Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100580.D
Acq On : 15 Nov 2017 11:41
Operator : SJ/JU
Sample : PB104203BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 15 13:30:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	116885	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	474267	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	224694	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	445759	20.00	ng	0.00
75) Chrysene-d12	14.04	240	343866	20.00	ng	-0.01
86) Perylene-d12	15.51	264	259887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	749029	102.72	ng	0.01
7) Phenol-d6	6.51	99	901358	100.24	ng	0.00
23) Nitrobenzene-d5	7.44	82	574006	80.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	252209	110.15	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1110619	75.26	ng	0.00
78) Terphenyl-d14	12.99	244	1078732	72.08	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.44	82	573136	38.020	ng	# 64
26) 2-Nitrophenol	7.77	139	1481	5.759	ng	# 74
32) Benzoic acid	7.85	122	247	9.409	ng	90
47) 2-Nitroaniline	9.45	65	1587	3.143	ng	82
64) 4,6-Dinitro-2-methylphenol	10.70	198	463	8.739	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111517\
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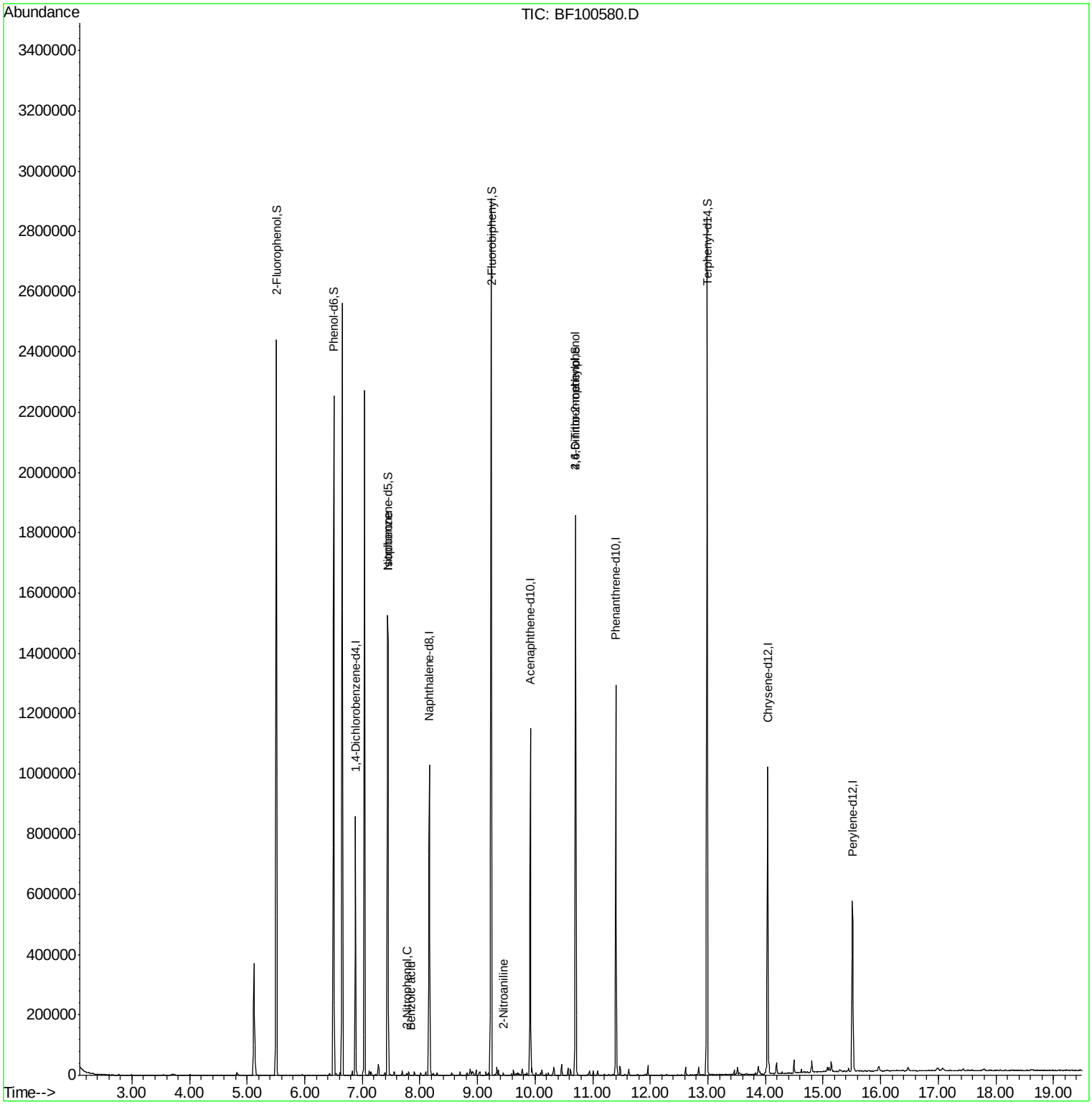
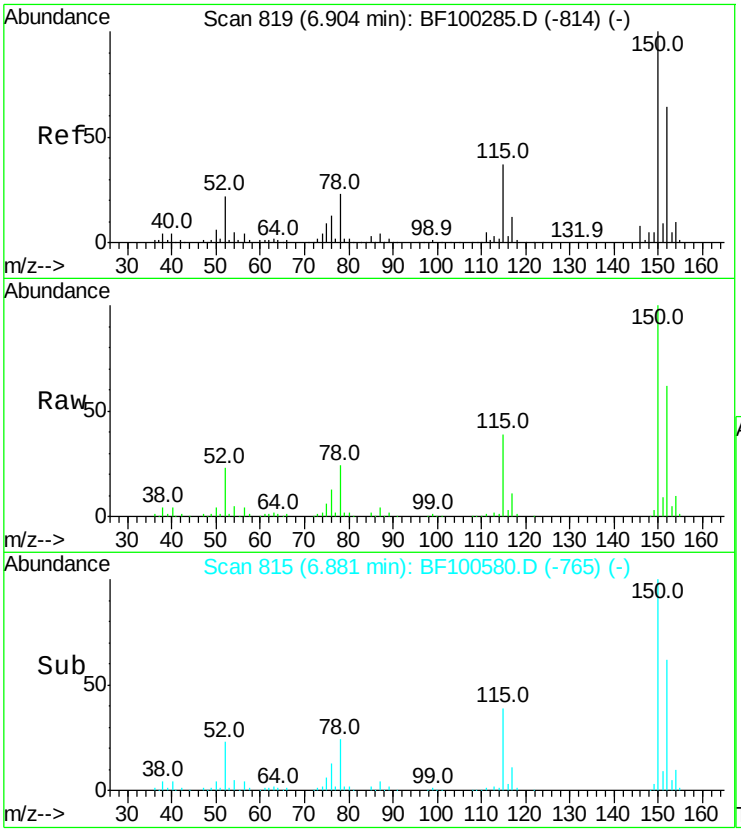


