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

Quantitation Report (Not Reviewed)

Data File : BF100030.D
Acq On : 1 Nov 2017 6:28
Operator : SJ/JU
Sample : I6201-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Nov 01 08:43:51 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	87459	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	362658	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	168361	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	290407	20.00	ng		0.00
75) Chrysene-d12	13.98	240	170079	20.00	ng		0.00
86) Perylene-d12	15.48	264	152381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	508816	91.34	ng		0.00
7) Phenol-d6	6.43	99	616118	93.28	ng		0.00
23) Nitrobenzene-d5	7.36	82	337780	59.96	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	130264	84.90	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	704048	64.52	ng		0.00
78) Terphenyl-d14	12.90	244	536549	68.94	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	8951	2.27	ng		86
10) Phenol	6.45	94	34772	4.79	ng		90
19) n-Nitroso-di-n-propylamine	7.36	70	42030	10.86	ng	#	72
25) Isophorone	7.36	82	337780	33.05	ng	#	64
49) Dimethylphthalate	9.54	163	119711	8.98	ng		99
56) 2,4-Dinitrotoluene	9.82	165	21294	6.31	ng	#	21
66) 4-Bromophenyl-phenylether	10.62	248	8118	2.66	ng	#	1
70) Phenanthrene	11.35	178	74962	4.57	ng		97
74) Fluoranthene	12.54	202	118270	6.94	ng		99
77) Pyrene	12.77	202	91388	7.07	ng		98
80) Benzo(a)anthracene	13.97	228	44651	4.14	ng		95
82) Chrysene	14.01	228	37936	3.74	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	23296	2.50	ng		99
87) Benzo(b)fluoranthene	15.06	252	64943	6.75	ng		97
88) Benzo(k)fluoranthene	15.06	252	64943	7.16	ng		99
89) Benzo(a)pyrene	15.43	252	34063	3.94	ng		100
91) Benzo(g,h,i)perylene	17.46	276	22570	3.00	ng		96

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

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

Quantitation Report (Not Reviewed)

Data File : BF100030.D
Acq On : 1 Nov 2017 6:28
Operator : SJ/JU
Sample : I6201-03
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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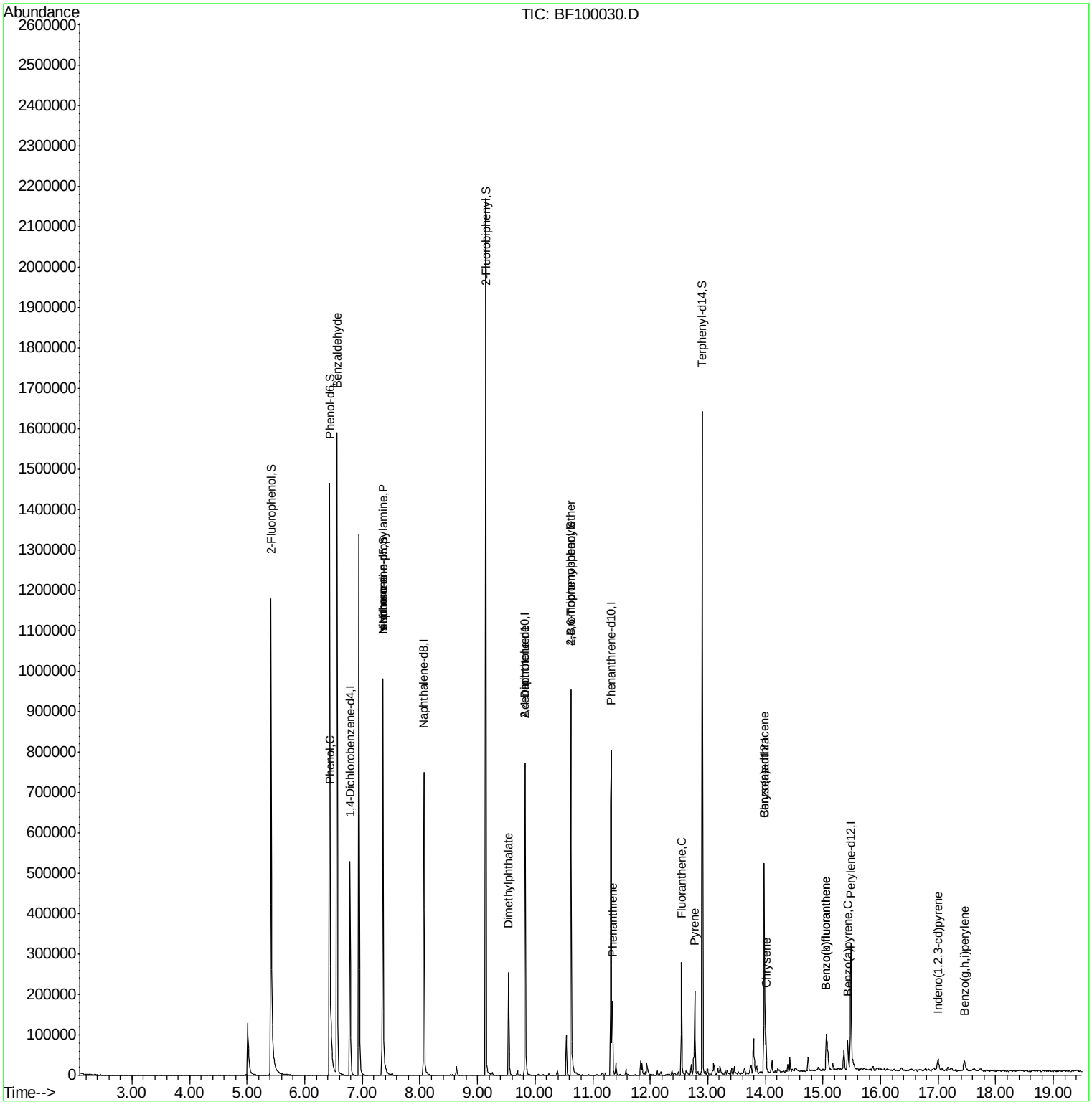
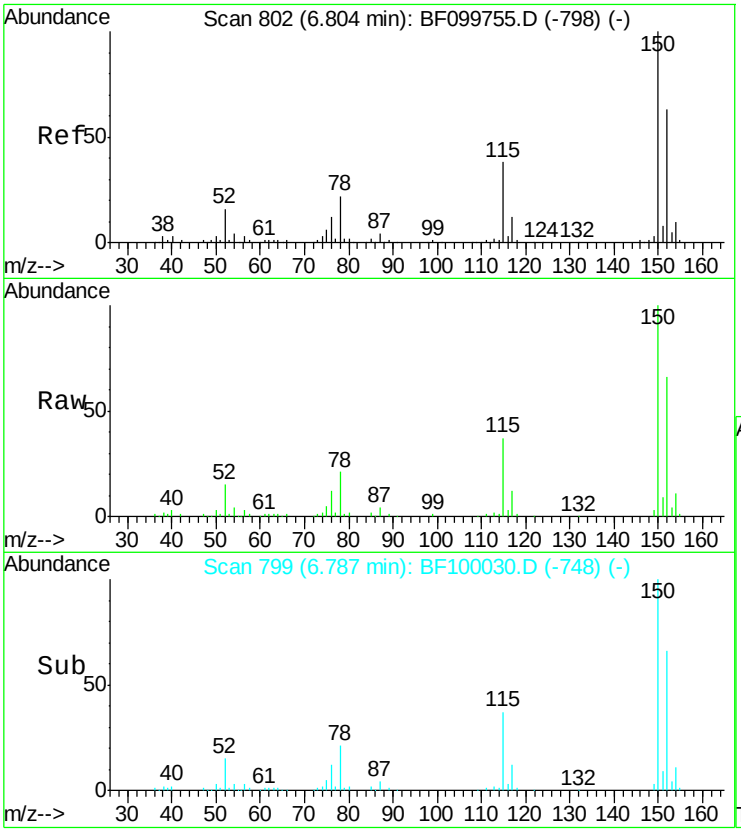


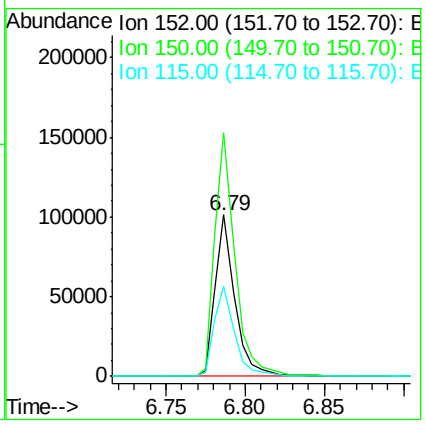


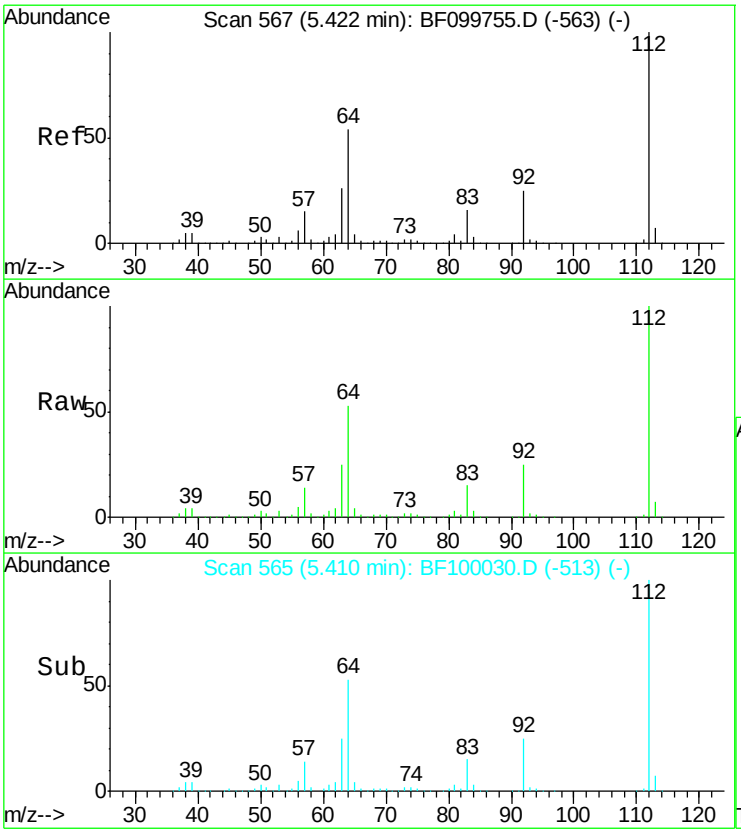
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 87459

