Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128108.D
Acq On : 05 May 2022 21:48
Operator : CG\JU
Sample : N2667-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Quant Time: May 06 05:02:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 17:56:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	87012	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	337470	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	186149	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	283719	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	188152	20.000	ng	-0.01
86) Perylene-d12	15.586	264	169660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	523453	95.820	ng	0.00
7) Phenol-d6	6.534	99	692357	97.674	ng	-0.01
23) Nitrobenzene-d5	7.469	82	486880	67.843	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	166391	88.794	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	795935	72.335	ng	0.00
79) Terphenyl-d14	13.022	244	615696	59.837	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	66936	15.426	ng	# 78
25) Isophorone	7.469	82	486868	40.308	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	24116	8.922	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	24116	6.736	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	10204	3.244	ng	# 1
71) Phenanthrene	11.457	178	153875	10.361	ng	99
75) Fluoranthene	12.651	202	167650	10.726	ng	97
77) Benzidine	13.022	184	9161	2.573	ng	# 96
78) Pyrene	12.880	202	213521	14.058	ng	100
81) Benzo(a)anthracene	14.069	228	90458	7.213	ng	99
83) Chrysene	14.110	228	86491	7.221	ng	98
88) Benzo(b)fluoranthene	15.139	252	112555	10.562	ng	95
89) Benzo(k)fluoranthene	15.139	252	112555	10.484	ng	# 93
90) Benzo(a)pyrene	15.516	252	60852	6.884	ng	98
92) Benzo(g,h,i)perylene	17.562	276	28329	2.960	ng	95

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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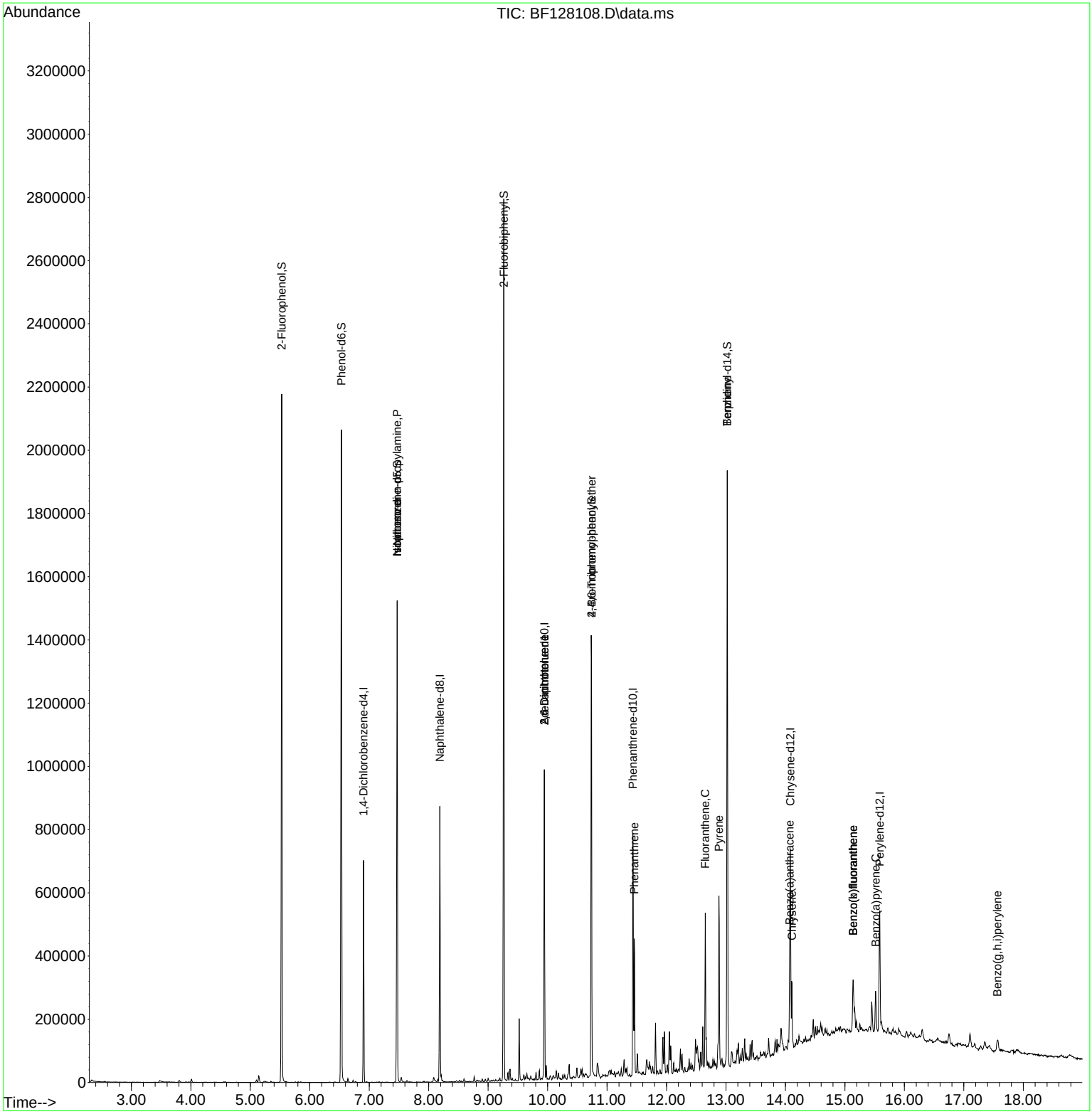
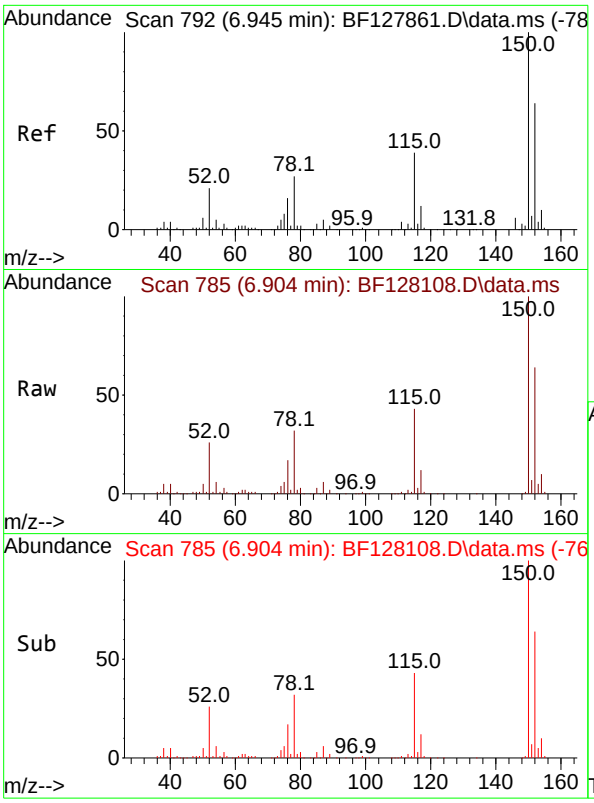


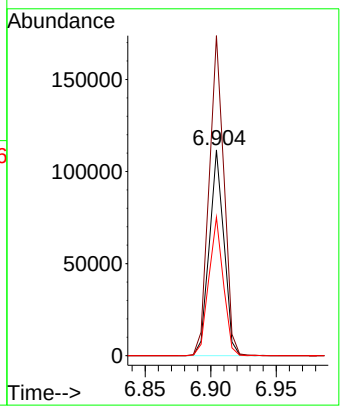


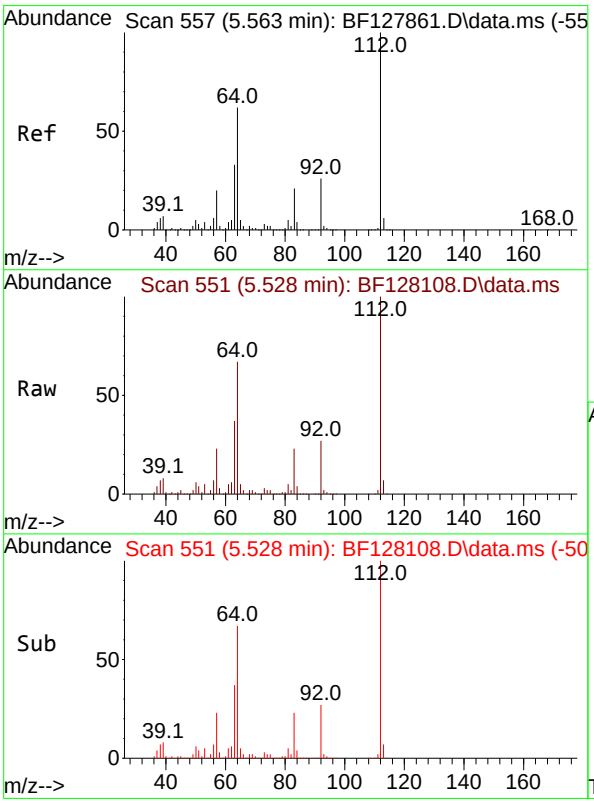
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:152 Resp: 87012

