Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101266.D
Acq On : 9 Dec 2017 6:35
Operator : SJ/JU
Sample : I6791-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 10 23:41:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40123	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	151523	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	64626	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	111840	20.00	ng		0.00
75) Chrysene-d12	14.00	240	86895	20.00	ng		0.00
86) Perylene-d12	15.48	264	72069	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	124395	51.23	ng		0.00
7) Phenol-d6	6.47	99	354828	120.36	ng		0.00
23) Nitrobenzene-d5	7.39	82	239989	94.48	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	17635	22.72	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	484842	102.65	ng		0.00
78) Terphenyl-d14	12.94	244	389947	98.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	15113	4.611	ng		82
19) n-Nitroso-di-n-propylamine	7.39	70	31262	15.746	ng	#	82
25) Isophorone	7.39	82	239983	55.312	ng	#	64
49) Dimethylphthalate	9.58	163	65635	12.593	ng		98
56) 2,4-Dinitrotoluene	9.86	165	8465	5.754	ng	#	21
77) Pyrene	12.80	202	12277	2.048	ng		95
87) Benzo(b)fluoranthene	15.05	252	11626	2.693	ng	#	68
88) Benzo(k)fluoranthene	15.05	252	11626	2.734	ng	#	71
91) Benzo(g,h,i)perylene	17.41	276	7570	2.322	ng	#	88

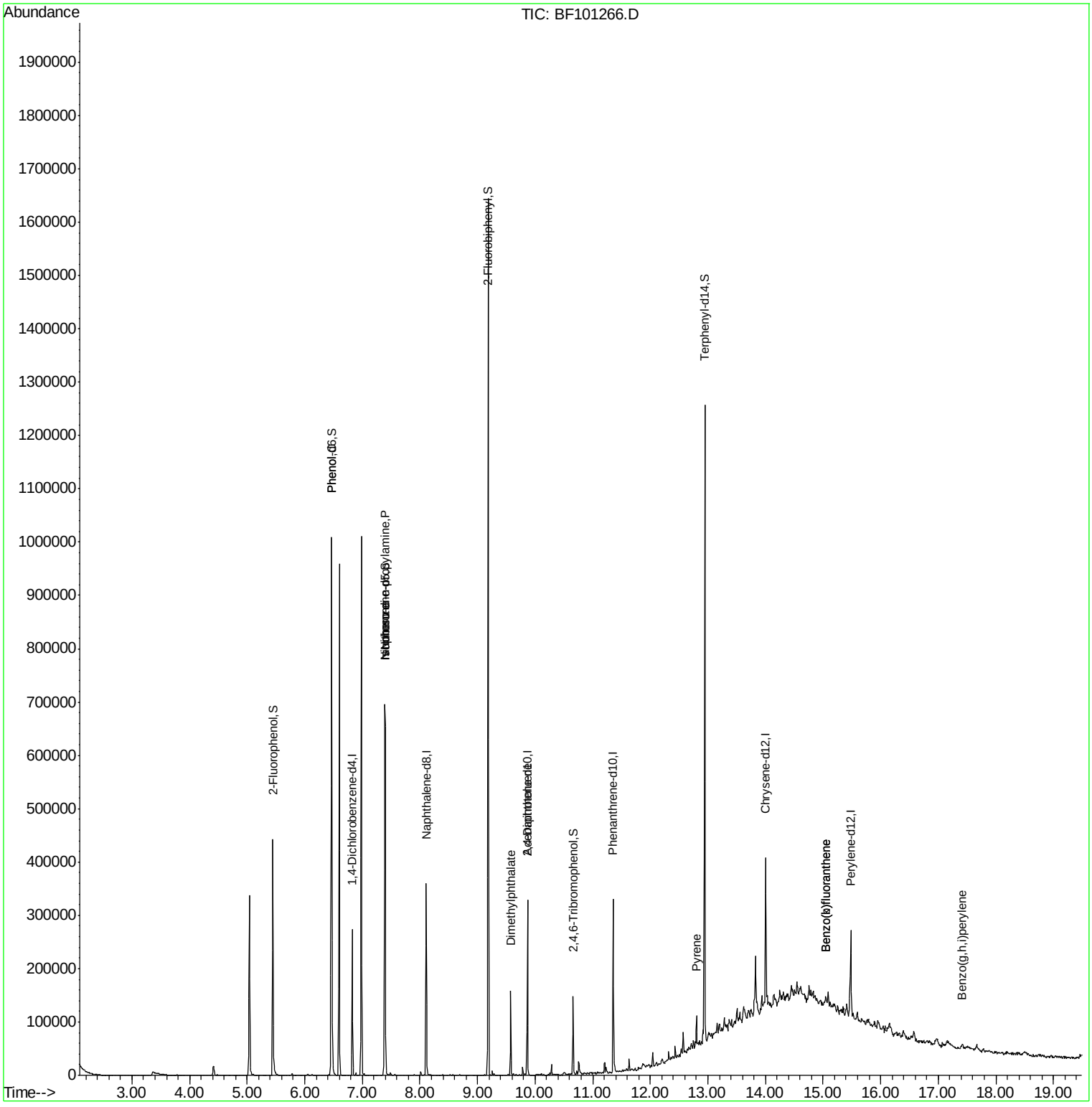
(#) = qualifier out of range (m) = manual integration (+) = signals summed

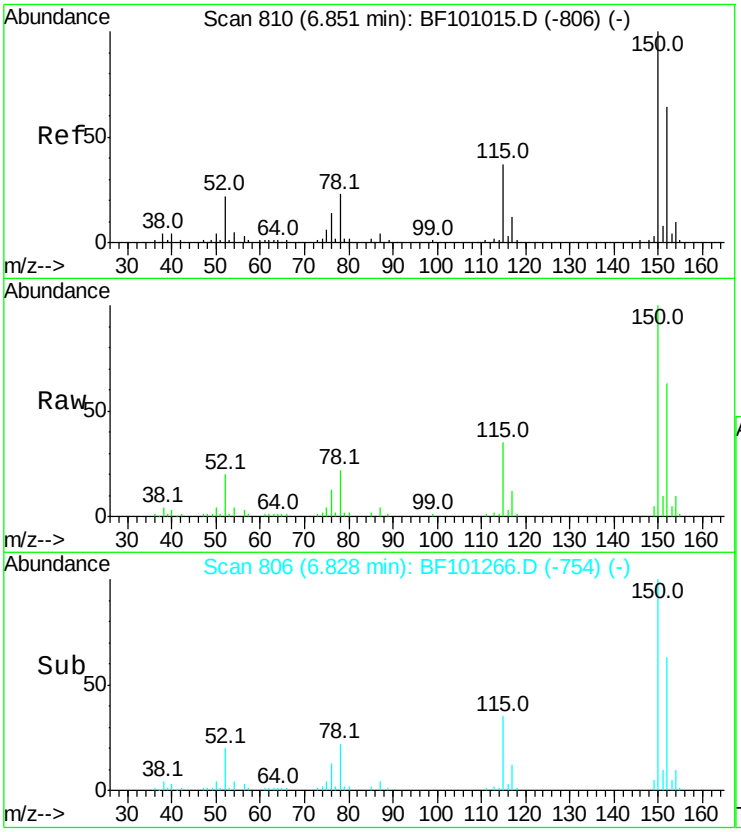
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101266.D
Acq On : 9 Dec 2017 6:35
Operator : SJ/JU
Sample : I6791-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 10 23:41:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



