Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099411.D
Acq On : 12 Oct 2017 22:52
Operator : SJ/JU
Sample : I5729-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 13 00:56:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111286	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	442317	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	180805	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	266344	20.00	ng		0.00
75) Chrysene-d12	14.02	240	214508	20.00	ng		0.00
86) Perylene-d12	15.49	264	175063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	609542	87.19	ng		0.00
7) Phenol-d6	6.49	99	729320	84.57	ng		0.00
23) Nitrobenzene-d5	7.42	82	428891	62.18	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	112754	76.21	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	755634	69.77	ng		0.00
78) Terphenyl-d14	12.96	244	484094	51.32	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	11980	2.39	ng		86
19) n-Nitroso-di-n-propylamine	7.42	70	53946	9.80	ng	#	74
25) Isophorone	7.42	82	428886	30.08	ng	#	64
48) Acenaphthylene	9.75	152	56000	3.14	ng		99
49) Dimethylphthalate	9.60	163	101053	7.41	ng		100
56) 2,4-Dinitrotoluene	9.89	165	23093	5.99	ng	#	22
66) 4-Bromophenyl-phenylether	10.67	248	7537	2.89	ng	#	1
70) Phenanthrene	11.40	178	79336	5.56	ng		97
71) Anthracene	11.45	178	41578	2.85	ng		97
74) Fluoranthene	12.59	202	122988	8.52	ng		98
77) Pyrene	12.82	202	108671	6.64	ng		97
80) Benzo(a)anthracene	14.04	228	53472	4.12	ng		93
82) Chrysene	14.04	228	53472	4.32	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	41336	4.18	ng		99
87) Benzo(b)fluoranthene	15.06	252	100172	9.31	ng	#	94
88) Benzo(k)fluoranthene	15.06	252	100172	9.42	ng	#	97
89) Benzo(a)pyrene	15.42	252	55816	5.65	ng	#	93
91) Benzo(g,h,i)perylene	17.42	276	47726	6.11	ng	#	90

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

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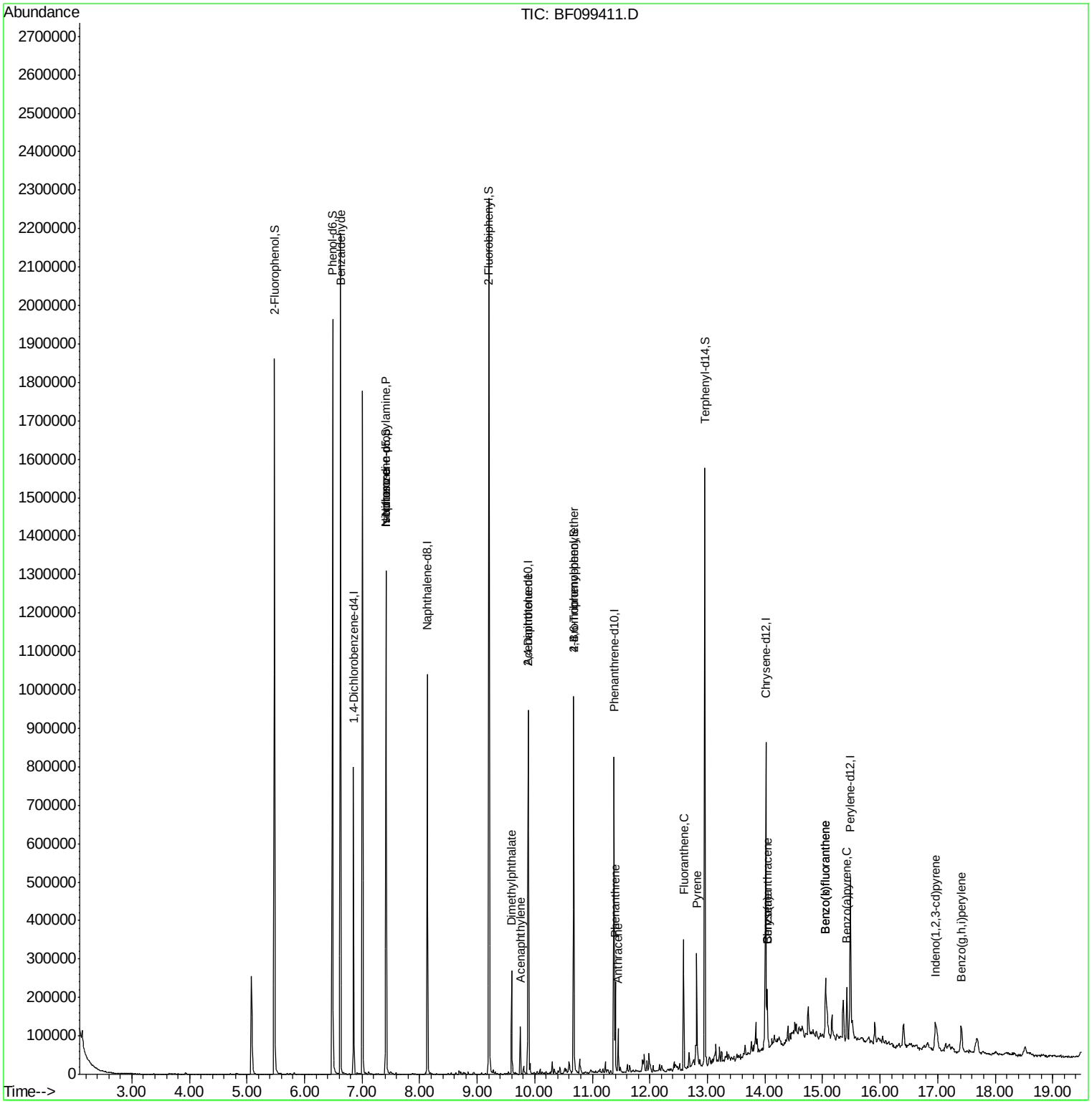
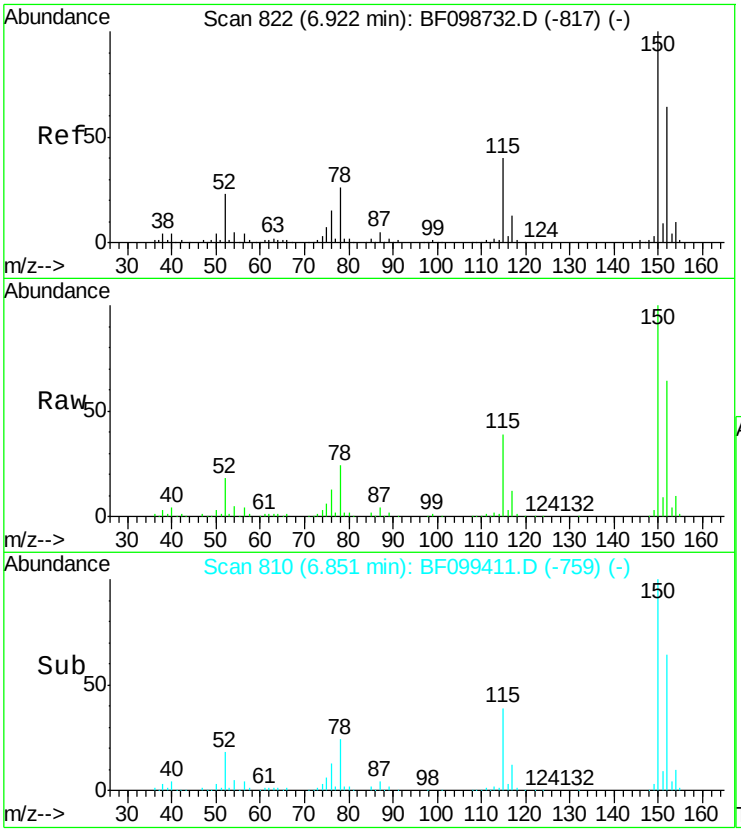


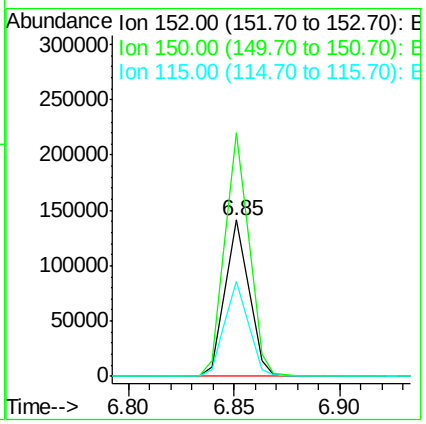


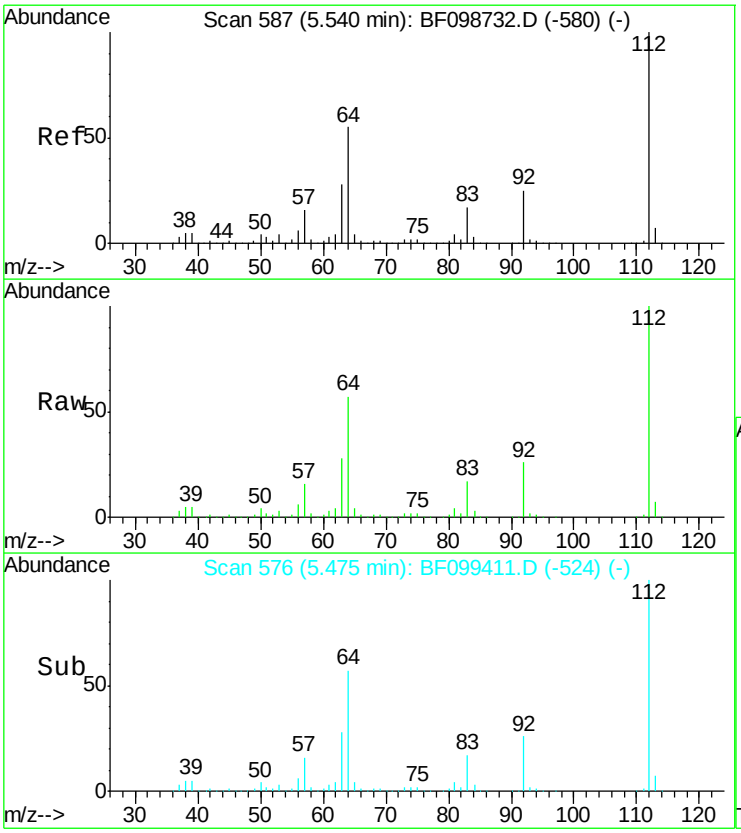
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111286

