Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103117\

Quantitation Report (Not Reviewed)

Data File : BF100020.D
Acq On : 31 Oct 2017 22:42
Operator : SJ/JU
Sample : I6081-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q4-COMP-FILL

Quant Time: Nov 01 08:18:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	95647	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	381531	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	168399	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	281639	20.00	ng		0.00
75) Chrysene-d12	13.97	240	161748	20.00	ng		-0.01
86) Perylene-d12	15.46	264	167429	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	537099	88.16	ng		0.00
7) Phenol-d6	6.43	99	655873	90.79	ng		0.00
23) Nitrobenzene-d5	7.36	82	360417	60.82	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	132061	86.05	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	757367	69.39	ng		0.00
78) Terphenyl-d14	12.90	244	540331	73.00	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	9480	2.20	ng		93
10) Phenol	6.45	94	30166	3.80	ng		88
19) n-Nitroso-di-n-propylamine	7.36	70	44742	10.57	ng	#	71
25) Isophorone	7.36	82	360417	33.52	ng	#	64
49) Dimethylphthalate	9.54	163	67652	5.07	ng		99
50) 2,6-Dinitrotoluene	9.82	165	21612	7.71	ng	#	24
56) 2,4-Dinitrotoluene	9.82	165	21612	6.40	ng	#	21
62) Azobenzene	10.54	77	23556	2.16	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	8283	2.79	ng	#	1
70) Phenanthrene	11.34	178	36114	2.27	ng		98
74) Fluoranthene	12.54	202	49984	3.03	ng		98
77) Pyrene	12.77	202	44025	3.58	ng		99
87) Benzo(b)fluoranthene	15.04	252	28387	2.69	ng	#	94
88) Benzo(k)fluoranthene	15.04	252	28387	2.85	ng	#	95

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

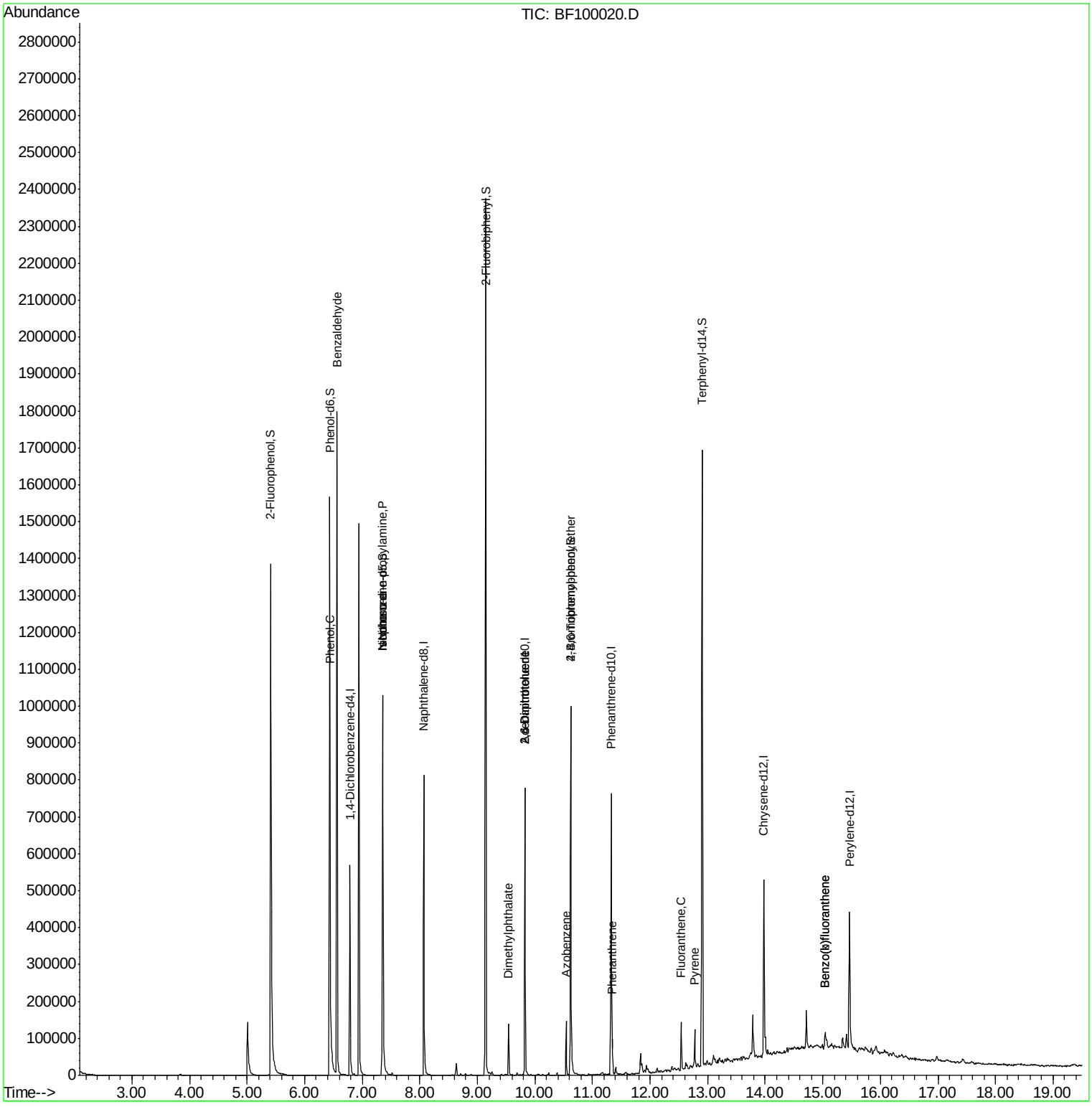
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103117\

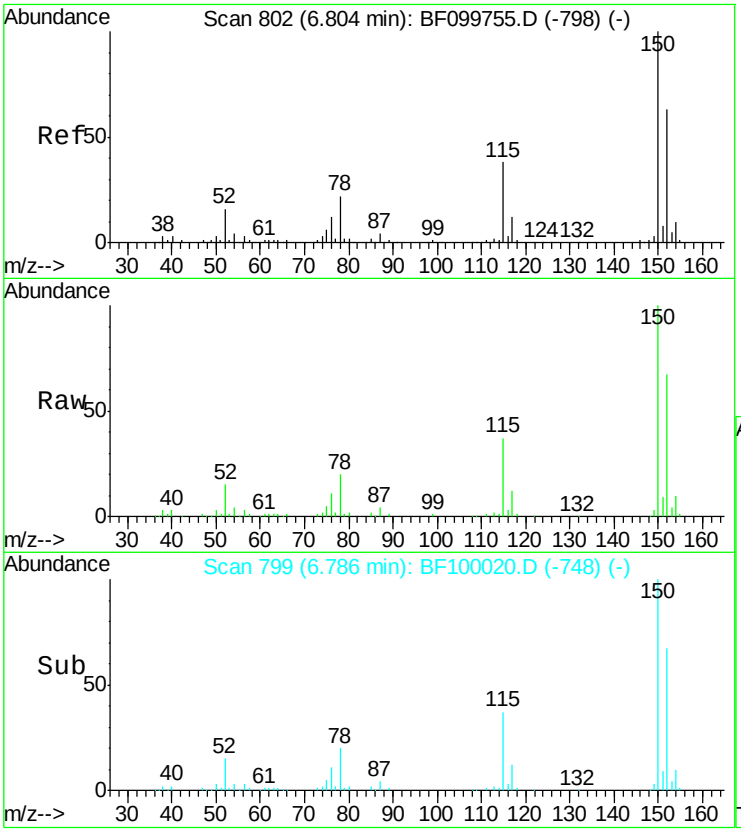
Quantitation Report (Not Reviewed)

Data File : BF100020.D
Acq On : 31 Oct 2017 22:42
Operator : SJ/JU
Sample : I6081-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q4-COMP-FILL

Quant Time: Nov 01 08:18:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration



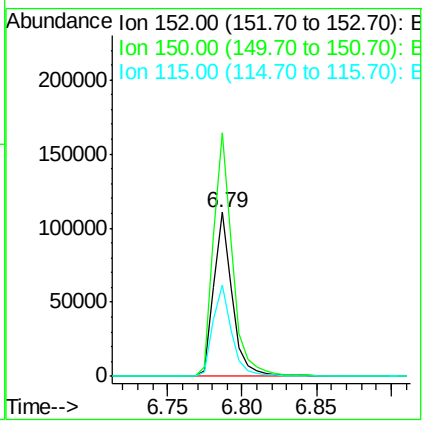


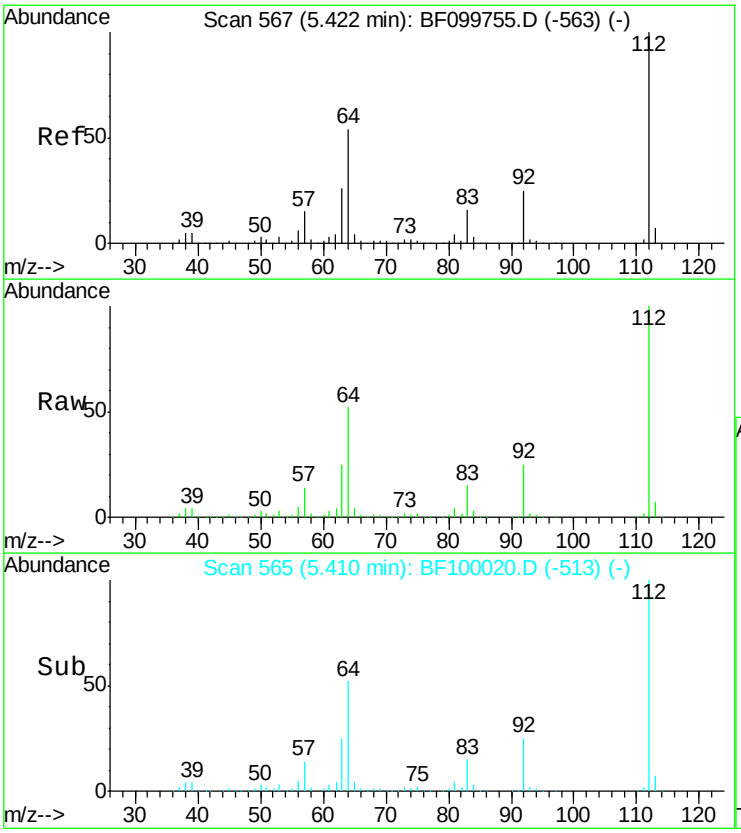
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:152 Resp: 95647

