Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096654.D
Acq On : 11 Jul 2017 19:50
Operator : SJ/JU
Sample : I4069-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3

Quant Time: Jul 12 01:13:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111118	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	434232	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	162503	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	220491	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	214953	20.00	ng		-0.02
86) Perylene-d12	15.23	264	214135	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	501655	66.63	ng		-0.01
7) Phenol-d6	6.33	99	694209	75.01	ng		-0.02
23) Nitrobenzene-d5	7.25	82	413919	57.28	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	68376	53.87	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	592567	62.35	ng		-0.02
78) Terphenyl-d14	12.78	244	362597	36.05	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.34	94	21298	2.020	ng		89
19) n-Nitroso-di-n-propylamine	7.25	70	55359	10.040	ng	#	89
25) Isophorone	7.25	82	410368	29.289	ng	#	67
49) Dimethylphthalate	9.43	163	108511	8.945	ng		99
56) 2,4-Dinitrotoluene	9.72	165	21516	6.334	ng	#	32
66) 4-Bromophenyl-phenylether	10.50	248	4381	2.041	ng	#	1
70) Phenanthrene	11.22	178	165053	13.848	ng		98
71) Anthracene	11.27	178	38581	3.176	ng		98
74) Fluoranthene	12.40	202	352786	30.189	ng		98
77) Pyrene	12.63	202	362103	20.987	ng		97
80) Benzo(a)anthracene	13.85	228	174630	14.029	ng		97
82) Chrysene	13.85	228	174630	13.397	ng		98
85) Indeno(1,2,3-cd)pyrene	16.56	276	96053	9.335	ng		94
87) Benzo(b)fluoranthene	14.83	252	336617	25.088	ng		98
88) Benzo(k)fluoranthene	14.83	252	336617	28.046	ng		98
89) Benzo(a)pyrene	15.17	252	187497	15.652	ng		99
90) Dibenzo(a,h)anthracene	16.57	278	26518	2.814	ng	#	90
91) Benzo(g,h,i)perylene	16.96	276	85491	8.754	ng		99

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

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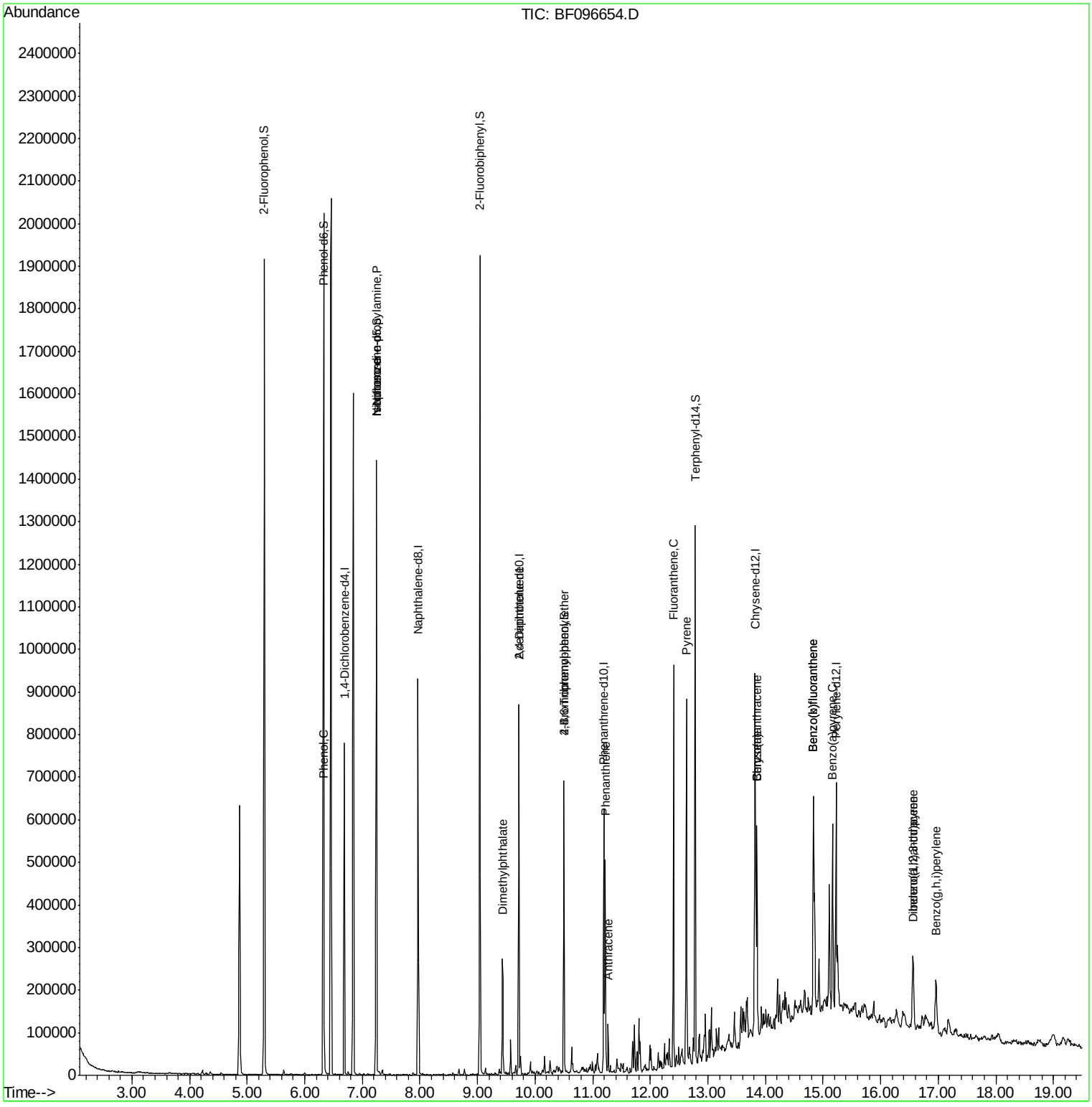
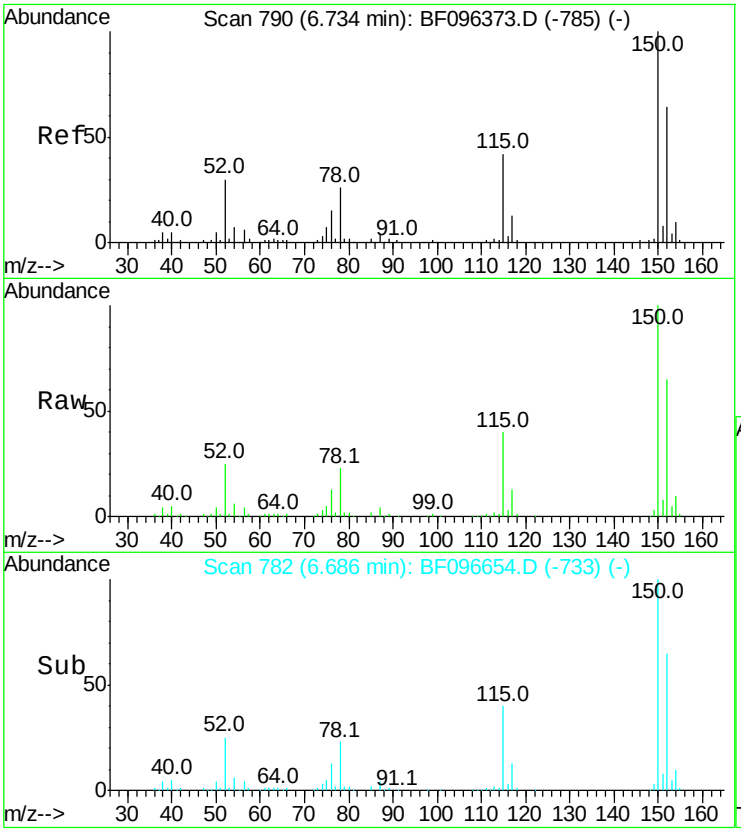


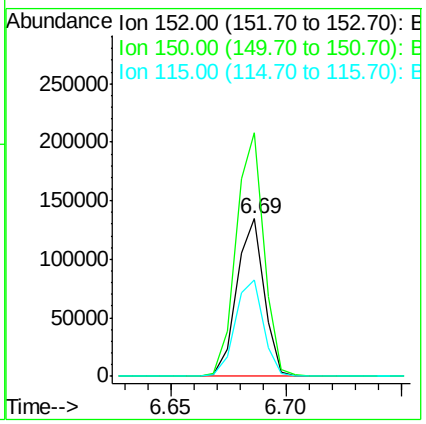


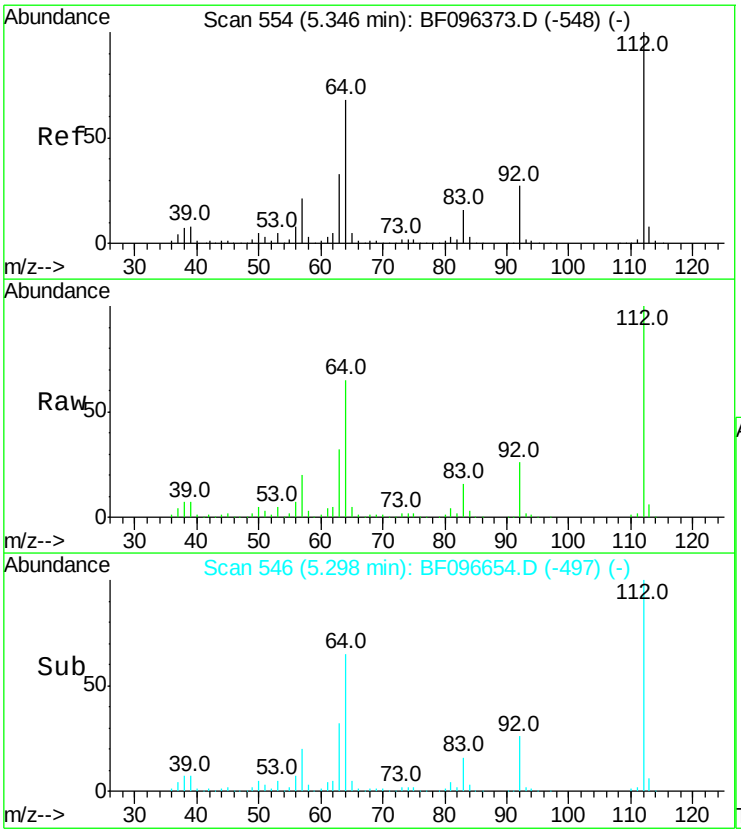
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:152 Resp: 111118