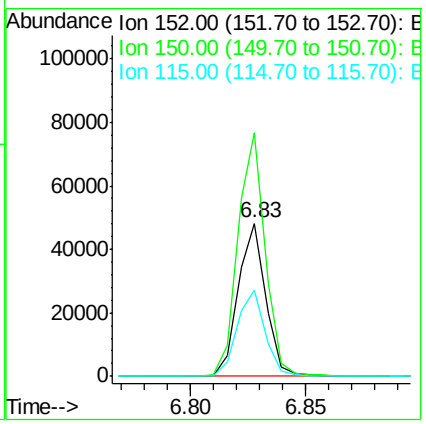


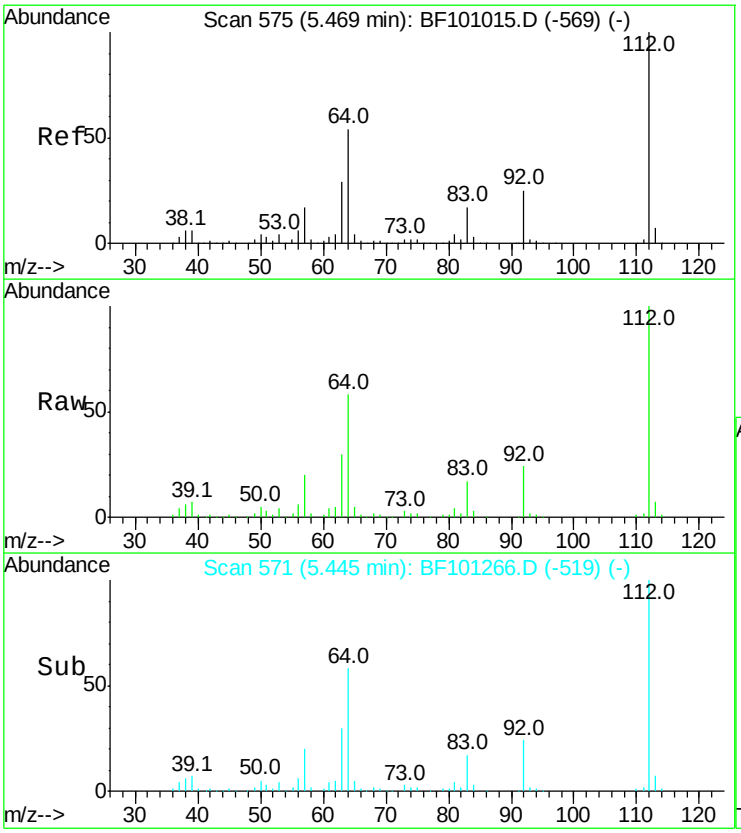
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40123

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	56.4	50.1	75.1

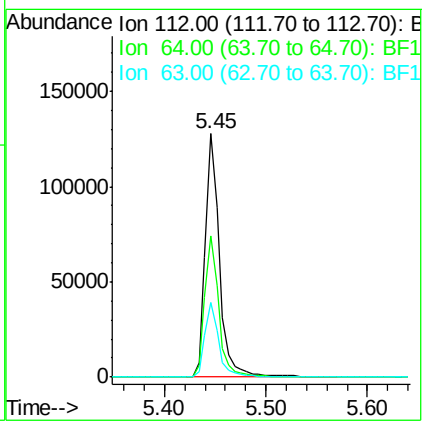


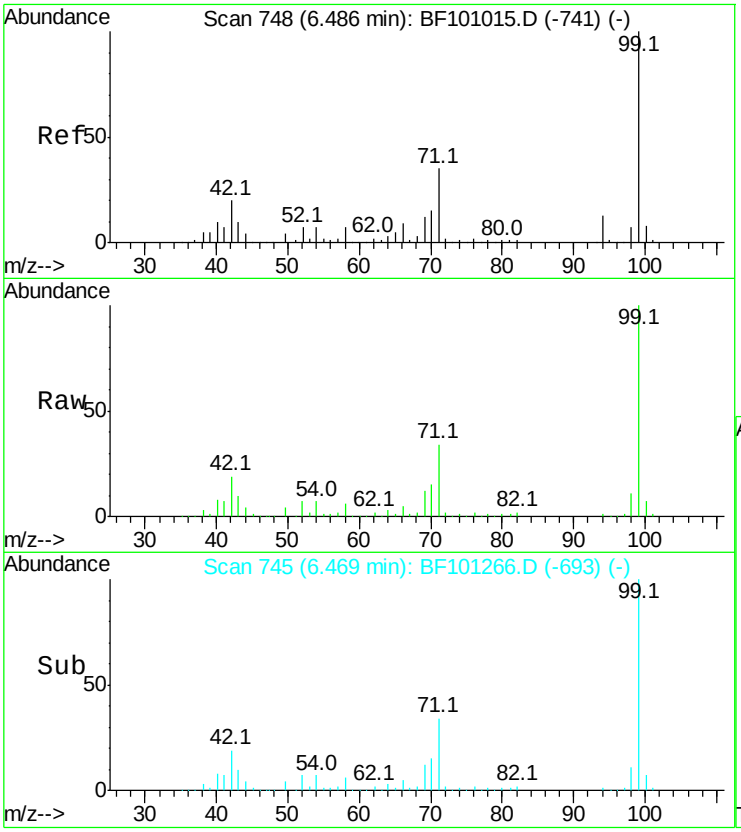


#5
2-Fluorophenol
Concen: 51.231 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion:112 Resp: 124395

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	30.4	23.7	35.5



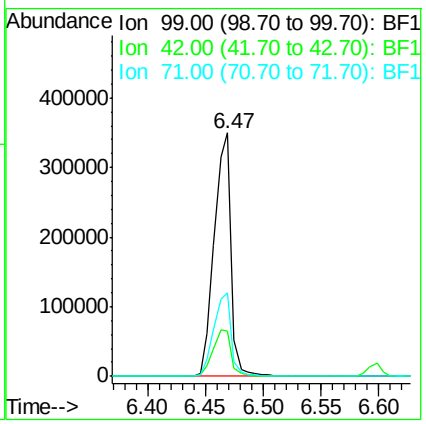


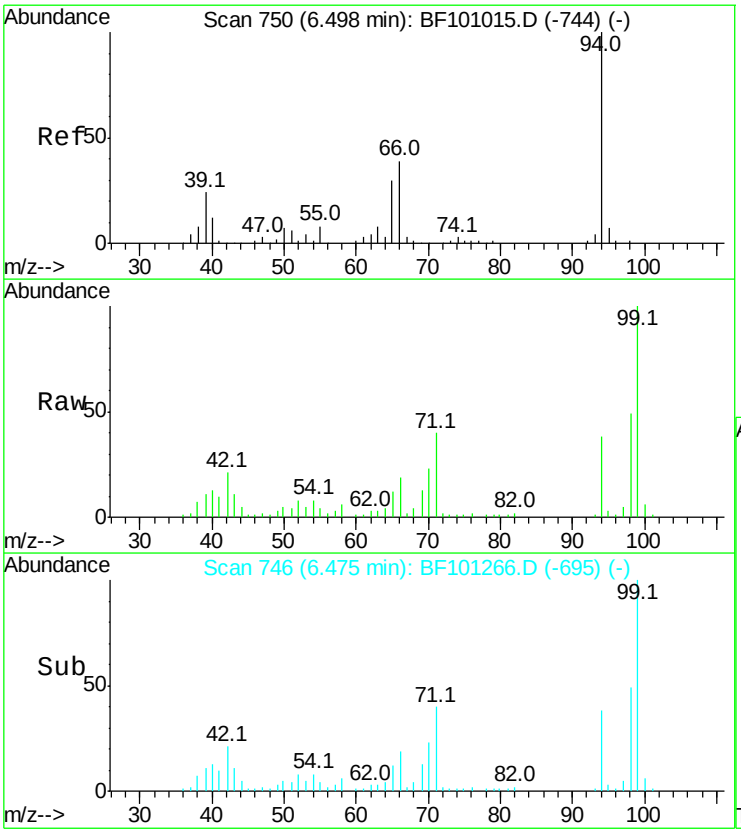
#7
Phenol-d6
Concen: 120.364 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 354828

