Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139694.D
Acq On : 07 Oct 2024 18:56
Operator : RC/JU
Sample : P4289-02 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Quant Time: Oct 08 01:13:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	89612	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	220169	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	179031	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	272593	20.000	ng	0.00
76) Chrysene-d12	14.033	240	207490	20.000	ng	0.00
86) Perylene-d12	15.504	264	231731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	54592	10.559	ng	0.00
7) Phenol-d6	6.510	99	55830	8.030	ng	0.00
23) Nitrobenzene-d5	7.428	82	97668	22.460	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	20404	11.806	ng	0.01
45) 2-Fluorobiphenyl	9.228	172	185010	15.865	ng	0.00
79) Terphenyl-d14	13.010	244	154016	12.180	ng	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	30401	13.600	ng	# 83
15) Benzyl Alcohol	7.045	79	164674	30.998	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	90870	8.818	ng	78
17) 2-Methylphenol	7.045	107	84755	18.328	ng	# 13
20) 3+4-Methylphenols	7.045	107	84755	14.592	ng	# 35
35) Caprolactam	8.622	113	2705	2.668	ng	# 1
77) Benzidine	12.786	184	12472	3.408	ng	# 1

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

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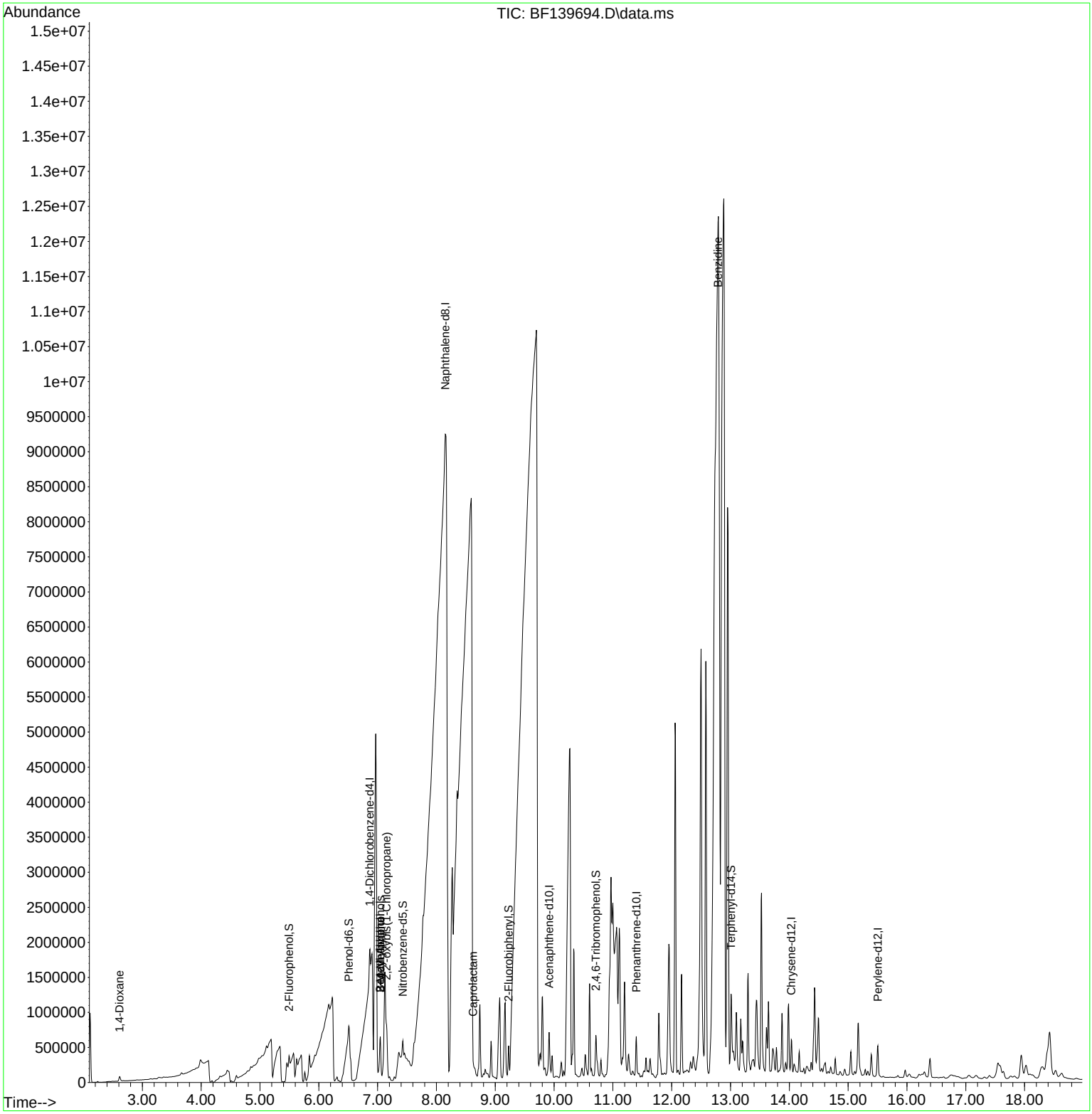
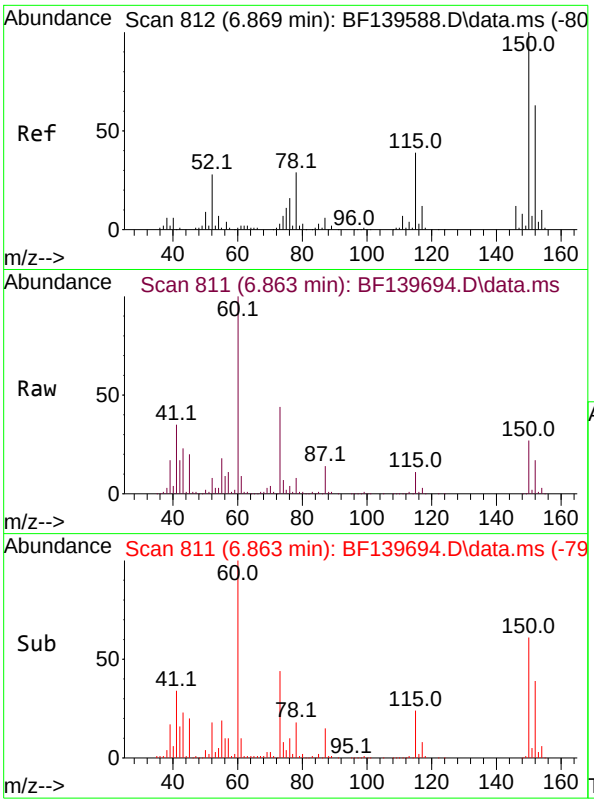


