Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099664.D
Acq On : 19 Oct 2017 18:36
Operator : SJ/JU
Sample : I5879-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 12:48:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 19 19:55:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	94248	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	393606	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	179437	20.00	ng		-0.02
63) Phenanthrene-d10	11.34	188	303871	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	157670	20.00	ng		-0.02
86) Perylene-d12	15.44	264	163648	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	685469	115.78	ng		0.00
7) Phenol-d6	6.47	99	822285	112.59	ng		-0.01
23) Nitrobenzene-d5	7.39	82	479480	78.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	168029	114.44	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	917043	85.32	ng		-0.01
78) Terphenyl-d14	12.92	244	641686	92.56	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	12870	3.038	ng		93
10) Phenol	6.48	94	34126	4.178	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	59494	12.759	ng	#	74
25) Isophorone	7.39	82	479474	37.785	ng	#	64
49) Dimethylphthalate	9.57	163	32332	2.387	ng		98
50) 2,6-Dinitrotoluene	9.85	165	23480	7.964	ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	23480	6.136	ng	#	23
66) 4-Bromophenyl-phenylether	10.65	248	11181	3.759	ng	#	1
70) Phenanthrene	11.36	178	101687	6.252	ng		98
74) Fluoranthene	12.56	202	165892	10.072	ng		97
77) Pyrene	12.79	202	153030	12.728	ng		98
80) Benzo(a)anthracene	13.97	228	45969	4.815	ng		99
82) Chrysene	14.01	228	48079	5.290	ng		96
85) Indeno(1,2,3-cd)pyrene	16.91	276	28557	3.928	ng		97
87) Benzo(b)fluoranthene	15.02	252	74053	7.360	ng	#	94
88) Benzo(k)fluoranthene	15.02	252	74053	7.451	ng		97
89) Benzo(a)pyrene	15.39	252	42483	4.600	ng		97
91) Benzo(g,h,i)perylene	17.36	276	28251	3.867	ng		96

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

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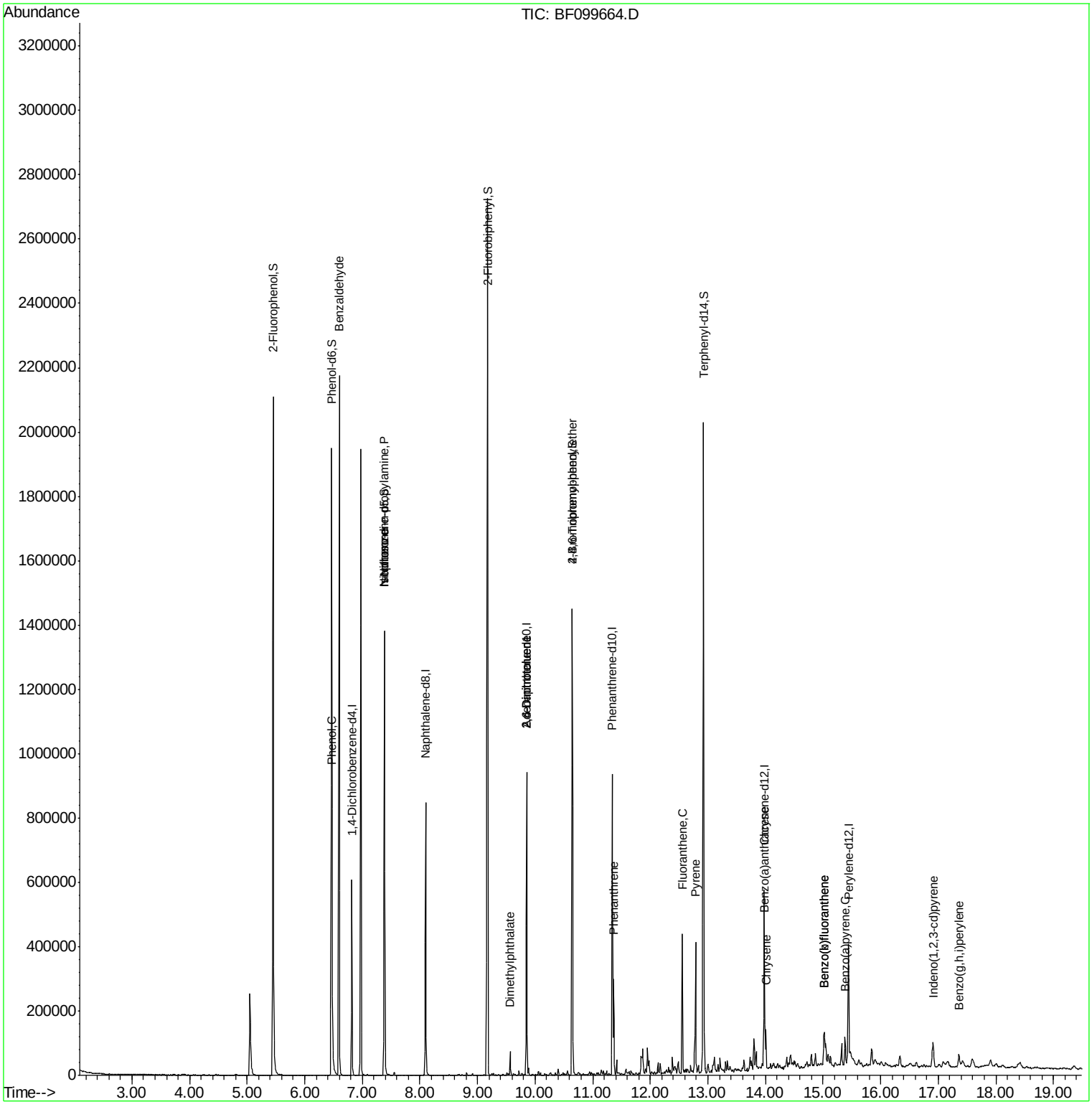
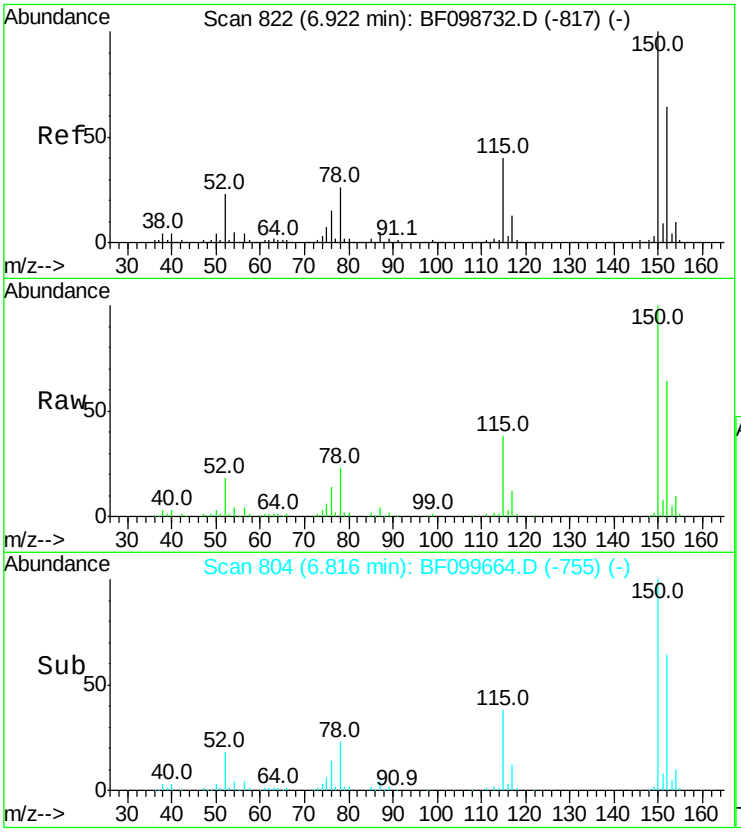


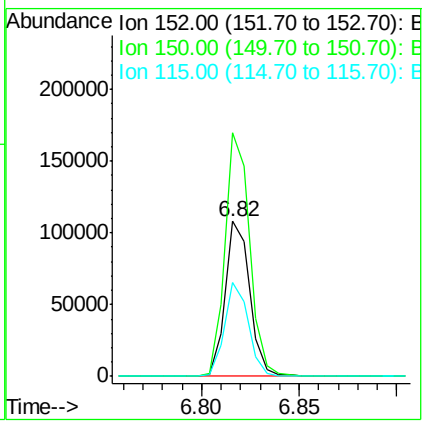


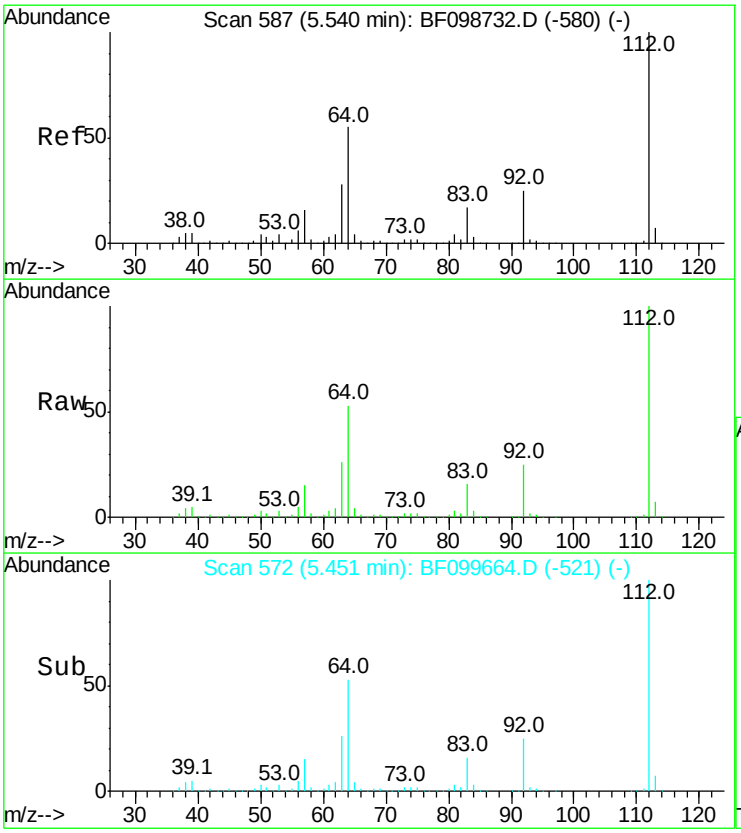
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94248