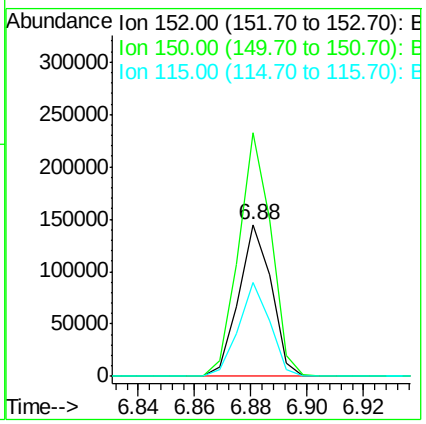


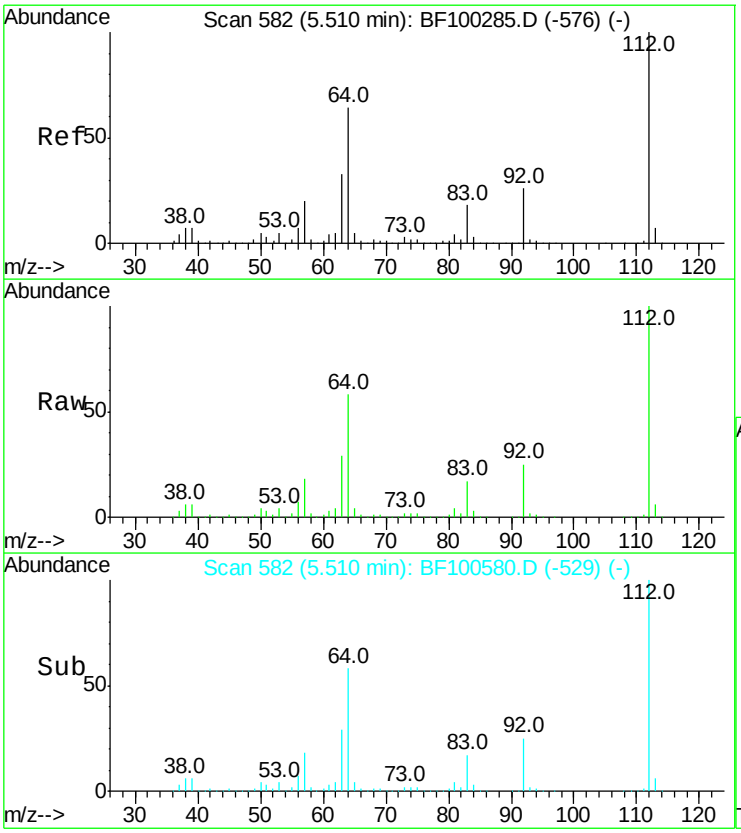
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116885

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	61.7	50.1	75.1

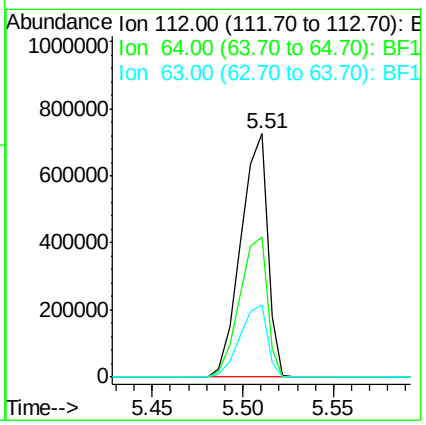


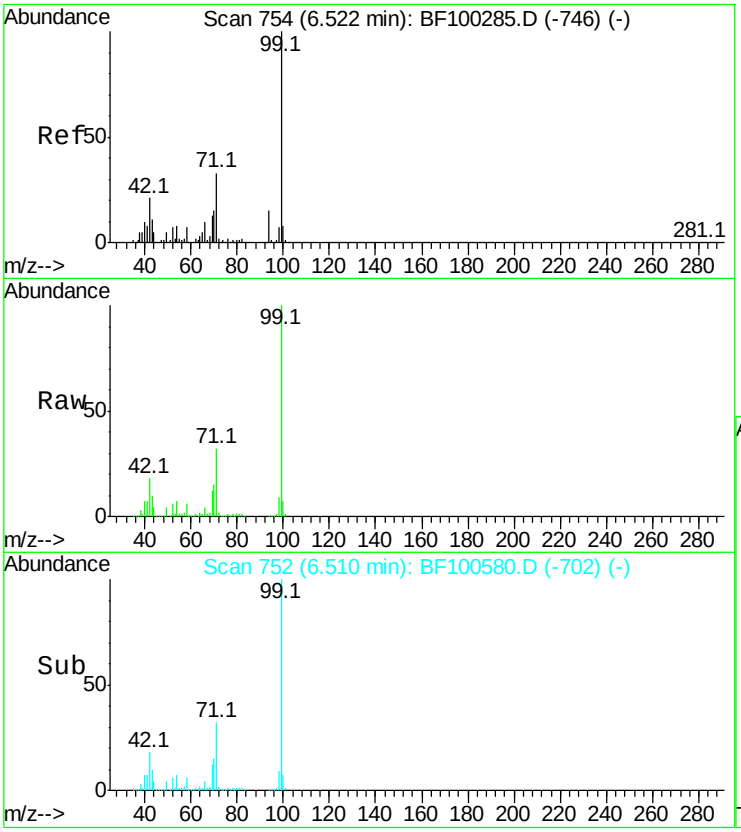


#5
2-Fluorophenol
Concen: 102.724 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Tgt Ion:112 Resp: 749029