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.5	25.4	38.0

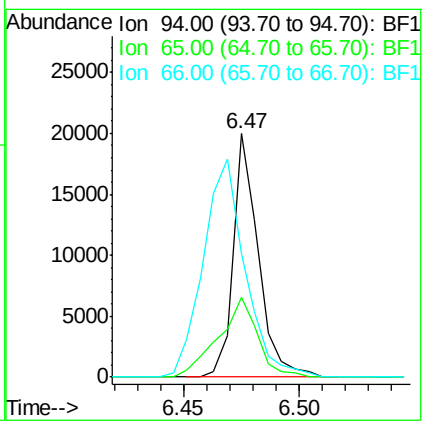


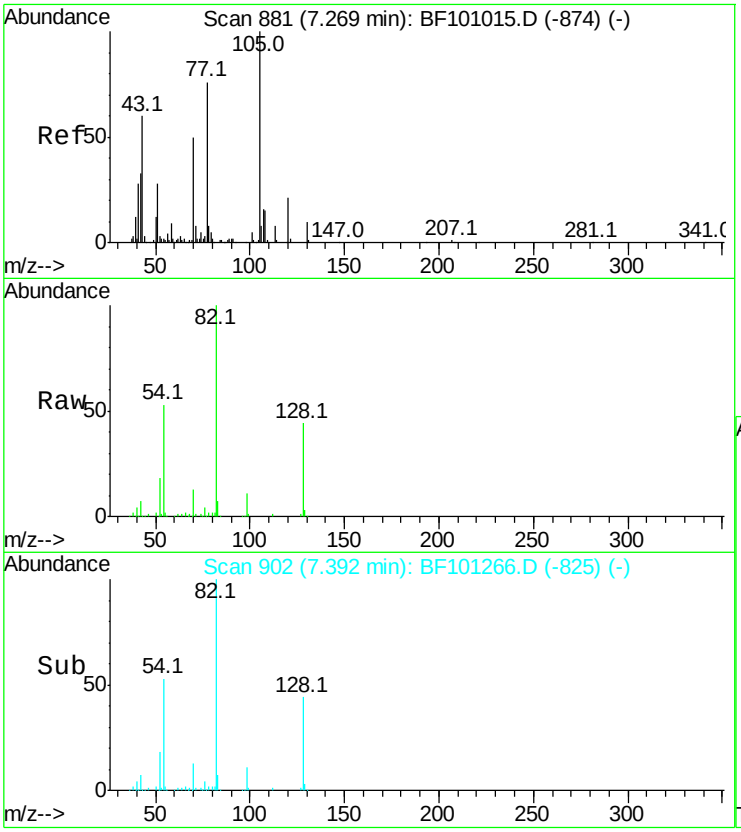


#10
Phenol
Concen: 4.611 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion: 94 Resp: 15113

Ion	Ratio	Lower	Upper
94	100		
65	32.9	7.9	47.9
66	50.9	16.2	56.2



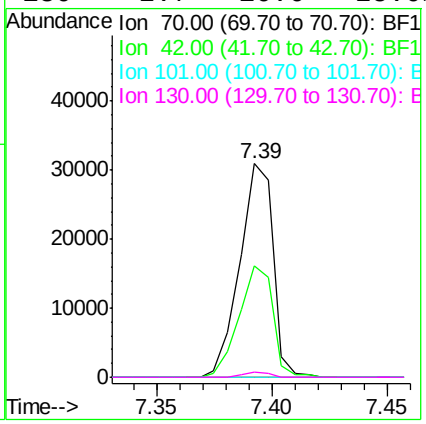


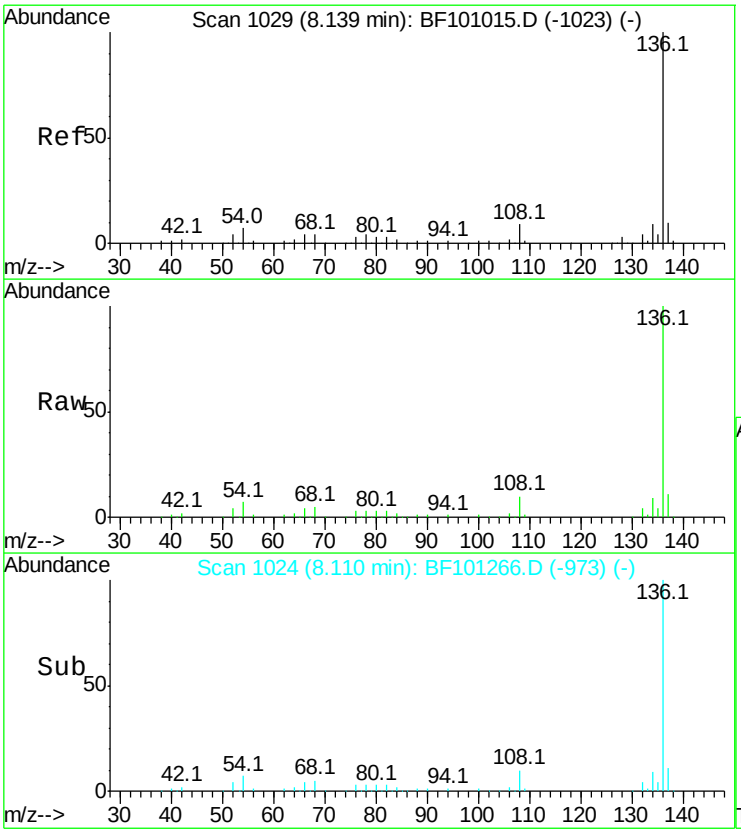
#19
n-Nitroso-di-n-propylamine
Concen: 15.746 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 31262

