Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
Data File : BF113888.D
Acq On : 22 Apr 2019 20:05
Operator : JU/SJ
Sample : K2485-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-CUTTINGS

Quant Time: Apr 23 03:55:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179129	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	682944	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	353852	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	669130	20.00	ng	0.00
76) Chrysene-d12	14.06	240	482794	20.00	ng	-0.01
87) Perylene-d12	15.55	264	509226	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1103475	105.36	ng	0.00
7) Phenol-d6	6.52	99	1432411	109.01	ng	0.00
23) Nitrobenzene-d5	7.45	82	869290	78.59	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	466634	108.25	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1343347	59.38	ng	0.00
79) Terphenyl-d14	13.00	244	1528217	64.89	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	2045	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.45	70	115338	13.554	ng	# 79
25) Isophorone	7.45	82	867051	38.310	ng	# 65
50) Dimethylphthalate	9.64	163	181322	7.085	ng	98
57) 2,4-Dinitrotoluene	9.93	165	45878	6.620	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.72	198	862	7.546	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	28453	3.520	ng	# 1

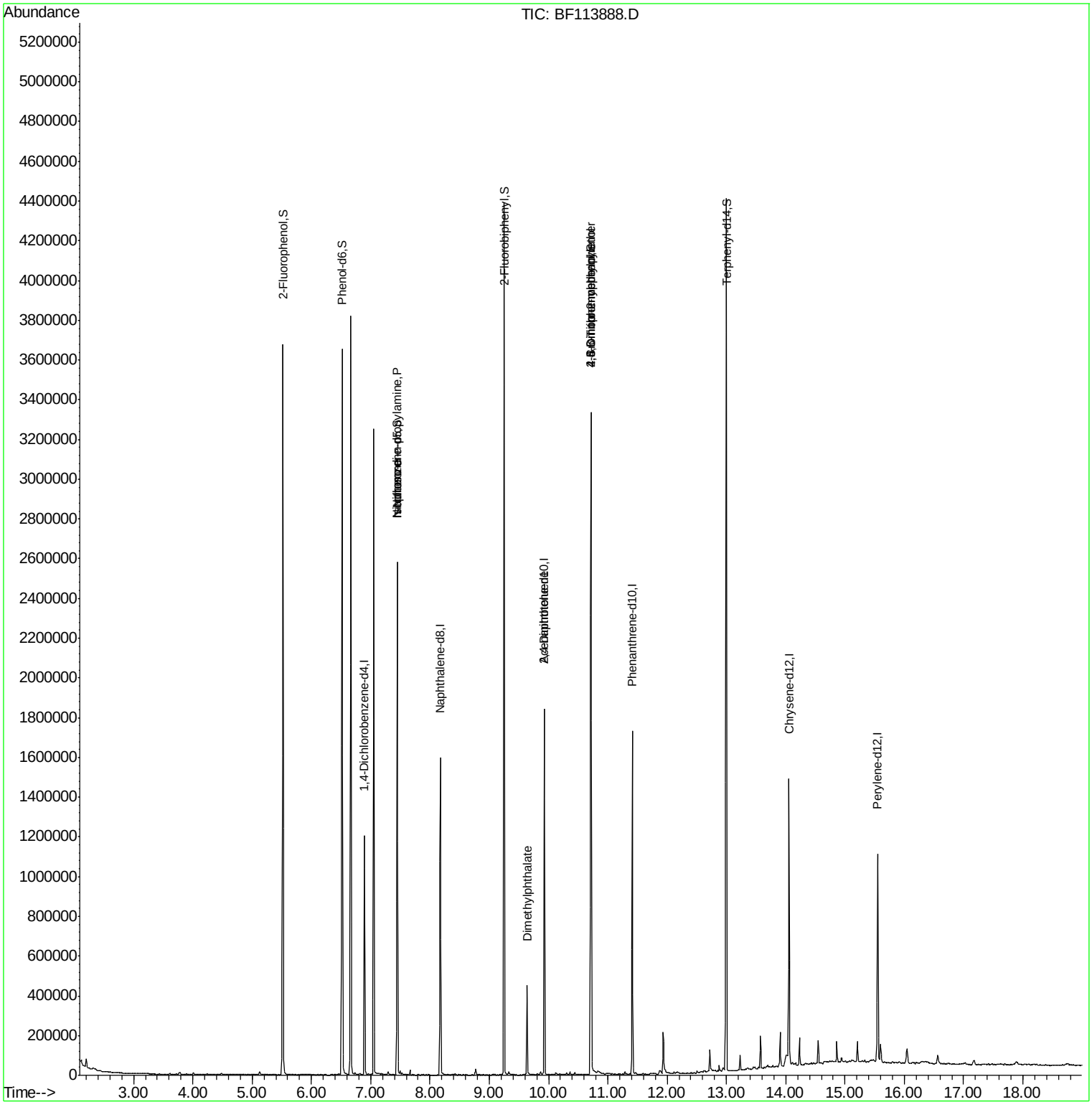
(#) = qualifier out of range (m) = manual integration (+) = signals summed