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.6	186.8
115	55.8	50.1	75.1

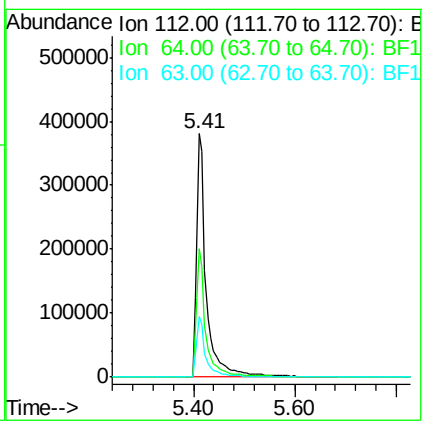


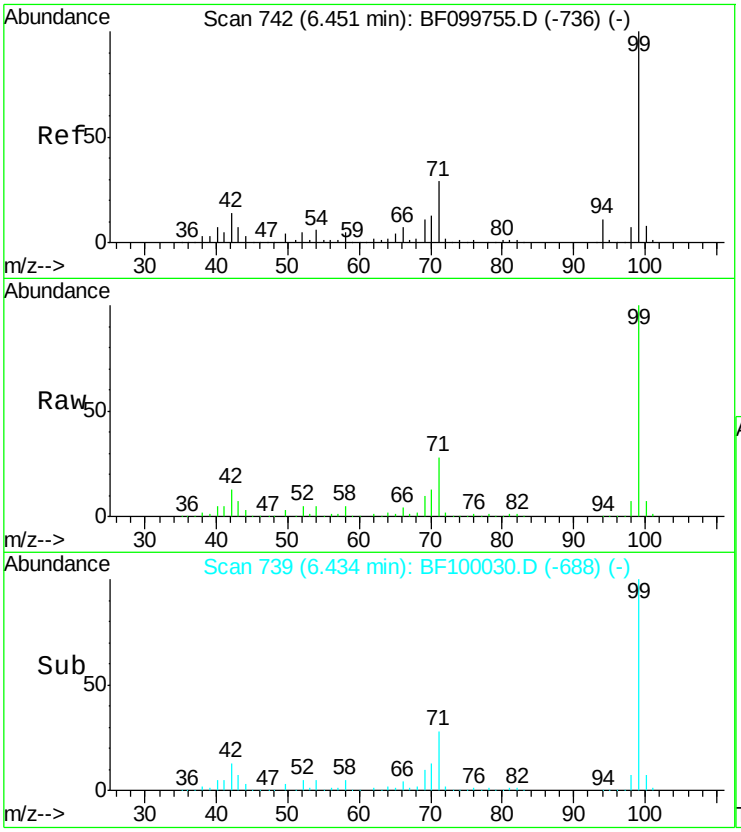


#5
2-Fluorophenol
Concen: 91.34 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:112 Resp: 508816

Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	25.1	23.7	35.5



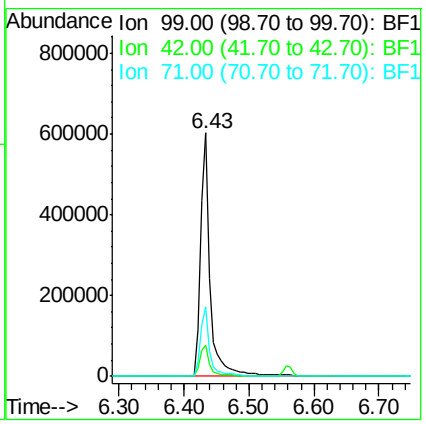


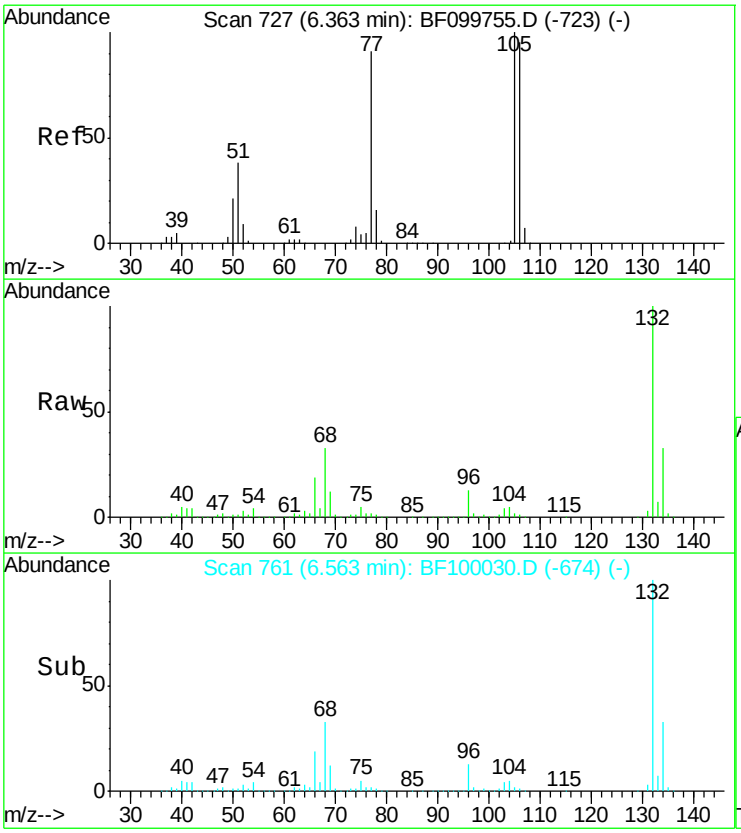
#7
Phenol-d6
Concen: 93.28 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 616118

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.5	21.7#
71	28.3	25.4	38.0

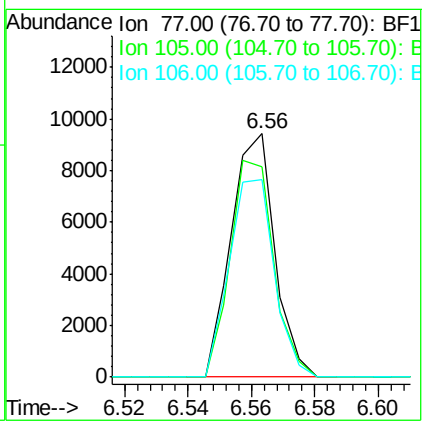


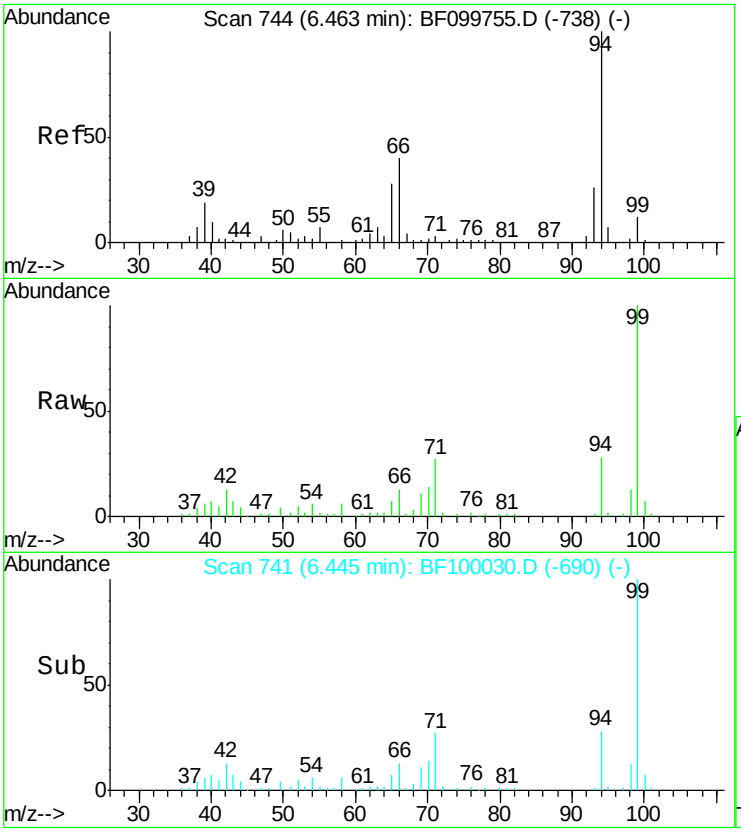


#9
Benzaldehyde
Concen: 2.27 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.21 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion: 77 Resp: 8951

Ion	Ratio	Lower	Upper
77	100		
105	86.2	81.1	121.1
106	81.4	74.5	114.5



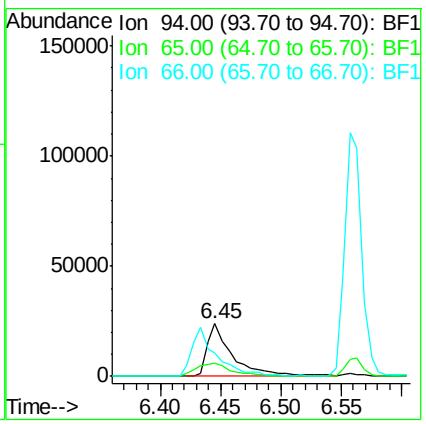


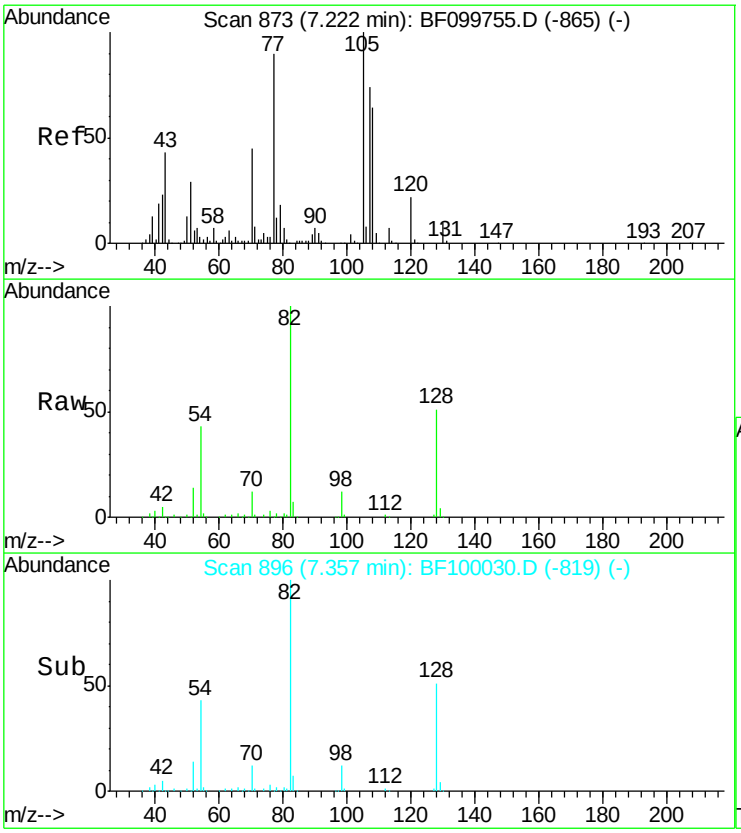
#10
Phenol
Concen: 4.79 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 94 Resp: 34772