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	60.3	50.1	75.1

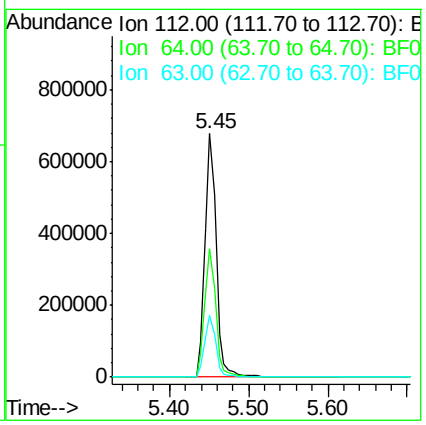


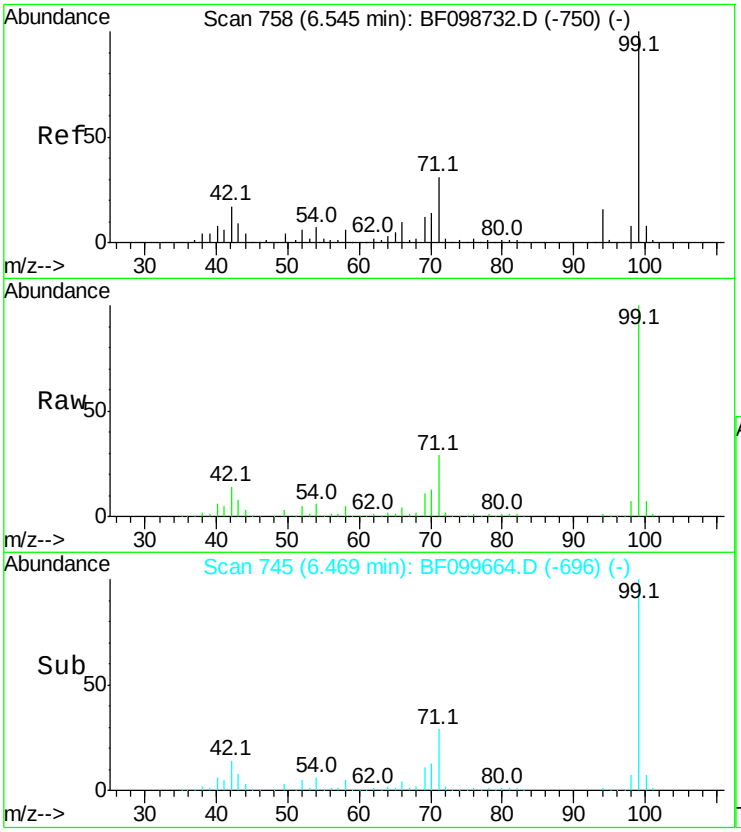


#5
2-Fluorophenol
Concen: 115.779 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:112 Resp: 685469

Ion	Ratio	Lower	Upper
112	100		
64	52.7	47.9	71.9
63	25.5	23.7	35.5



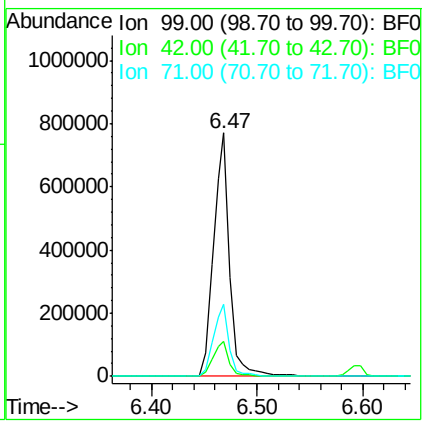


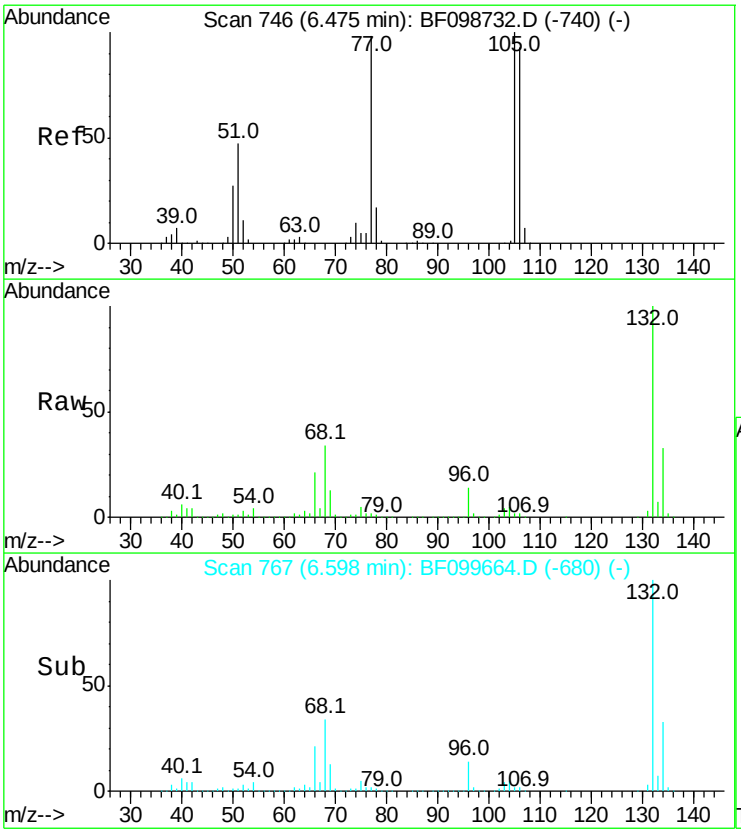
#7
Phenol-d6
Concen: 112.587 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 822285

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	29.5	25.4	38.0

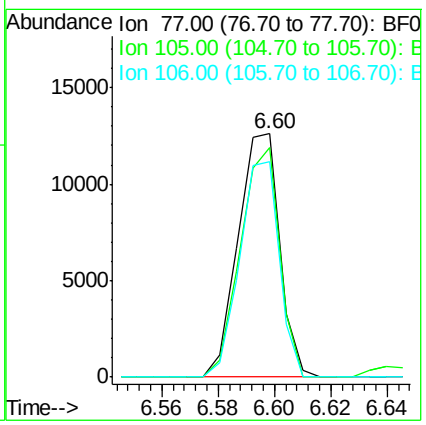


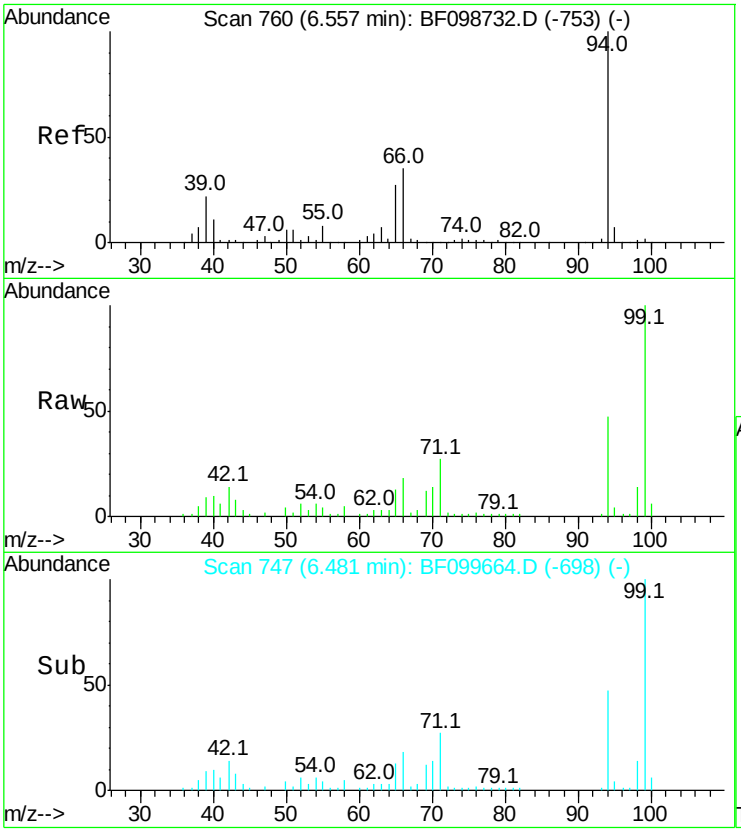


#9
Benzaldehyde
Concen: 3.038 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.21 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion: 77 Resp: 12870

Ion	Ratio	Lower	Upper
77	100		
105	94.1	81.1	121.1
106	88.4	74.5	114.5



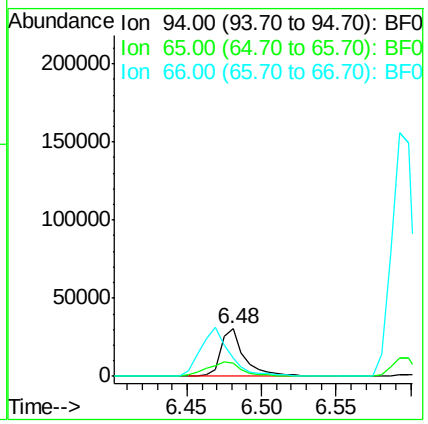


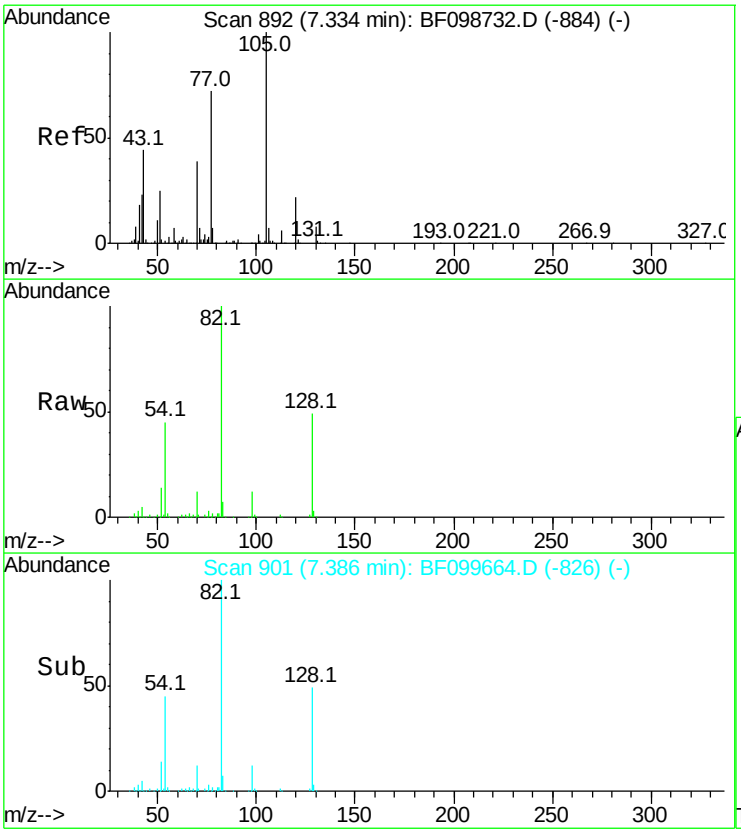
#10
Phenol
Concen: 4.178 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 34126