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.5	23.7	35.5



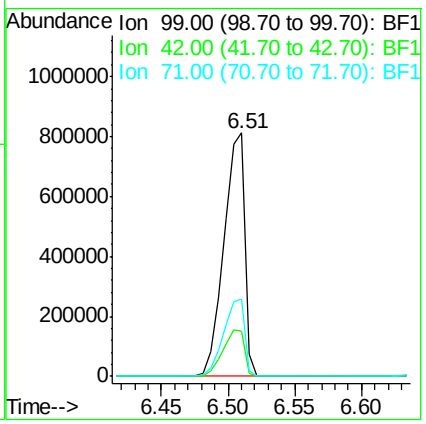


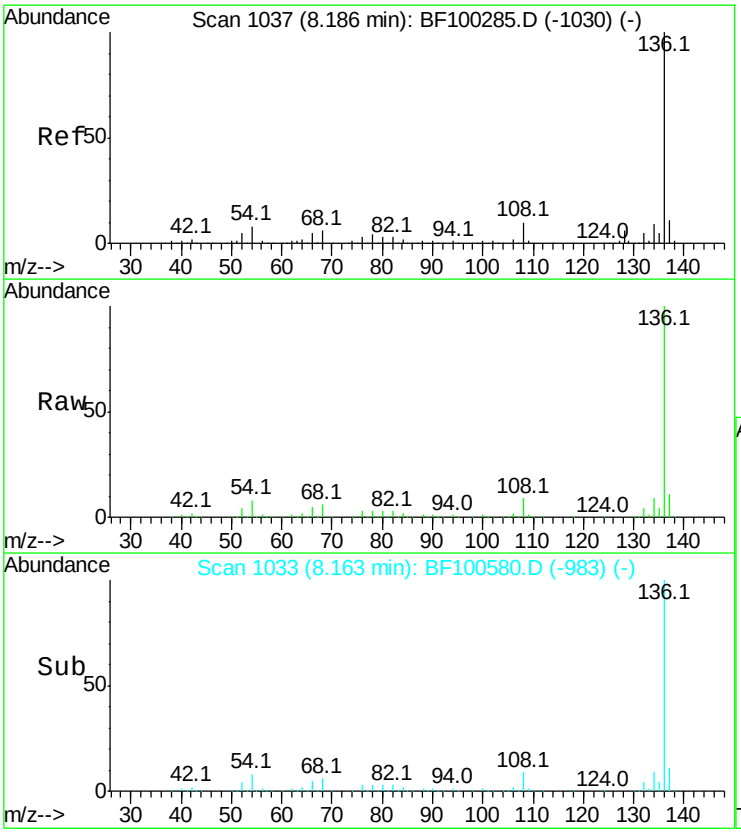
#7
Phenol-d6
Concen: 100.244 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 901358

