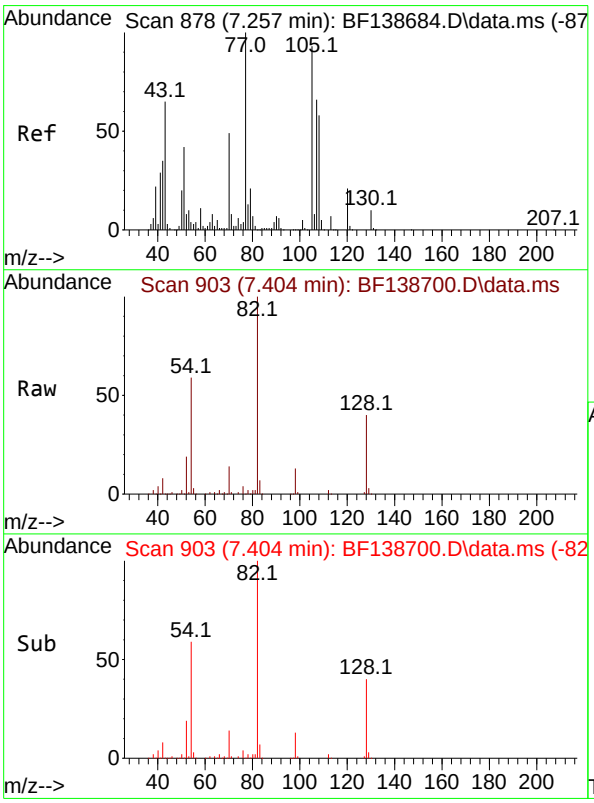
#7
Phenol-d6
Concen: 79.217 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion: 99 Resp: 373917

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	36.2	28.1	42.1

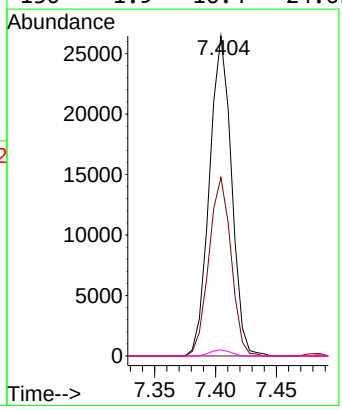


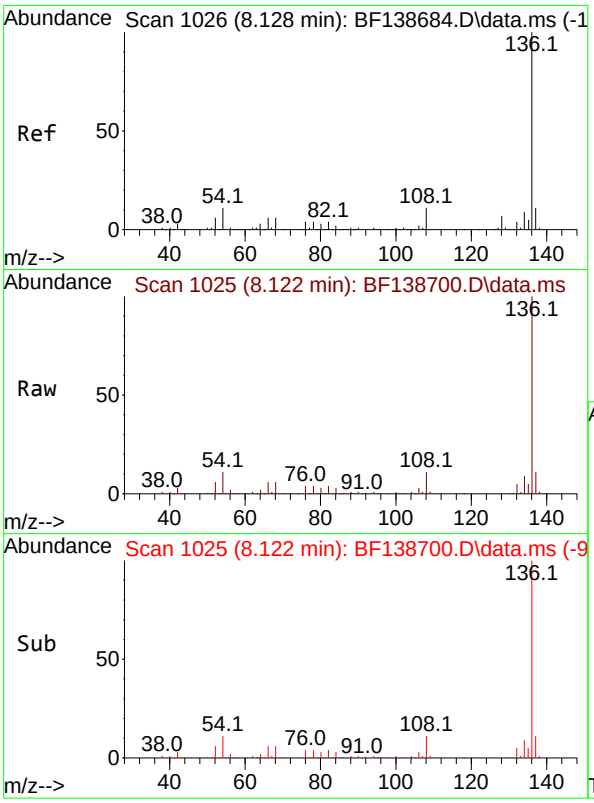


#19
n-Nitroso-di-n-propylamine
Concen: 11.680 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion: 70 Resp: 33298

Ion	Ratio	Lower	Upper
70	100		
42	55.8	57.4	86.0#
101	0.0	7.5	11.3#
130	1.9	16.4	24.6#



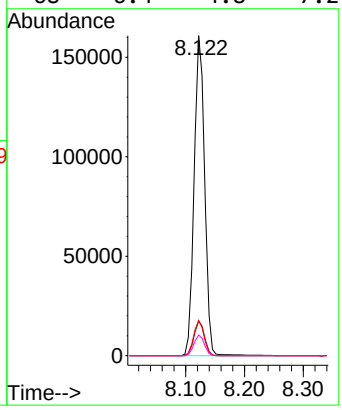


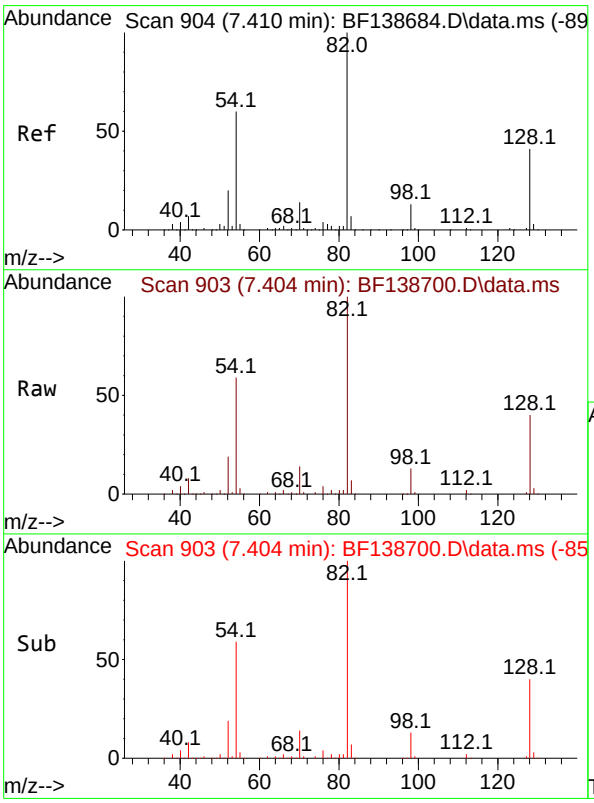
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:136 Resp: 200520