Ion	Ratio	Lower	Upper
152	100		
150	148.8	124.6	186.8
115	55.6	50.1	75.1

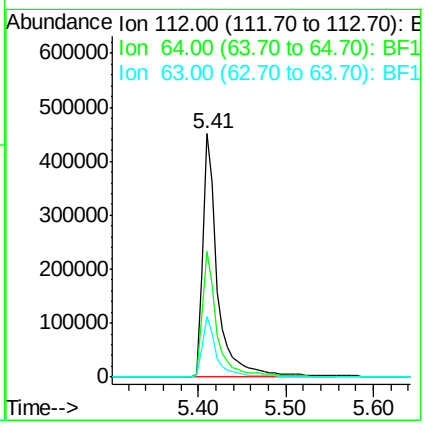


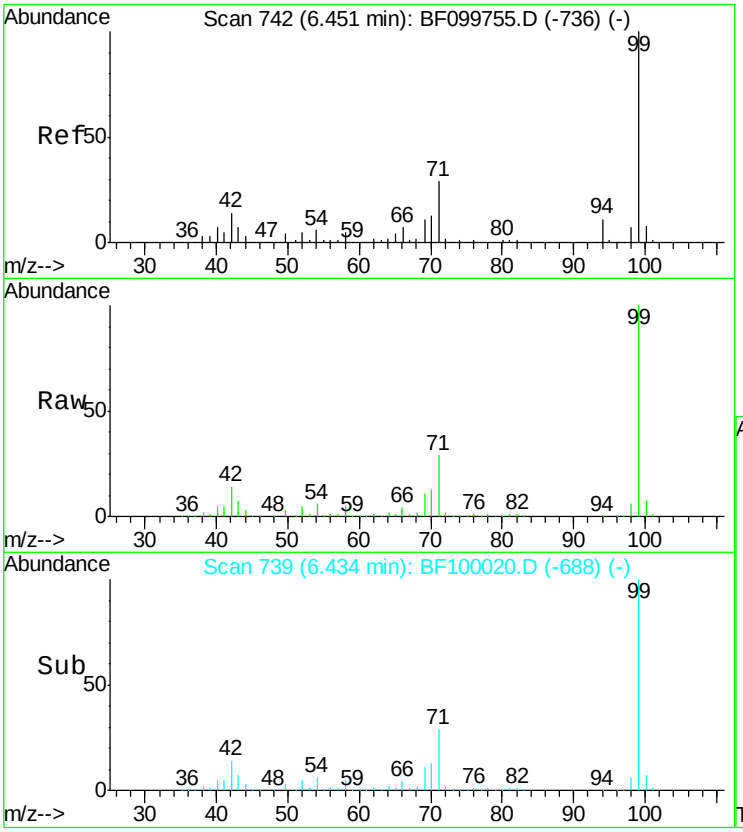


#5
2-Fluorophenol
Concen: 88.16 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:112 Resp: 537099

Ion	Ratio	Lower	Upper
112	100		
64	51.9	47.9	71.9
63	25.0	23.7	35.5



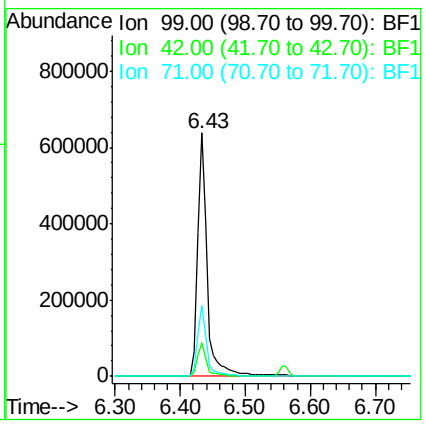


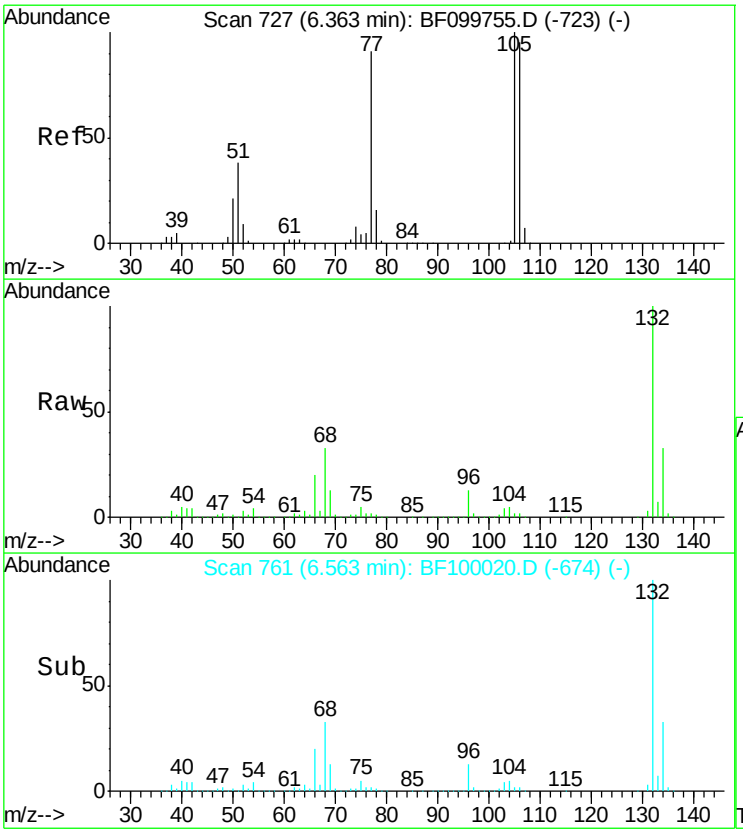
#7
Phenol-d6
Concen: 90.79 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion: 99 Resp: 655873

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.8	25.4	38.0

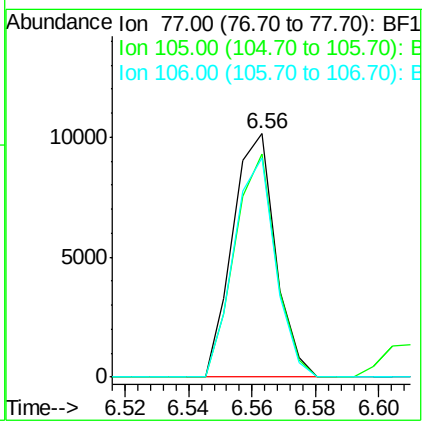


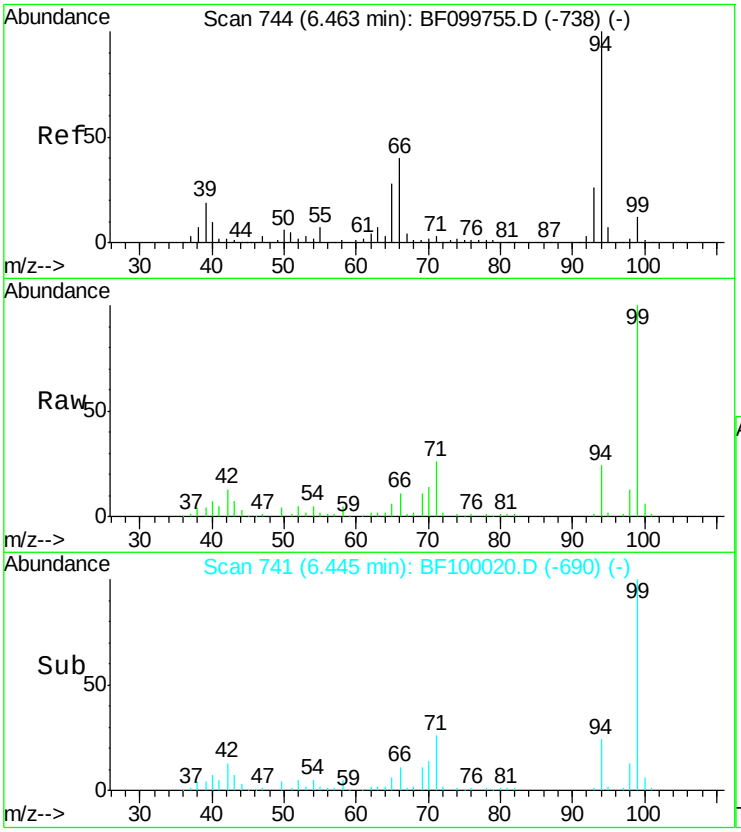


#9
Benzaldehyde
Concen: 2.20 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.21 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion: 77 Resp: 9480

