Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130910.D
Acq On : 01 Nov 2022 20:32
Operator : CG\JU
Sample : N5235-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 02 08:23:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 08:18:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	91074	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	305891	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	132355	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	210712	20.000	ng	0.00
76) Chrysene-d12	14.127	240	166375	20.000	ng	0.00
86) Perylene-d12	15.645	264	113196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	263340	50.127	ng	0.00
7) Phenol-d6	6.551	99	317579	46.519	ng	0.00
23) Nitrobenzene-d5	7.492	82	204615	40.335	ng	-0.01
42) 2,4,6-Tribromophenol	10.769	330	56654	50.849	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	332030	37.928	ng	0.00
79) Terphenyl-d14	13.063	244	307605	33.880	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	29297	6.307	ng	# 79
25) Isophorone	7.492	82	202971	19.403	ng	# 66
48) 2-Nitroaniline	9.433	65	53	4.167	ng	# 12
49) Acenaphthylene	9.839	152	25565	2.140	ng	98
51) 2,6-Dinitrotoluene	9.981	165	17233	12.181	ng	# 14
57) 2,4-Dinitrotoluene	9.981	165	17233	11.030	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.769	198	215	8.132	ng	# 1
75) Fluoranthene	12.692	202	53202	4.604	ng	98
78) Pyrene	12.922	202	95079	6.774	ng	97
81) Benzo(a)anthracene	14.116	228	39793	3.607	ng	# 74
83) Chrysene	14.151	228	48353	4.544	ng	96
87) Indeno(1,2,3-cd)pyrene	17.186	276	20498	2.727	ng	98
88) Benzo(b)fluoranthene	15.192	252	56647	7.741	ng	# 88
89) Benzo(k)fluoranthene	15.192	252	56731	7.956	ng	# 89
90) Benzo(a)pyrene	15.574	252	33766	5.740	ng	# 88
92) Benzo(g,h,i)perylene	17.656	276	28219	4.514	ng	96

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

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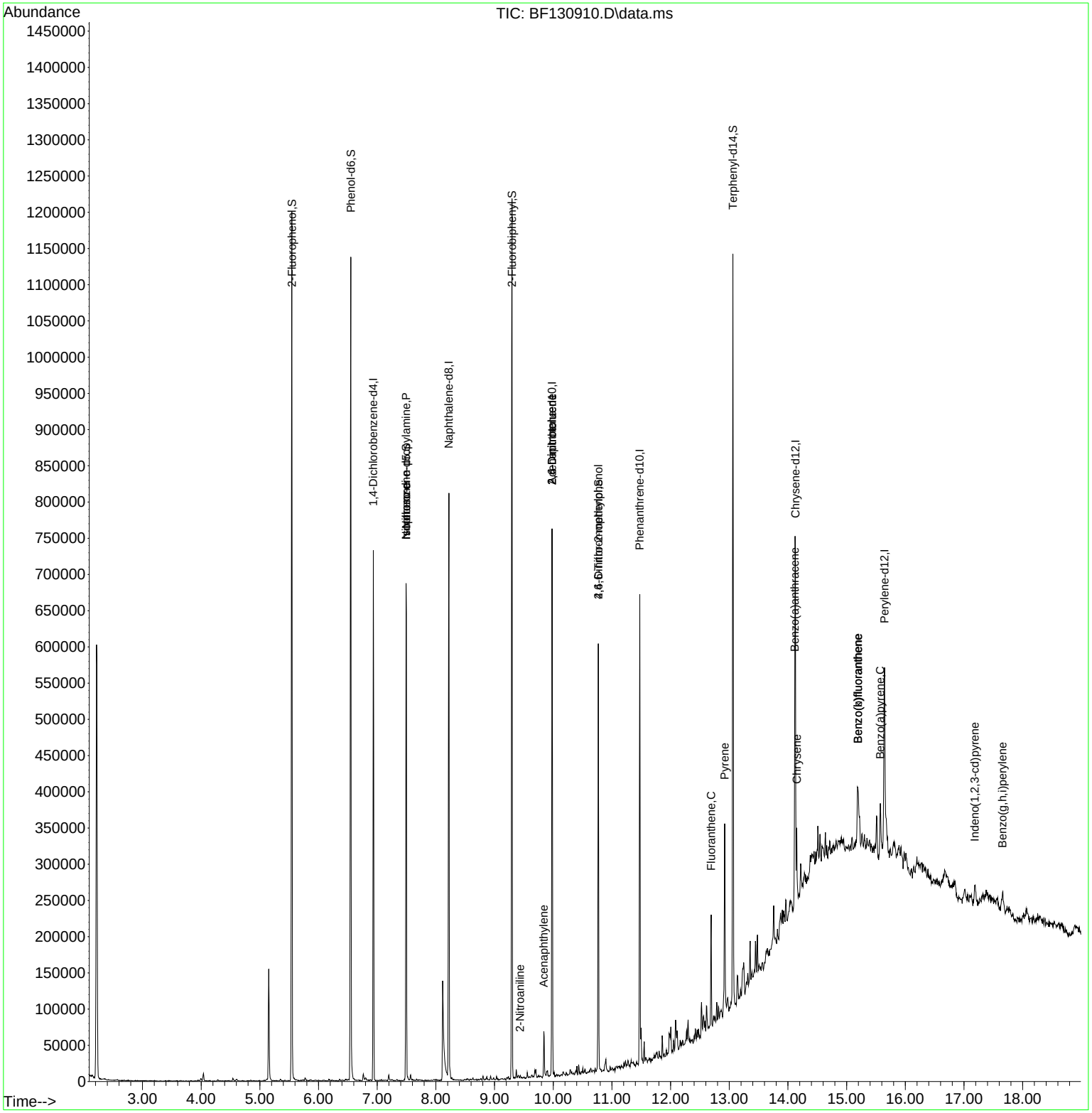
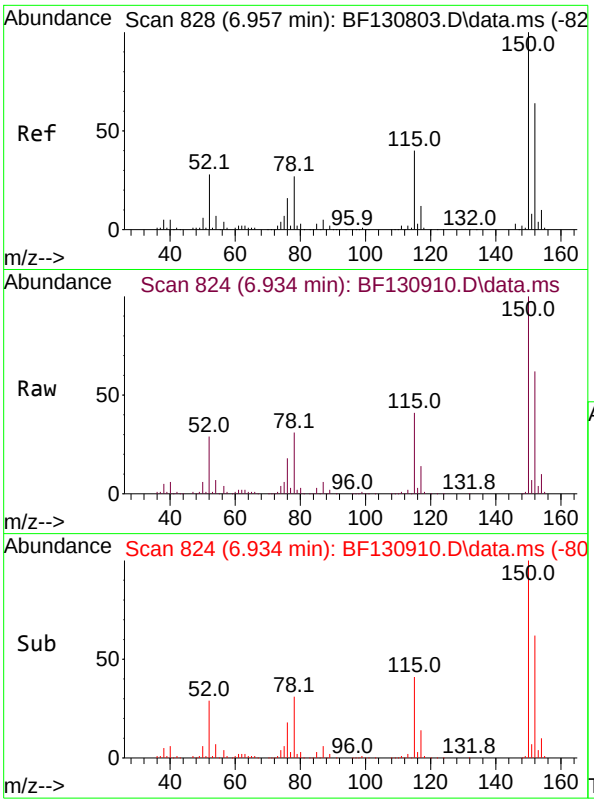


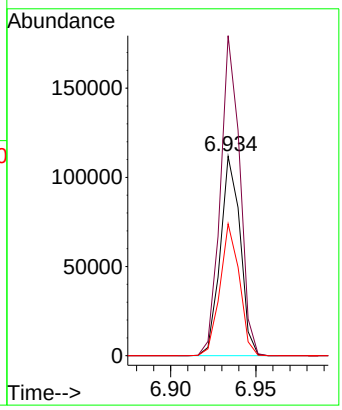


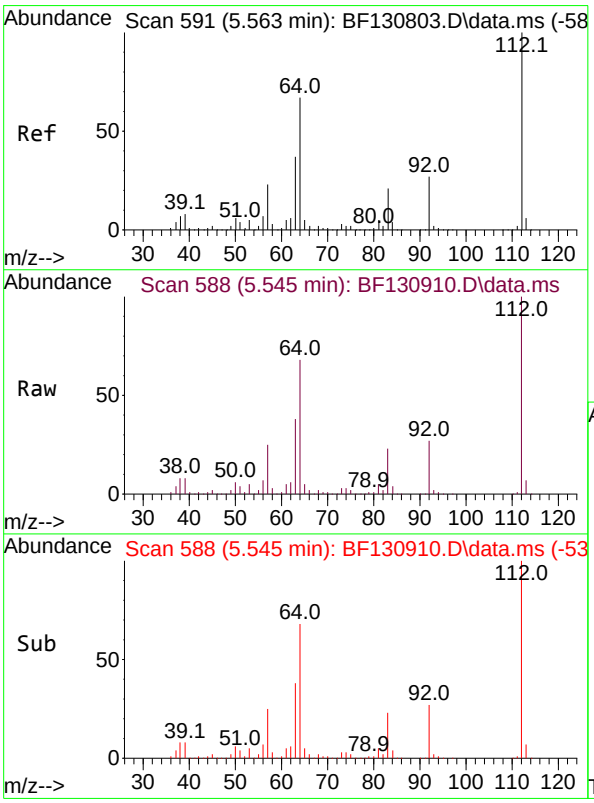
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.005 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 91074