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.3	187.9
115	67.2	48.8	73.2

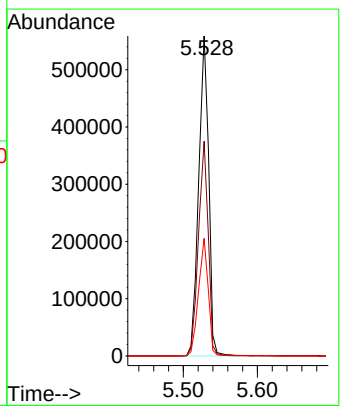


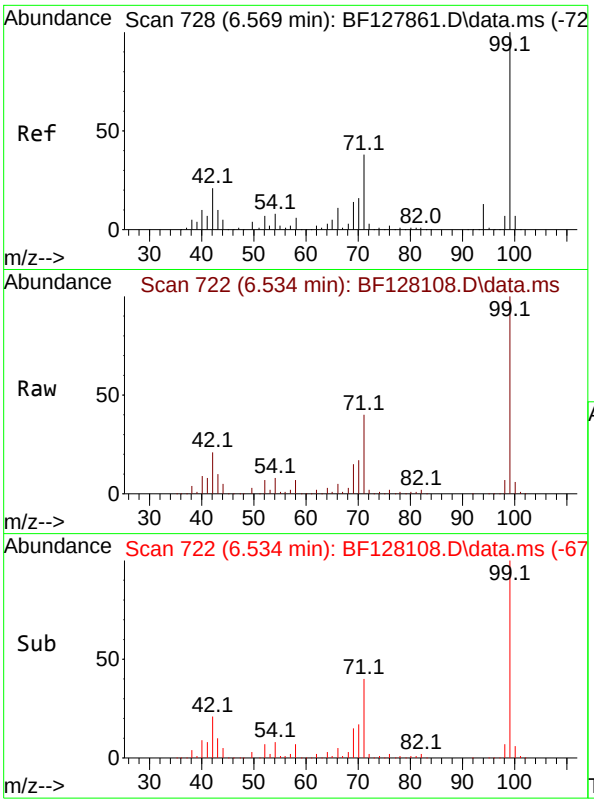


#5
2-Fluorophenol
Concen: 95.820 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:112 Resp: 523453

Ion	Ratio	Lower	Upper
112	100		
64	67.1	49.5	74.3
63	36.8	26.3	39.5



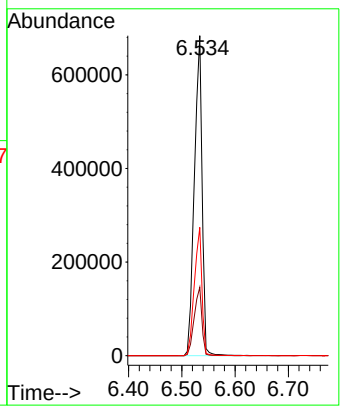


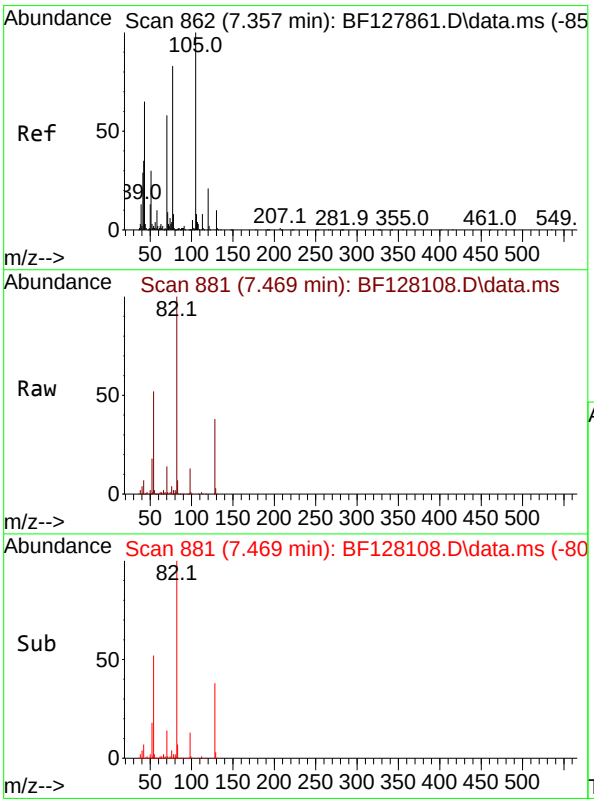
#7
Phenol-d6
Concen: 97.674 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 99 Resp: 692357

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.6	24.8
71	40.1	30.0	45.0

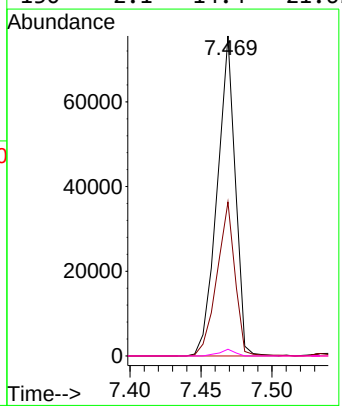


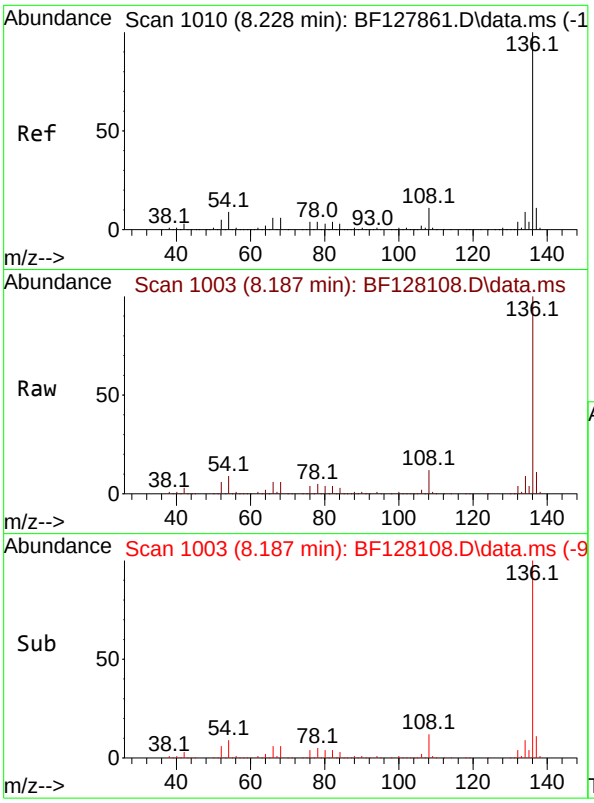


#19
n-Nitroso-di-n-propylamine
Concen: 15.426 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion: 70 Resp: 66936

Ion	Ratio	Lower	Upper
70	100		
42	48.1	48.7	73.1#
101	0.0	7.2	10.8#
130	2.1	14.4	21.6#