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	60.9	50.1	75.1

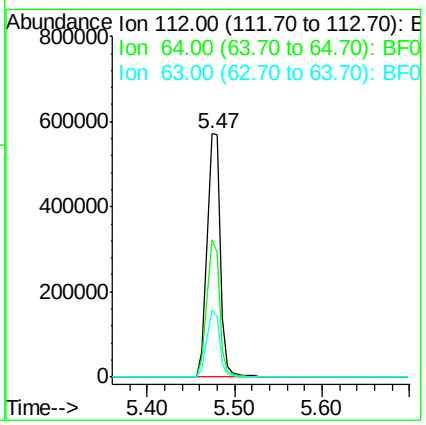


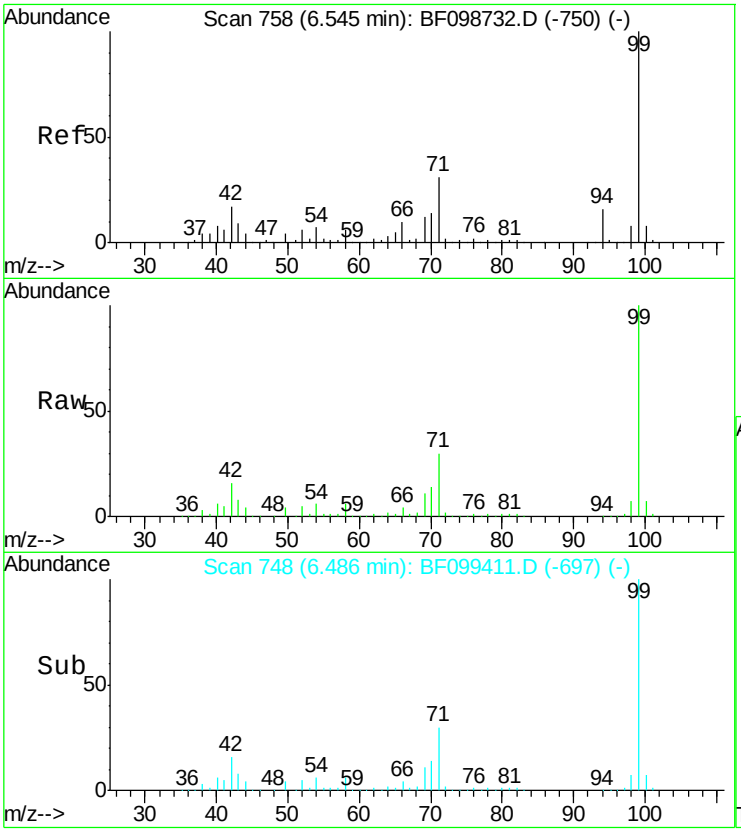


#5
2-Fluorophenol
Concen: 87.19 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:112 Resp: 609542

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	27.6	23.7	35.5



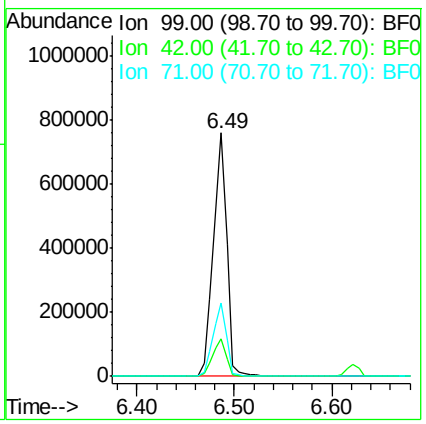


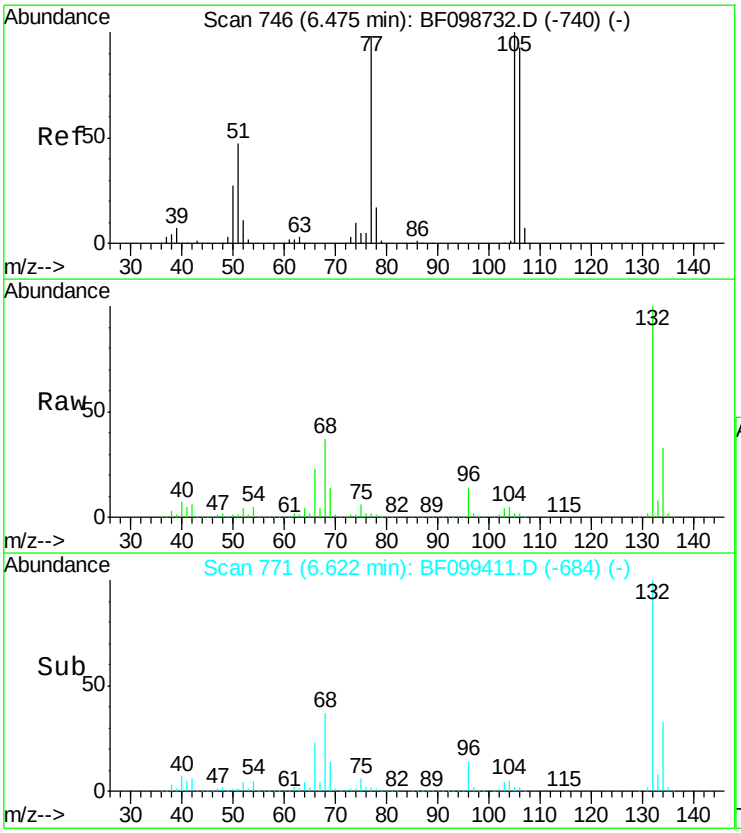
#7
Phenol-d6
Concen: 84.57 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 729320

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	30.1	25.4	38.0

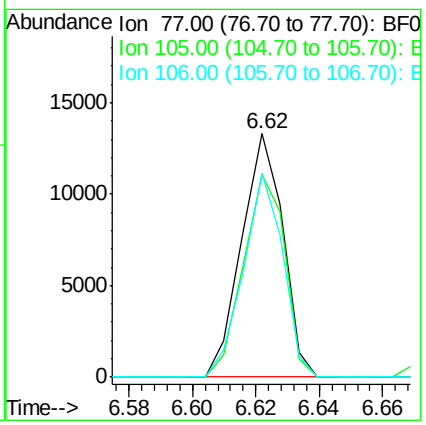


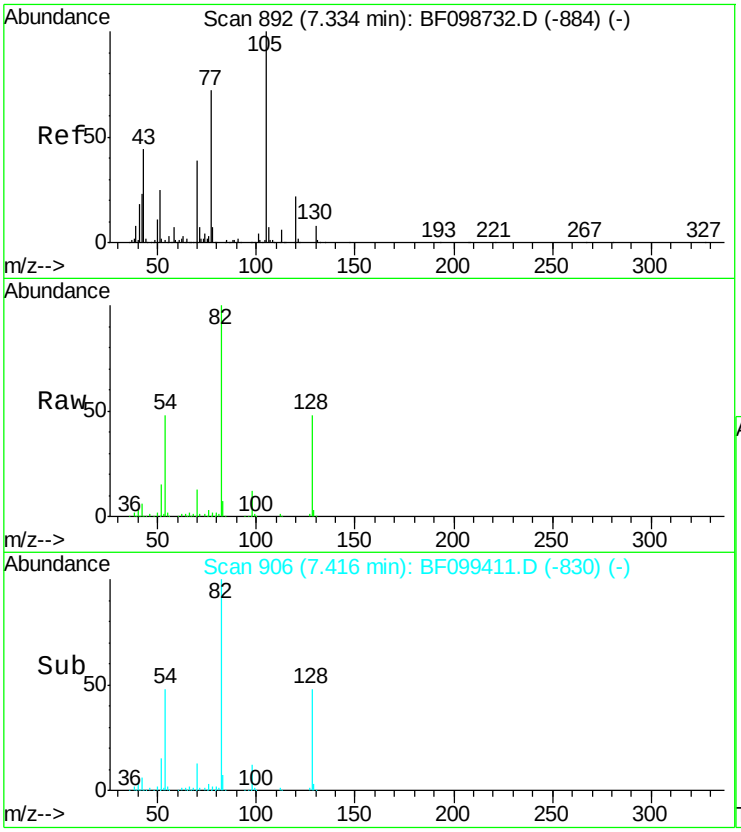


#9
Benzaldehyde
Concen: 2.39 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.21 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion: 77 Resp: 11980

Ion	Ratio	Lower	Upper
77	100		
105	83.3	81.1	121.1
106	83.8	74.5	114.5



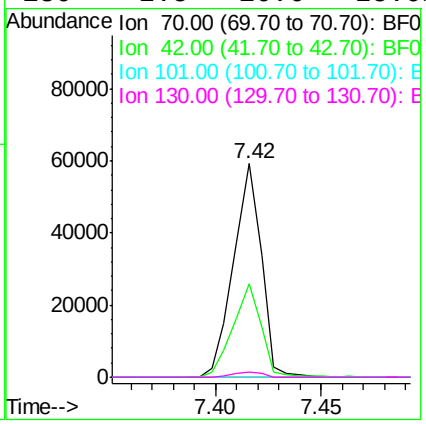


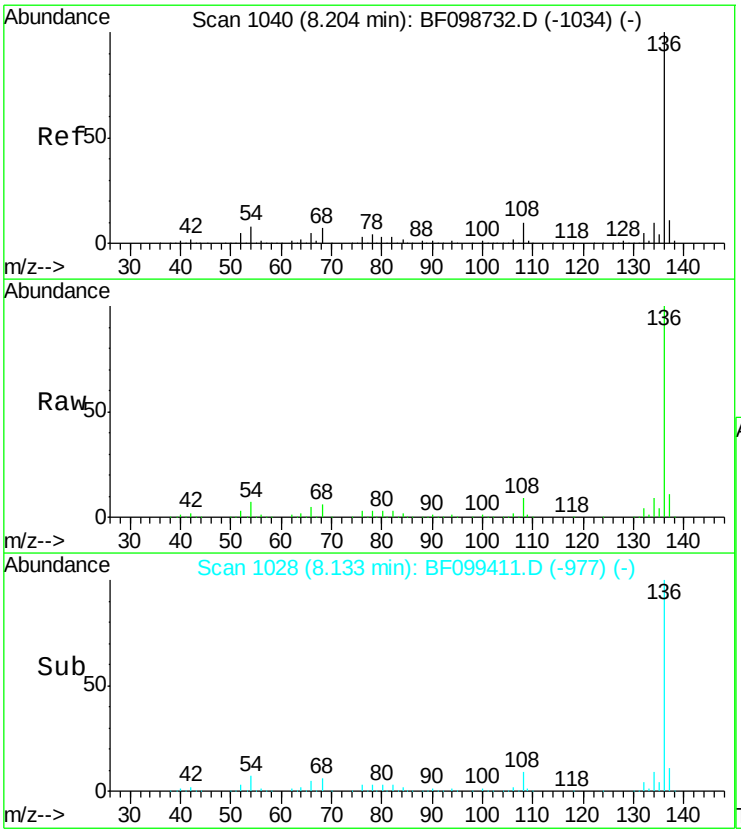
#19
n-Nitroso-di-n-propylamine
Concen: 9.80 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 53946