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.1	186.1
115	66.1	50.1	75.1

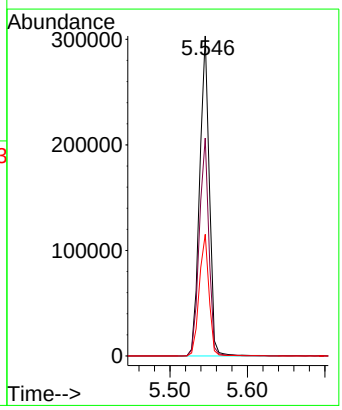


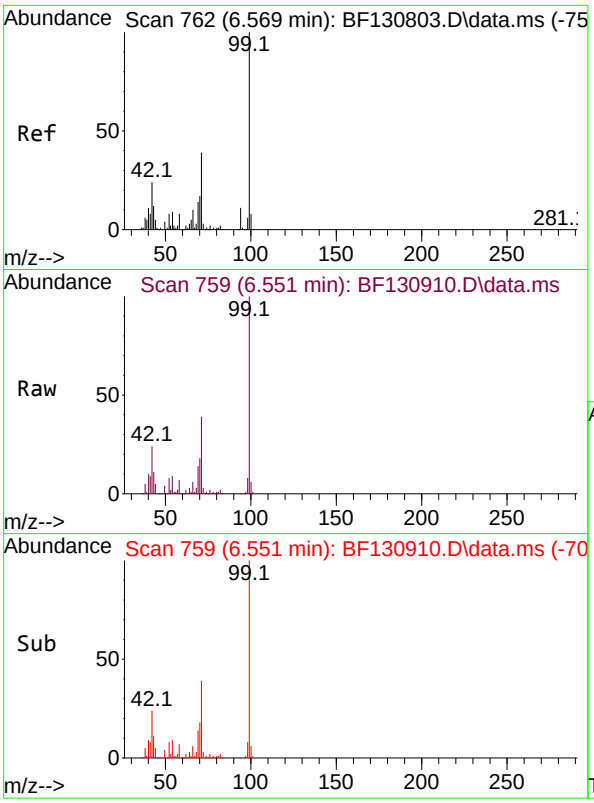


#5
2-Fluorophenol
Concen: 50.127 ng
RT: 5.545 min Scan# 588
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:112 Resp: 263340

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.9	80.9
63	38.0	29.4	44.2



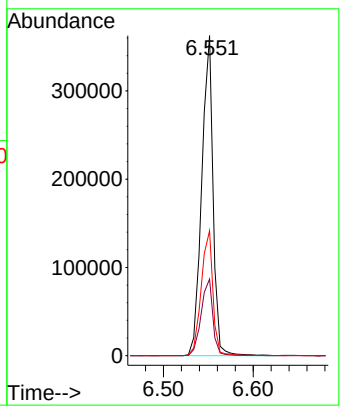


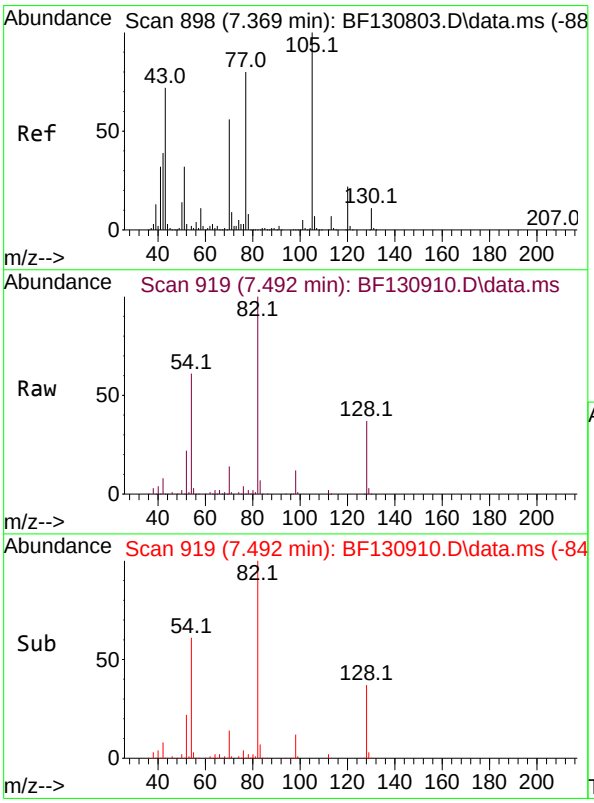
#7
Phenol-d6
Concen: 46.519 ng
RT: 6.551 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 317579

Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.8	28.2
71	39.1	31.4	47.0

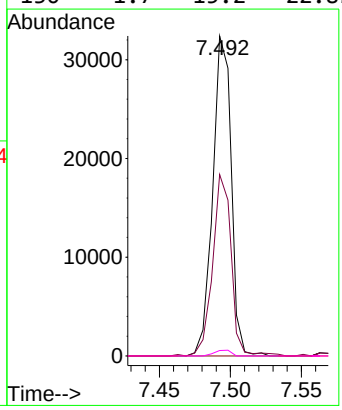


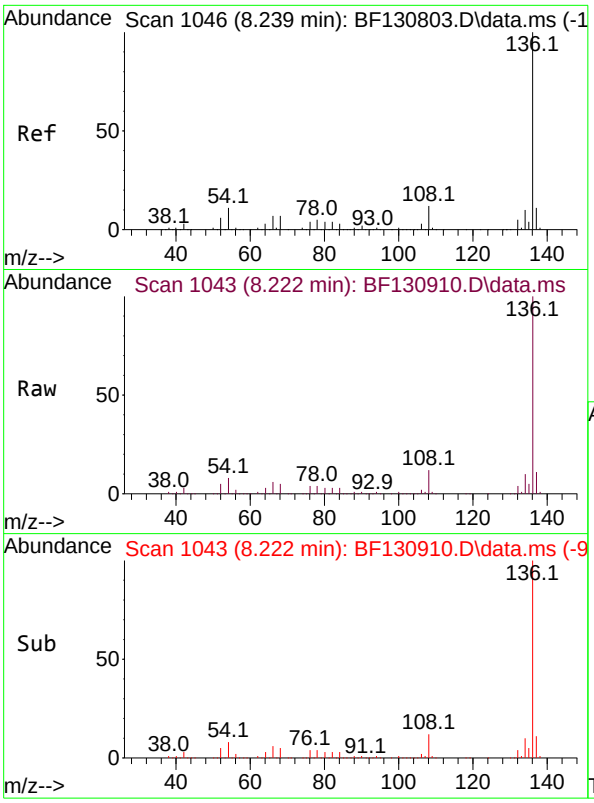


#19
n-Nitroso-di-n-propylamine
Concen: 6.307 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.141 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion: 70 Resp: 29297

Ion	Ratio	Lower	Upper
70	100		
42	56.7	56.1	84.1
101	0.0	7.3	10.9#
130	1.7	15.2	22.8#