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#

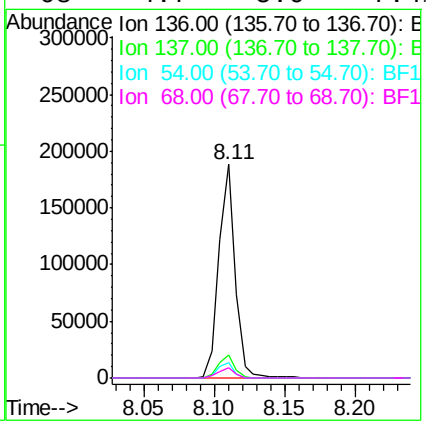


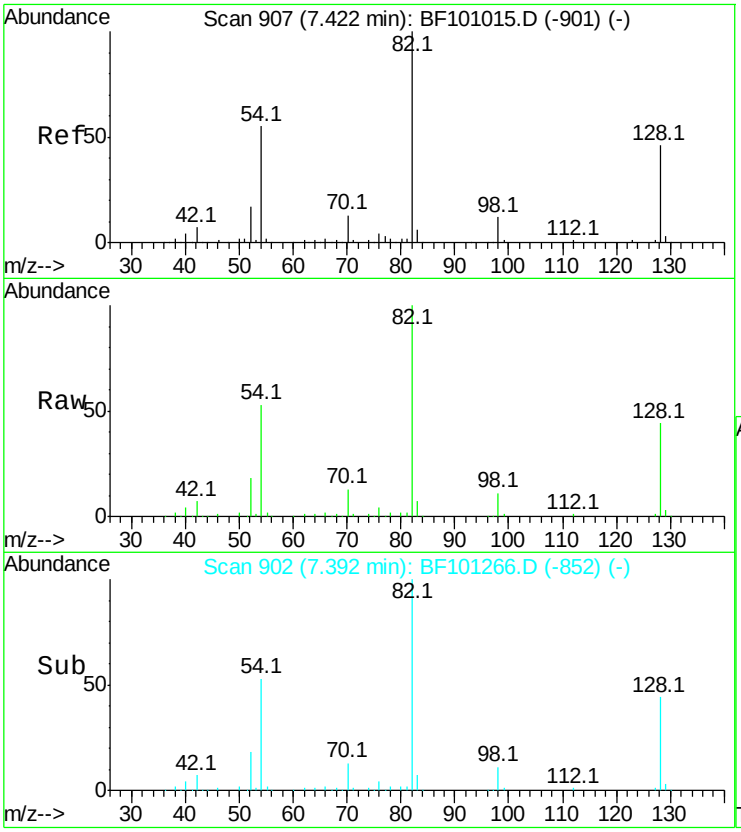


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion:136 Resp: 151523

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	4.7	5.0	7.4#



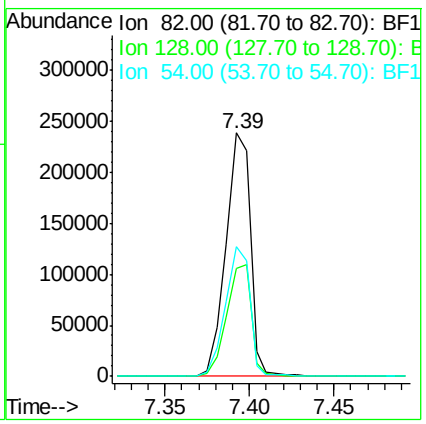


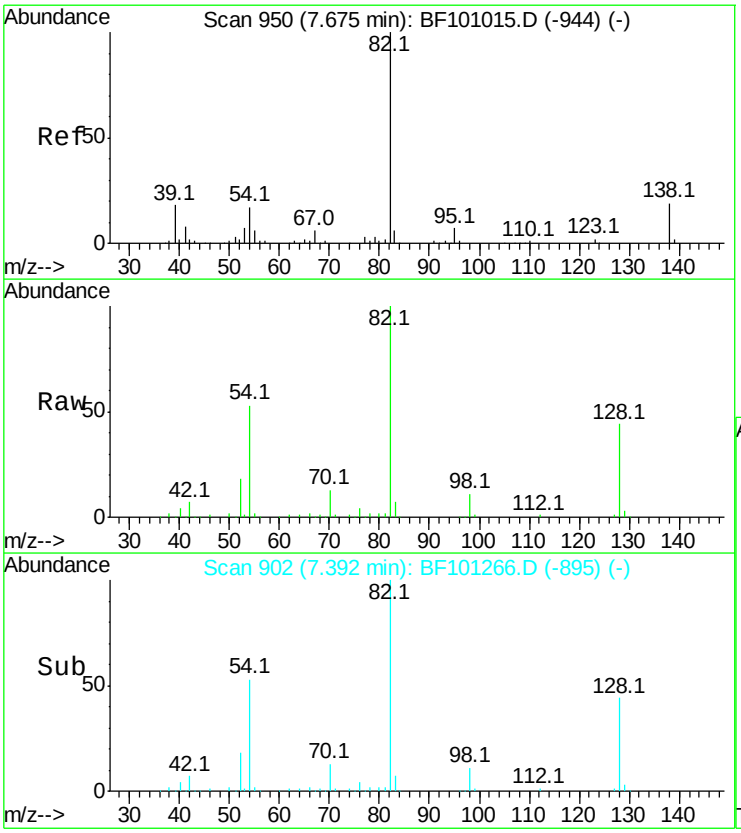
#23
Nitrobenzene-d5
Concen: 94.481 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 239989

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	53.3	41.4	62.2

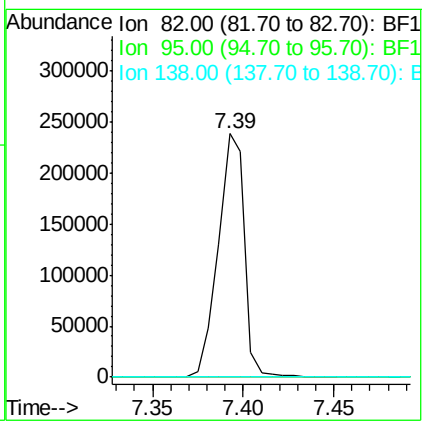


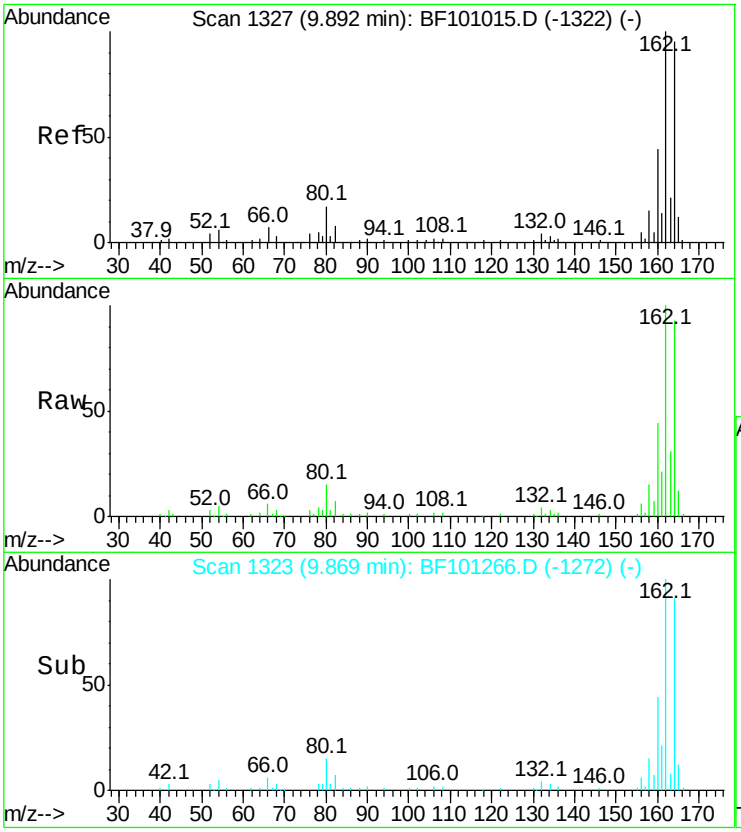


#25
Isophorone
Concen: 55.312 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion: 82 Resp: 239983

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



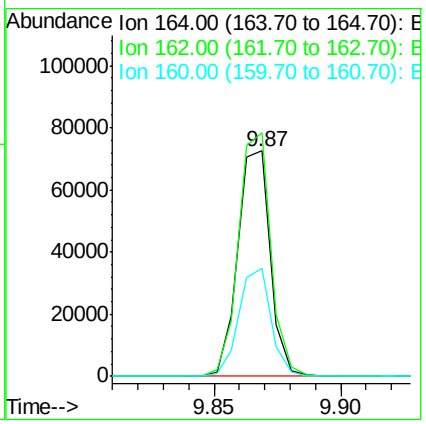


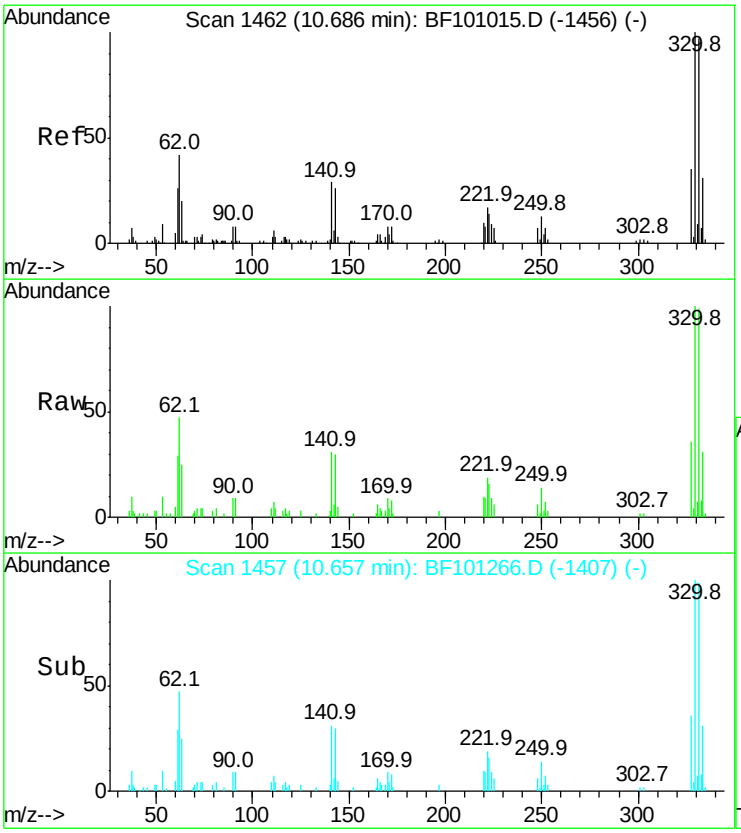
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 64626