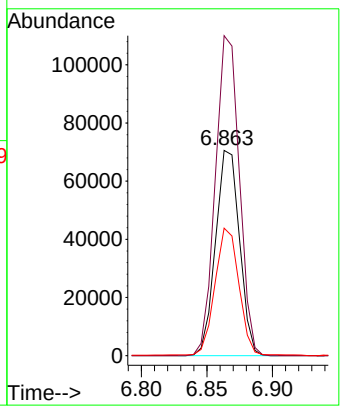


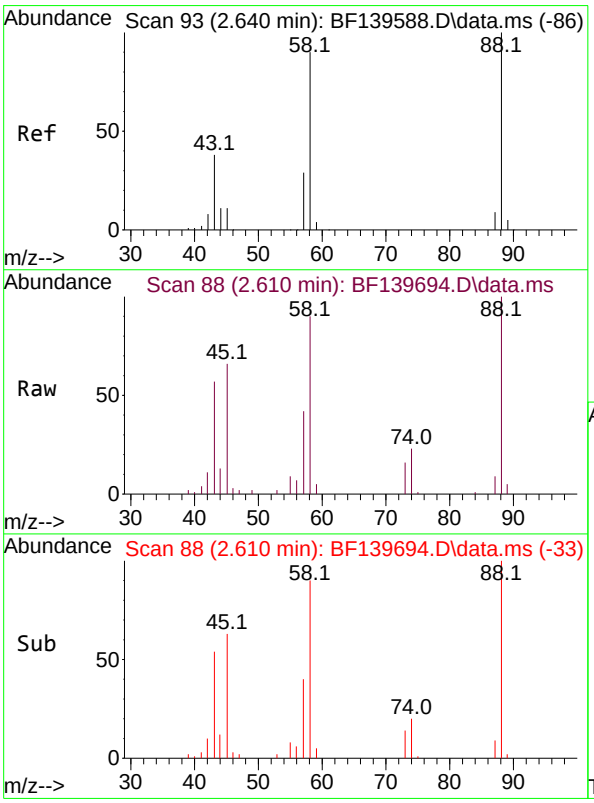
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:152 Resp: 89612

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.2	190.8
115	62.1	49.0	73.4

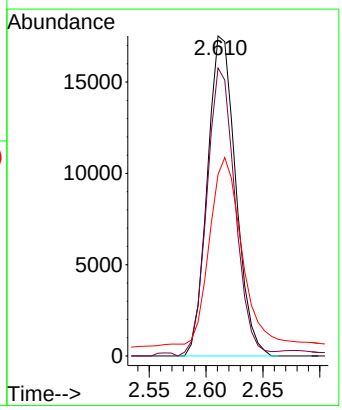


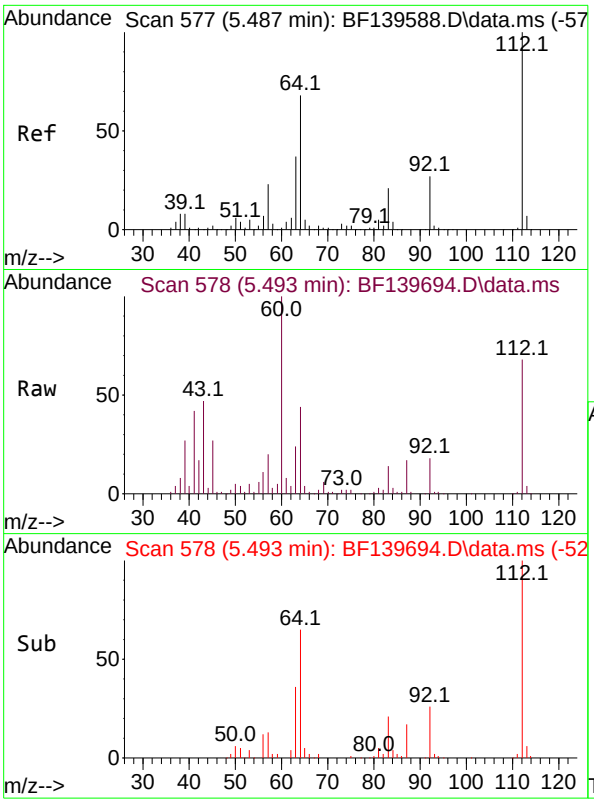


#2
1,4-Dioxane
Concen: 13.600 ng
RT: 2.610 min Scan# 88
Delta R.T. -0.029 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion: 88 Resp: 30401