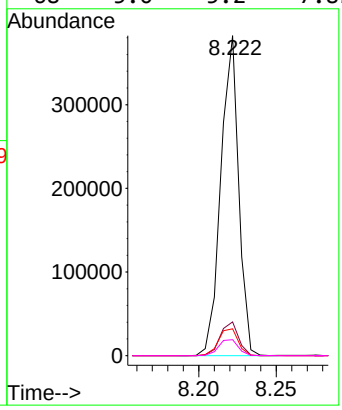


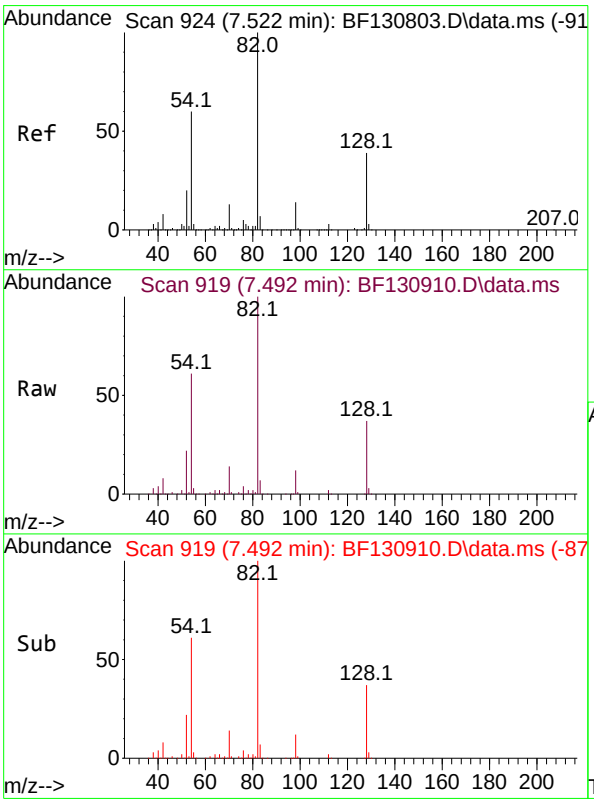
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 305891

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.4	8.8	13.2#
68	5.0	5.2	7.8#

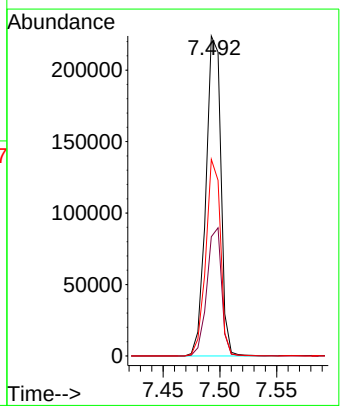


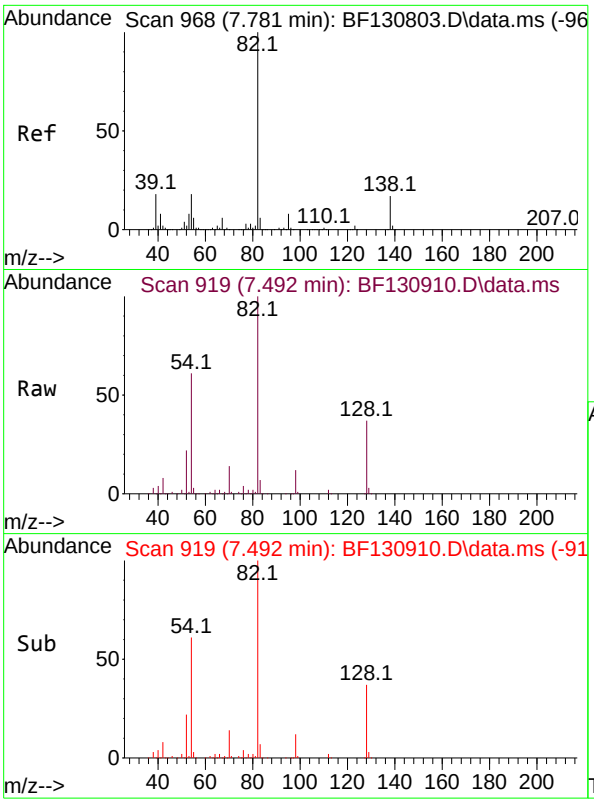


#23
Nitrobenzene-d5
Concen: 40.335 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.012 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion: 82 Resp: 204615

Ion	Ratio	Lower	Upper
82	100		
128	37.3	31.2	46.8
54	61.5	48.0	72.0



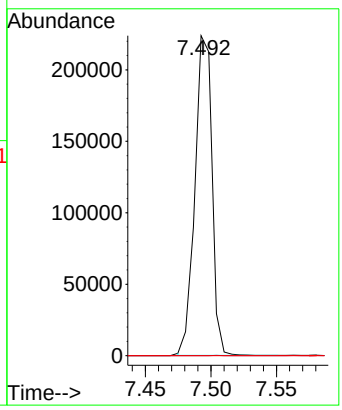


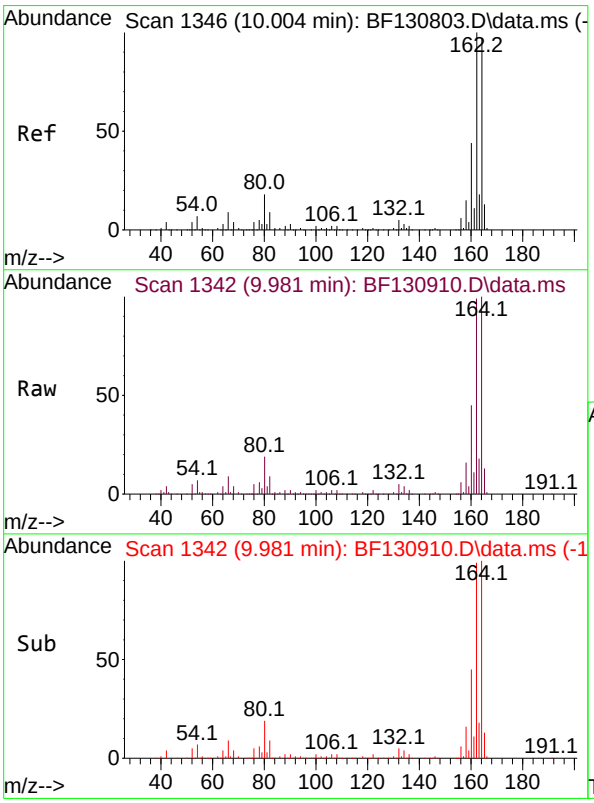
#25
Isophorone
Concen: 19.403 ng
RT: 7.492 min Scan# 9
Delta R.T. -0.271 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 202971

