Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103379.D
Acq On : 2 Mar 2018 21:29
Operator : SJ/JU
Sample : J1721-11RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-50

Quant Time: Mar 02 23:11:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156389	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	669928	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	272693	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	376239	20.00	ng		0.00
75) Chrysene-d12	14.06	240	250580	20.00	ng		0.00
86) Perylene-d12	15.57	264	199381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1135374	109.80	ng		0.00
7) Phenol-d6	6.52	99	1378939	108.98	ng		0.00
23) Nitrobenzene-d5	7.45	82	887596	75.66	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	201895	87.47	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1194817	72.95	ng		0.00
78) Terphenyl-d14	13.00	244	700587	67.21	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	122769	15.590	ng	#	84
25) Isophorone	7.45	82	887583	38.417	ng	#	64
32) Benzoic acid	8.16	122	111	6.928	ng	#	1
49) Dimethylphthalate	9.63	163	136217	6.227	ng		100
64) 4,6-Dinitro-2-methylphenol	10.72	198	490	5.137	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	13290	3.391	ng	#	1
70) Phenanthrene	11.43	178	123076	5.944	ng		98
74) Fluoranthene	12.63	202	212630	10.219	ng		97
77) Pyrene	12.86	202	211520	10.827	ng		98
80) Benzo(a)anthracene	14.05	228	109338	6.725	ng		97
82) Chrysene	14.09	228	109143	6.914	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	37801	3.025	ng		99
87) Benzo(b)fluoranthene	15.13	252	154668	11.798	ng	#	89
88) Benzo(k)fluoranthene	15.13	252	154668	12.529	ng	#	92
89) Benzo(a)pyrene	15.51	252	77710	6.638	ng	#	84
91) Benzo(g,h,i)perylene	17.59	276	37995	4.298	ng	#	89

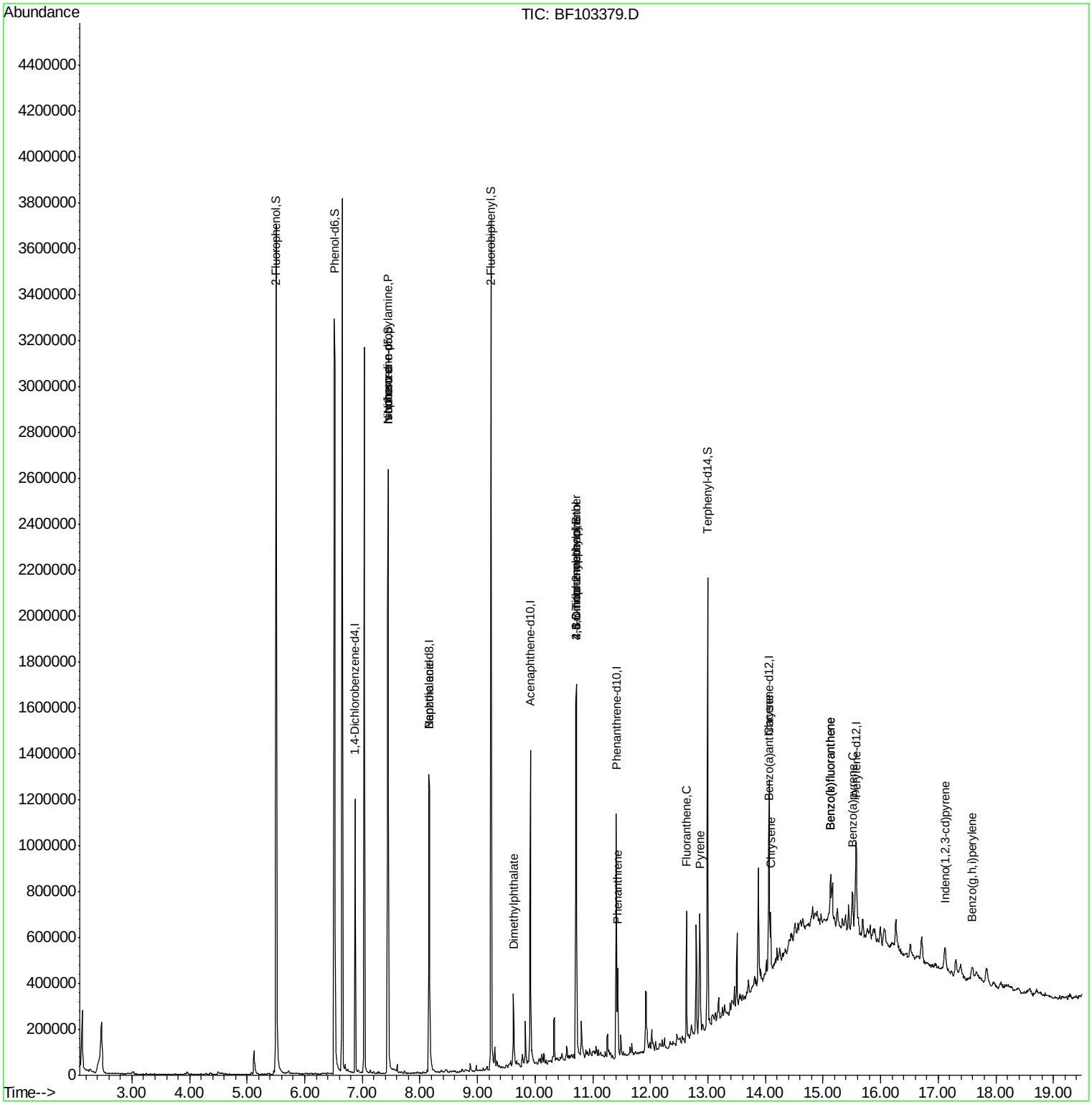
(#) = qualifier out of range (m) = manual integration (+) = signals summed

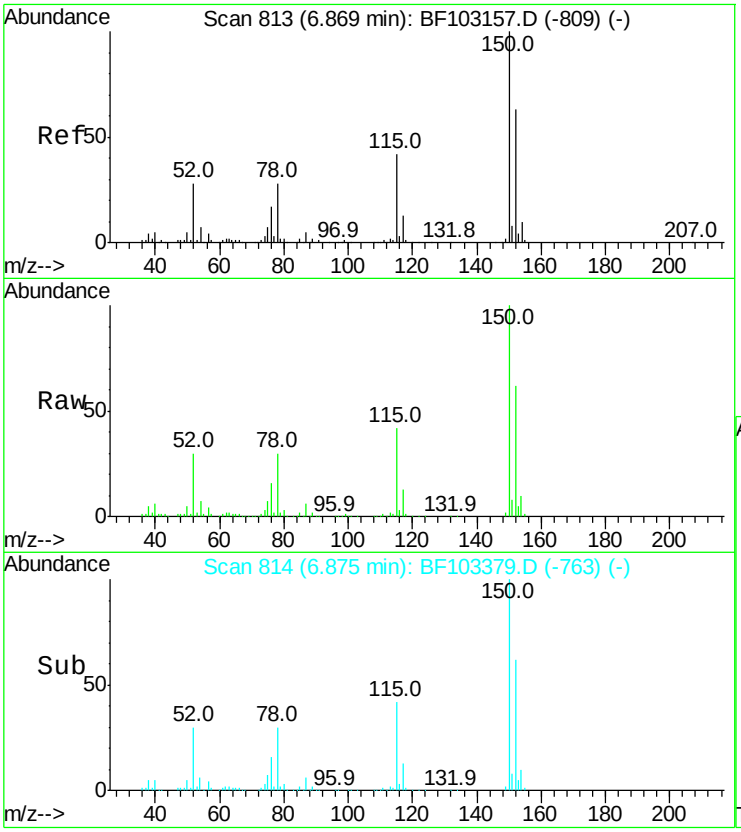
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103379.D
Acq On : 2 Mar 2018 21:29
Operator : SJ/JU
Sample : J1721-11RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-50

Quant Time: Mar 02 23:11:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration



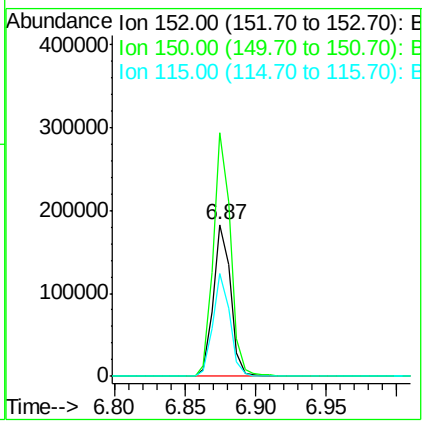


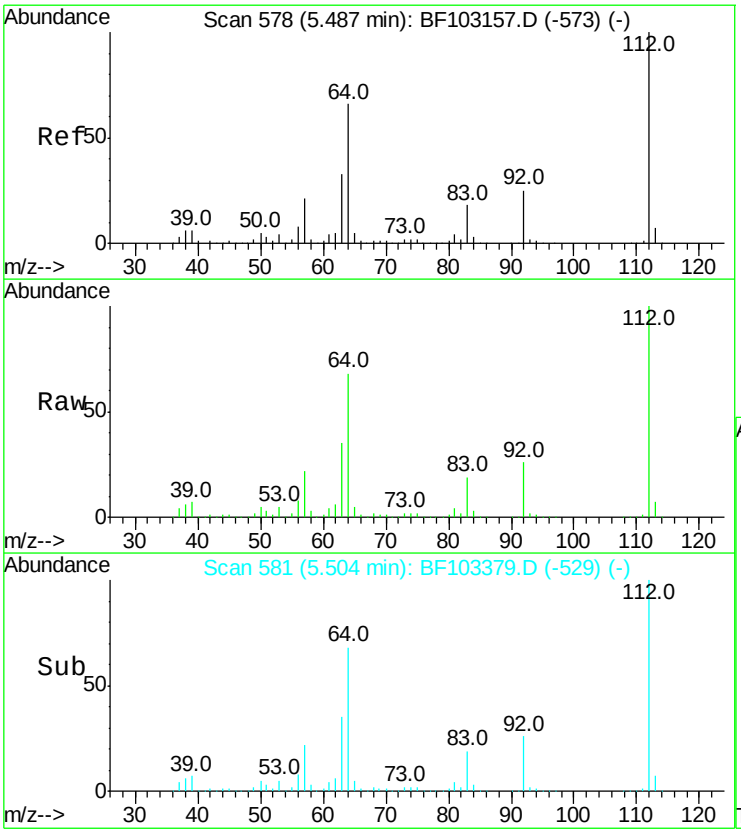
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:152 Resp: 156389