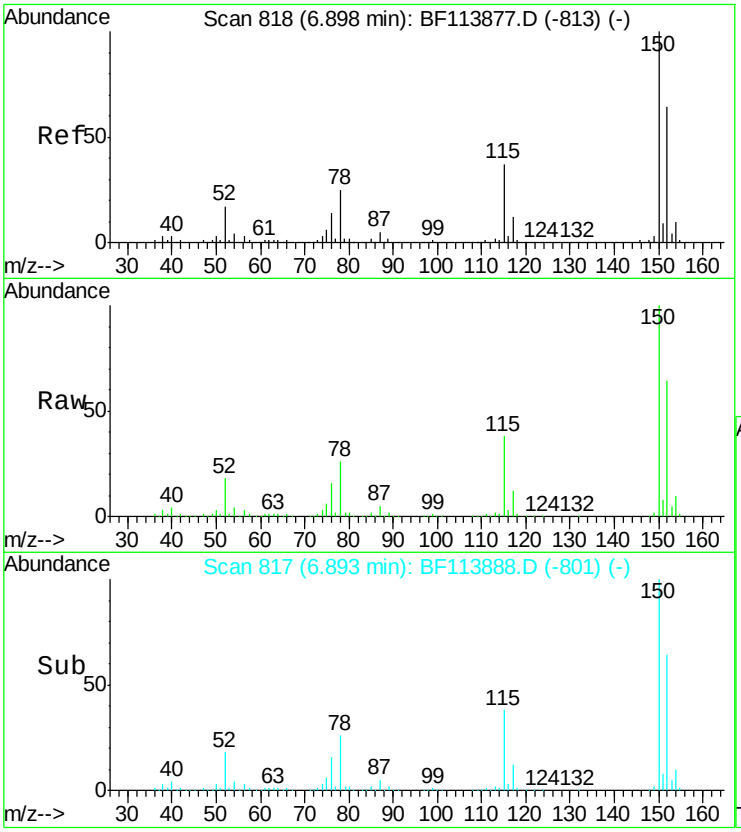
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
Data File : BF113888.D
Acq On : 22 Apr 2019 20:05
Operator : JU/SJ
Sample : K2485-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Quant Time: Apr 23 03:55:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



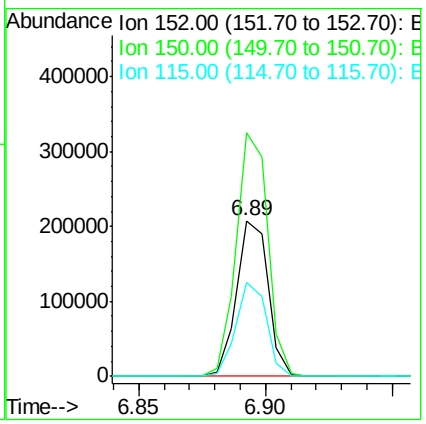


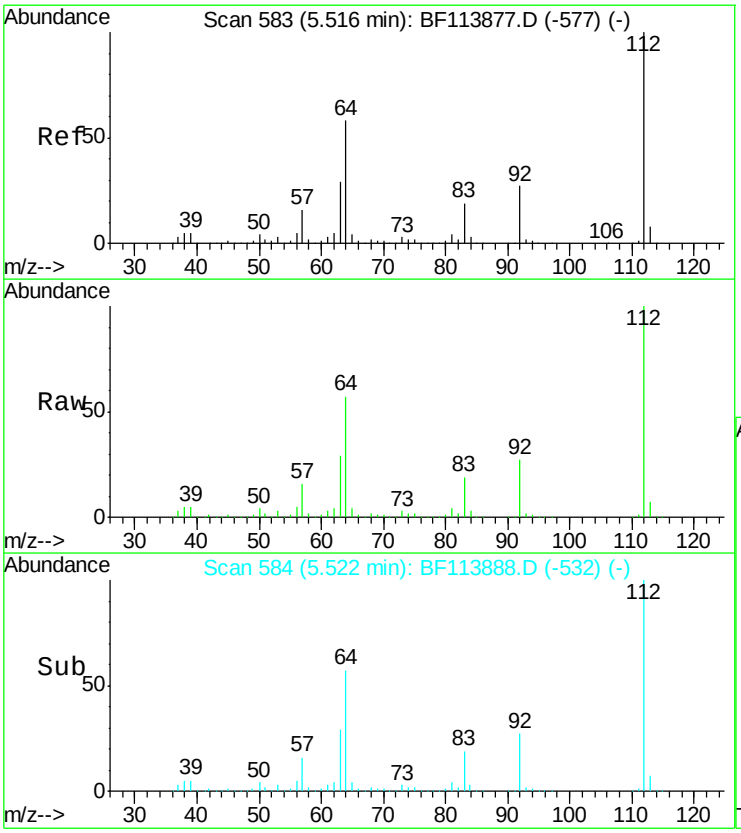
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:152 Resp: 179129