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	39.4	16.2	56.2

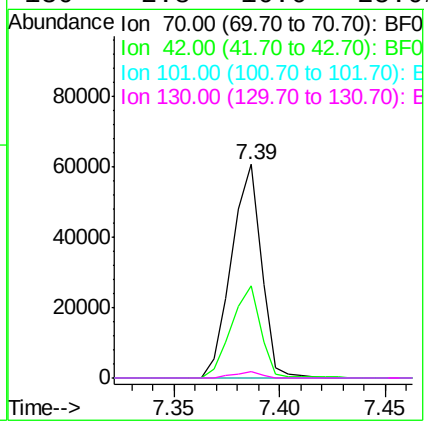


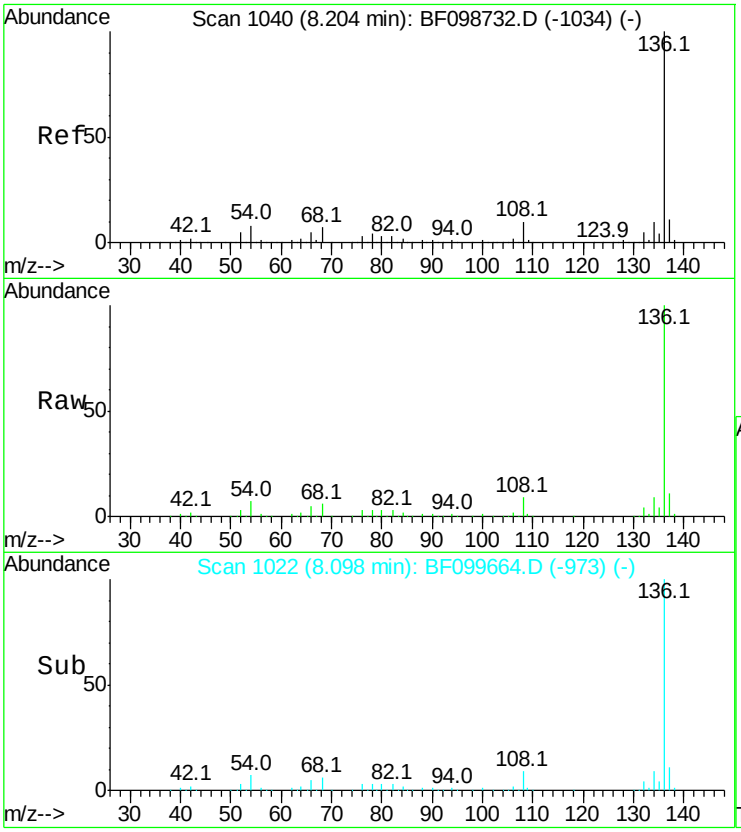


#19
n-Nitroso-di-n-propylamine
Concen: 12.759 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion: 70 Resp: 59494

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



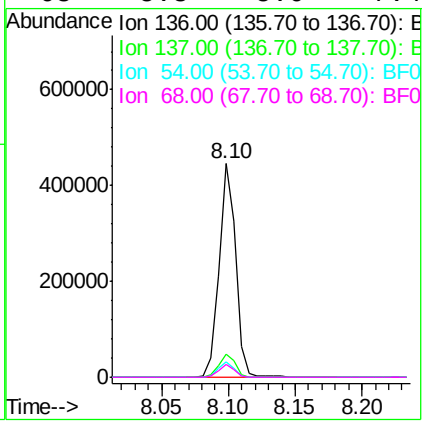


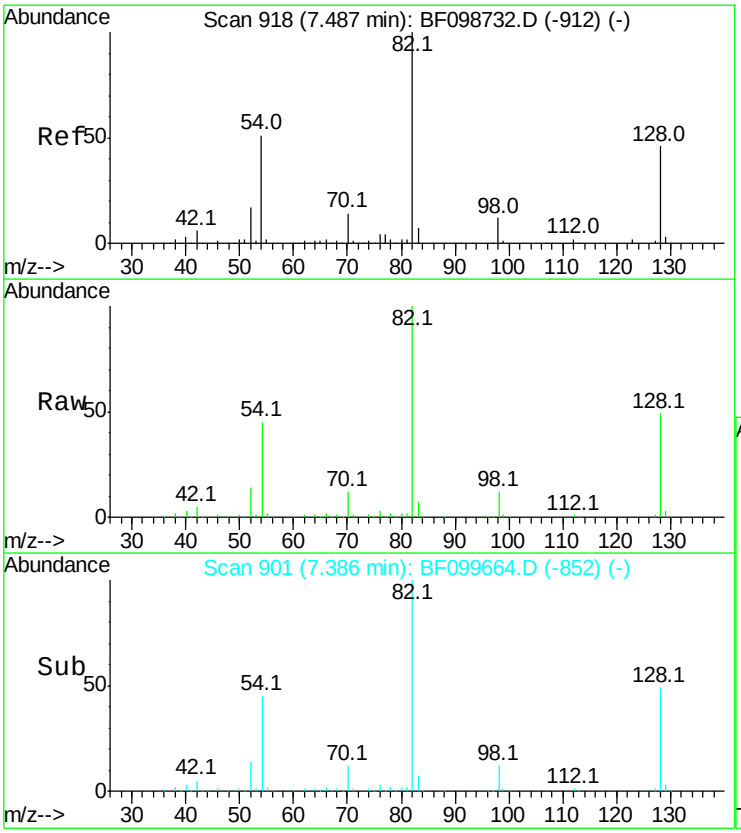
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 393606

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	5.8	5.0	7.4

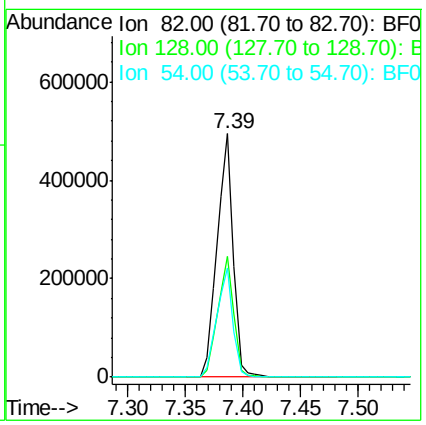


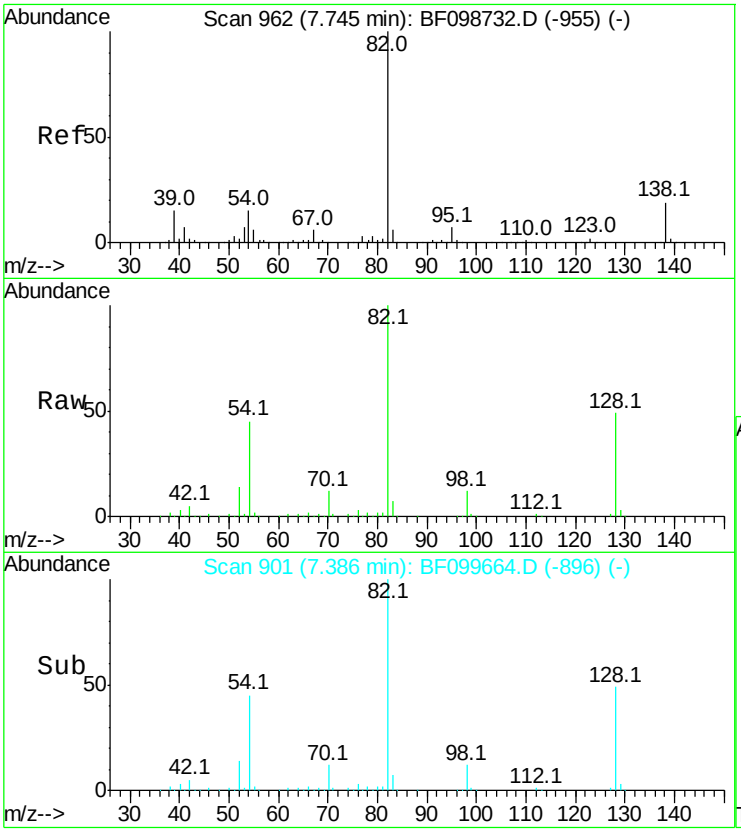


#23
Nitrobenzene-d5
Concen: 78.122 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion: 82 Resp: 479480

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	44.7	41.4	62.2



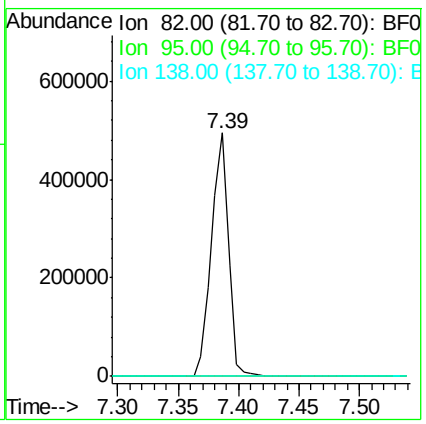


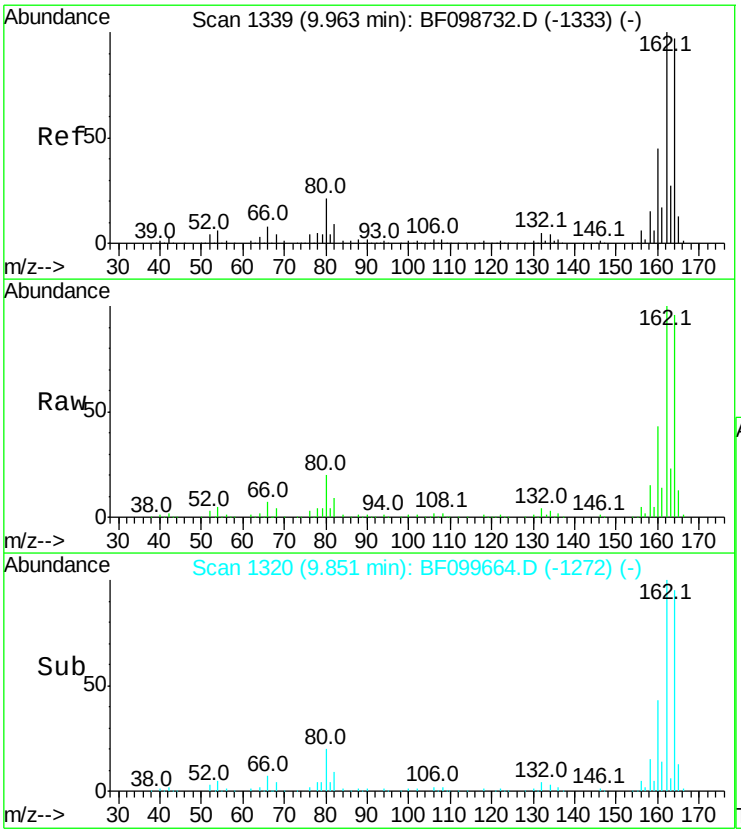
#25
Isophorone
Concen: 37.785 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.27 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 479474