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	61.2	52.2	78.2

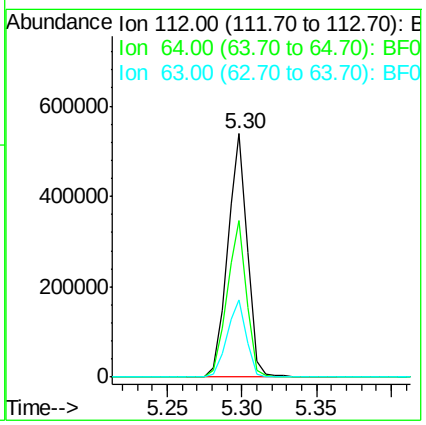


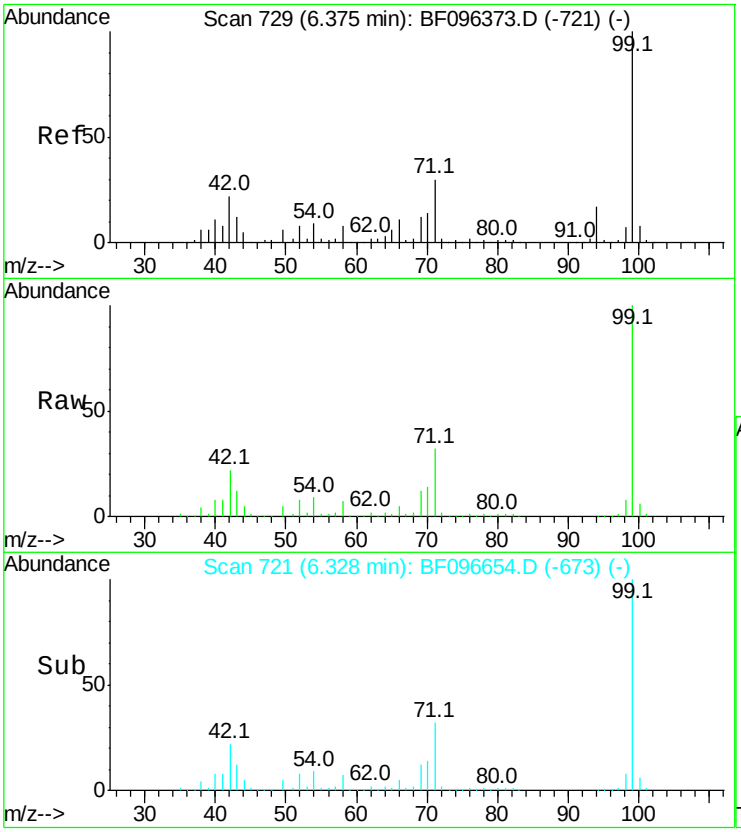


#5
2-Fluorophenol
Concen: 66.634 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:112 Resp: 501655

Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.0	69.0
63	31.8	23.4	35.0



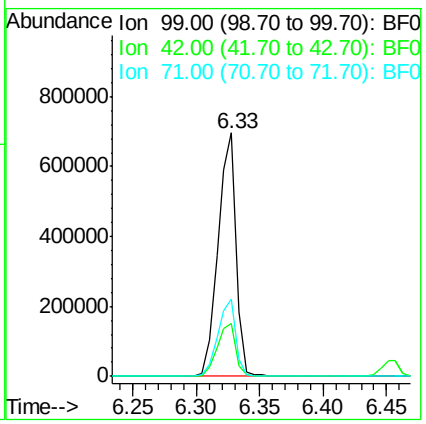


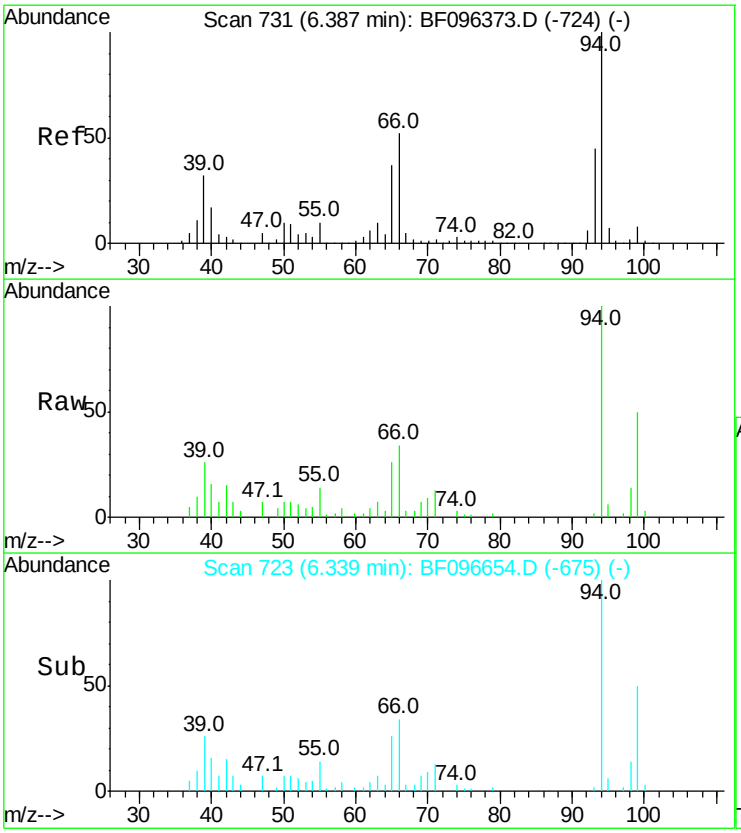
#7
Phenol-d6
Concen: 75.007 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion: 99 Resp: 694209

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.5	24.5	36.7

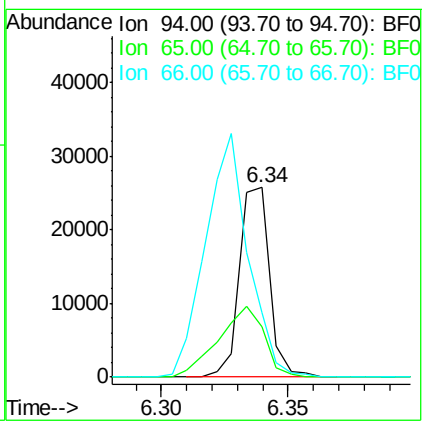


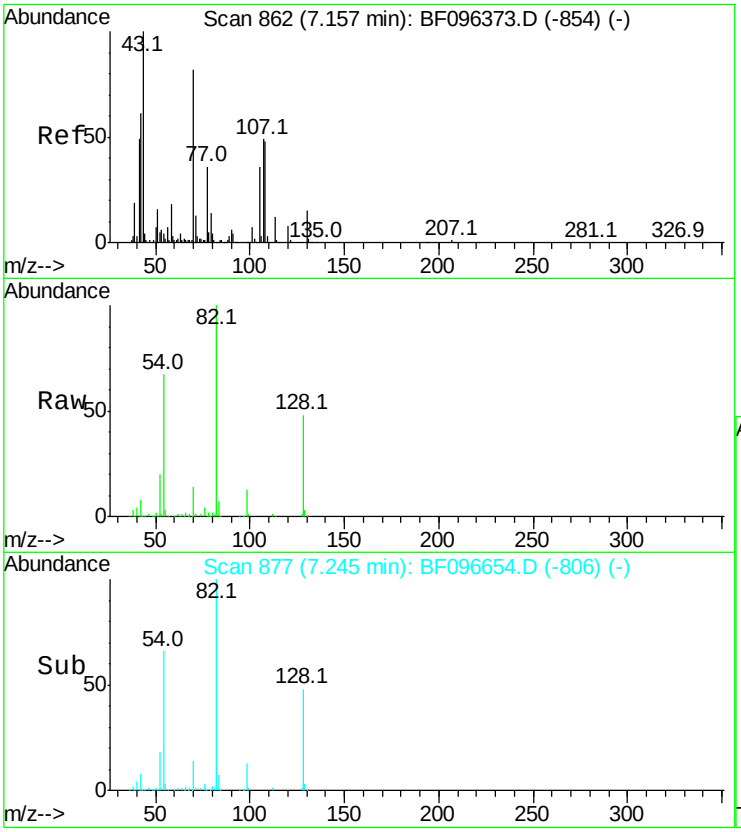


#10
Phenol
Concen: 2.020 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion: 94 Resp: 21298

Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.9	49.9
66	33.9	23.1	63.1



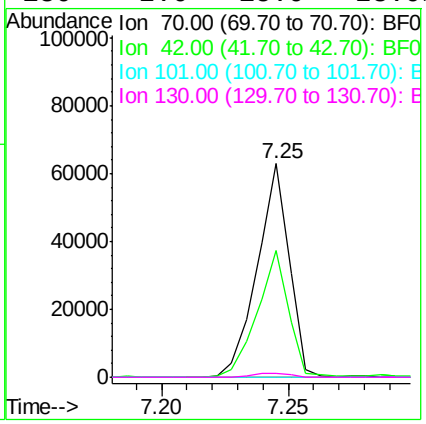


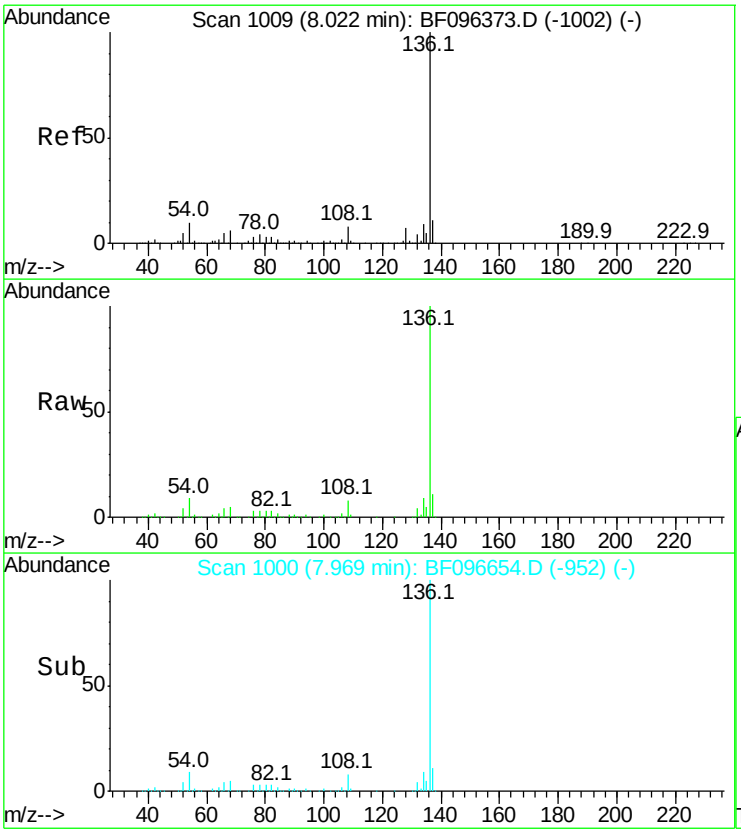
#19
n-Nitroso-di-n-propylamine
Concen: 10.040 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion: 70 Resp: 55359

Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

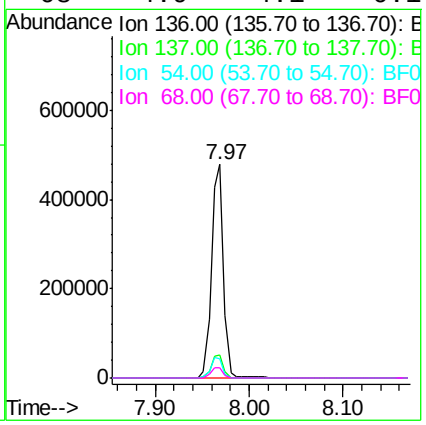


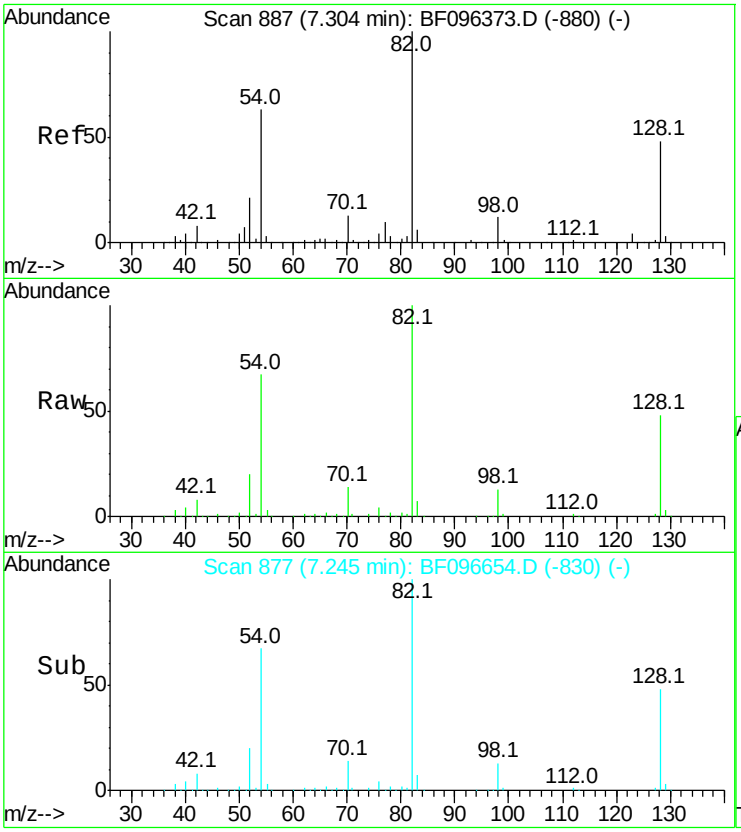


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:136 Resp: 434232

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.8	4.9	7.3#
68	4.9	4.1	6.1



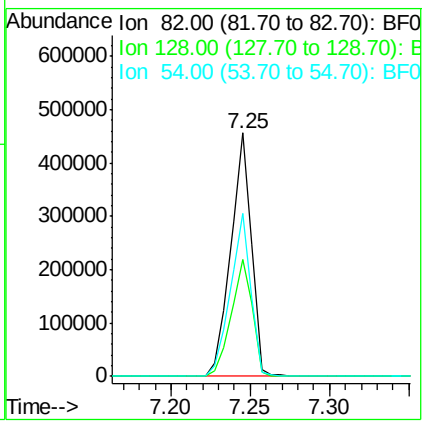


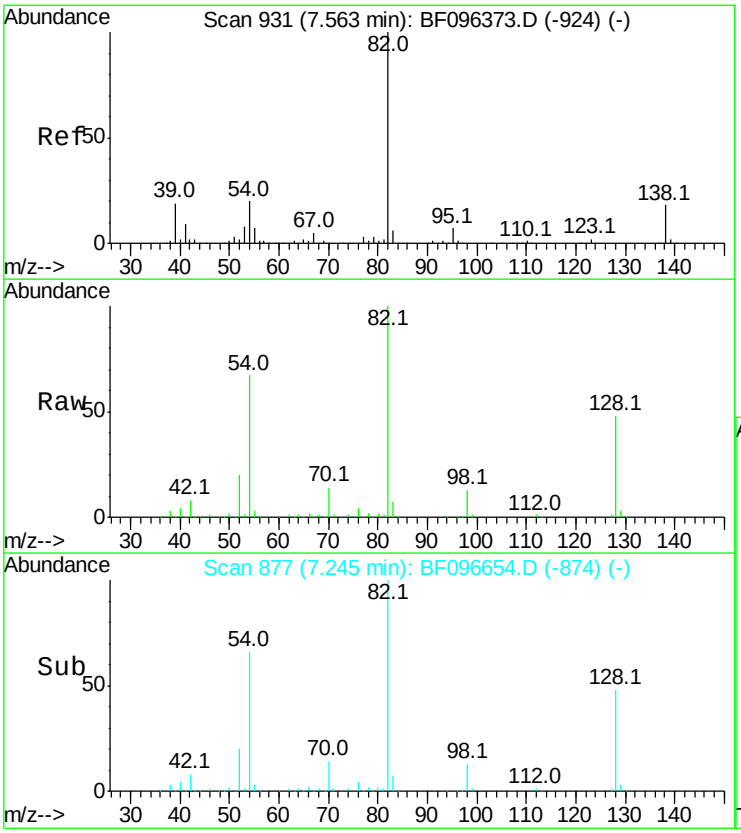
#23
Nitrobenzene-d5
Concen: 57.280 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion: 82 Resp: 413919

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	66.8	42.2	63.2#

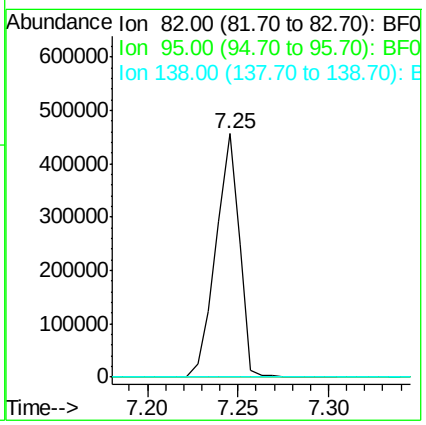


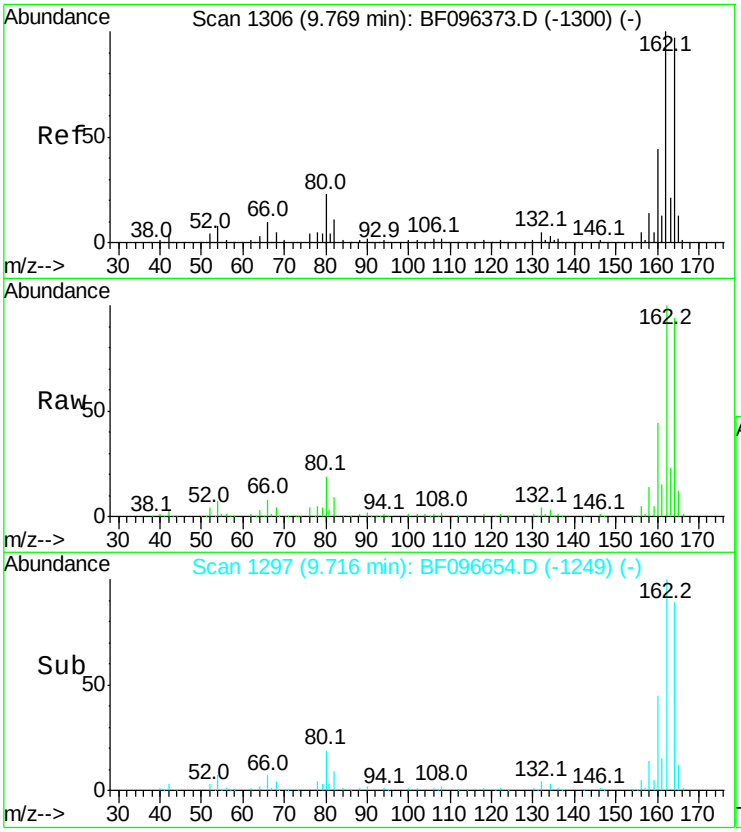


#25
Isophorone
Concen: 29.289 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion: 82 Resp: 410368

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



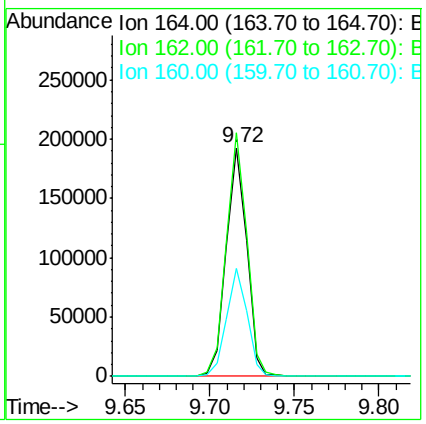


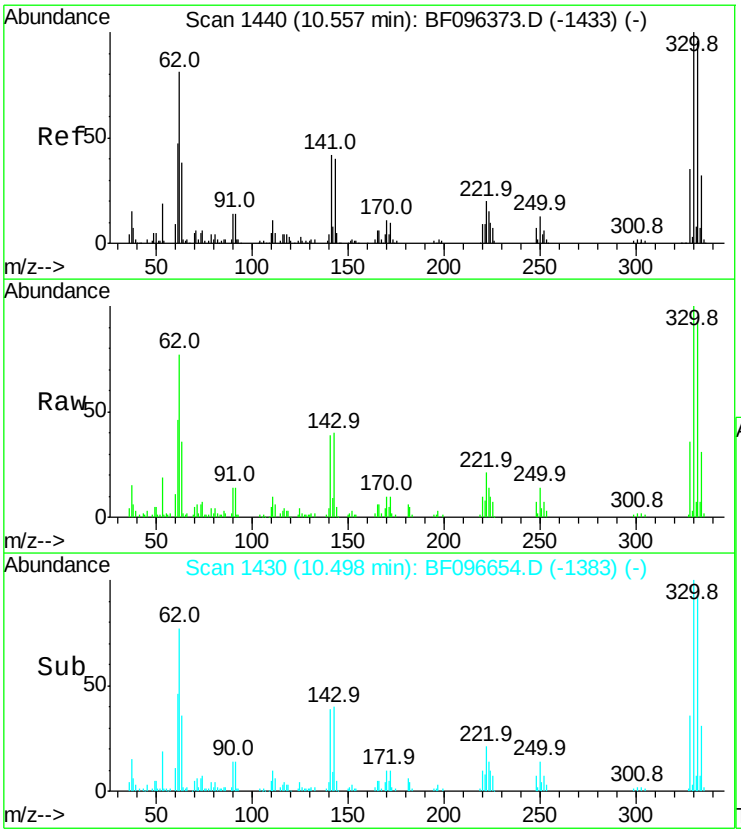
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:164 Resp: 162503

Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.6	123.8
160	47.0	36.2	54.2

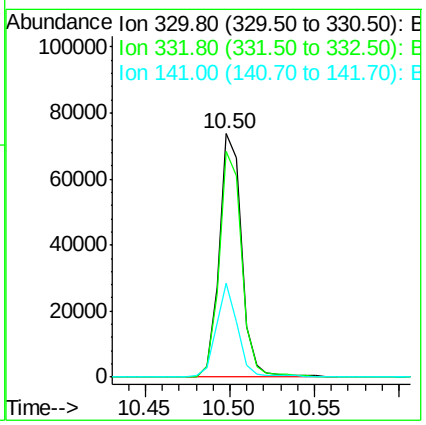


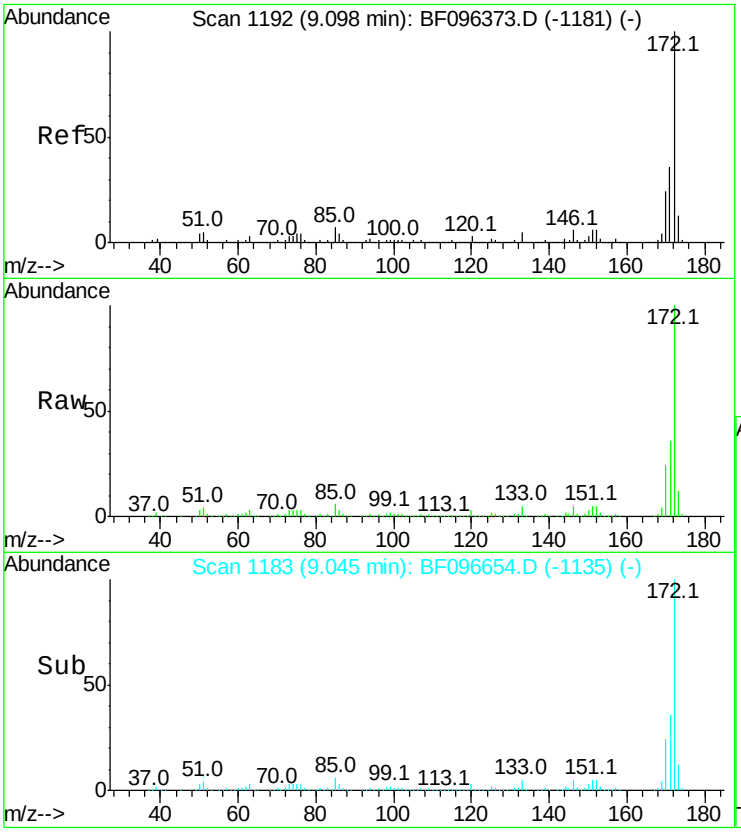


#41
2,4,6-Tribromophenol
Concen: 53.867 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:330 Resp: 68376

Ion	Ratio	Lower	Upper
330	100		
332	92.9	76.6	115.0
141	37.0	31.4	47.2



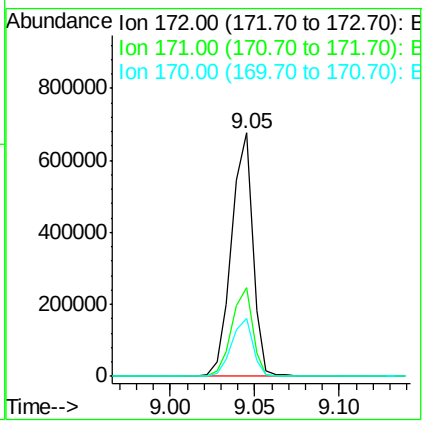


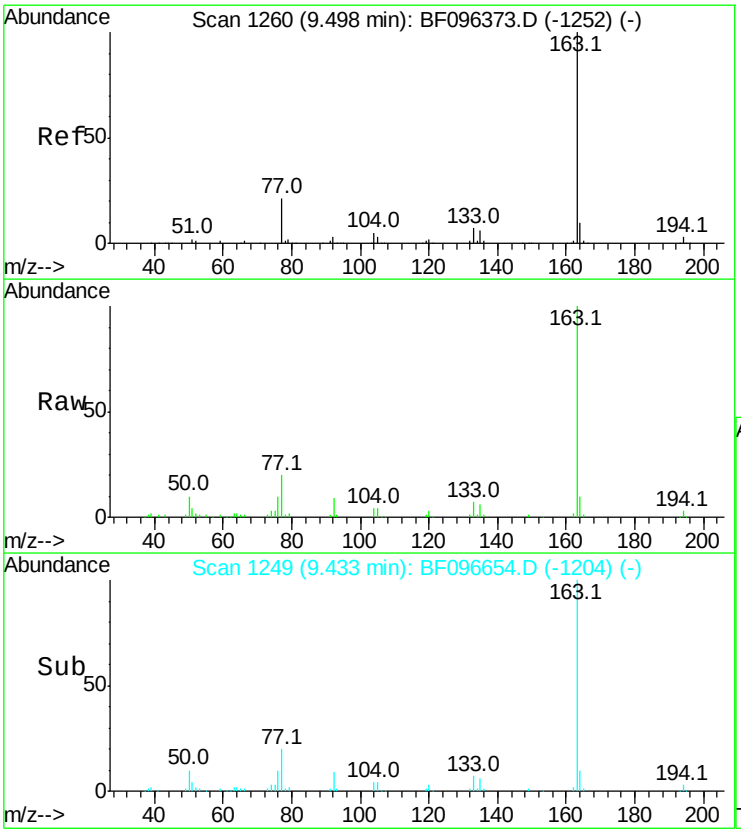
#44
2-Fluorobiphenyl
Concen: 62.347 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:172 Resp: 592567

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.8	29.8

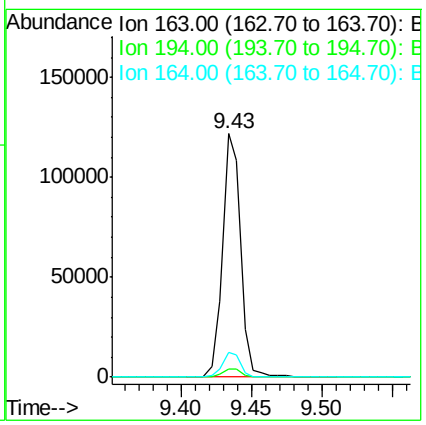


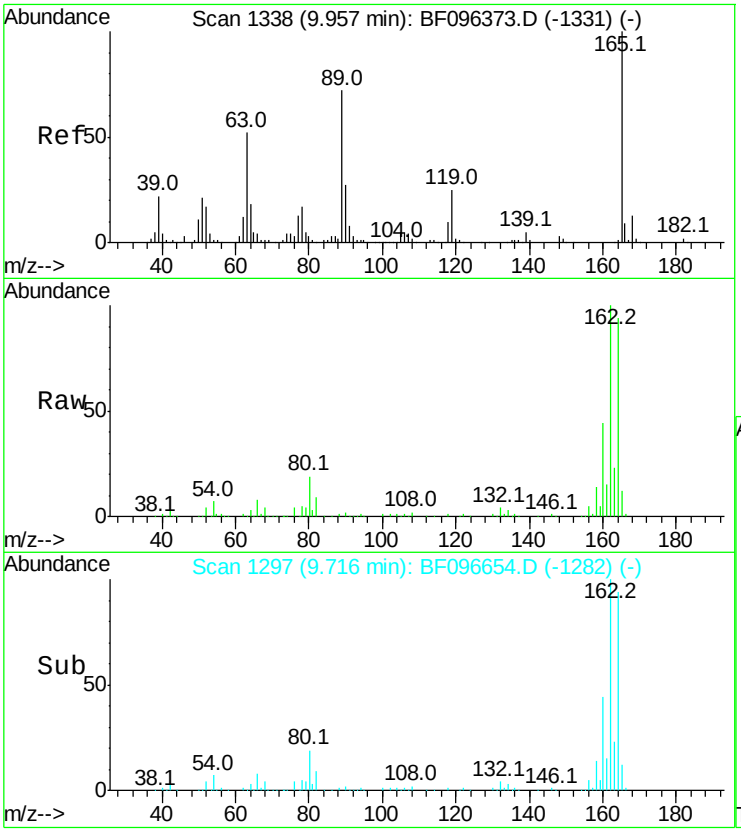


#49
Dimethylphthalate
Concen: 8.945 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:163 Resp: 108511

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.0	8.4	12.6



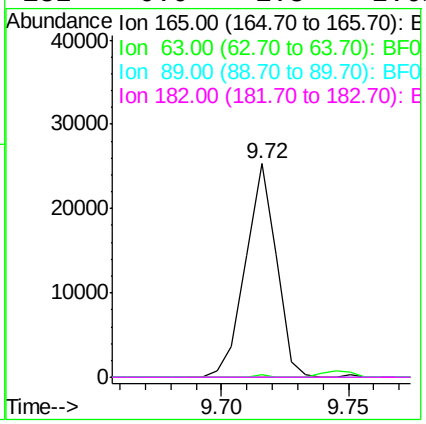


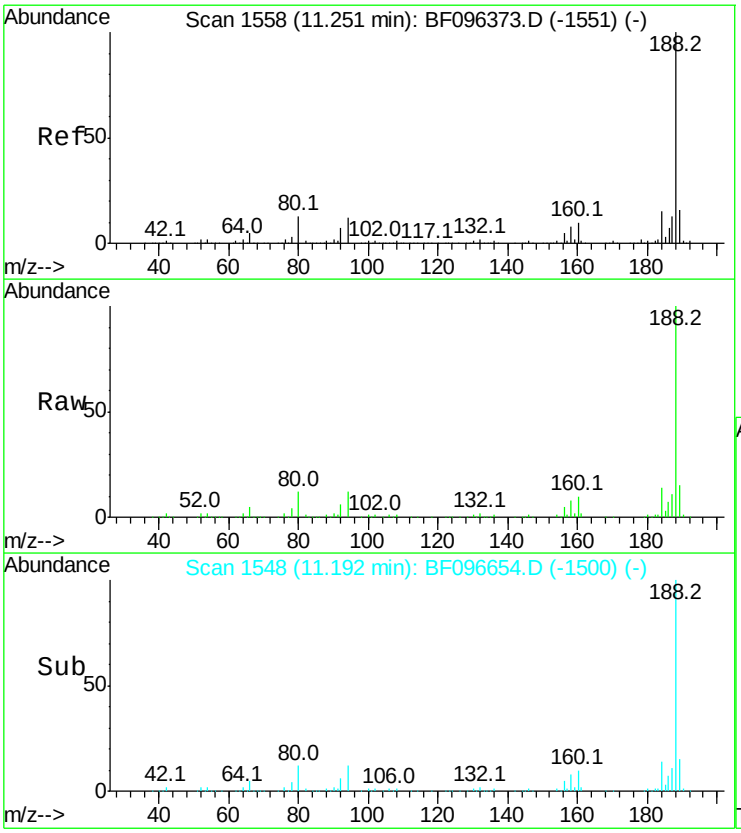
#56
2,4-Dinitrotoluene
Concen: 6.334 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:165 Resp: 21516