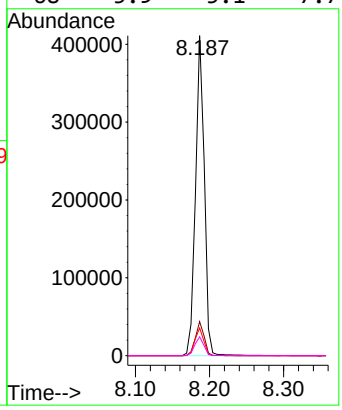


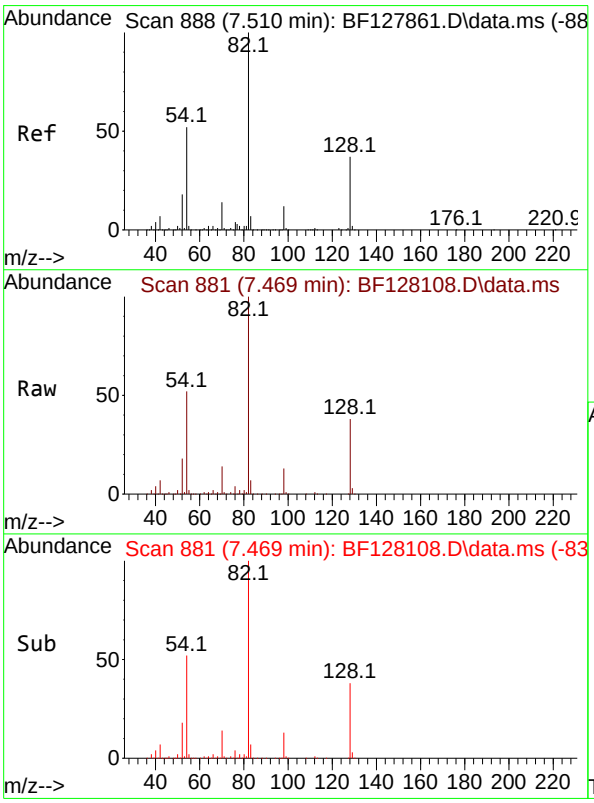
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:136 Resp: 337470

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.6	6.8	10.2
68	5.9	5.1	7.7

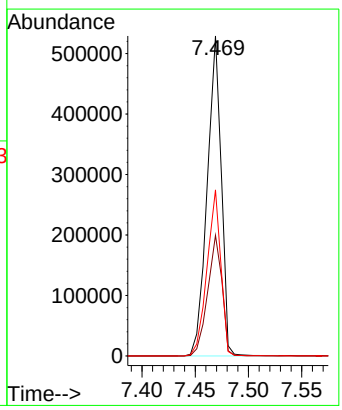


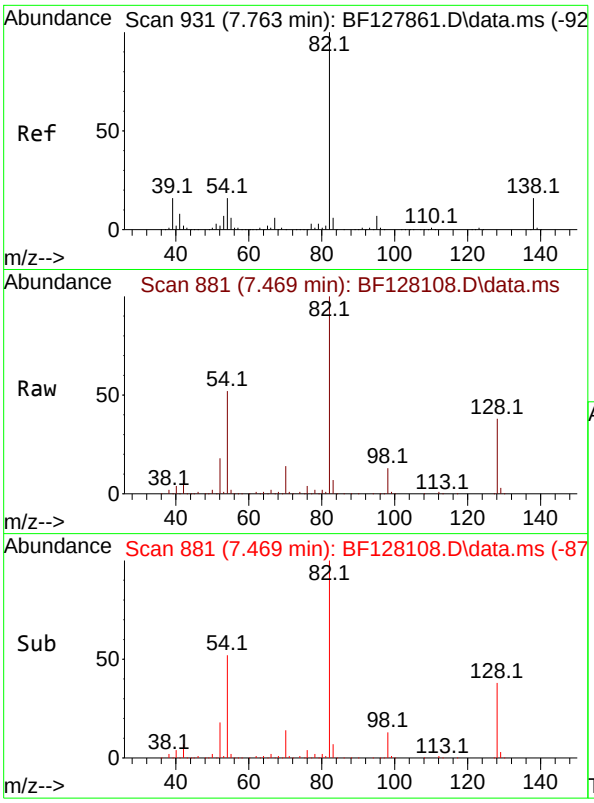


#23
Nitrobenzene-d5
Concen: 67.843 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion: 82 Resp: 486880

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	51.9	41.3	61.9



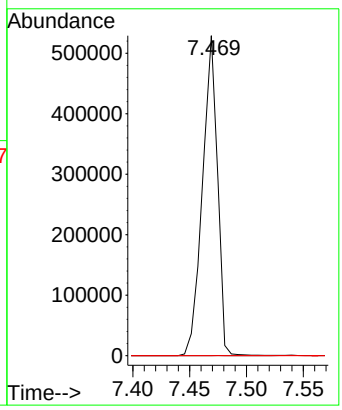


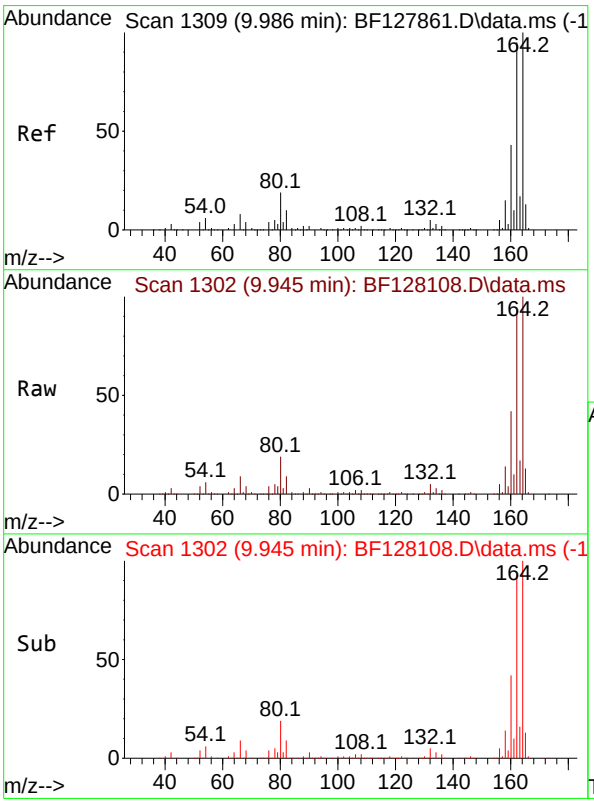
#25
Isophorone
Concen: 40.308 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion: 82 Resp: 486868