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

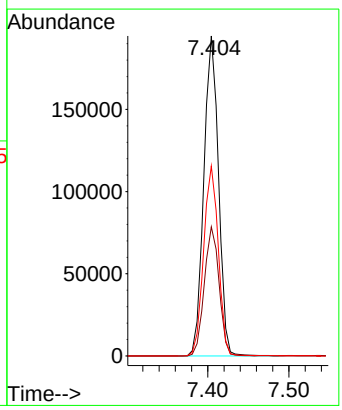


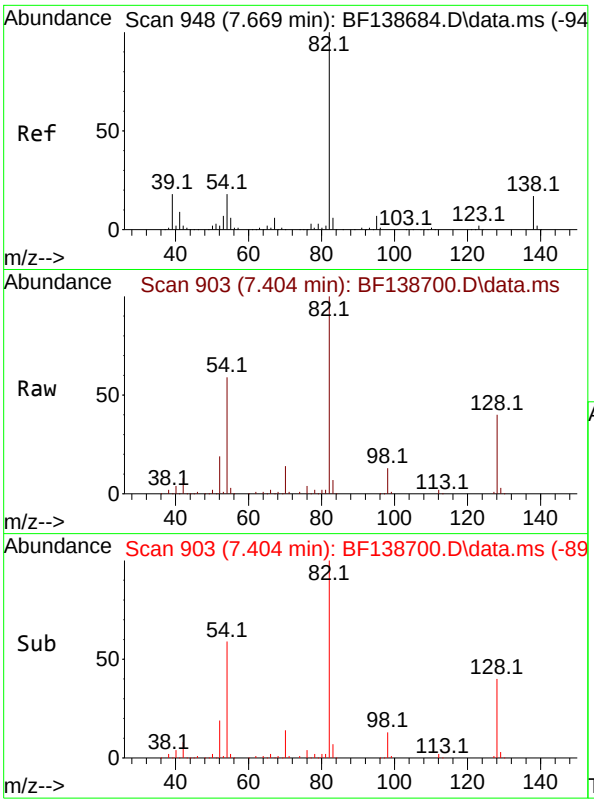


#23
Nitrobenzene-d5
Concen: 59.548 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion: 82 Resp: 244228

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



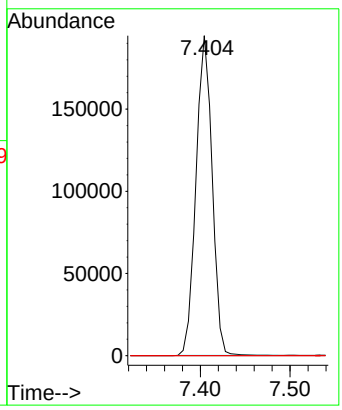


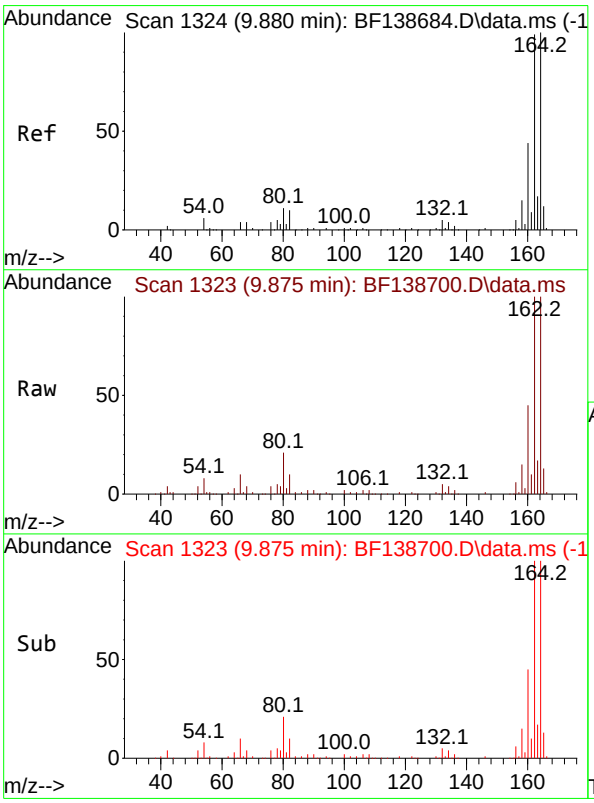
#25
Isophorone
Concen: 34.672 ng
RT: 7.404 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion: 82 Resp: 242816