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

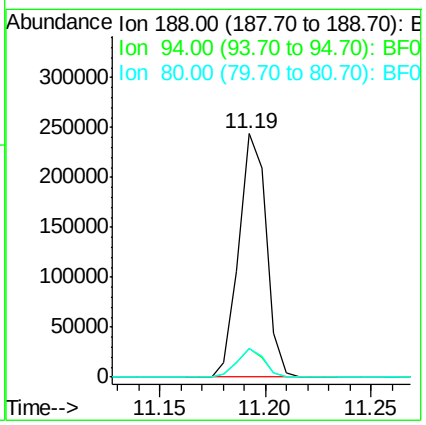


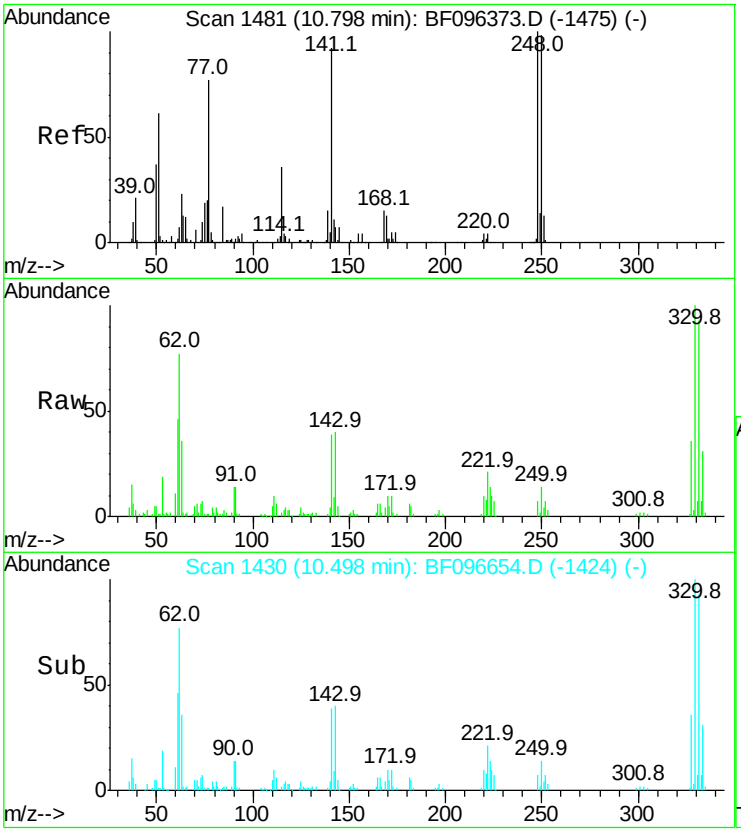


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:188 Resp: 220491

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.9	10.2	15.2



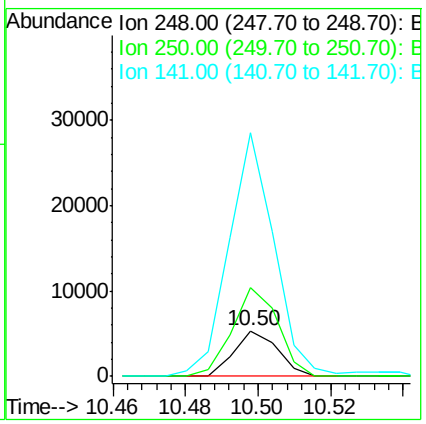


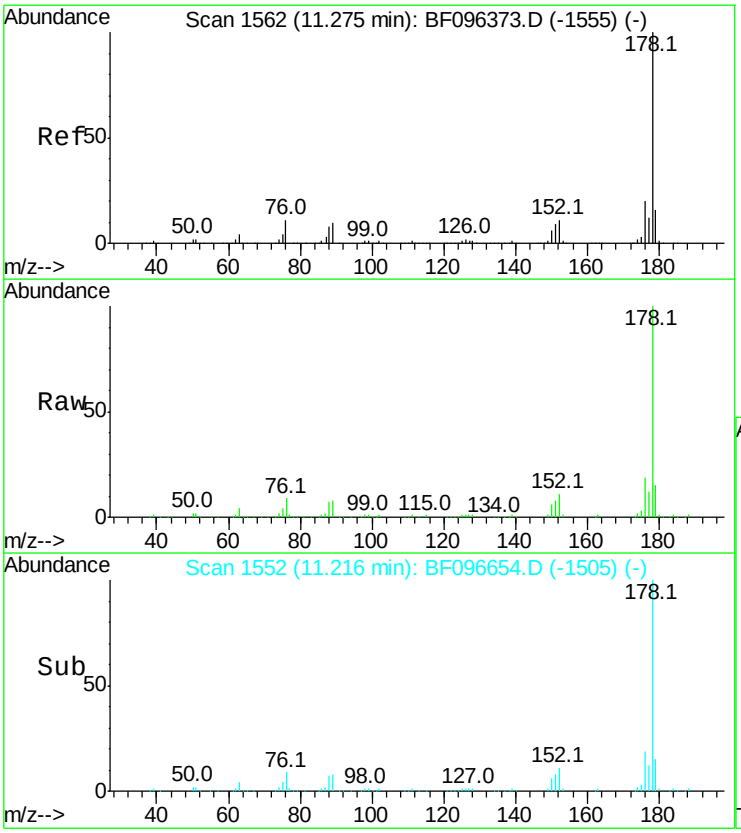
#66
4-Bromophenyl-phenylether
Concen: 2.041 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:248 Resp: 4381

Ion	Ratio	Lower	Upper
248	100		
250	195.0	76.8	115.2#
141	533.0	68.6	103.0#

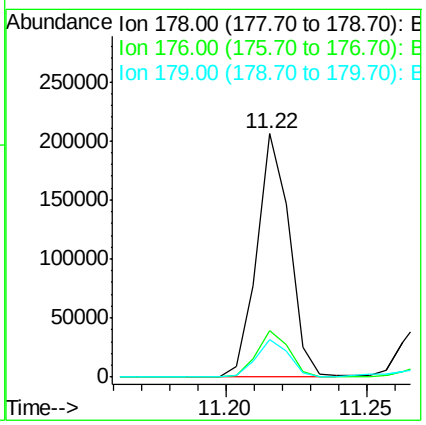


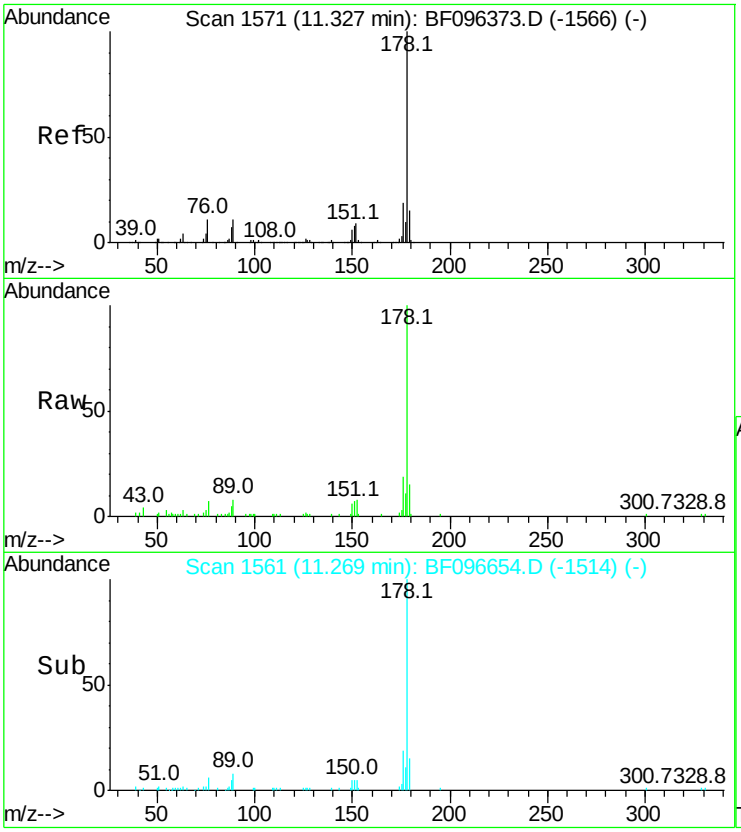


#70
Phenanthrene
Concen: 13.848 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:178 Resp: 165053

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.3	12.6	19.0



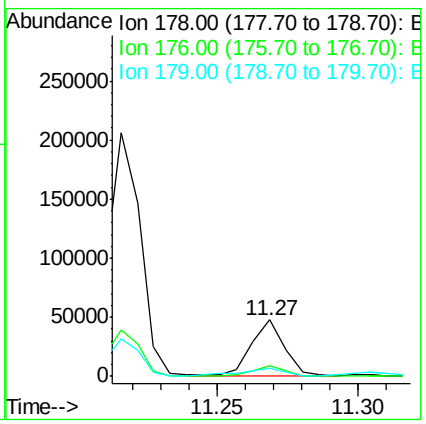


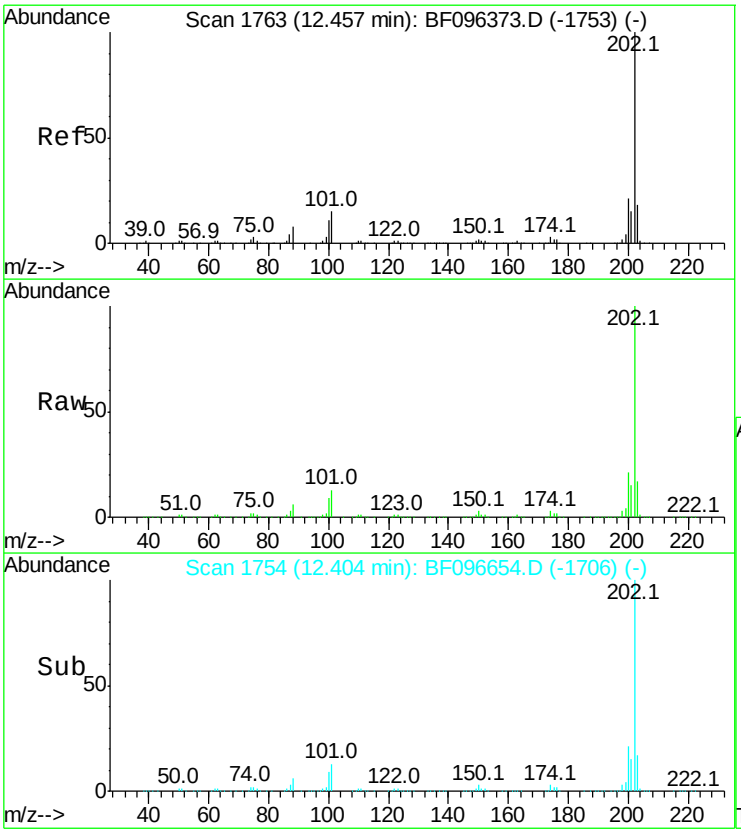
#71
Anthracene
Concen: 3.176 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:178 Resp: 38581