Ion	Ratio	Lower	Upper
164	100		
162	108.0	86.1	129.1
160	47.8	38.3	57.5

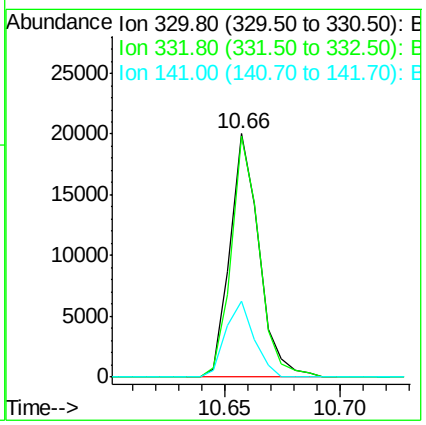


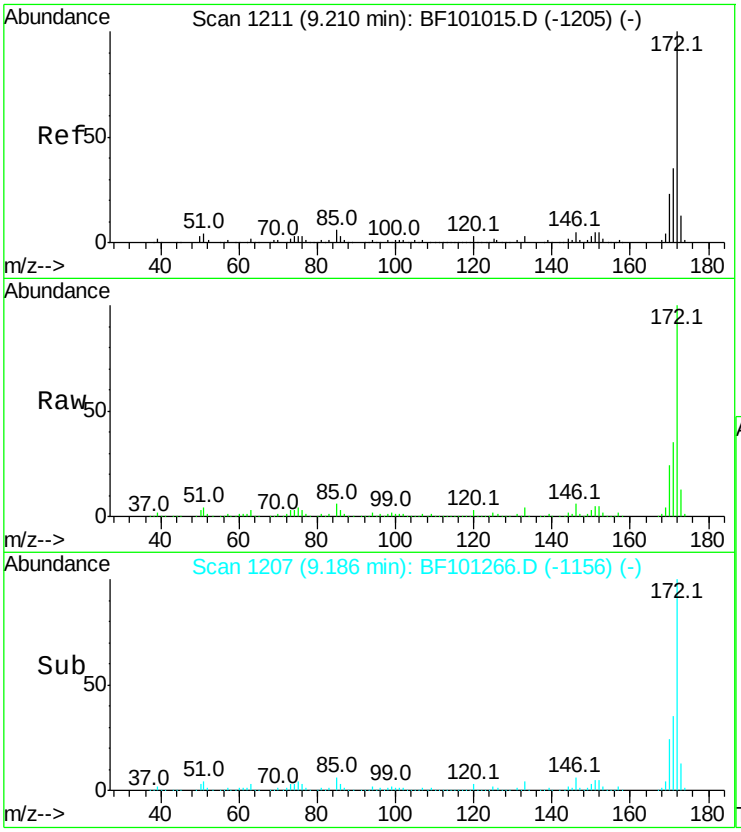


#41
2,4,6-Tribromophenol
Concen: 22.716 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion:330 Resp: 17635

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	30.4	29.9	44.9



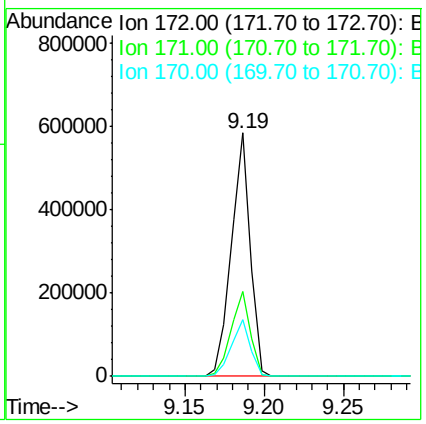


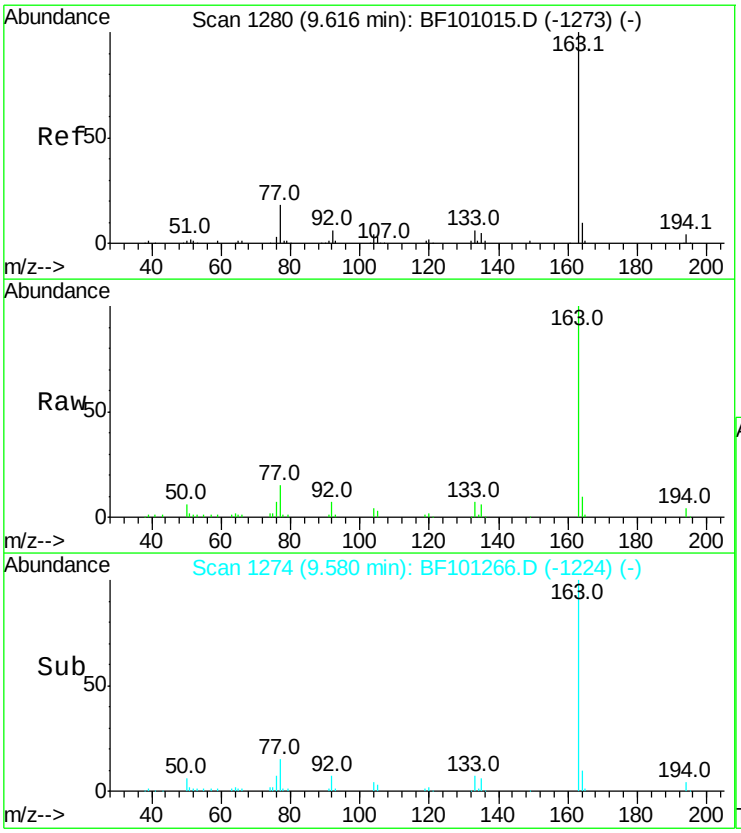
#44
2-Fluorobiphenyl
Concen: 102.646 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 484842