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.9	188.9
115	60.3	45.9	68.9

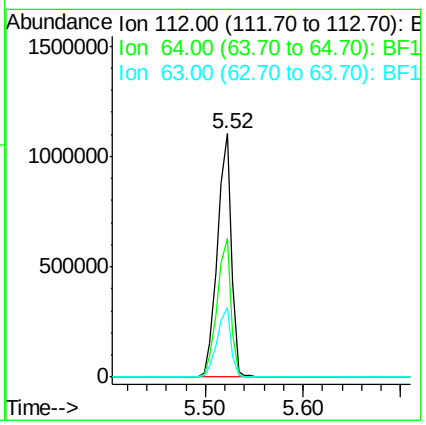


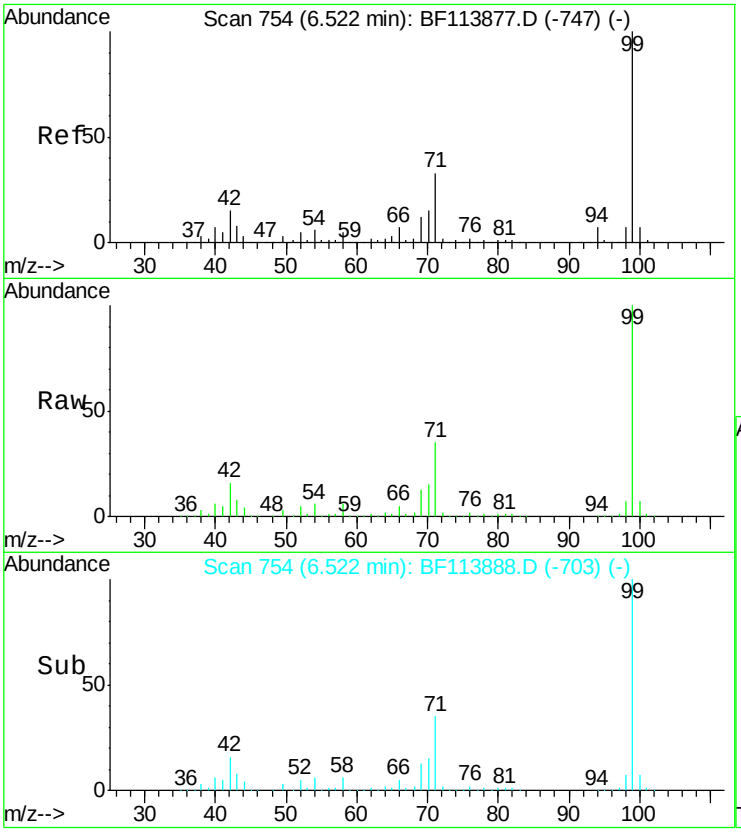


#5
2-Fluorophenol
Concen: 105.362 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion:112 Resp: 1103475

Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.6	69.8
63	28.7	23.1	34.7



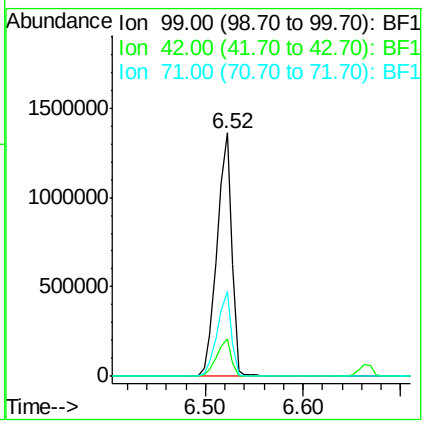


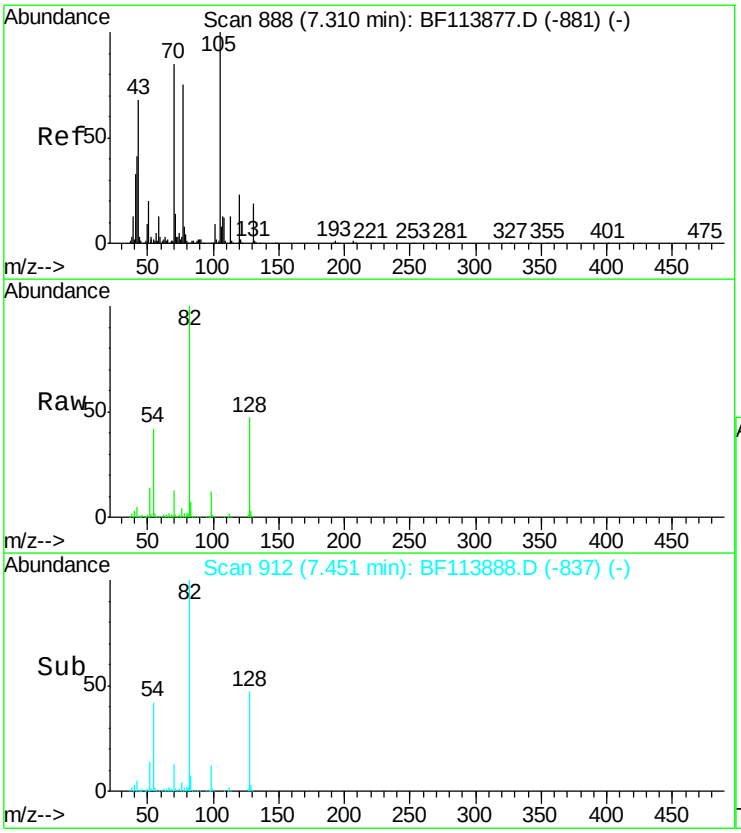
#7
Phenol-d6
Concen: 109.013 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 99 Resp: 1432411