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	67.8	50.1	75.1

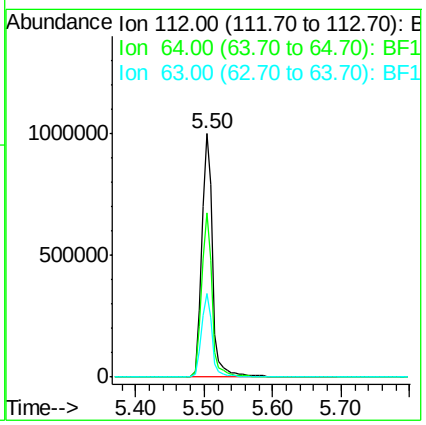


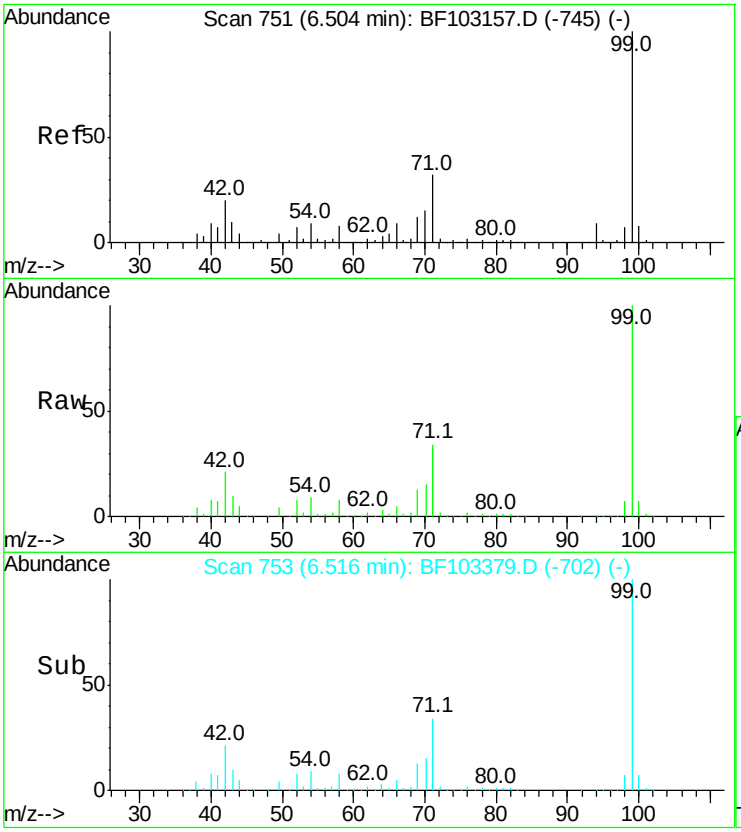


#5
2-Fluorophenol
Concen: 109.801 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:112 Resp: 1135374

Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	34.6	23.7	35.5



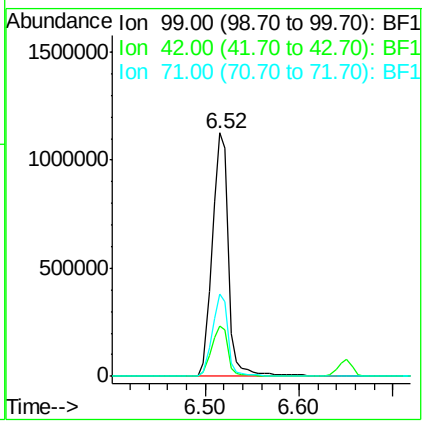


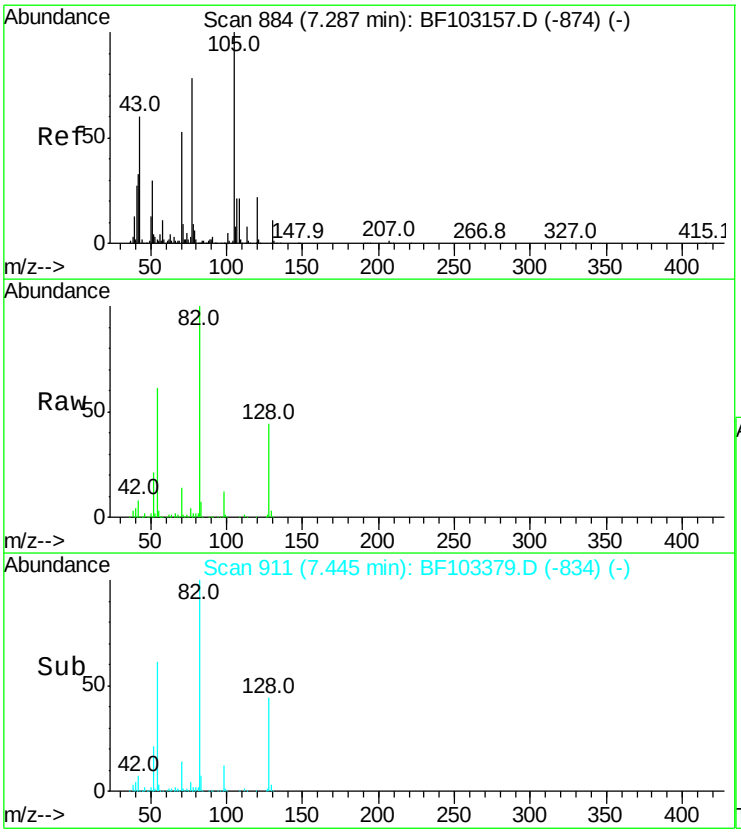
#7
Phenol-d6
Concen: 108.982 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion: 99 Resp: 1378939

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.7	25.4	38.0

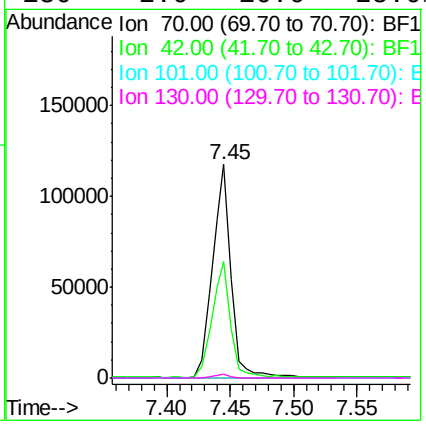


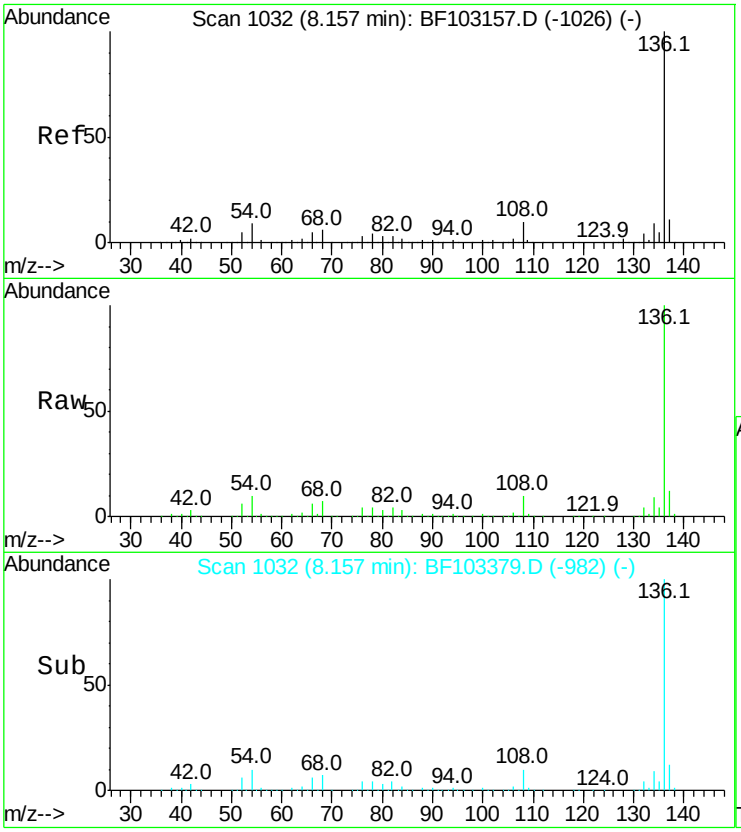


#19
n-Nitroso-di-n-propylamine
Concen: 15.590 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion: 70 Resp: 122769

Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



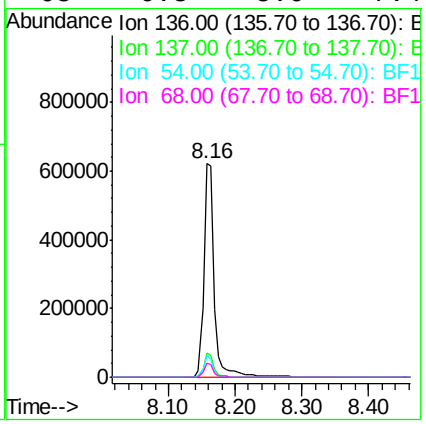


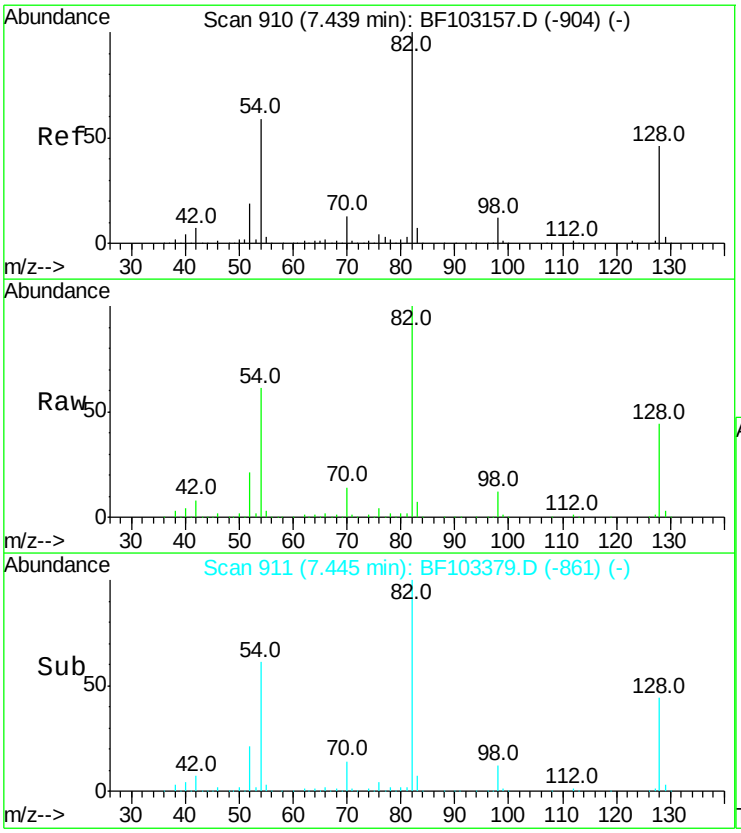
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:136 Resp: 669928