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.4#
138	0.0	13.8	20.6#

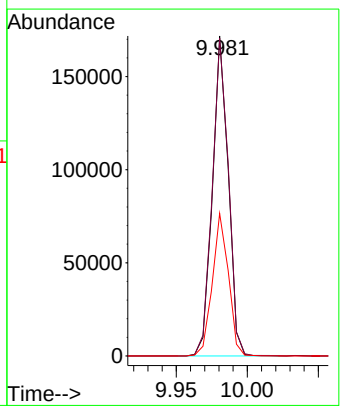


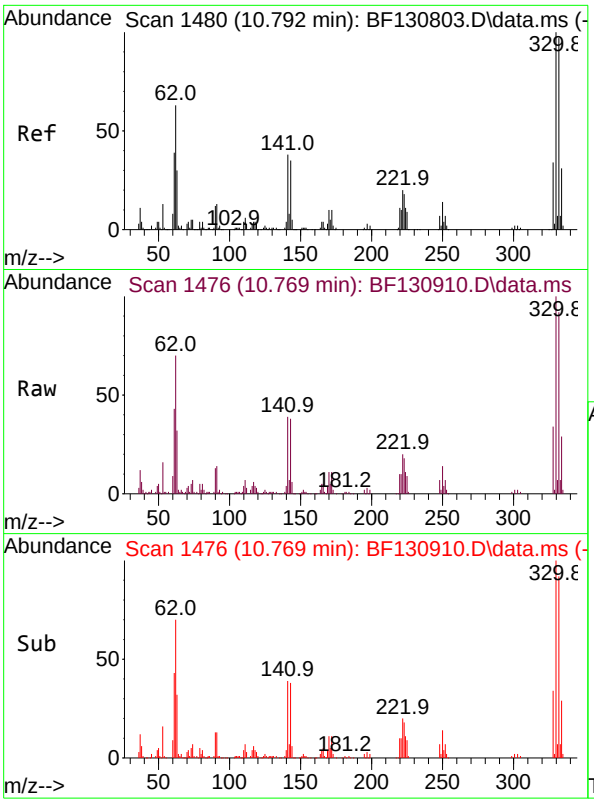


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:164 Resp: 132355

Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.2	123.2
160	44.6	36.6	54.8



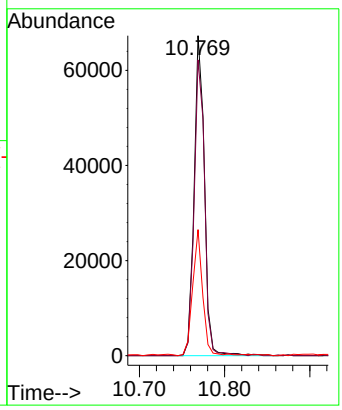


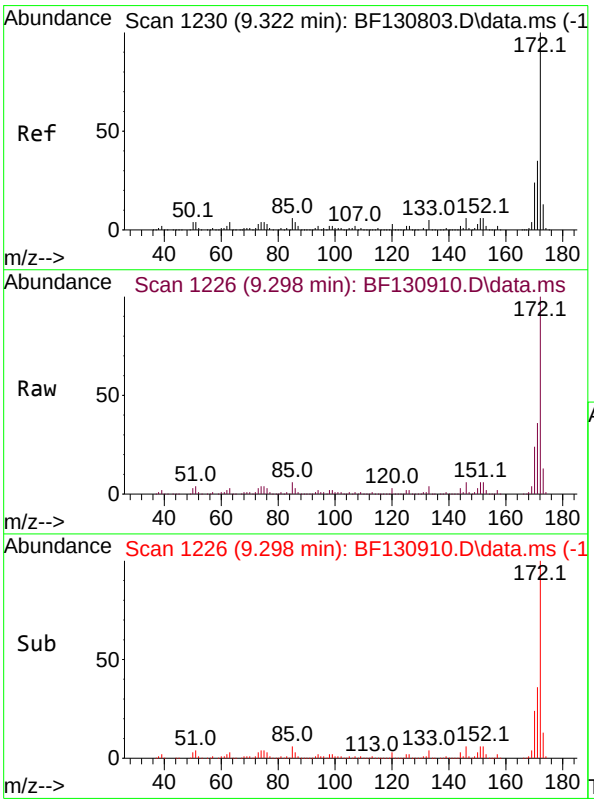
#42
2,4,6-Tribromophenol
Concen: 50.849 ng
RT: 10.769 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 56654

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.2	114.4
141	38.2	31.4	47.0

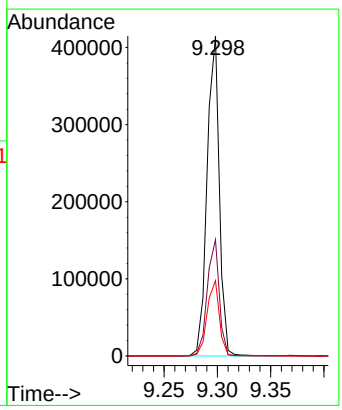


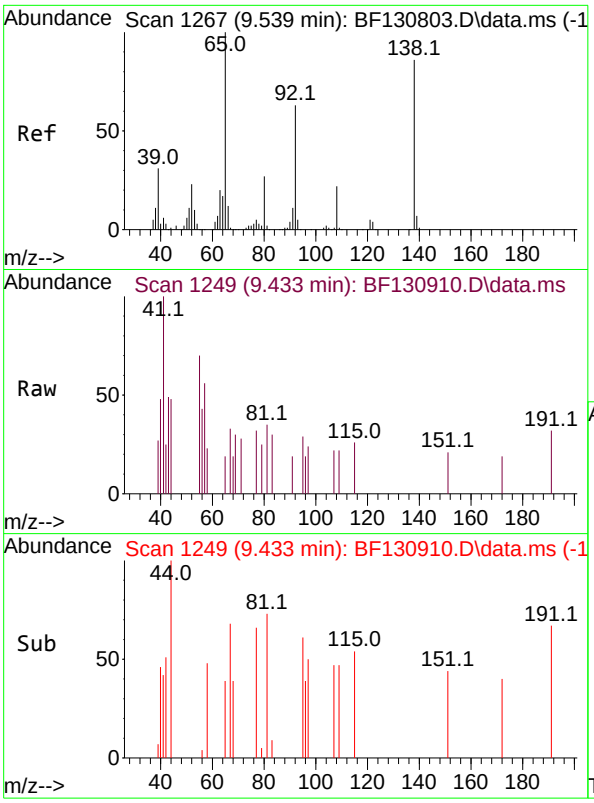


#45
2-Fluorobiphenyl
Concen: 37.928 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:172 Resp: 332030

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.1	42.1
170	23.5	19.0	28.4



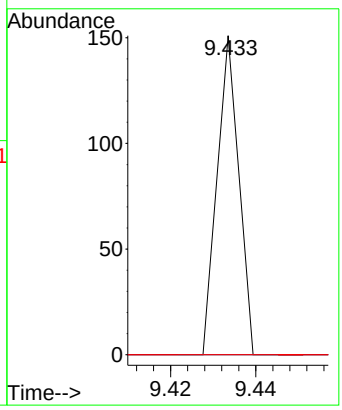


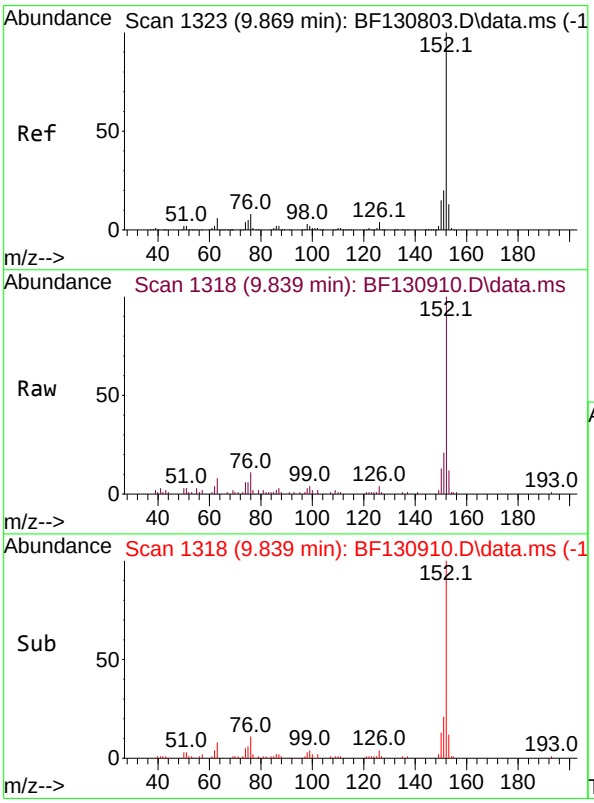
#48
2-Nitroaniline
Concen: 4.167 ng
RT: 9.433 min Scan# 1
Delta R.T. -0.094 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 53

Ion	Ratio	Lower	Upper
65	100		
92	0.0	50.1	75.1#
138	0.0	69.2	103.8#

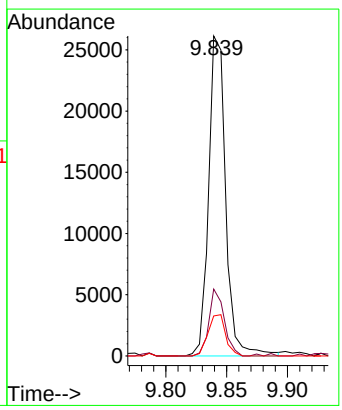


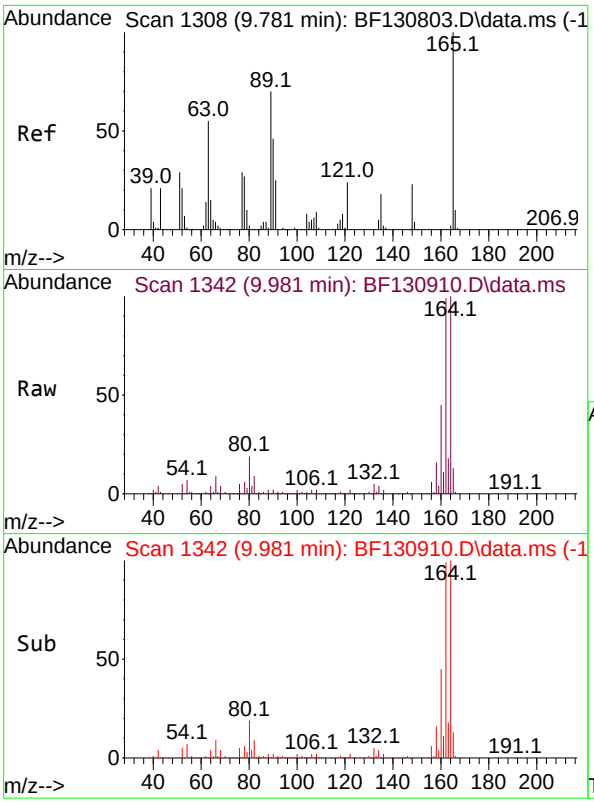


#49
Acenaphthylene
Concen: 2.140 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:152 Resp: 25565