Ion	Ratio	Lower	Upper
88	100		
58	89.7	72.0	108.0
43	71.4	30.8	46.2#



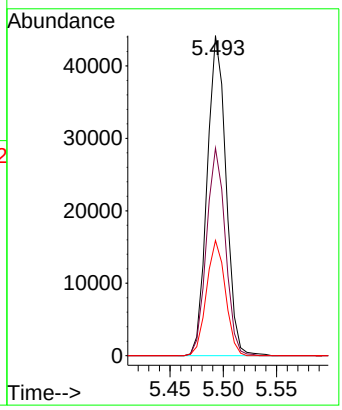


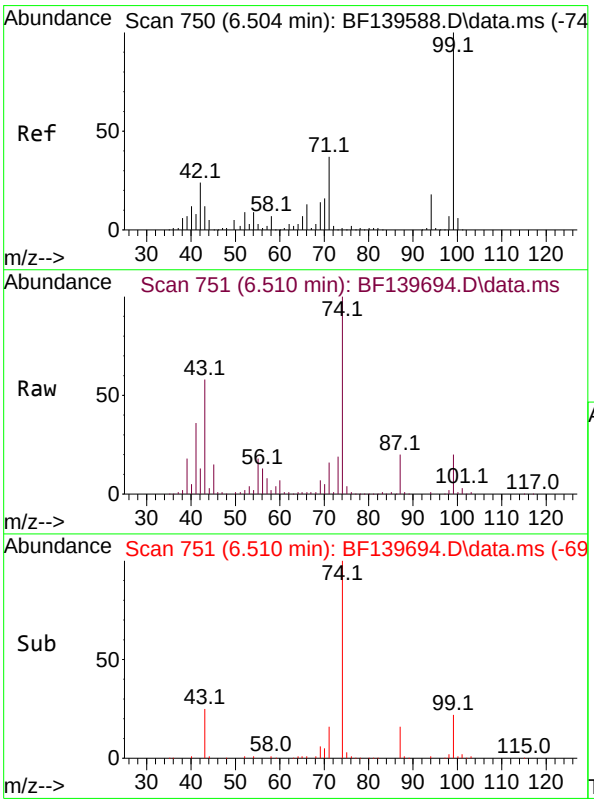
#5
2-Fluorophenol
Concen: 10.559 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:112 Resp: 54592

Ion	Ratio	Lower	Upper
112	100		
64	64.8	54.2	81.4
63	36.0	29.4	44.2

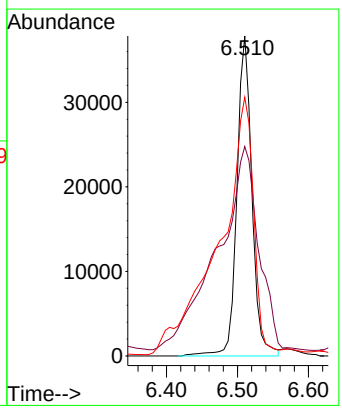


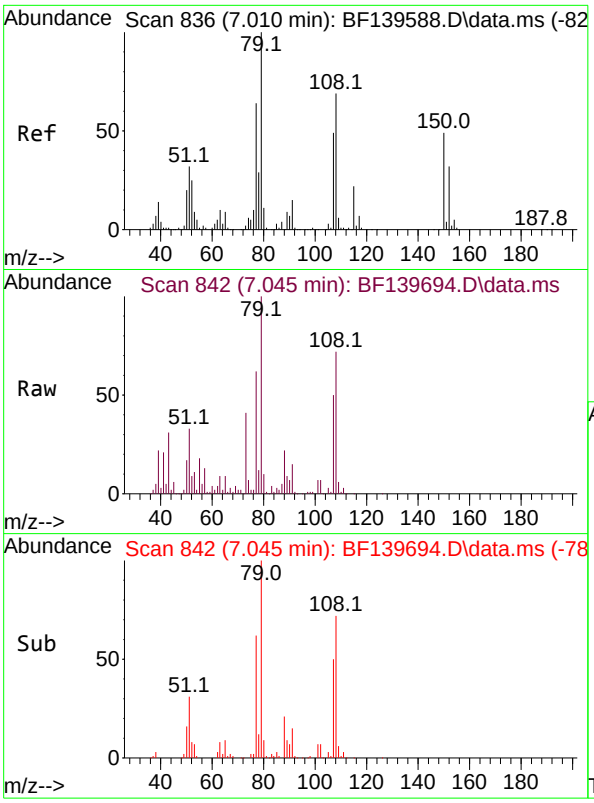


#7
Phenol-d6
Concen: 8.030 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion: 99 Resp: 55830

Ion	Ratio	Lower	Upper
99	100		
42	65.4	19.1	28.7#
71	80.9	29.7	44.5#



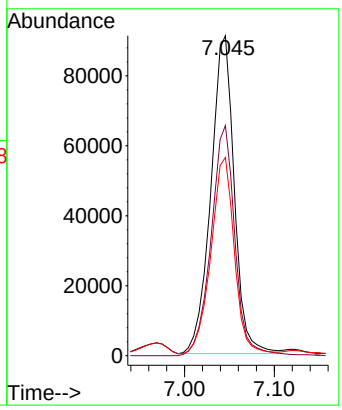


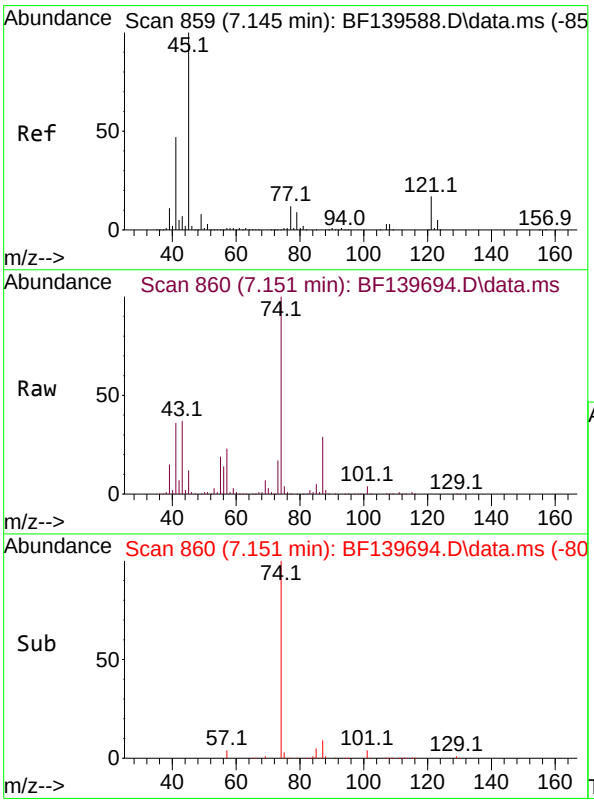
#15
Benzyl Alcohol
Concen: 30.998 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.035 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion: 79 Resp: 164674