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	31.5	25.4	38.0

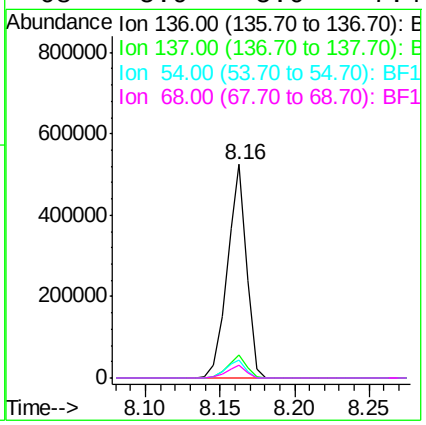


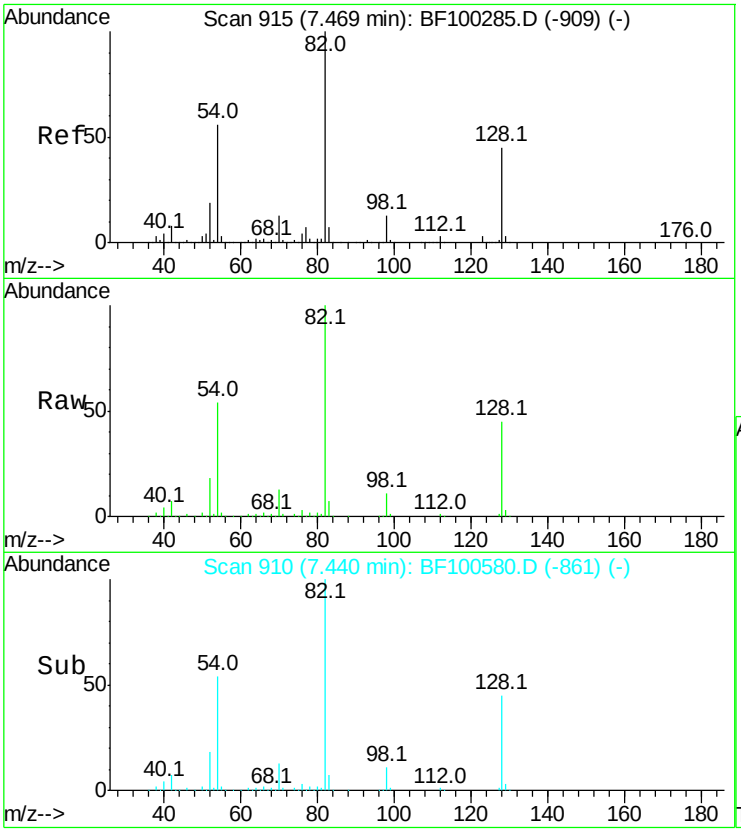


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Tgt Ion:136 Resp: 474267

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	6.6	9.8
68	5.9	5.0	7.4



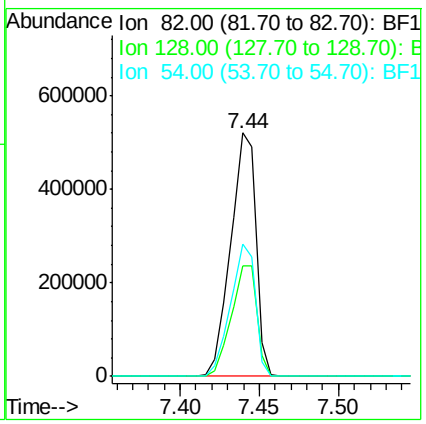


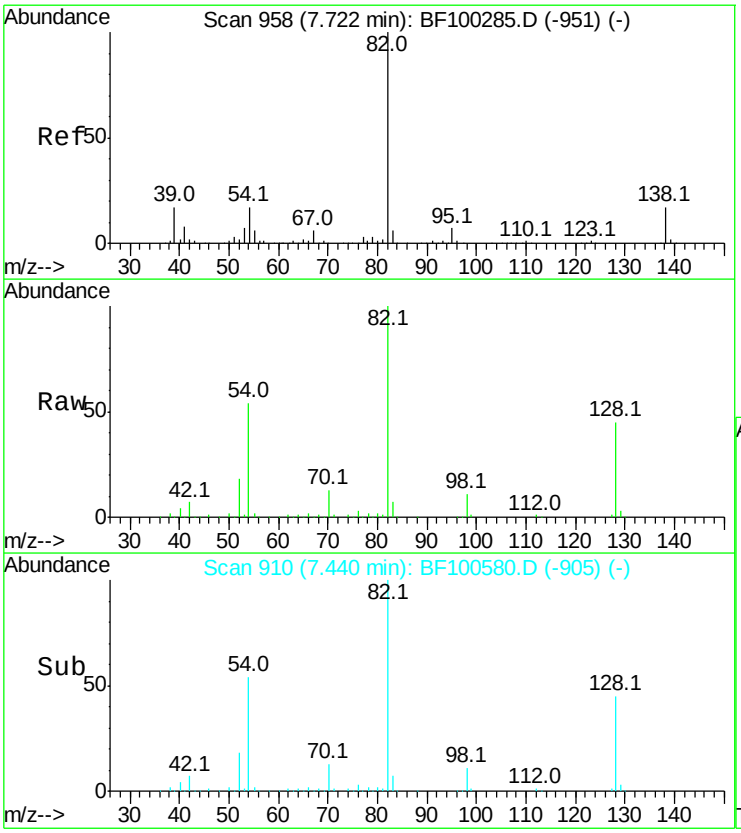
#23
Nitrobenzene-d5
Concen: 80.017 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 574006

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.2	41.4	62.2

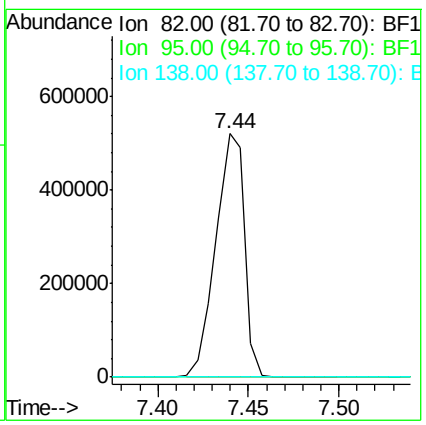


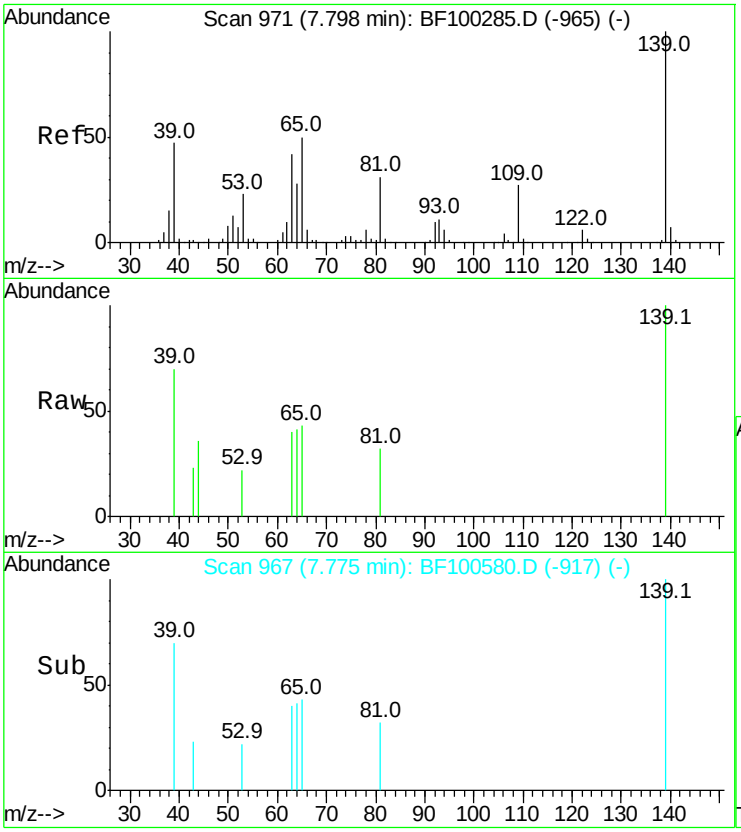


#25
Isophorone
Concen: 38.020 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Tgt Ion: 82 Resp: 573136

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



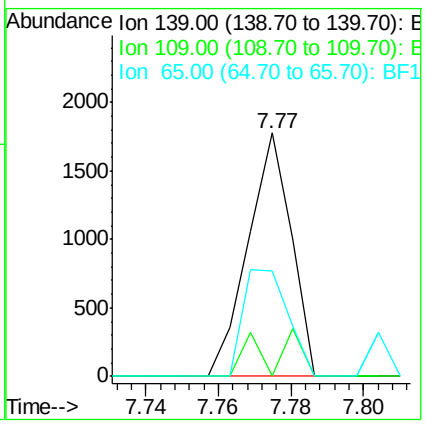


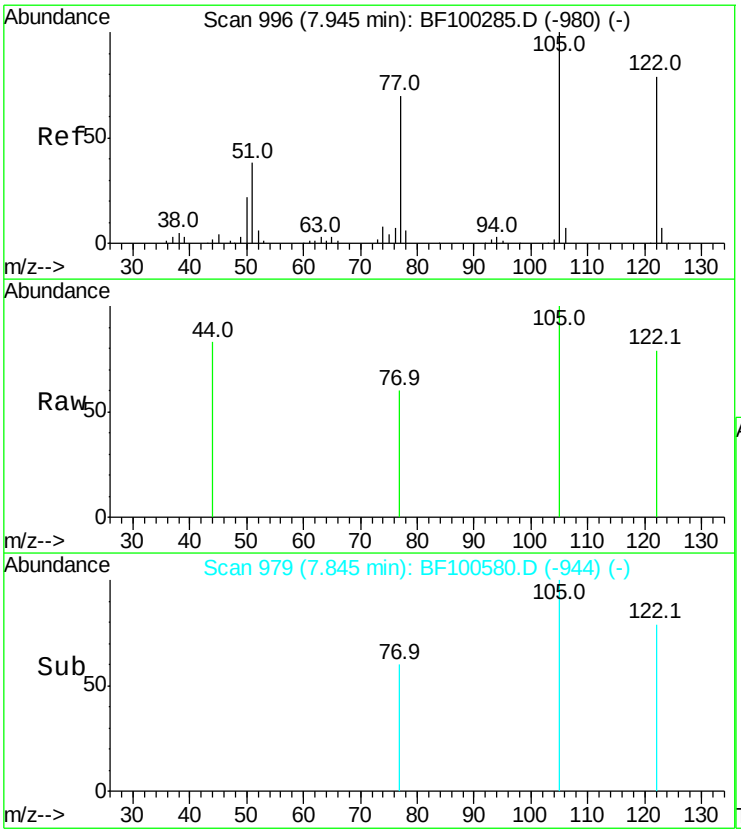
#26
2-Nitrophenol
Concen: 5.759 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1481