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.7	20.5#

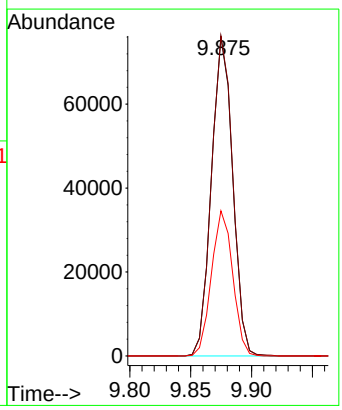


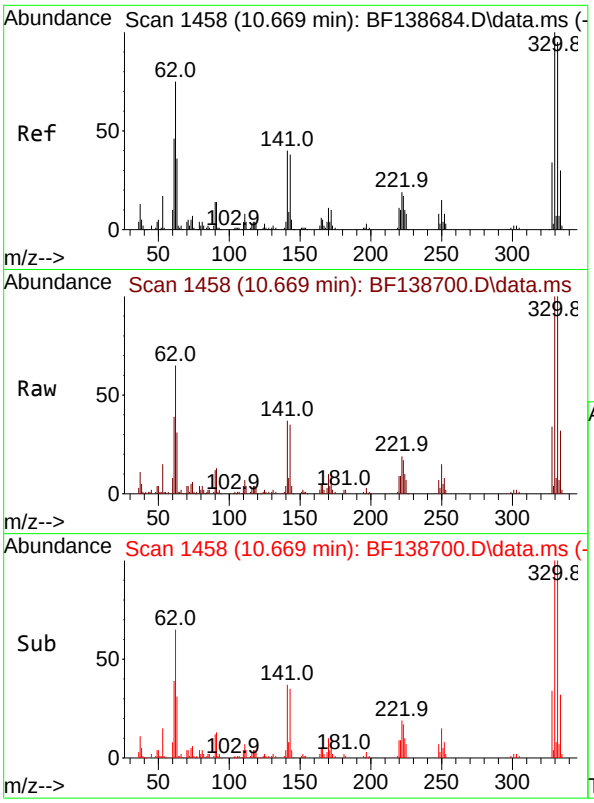


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:164 Resp: 92287

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



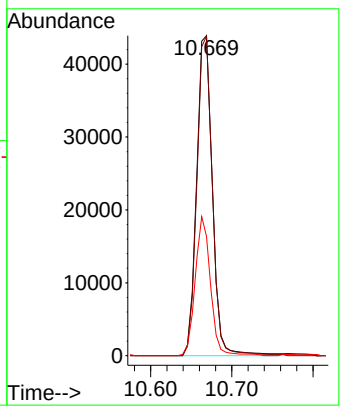


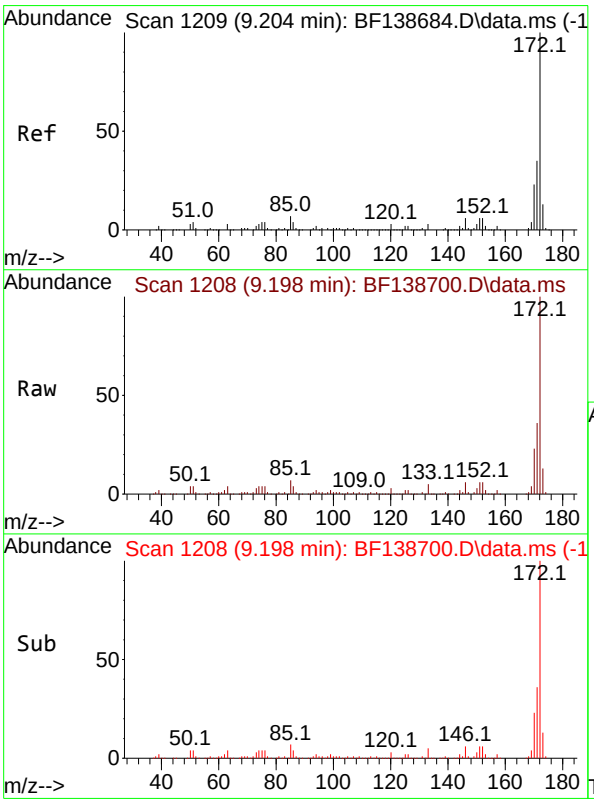
#42
2,4,6-Tribromophenol
Concen: 78.666 ng
RT: 10.669 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:330 Resp: 59468

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.4	114.6
141	42.0	31.1	46.7

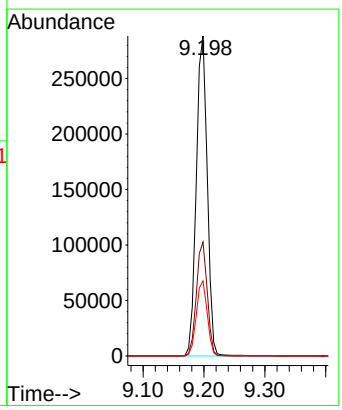


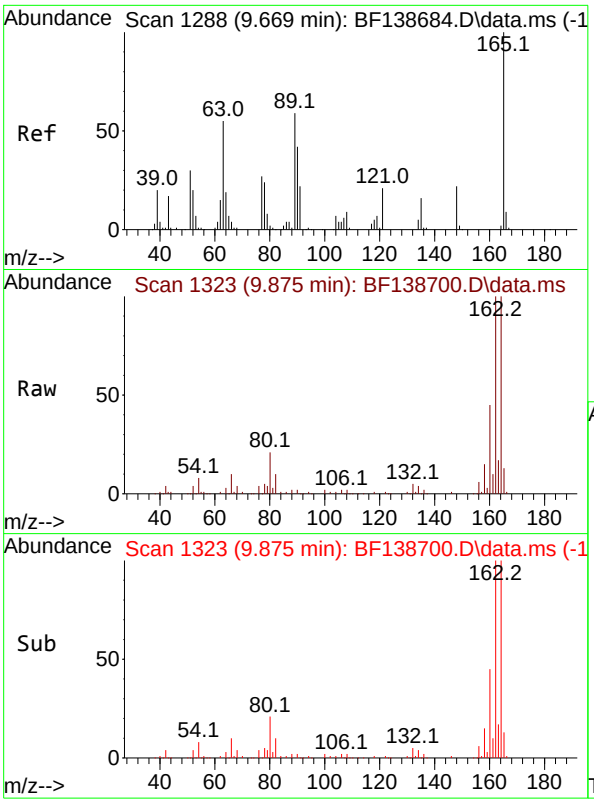


#45
2-Fluorobiphenyl
Concen: 58.651 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:172 Resp: 360249

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.4	18.8	28.2



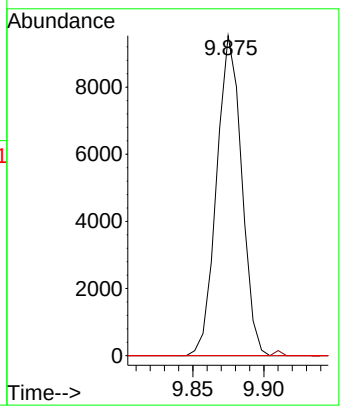


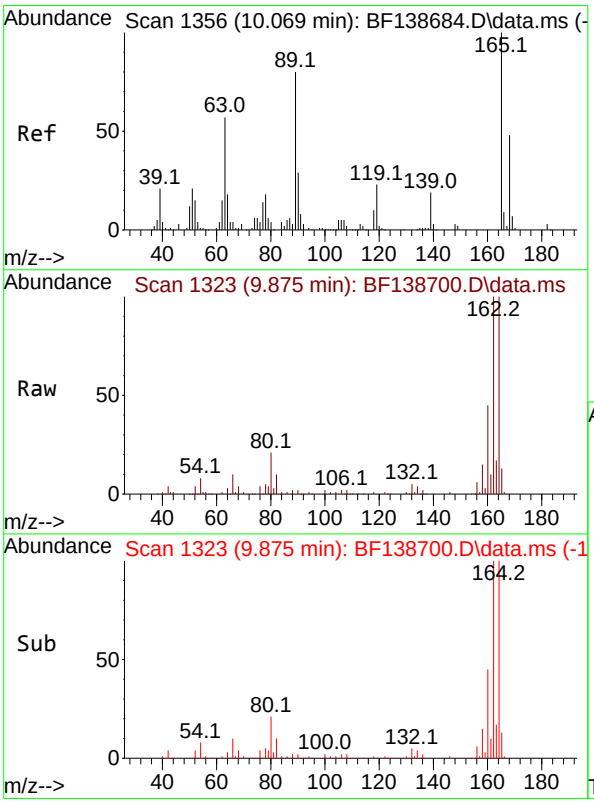
#51
2,6-Dinitrotoluene
Concen: 8.756 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:165 Resp: 11661