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.5	18.7
71	34.7	26.9	40.3

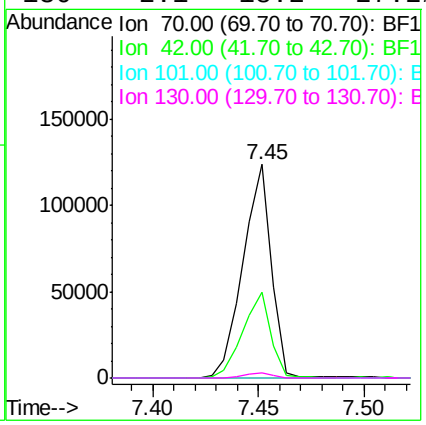


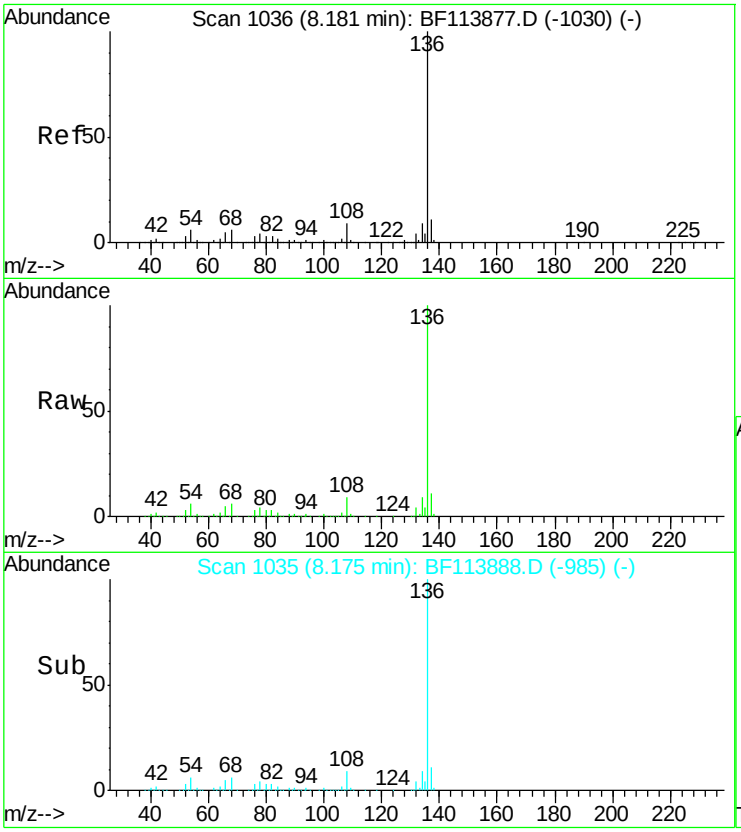


#19
n-Nitroso-di-n-propylamine
Concen: 13.554 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion: 70 Resp: 115338

Ion	Ratio	Lower	Upper
70	100		
42	40.2	37.3	55.9
101	0.0	7.8	11.8#
130	2.1	18.2	27.2#



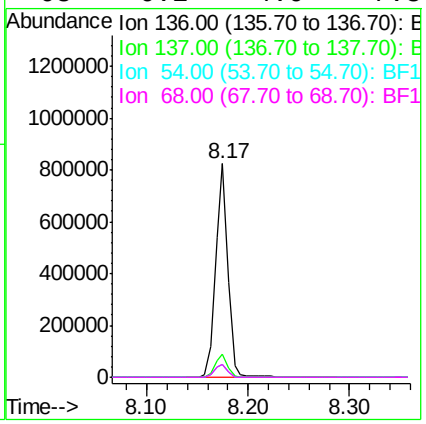


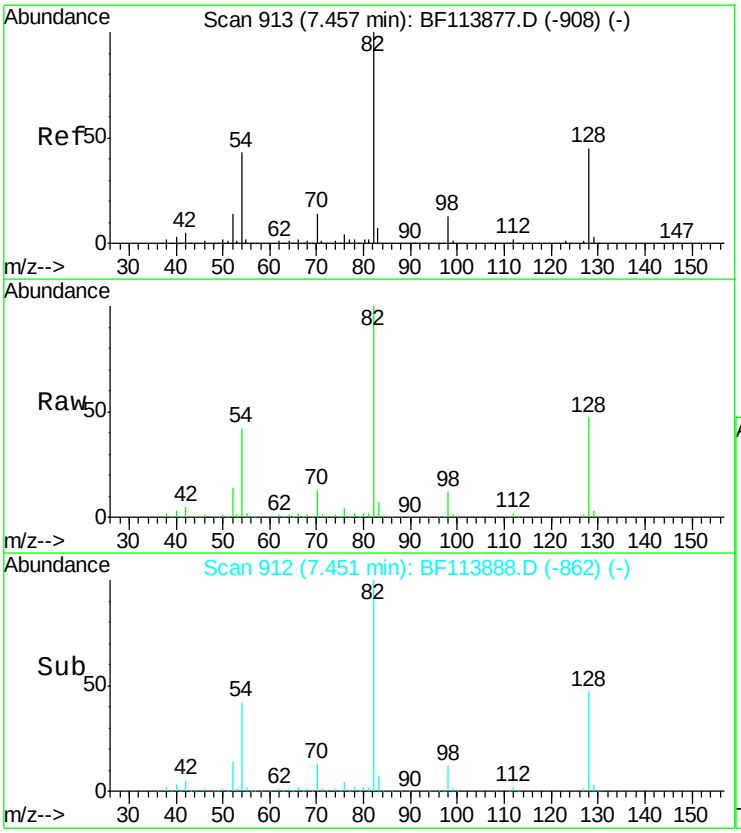
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:136 Resp: 682944