Ion	Ratio	Lower	Upper
77	100		
105	91.7	81.1	121.1
106	90.3	74.5	114.5



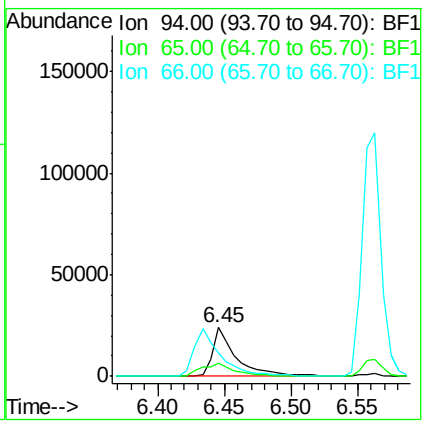


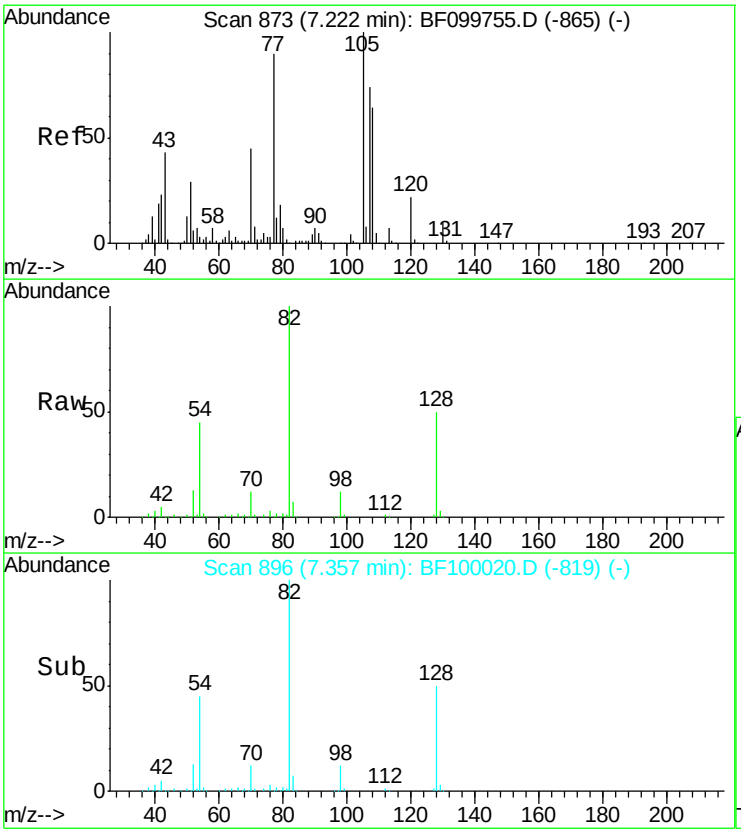
#10
Phenol
Concen: 3.80 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion: 94 Resp: 30166

Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	46.7	16.2	56.2

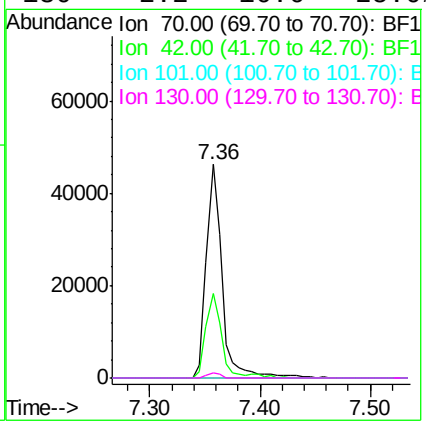


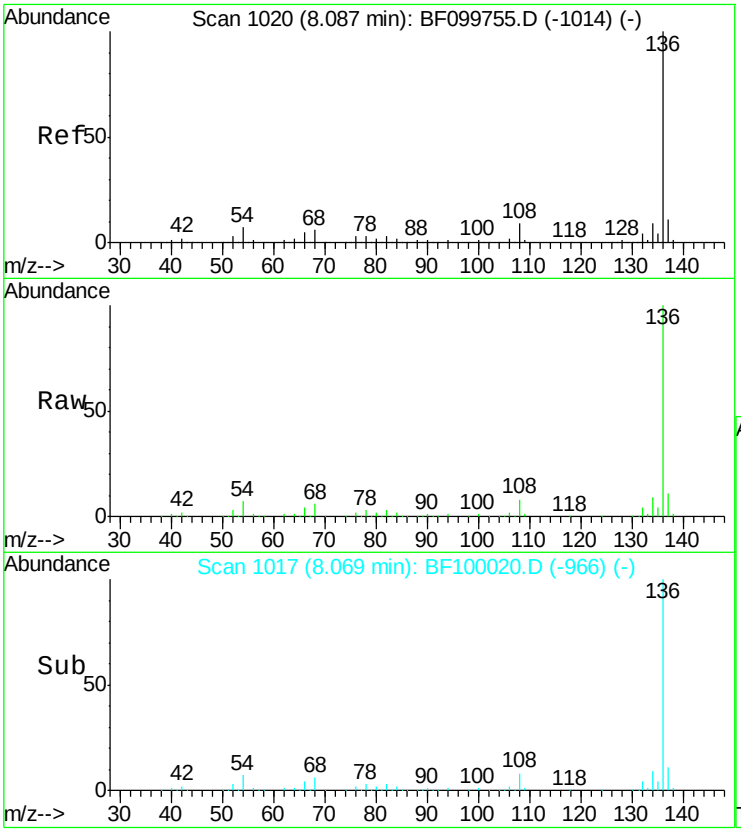


#19
n-Nitroso-di-n-propylamine
Concen: 10.57 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion: 70 Resp: 44742

Ion	Ratio	Lower	Upper
70	100		
42	39.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



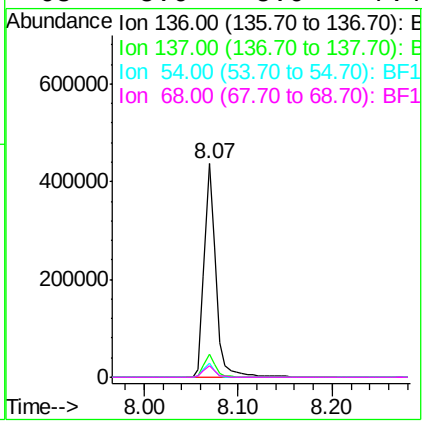


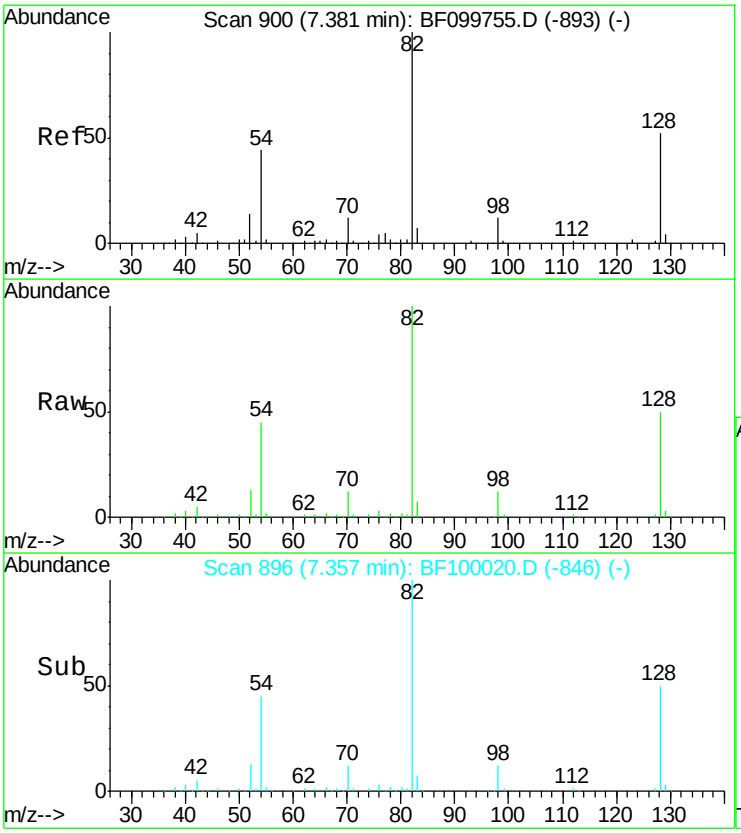
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:136 Resp: 381531

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4

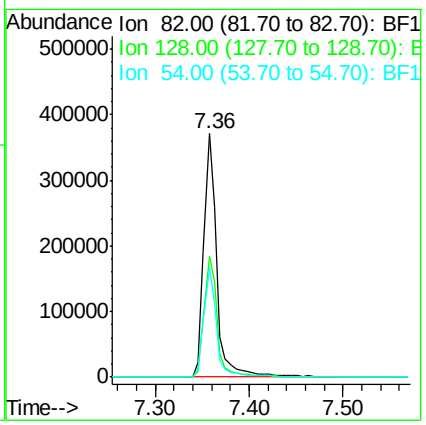


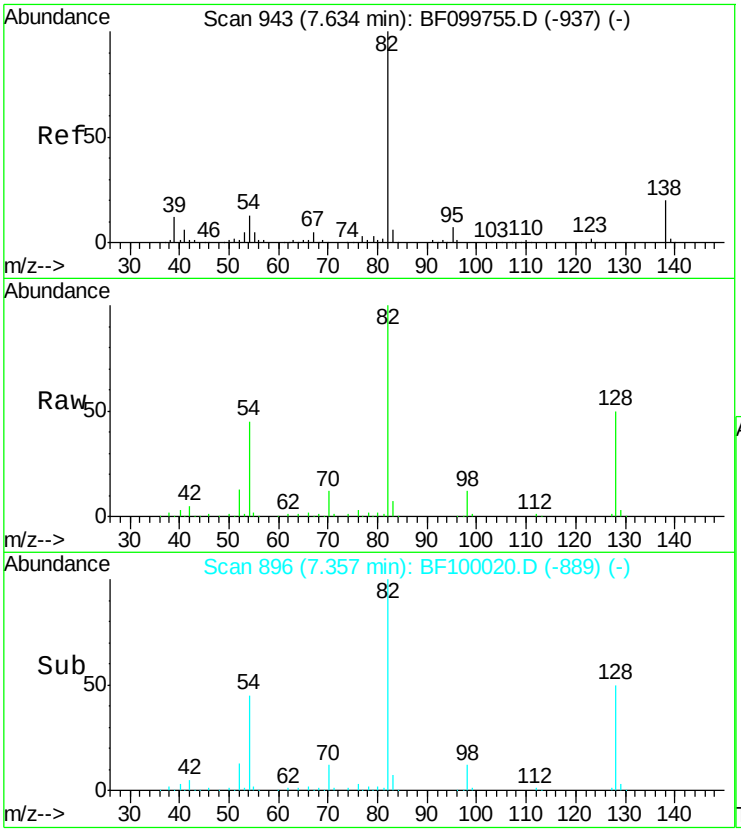


#23
Nitrobenzene-d5
Concen: 60.82 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion: 82 Resp: 360417

Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	45.0	41.4	62.2



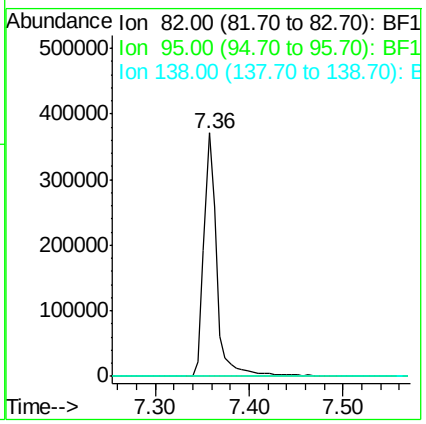


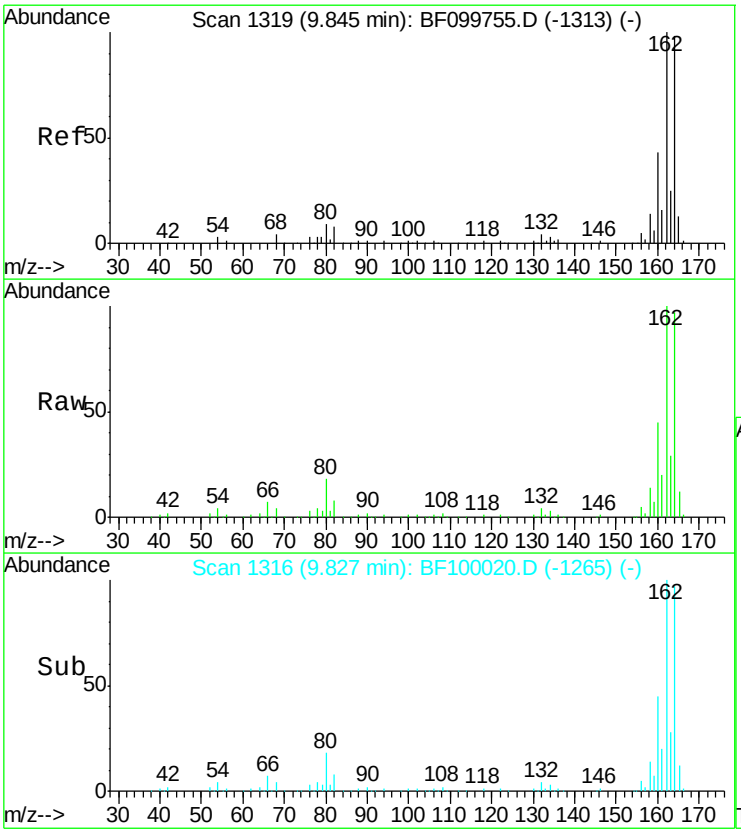
#25
Isophorone
Concen: 33.52 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion: 82 Resp: 360417

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

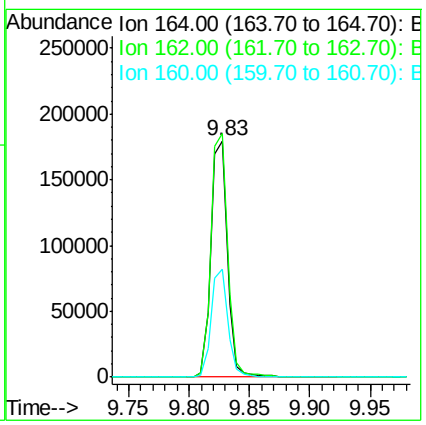


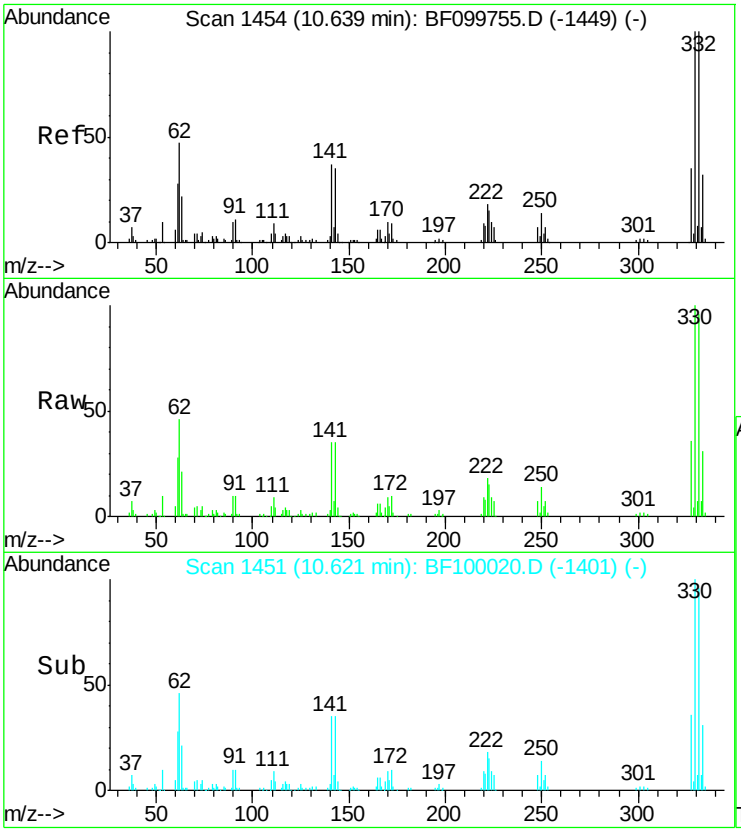


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:164 Resp: 168399

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.9	38.3	57.5



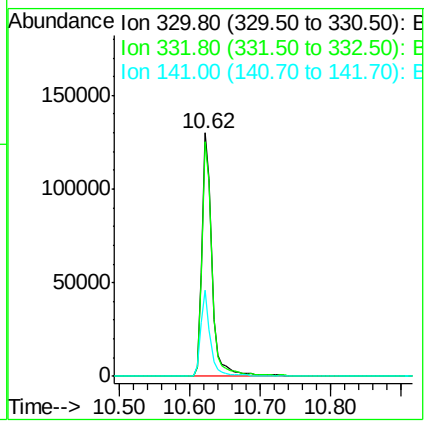


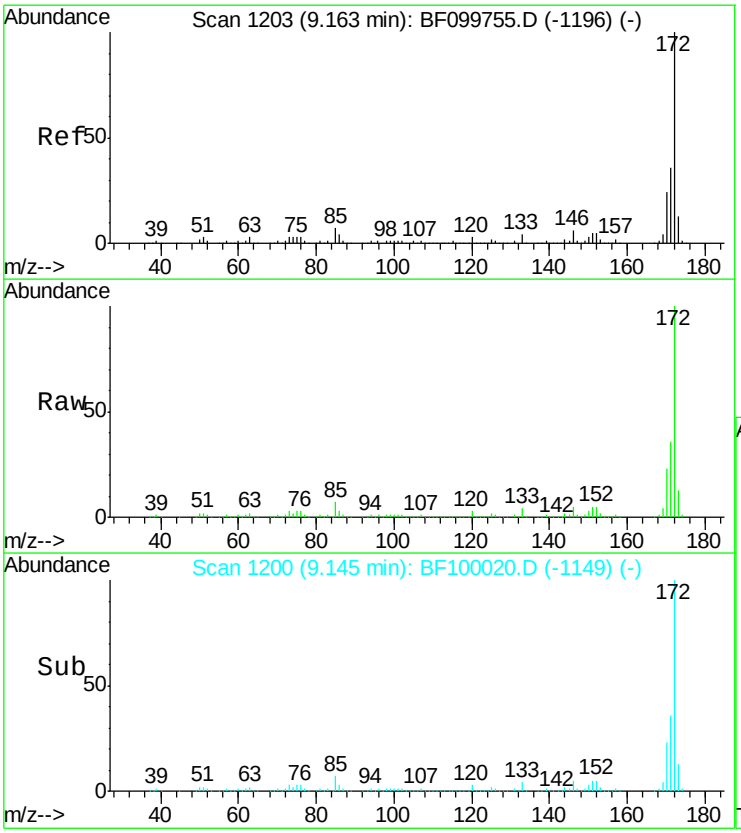
#41
2,4,6-Tribromophenol
Concen: 86.05 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:330 Resp: 132061