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.1	6.6	9.8#
68	6.8	5.0	7.4

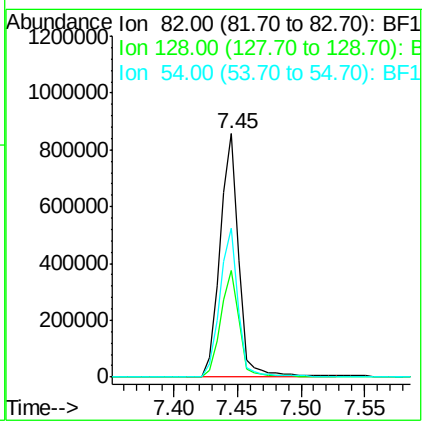


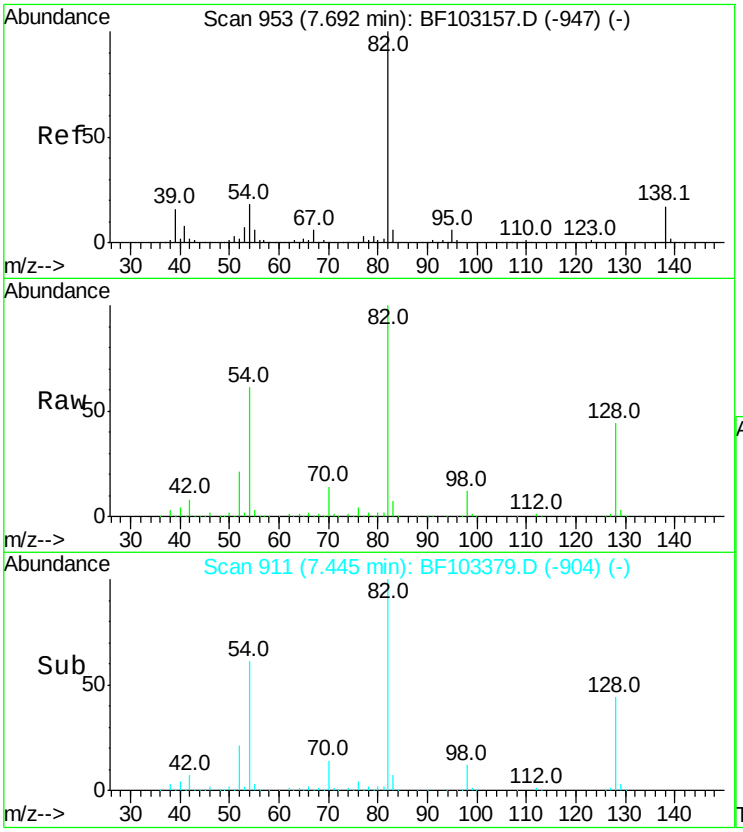


#23
Nitrobenzene-d5
Concen: 75.664 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion: 82 Resp: 887596

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	61.0	41.4	62.2



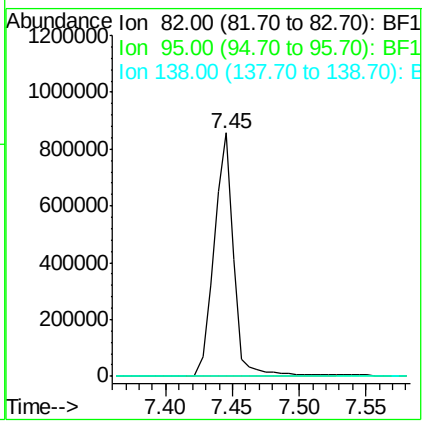


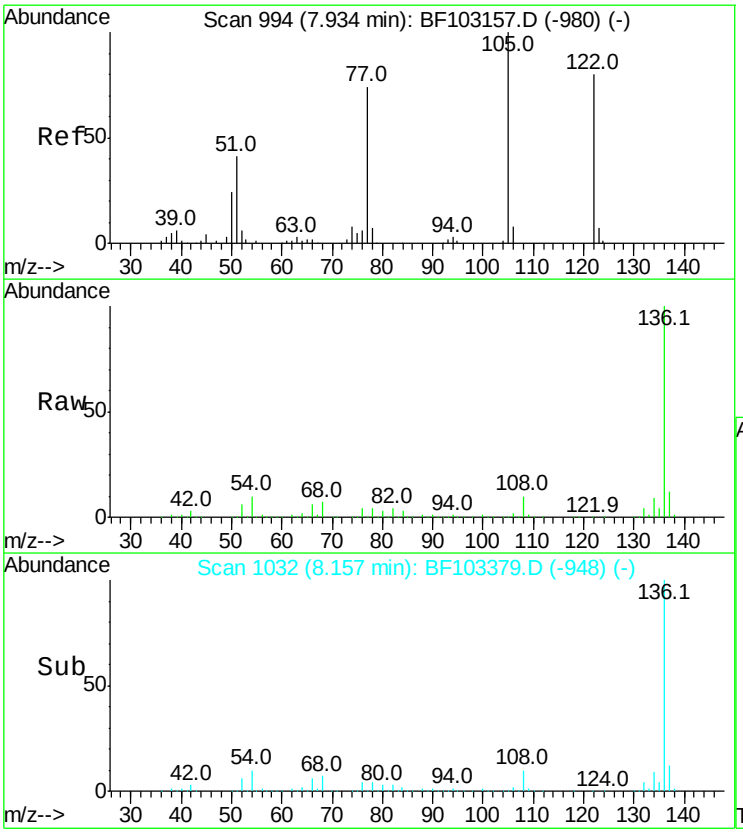
#25
Isophorone
Concen: 38.417 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion: 82 Resp: 887583

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

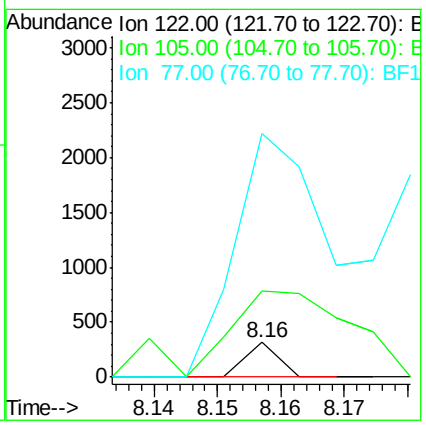


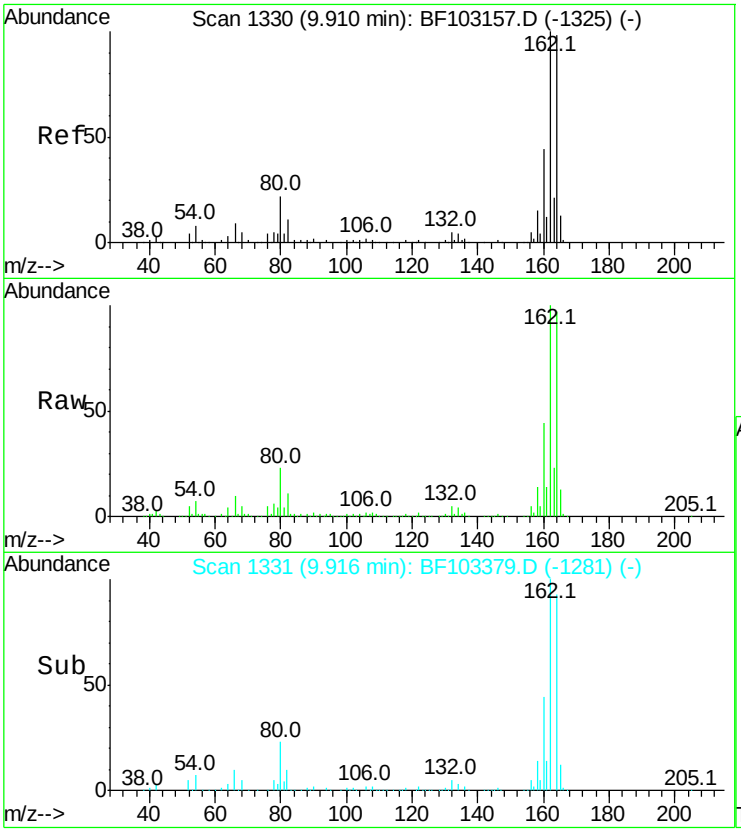


#32
Benzoic acid
Concen: 6.928 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.19 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:122 Resp: 111