Ion	Ratio	Lower	Upper
79	100		
108	71.9	55.1	82.7
77	62.0	50.8	76.2

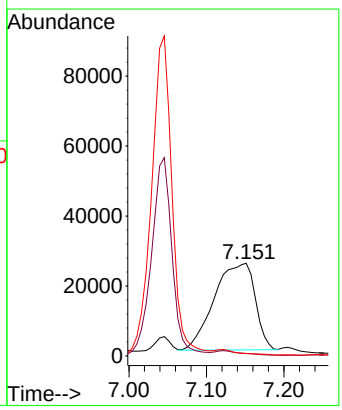


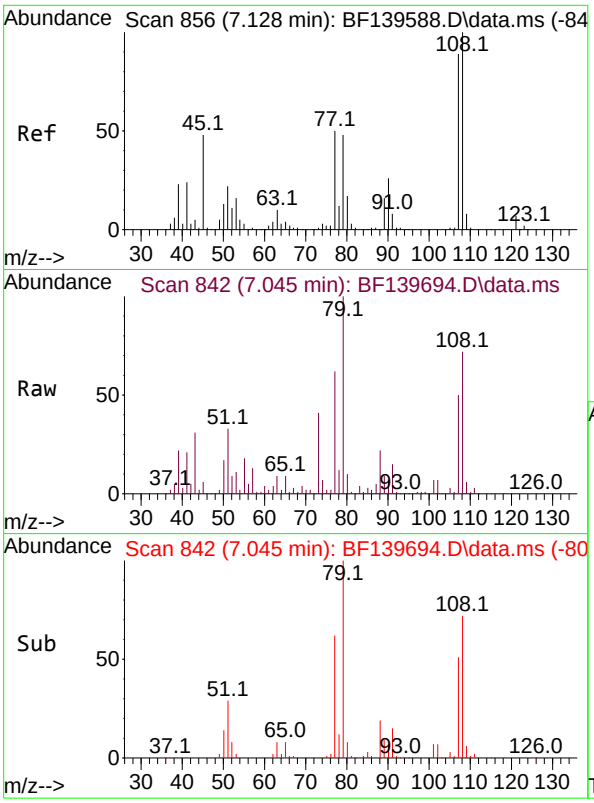


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.818 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion: 45 Resp: 90870

Ion	Ratio	Lower	Upper
45	100		
77	2.7	0.0	32.5
79	2.6	0.0	29.7



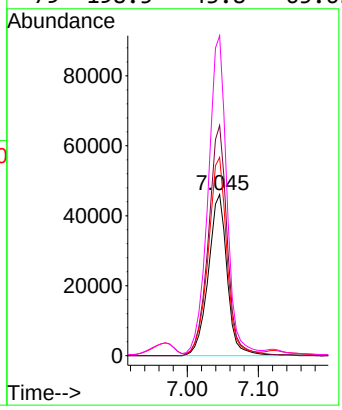


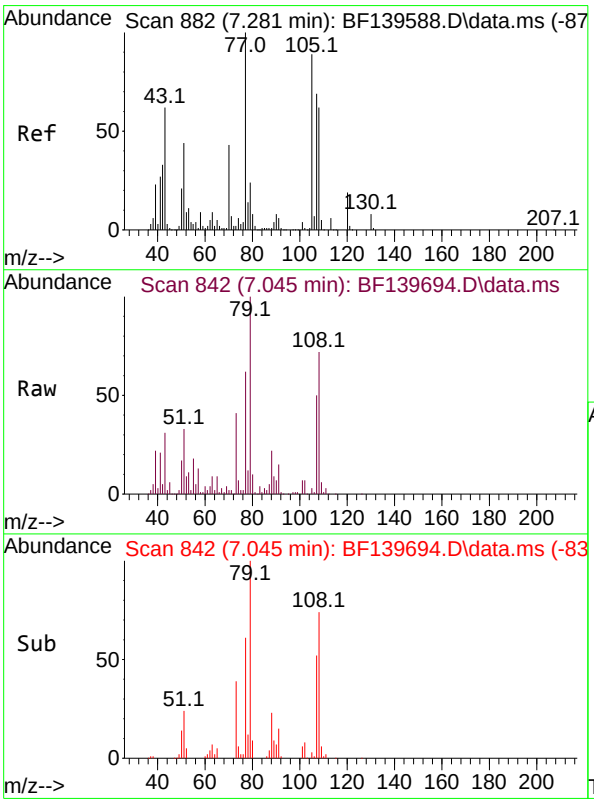
#17
2-Methylphenol
Concen: 18.328 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.082 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:107 Resp: 84755

Ion	Ratio	Lower	Upper
107	100		
108	142.8	89.8	134.6#
77	123.0	44.6	67.0#
79	198.5	43.8	65.6#