Ion	Ratio	Lower	Upper
94	100		
65	25.3	7.9	47.9
66	44.6	16.2	56.2

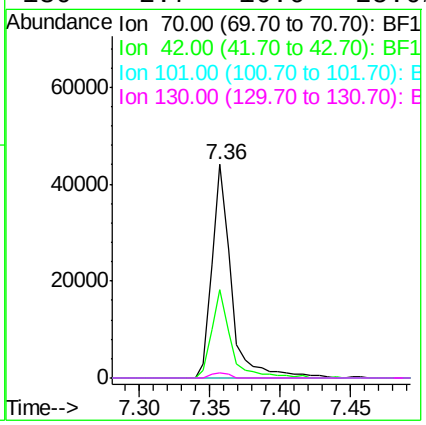


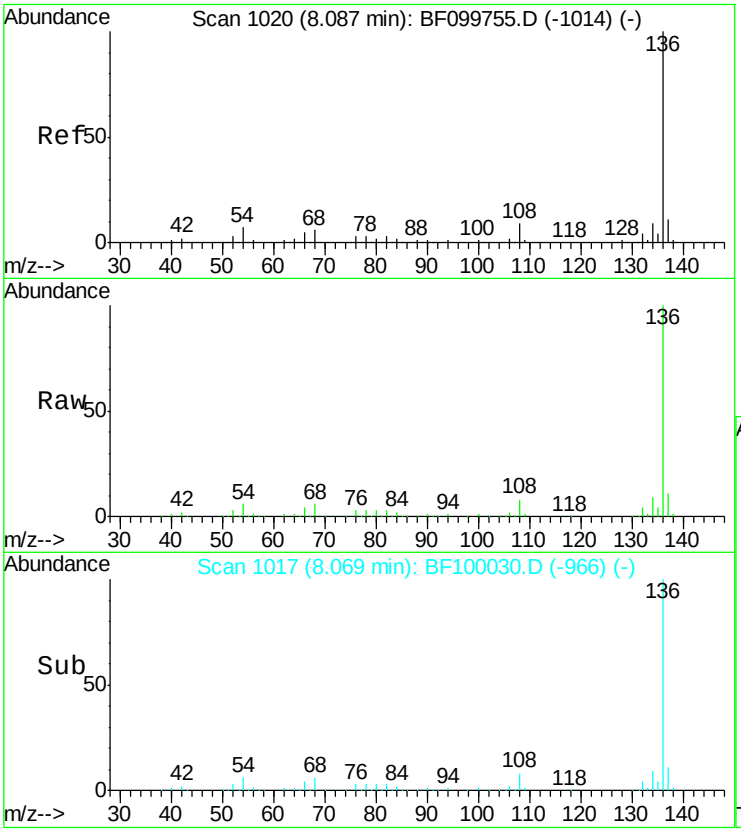


#19
n-Nitroso-di-n-propylamine
Concen: 10.86 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion: 70 Resp: 42030

Ion	Ratio	Lower	Upper
70	100		
42	41.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



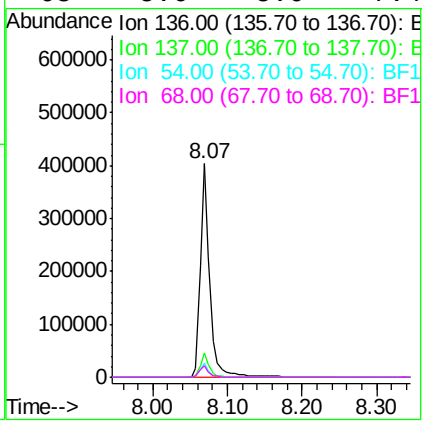


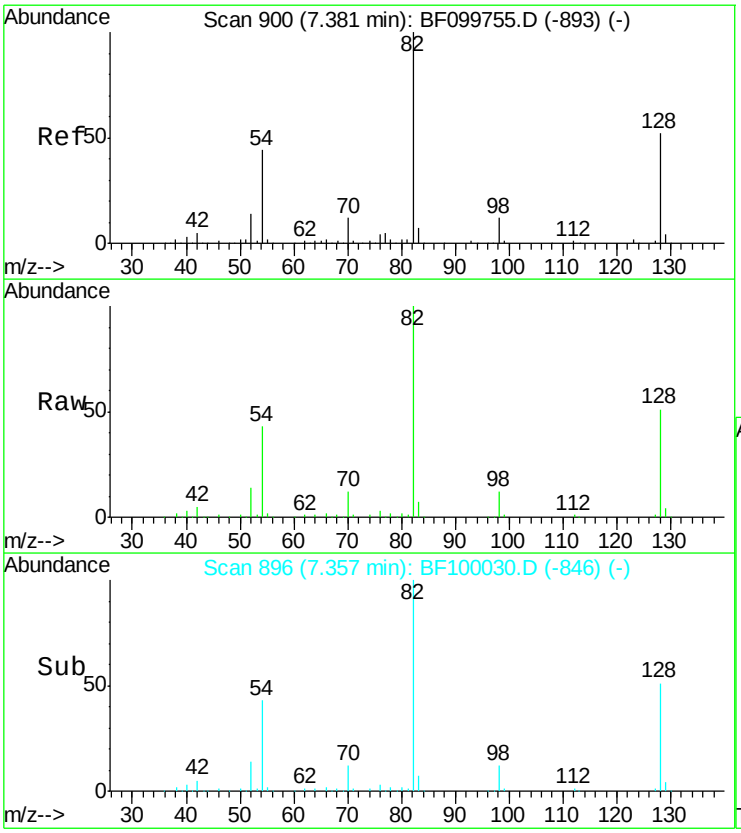
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 362658

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.3	6.6	9.8#
68	5.6	5.0	7.4

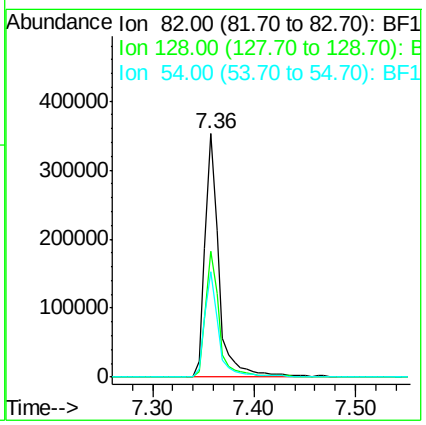


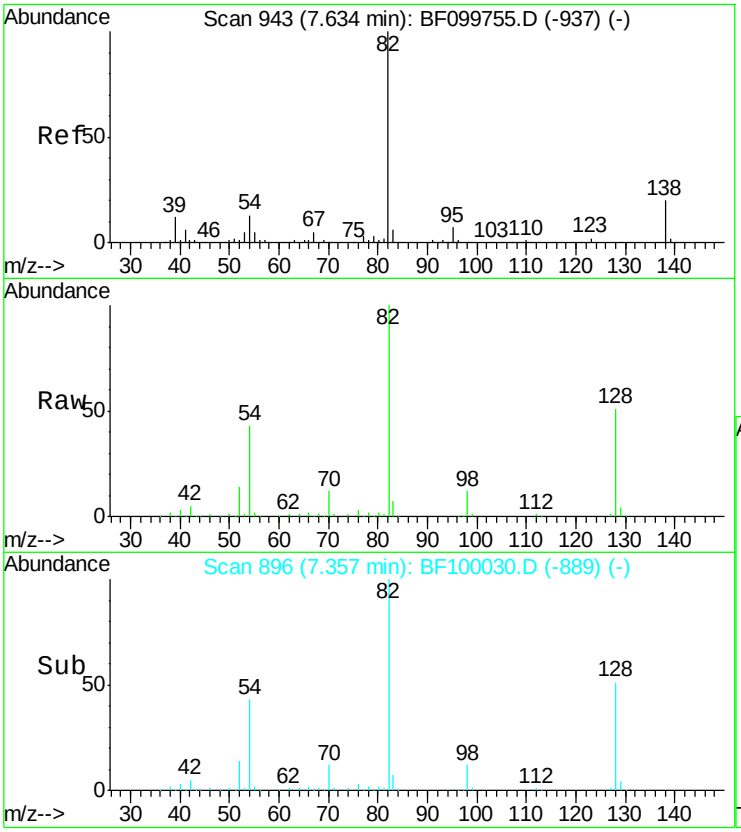


#23
Nitrobenzene-d5
Concen: 59.96 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion: 82 Resp: 337780

Ion	Ratio	Lower	Upper
82	100		
128	51.5	36.1	54.1
54	43.3	41.4	62.2



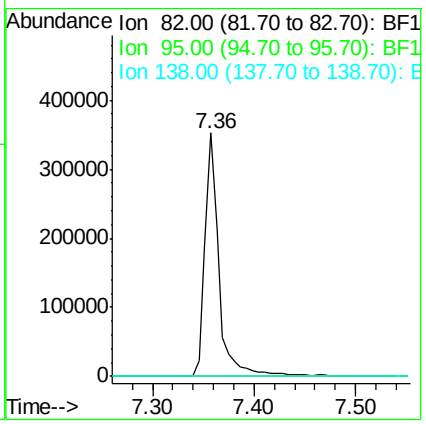


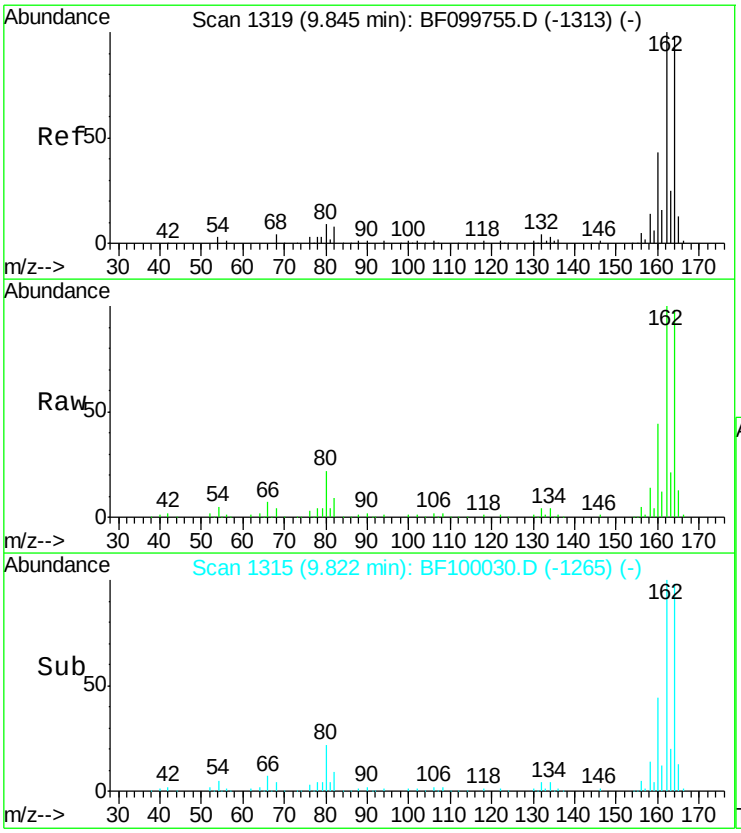
#25
Isophorone
Concen: 33.05 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 337780