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	12.5	18.7#

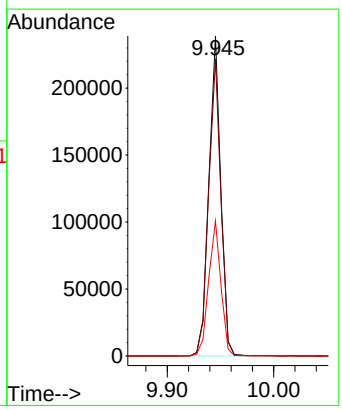


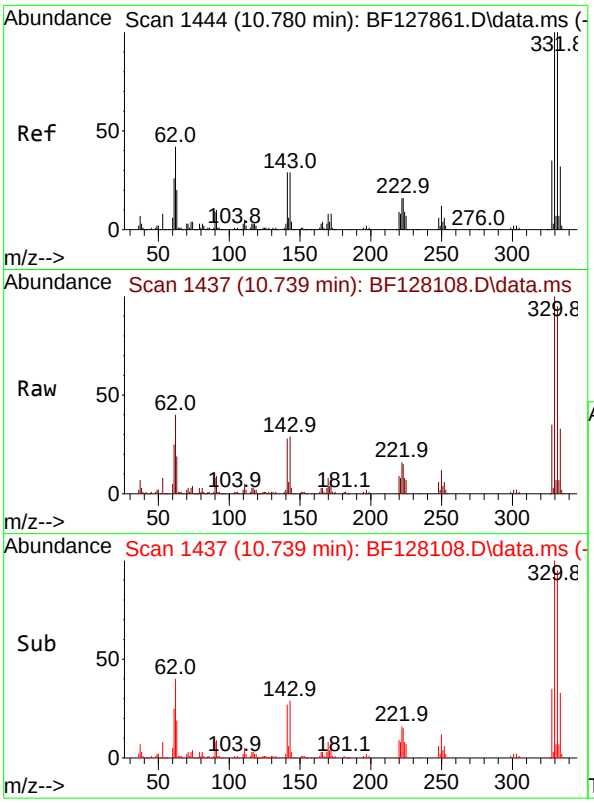


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:164 Resp: 186149

Ion	Ratio	Lower	Upper
164	100		
162	92.9	76.0	114.0
160	42.2	34.8	52.2



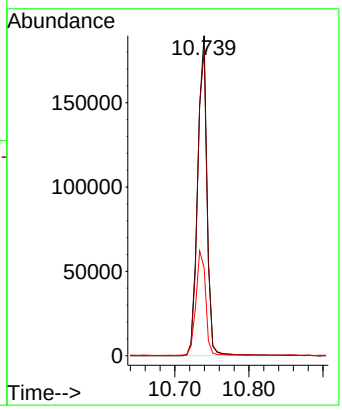


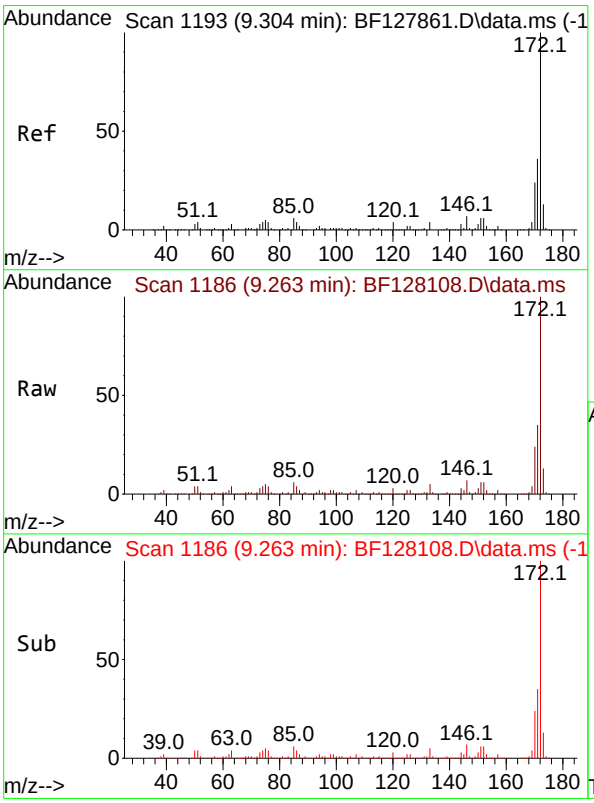
#42
2,4,6-Tribromophenol
Concen: 88.794 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:330 Resp: 166391

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	33.9	28.9	43.3

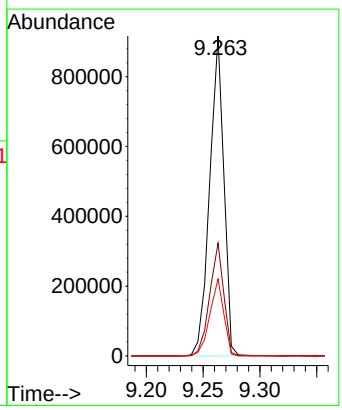


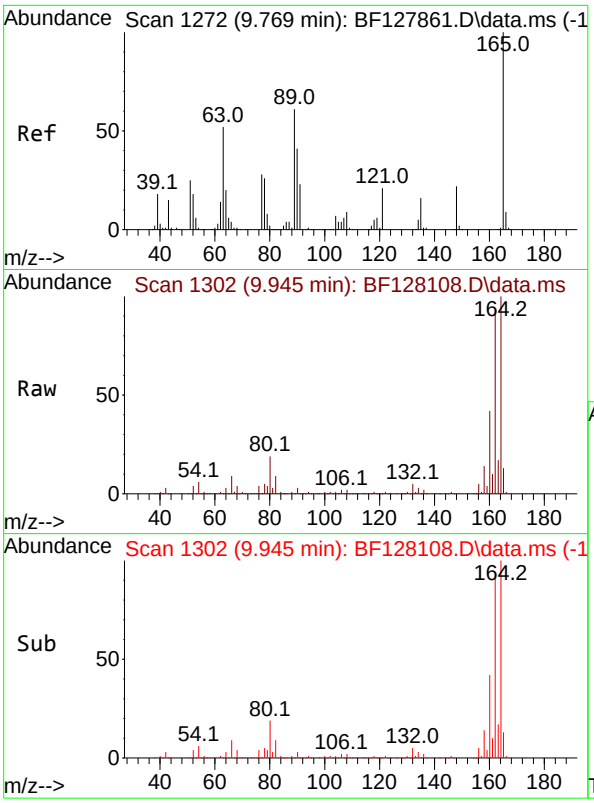


#45
2-Fluorobiphenyl
Concen: 72.335 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:172 Resp: 795935

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	24.0	19.1	28.7



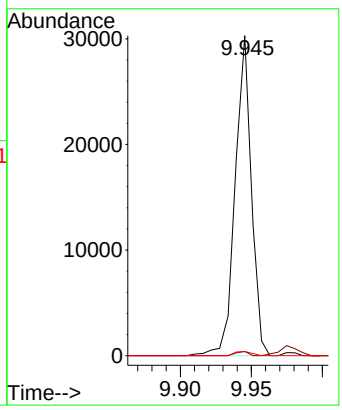


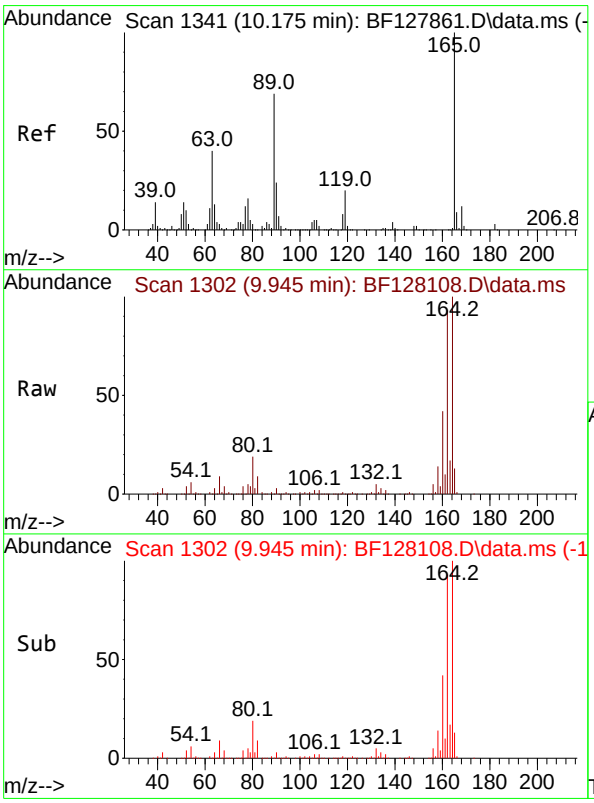
#51
2,6-Dinitrotoluene
Concen: 8.922 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:165 Resp: 24116