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	43.4	40.5	60.7

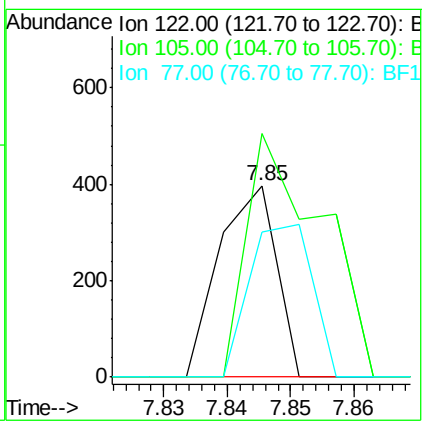


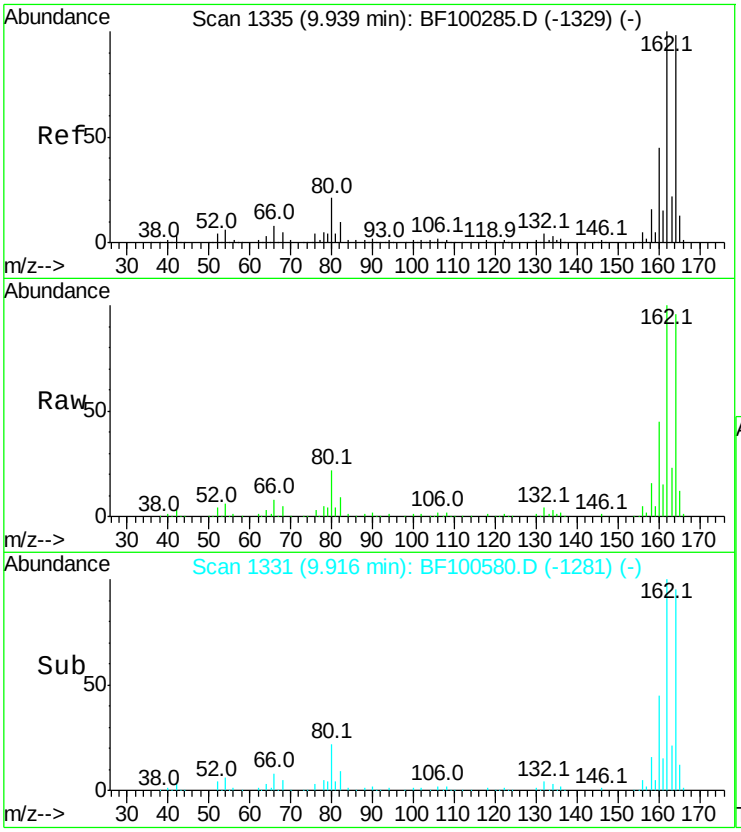


#32
Benzoic acid
Concen: 9.409 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.09 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Tgt Ion:122 Resp: 247

Ion	Ratio	Lower	Upper
122	100		
105	127.2	101.1	141.1
77	75.8	70.7	110.7



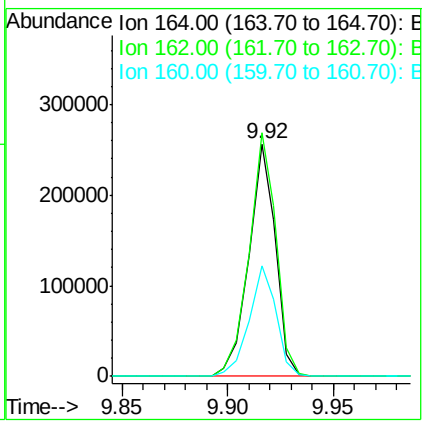


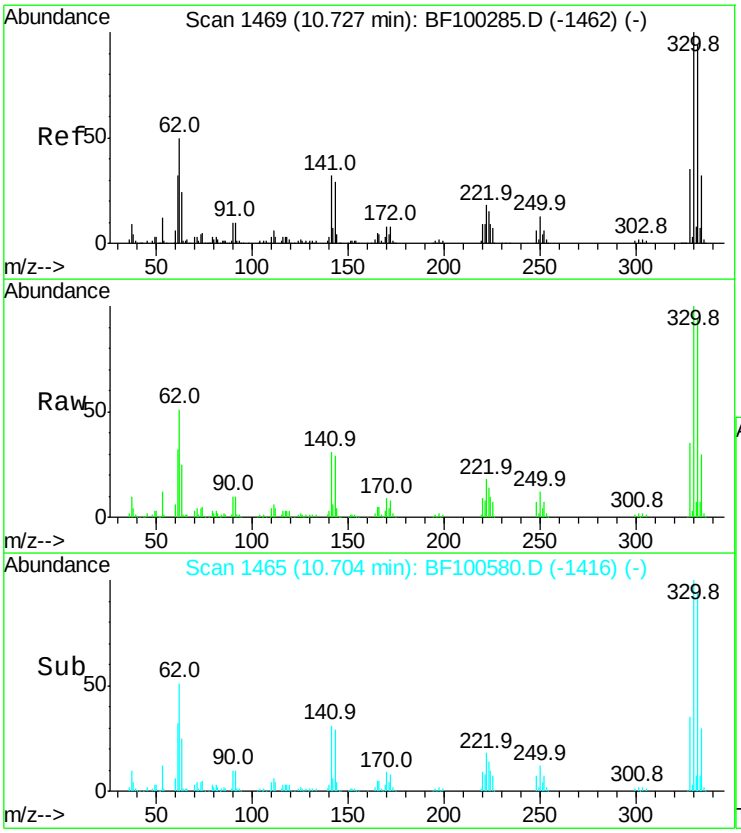
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 224694