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	33.6	29.9	44.9

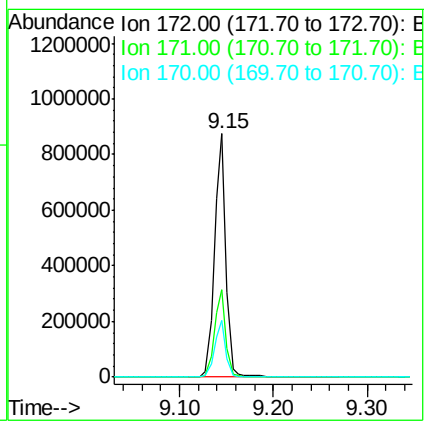


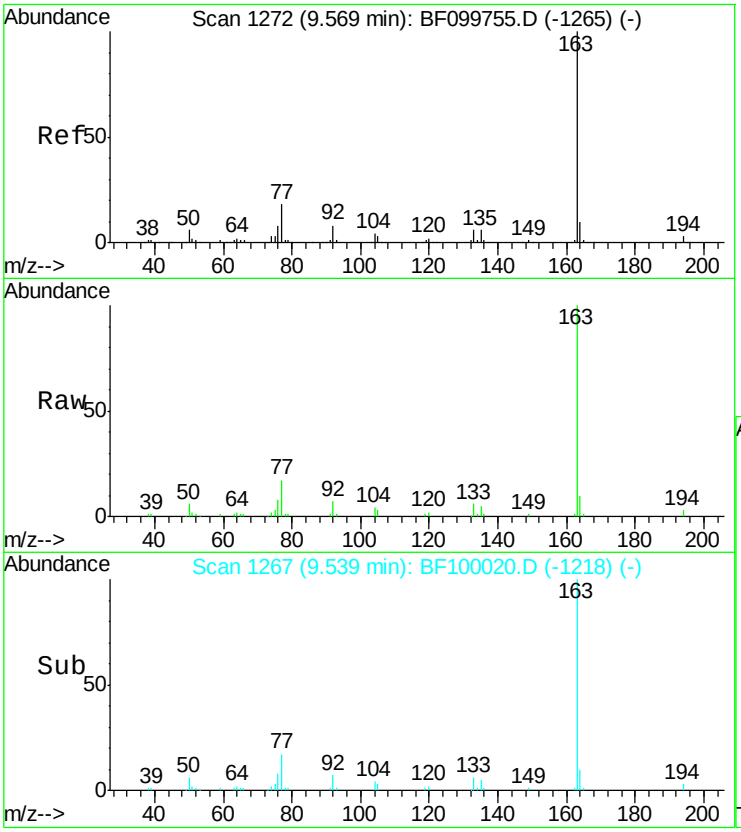


#44
2-Fluorobiphenyl
Concen: 69.39 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:172 Resp: 757367

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.4	19.6	29.4



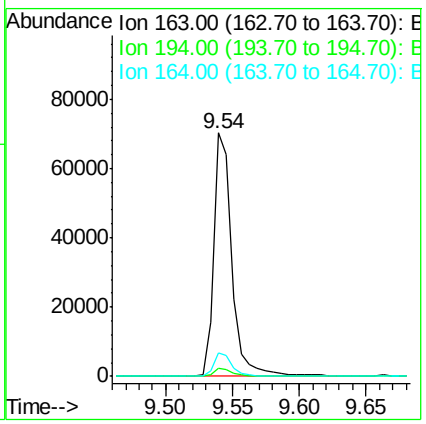


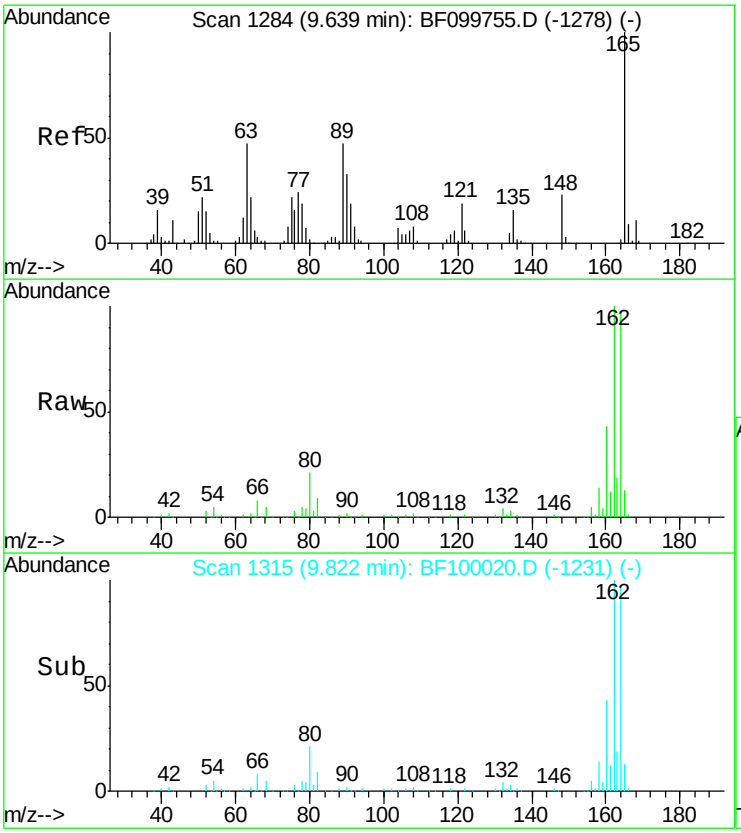
#49
Dimethylphthalate
Concen: 5.07 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:163 Resp: 67652

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2

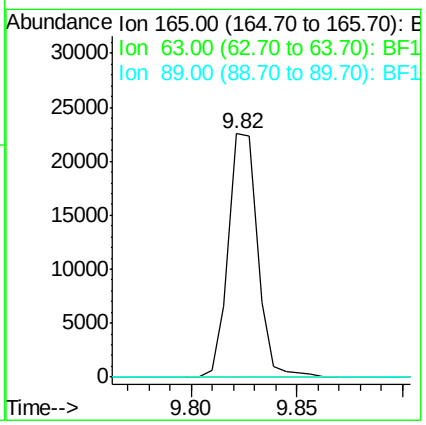


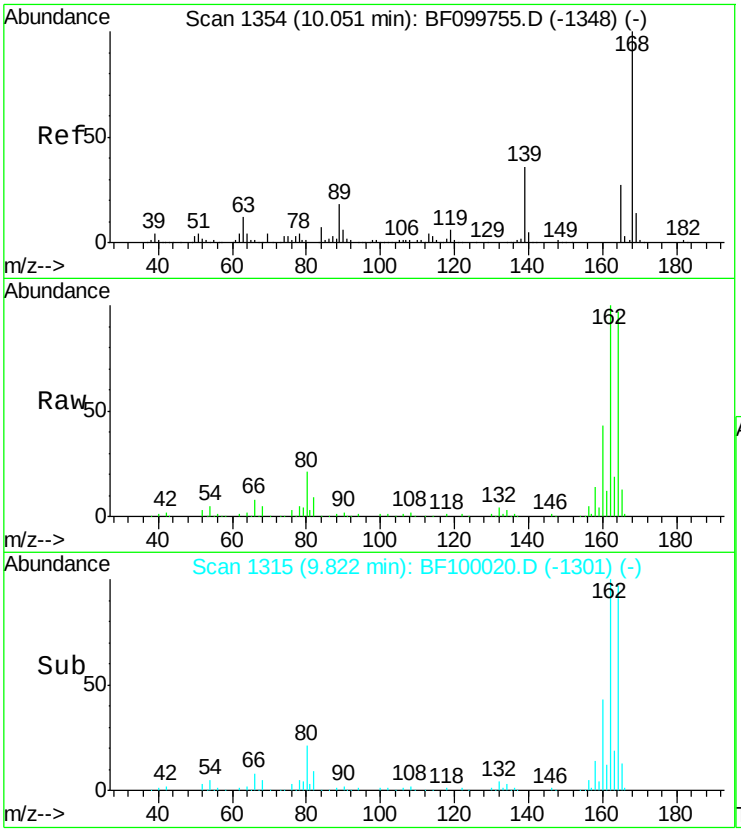


#50
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:165 Resp: 21612

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



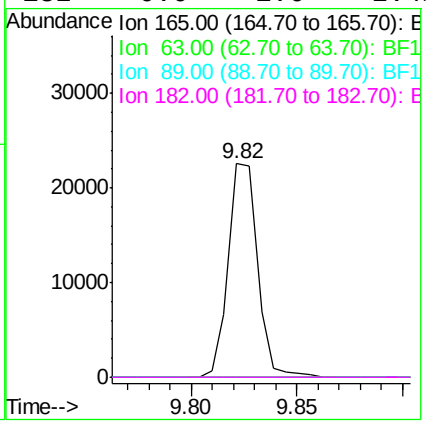


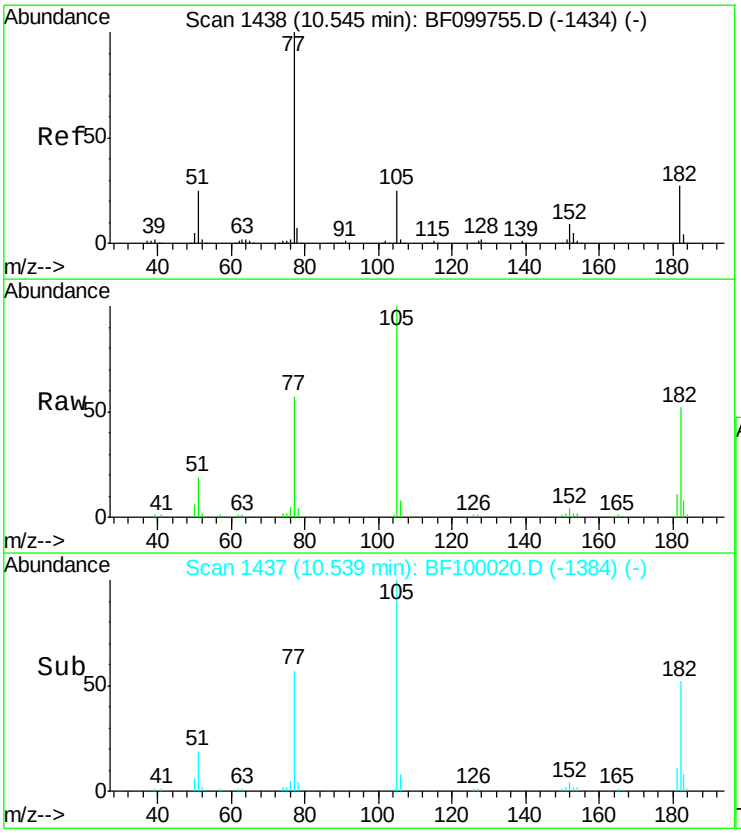
#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:165 Resp: 21612