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	12.5	10.2	15.4



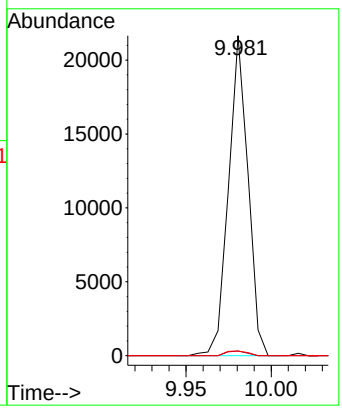


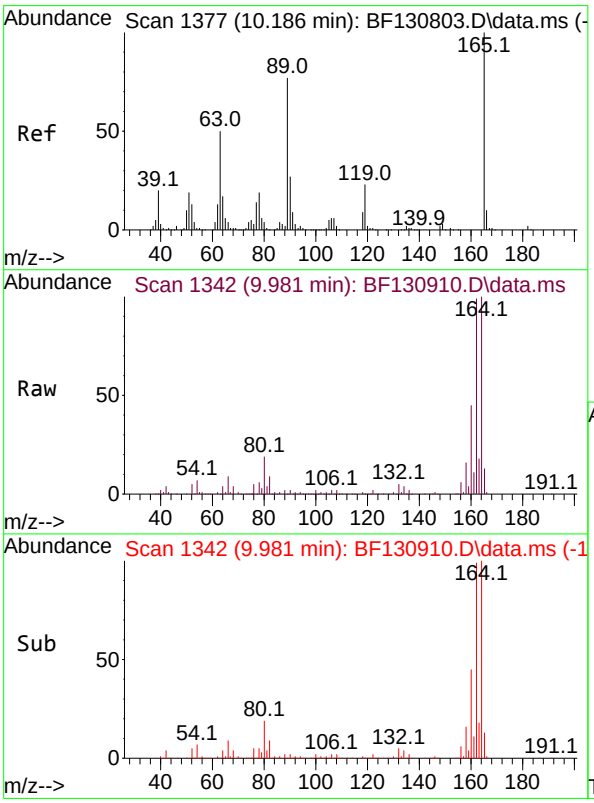
#51
2,6-Dinitrotoluene
Concen: 12.181 ng
RT: 9.981 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17233

Ion	Ratio	Lower	Upper
165	100		
63	1.5	61.8	92.8#
89	1.5	56.2	84.4#

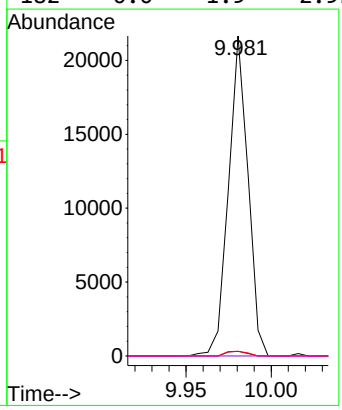


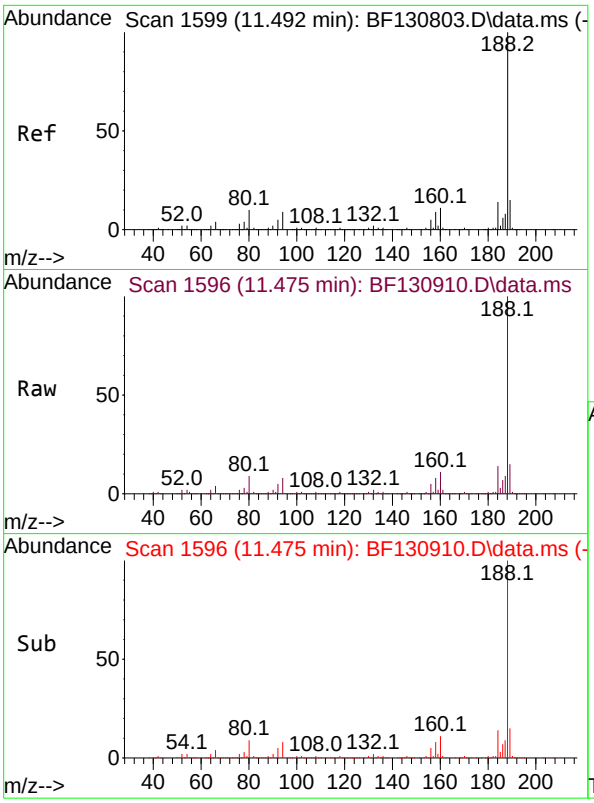


#57
2,4-Dinitrotoluene
Concen: 11.030 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:165 Resp: 17233

Ion	Ratio	Lower	Upper
165	100		
63	1.5	39.8	59.6#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#



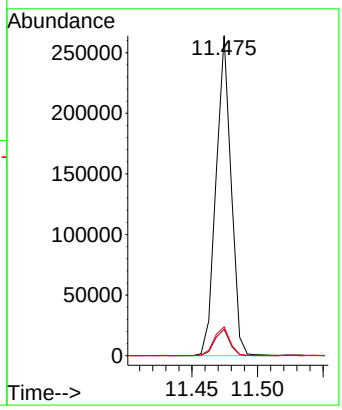


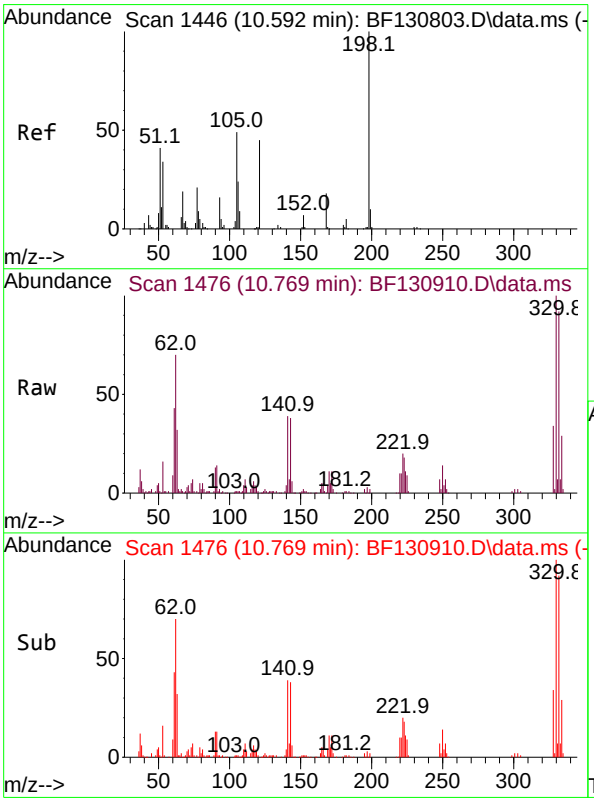
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 210712

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.4	11.2
80	9.0	8.0	12.0

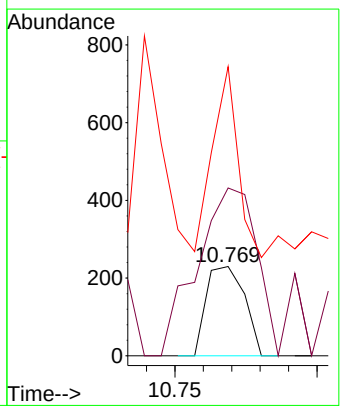


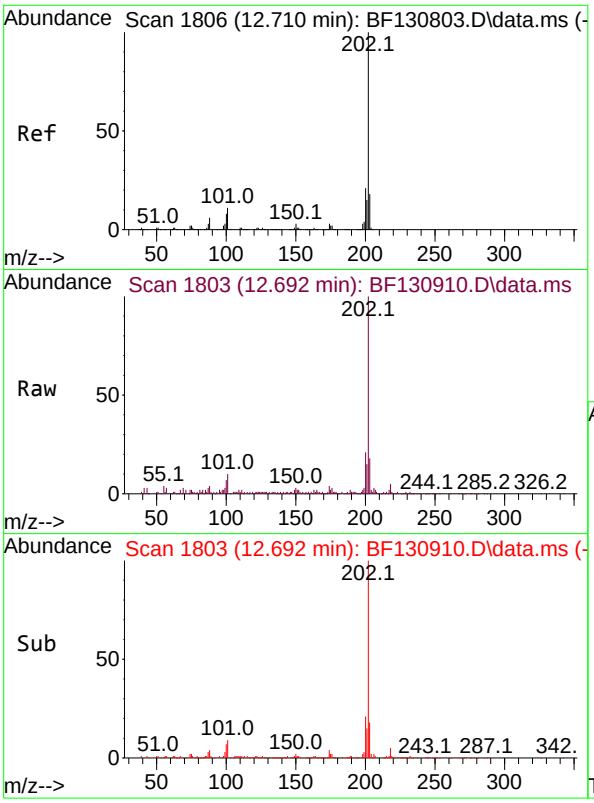


#65
4,6-Dinitro-2-methylphenol
Concen: 8.132 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.188 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:198 Resp: 215