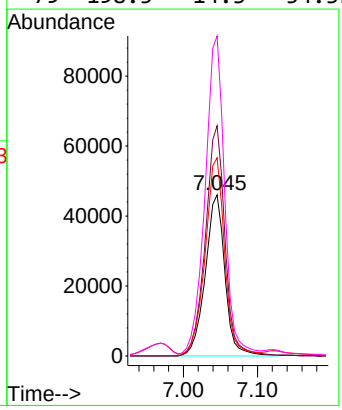


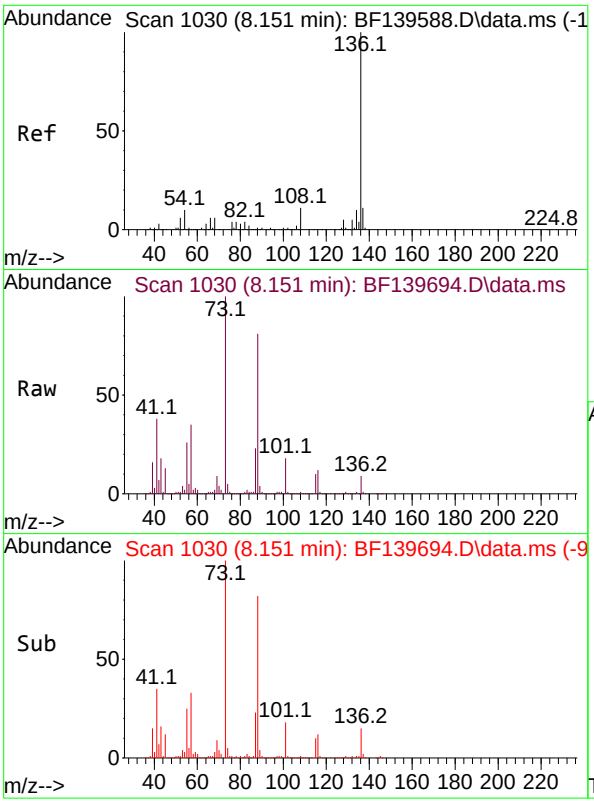


#20
3+4-Methylphenols
Concen: 14.592 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.235 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion:107 Resp: 84755

Ion	Ratio	Lower	Upper
107	100		
108	142.8	70.2	110.2#
77	123.0	125.3	165.3#
79	198.5	14.3	54.3#



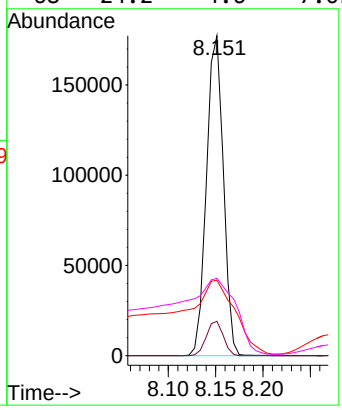


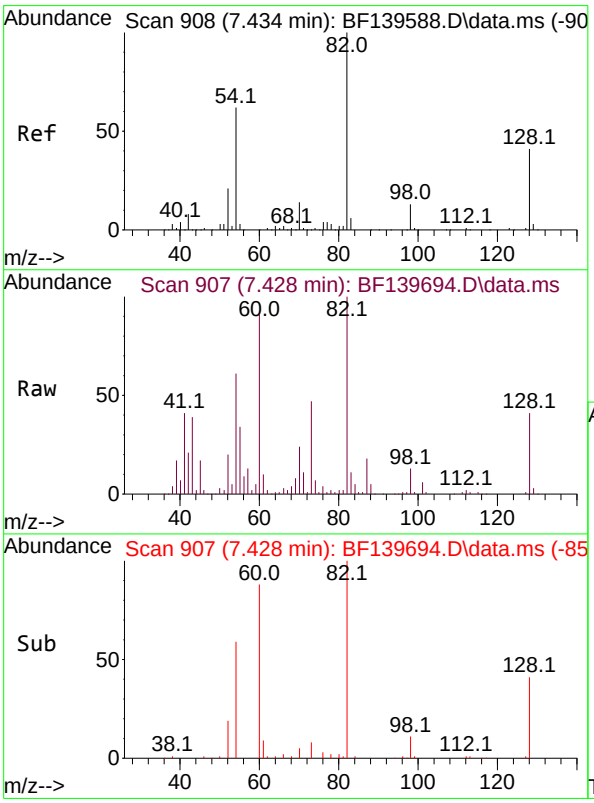
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:136 Resp: 220169

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	23.6	8.3	12.5#
68	24.2	4.6	7.0#

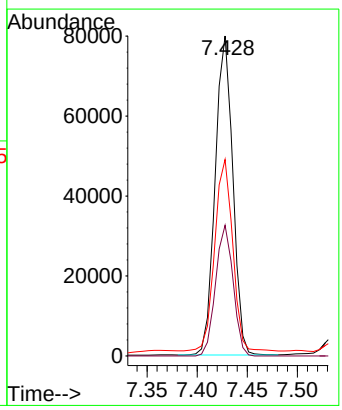


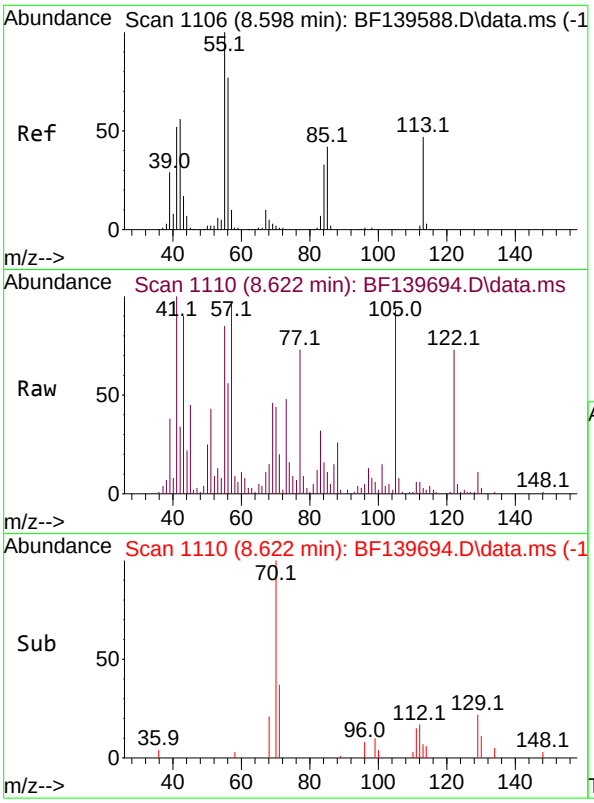


#23
Nitrobenzene-d5
Concen: 22.460 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion: 82 Resp: 97668