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

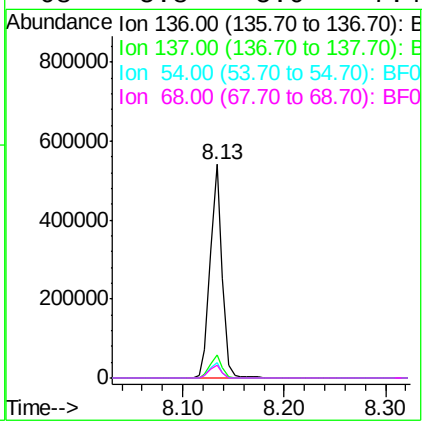


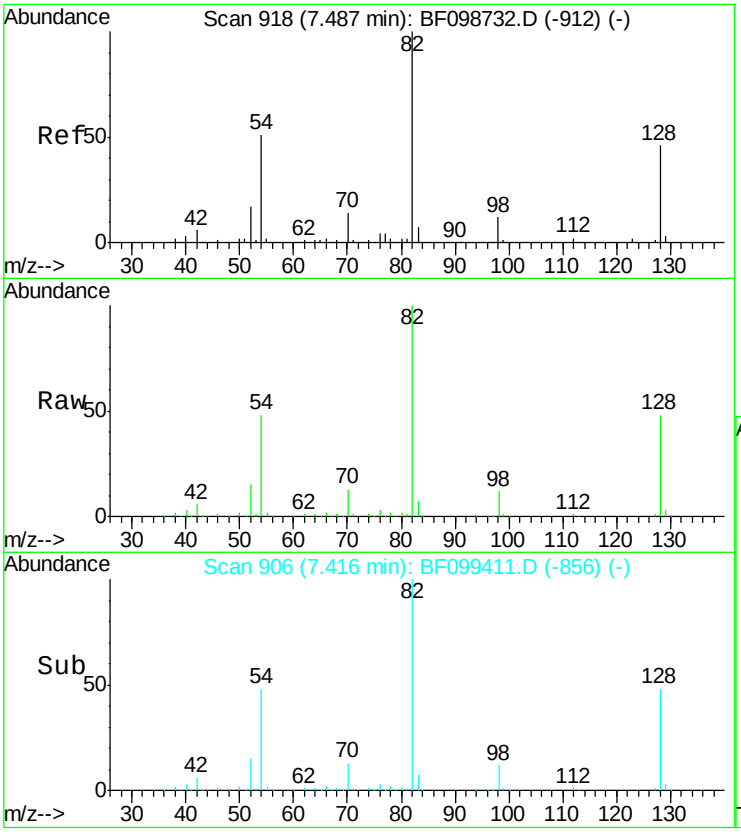


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:136 Resp: 442317

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



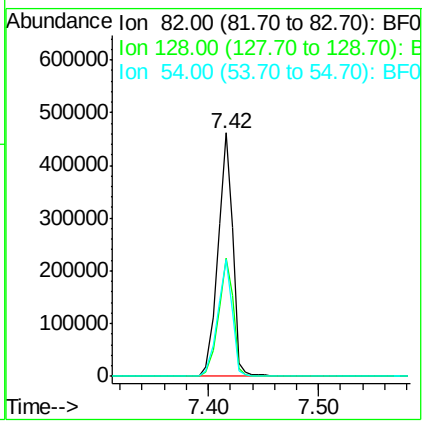


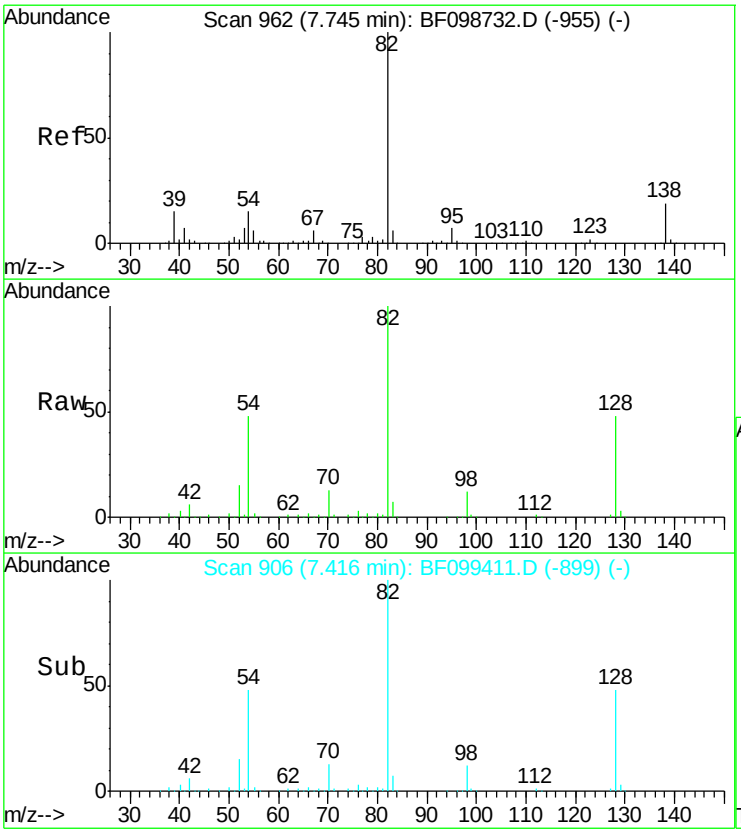
#23
Nitrobenzene-d5
Concen: 62.18 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 428891

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	47.8	41.4	62.2

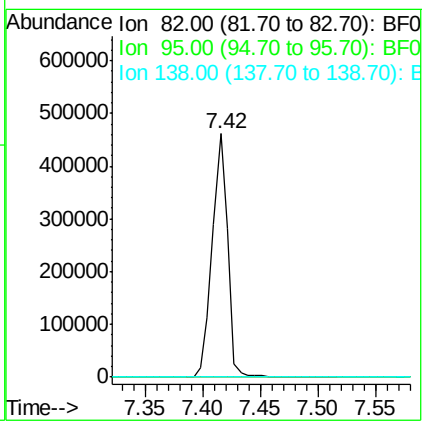


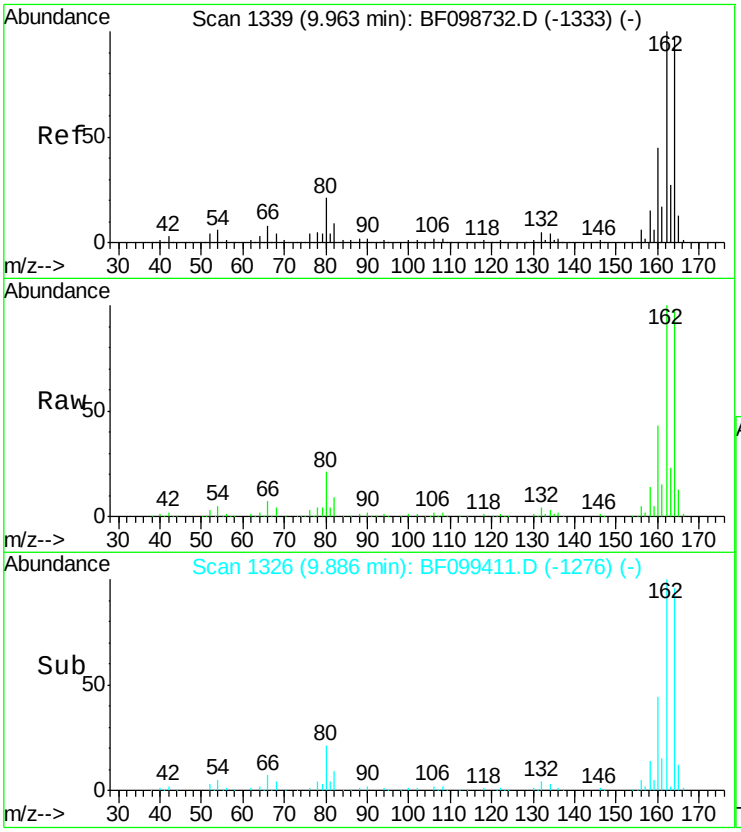


#25
Isophorone
Concen: 30.08 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion: 82 Resp: 428886

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



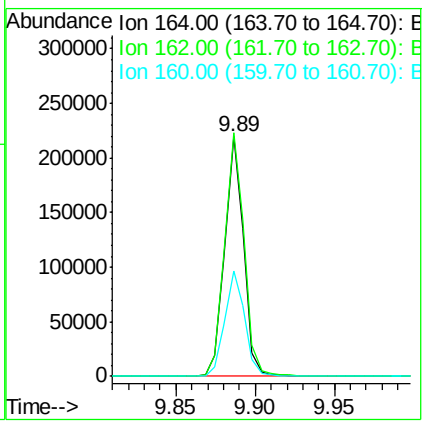


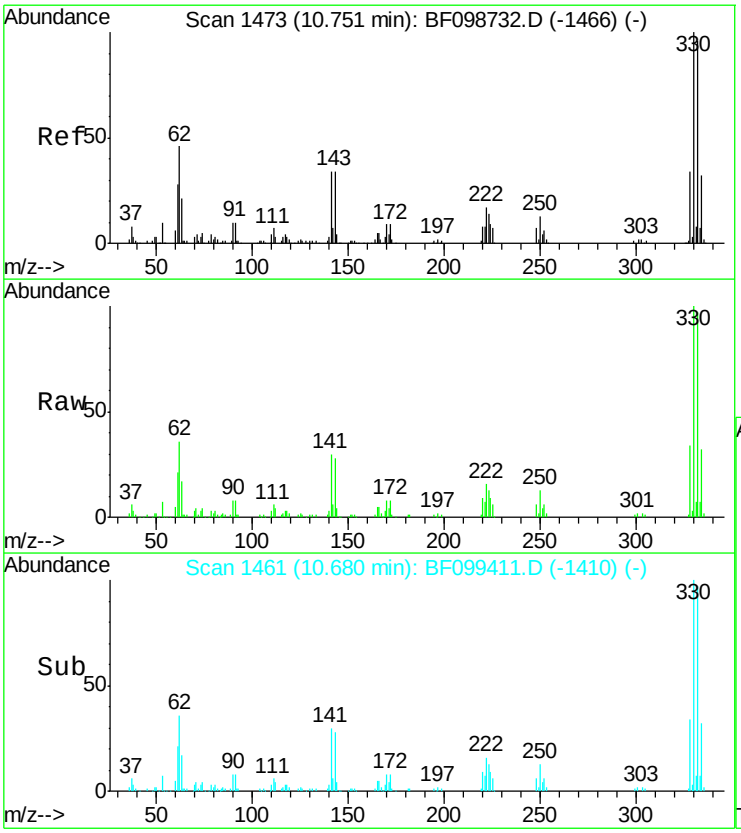
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 180805