Ion	Ratio	Lower	Upper
198	100		
51	187.8	39.0	79.0#
105	323.5	30.6	70.6#



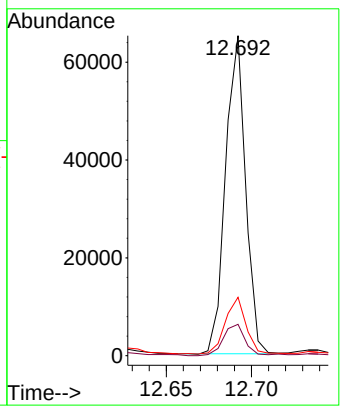


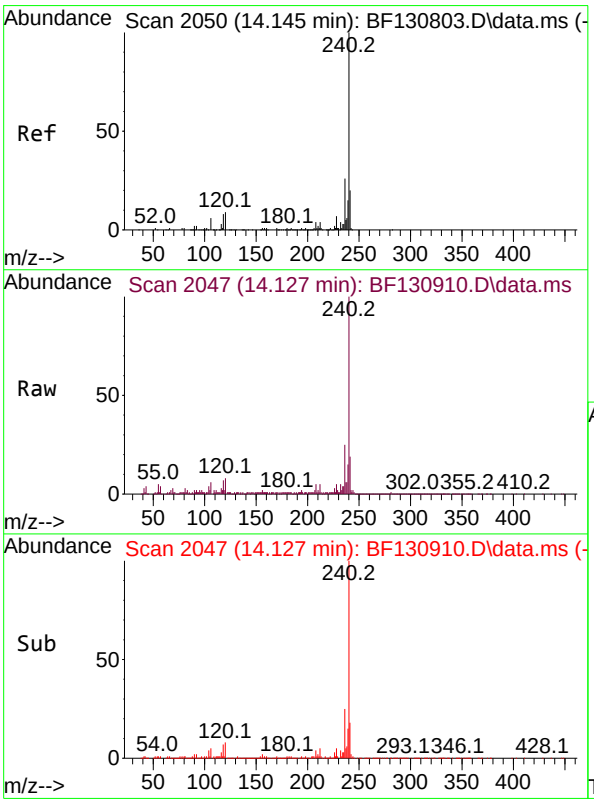
#75
Fluoranthene
Concen: 4.604 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 53202

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.9
203	18.3	0.0	37.7

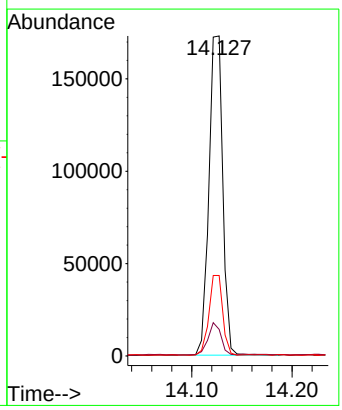


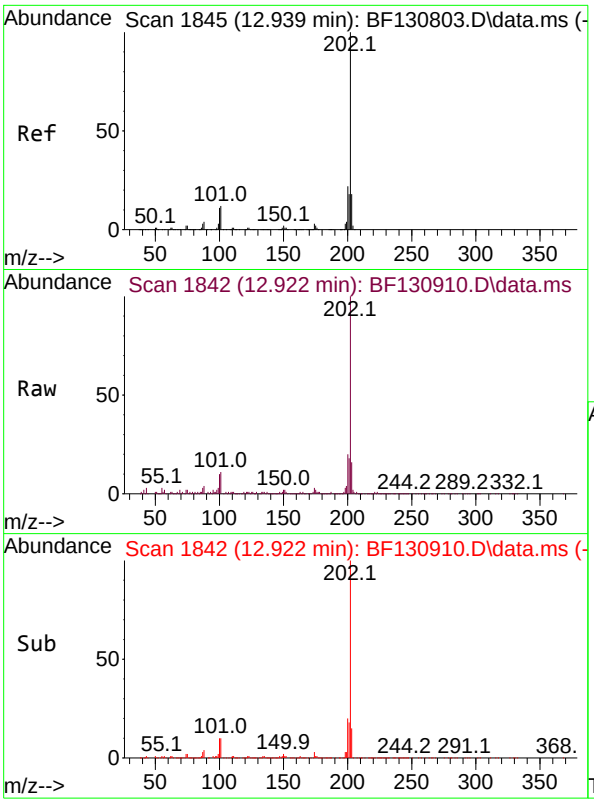


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:240 Resp: 166375

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.4
236	25.2	20.5	30.7



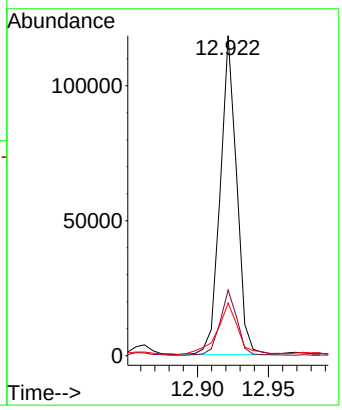


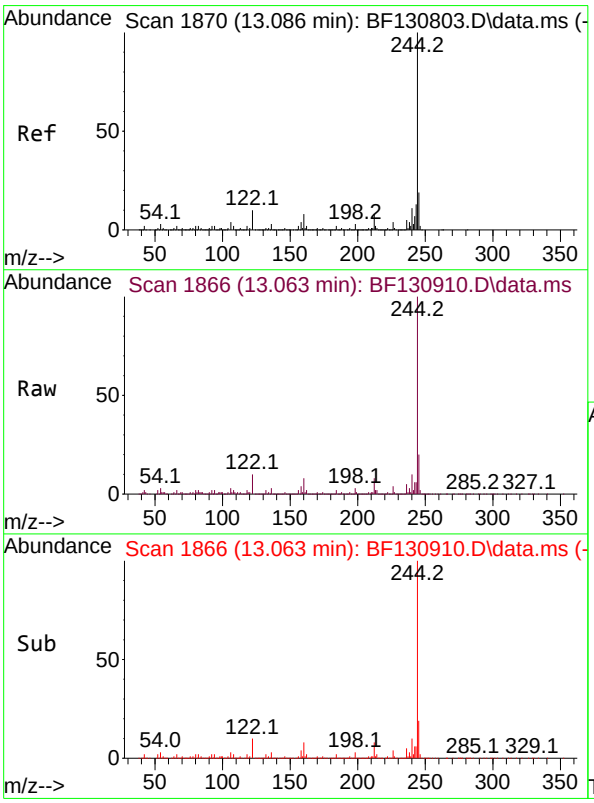
#78
Pyrene
Concen: 6.774 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 95079

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.2	25.8
203	16.4	14.5	21.7

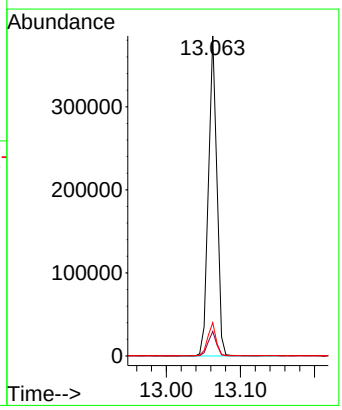


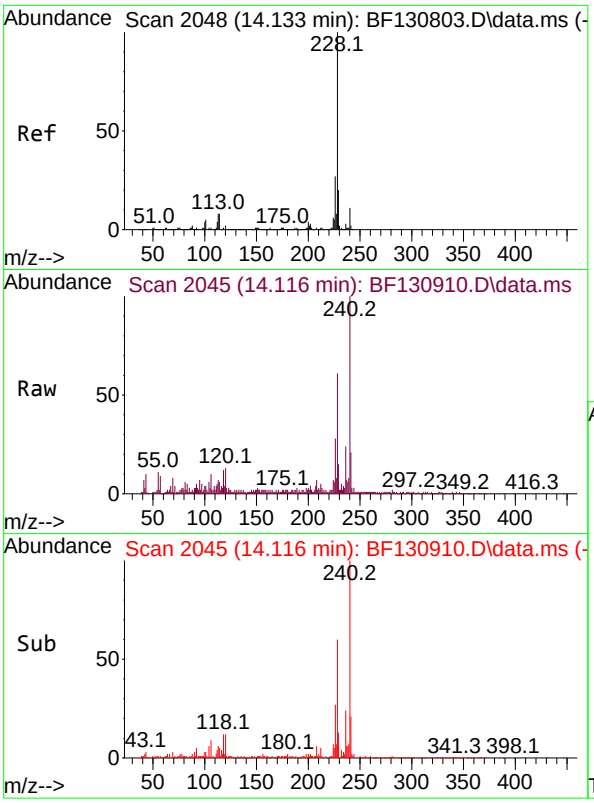


#79
Terphenyl-d14
Concen: 33.880 ng
RT: 13.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:244 Resp: 307605