Ion	Ratio	Lower	Upper
165	100		
63	1.3	49.5	74.3#
89	1.3	49.0	73.4#

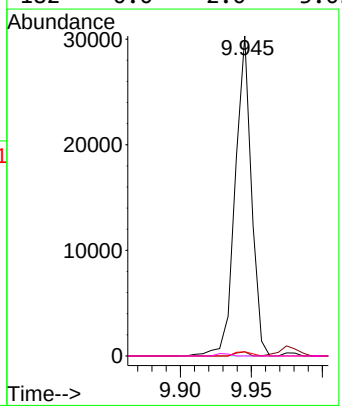


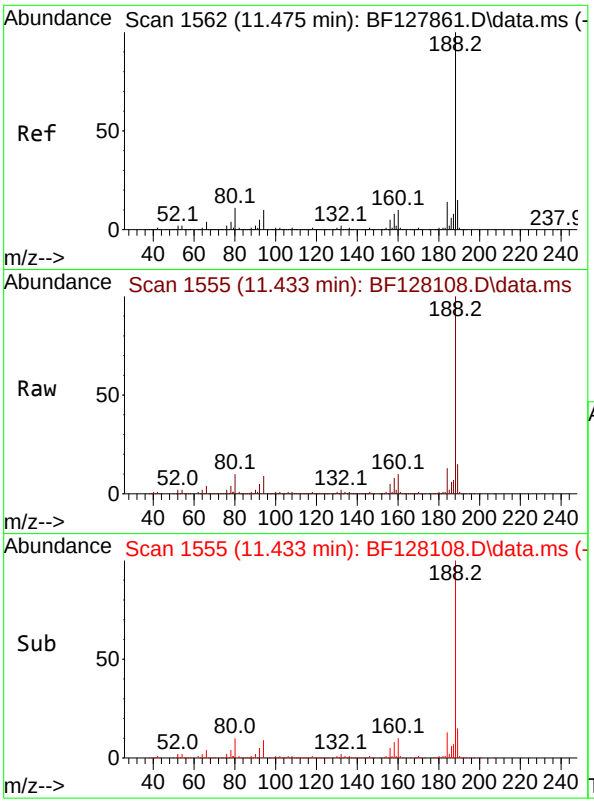


#57
2,4-Dinitrotoluene
Concen: 6.736 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:165 Resp: 24116

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.6	49.0#
89	1.3	55.2	82.8#
182	0.0	2.0	3.0#



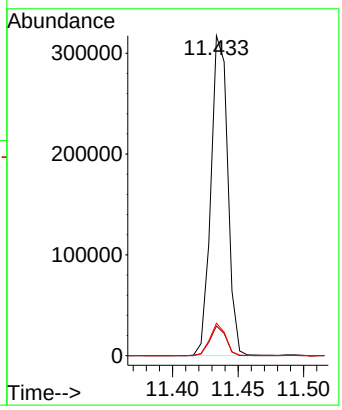


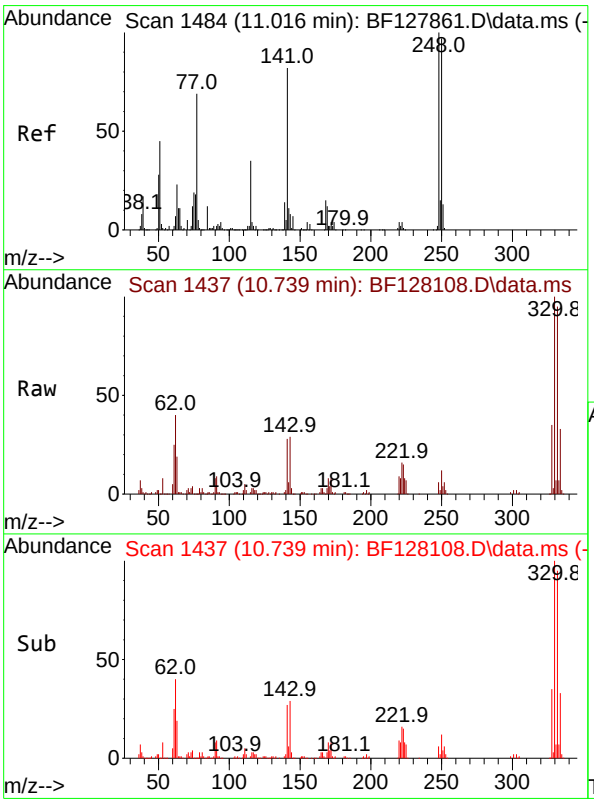
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:188 Resp: 283719

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	10.2	8.9	13.3

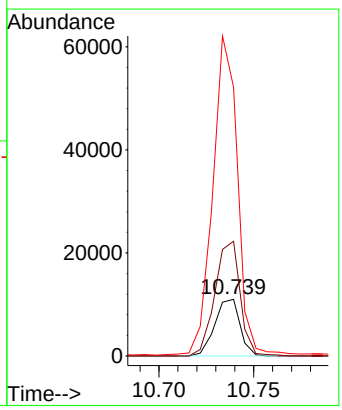


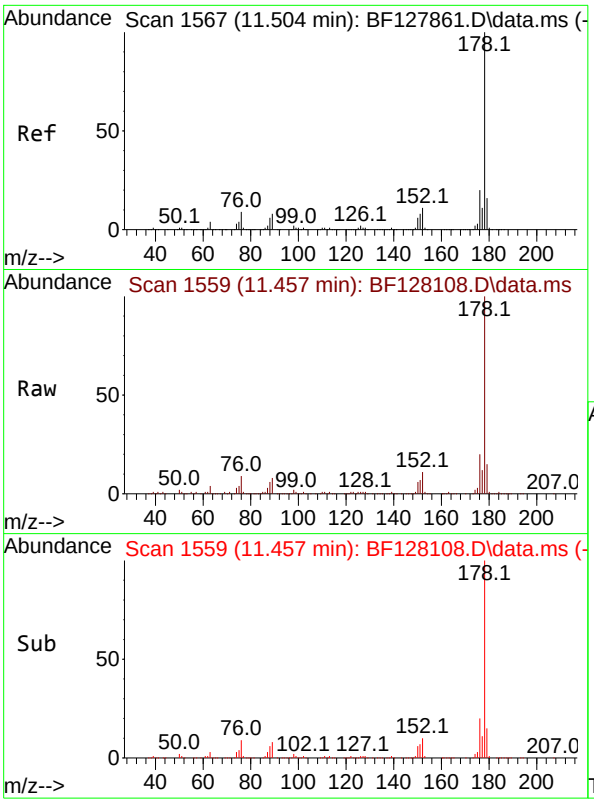


#67
4-Bromophenyl-phenylether
Concen: 3.244 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:248 Resp: 10204

Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.7	116.5#
141	474.4	65.6	98.4#



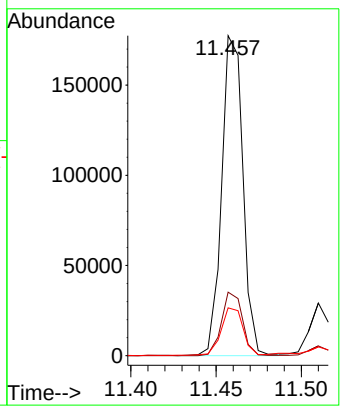


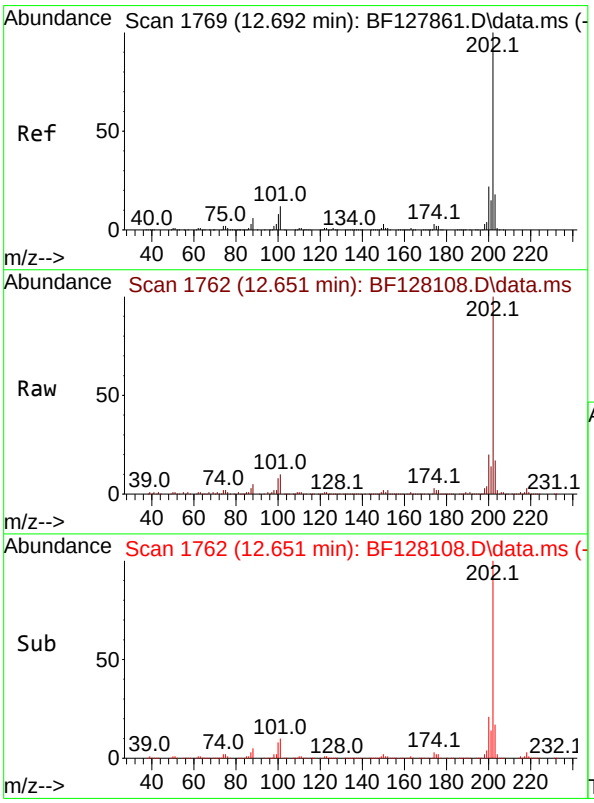
#71
Phenanthrene
Concen: 10.361 ng
RT: 11.457 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:178 Resp: 153875