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.4	48.6
54	61.4	49.1	73.7



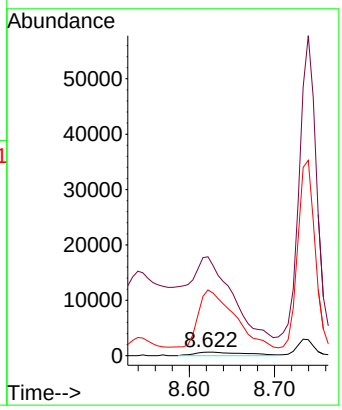


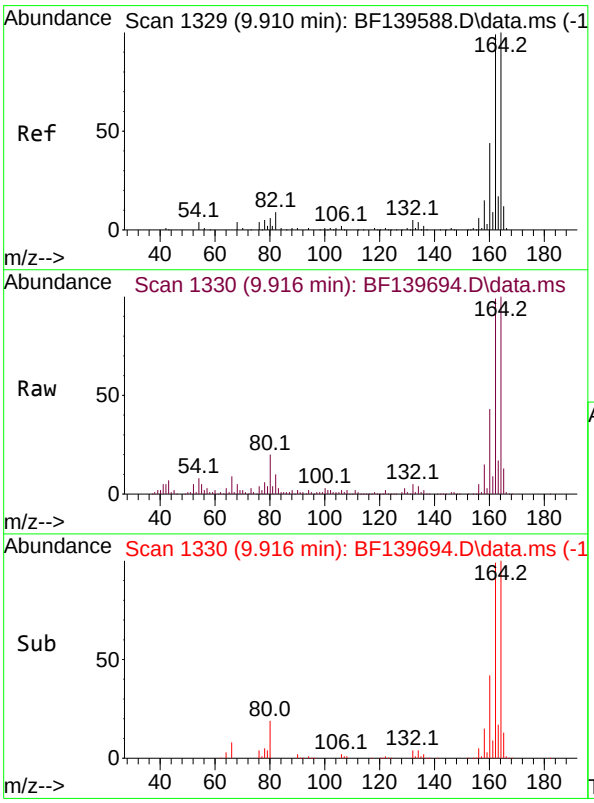
#35
Caprolactam
Concen: 2.668 ng
RT: 8.622 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:113 Resp: 2705

Ion	Ratio	Lower	Upper
113	100		
55	2790.0	193.4	233.4#
56	1854.7	143.8	183.8#

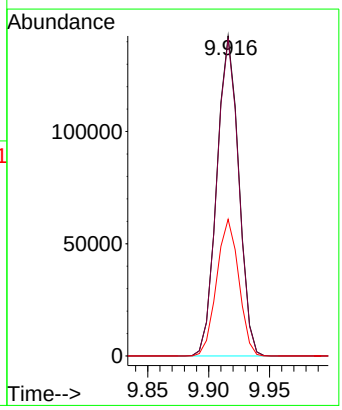


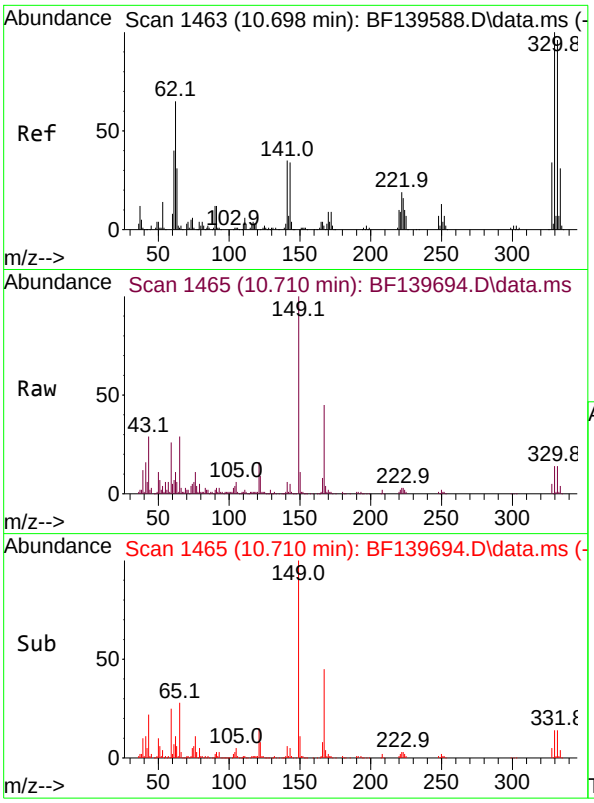


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion:164 Resp: 179031

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.4	119.0
160	42.7	35.1	52.7



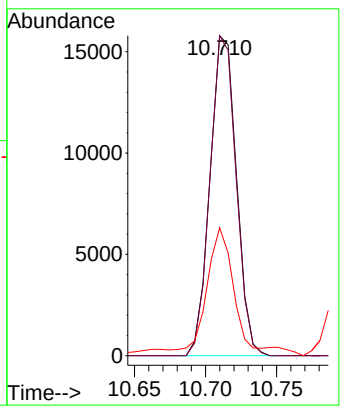


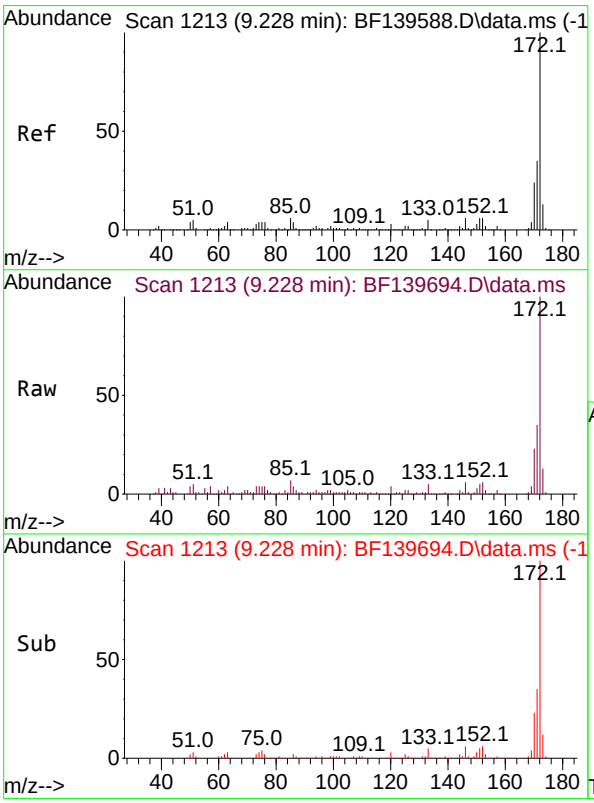
#42
2,4,6-Tribromophenol
Concen: 11.806 ng
RT: 10.710 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:330 Resp: 20404