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.5	19.6	29.4

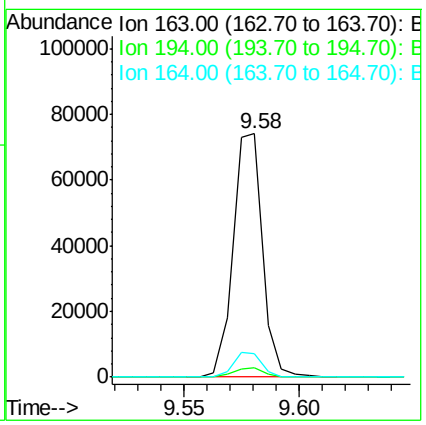


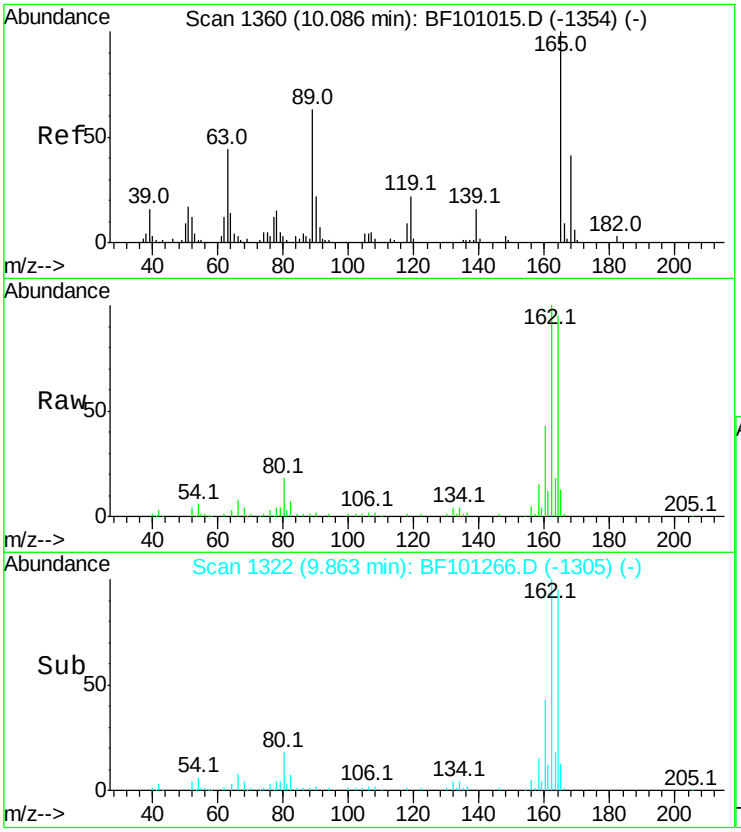


#49
Dimethylphthalate
Concen: 12.593 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion:163 Resp: 65635

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2



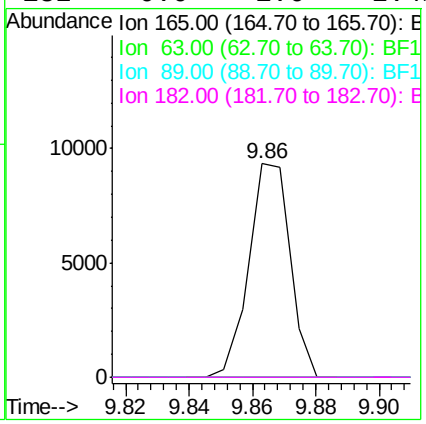


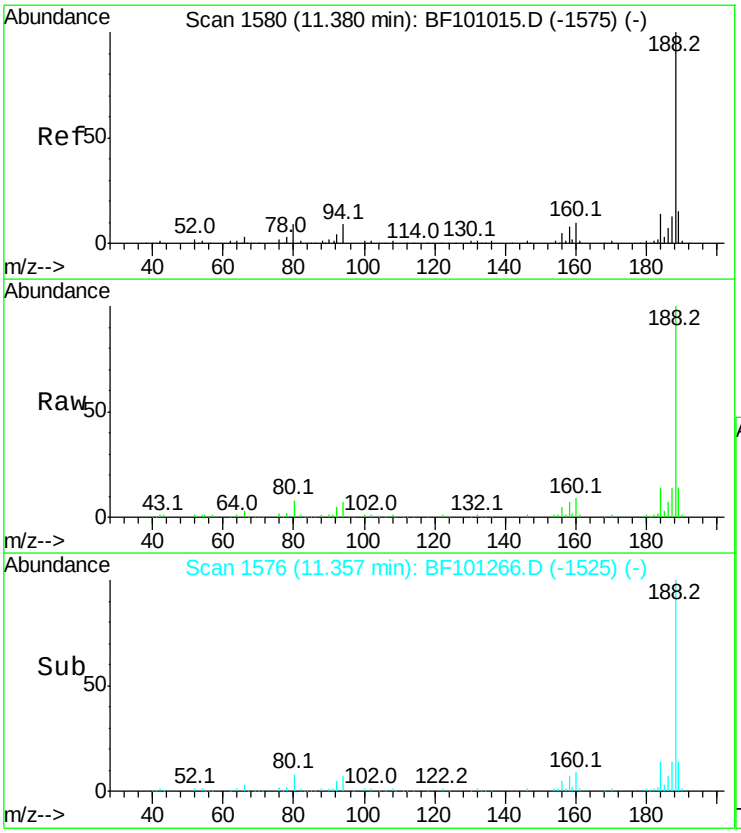
#56
2,4-Dinitrotoluene
Concen: 5.754 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8465