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

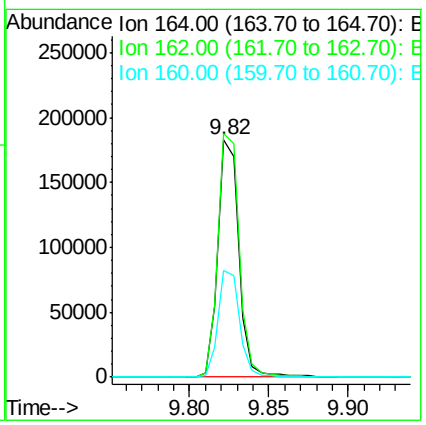


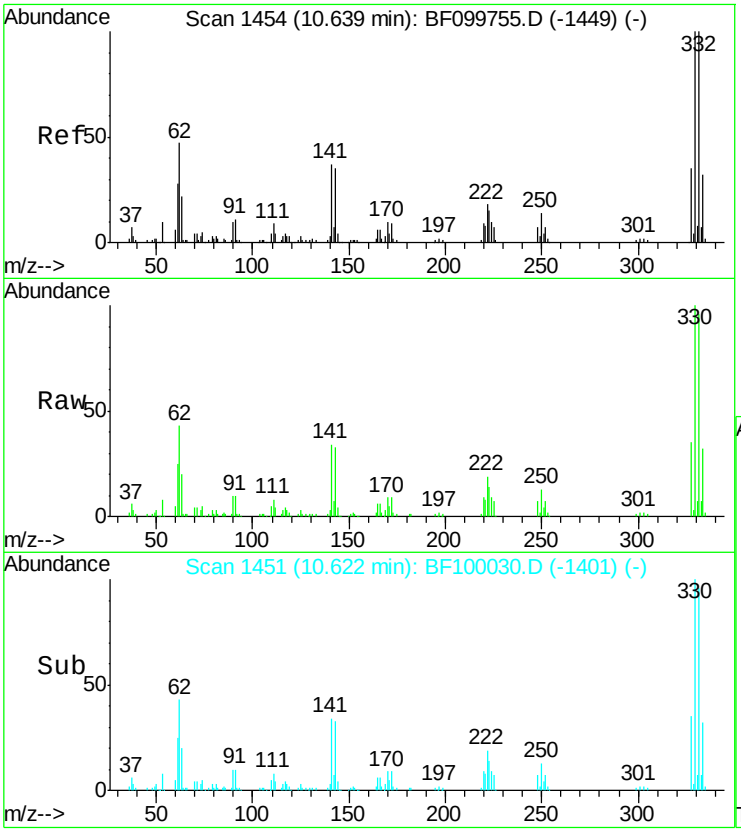


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:164 Resp: 168361

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	44.7	38.3	57.5



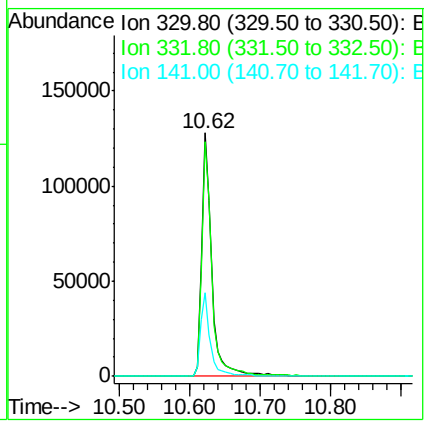


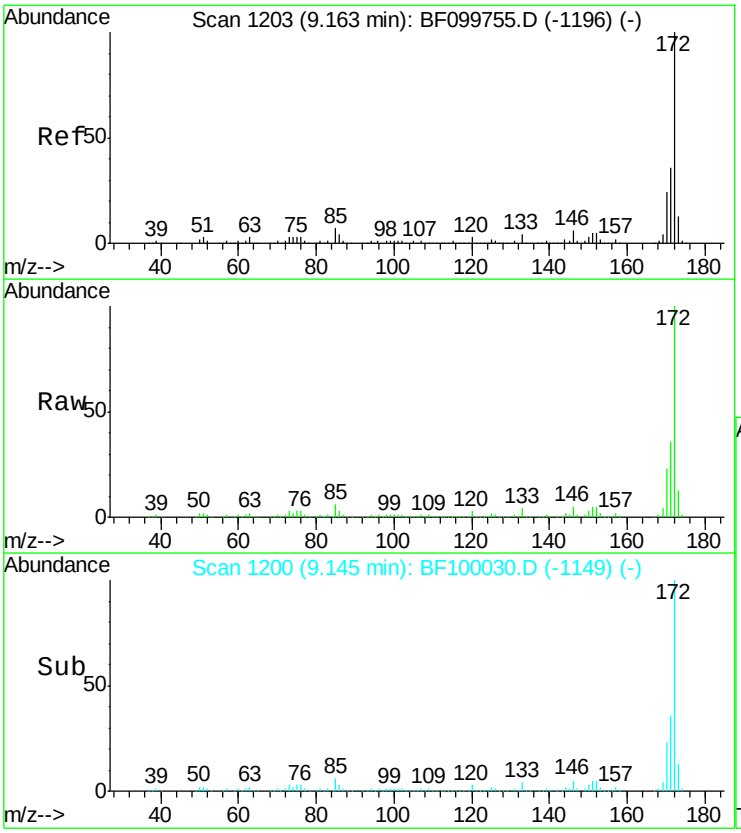
#41
2,4,6-Tribromophenol
Concen: 84.90 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:330 Resp: 130264

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.9	29.9	44.9

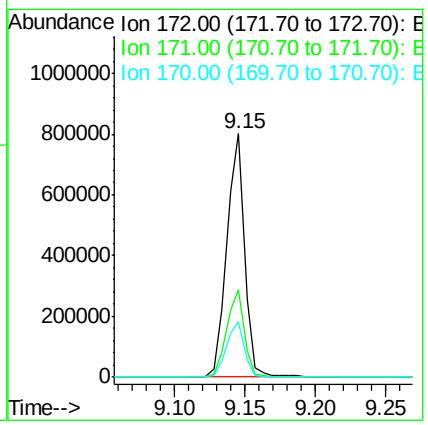


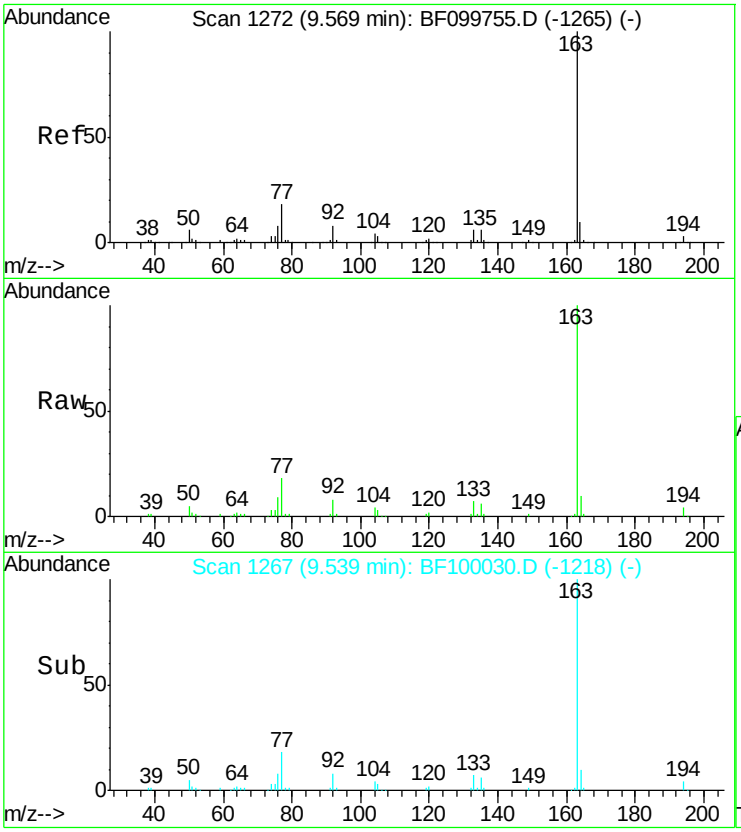


#44
2-Fluorobiphenyl
Concen: 64.52 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:172 Resp: 704048

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.0	19.6	29.4



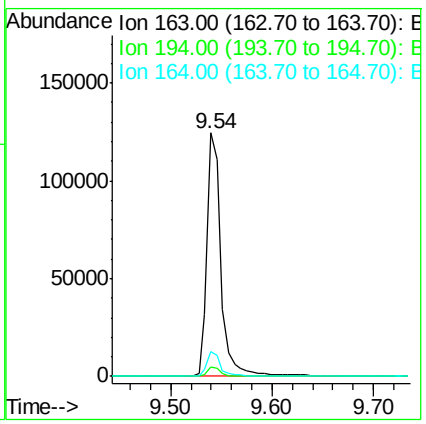


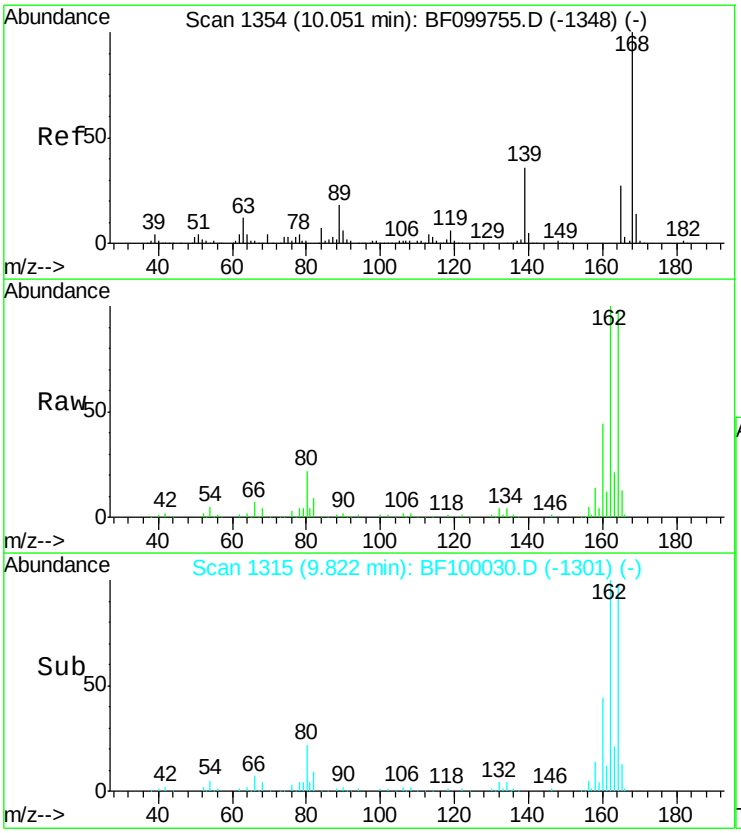
#49
Dimethylphthalate
Concen: 8.98 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:163 Resp: 119711