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.3	38.3	57.5

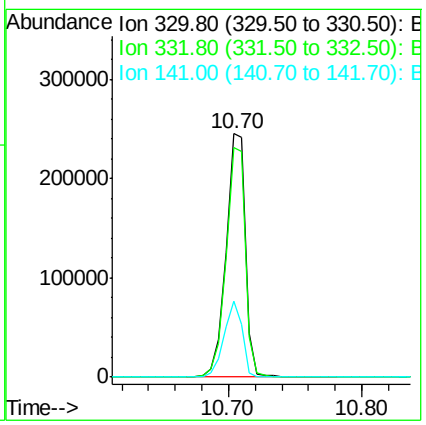


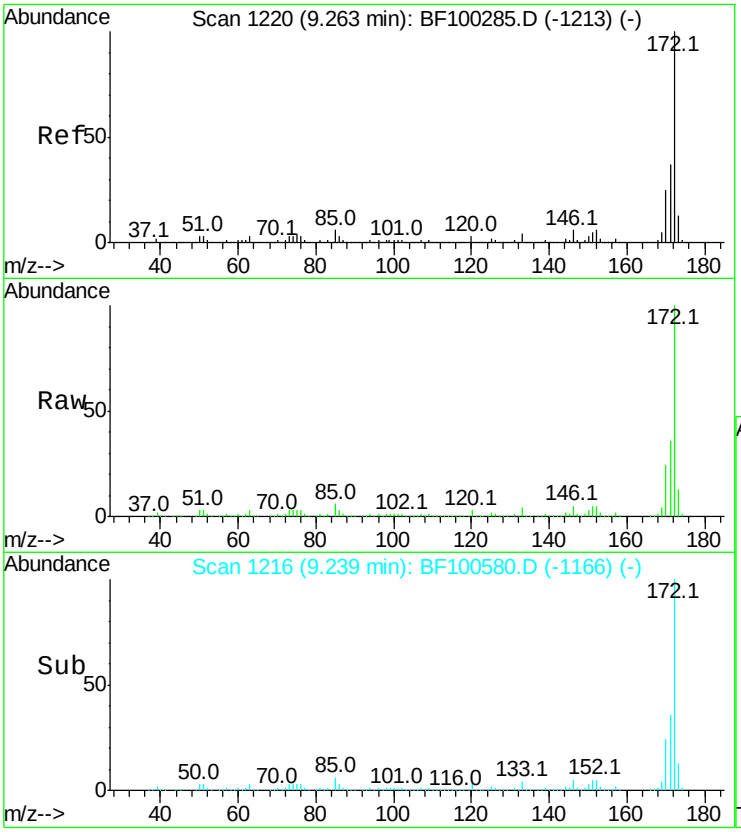


#41
2,4,6-Tribromophenol
Concen: 110.153 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Tgt Ion:330 Resp: 252209

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	29.5	29.9	44.9#



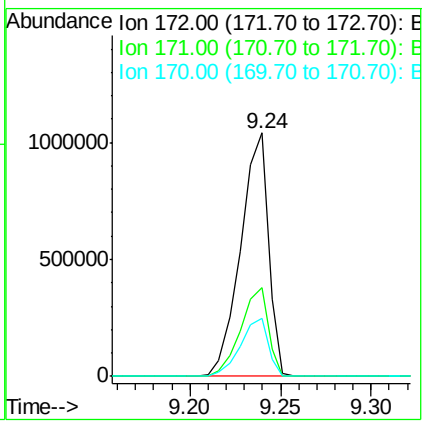


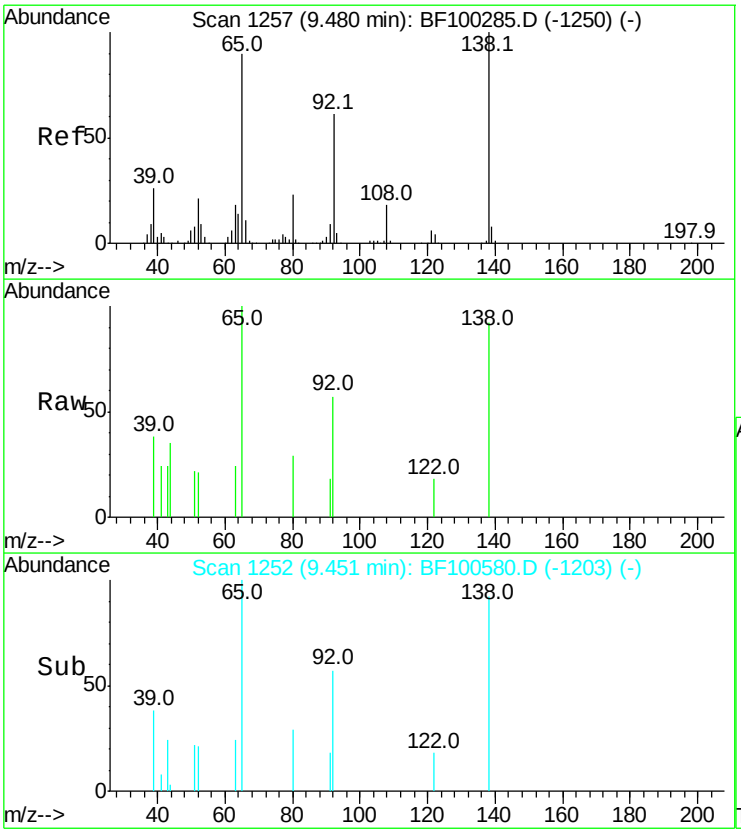
#44
2-Fluorobiphenyl
Concen: 75.265 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1110619