Ion	Ratio	Lower	Upper
122	100		
105	250.5	101.1	141.1#
77	704.4	70.7	110.7#



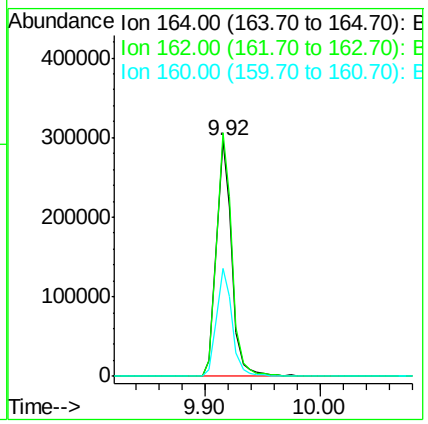


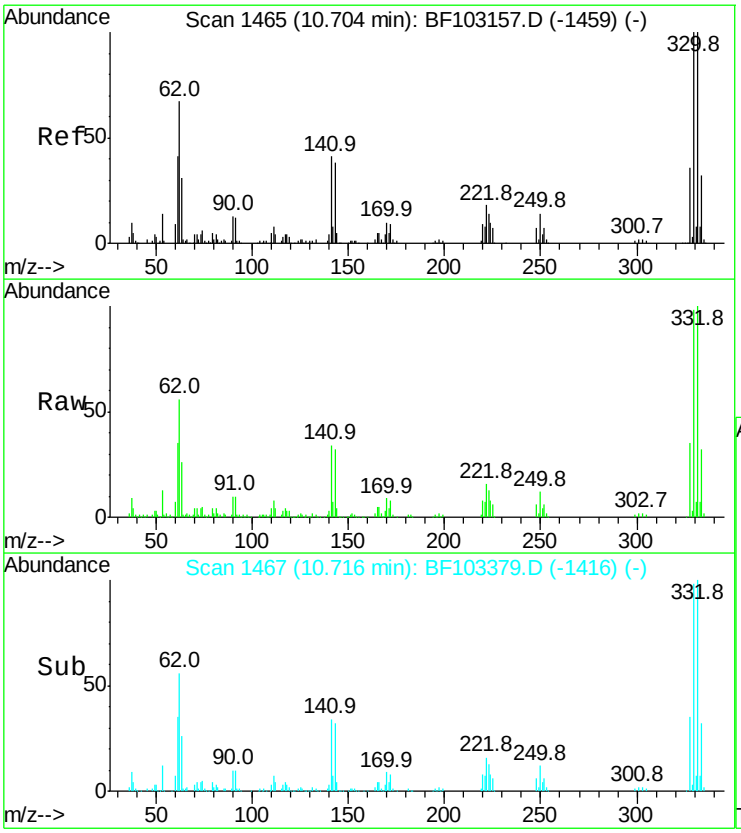
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:164 Resp: 272693

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.7	38.3	57.5

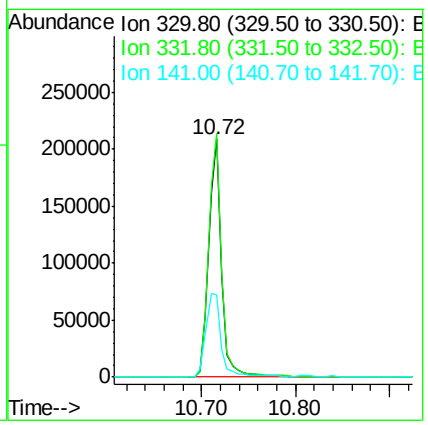


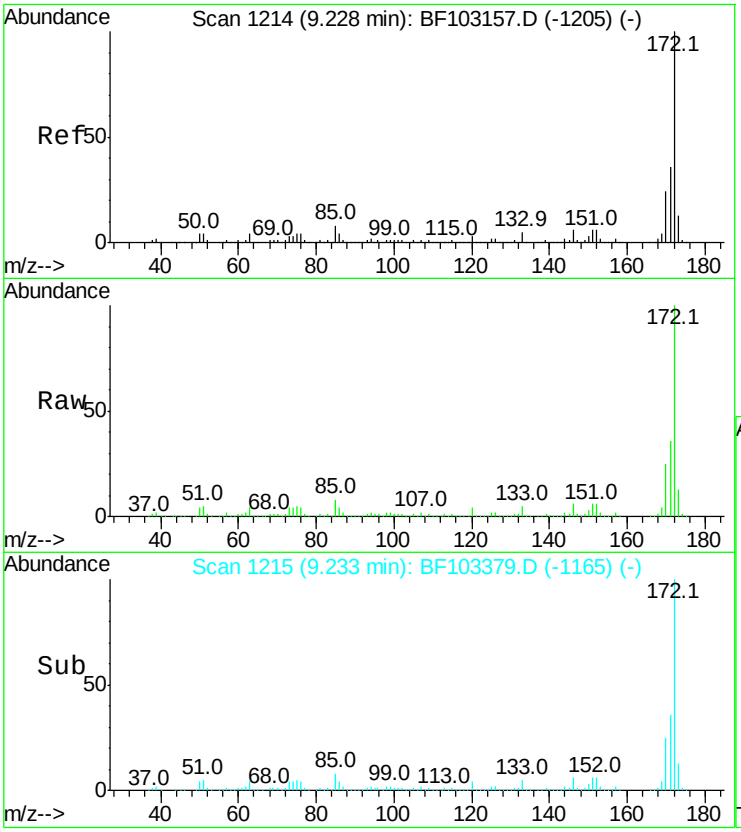


#41
2,4,6-Tribromophenol
Concen: 87.469 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:330 Resp: 201895

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	40.9	29.9	44.9



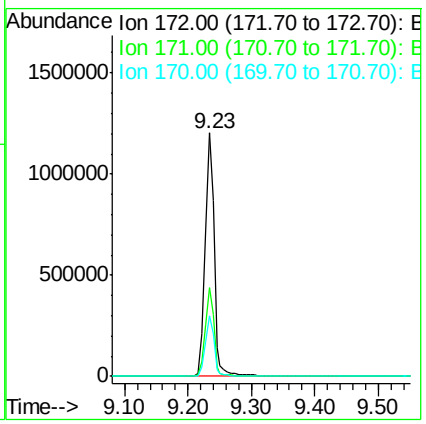


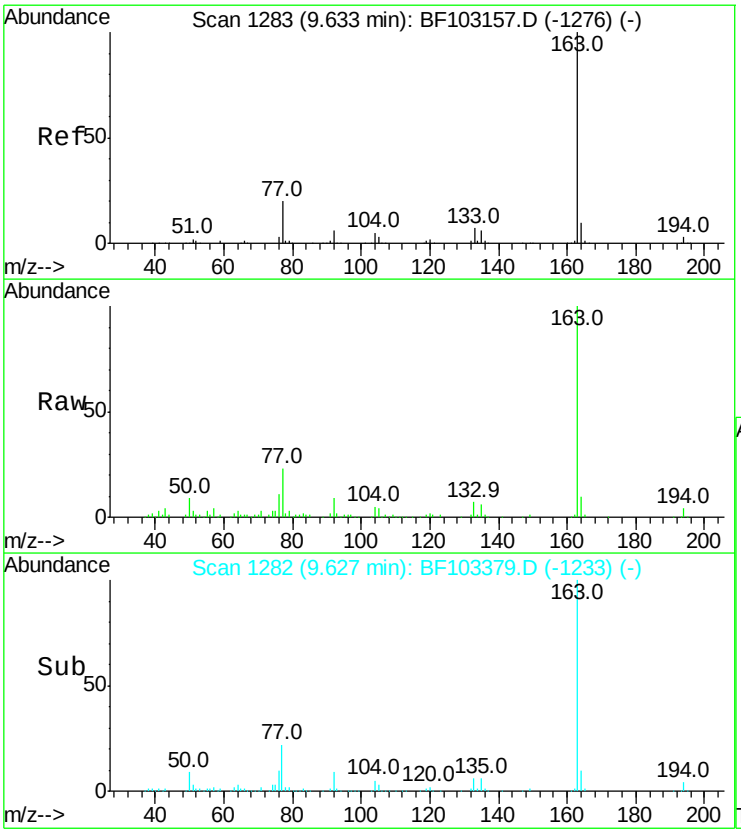
#44
2-Fluorobiphenyl
Concen: 72.952 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:172 Resp: 1194817

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

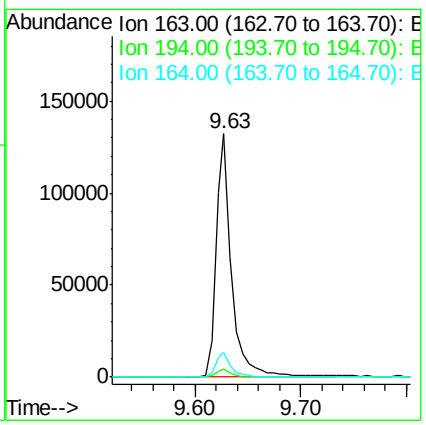


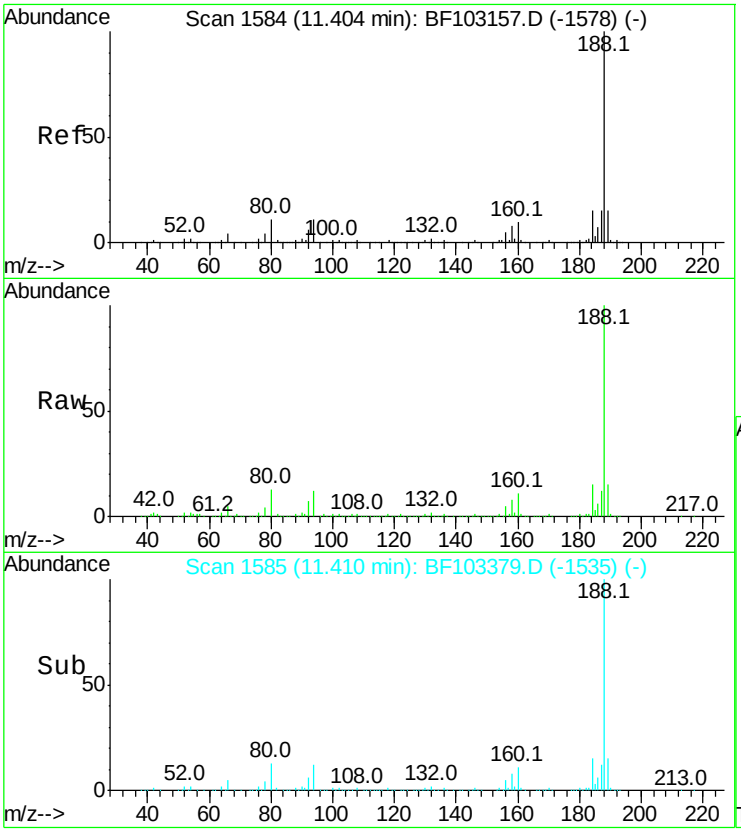


#49
Dimethylphthalate
Concen: 6.227 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:163 Resp: 136217