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

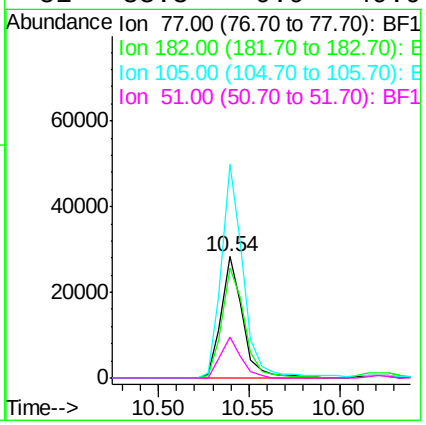


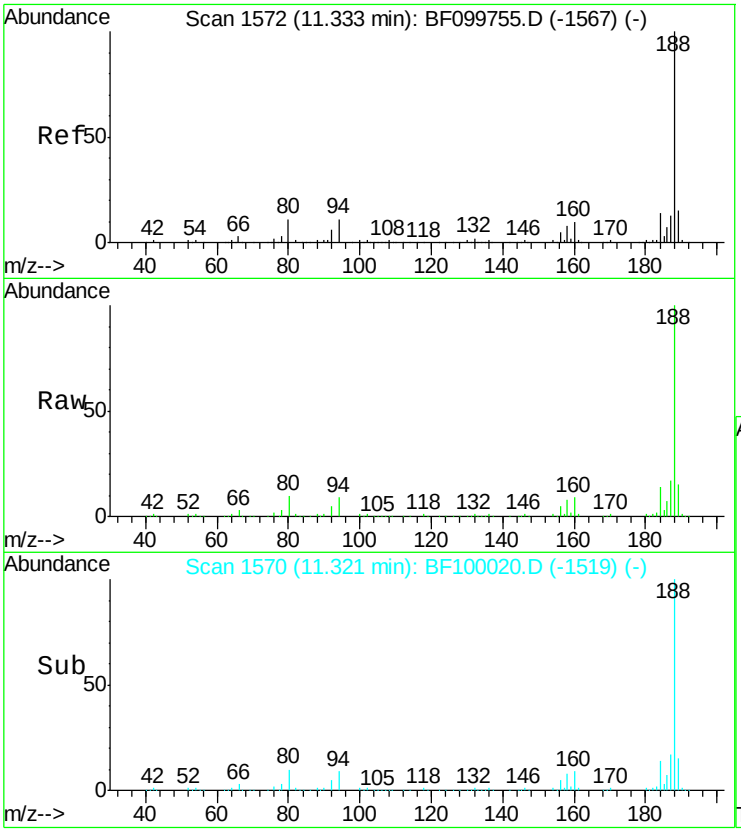


#62
Azobenzene
Concen: 2.16 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion: 77 Resp: 23556

Ion	Ratio	Lower	Upper
77	100		
182	90.8	1.7	41.7#
105	175.7	3.0	43.0#
51	33.3	9.9	49.9



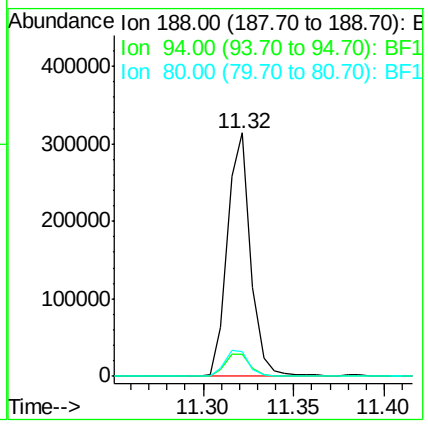


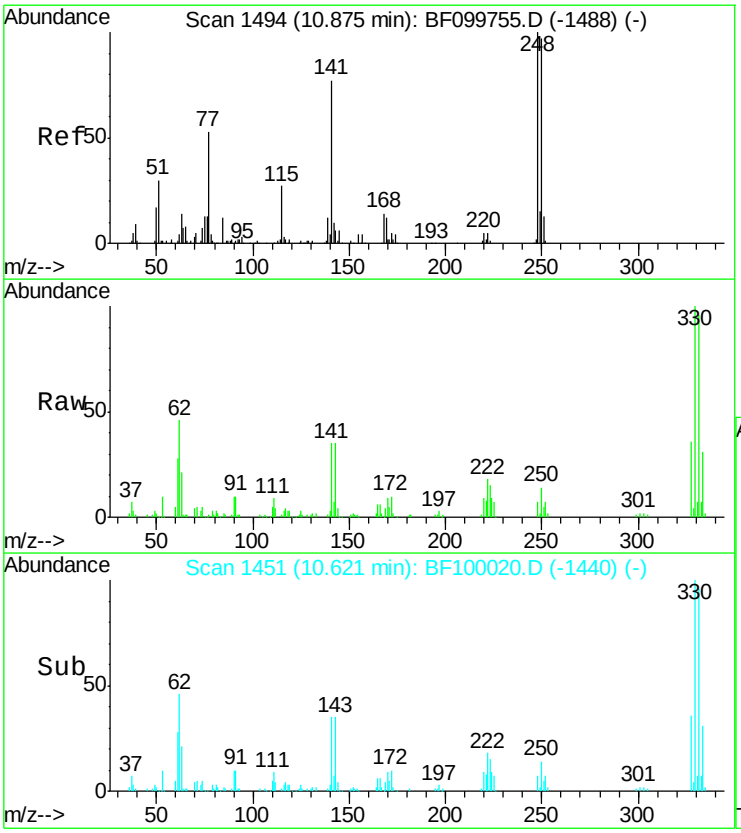
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:188 Resp: 281639