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.0	12.6	19.0

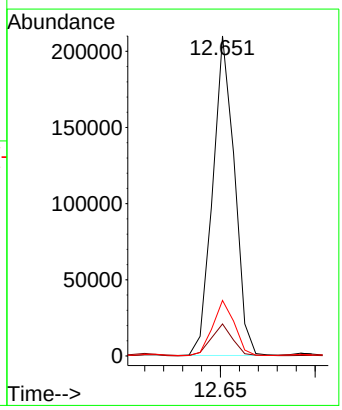


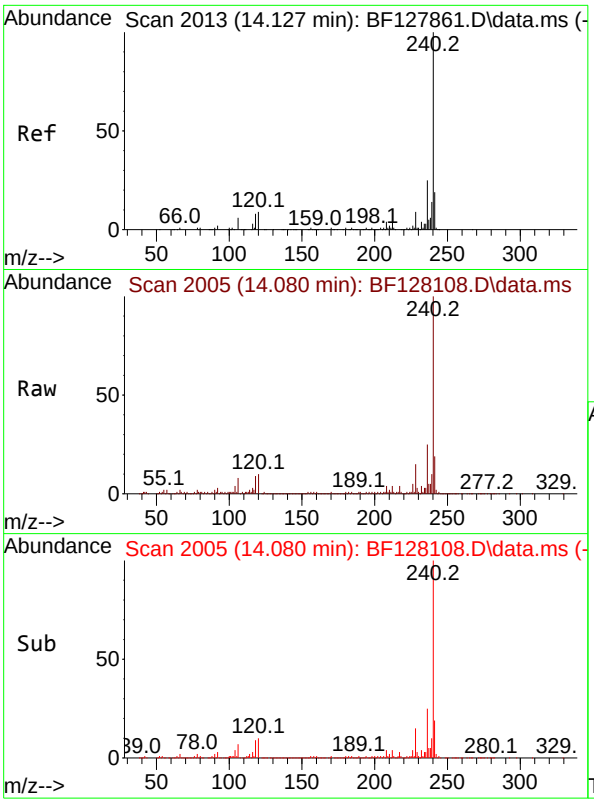


#75
Fluoranthene
Concen: 10.726 ng
RT: 12.651 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:202 Resp: 167650

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.6
203	17.3	0.0	38.1



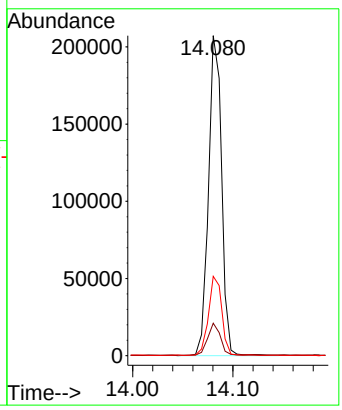


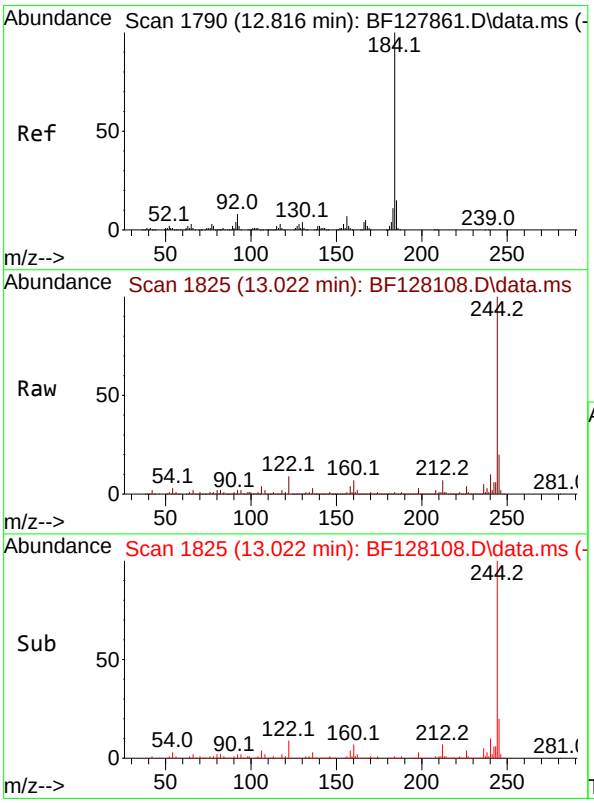
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:240 Resp: 188152

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.0	10.6
236	24.8	20.3	30.5

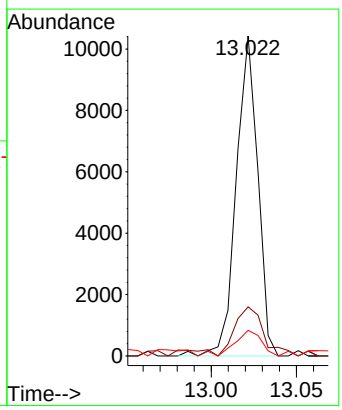


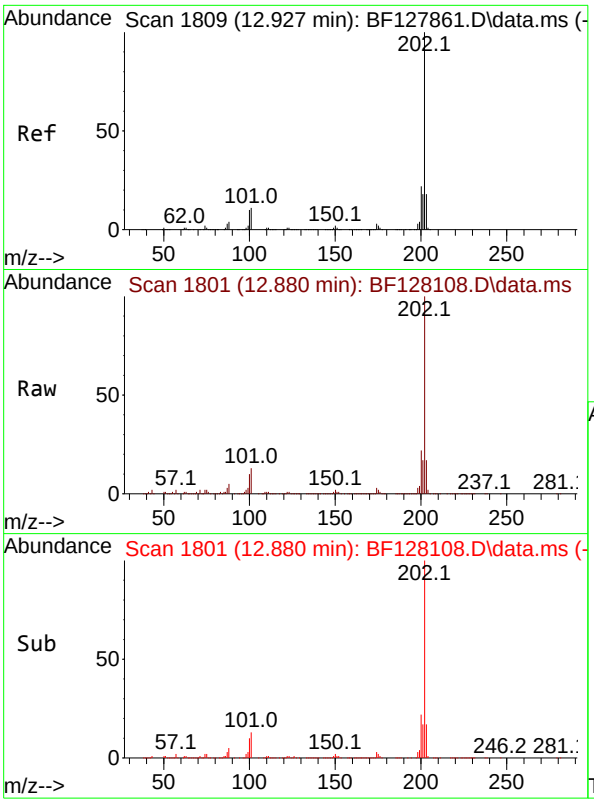


#77
Benzidine
Concen: 2.573 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.241 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:184 Resp: 9161

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.1	18.1
183	8.0	9.0	13.4#



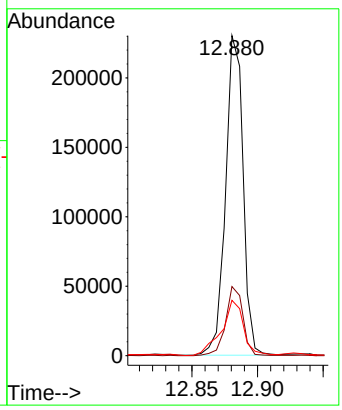


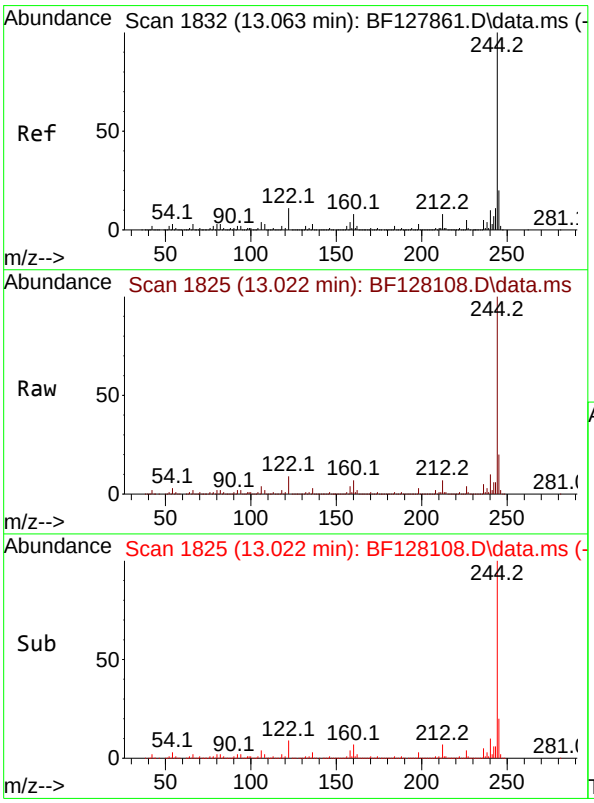
#78
Pyrene
Concen: 14.058 ng
RT: 12.880 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:202 Resp: 213521