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.0	78.0#
89	0.0	47.0	70.6#

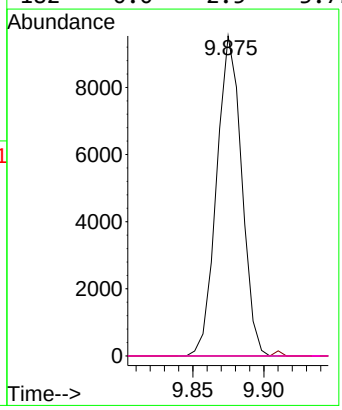


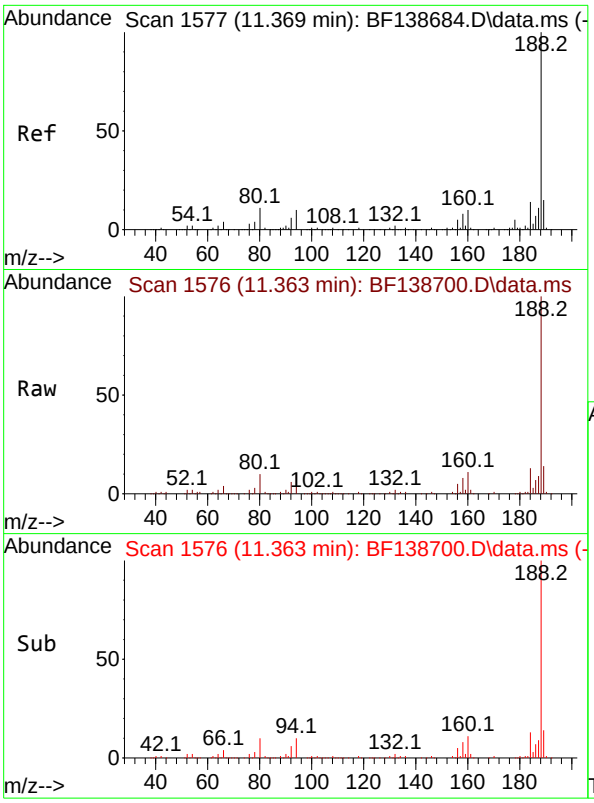


#57
2,4-Dinitrotoluene
Concen: 6.863 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:165 Resp: 11661

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#



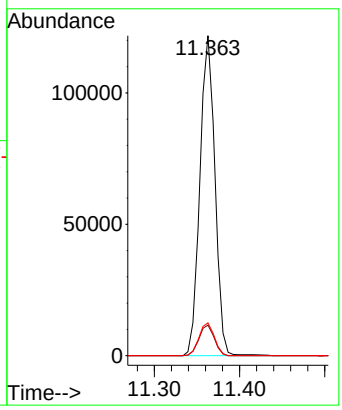


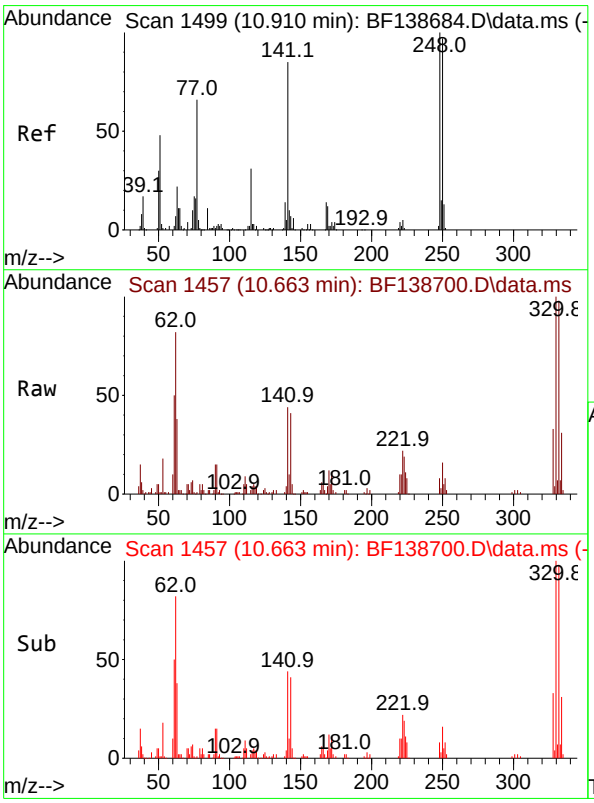
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:188 Resp: 149393

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	10.3	8.6	12.8

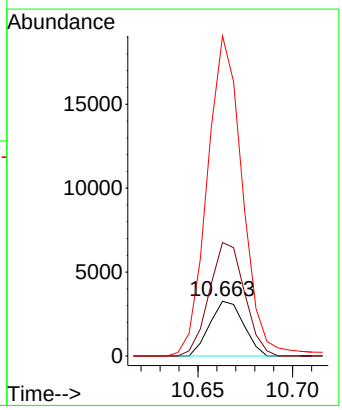


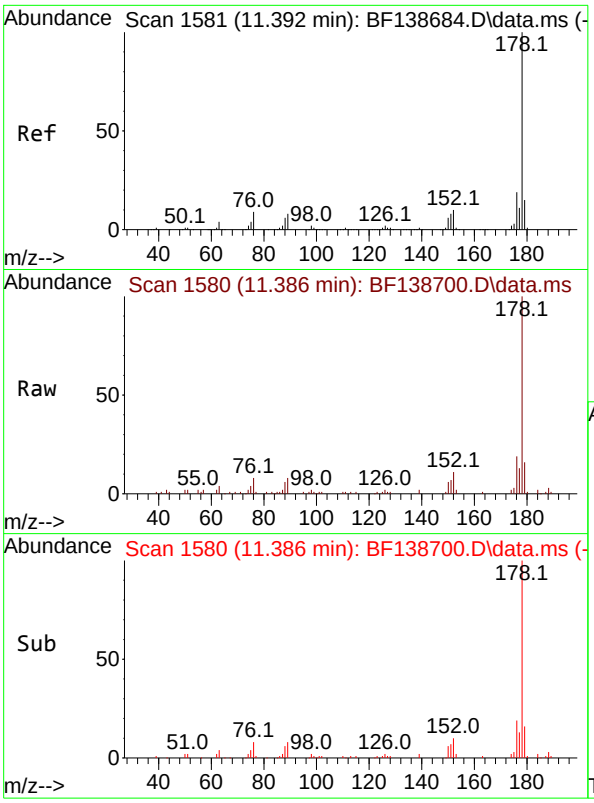


#67
4-Bromophenyl-phenylether
Concen: 2.509 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:248 Resp: 4059