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	44.2	38.3	57.5

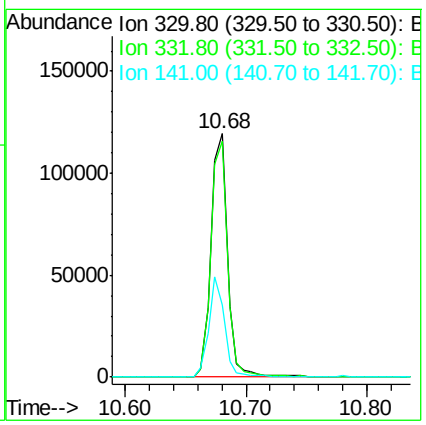


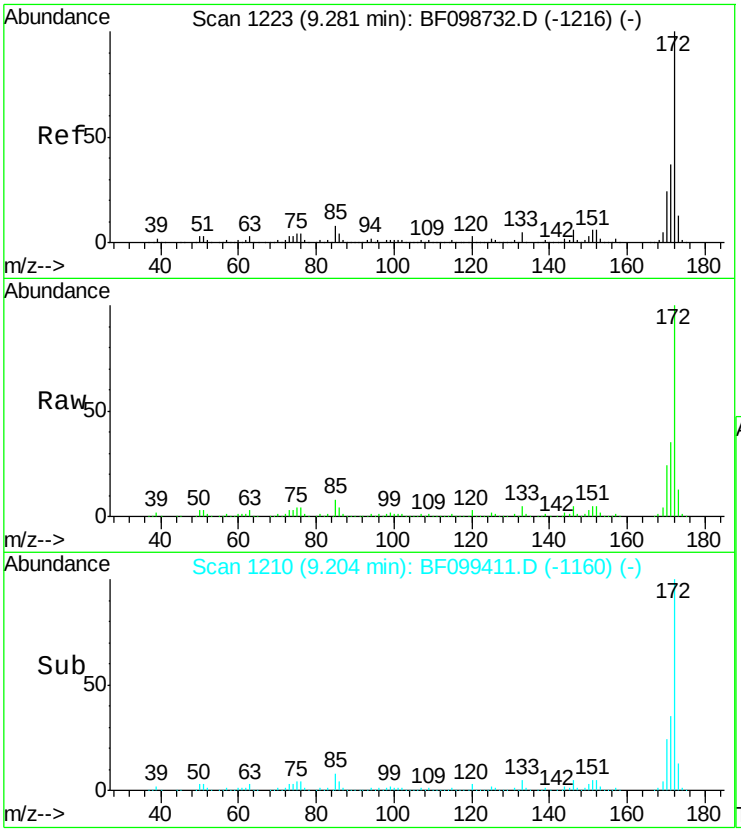


#41
2,4,6-Tribromophenol
Concen: 76.21 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:330 Resp: 112754

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	39.4	29.9	44.9



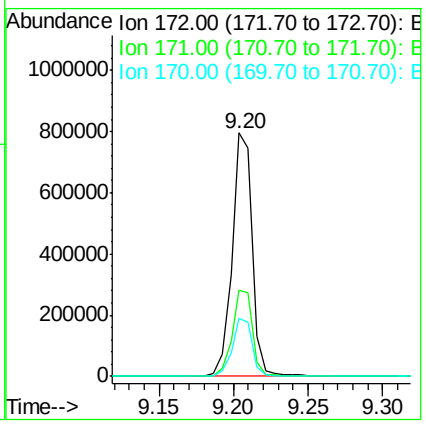


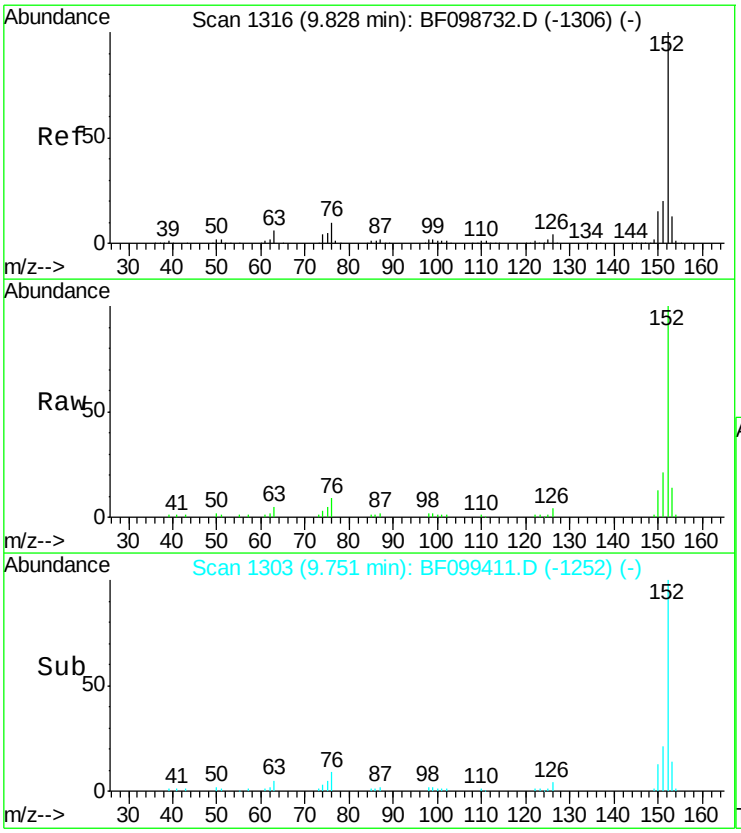
#44
2-Fluorobiphenyl
Concen: 69.77 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 755634

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.9	19.6	29.4

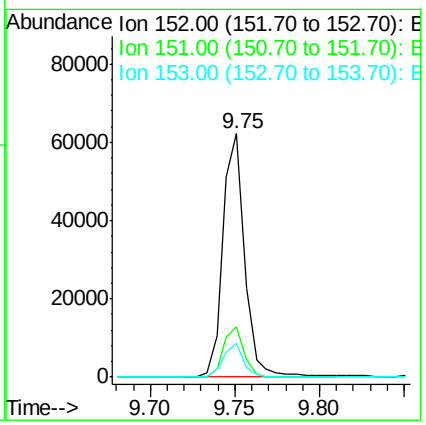


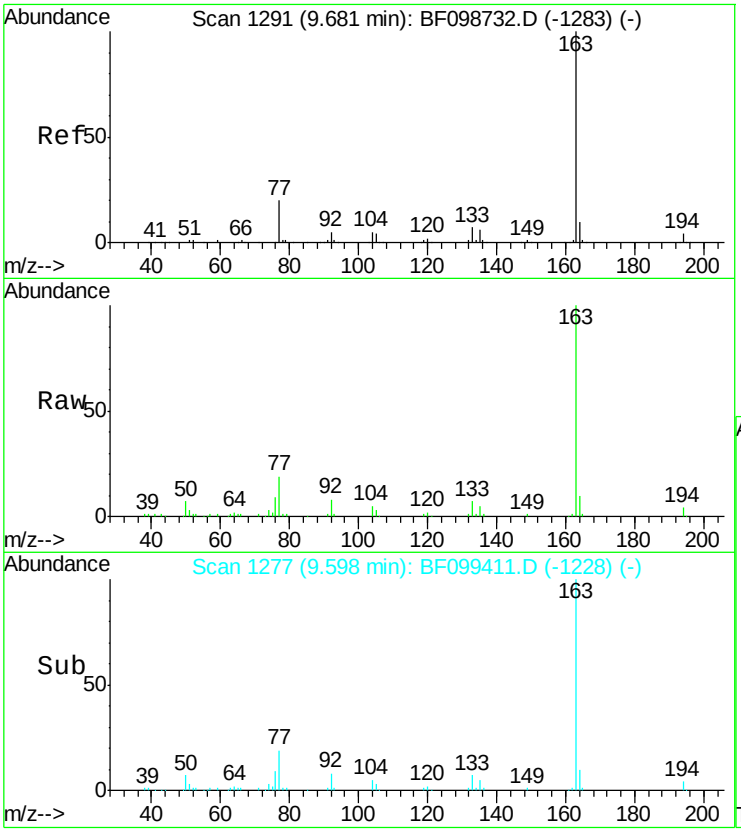


#48
Acenaphthylene
Concen: 3.14 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:152 Resp: 56000

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.0	10.7	16.1



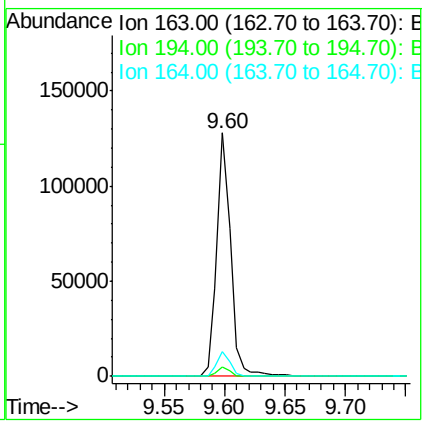


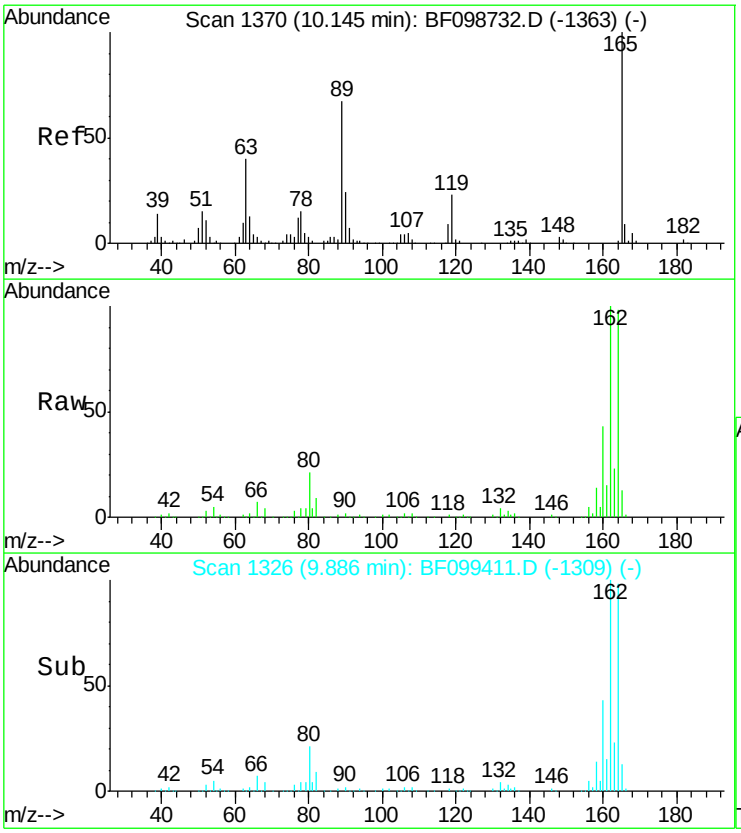
#49
Dimethylphthalate
Concen: 7.41 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 101053