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2



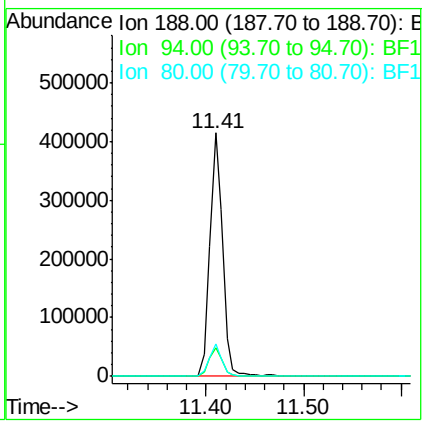


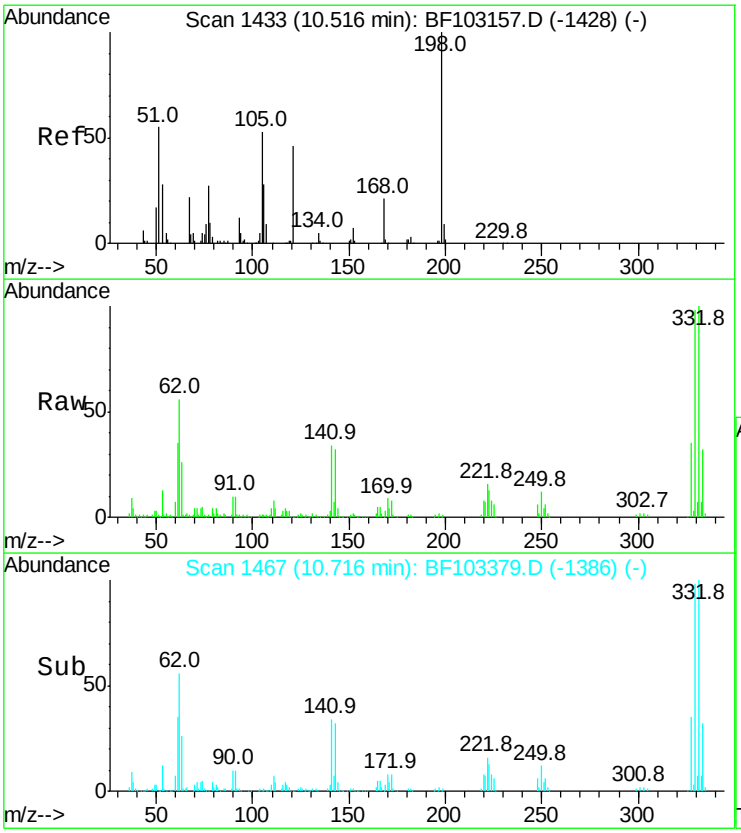
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:188 Resp: 376239

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	13.2	9.2	13.8

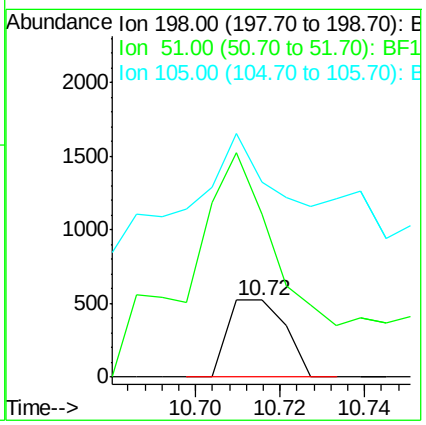


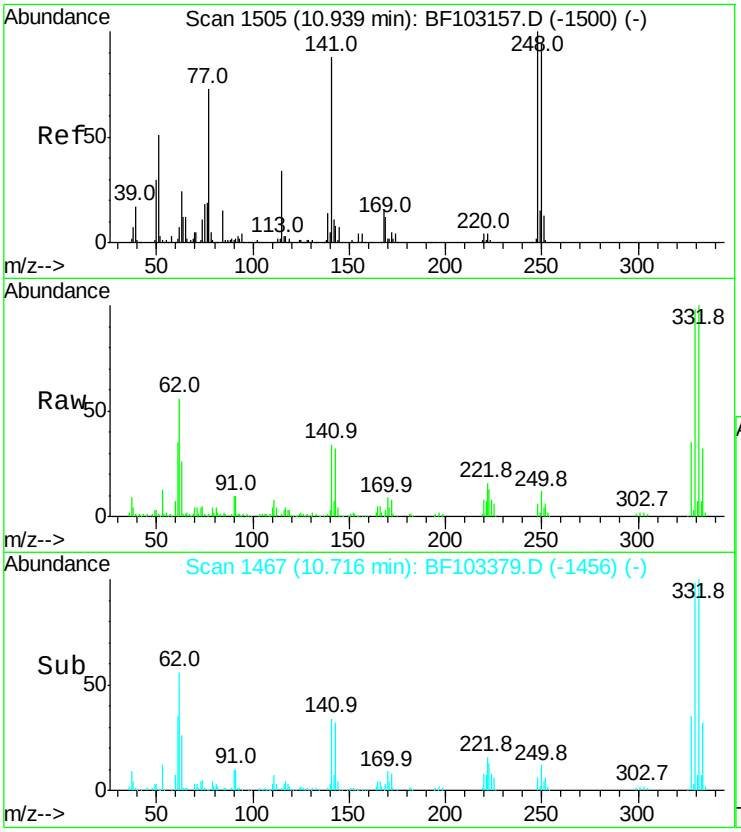


#64
4,6-Dinitro-2-methylphenol
Concen: 5.137 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:198 Resp: 490

Ion	Ratio	Lower	Upper
198	100		
51	212.3	37.7	77.7#
105	253.4	36.3	76.3#



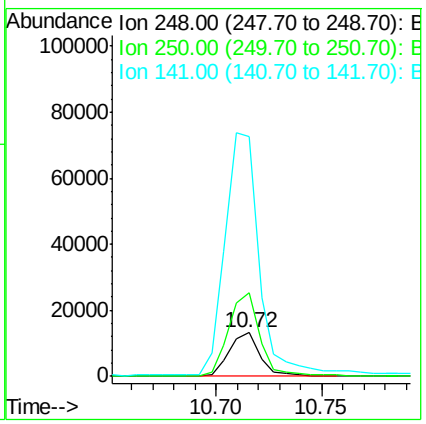


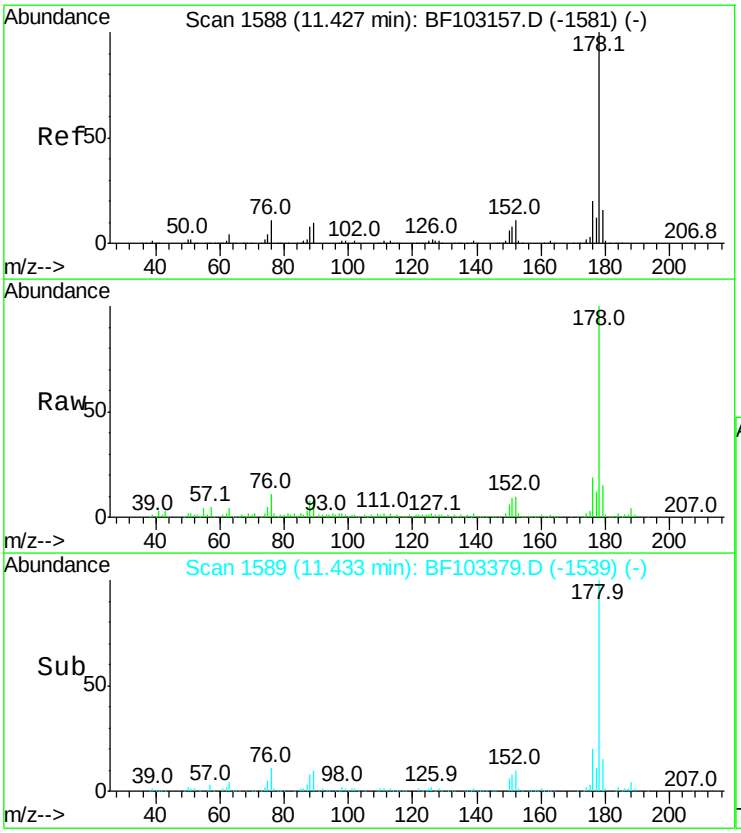
#66
4-Bromophenyl-phenylether
Concen: 3.391 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:248 Resp: 13290

Ion	Ratio	Lower	Upper
248	100		
250	193.3	76.9	115.3#
141	553.5	74.4	111.6#

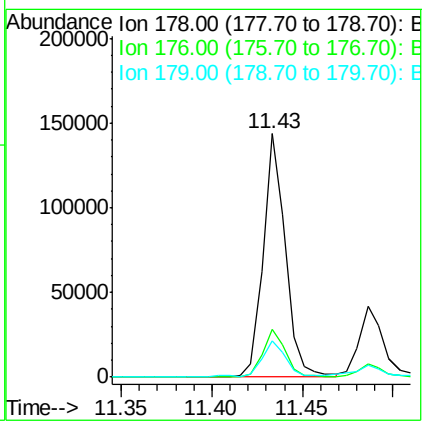


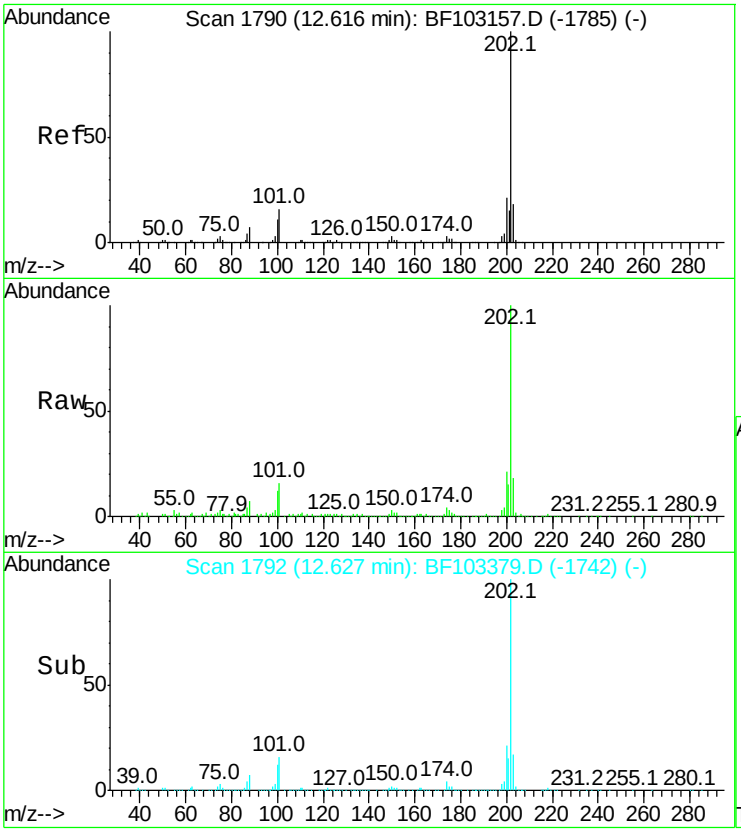


#70
Phenanthrene
Concen: 5.944 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:178 Resp: 123076