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.3	5.0	7.6
68	6.2	4.9	7.3

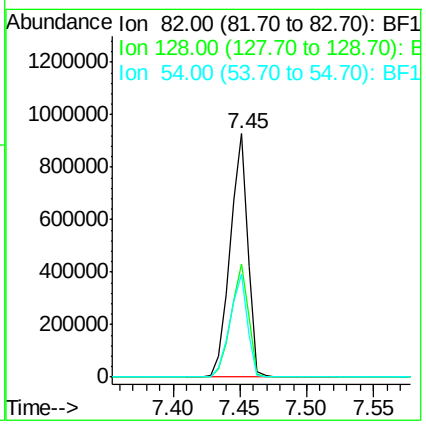


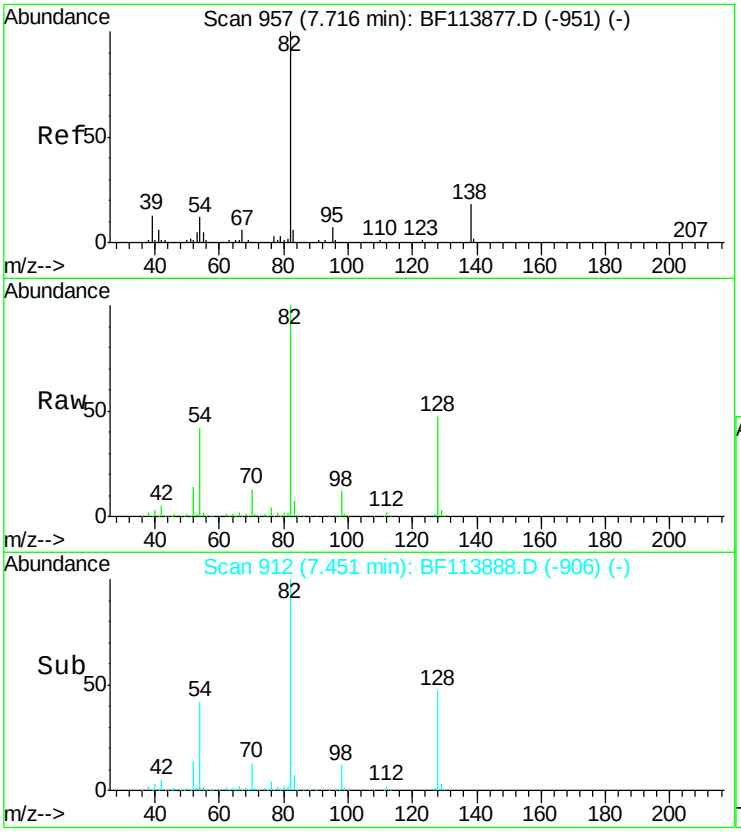


#23
Nitrobenzene-d5
Concen: 78.591 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion: 82 Resp: 869290

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.8	55.2
54	42.1	33.8	50.6



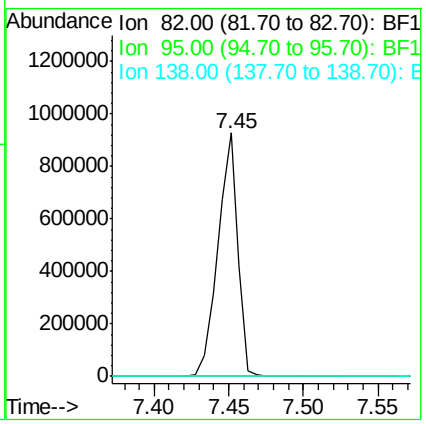


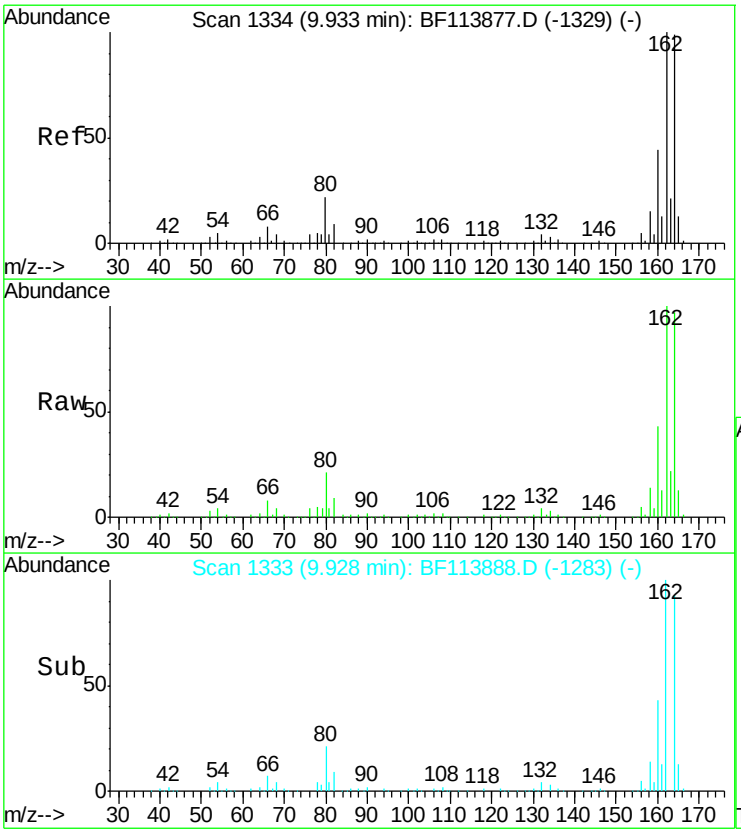
#25
Isophorone
Concen: 38.310 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 82 Resp: 867051