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2

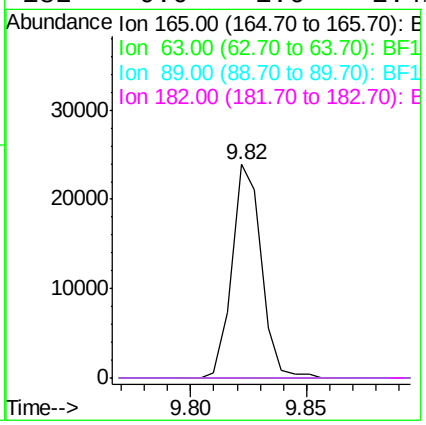


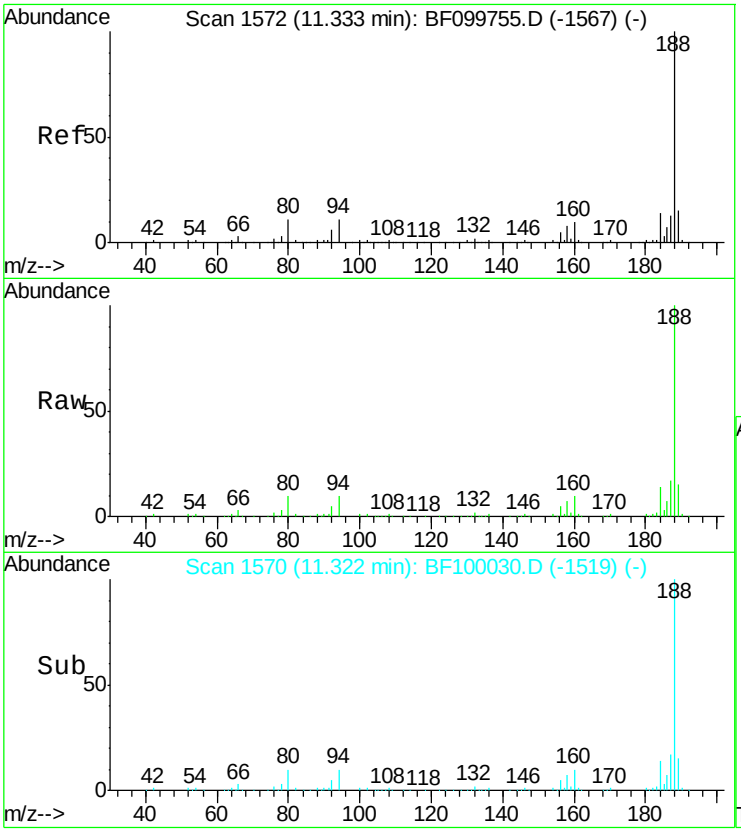


#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:165 Resp: 21294

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#



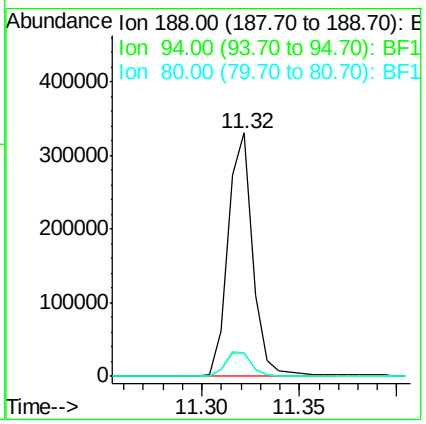


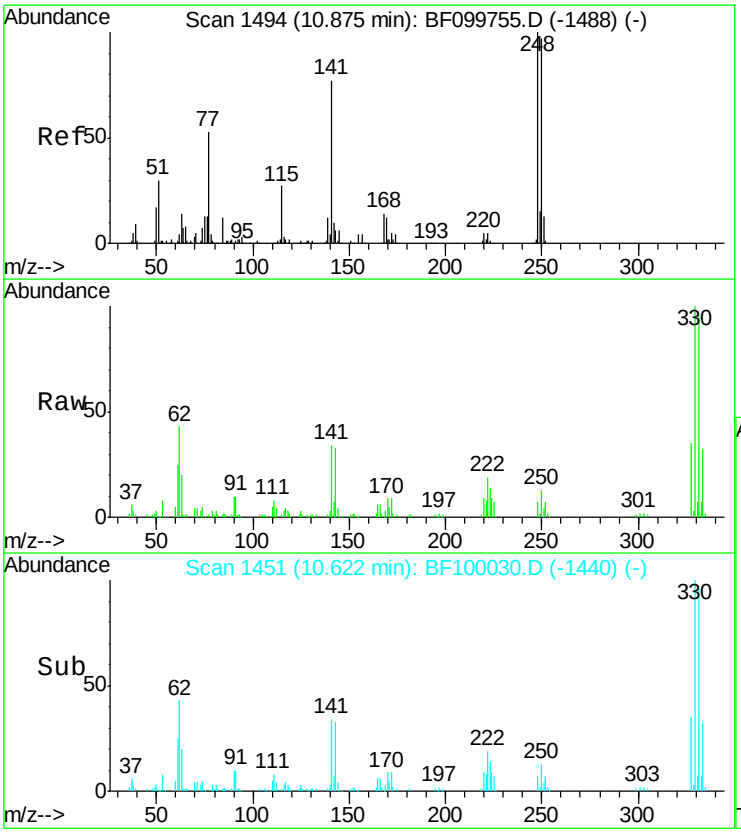
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 290407

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	9.9	9.2	13.8

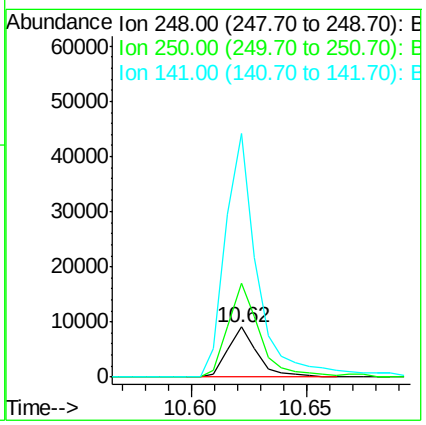


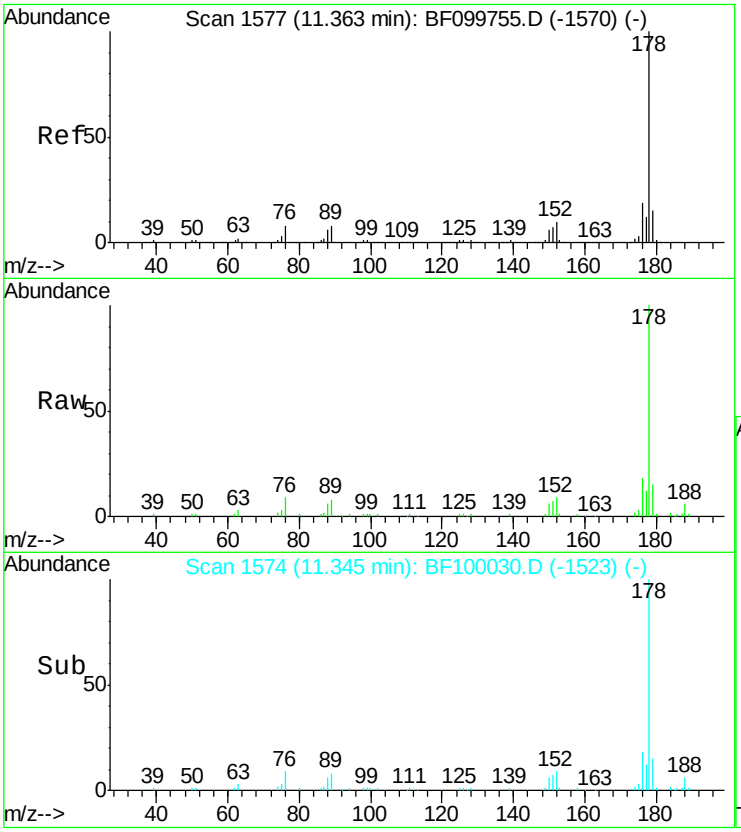


#66
4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:248 Resp: 8118

Ion	Ratio	Lower	Upper
248	100		
250	187.7	76.9	115.3#
141	489.1	74.4	111.6#



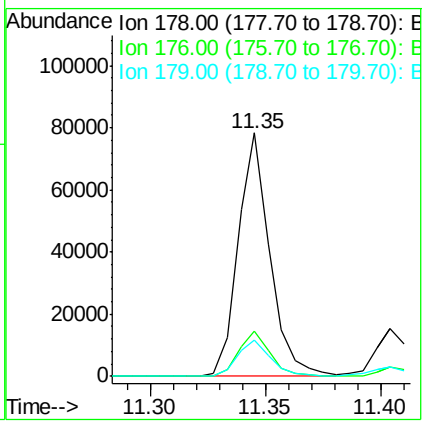


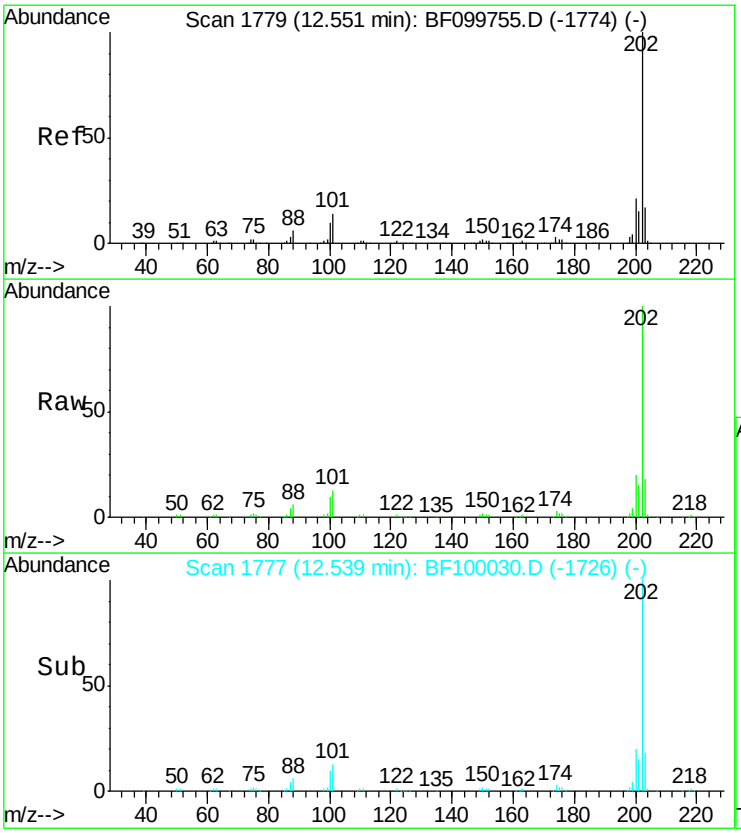
#70
Phenanthrene
Concen: 4.57 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 74962