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#

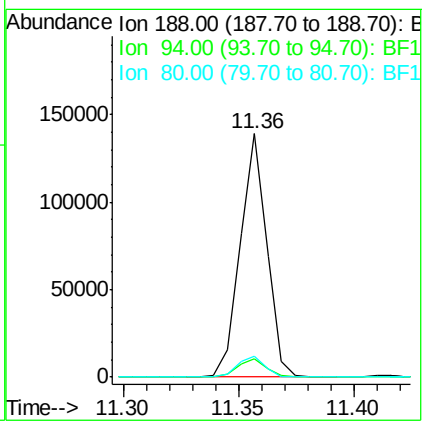


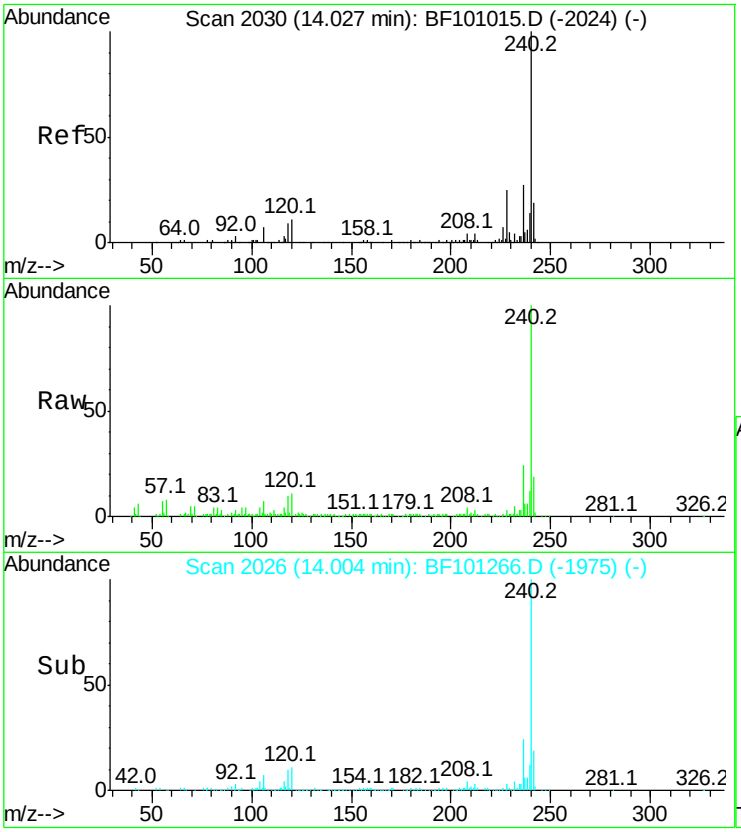


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion:188 Resp: 111840

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	8.3	9.2	13.8#



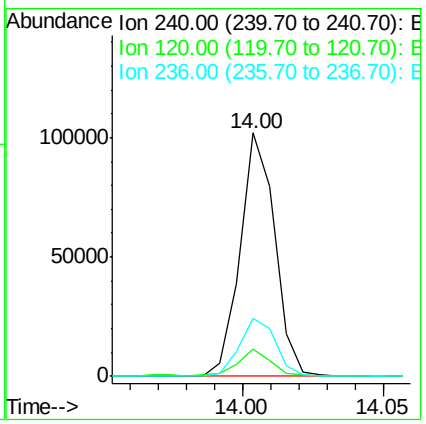


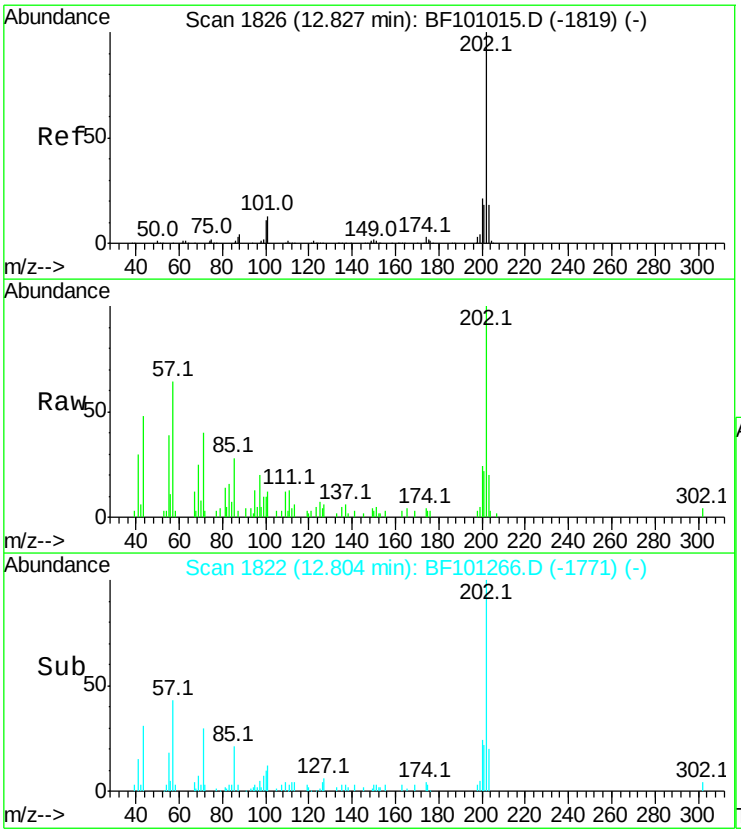
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 86895

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	23.8	20.7	31.1

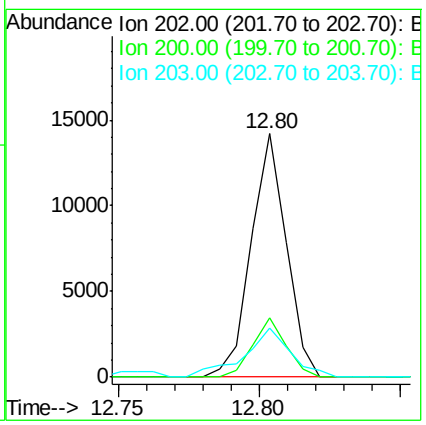


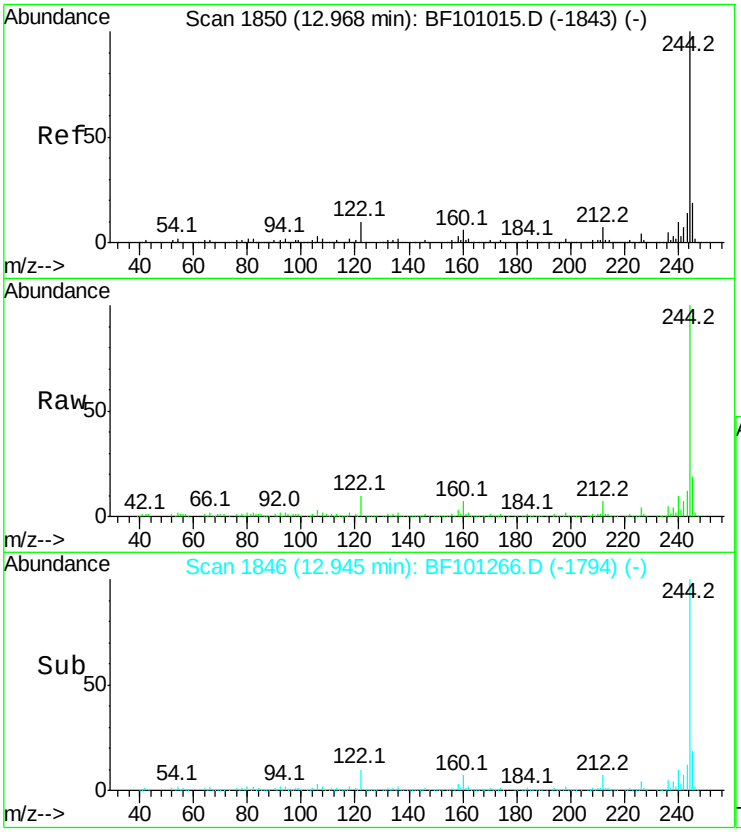


#77
Pyrene
Concen: 2.048 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion:202 Resp: 12277

Ion	Ratio	Lower	Upper
202	100		
200	24.5	17.4	26.2
203	20.2	14.3	21.5



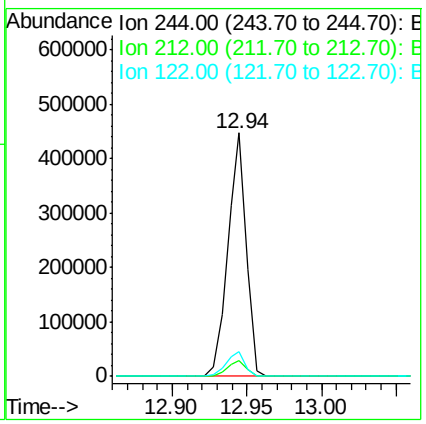


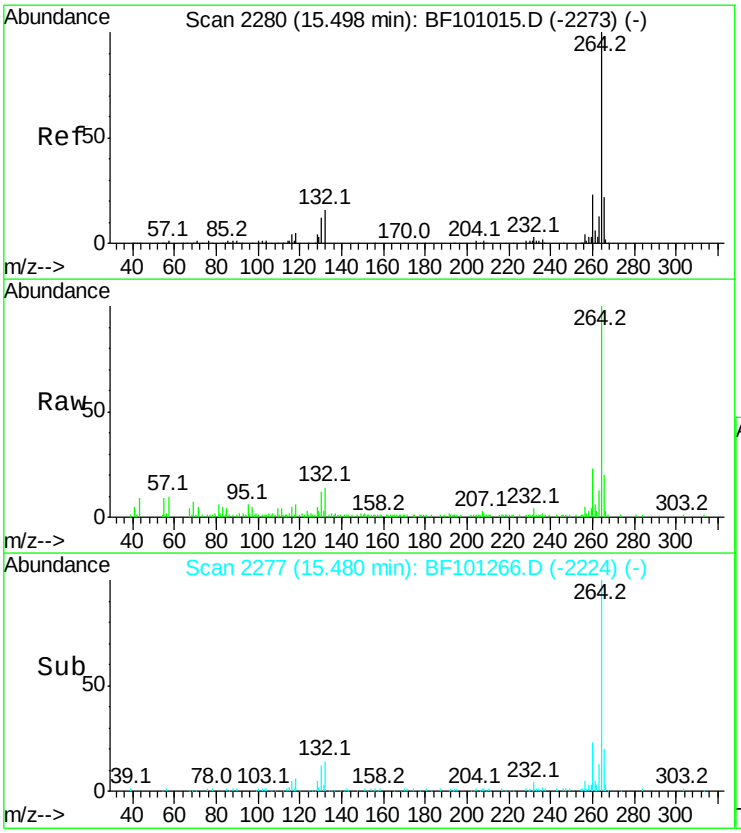
#78
Terphenyl-d14
Concen: 98.155 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 389947