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

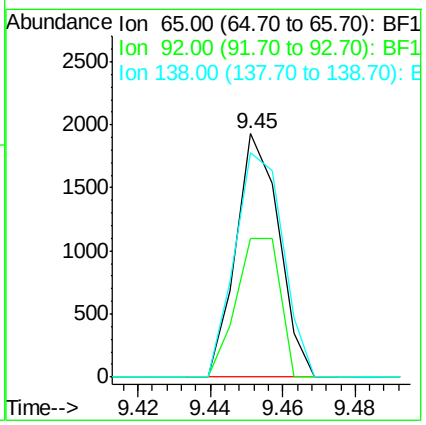


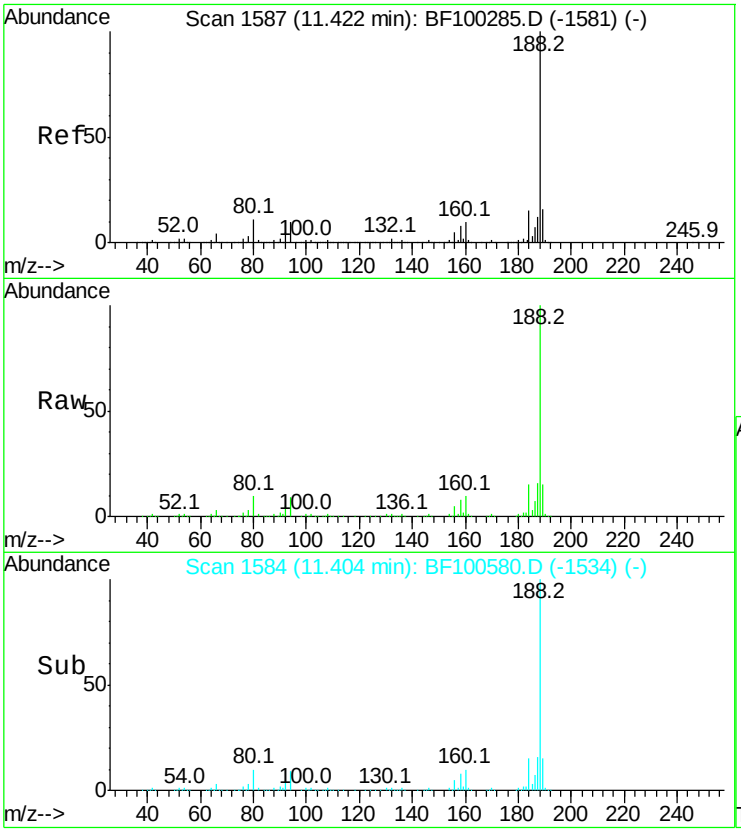


#47
2-Nitroaniline
Concen: 3.143 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Tgt Ion: 65 Resp: 1587

Ion	Ratio	Lower	Upper
65	100		
92	57.0	55.8	83.6
138	92.1	91.2	136.8



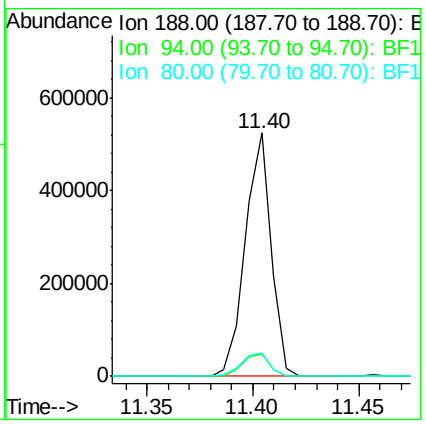


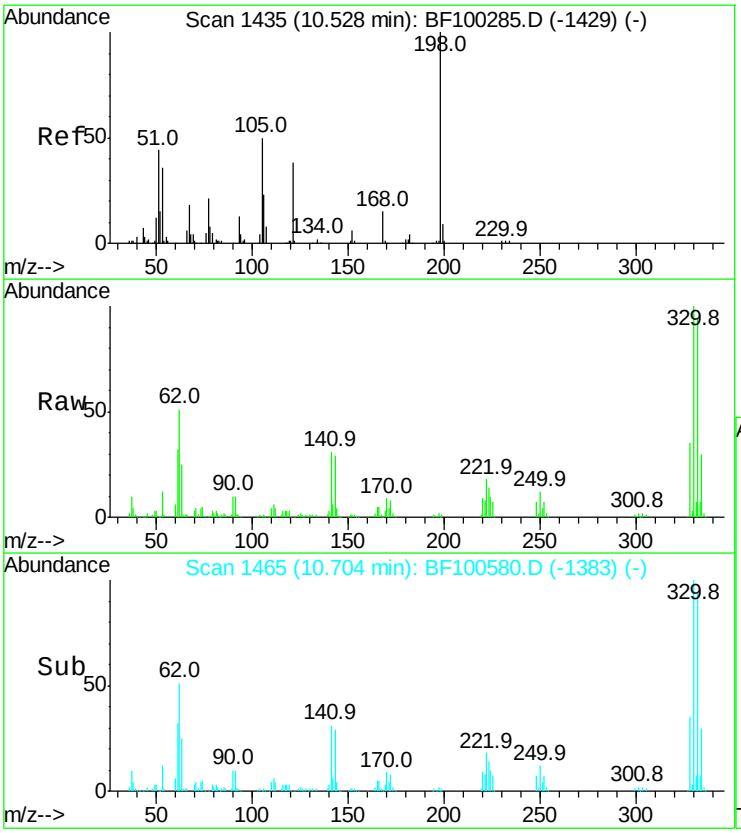
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 445759

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.8	9.2	13.8

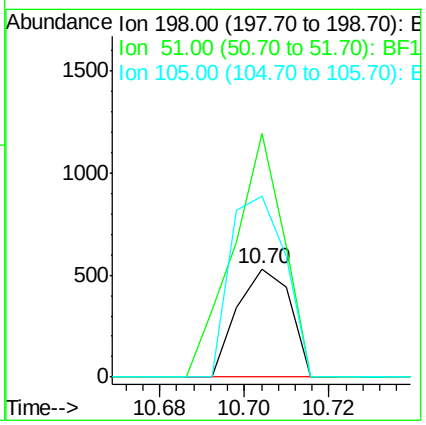


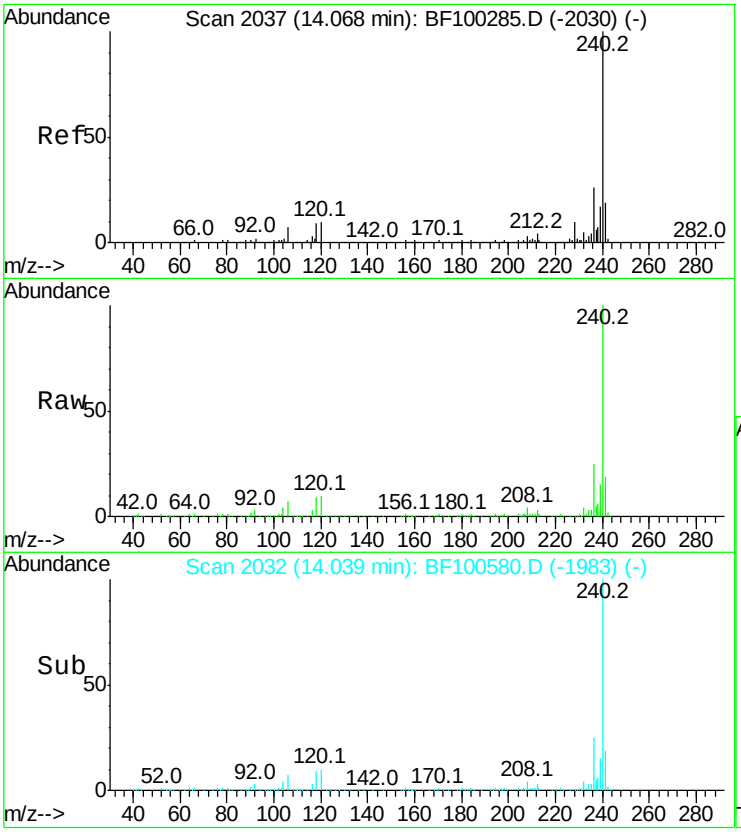


#64
4,6-Dinitro-2-methylphenol
Concen: 8.739 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Tgt Ion:198 Resp: 463