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

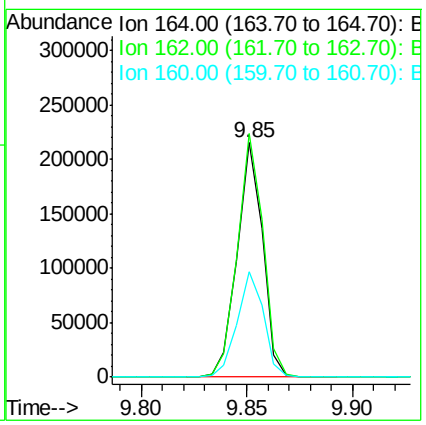


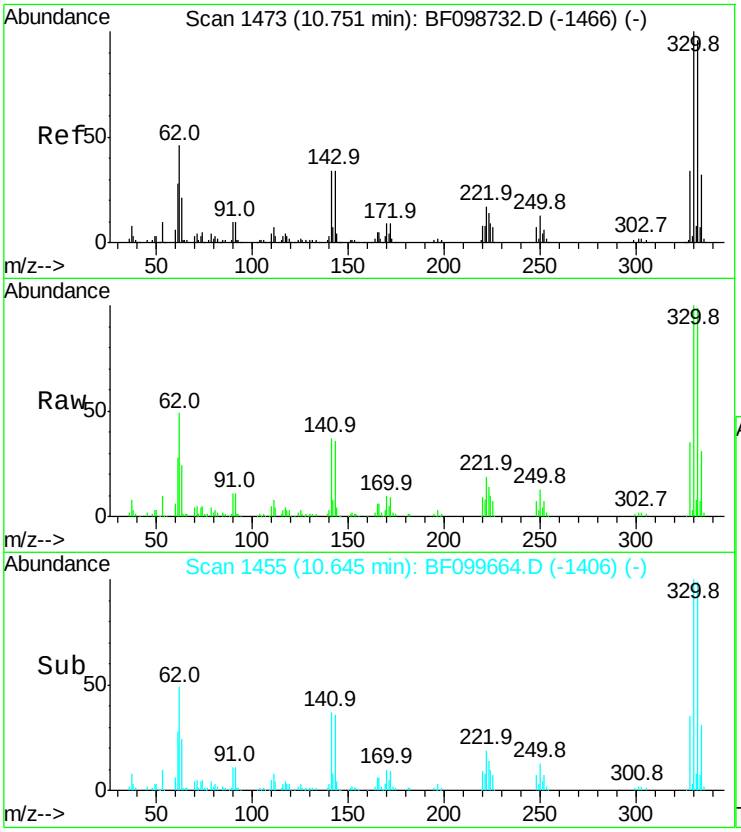


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:164 Resp: 179437

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	44.8	38.3	57.5



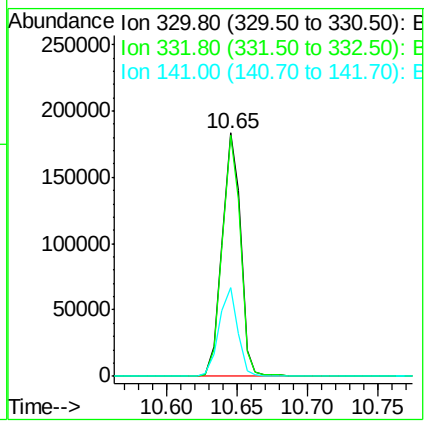


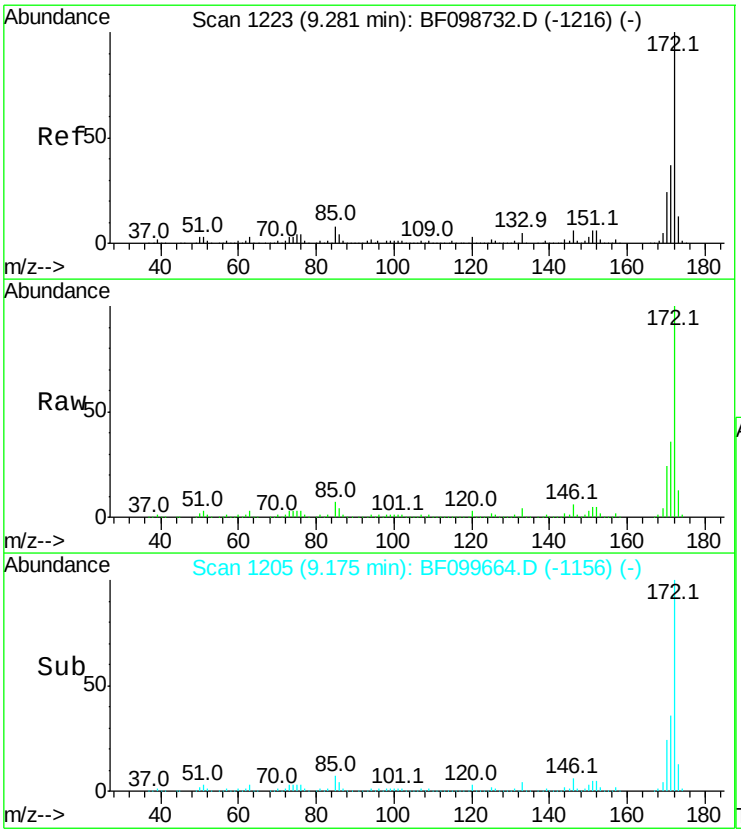
#41
2,4,6-Tribromophenol
Concen: 114.439 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 168029

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.6	29.9	44.9

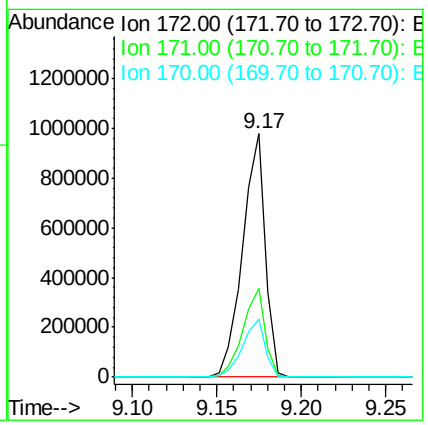


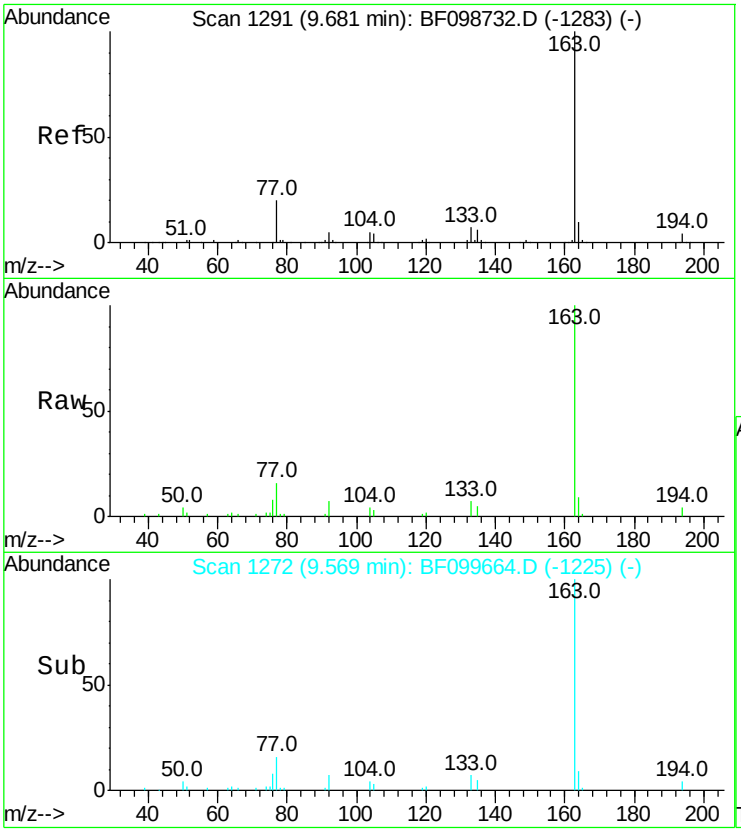


#44
2-Fluorobiphenyl
Concen: 85.318 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:172 Resp: 917043

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4



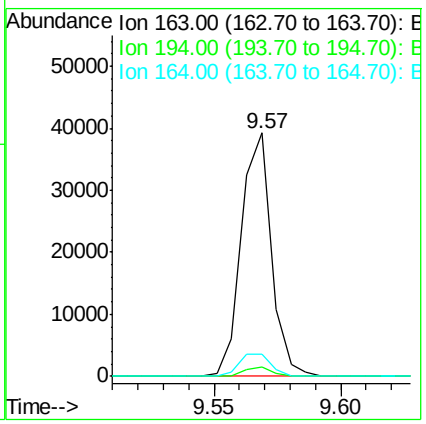


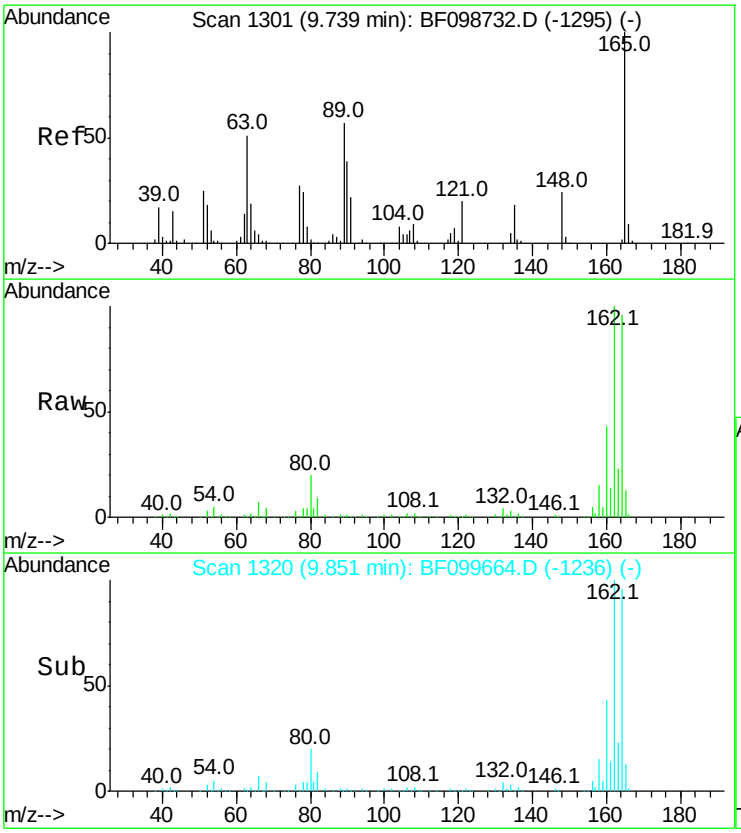
#49
Dimethylphthalate
Concen: 2.387 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 32332