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.3	14.0	21.0

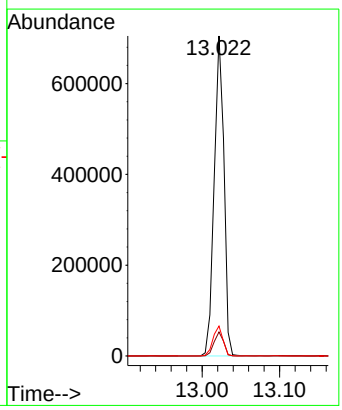


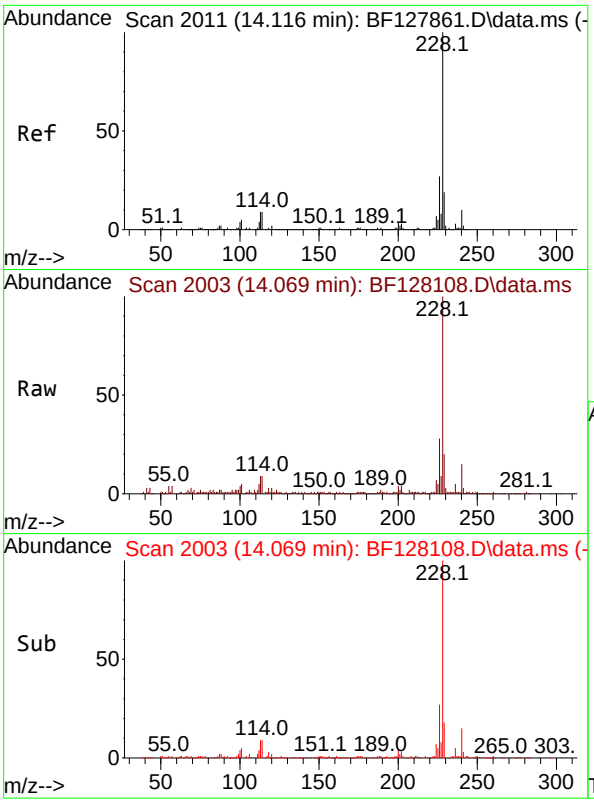


#79
Terphenyl-d14
Concen: 59.837 ng
RT: 13.022 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:244 Resp: 615696

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.4
122	9.4	8.6	12.8



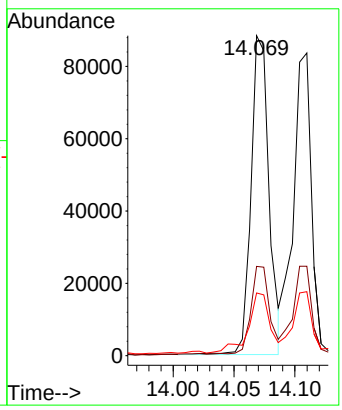


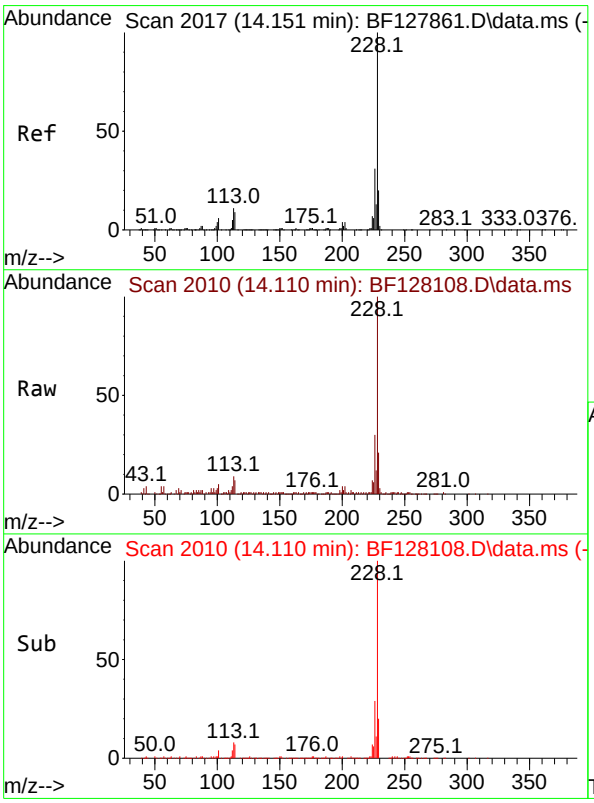
#81
Benzo(a)anthracene
Concen: 7.213 ng
RT: 14.069 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:228 Resp: 90458

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.7	32.5
229	19.6	15.4	23.2

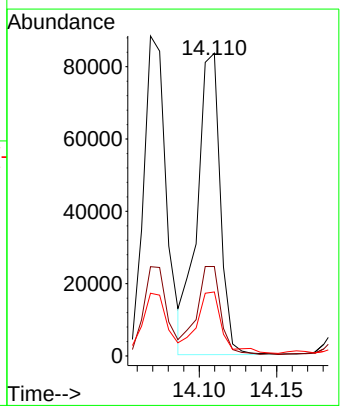


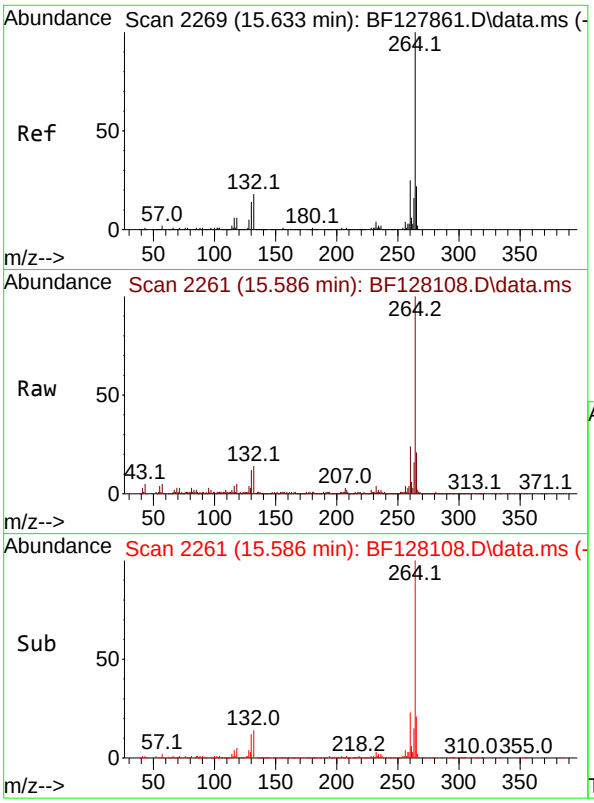


#83
Chrysene
Concen: 7.221 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:228 Resp: 86491