Ion	Ratio	Lower	Upper
248	100		
250	207.0	77.7	116.5#
141	584.1	68.0	102.0#



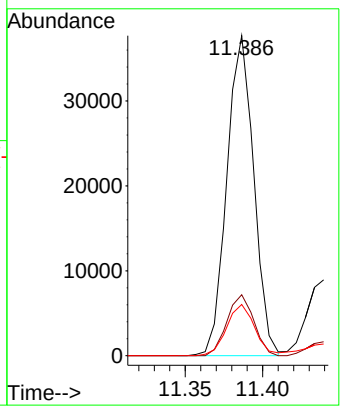


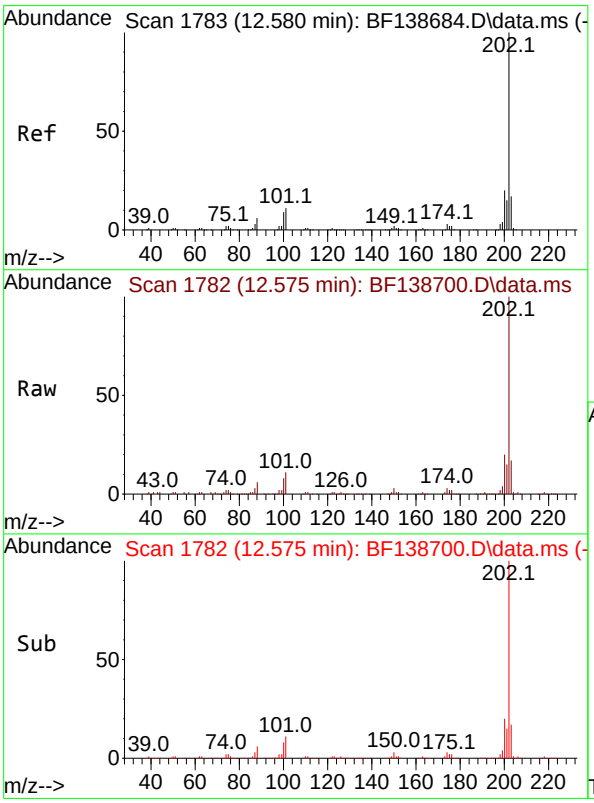
#71
Phenanthrene
Concen: 5.916 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:178 Resp: 45512

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.0	12.2	18.2

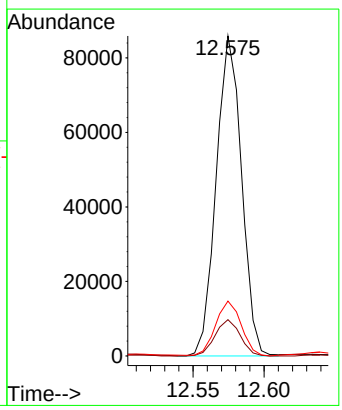


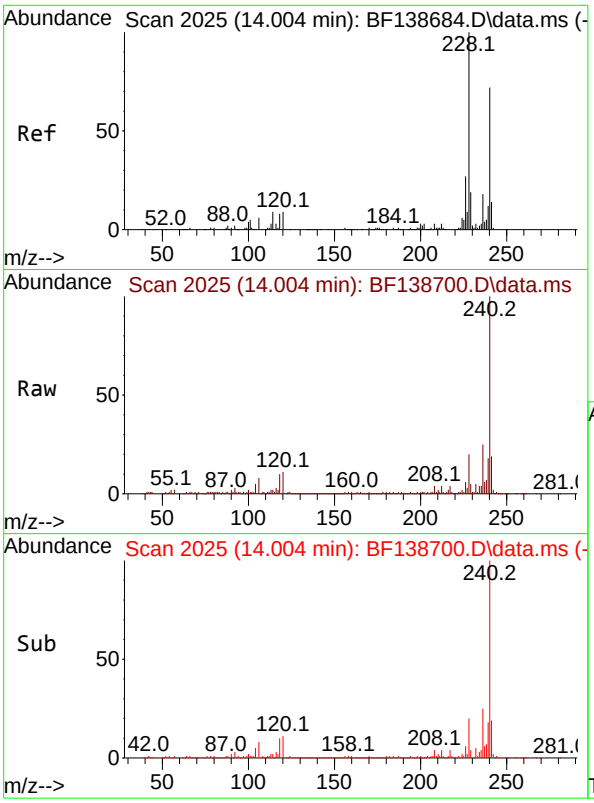


#75
Fluoranthene
Concen: 14.837 ng
RT: 12.575 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:202 Resp: 106551

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
203	17.2	0.0	37.3



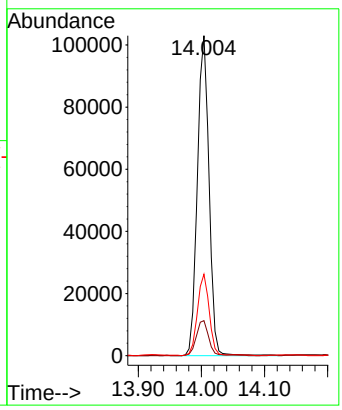


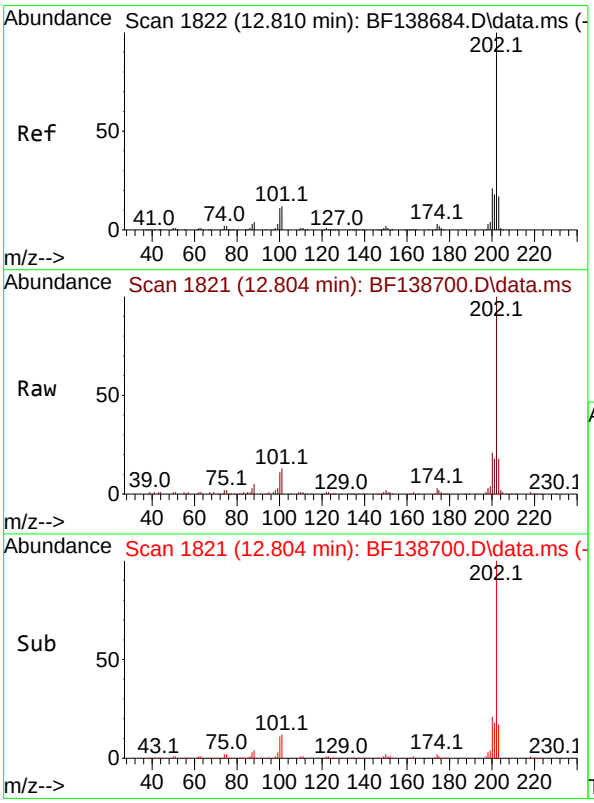
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:240 Resp: 132113