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.1	8.2	12.2

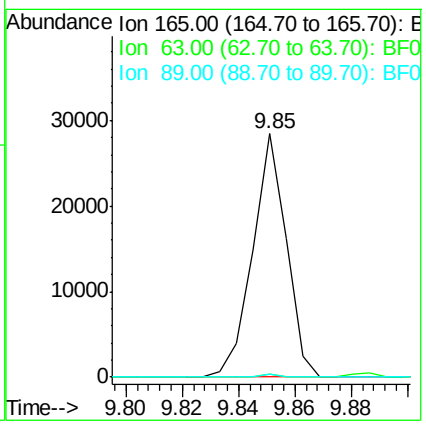


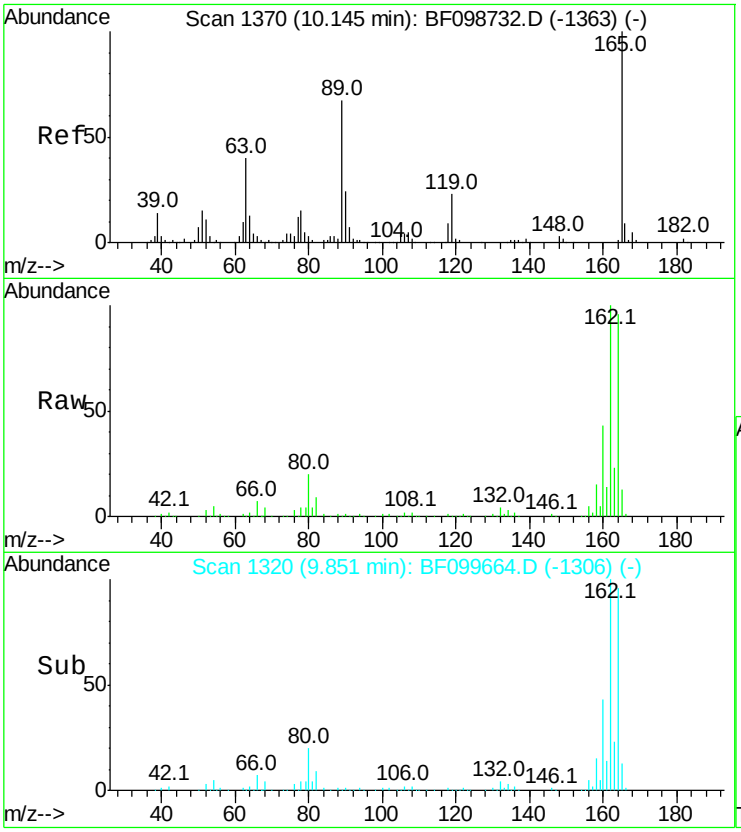


#50
2,6-Dinitrotoluene
Concen: 7.964 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:165 Resp: 23480

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#



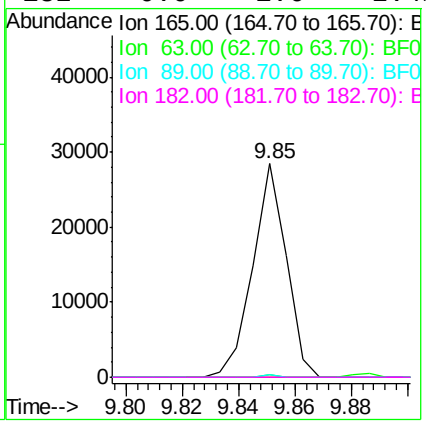


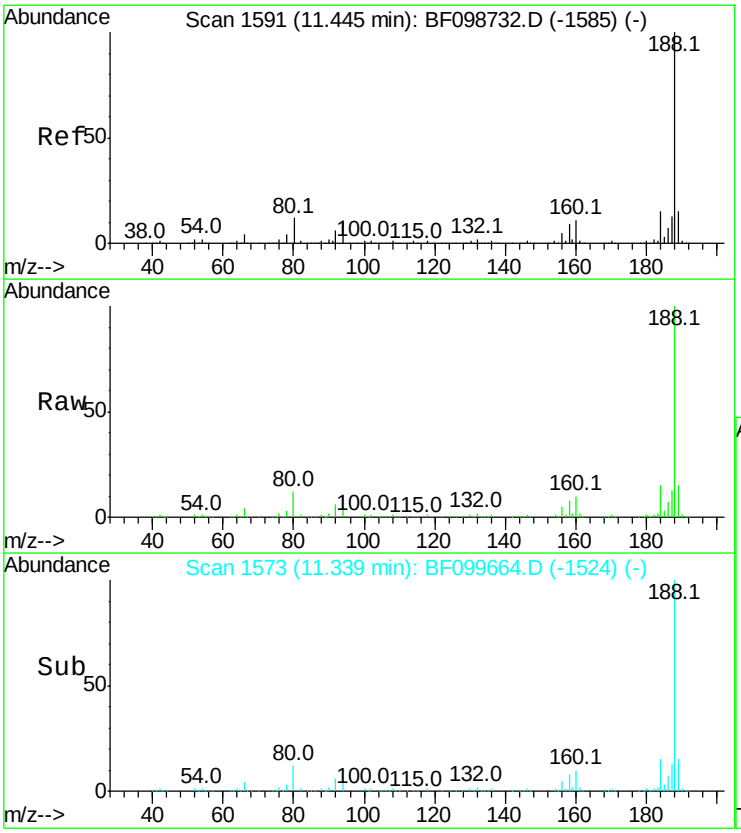
#56
2,4-Dinitrotoluene
Concen: 6.136 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23480

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

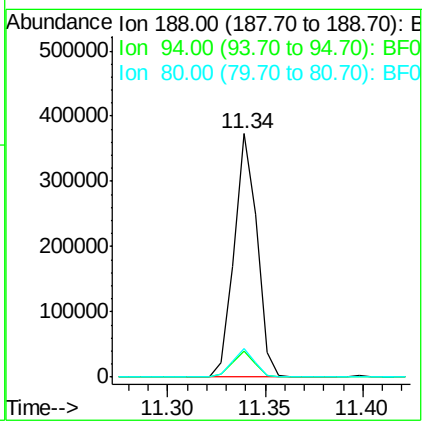


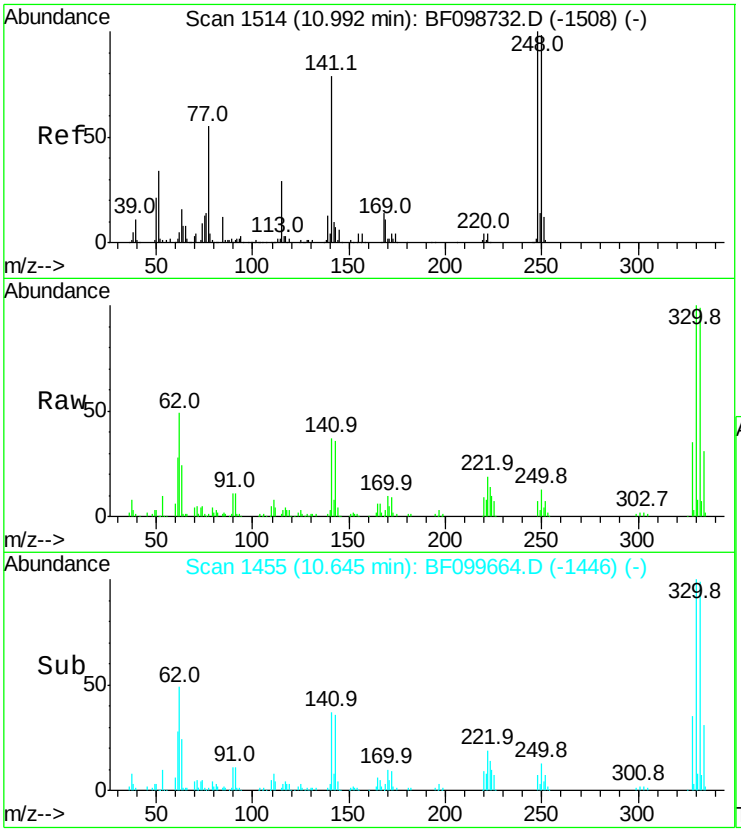


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:188 Resp: 303871

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.7	9.2	13.8



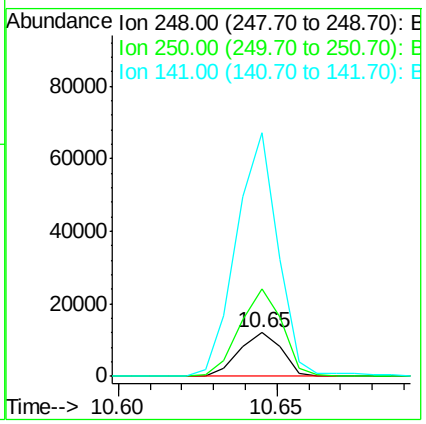


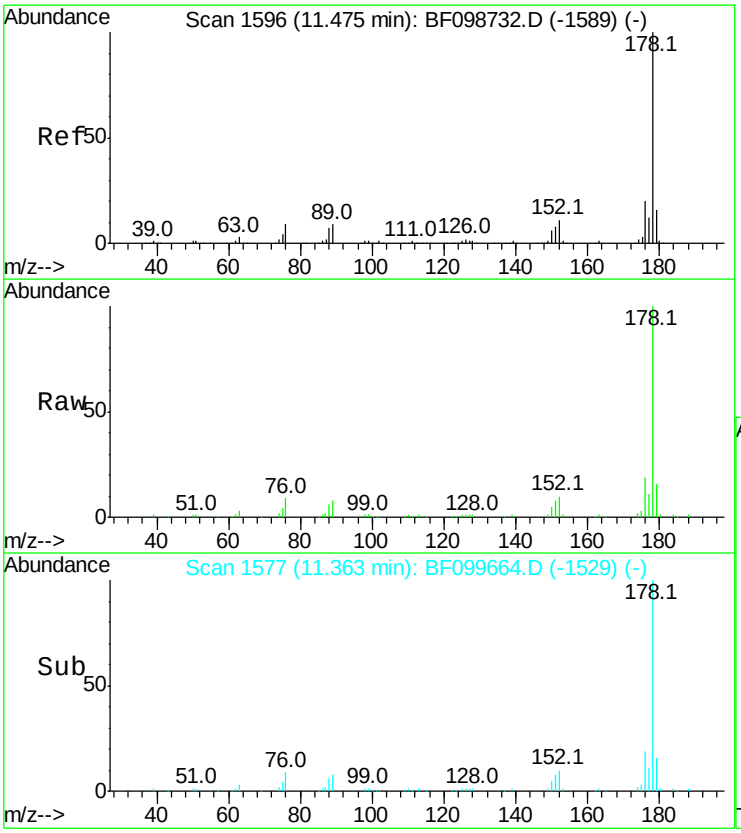
#66
4-Bromophenyl-phenylether
Concen: 3.759 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11181

Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.9	115.3#
141	555.5	74.4	111.6#