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

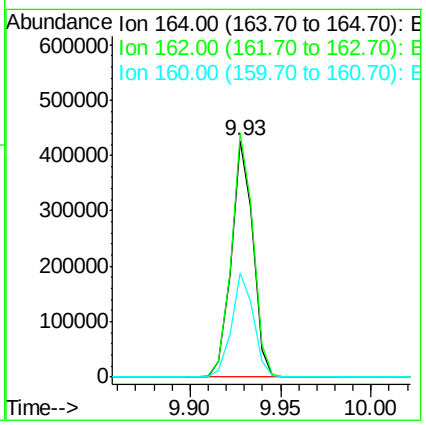


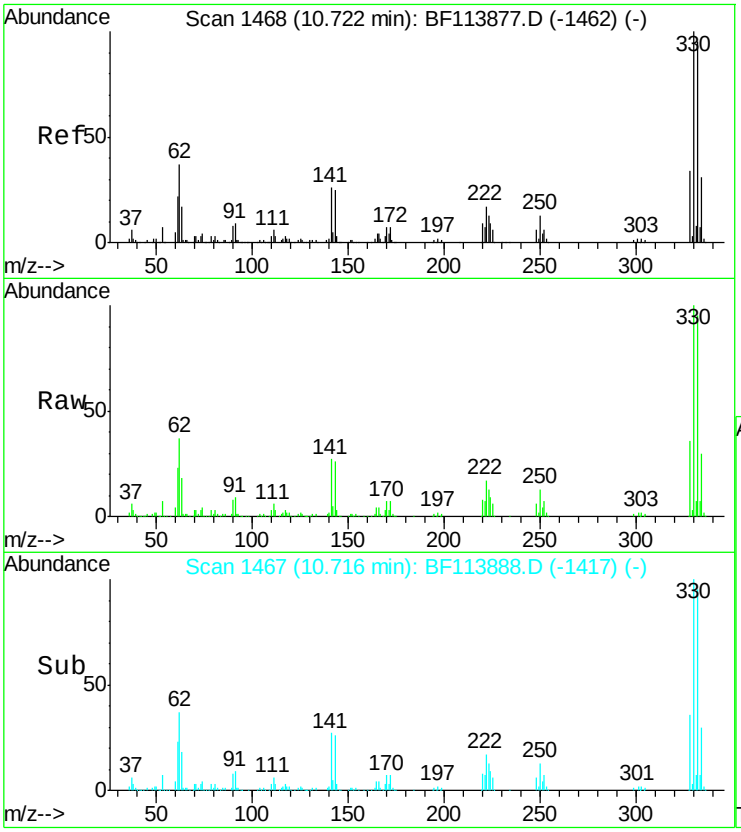


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion:164 Resp: 353852

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.1	121.7
160	43.9	35.8	53.6



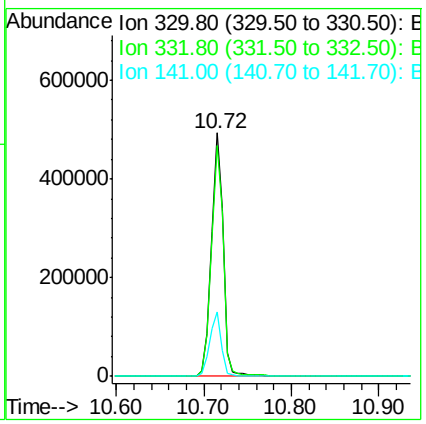


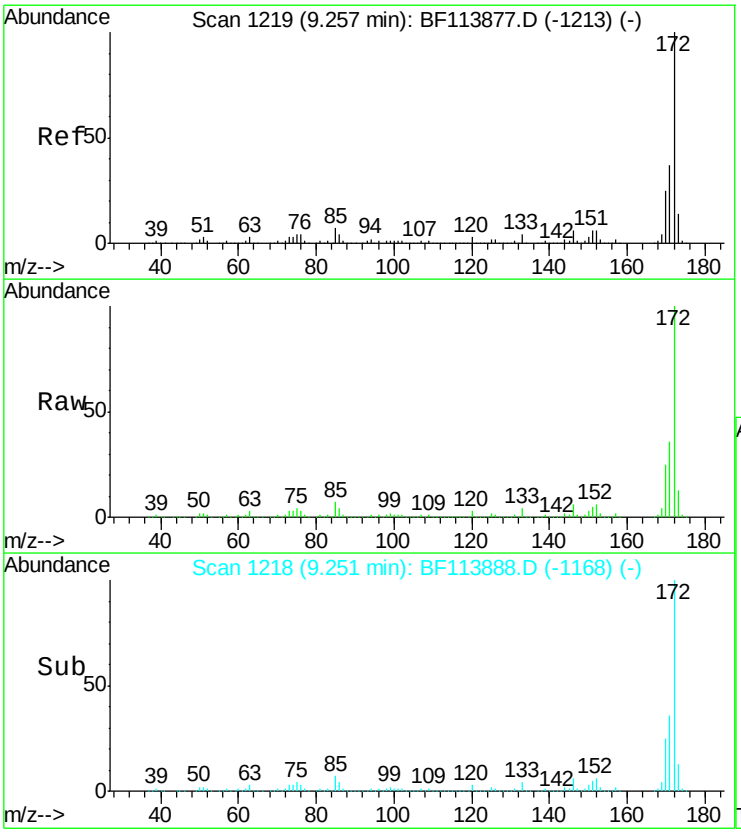
#42
2,4,6-Tribromophenol
Concen: 108.252 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:330 Resp: 466634