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.8	13.0	19.6



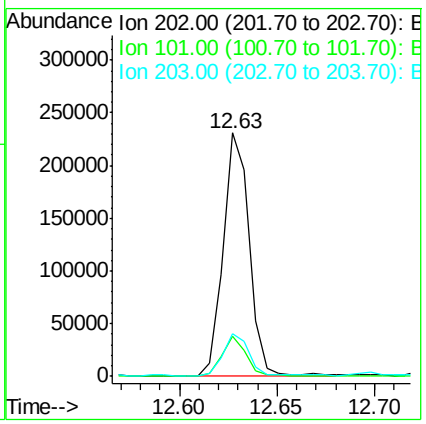


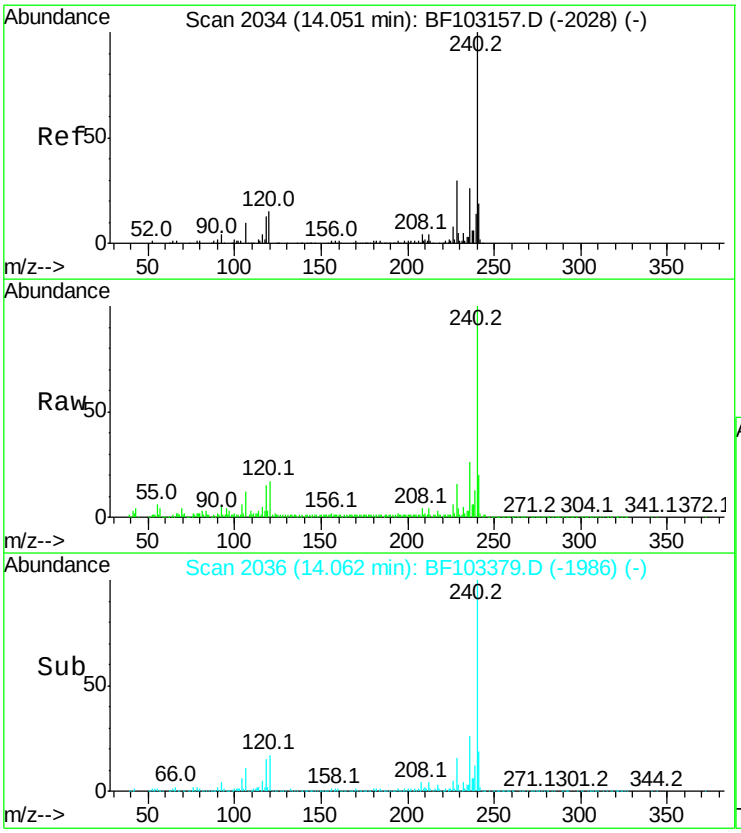
#74
Fluoranthene
Concen: 10.219 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:202 Resp: 212630

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	34.1
203	17.7	0.0	38.1

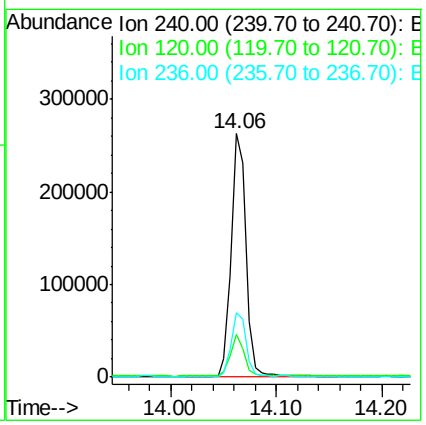


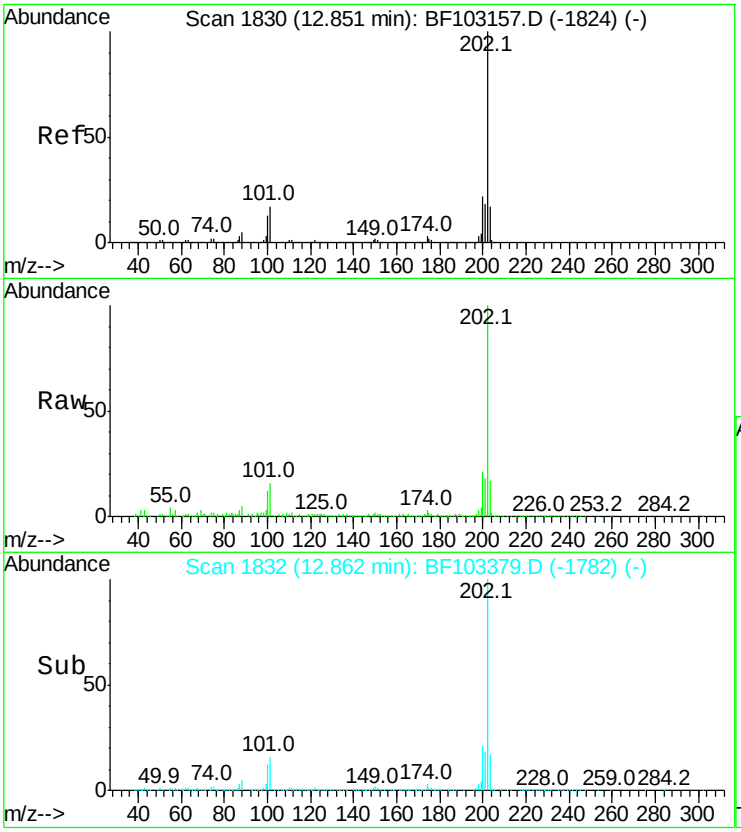


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:240 Resp: 250580

Ion	Ratio	Lower	Upper
240	100		
120	17.5	9.5	14.3#
236	26.4	20.7	31.1



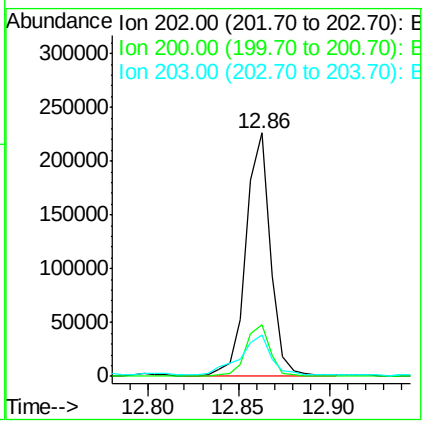


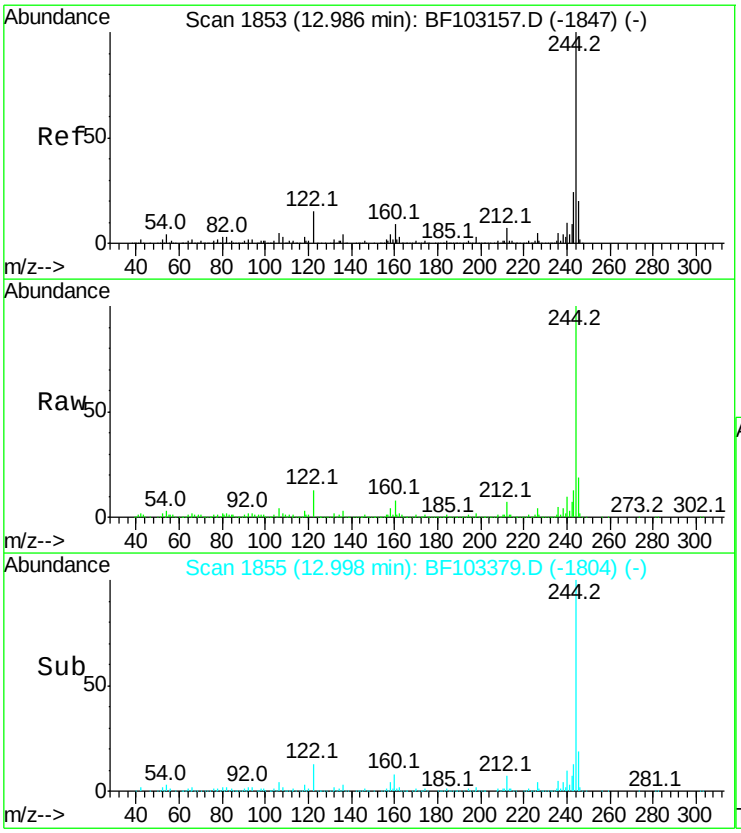
#77
Pyrene
Concen: 10.827 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:202 Resp: 211520

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.2	14.3	21.5

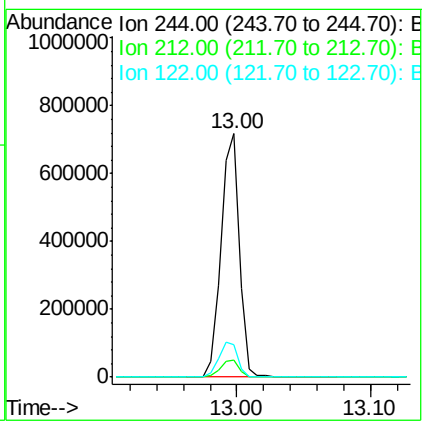


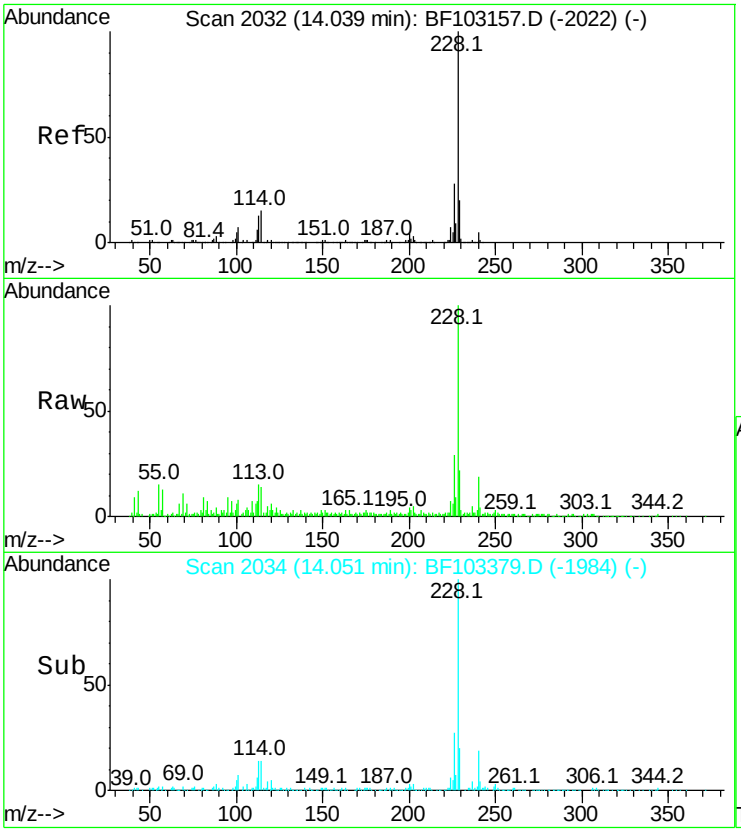


#78
Terphenyl-d14
Concen: 67.209 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:244 Resp: 700587