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8

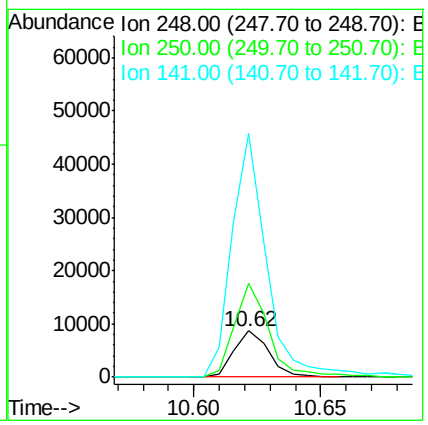


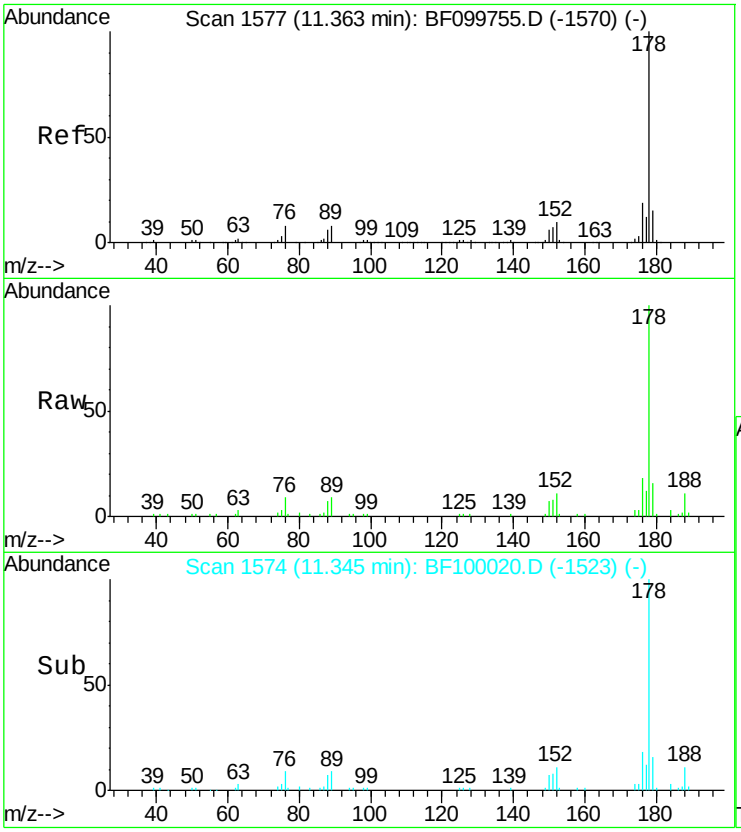


#66
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:248 Resp: 8283

Ion	Ratio	Lower	Upper
248	100		
250	201.5	76.9	115.3#
141	524.0	74.4	111.6#



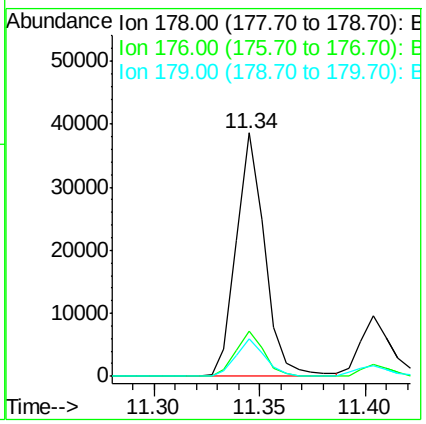


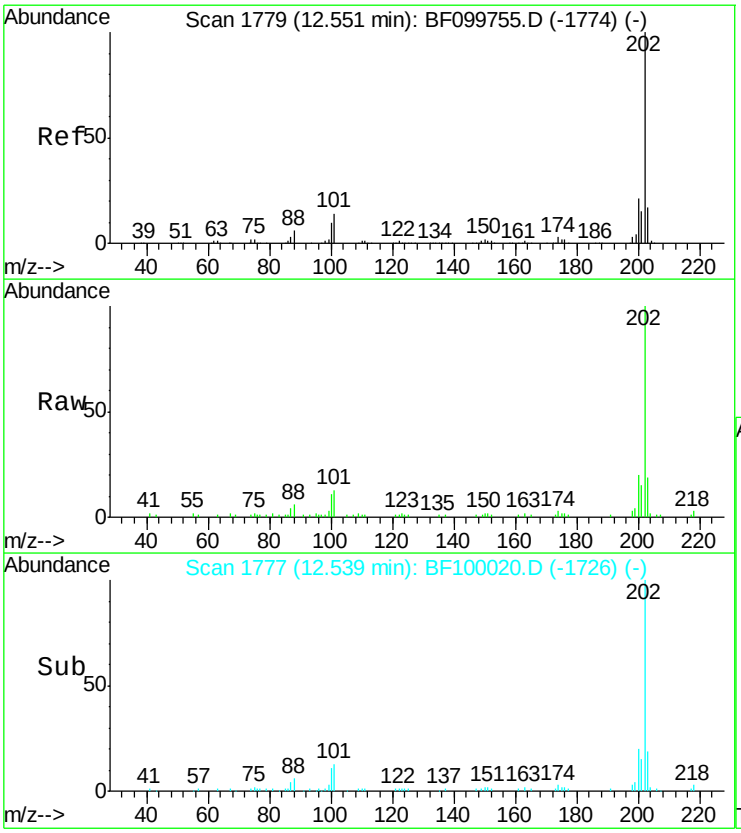
#70
Phenanthrene
Concen: 2.27 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:178 Resp: 36114

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.6	13.0	19.6

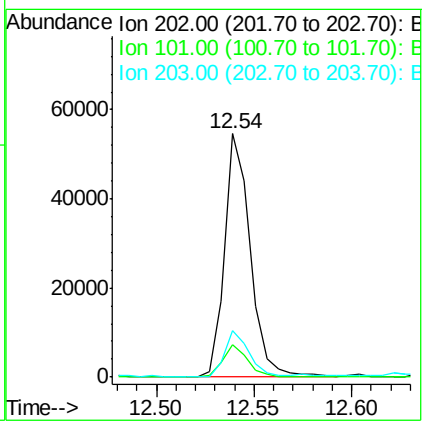


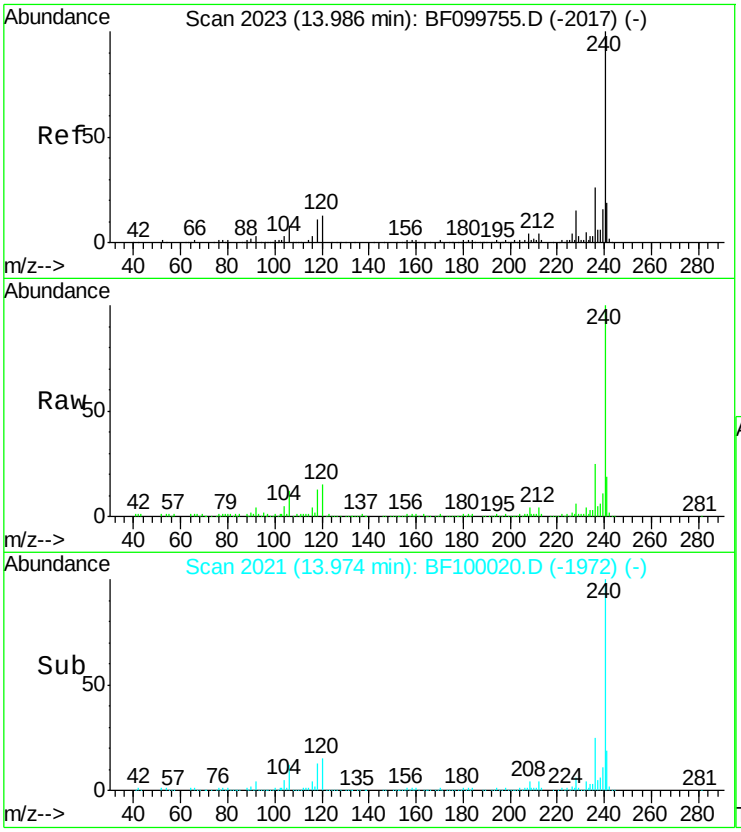


#74
Fluoranthene
Concen: 3.03 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:202 Resp: 49984

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	19.2	0.0	38.1



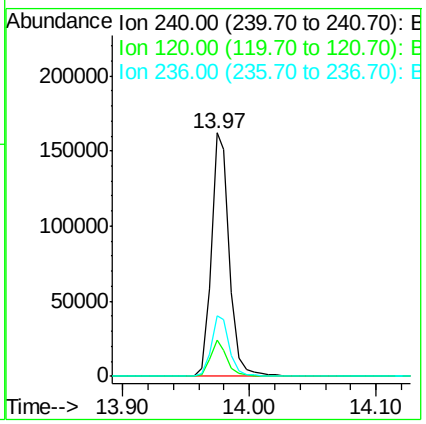


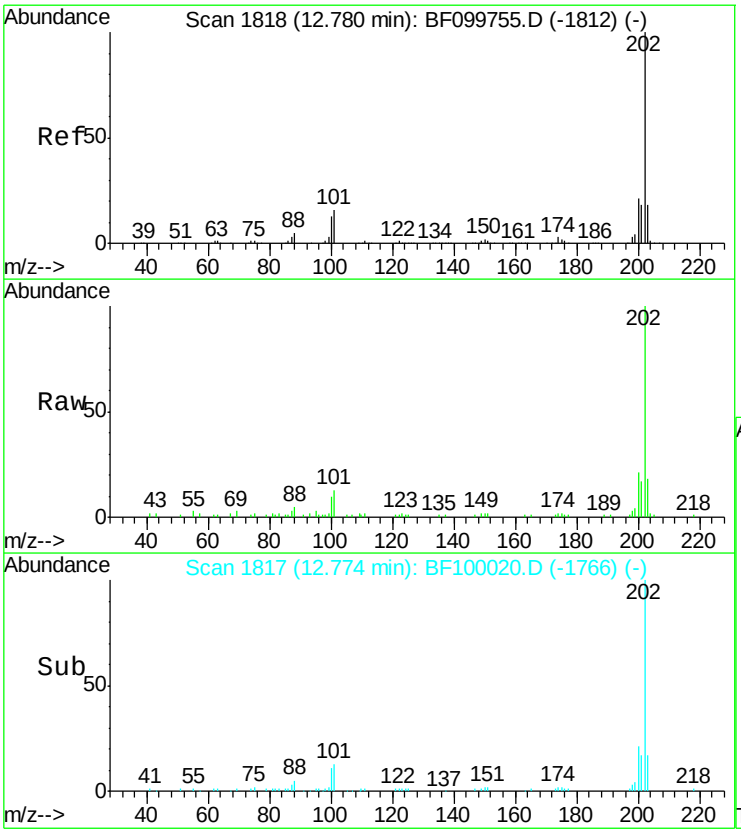
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:240 Resp: 161748

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	25.0	20.7	31.1

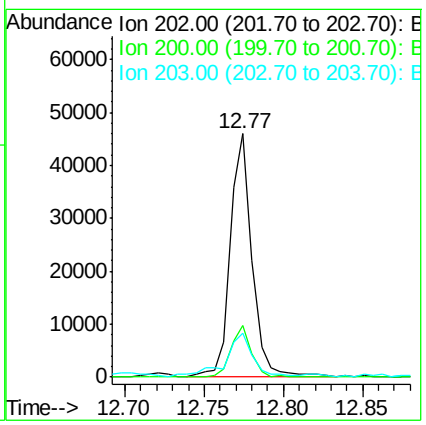


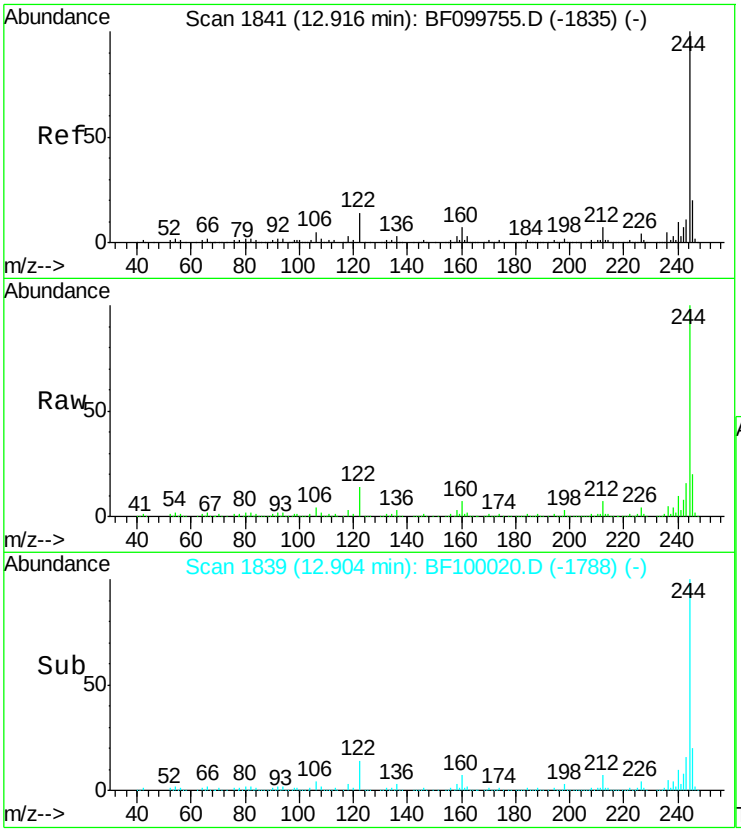


#77
Pyrene
Concen: 3.58 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:202 Resp: 44025