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	21.2	15.8	23.8



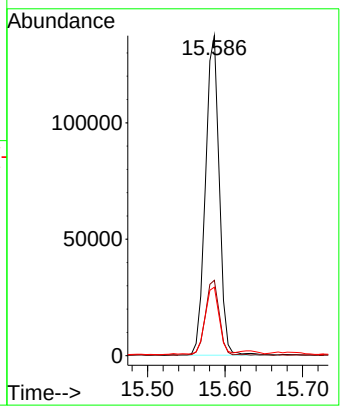


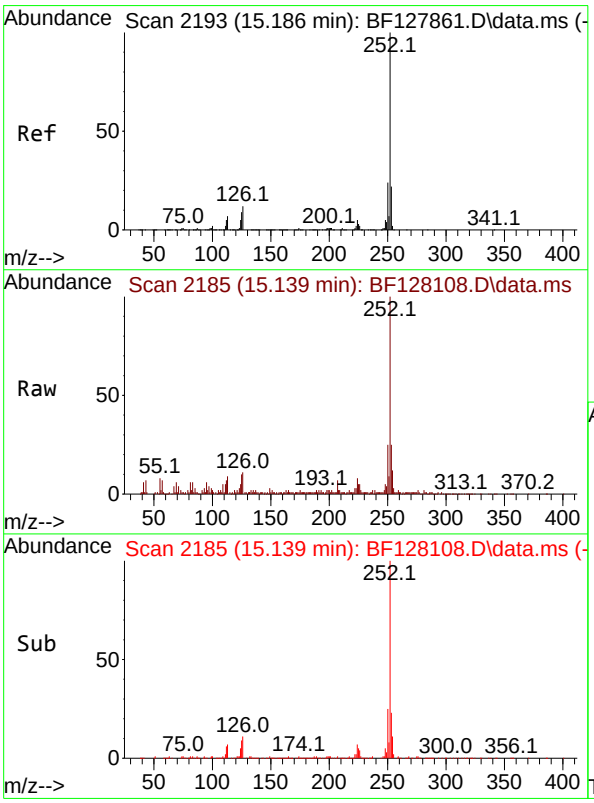
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:264 Resp: 169660

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.1	30.1
265	21.4	17.5	26.3

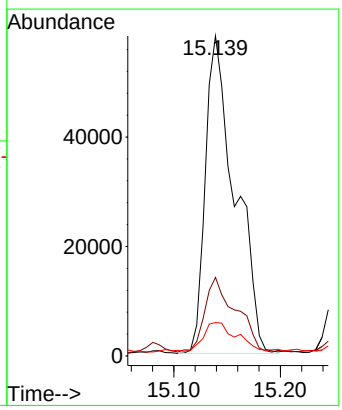


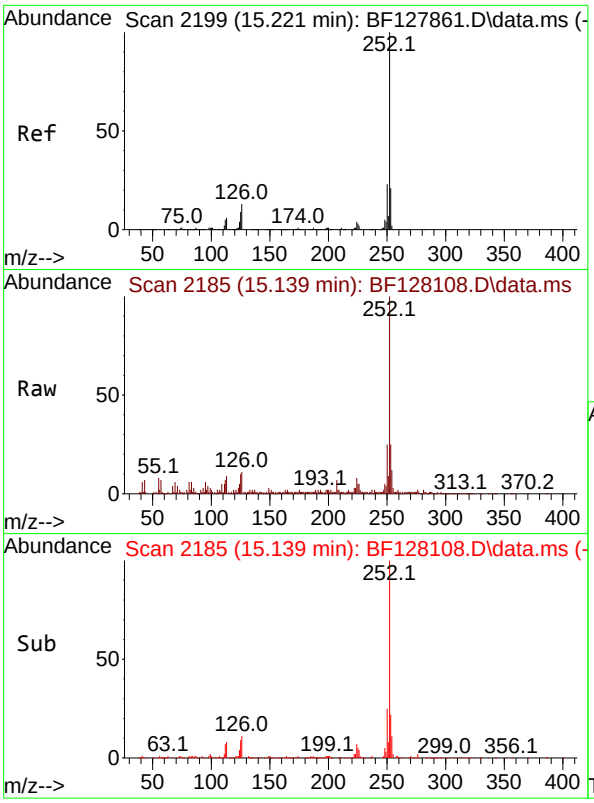


#88
Benzo(b)fluoranthene
Concen: 10.562 ng
RT: 15.139 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:252 Resp: 112555

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	10.4	7.4	11.2



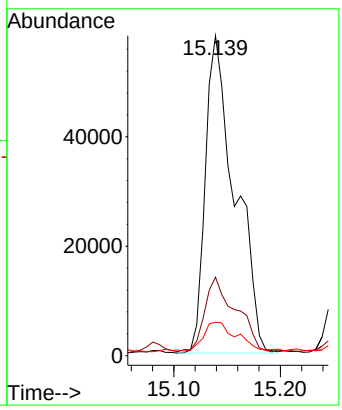


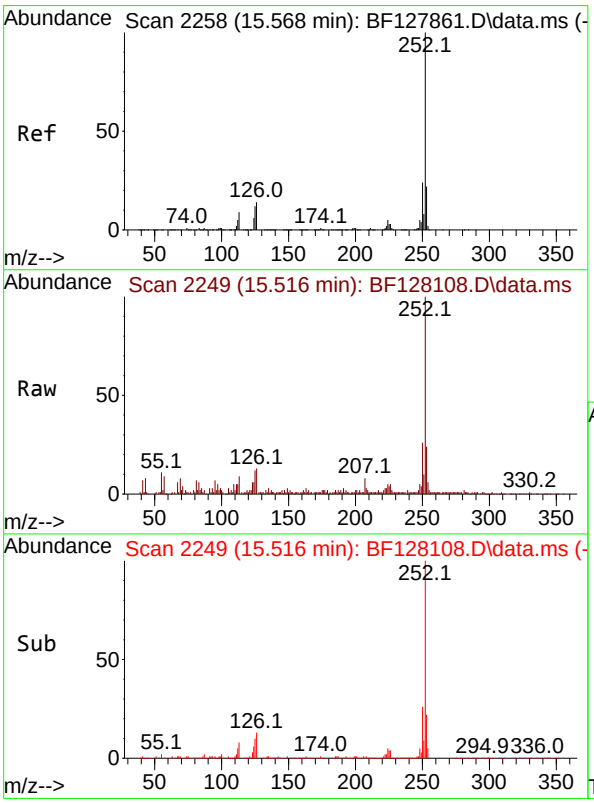
#89
Benzo(k)fluoranthene
Concen: 10.484 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:252 Resp: 112555

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.4
125	10.4	6.8	10.2#

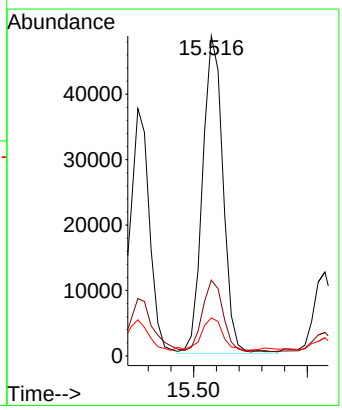


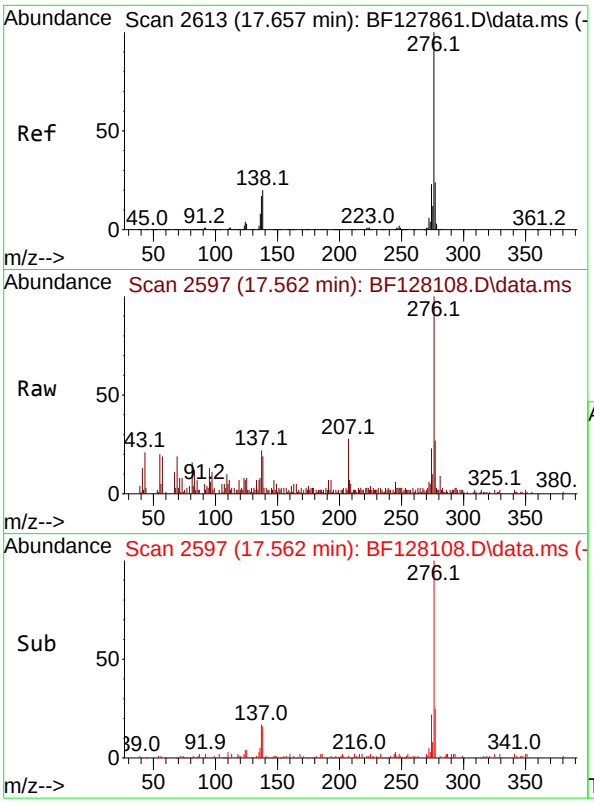


#90
Benzo(a)pyrene
Concen: 6.884 ng
RT: 15.516 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Tgt Ion:252 Resp: 60852

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	11.9	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 2.960 ng
RT: 17.562 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF128108.D
Acq: 05 May 2022 21:48

Instrument :
BNA_F
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Tgt Ion:276 Resp: 28329

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.8	28.2
138	18.9	16.2	24.2