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.6	12.7	19.1

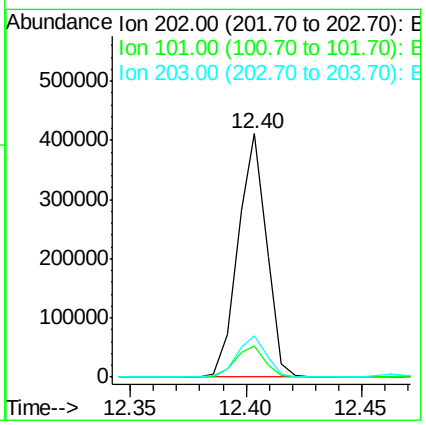


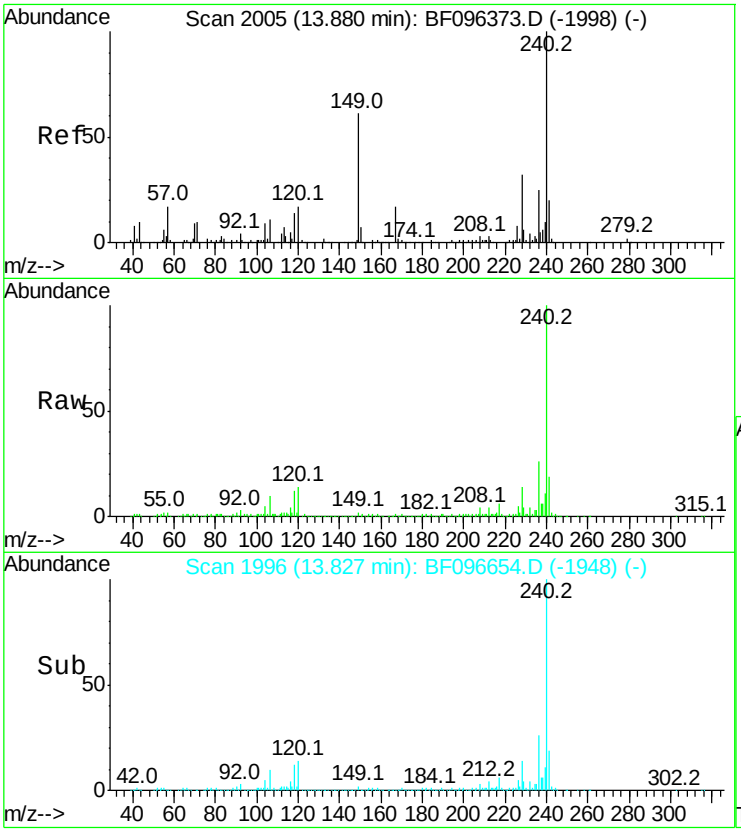


#74
Fluoranthene
Concen: 30.189 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:202 Resp: 352786

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	16.8	0.0	38.1



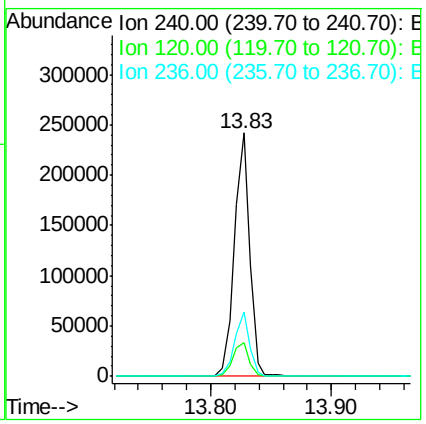


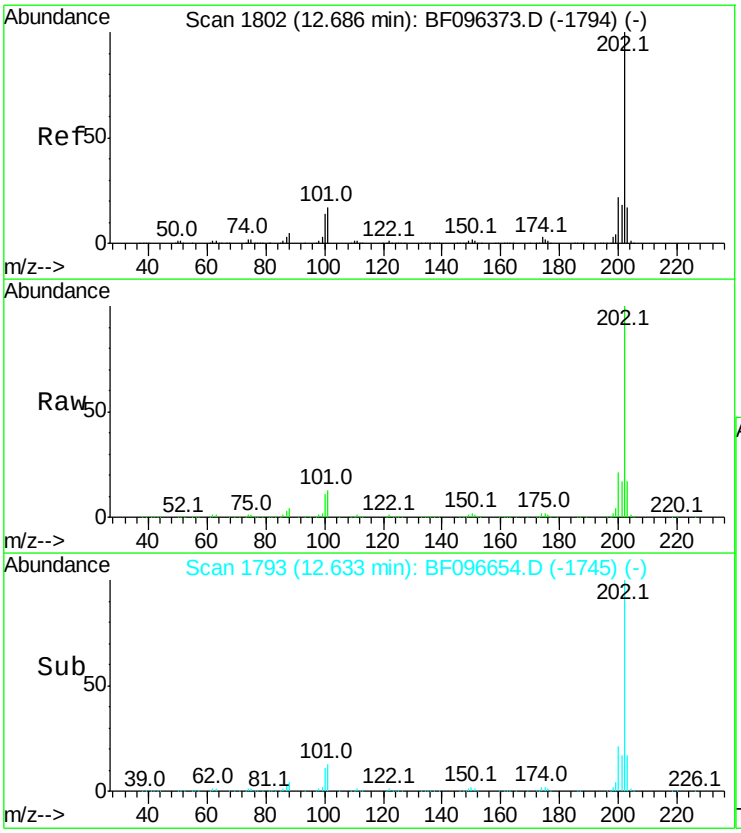
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:240 Resp: 214953

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	26.4	20.5	30.7

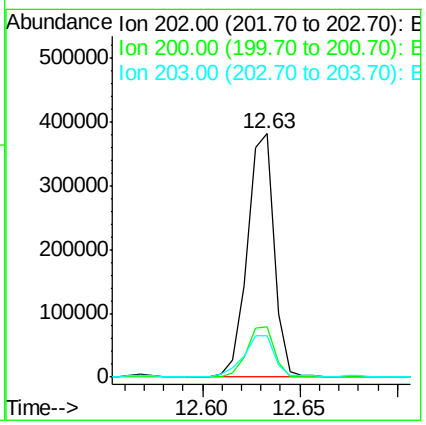


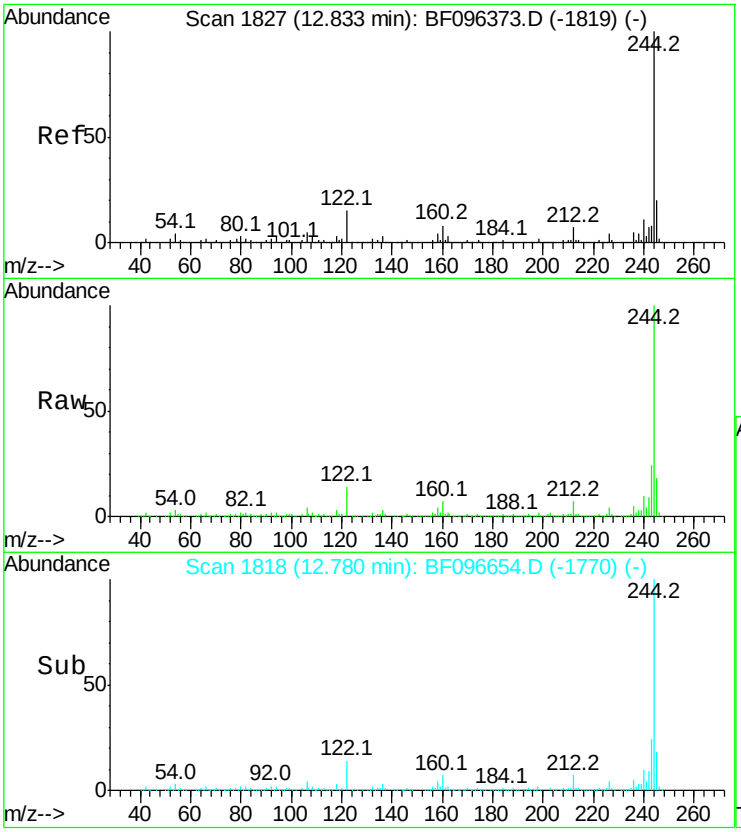


#77
Pyrene
Concen: 20.987 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:202 Resp: 362103

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.0	14.4	21.6



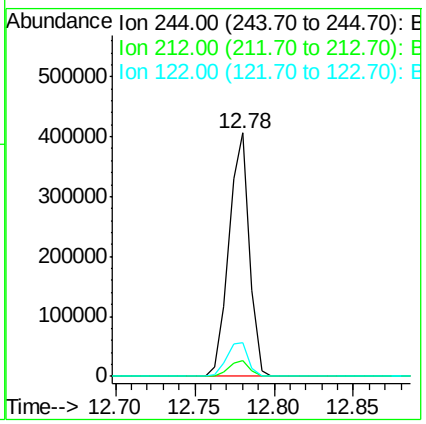


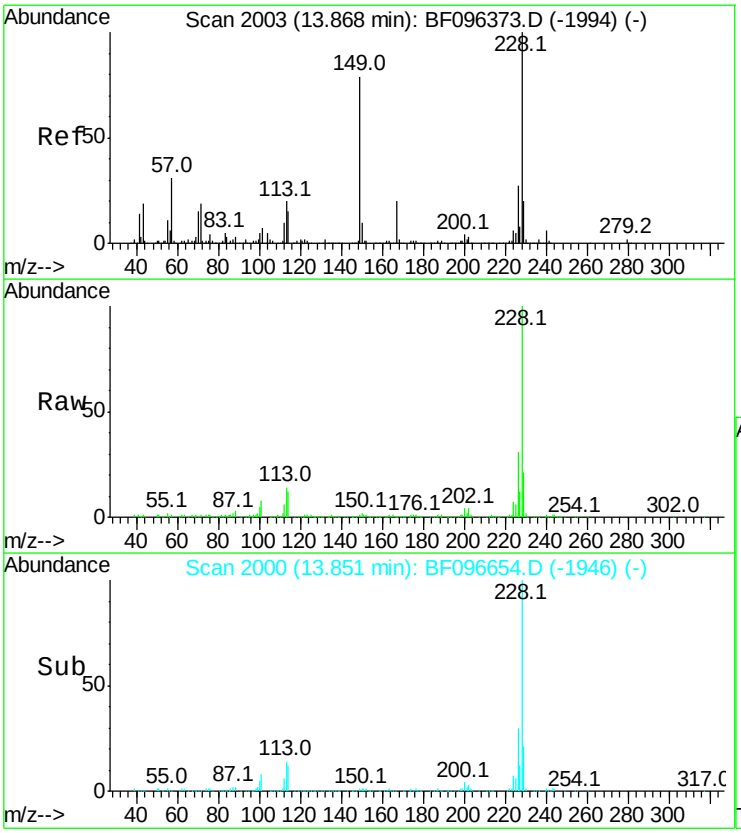
#78
Terphenyl-d14
Concen: 36.046 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:244 Resp: 362597