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.2	14.3	21.5



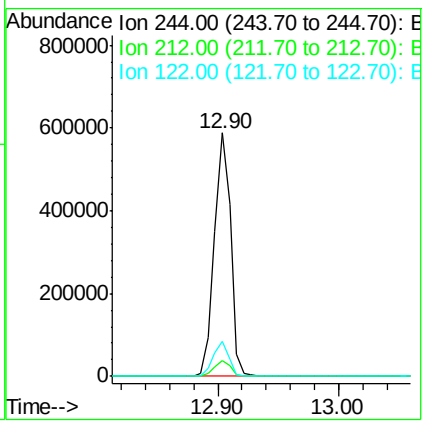


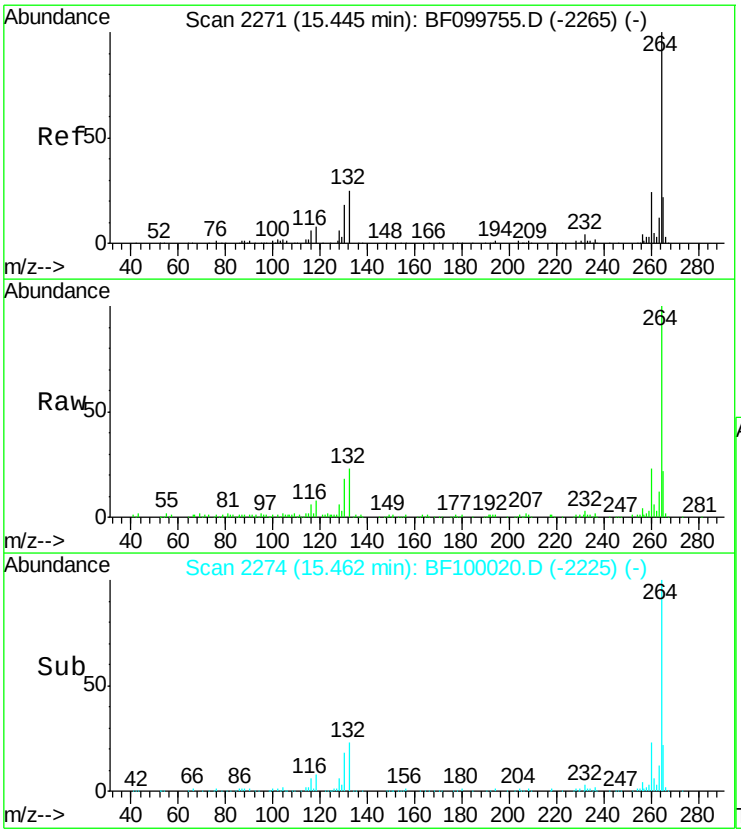
#78
Terphenyl-d14
Concen: 73.00 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:244 Resp: 540331

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.3	11.0	16.4

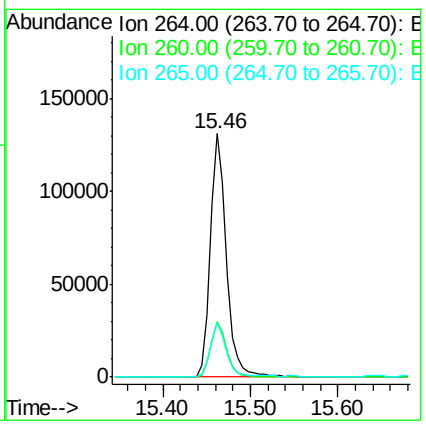


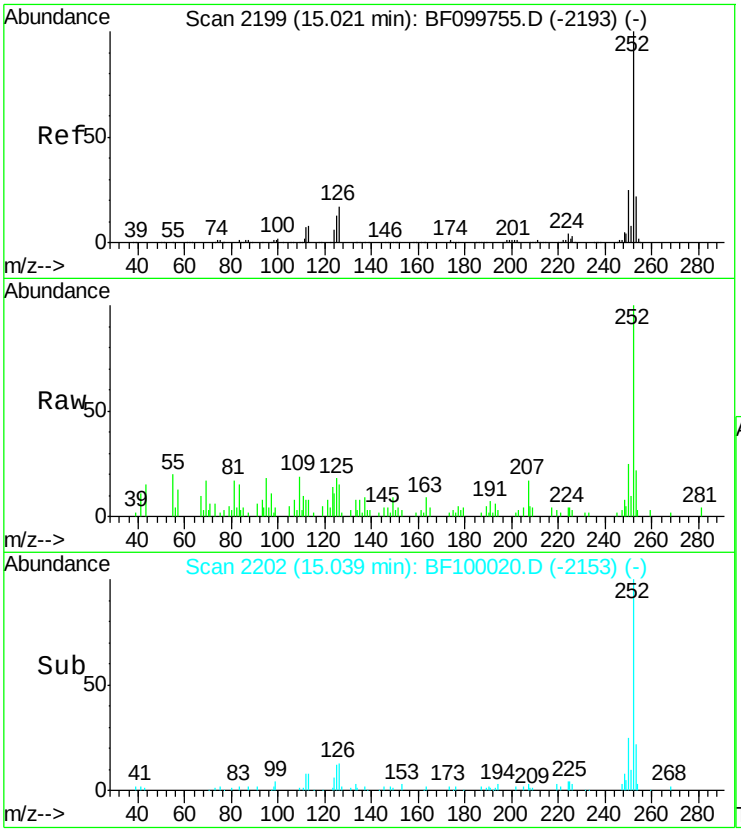


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:264 Resp: 167429

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.4	17.5	26.3



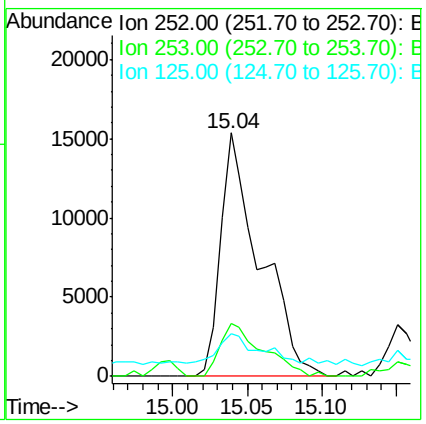


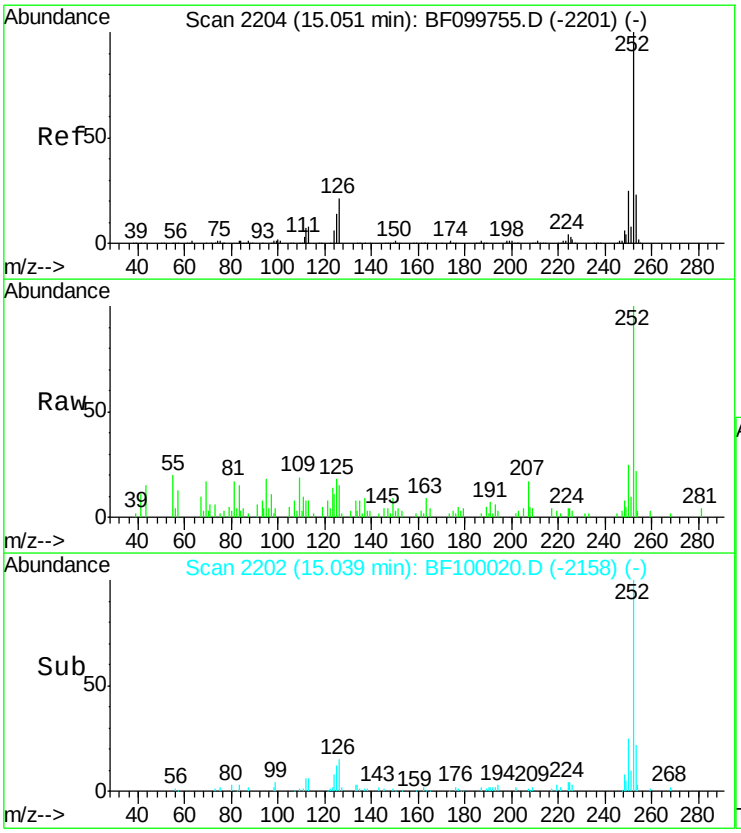
#87
Benzo(b)fluoranthene
Concen: 2.69 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-FILL

Tgt Ion:252 Resp: 28387

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	17.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.85 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF100020.D
Acq: 31 Oct 2017 22:42

Tgt Ion:252 Resp: 28387

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	17.6	10.2	15.2#