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.2	15.4
236	25.5	19.8	29.8

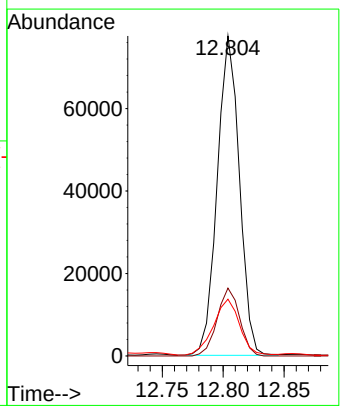


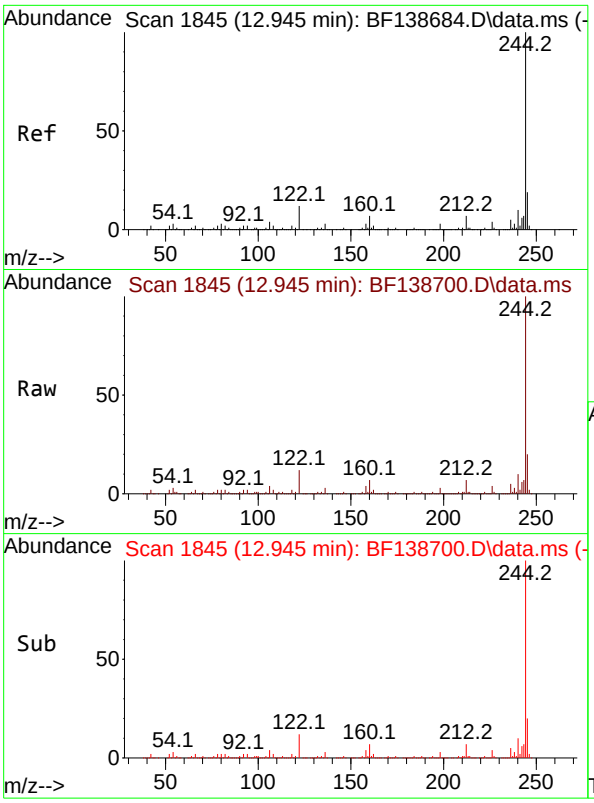


#78
Pyrene
Concen: 7.879 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:202 Resp: 98011

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.8	13.8	20.6



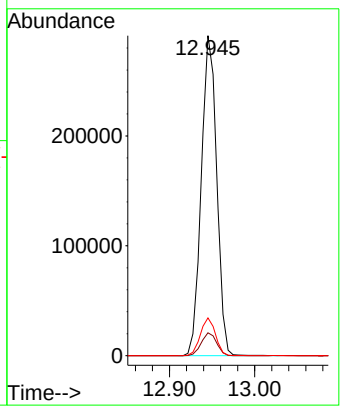


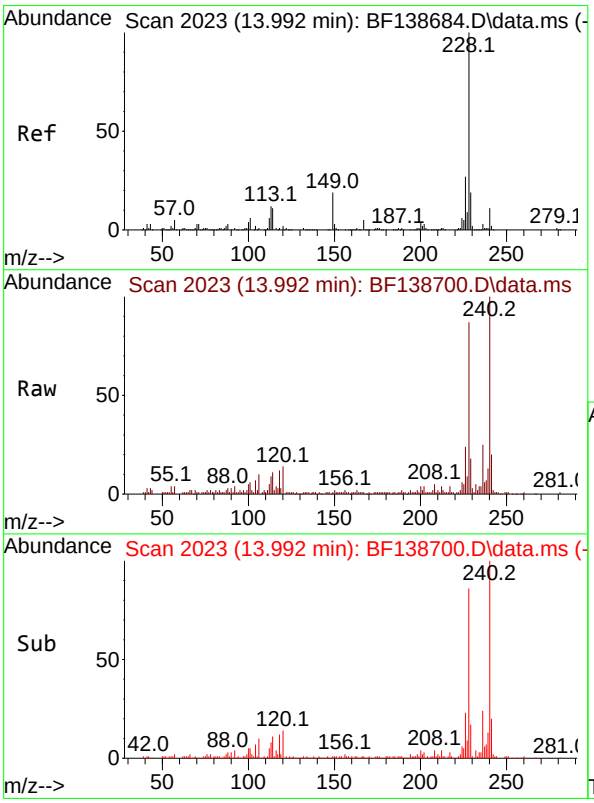
#79
Terphenyl-d14
Concen: 46.417 ng
RT: 12.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:244 Resp: 366266

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

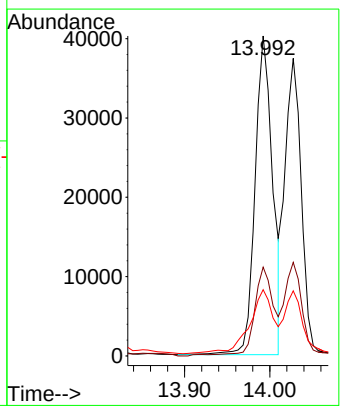


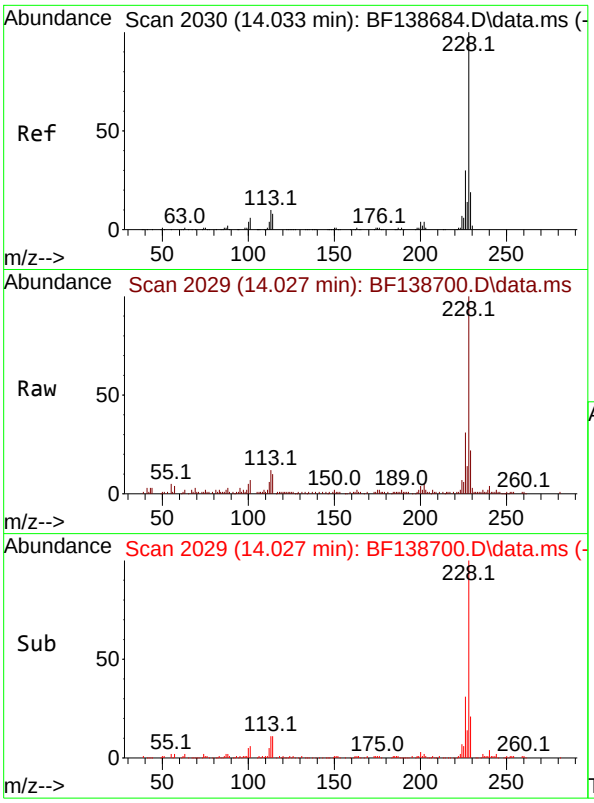


#81
Benzo(a)anthracene
Concen: 6.356 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:228 Resp: 57820