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	10.4	7.9	11.9



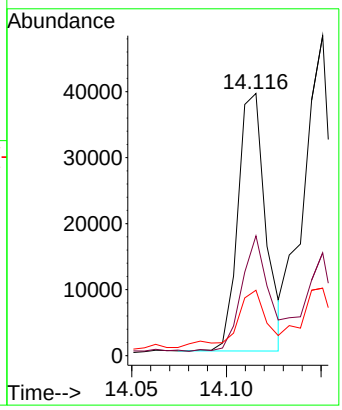


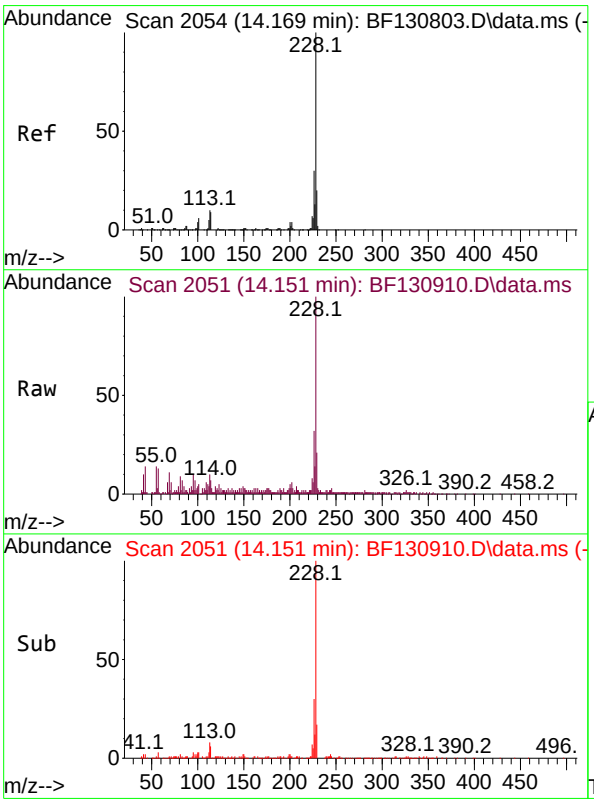
#81
Benzo(a)anthracene
Concen: 3.607 ng
RT: 14.116 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39793

Ion	Ratio	Lower	Upper
228	100		
226	45.7	21.4	32.2#
229	25.0	15.8	23.6#

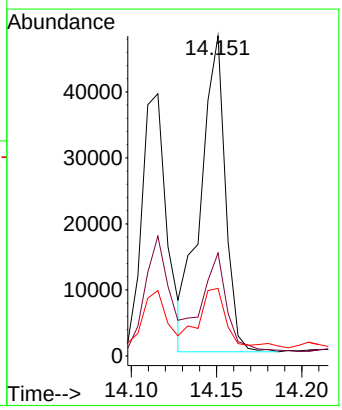


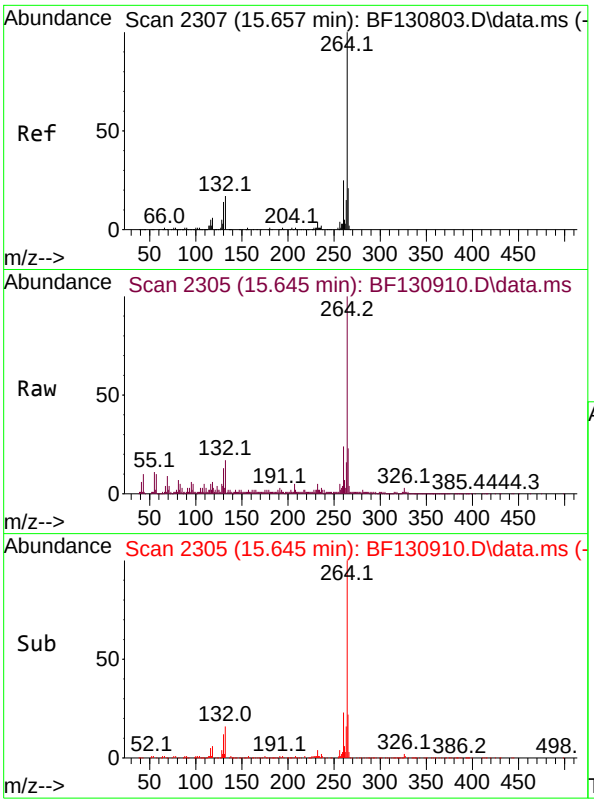


#83
Chrysene
Concen: 4.544 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:228 Resp: 48353

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.9	35.9
229	21.1	15.8	23.6



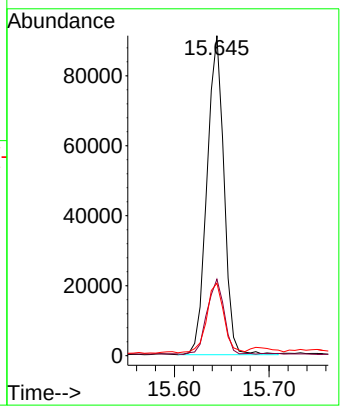


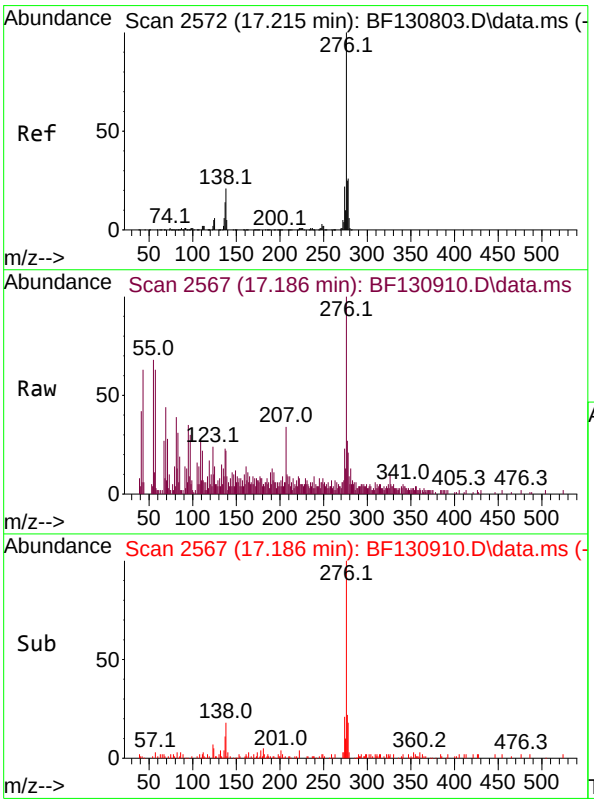
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 113196