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.0	13.0	19.6

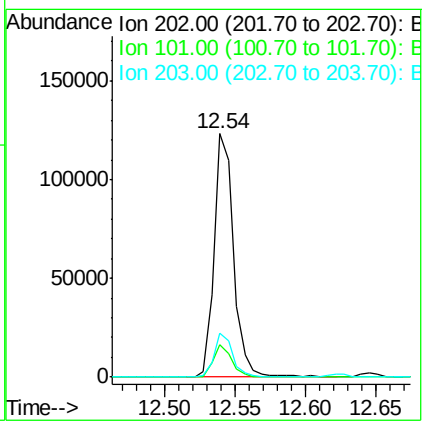


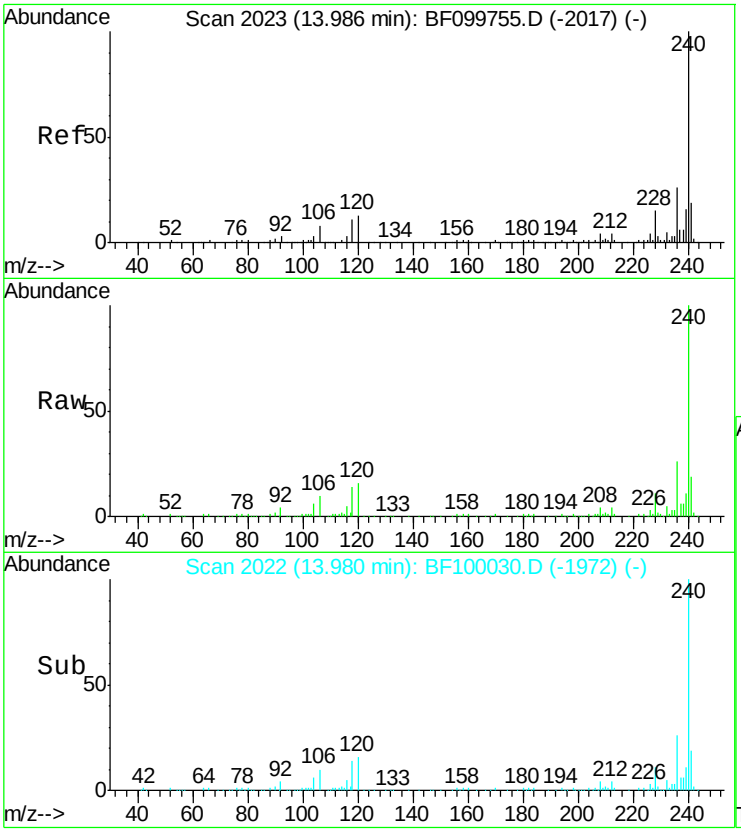


#74
Fluoranthene
Concen: 6.94 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:202 Resp: 118270

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.8	0.0	38.1



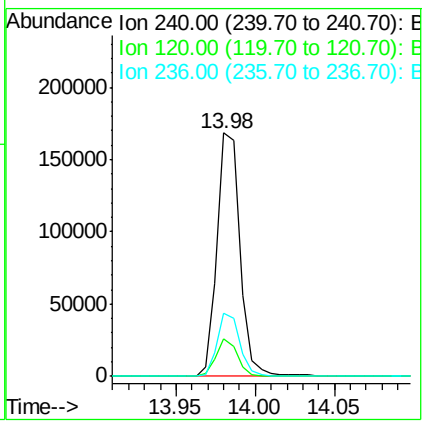


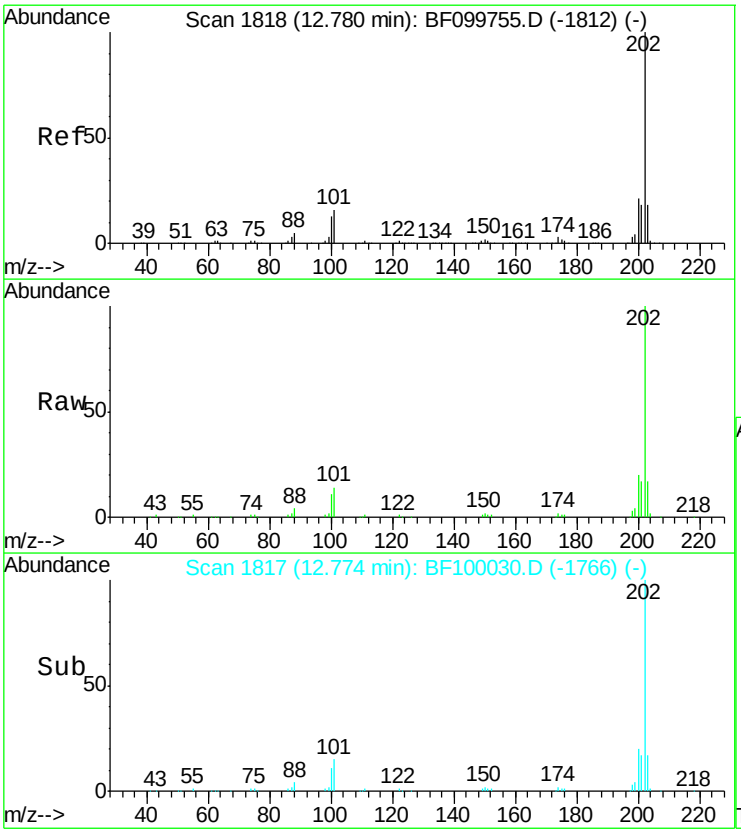
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 170079

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.9	20.7	31.1

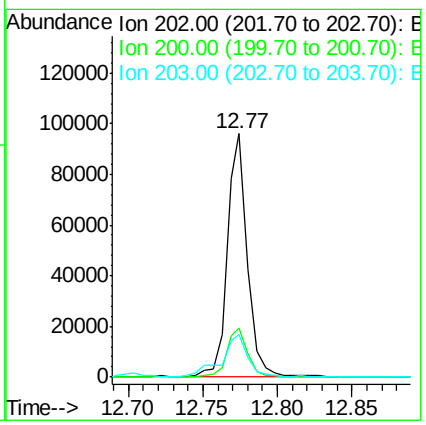


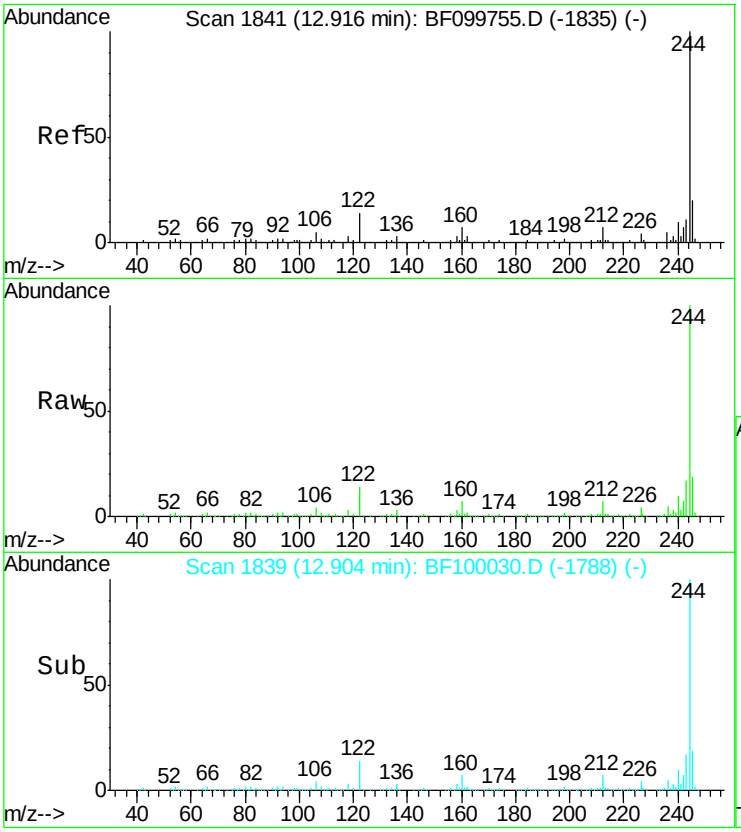


#77
Pyrene
Concen: 7.07 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:202 Resp: 91388