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.1	11.0	16.4#

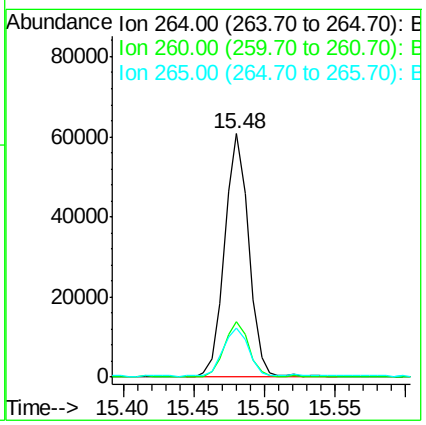


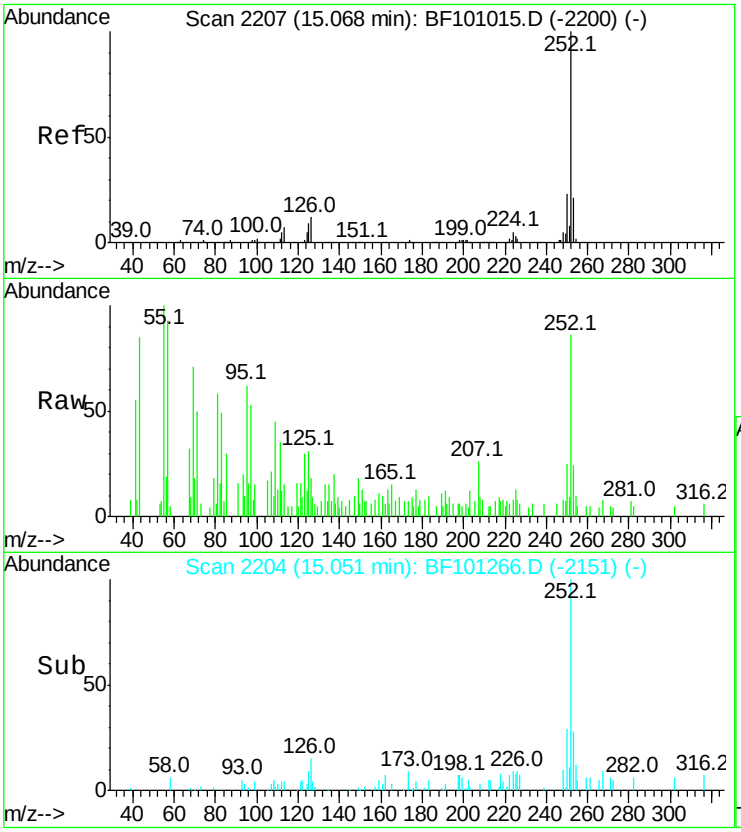


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion:264 Resp: 72069

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.3	17.5	26.3



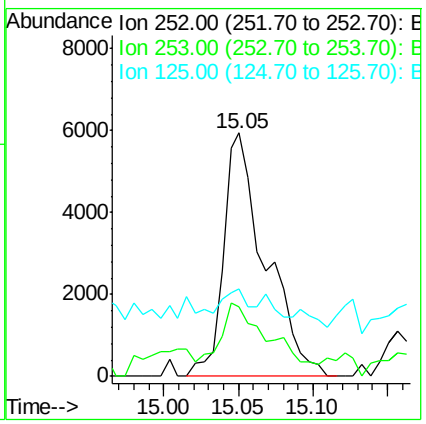


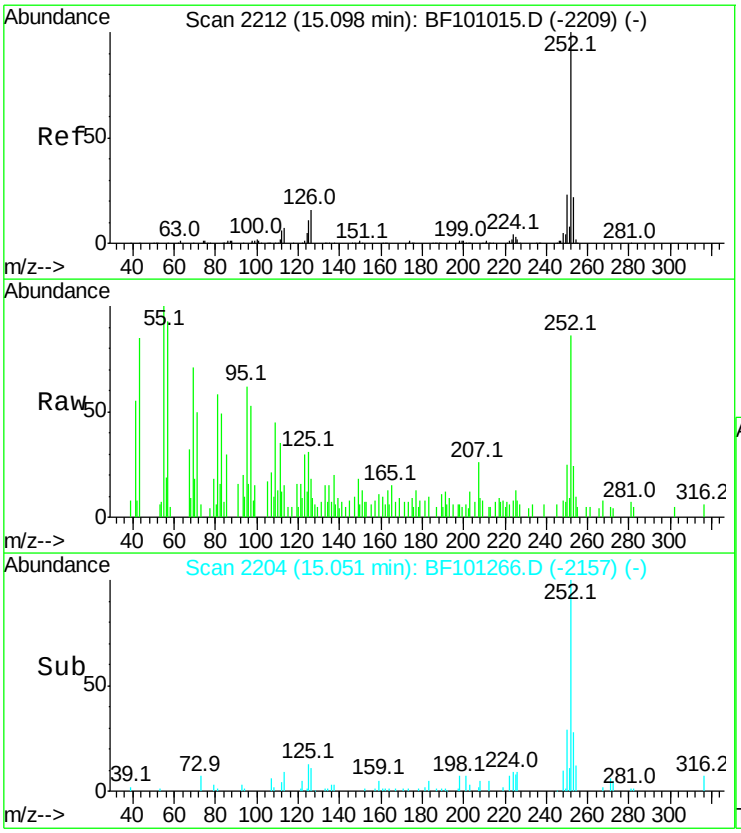
#87
Benzo(b)fluoranthene
Concen: 2.693 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 11626

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.0	25.6#
125	35.9	9.0	13.6#

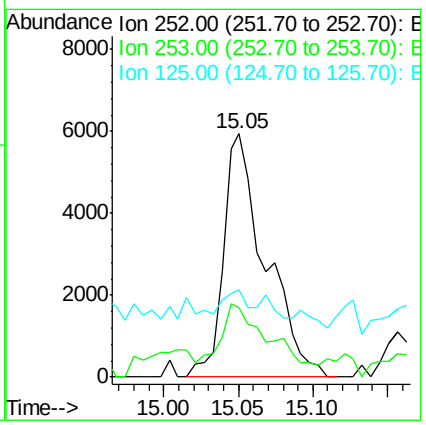


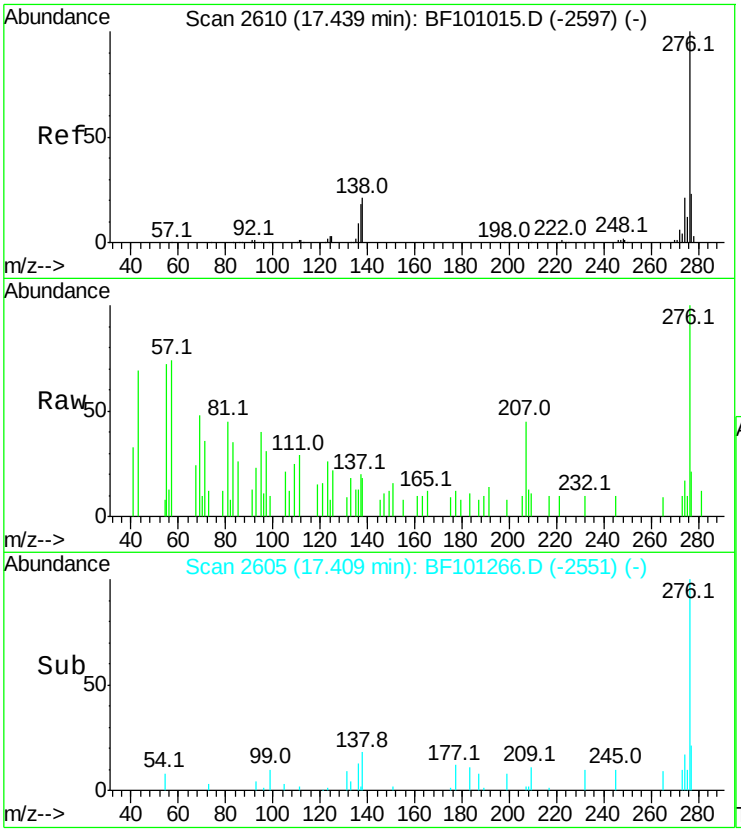


#88
Benzo(k)fluoranthene
Concen: 2.734 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Tgt Ion:252 Resp: 11626

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.9	26.9#
125	35.9	10.2	15.2#





#91
Benzo(g,h,i)perylene
Concen: 2.322 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.02 min
Lab File: BF101266.D
Acq: 9 Dec 2017 6:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 7570

Ion	Ratio	Lower	Upper
276	100		
277	20.7	17.9	26.9
138	17.7	21.8	32.8#