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.5	114.7
141	39.1	29.3	43.9

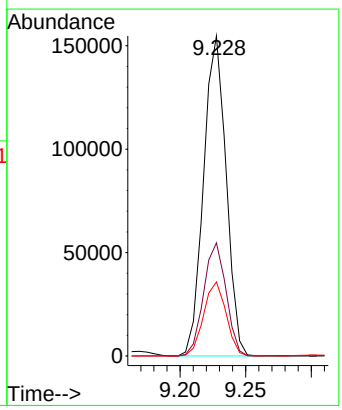


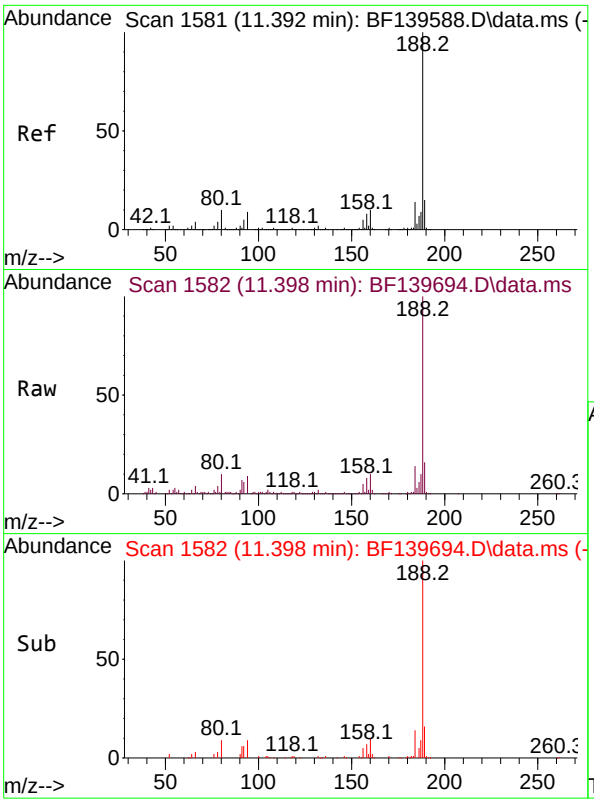


#45
2-Fluorobiphenyl
Concen: 15.865 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion:172 Resp: 185010

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.1	18.8	28.2



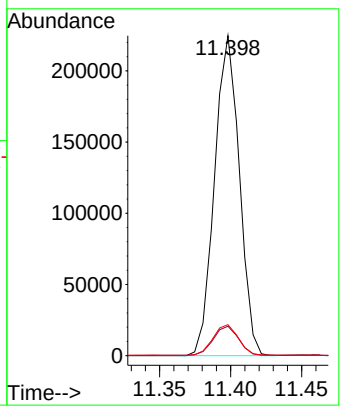


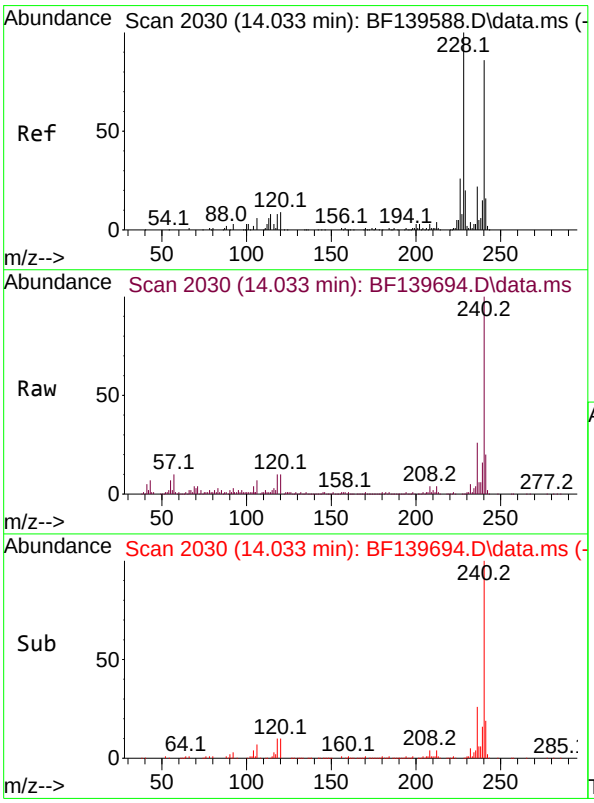
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:188 Resp: 272593