Ion	Ratio	Lower	Upper
198	100		
51	224.4	37.7	77.7#
105	167.1	36.3	76.3#



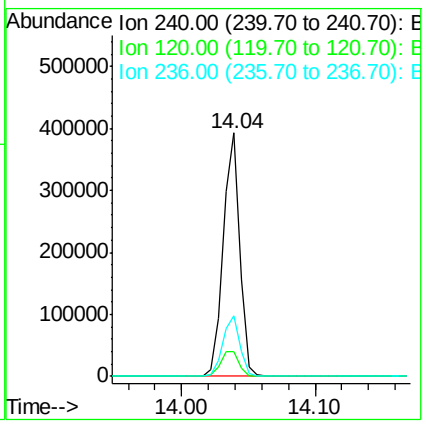


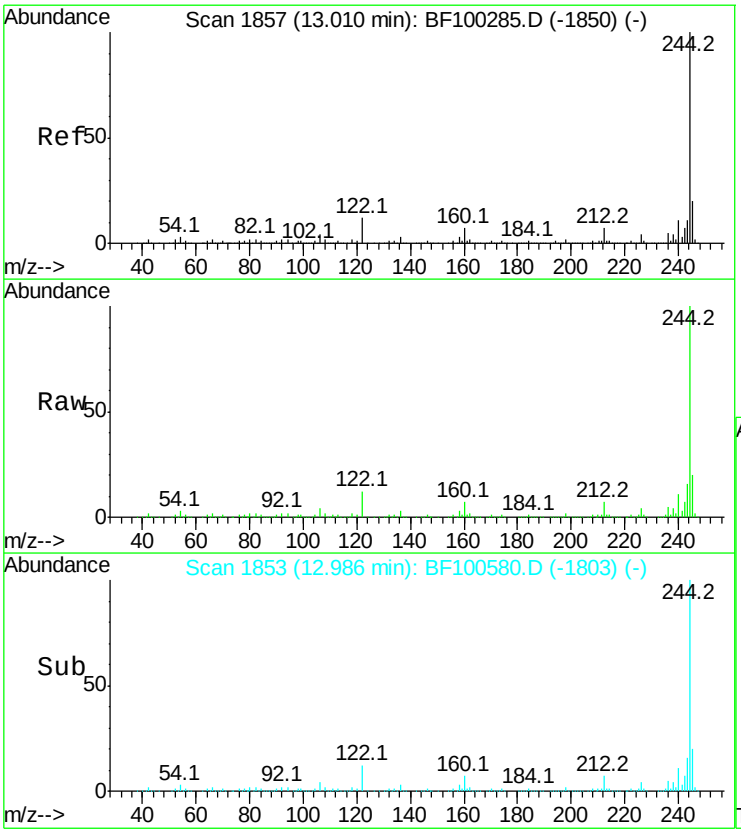
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 343866

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	24.9	20.7	31.1

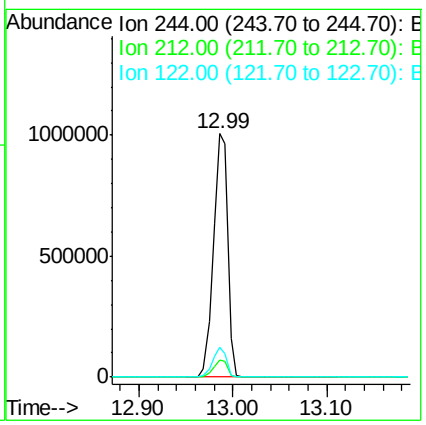


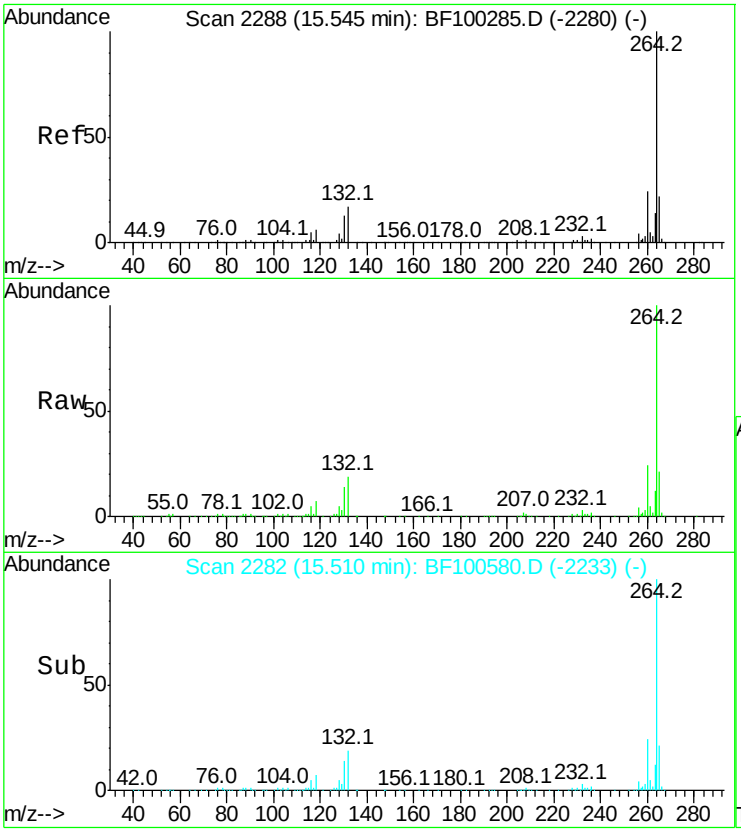


#78
Terphenyl-d14
Concen: 72.081 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Tgt Ion:244 Resp: 1078732

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100580.D
Acq: 15 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 259887

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3