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.7	15.4	23.0



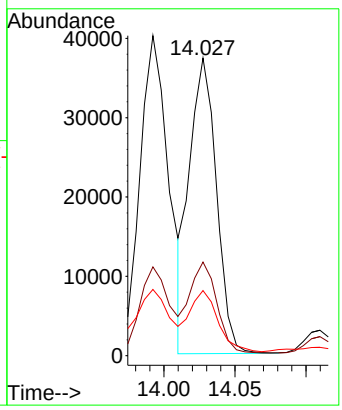


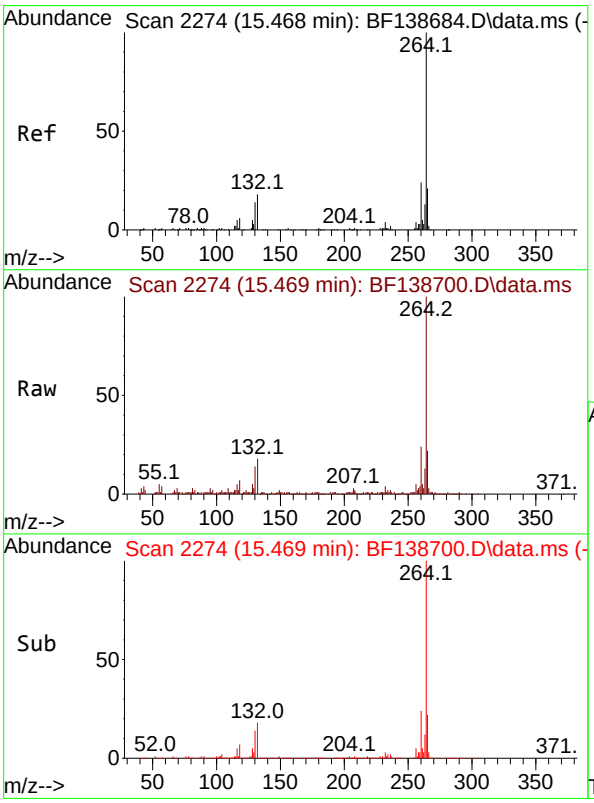
#83
Chrysene
Concen: 5.992 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:228 Resp: 49183

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	21.9	15.0	22.6

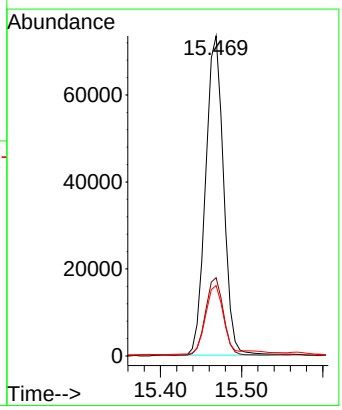


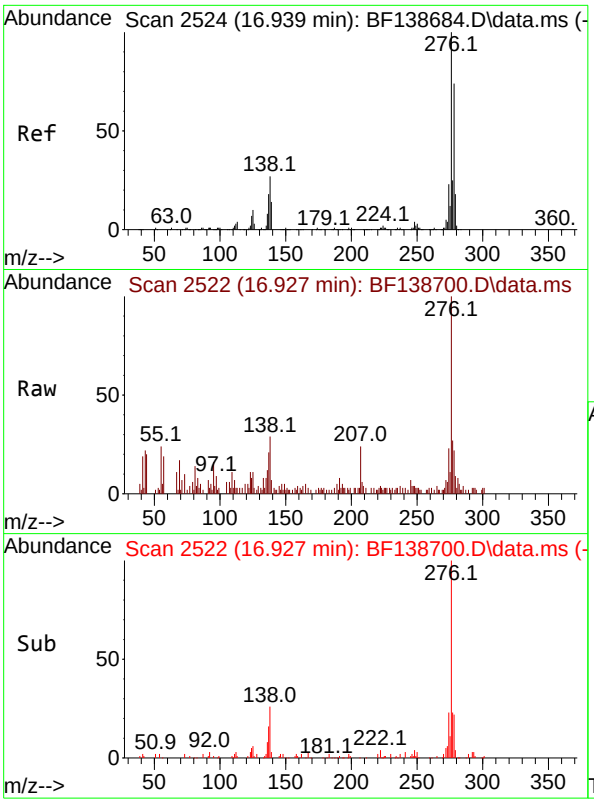


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.469 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:264 Resp: 112613

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.0	17.0	25.6



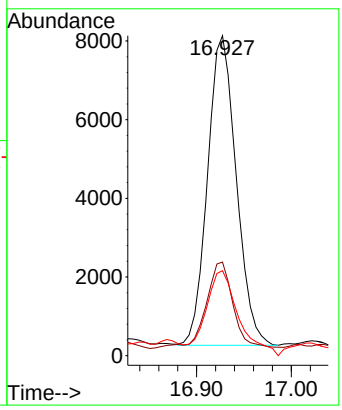


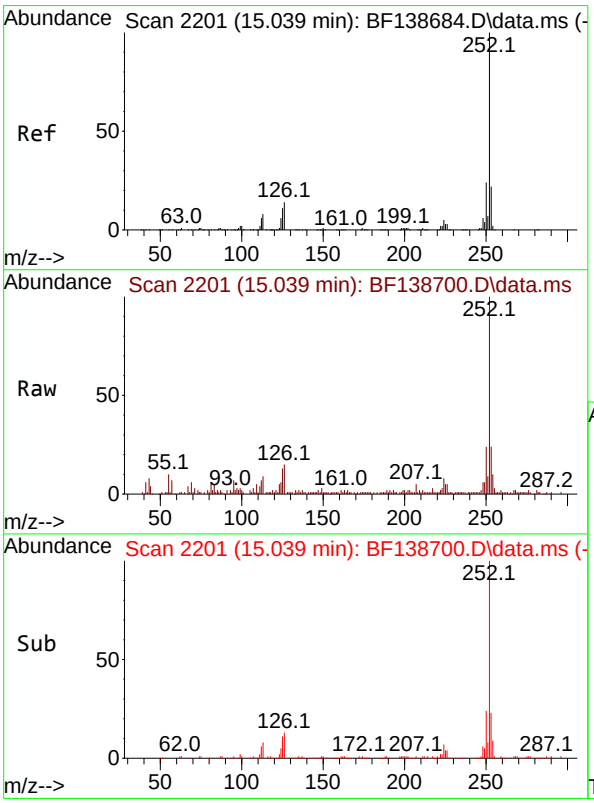
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.053 ng
RT: 16.927 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:276 Resp: 16572