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.7	10.3	15.5

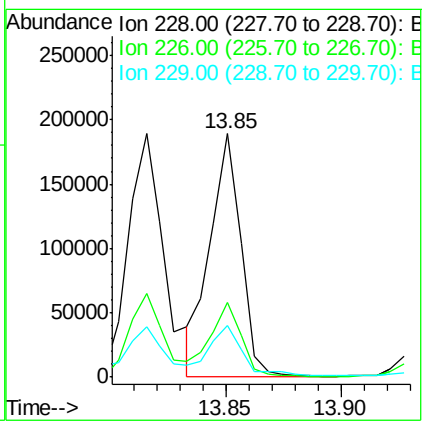


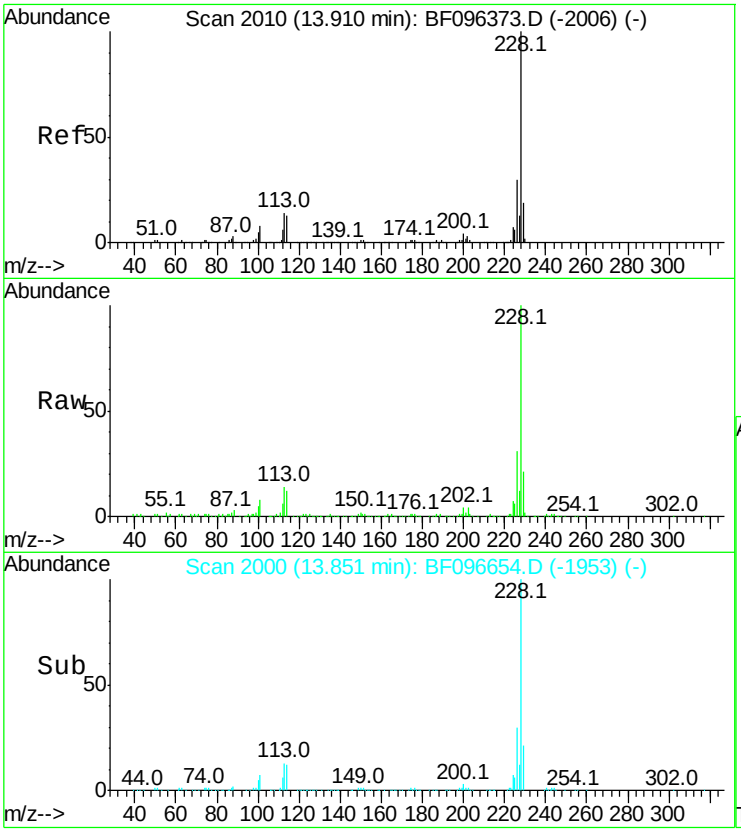


#80
Benzo(a)anthracene
Concen: 14.029 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:228 Resp: 174630

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.2	16.3	24.5



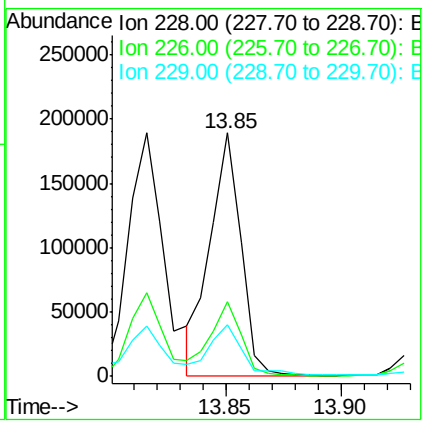


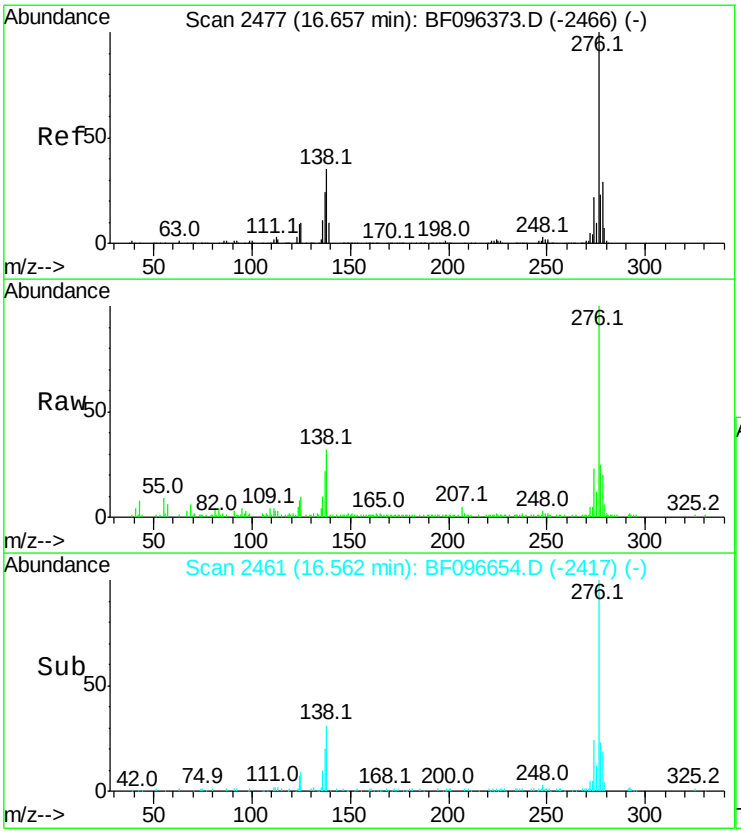
#82
Chrysene
Concen: 13.397 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:228 Resp: 174630

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.2	15.8	23.6

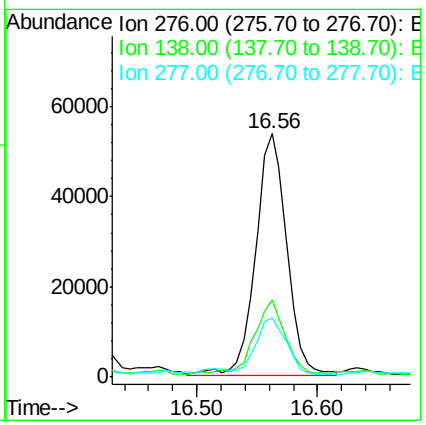


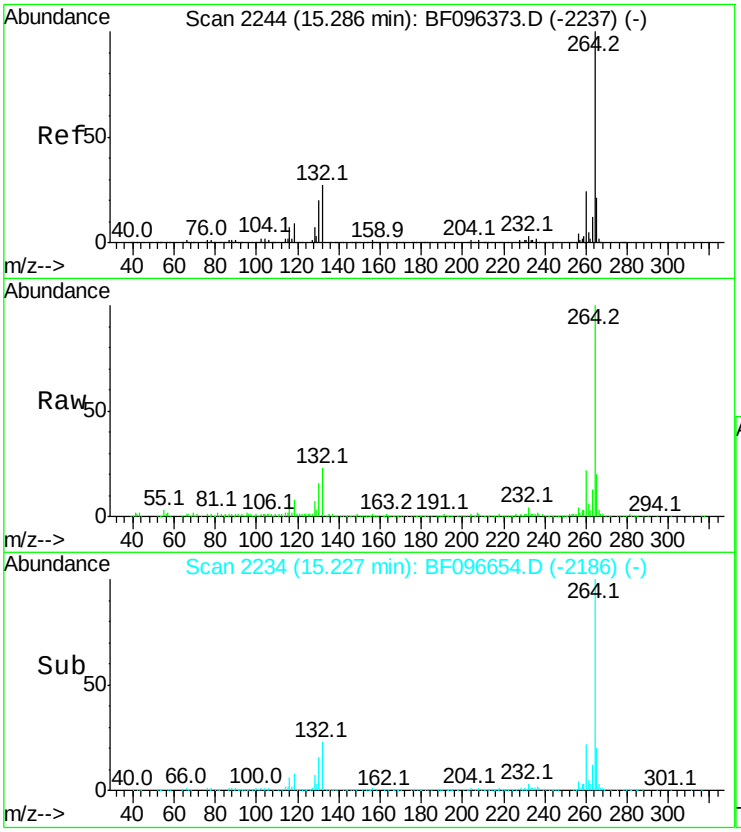


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.335 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.04 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:276 Resp: 96053

Ion	Ratio	Lower	Upper
276	100		
138	30.6	27.8	41.6
277	22.6	20.2	30.4



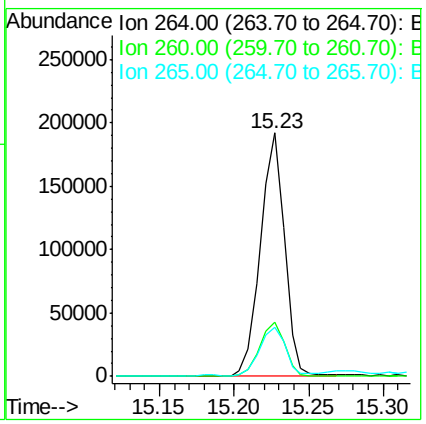


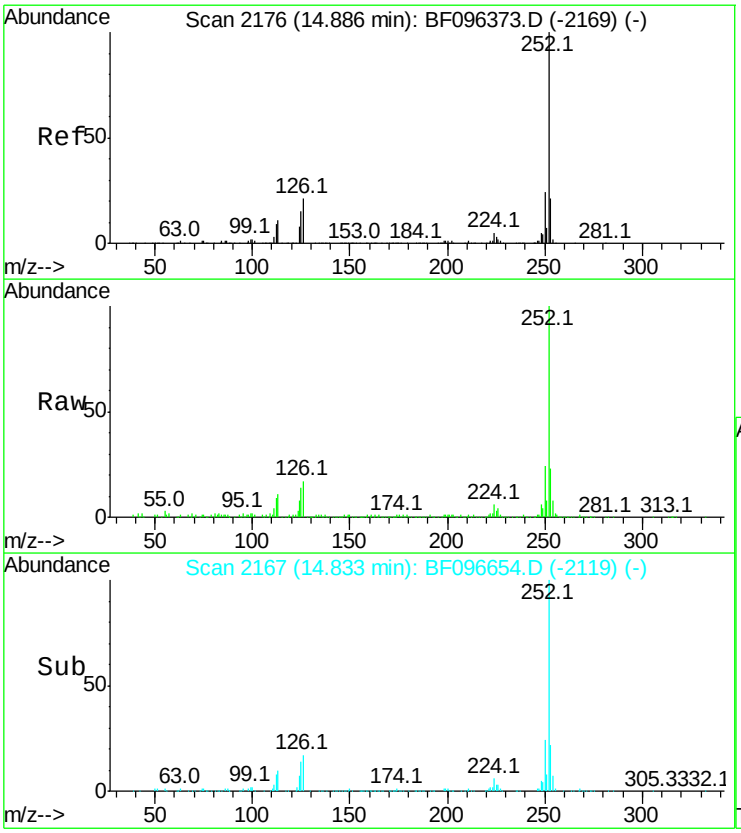
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:264 Resp: 214135