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4



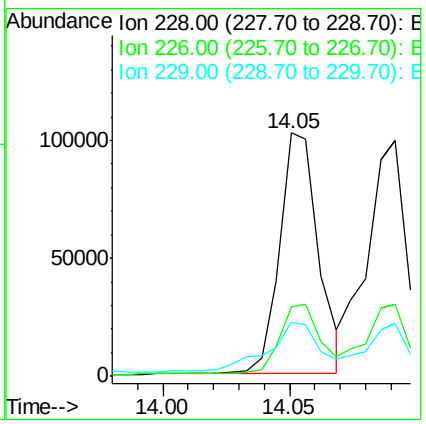


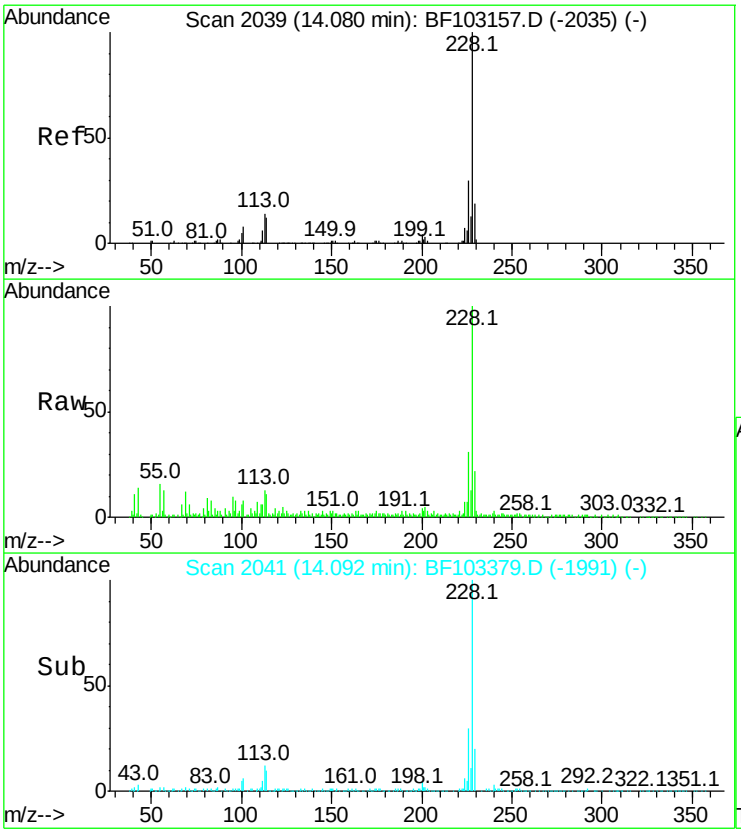
#80
Benzo(a)anthracene
Concen: 6.725 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:228 Resp: 109338

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	22.1	15.8	23.6

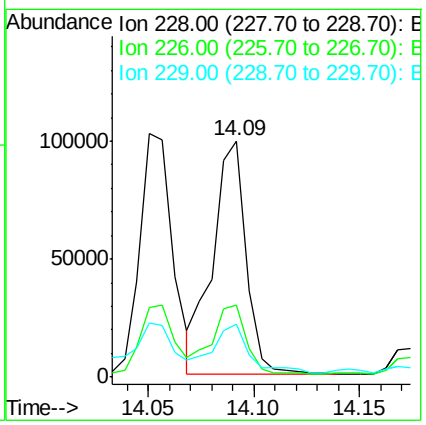


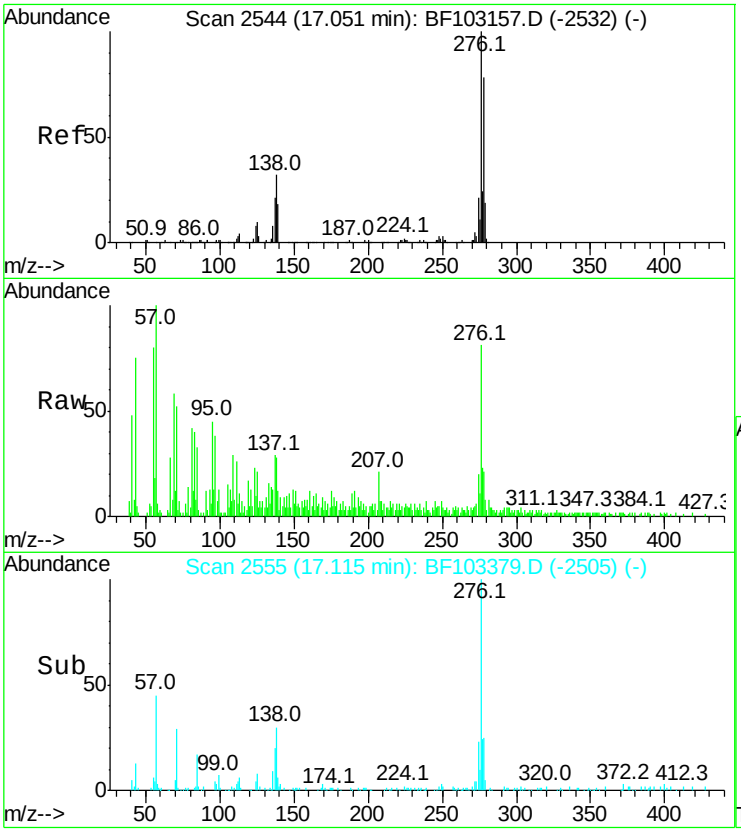


#82
Chrysene
Concen: 6.914 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:228 Resp: 109143

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.3	16.2	24.4



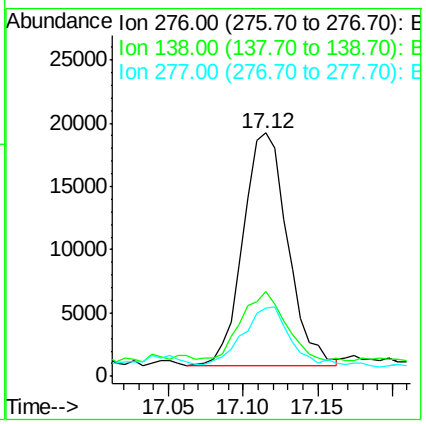


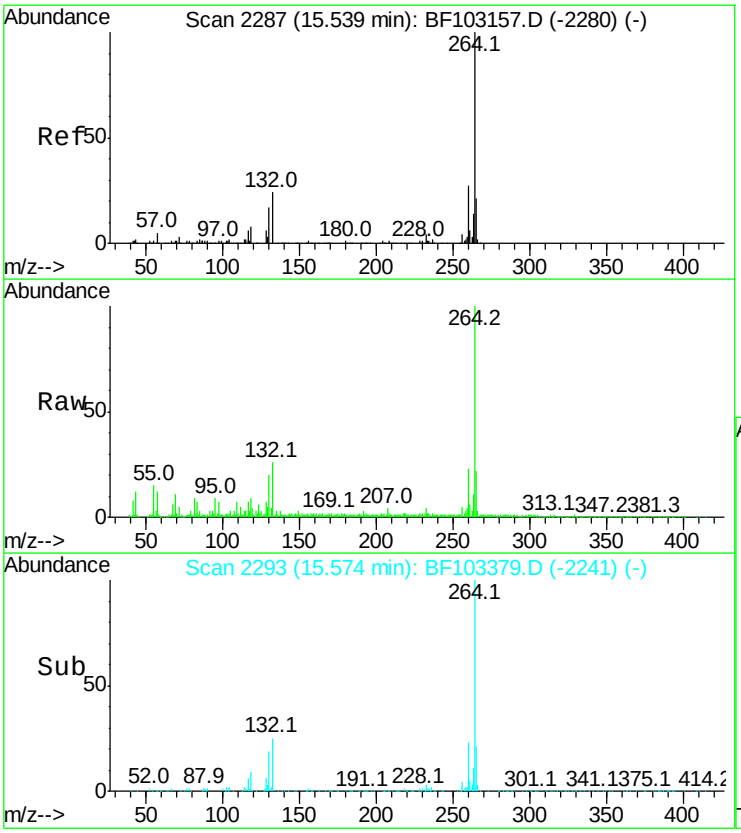
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.025 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:276 Resp: 37801

Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.0	37.6
277	25.5	20.1	30.1

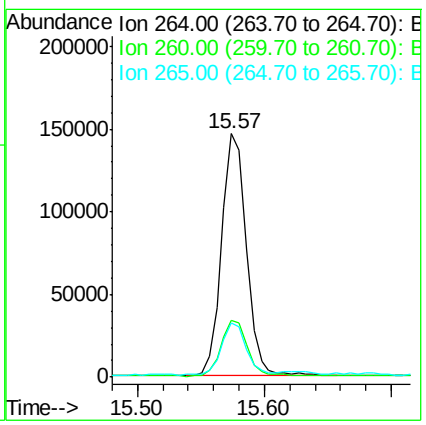


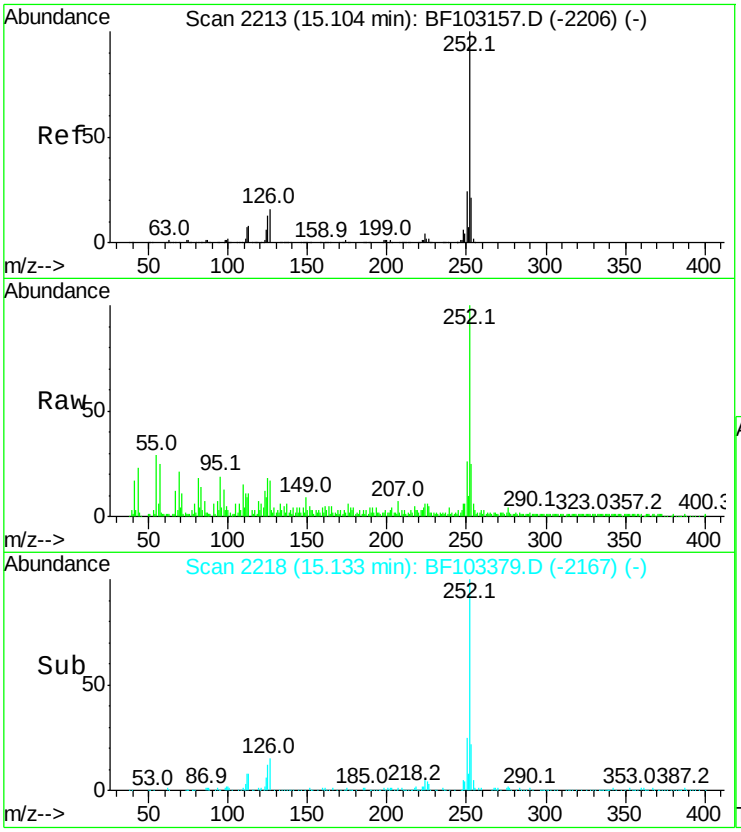


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:264 Resp: 199381

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.5	26.3



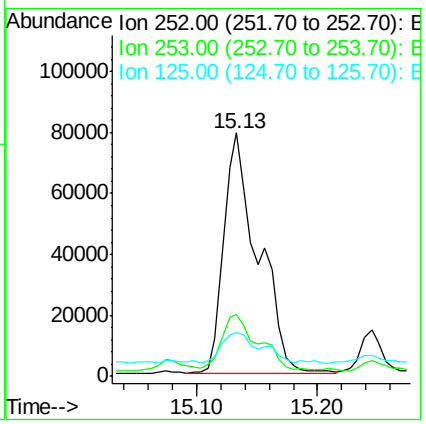


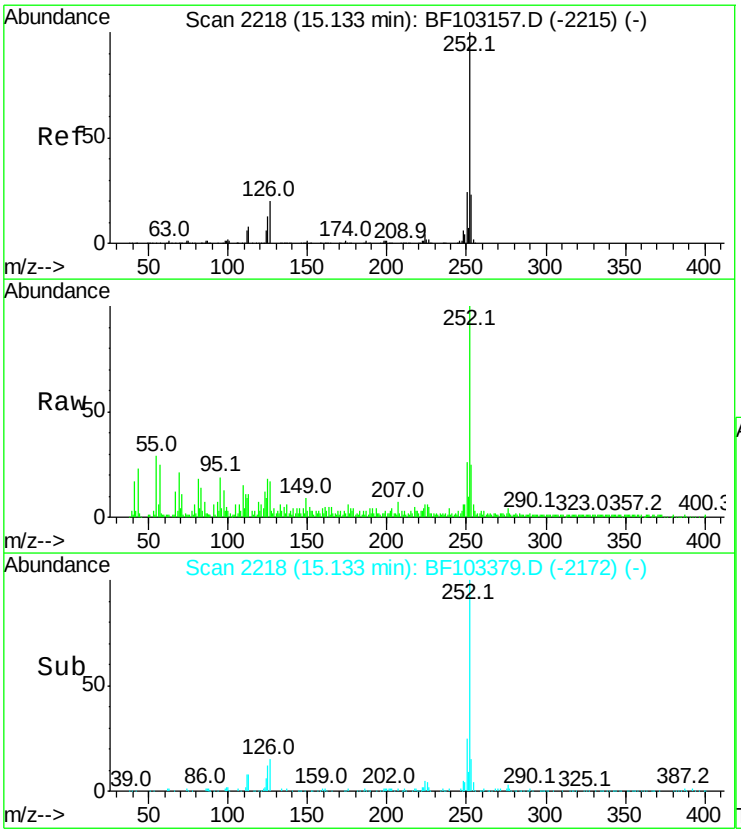
#87
Benzo(b)fluoranthene
Concen: 11.798 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:252 Resp: 154668

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	17.8	9.0	13.6#

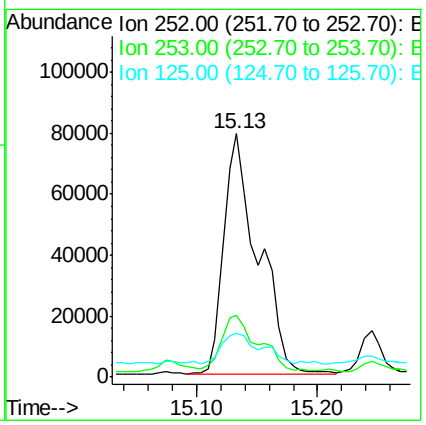


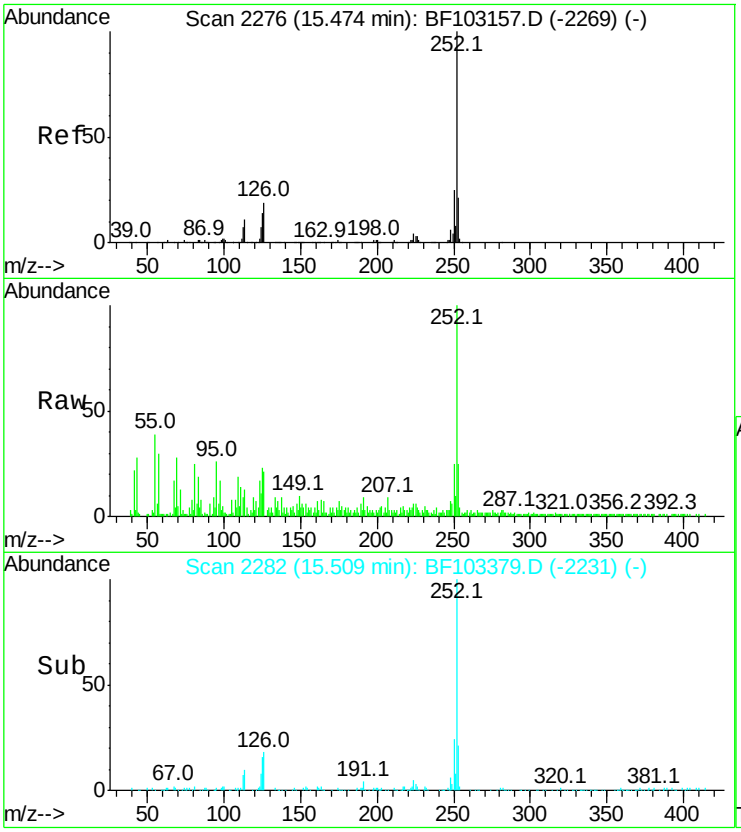


#88
Benzo(k)fluoranthene
Concen: 12.529 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:252 Resp: 154668

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	17.8	10.2	15.2#



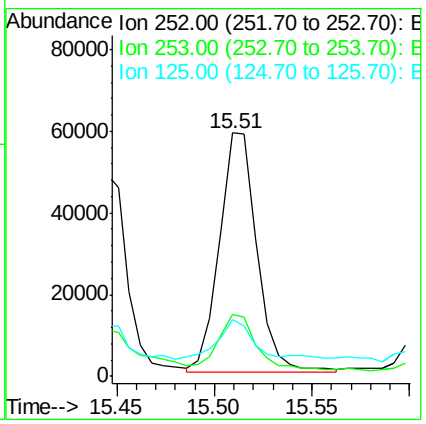


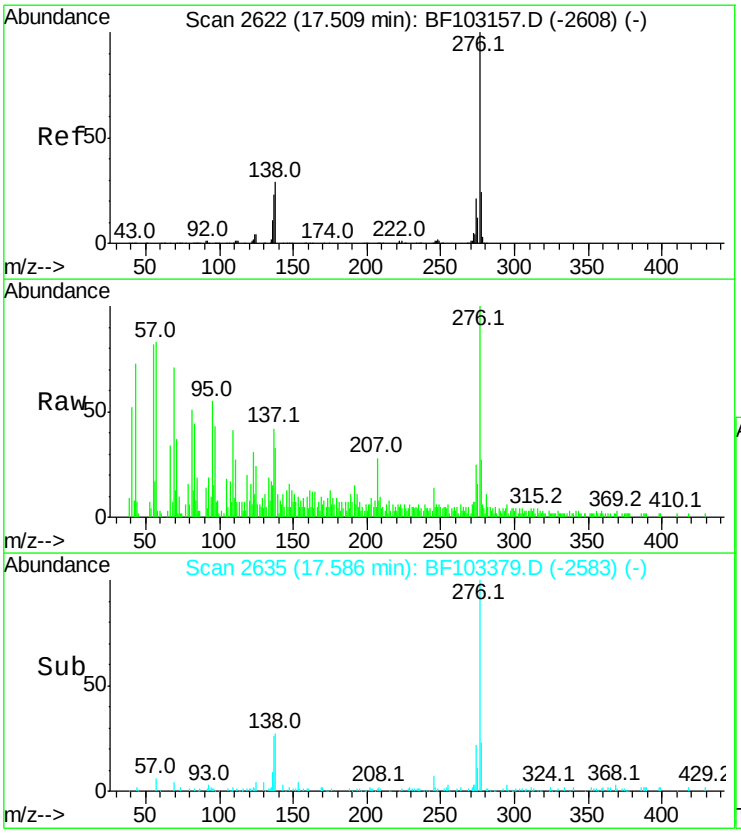
#89
Benzo(a)pyrene
Concen: 6.638 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tgt Ion:252 Resp: 77710

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	23.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.298 ng
RT: 17.59 min Scan# 2635
Delta R.T. 0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:276 Resp: 37995

Ion	Ratio	Lower	Upper
276	100		
277	27.2	17.9	26.9#
138	33.5	21.8	32.8#