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.8	32.8
277	31.4	20.6	30.8#

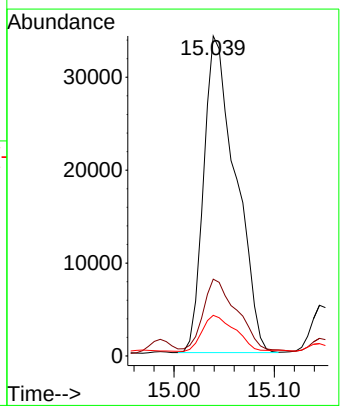


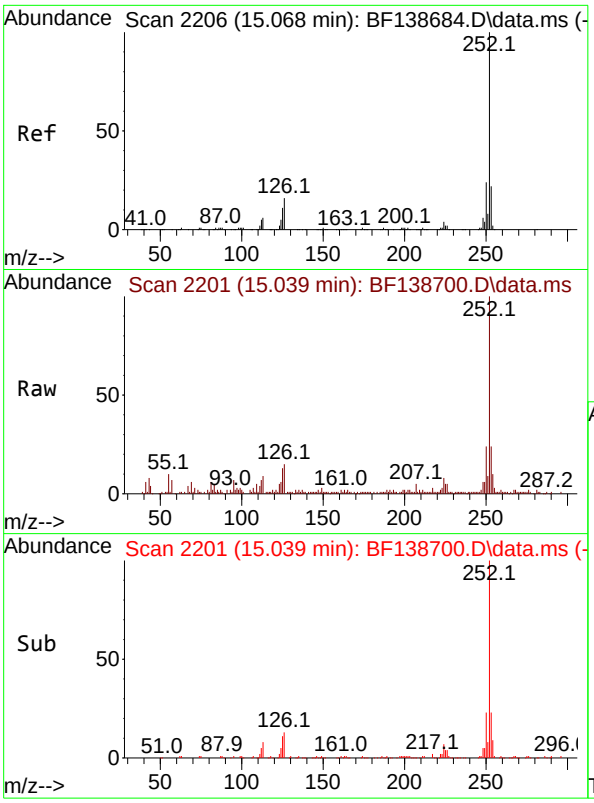


#88
Benzo(b)fluoranthene
Concen: 10.859 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:252 Resp: 75808

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	12.7	8.9	13.3



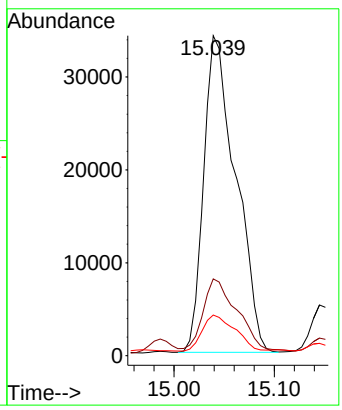


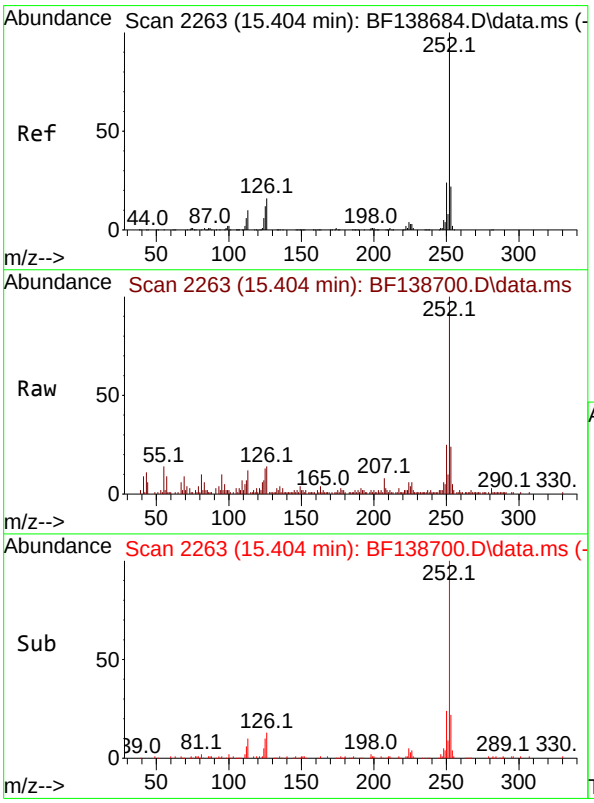
#89
Benzo(k)fluoranthene
Concen: 12.542 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:252 Resp: 75808

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	12.7	8.6	13.0

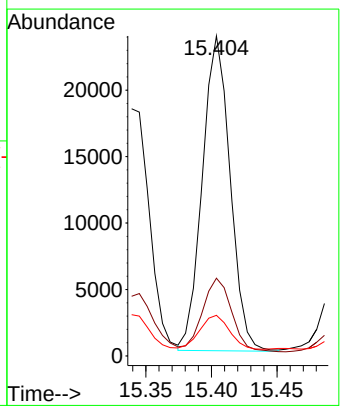


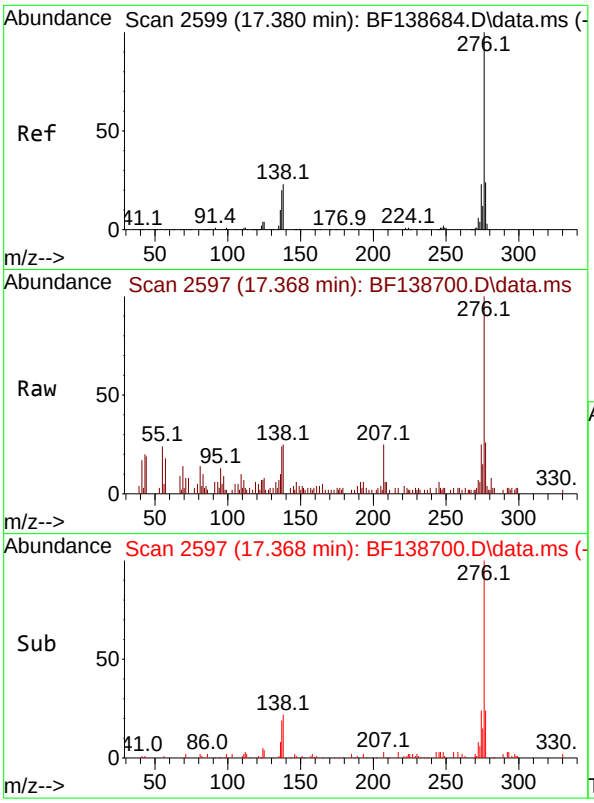


#90
Benzo(a)pyrene
Concen: 5.948 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

Tgt Ion:252 Resp: 34927

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	12.7	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 2.654 ng
RT: 17.368 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF138700.D
Acq: 31 Jul 2024 13:59

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

Tgt Ion:276 Resp: 18248

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.0	28.4
138	24.5	18.5	27.7