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

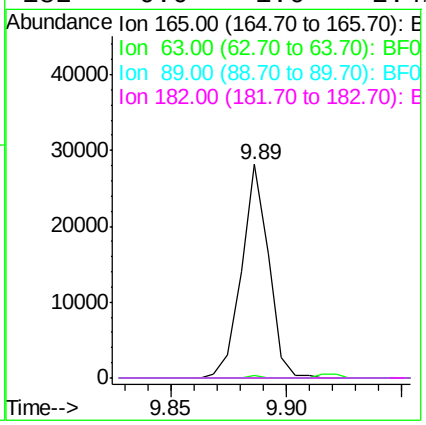


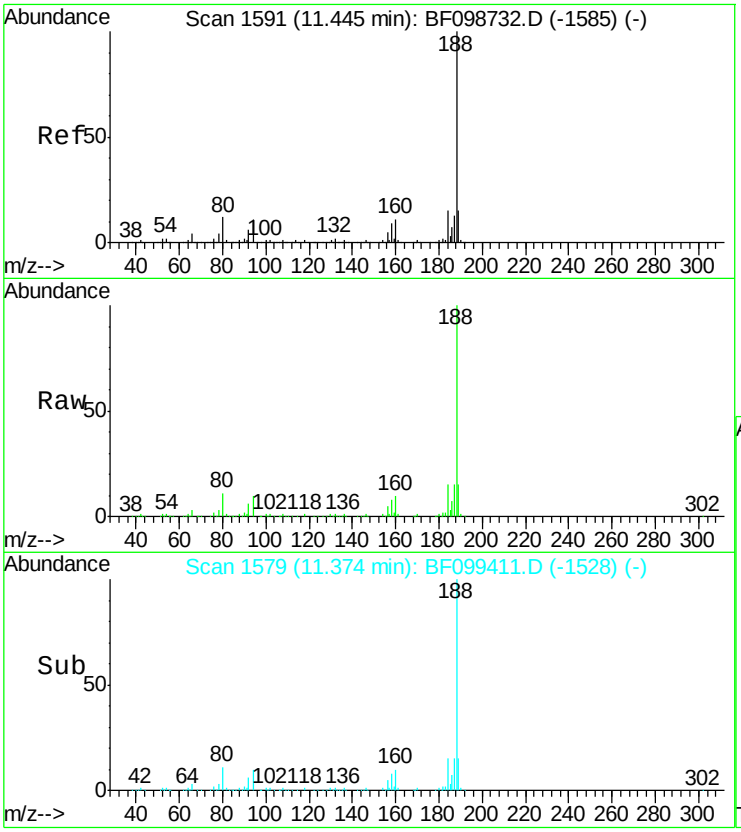


#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:165 Resp: 23093

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



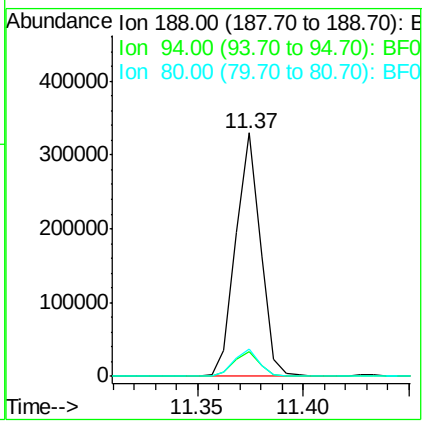


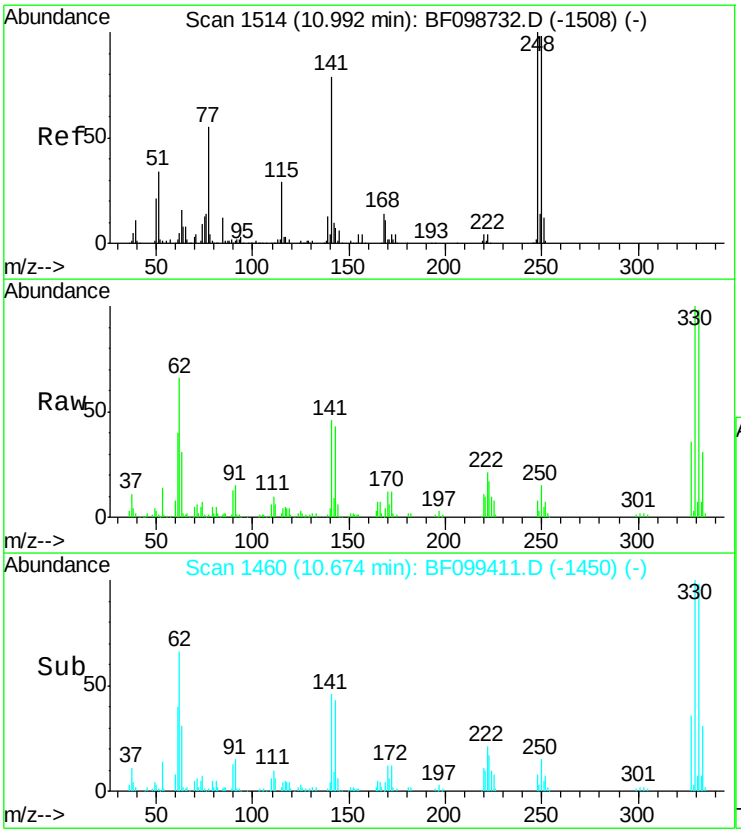
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 266344

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8

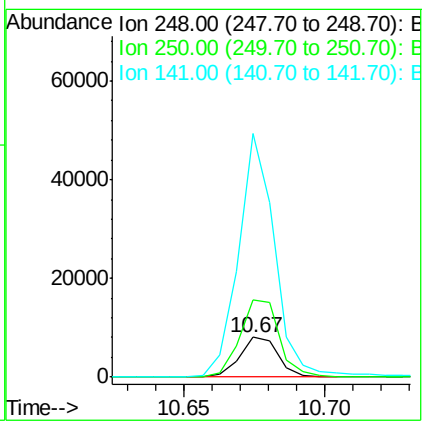


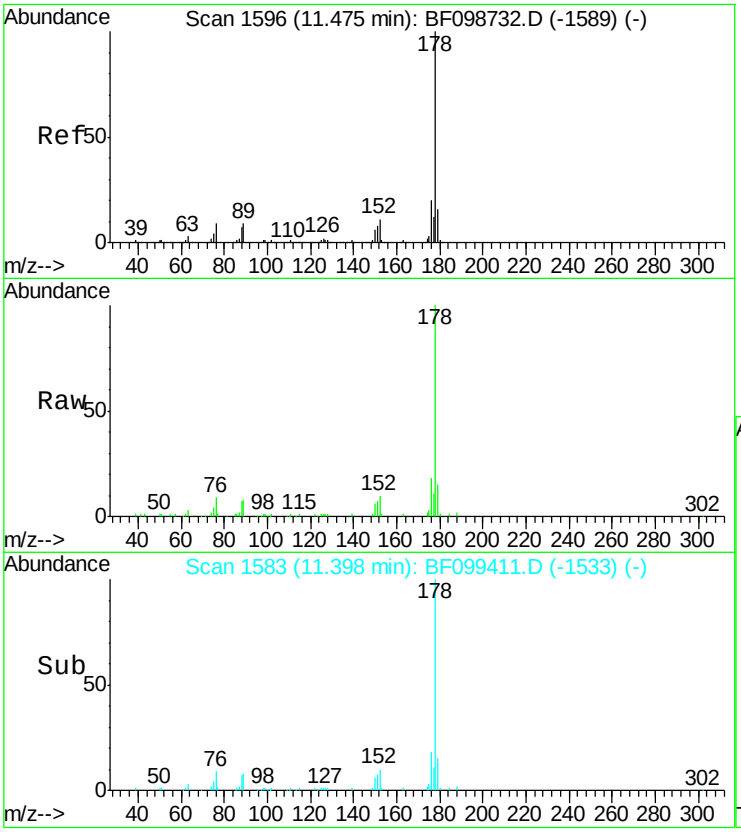


#66
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:248 Resp: 7537

Ion	Ratio	Lower	Upper
248	100		
250	195.4	76.9	115.3#
141	613.2	74.4	111.6#



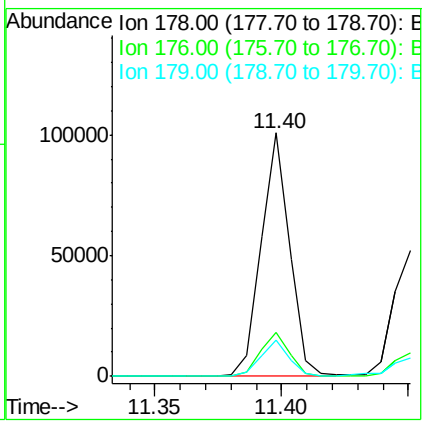


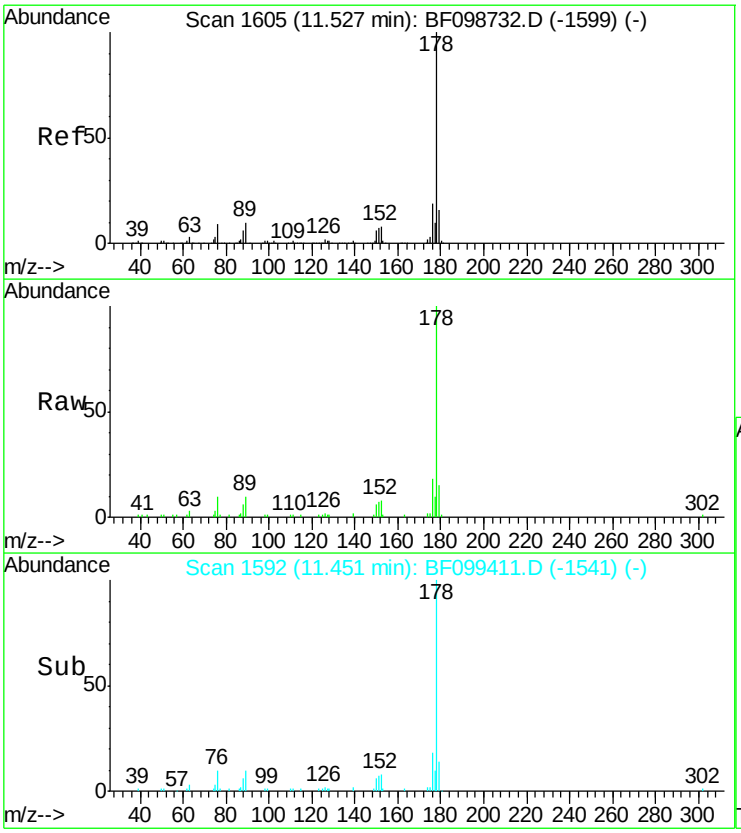
#70
Phenanthrene
Concen: 5.56 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 79336