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	9.7	8.2	12.2

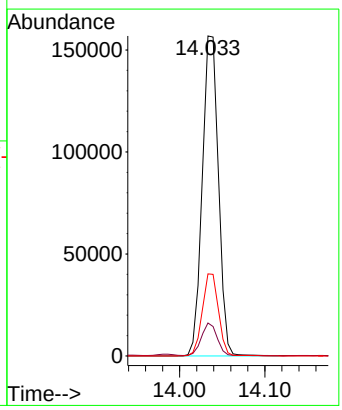


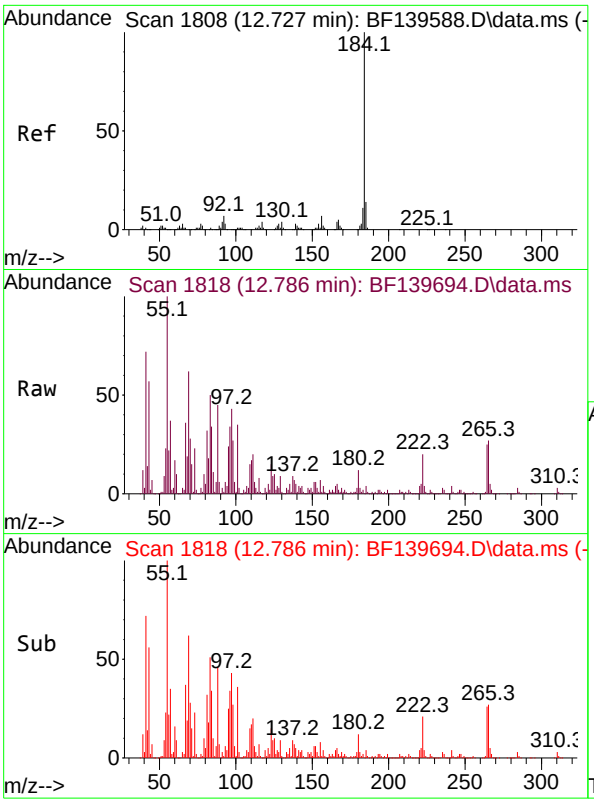


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion:240 Resp: 207490

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.6	20.3	30.5



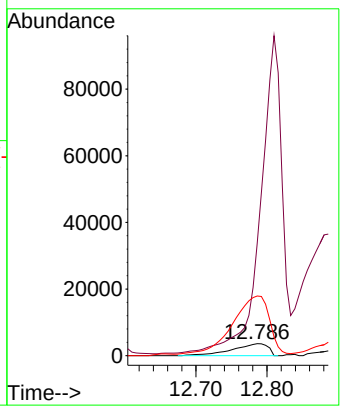


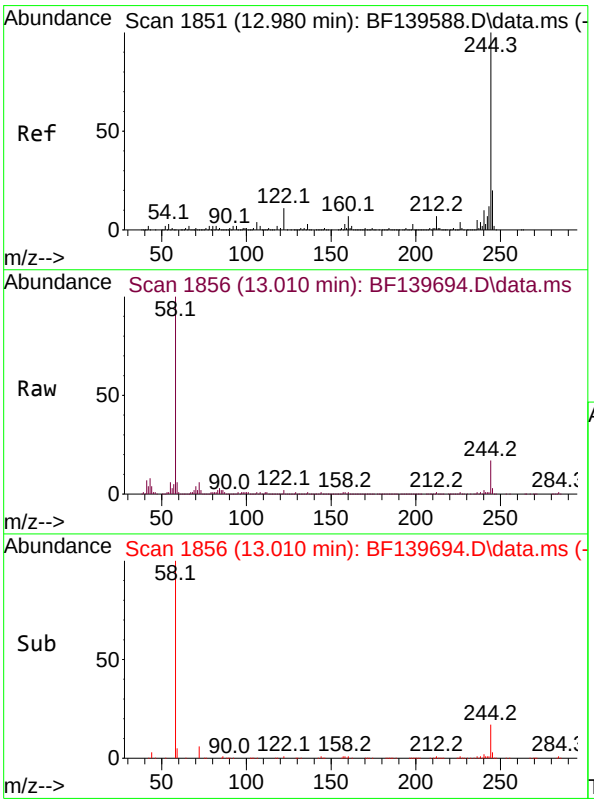
#77
Benzidine
Concen: 3.408 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.059 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:184 Resp: 12472

Ion	Ratio	Lower	Upper
184	100		
185	943.2	11.4	17.0#
183	500.0	8.8	13.2#

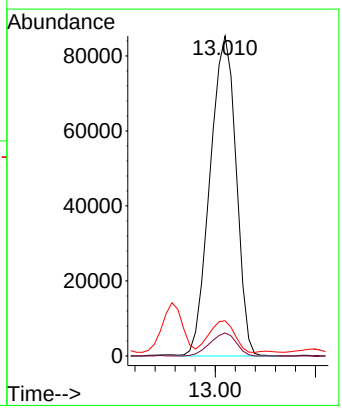


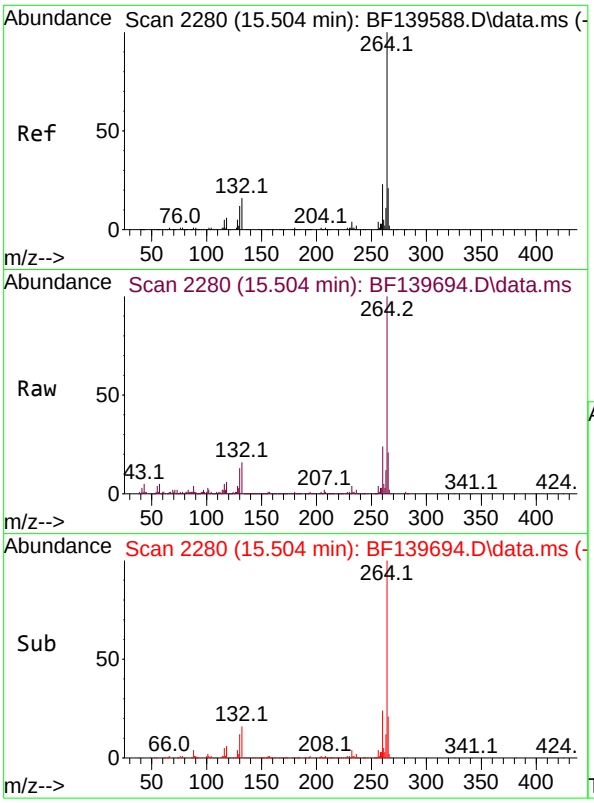


#79
Terphenyl-d14
Concen: 12.180 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.030 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Tgt Ion:244 Resp: 154016

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.0	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF139694.D
Acq: 07 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
EFF-Waste Water

Tgt Ion:264 Resp: 231731

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	20.9	16.9	25.3