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.3	14.3	21.5



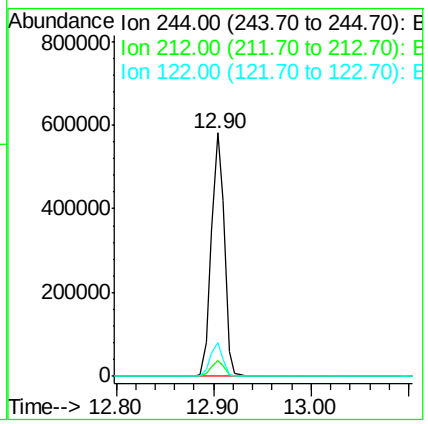


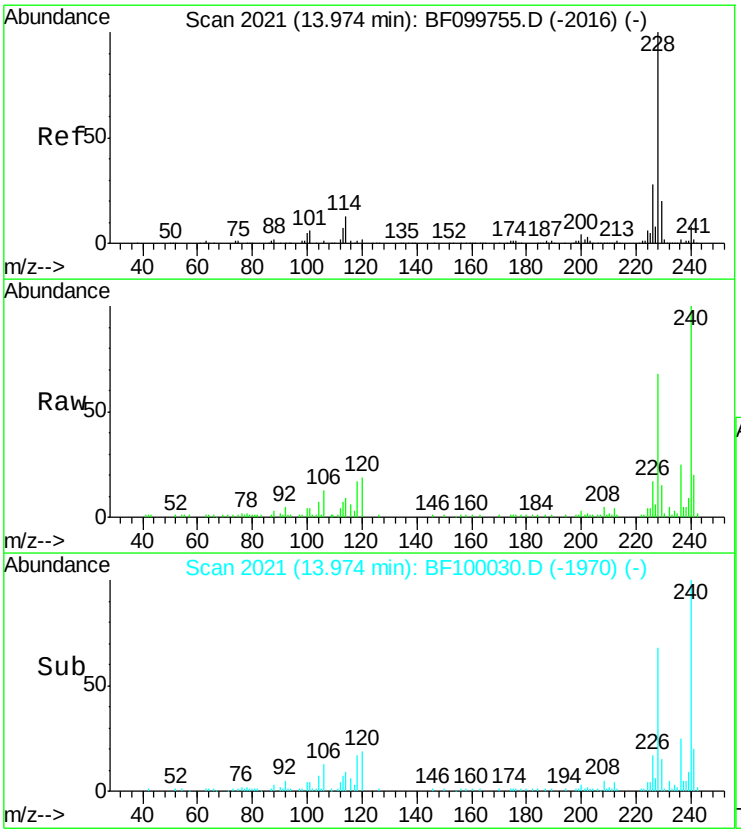
#78
Terphenyl-d14
Concen: 68.94 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 536549

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.1	11.0	16.4

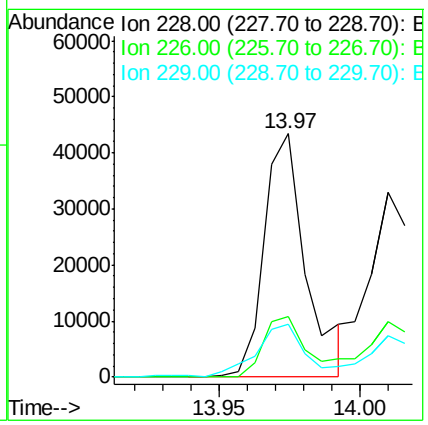


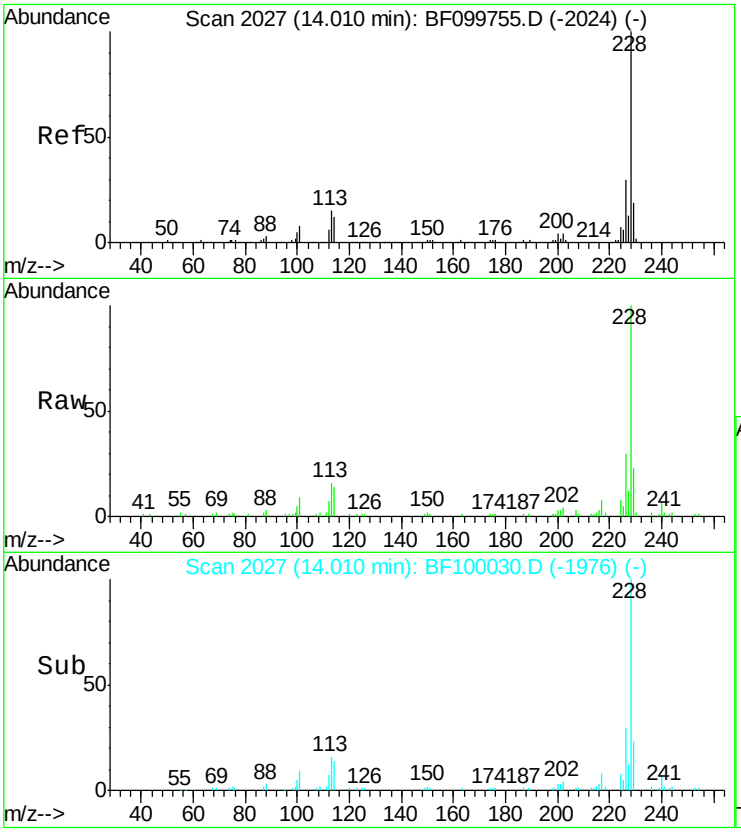


#80
Benzo(a)anthracene
Concen: 4.14 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:228 Resp: 44651

Ion	Ratio	Lower	Upper
228	100		
226	24.9	22.6	33.8
229	21.6	15.8	23.6



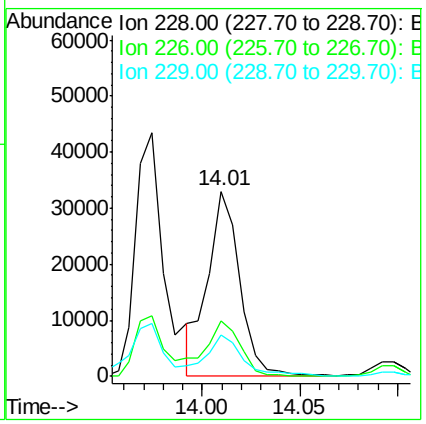


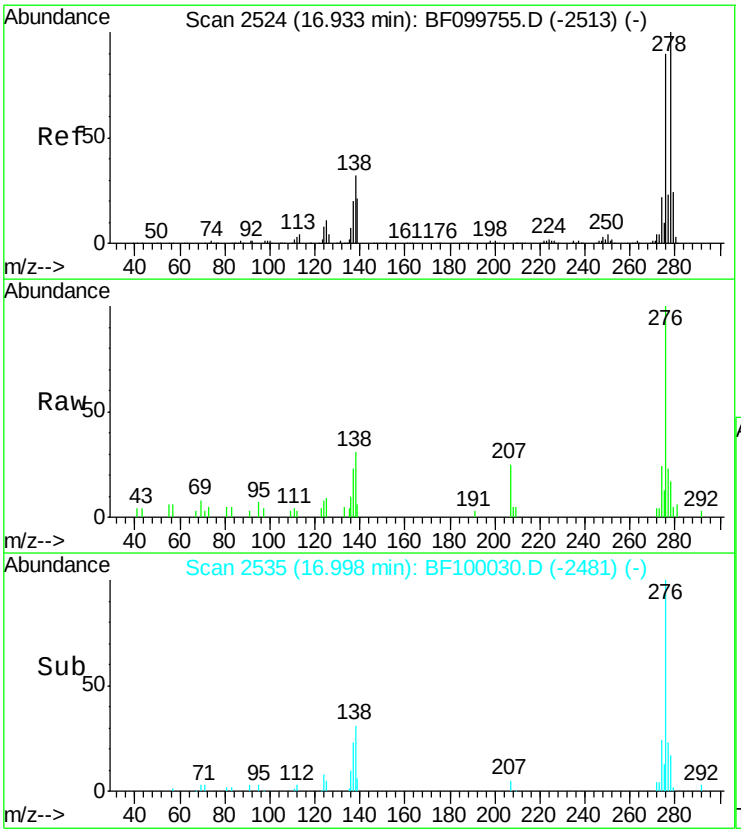
#82
Chrysene
Concen: 3.74 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 37936