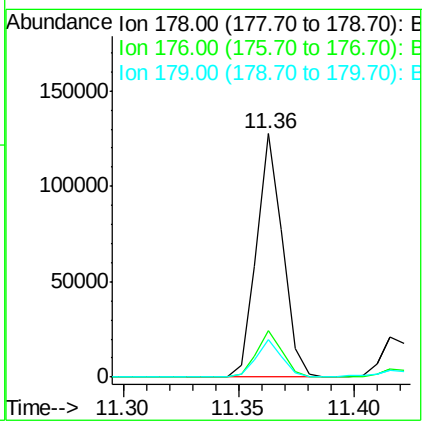


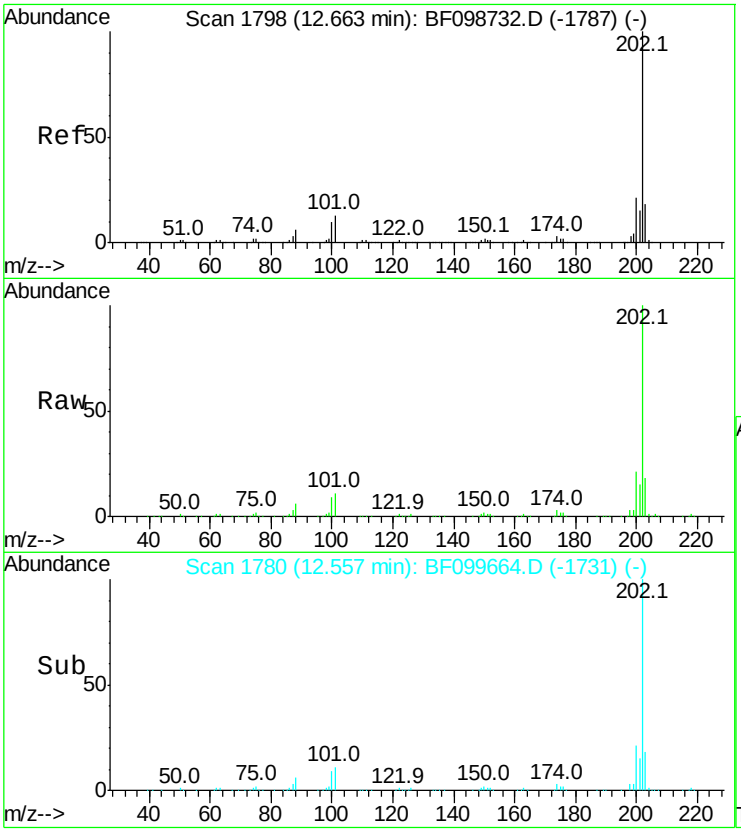


#70
Phenanthrene
Concen: 6.252 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:178 Resp: 101687

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.5	13.0	19.6



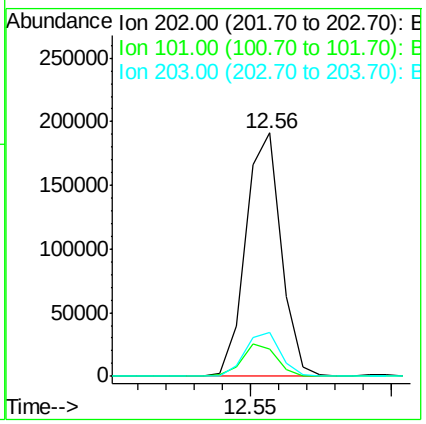


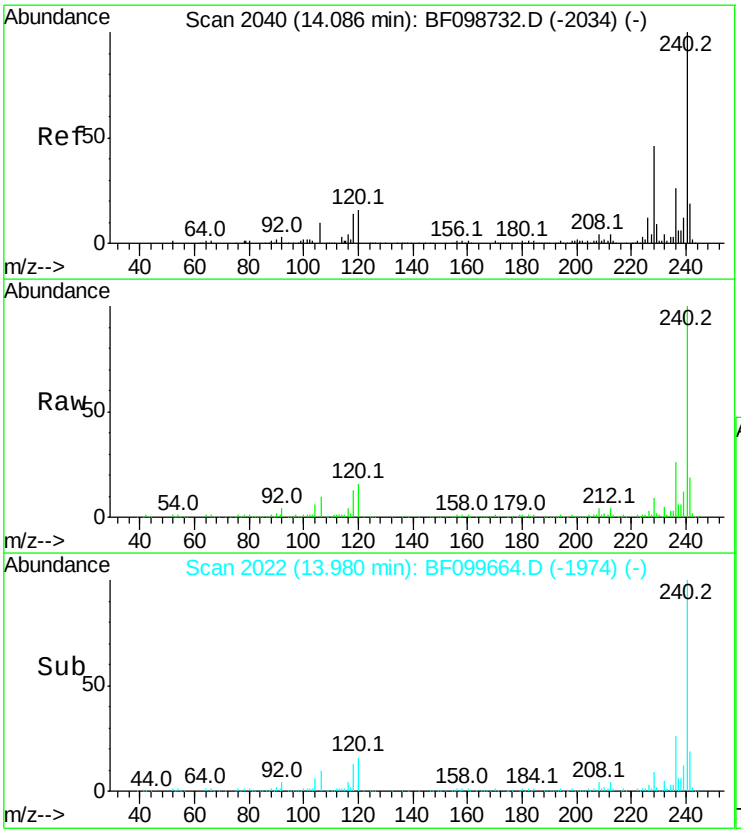
#74
Fluoranthene
Concen: 10.072 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 165892

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	18.1	0.0	38.1

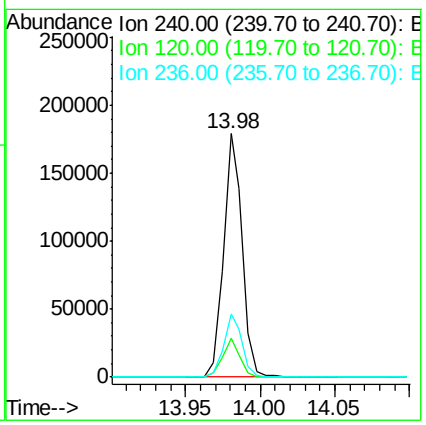


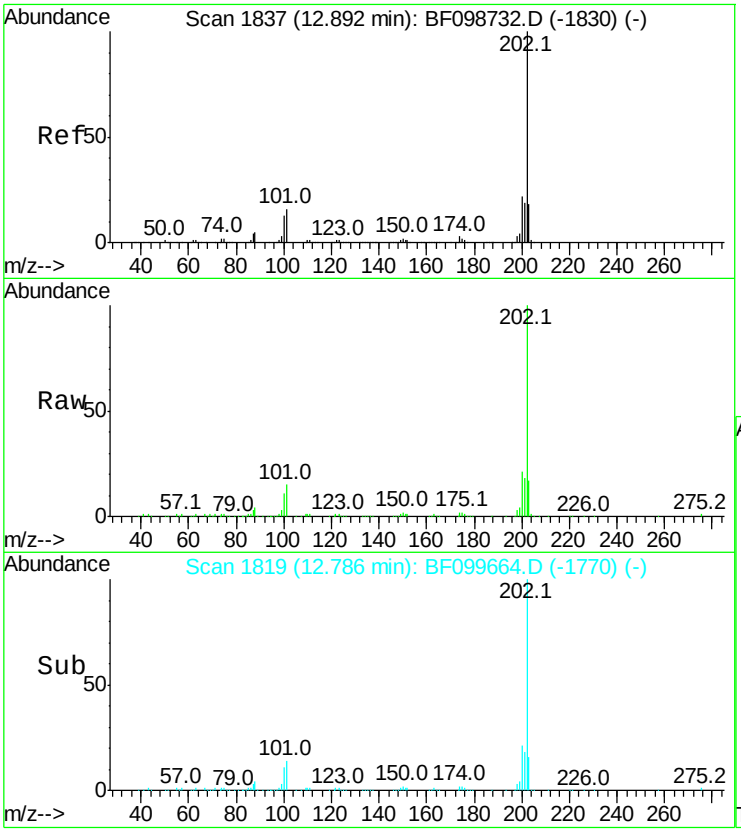


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:240 Resp: 157670

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.2	20.7	31.1



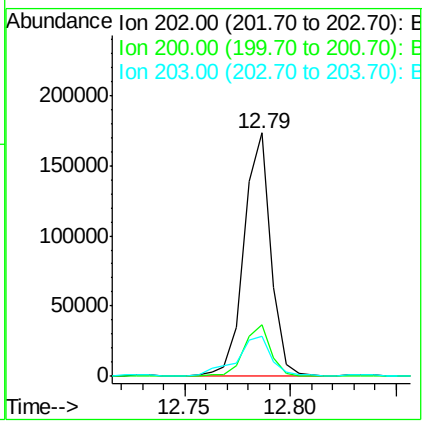


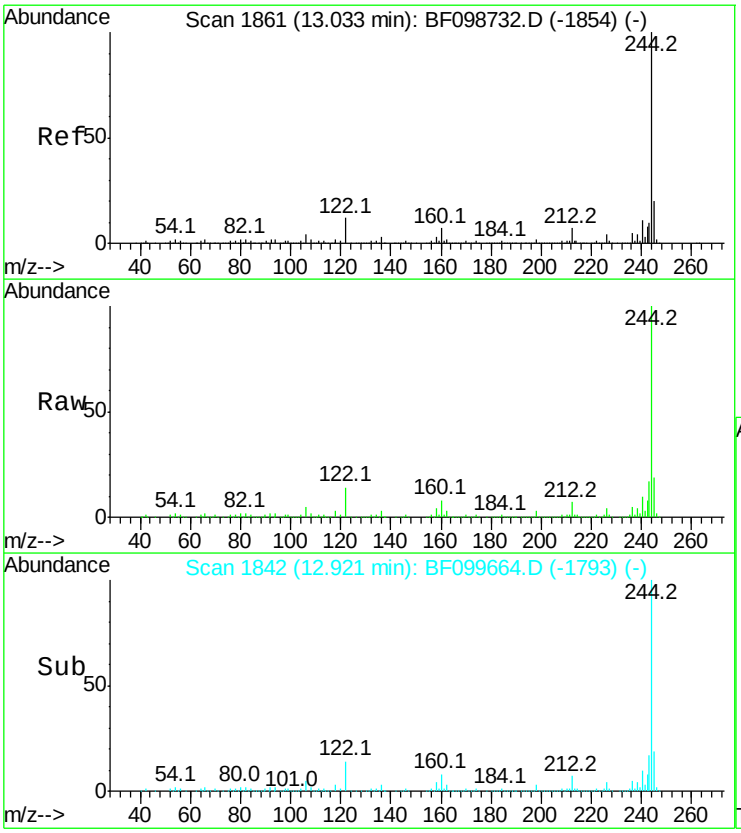
#77
Pyrene
Concen: 12.728 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 153030