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.3	17.2	25.8

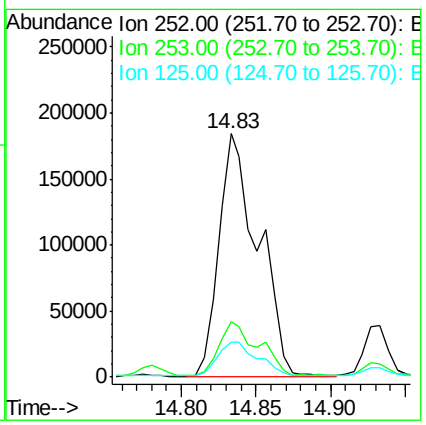


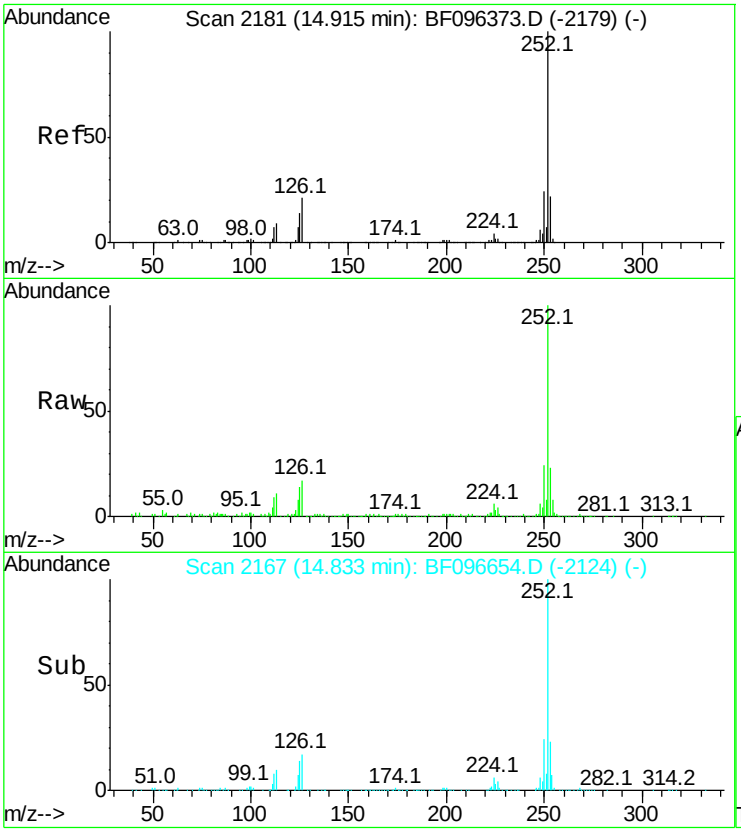


#87
Benzo(b)fluoranthene
Concen: 25.088 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:252 Resp: 336617

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	14.3	9.8	14.8



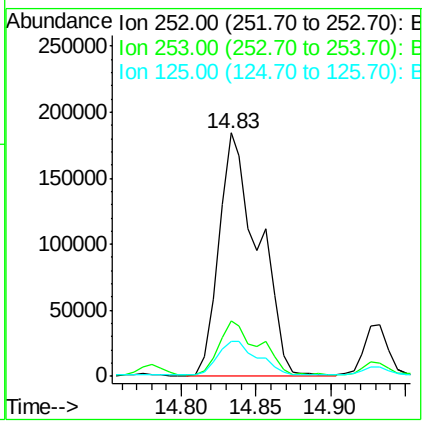


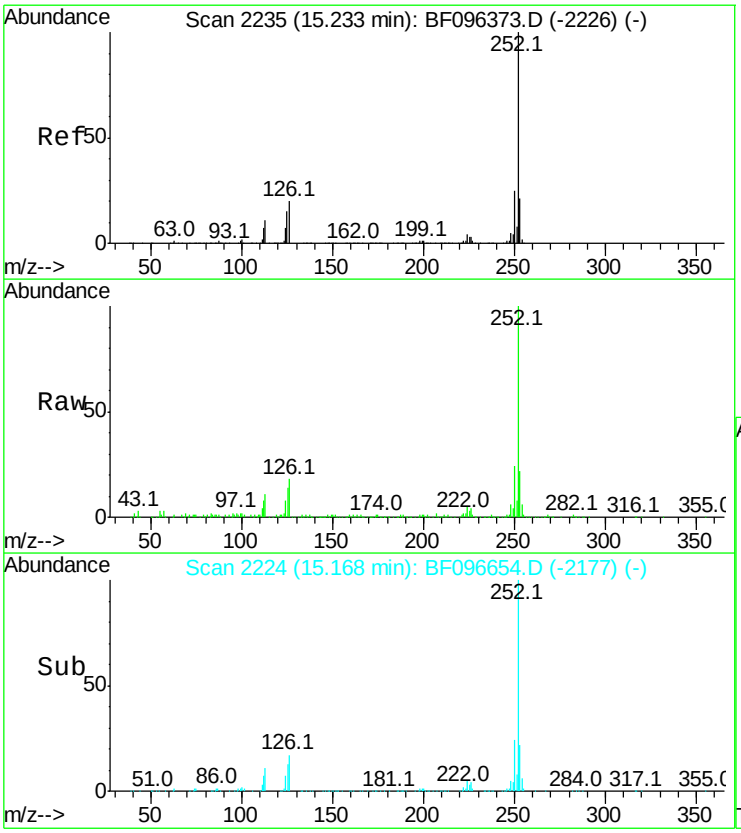
#88
Benzo(k)fluoranthene
Concen: 28.046 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:252 Resp: 336617

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	14.3	13.1	19.7

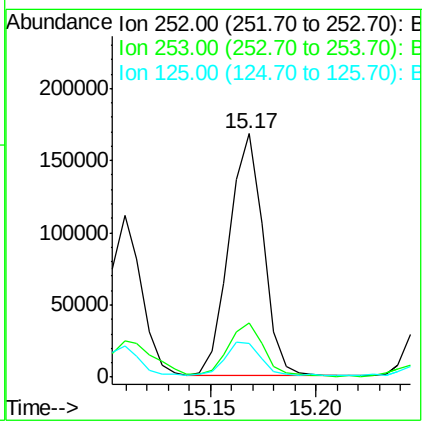


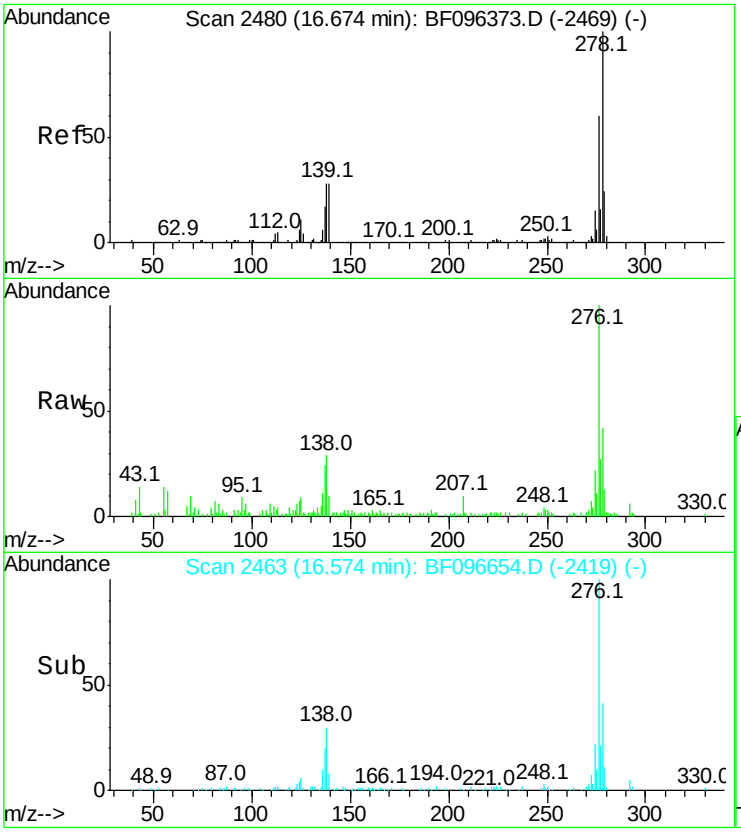


#89
Benzo(a)pyrene
Concen: 15.652 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:252 Resp: 187497

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.1	11.0	16.4



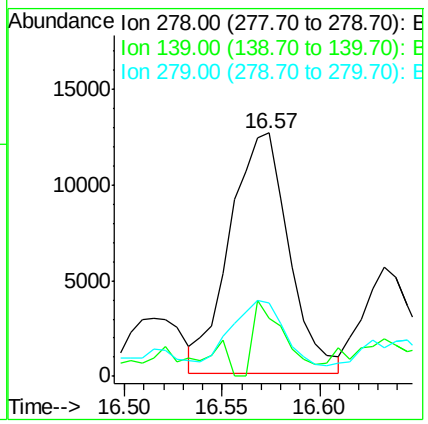


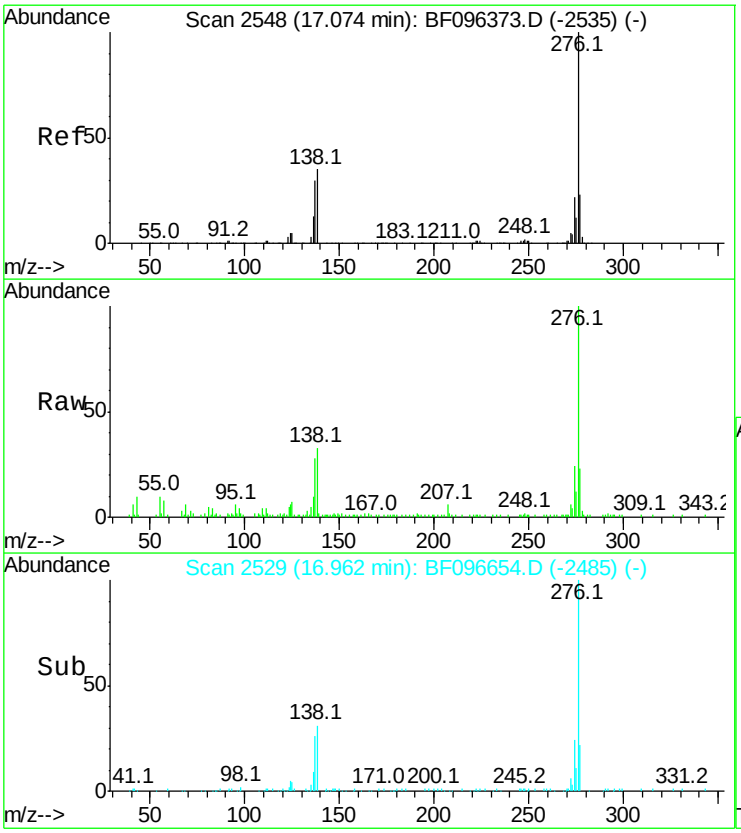
#90
Dibenzo(a,h)anthracene
Concen: 2.814 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.04 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion:278 Resp: 26518

Ion	Ratio	Lower	Upper
278	100		
139	24.0	16.6	24.8
279	30.2	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 8.754 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF096654.D
Acq: 11 Jul 2017 19:50

Tgt Ion:276 Resp: 85491

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	32.6	25.4	38.0