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.7	16.2	24.4

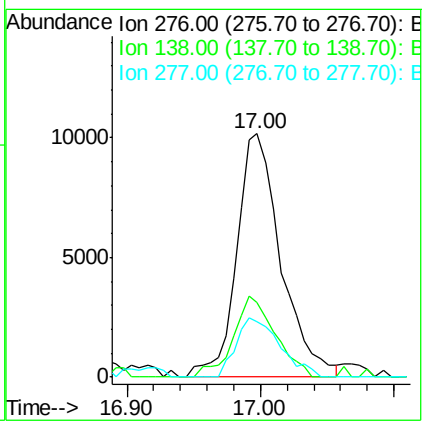


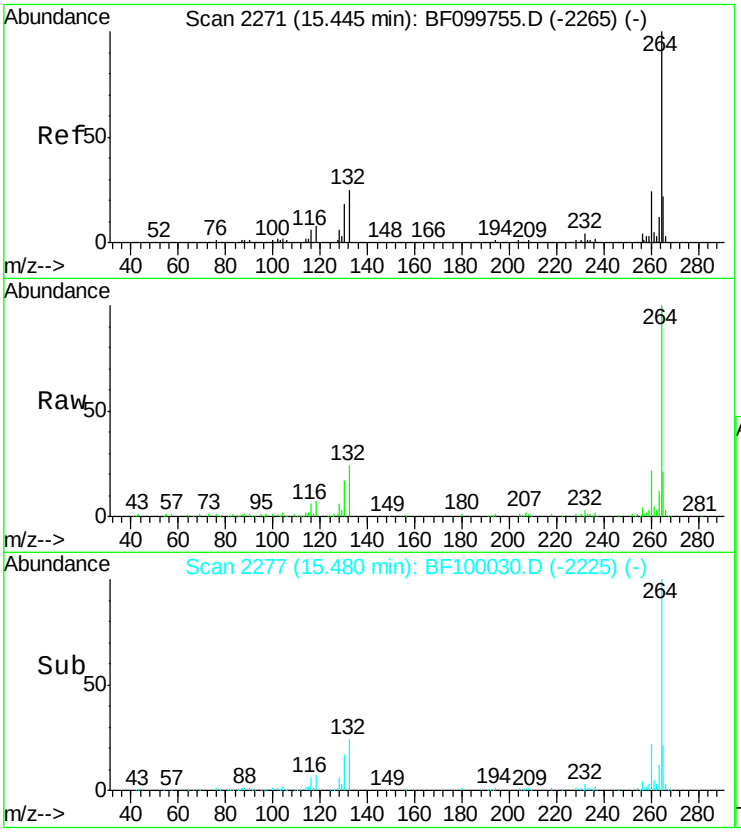


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:276 Resp: 23296

Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.0	37.6
277	24.1	20.1	30.1



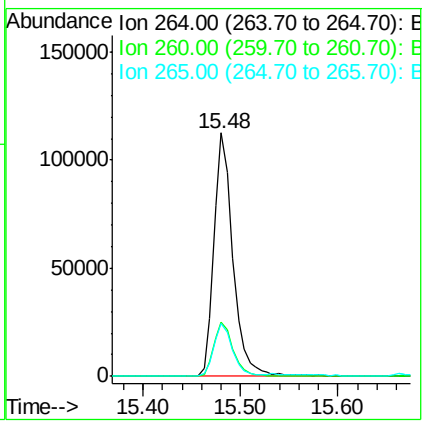


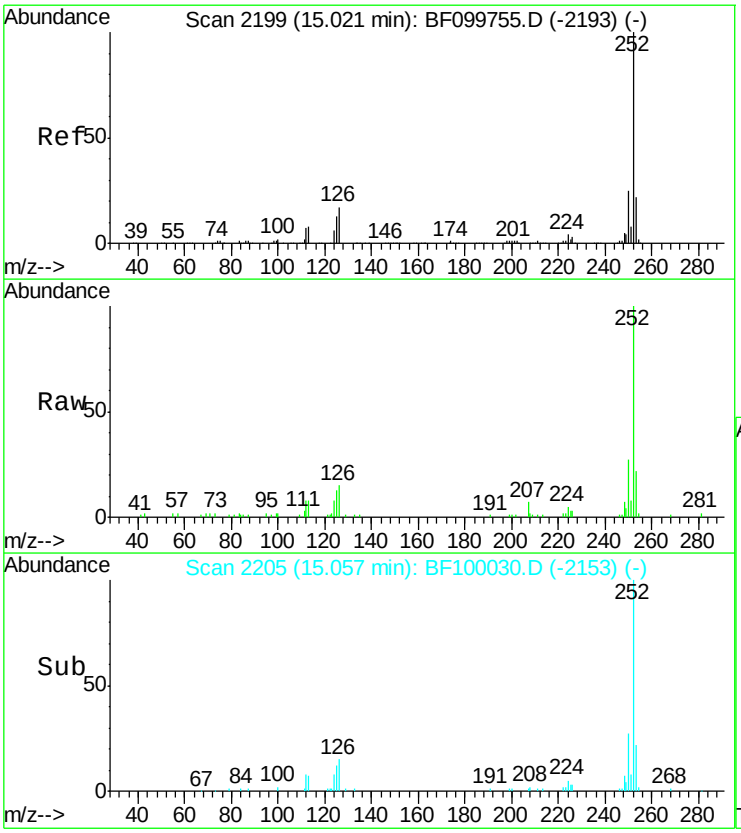
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 152381

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.5	17.5	26.3

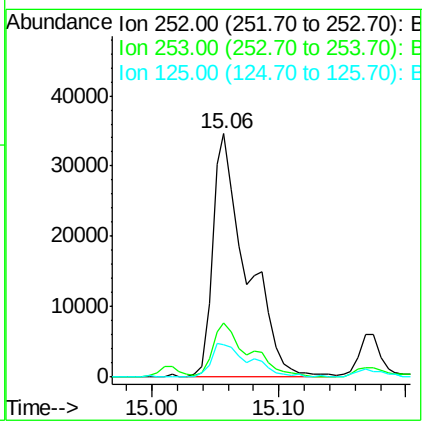


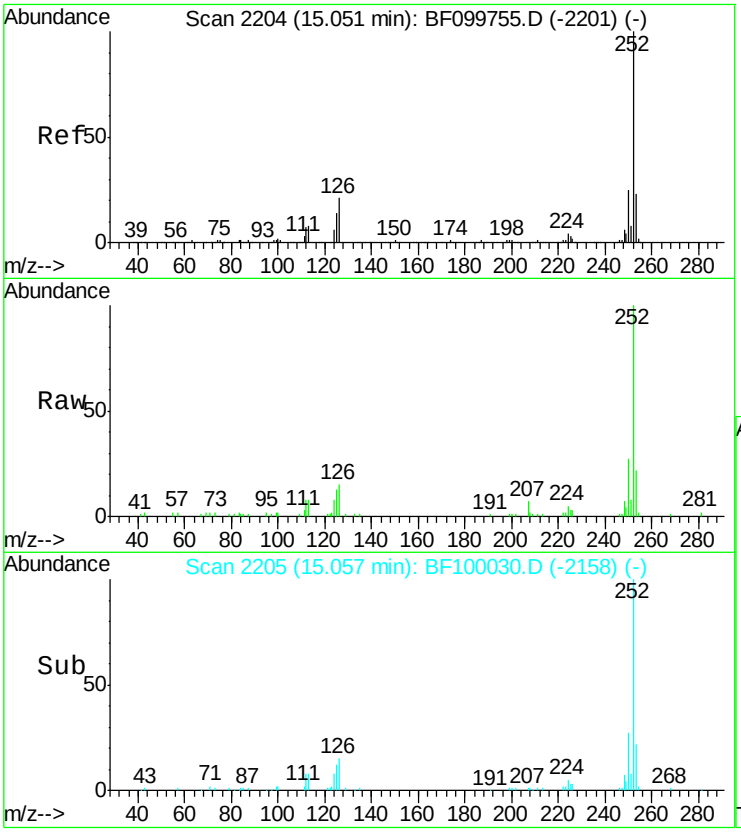


#87
Benzo(b)fluoranthene
Concen: 6.75 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:252 Resp: 64943

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.1	9.0	13.6



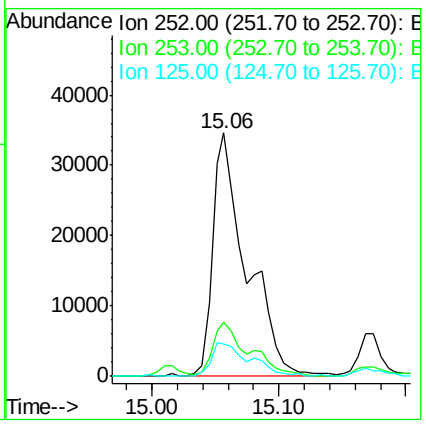


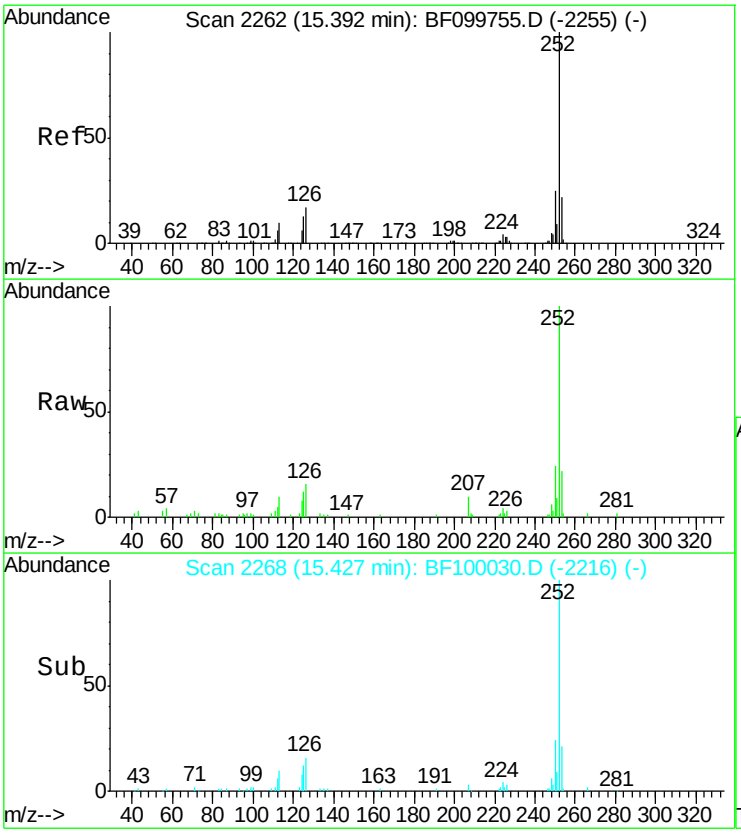
#88
Benzo(k)fluoranthene
Concen: 7.16 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 64943

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	13.1	10.2	15.2

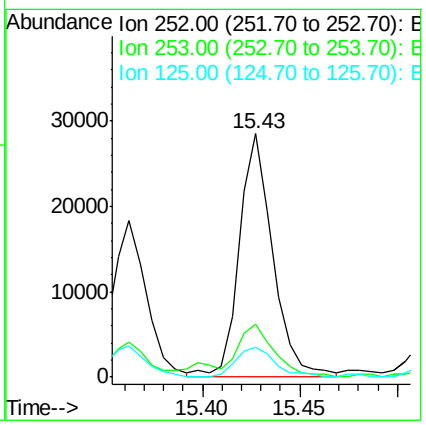


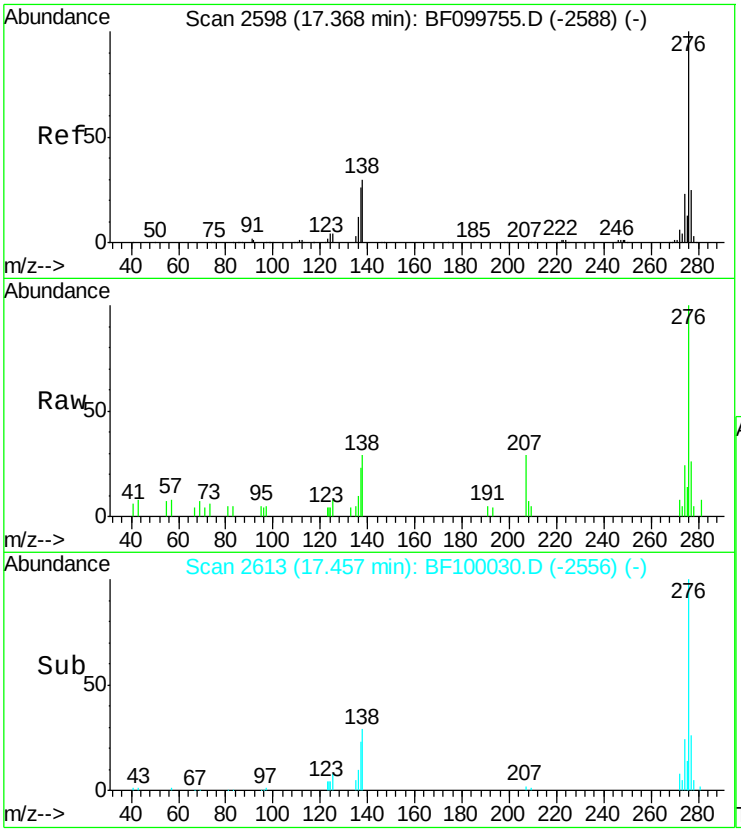


#89
Benzo(a)pyrene
Concen: 3.94 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Tgt Ion:252 Resp: 34063

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	12.0	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.00 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.04 min
Lab File: BF100030.D
Acq: 1 Nov 2017 6:28

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 22570

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	28.6	21.8	32.8