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.6	14.3	21.5

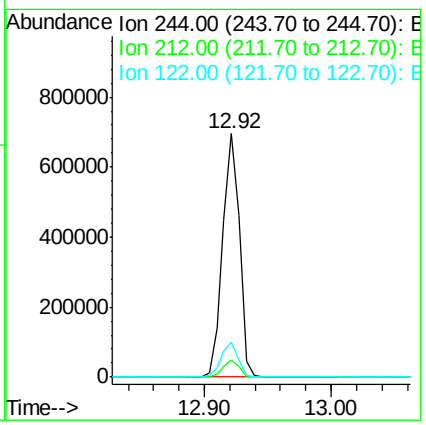


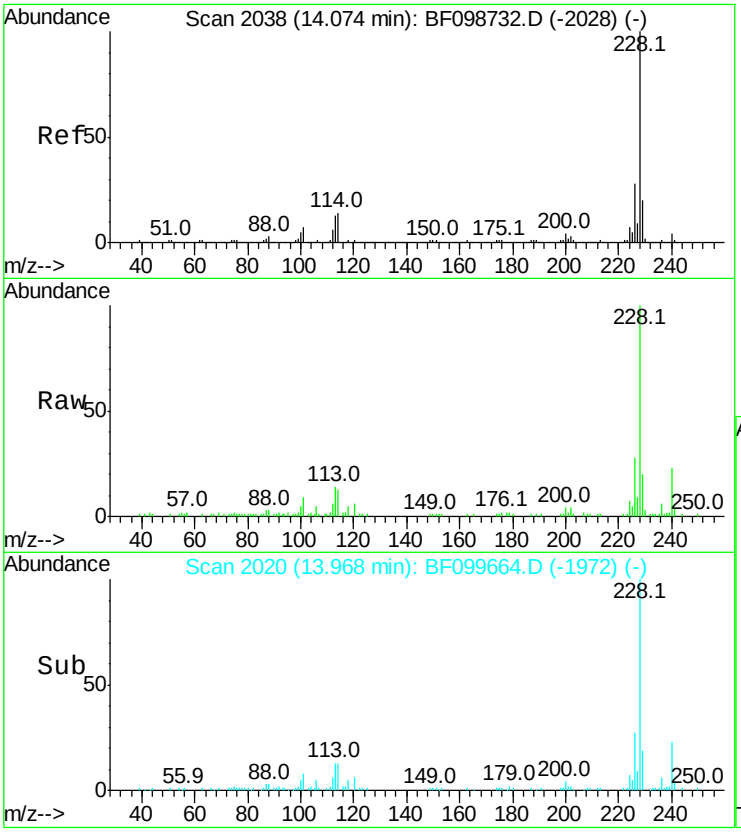


#78
Terphenyl-d14
Concen: 92.556 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:244 Resp: 641686

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.3	11.0	16.4



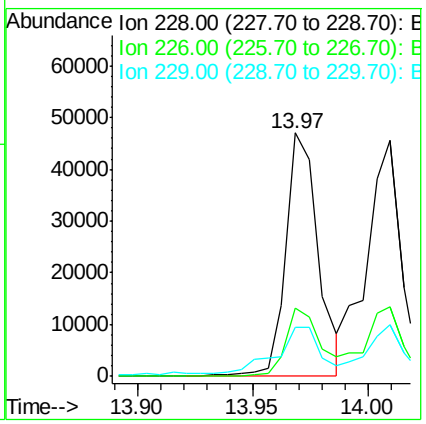


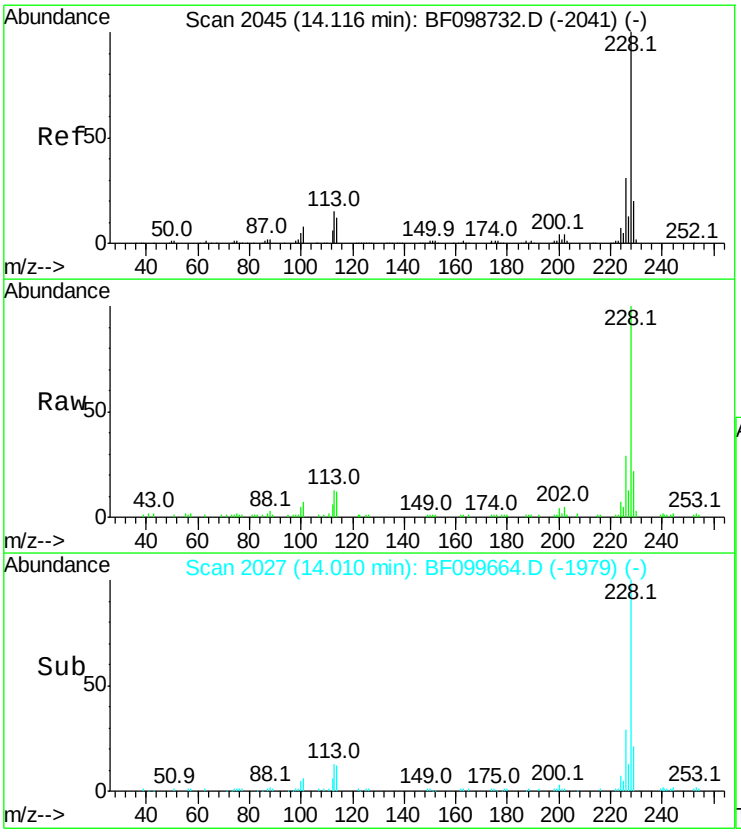
#80
Benzo(a)anthracene
Concen: 4.815 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 45969

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.3	15.8	23.6

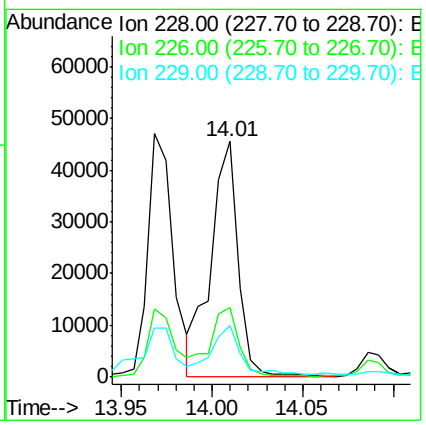


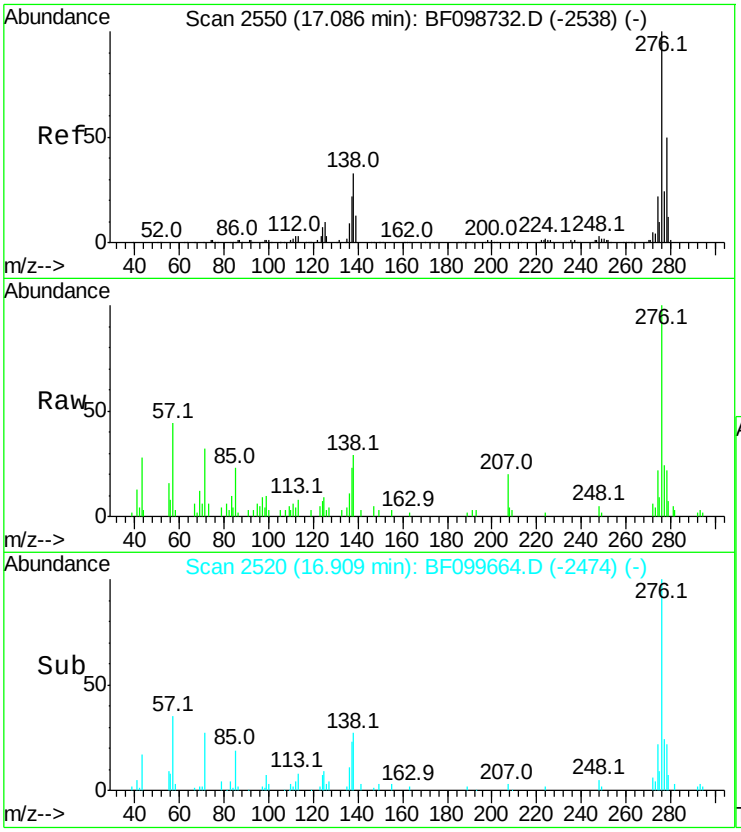


#82
Chrysene
Concen: 5.290 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:228 Resp: 48079

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.2	16.2	24.4



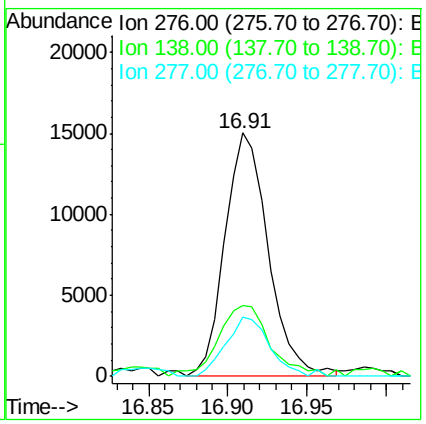


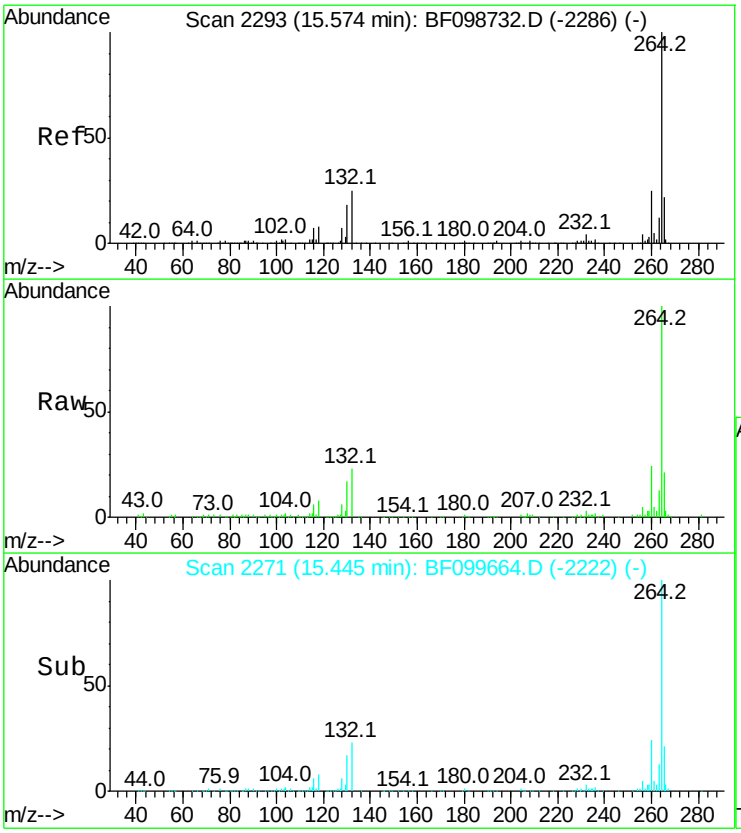
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.928 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.03 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28557

Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	24.7	20.1	30.1

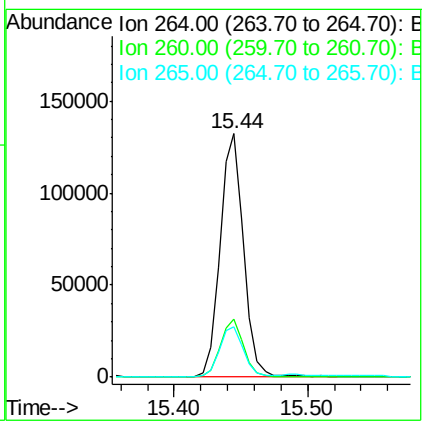


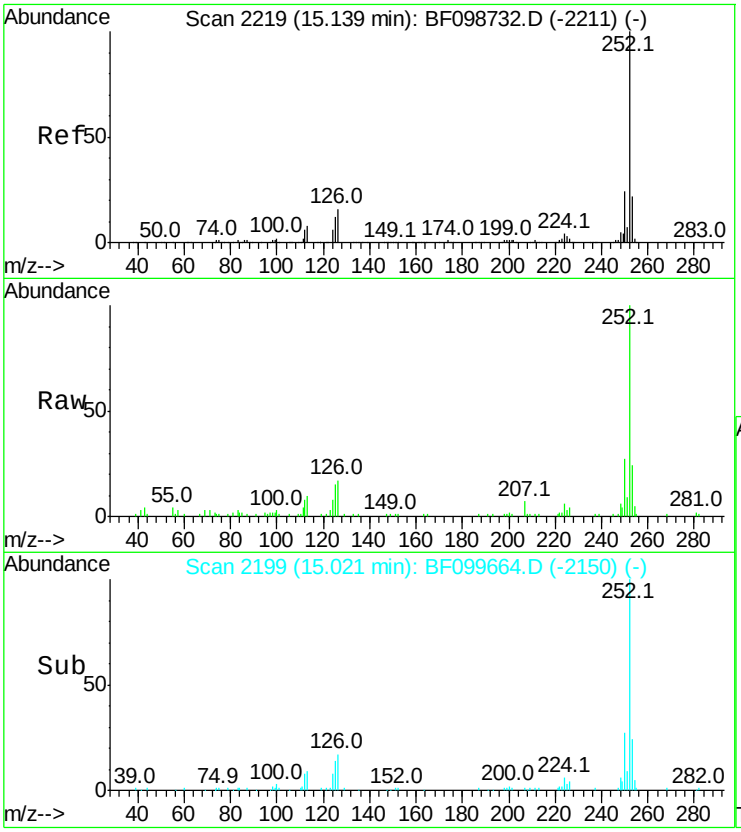


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:264 Resp: 163648

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3



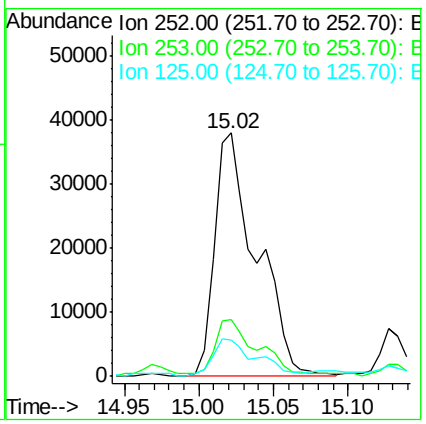


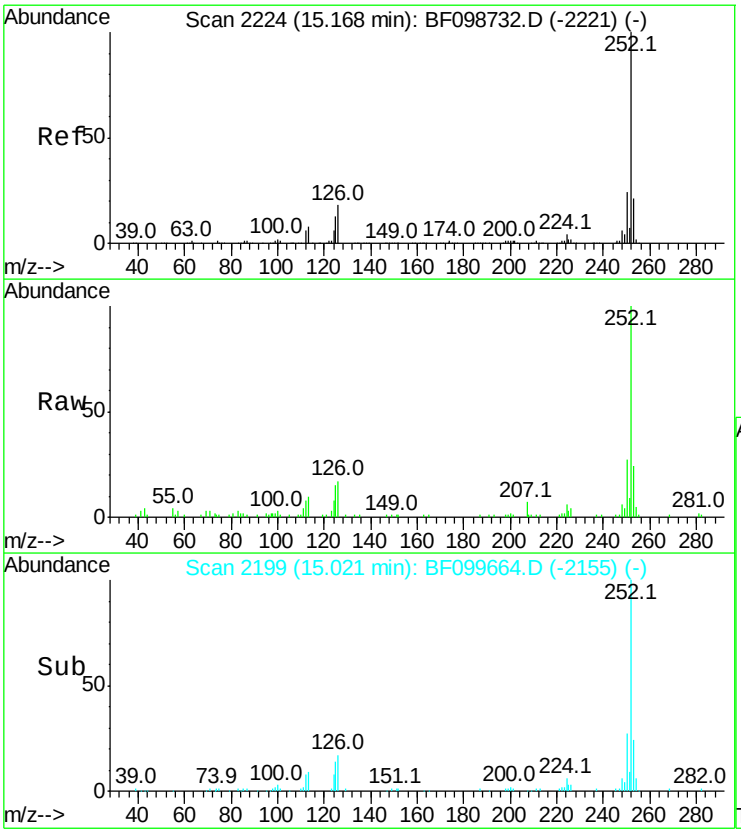
#87
Benzo(b)fluoranthene
Concen: 7.360 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 74053

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	14.8	9.0	13.6#

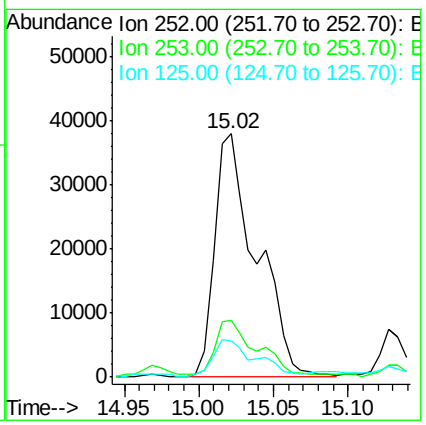


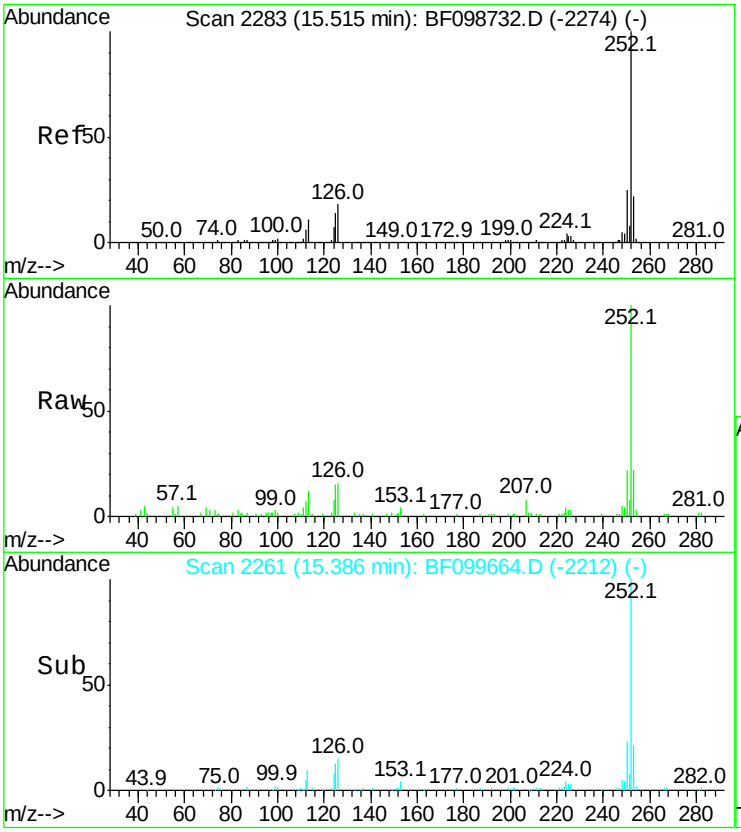


#88
Benzo(k)fluoranthene
Concen: 7.451 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:252 Resp: 74053

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	14.8	10.2	15.2



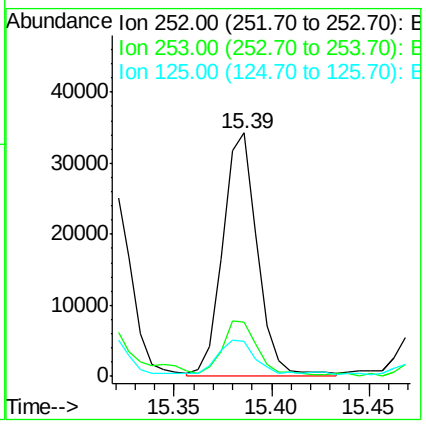


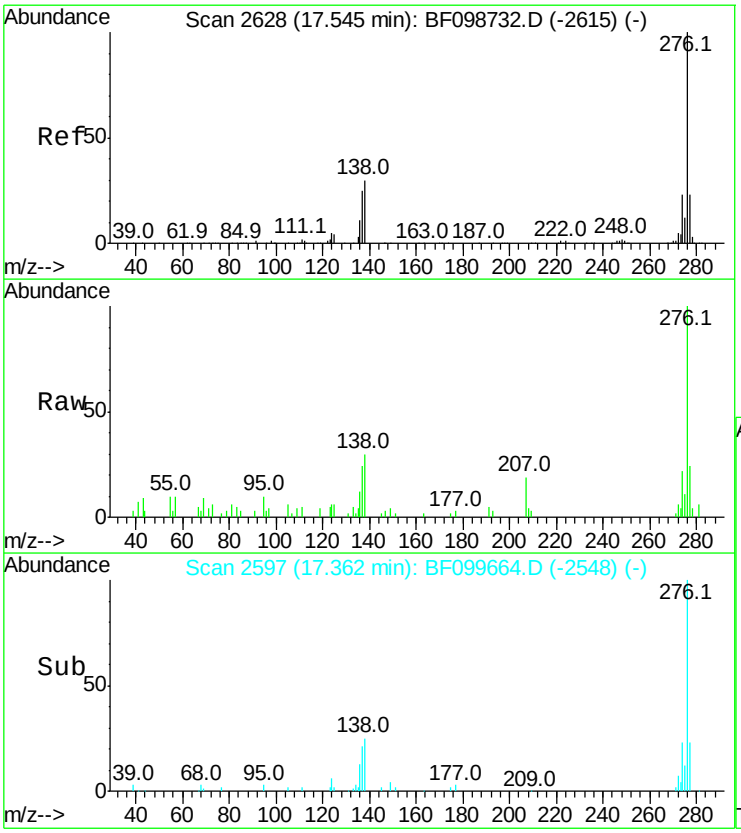
#89
Benzo(a)pyrene
Concen: 4.600 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42483

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.867 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.01 min
Lab File: BF099664.D
Acq: 19 Oct 2017 18:36

Tgt Ion:276 Resp: 28251

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	29.9	21.8	32.8