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	14.9	13.0	19.6

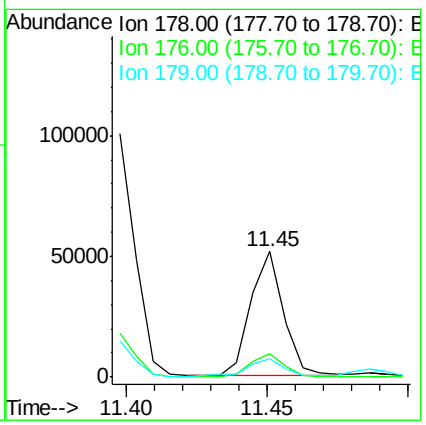


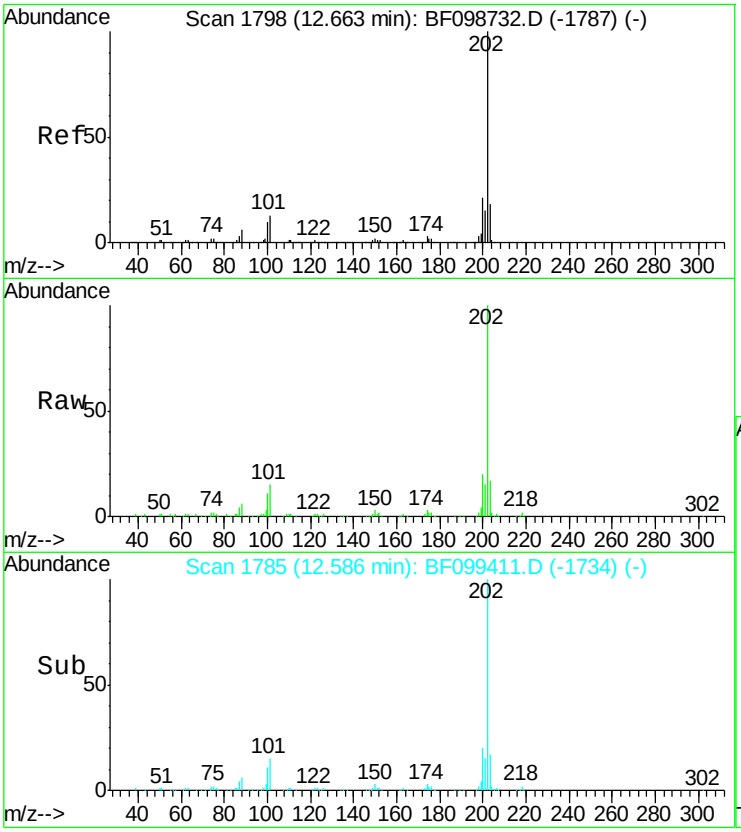


#71
Anthracene
Concen: 2.85 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:178 Resp: 41578

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.5	12.6	19.0



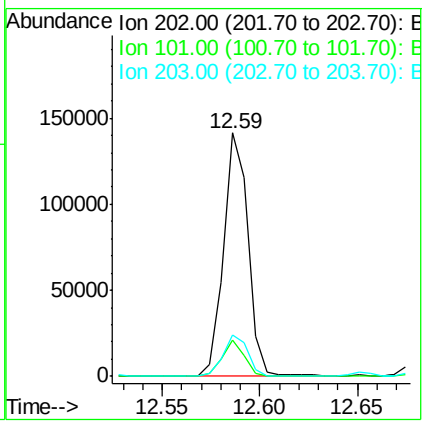


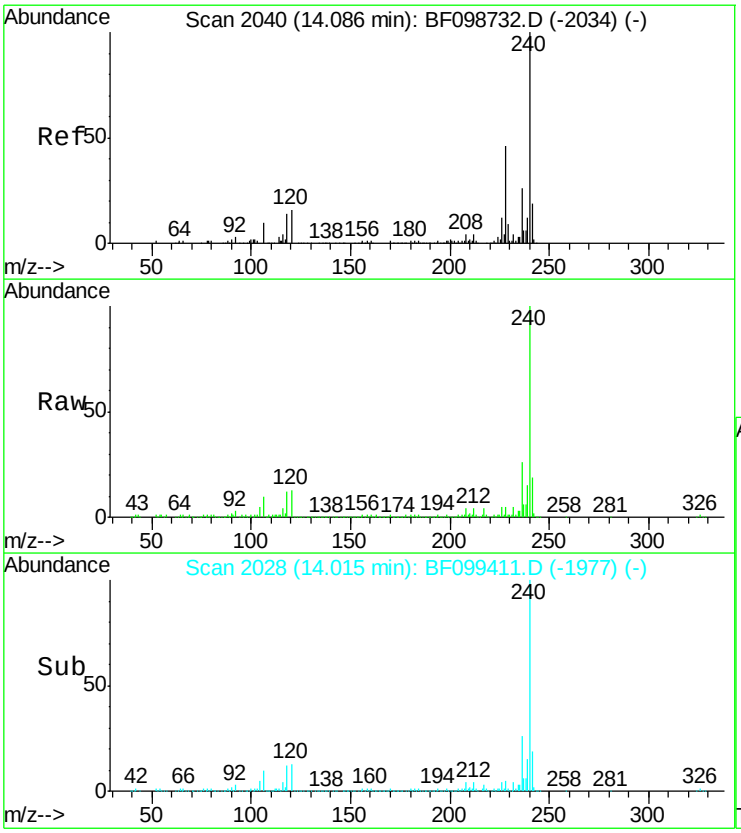
#74
Fluoranthene
Concen: 8.52 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 122988

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	16.9	0.0	38.1

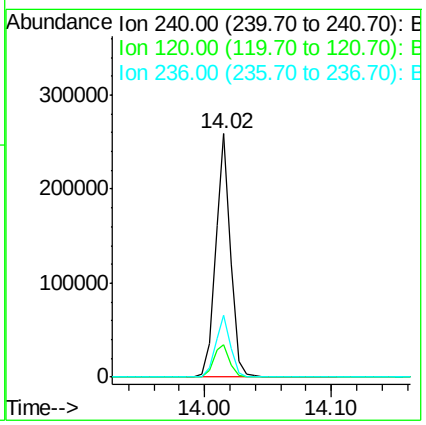


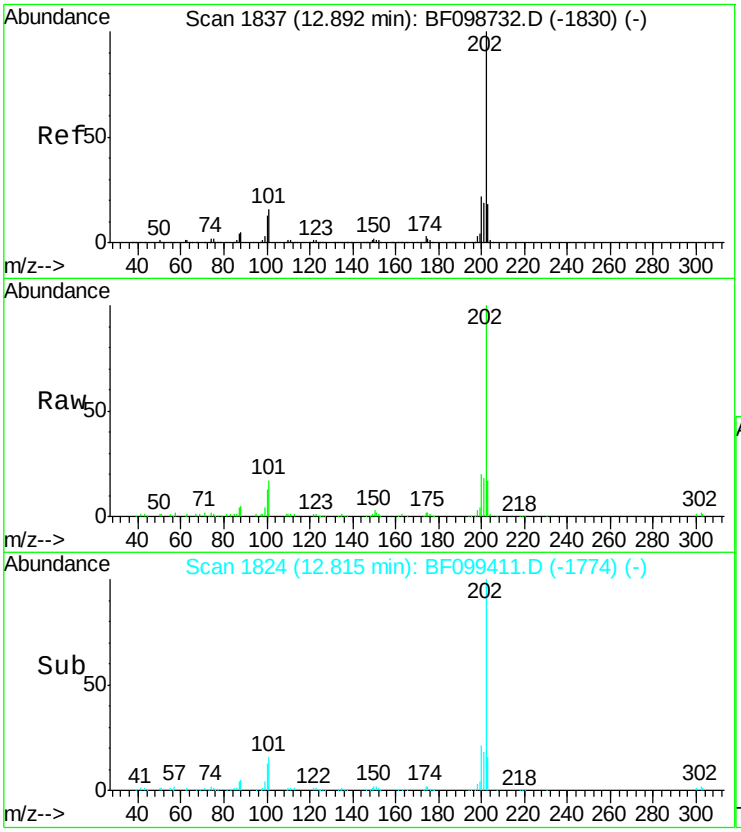


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:240 Resp: 214508

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.5	20.7	31.1



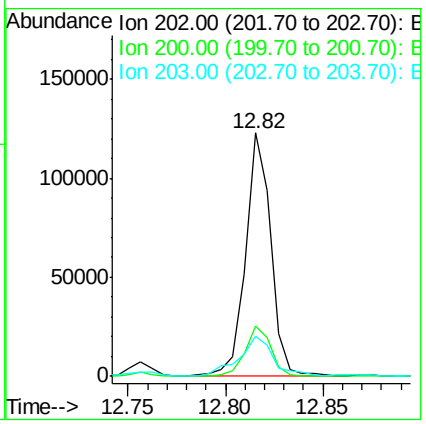


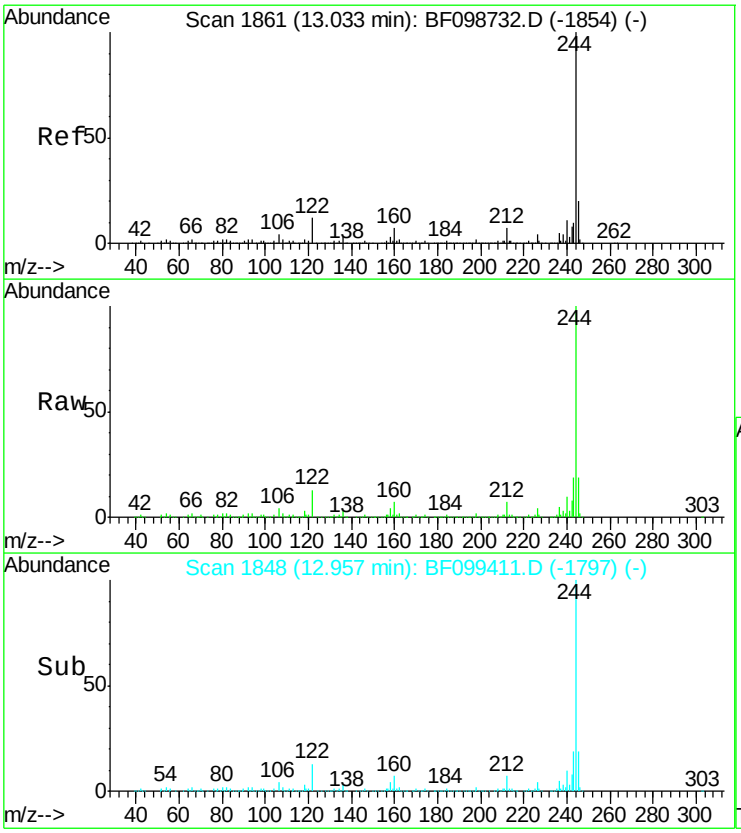
#77
Pyrene
Concen: 6.64 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 108671