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.9	29.9
265	22.7	17.0	25.6

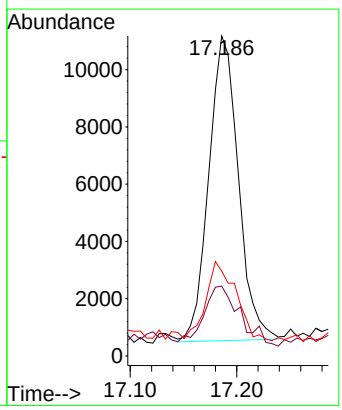


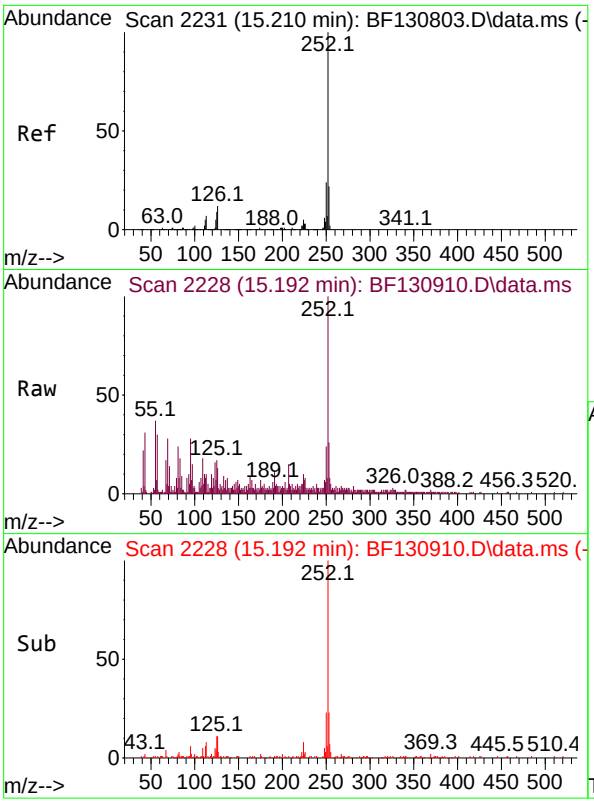


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.727 ng
RT: 17.186 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:276 Resp: 20498

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.1	28.7
277	26.4	20.1	30.1



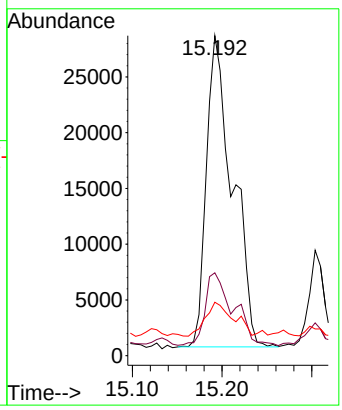


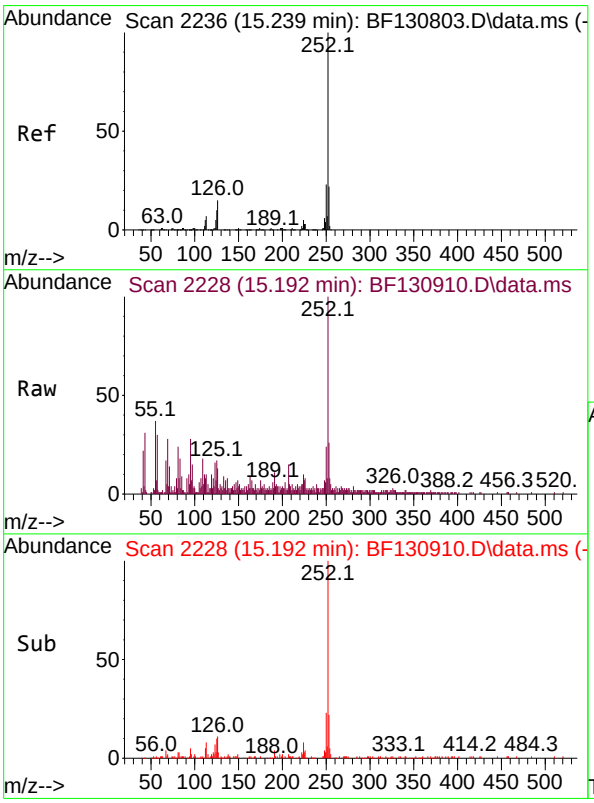
#88
Benzo(b)fluoranthene
Concen: 7.741 ng
RT: 15.192 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 56647

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.5	26.3
125	16.7	7.0	10.4#

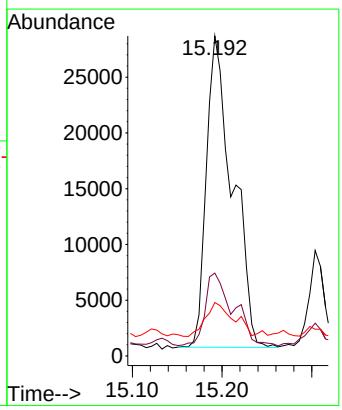


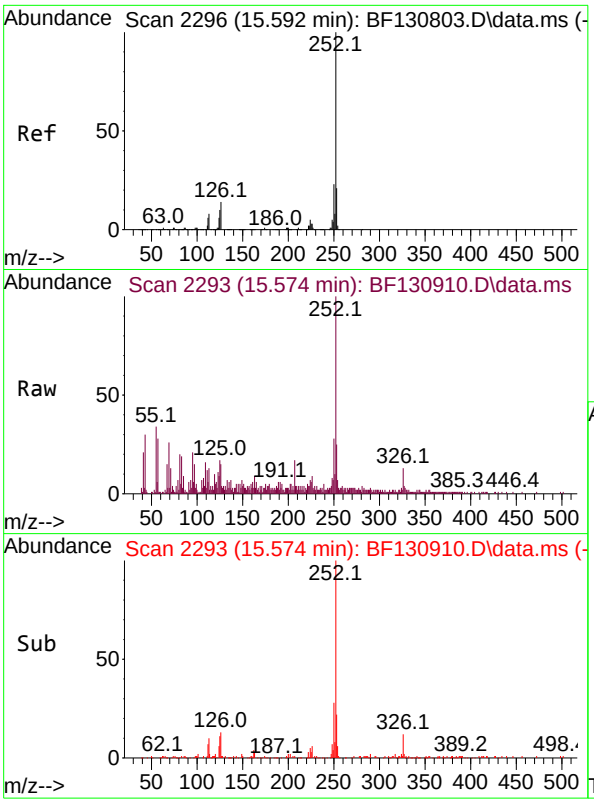


#89
Benzo(k)fluoranthene
Concen: 7.956 ng
RT: 15.192 min Scan# 2228
Delta R.T. -0.035 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:252 Resp: 56731

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.5	26.3
125	16.7	8.0	12.0#



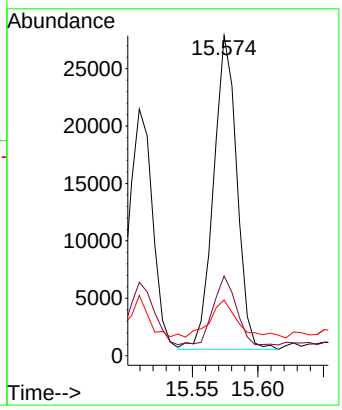


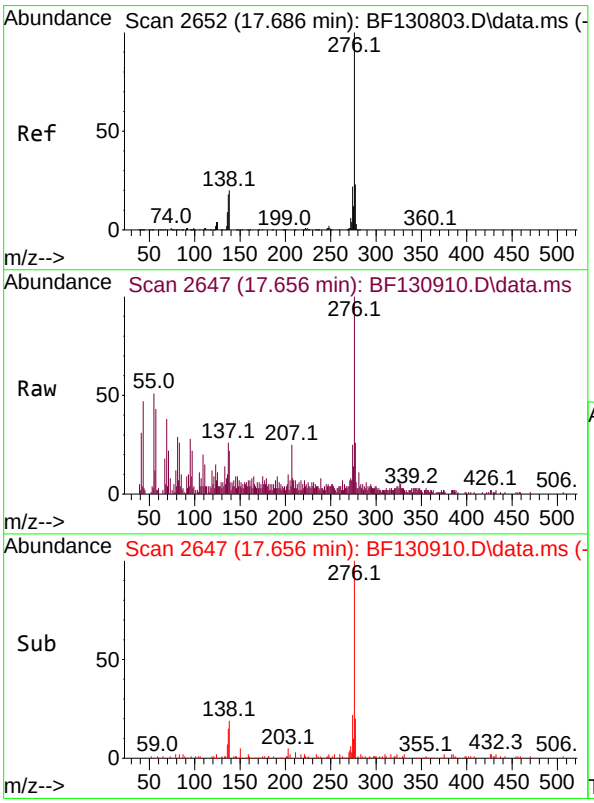
#90
Benzo(a)pyrene
Concen: 5.740 ng
RT: 15.574 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 33766

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.8	25.2
125	17.4	8.3	12.5#





#92
Benzo(g,h,i)perylene
Concen: 4.514 ng
RT: 17.656 min Scan# 2647
Delta R.T. -0.012 min
Lab File: BF130910.D
Acq: 01 Nov 2022 20:32

Tgt Ion:276 Resp: 28219

Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.8	28.2
138	22.2	16.3	24.5