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.5	116.3
141	25.9	22.2	33.2

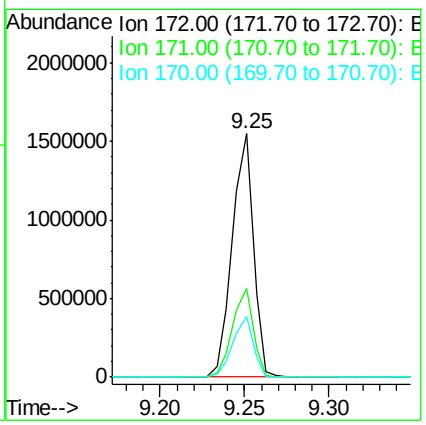


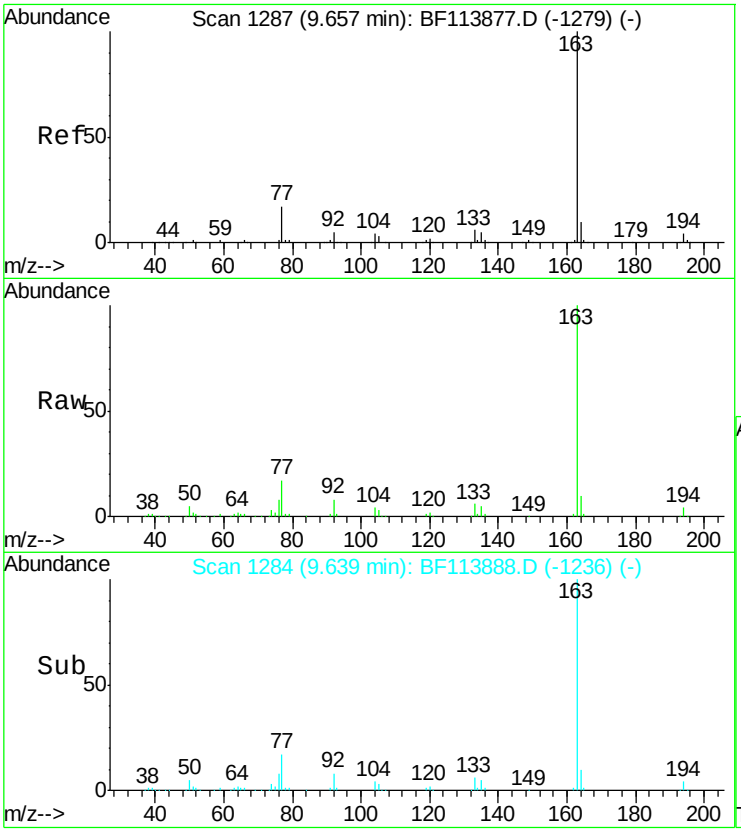


#45
2-Fluorobiphenyl
Concen: 59.376 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion:172 Resp: 1343347

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	19.9	29.9



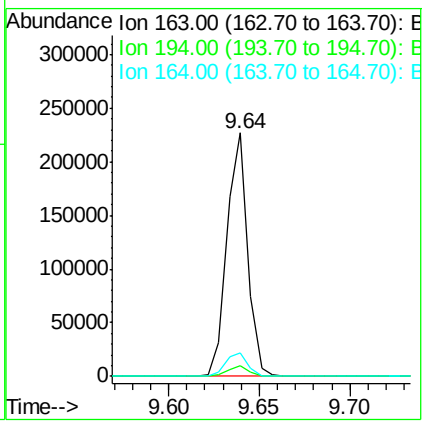


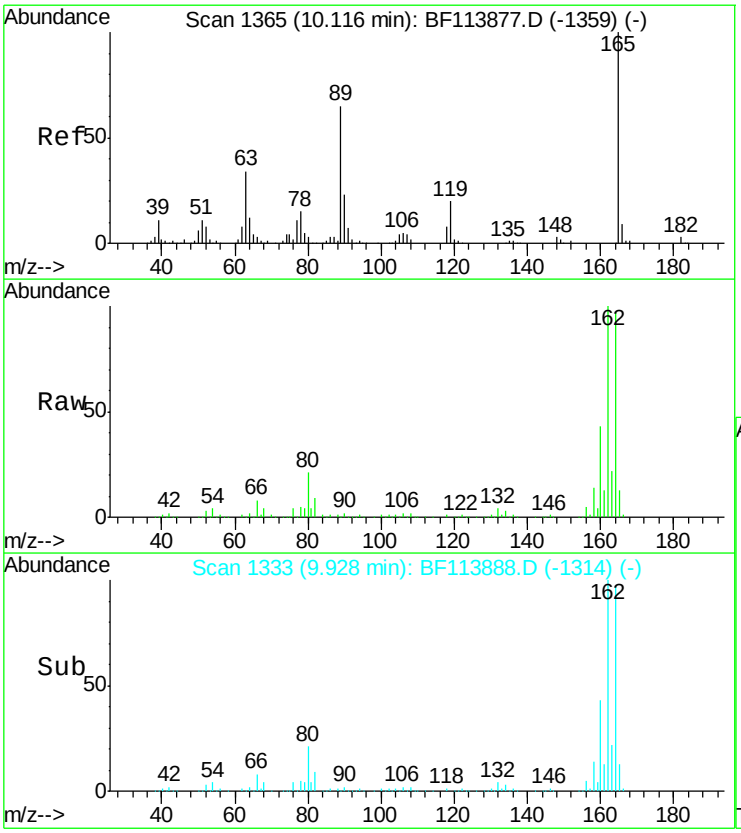
#50
Dimethylphthalate
Concen: 7.085 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:163 Resp: 181322