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.5	14.3	21.5

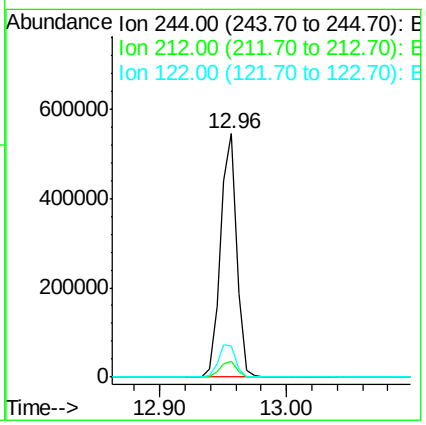


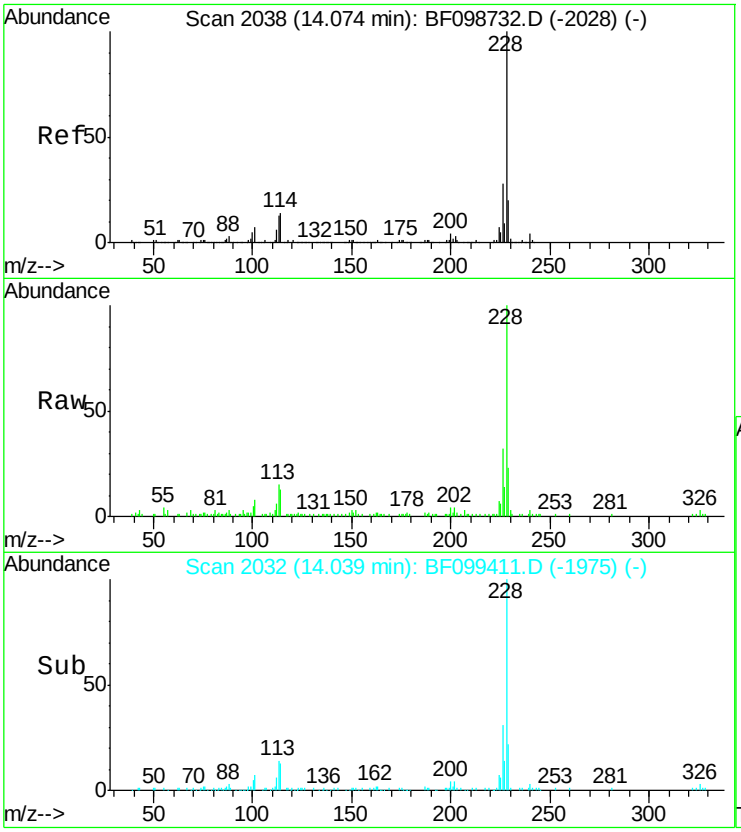


#78
Terphenyl-d14
Concen: 51.32 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:244 Resp: 484094

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.8	11.0	16.4



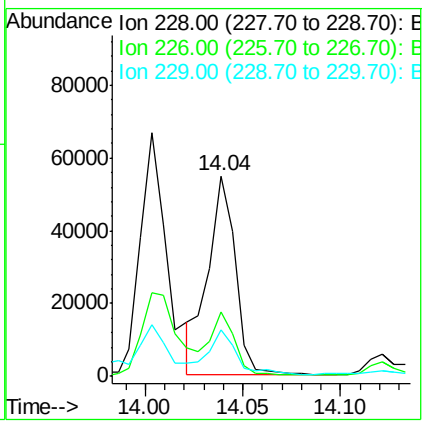


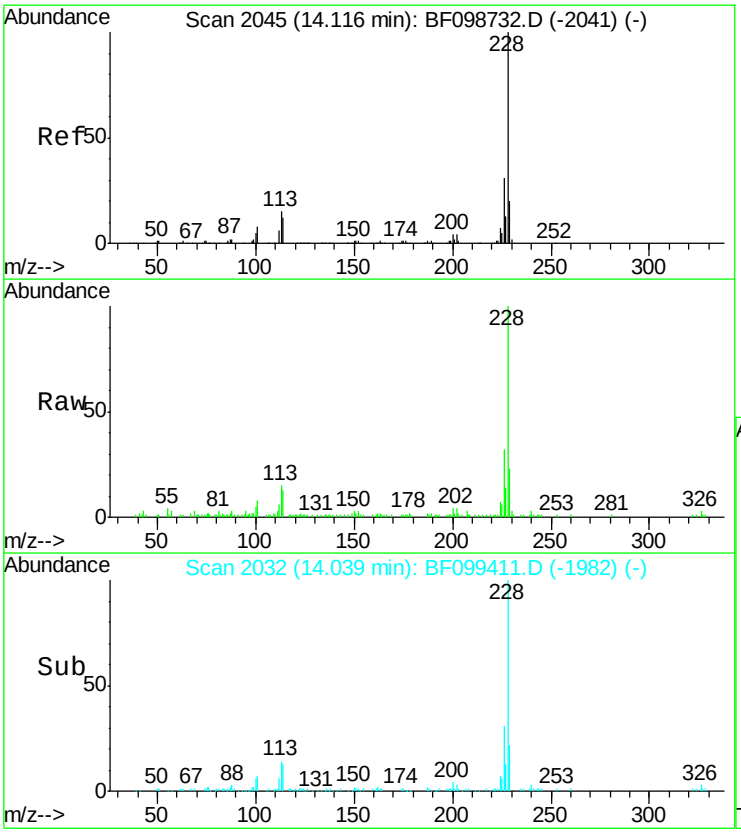
#80
Benzo(a)anthracene
Concen: 4.12 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.04 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 53472

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	23.0	15.8	23.6

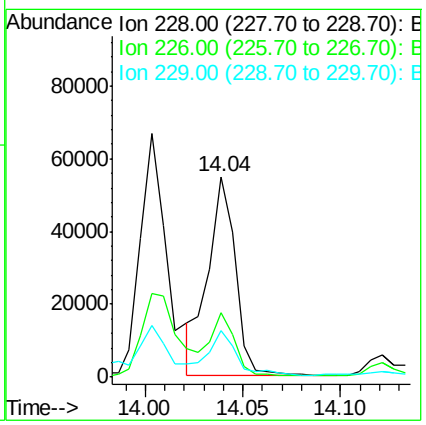


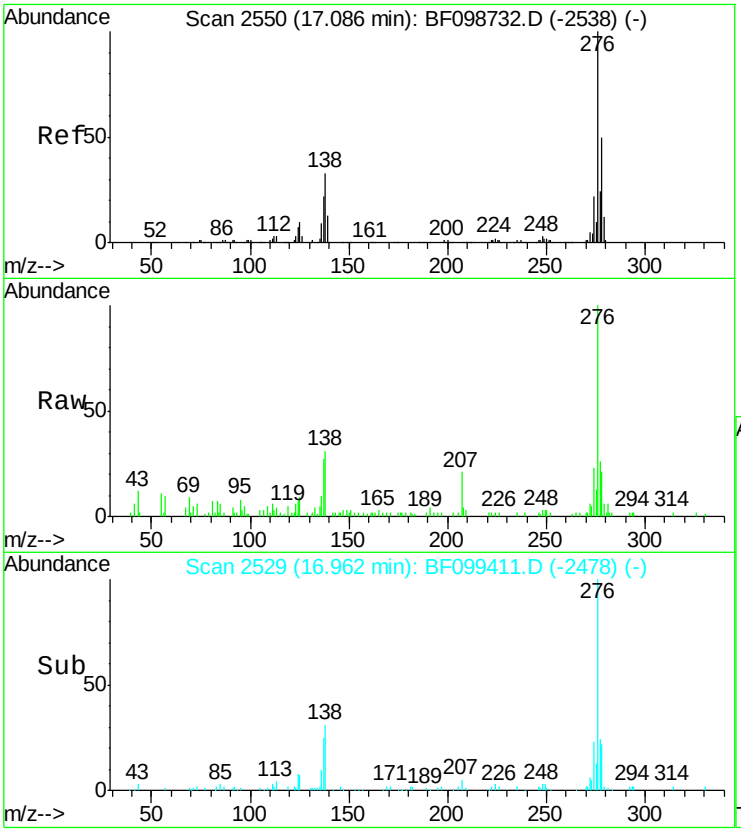


#82
Chrysene
Concen: 4.32 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:228 Resp: 53472

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	23.0	16.2	24.4



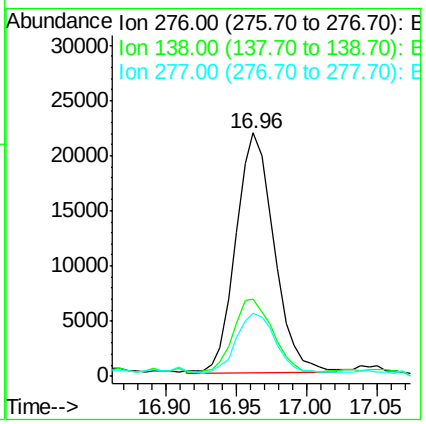


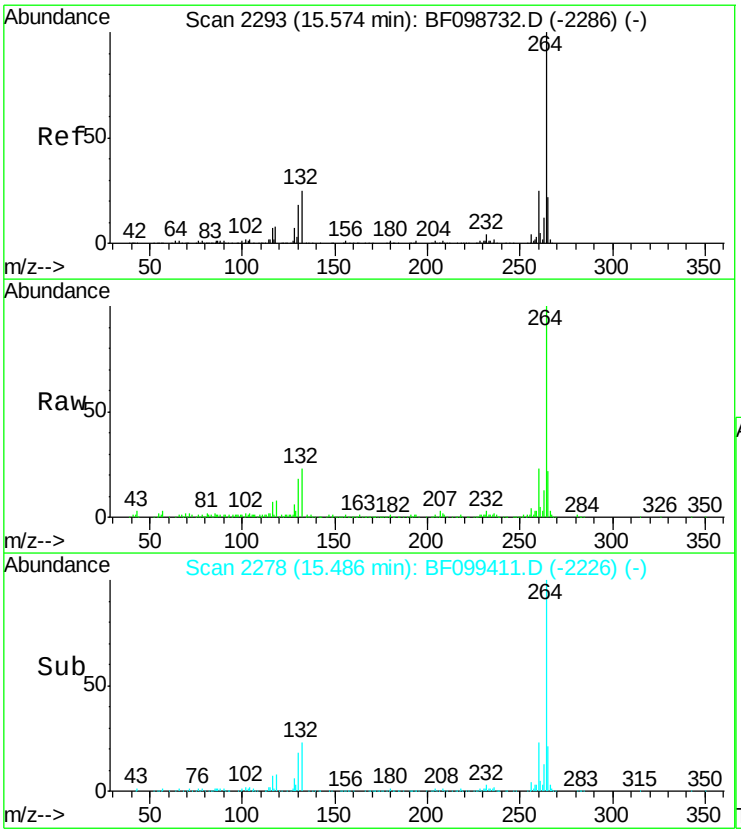
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.18 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 41336

Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.0	37.6
277	26.0	20.1	30.1

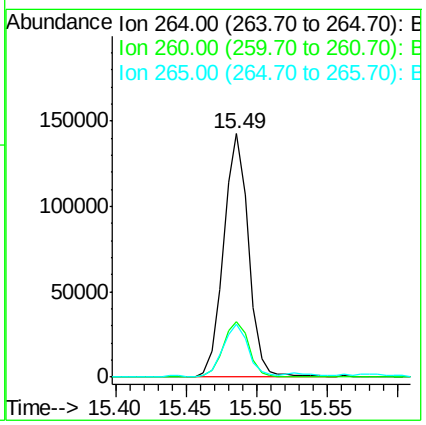


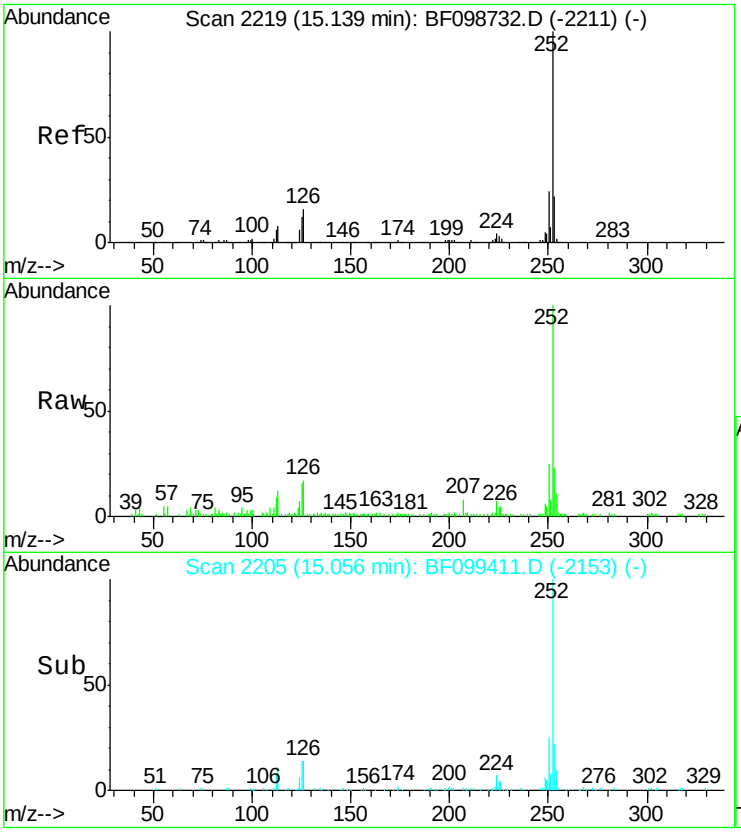


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:264 Resp: 175063

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.6	17.5	26.3



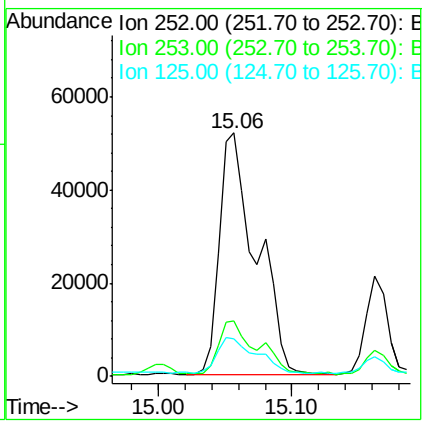


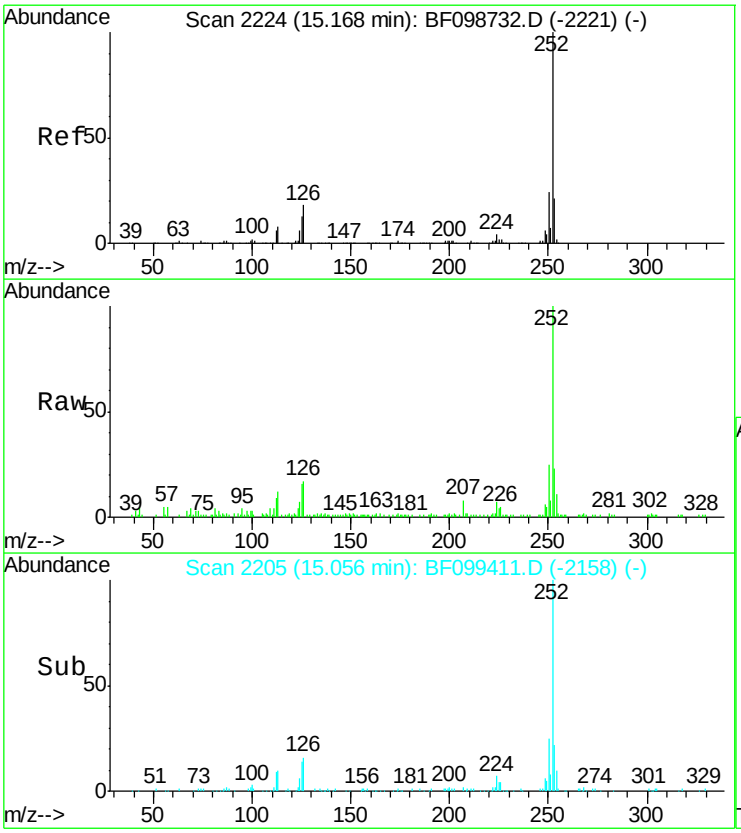
#87
Benzo(b)fluoranthene
Concen: 9.31 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 100172

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	15.6	9.0	13.6#

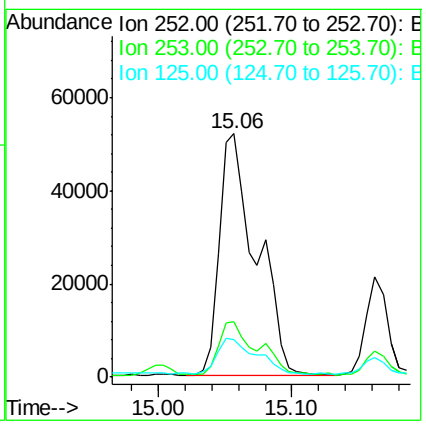


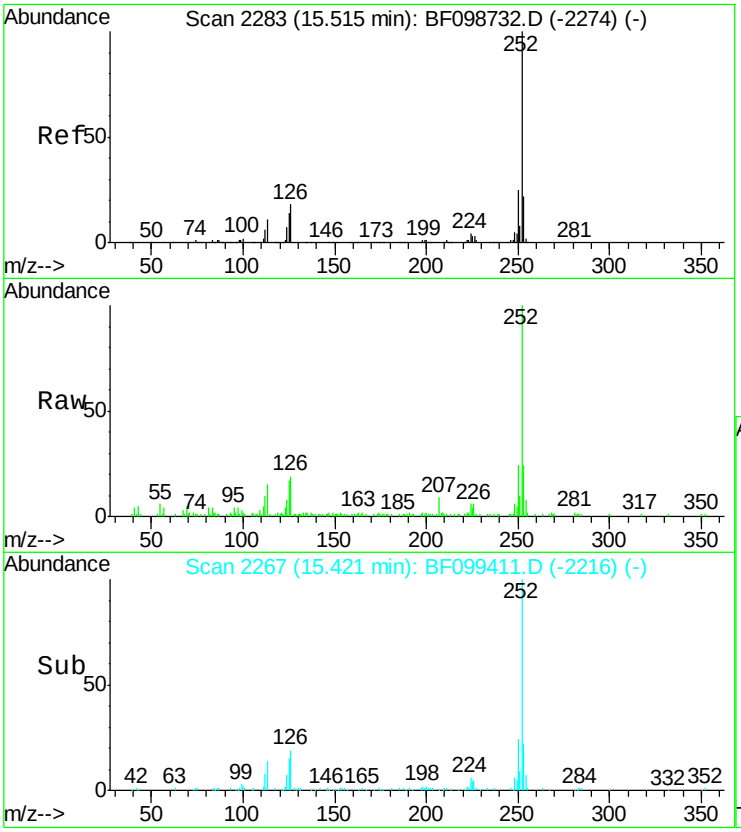


#88
Benzo(k)fluoranthene
Concen: 9.42 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:252 Resp: 100172

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	15.6	10.2	15.2#



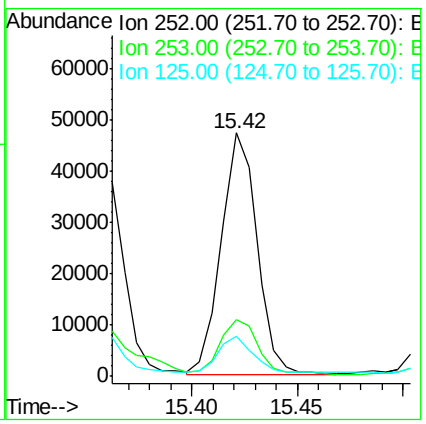


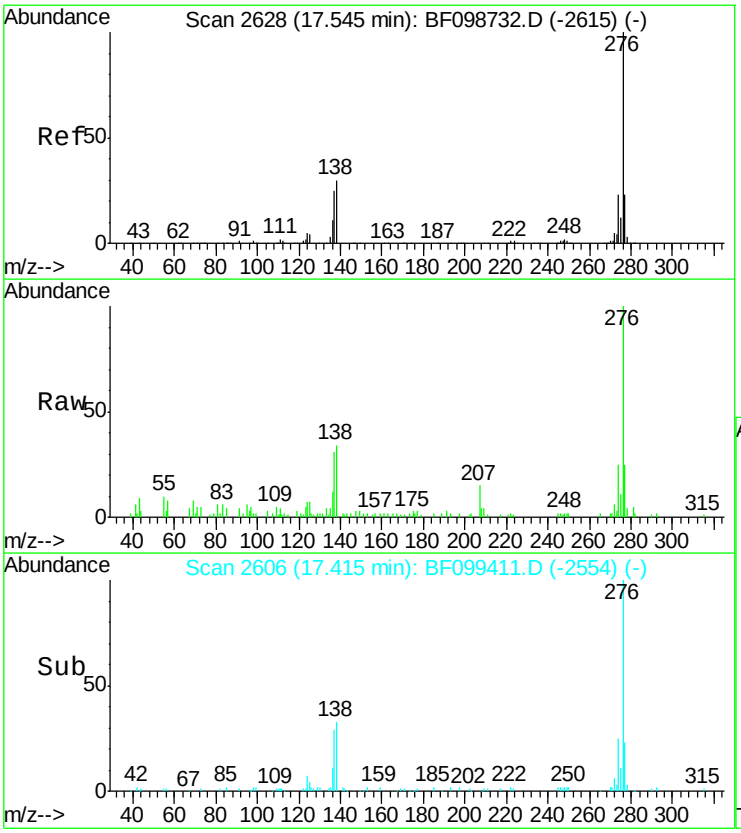
#89
Benzo(a)pyrene
Concen: 5.65 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55816

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	16.6	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 6.11 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion:276 Resp: 47726

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	34.4	21.8	32.8#