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.6	8.5	12.7

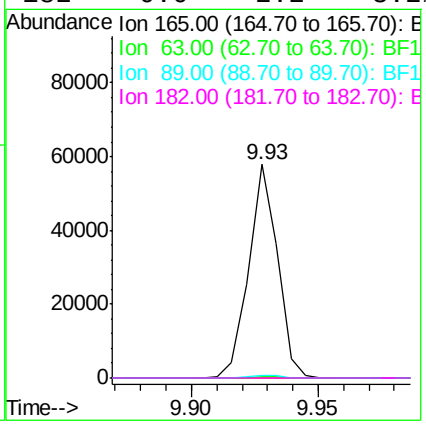


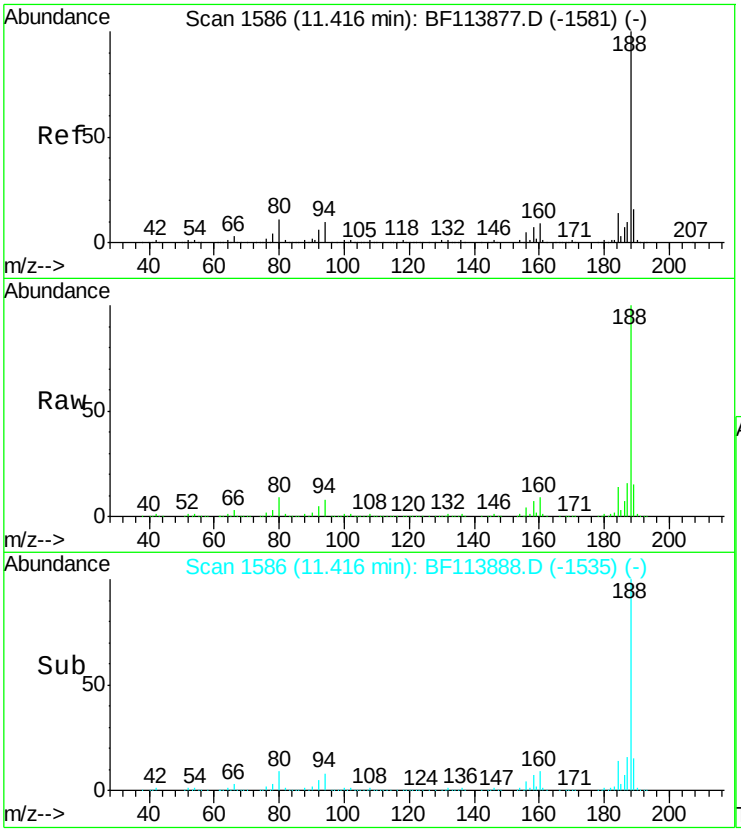


#57
2,4-Dinitrotoluene
Concen: 6.620 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion:165 Resp: 45878

Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.4	41.0#
89	1.1	51.8	77.6#
182	0.0	2.2	3.2#



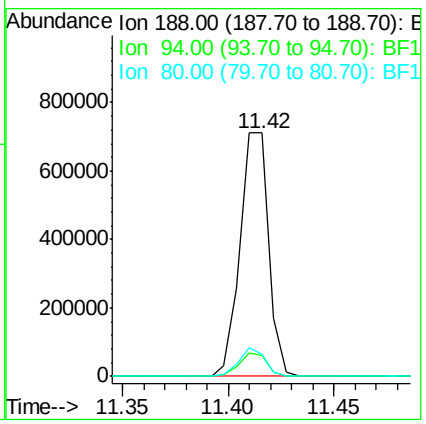


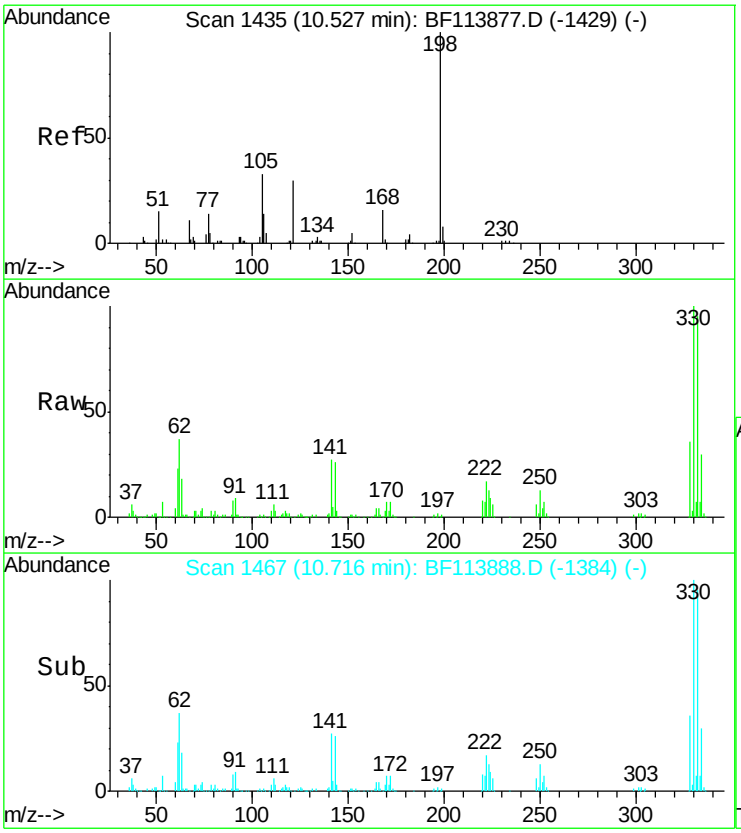
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:188 Resp: 669130

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.4
80	9.1	9.0	13.6

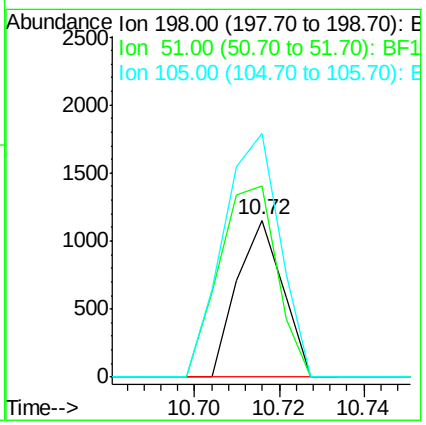


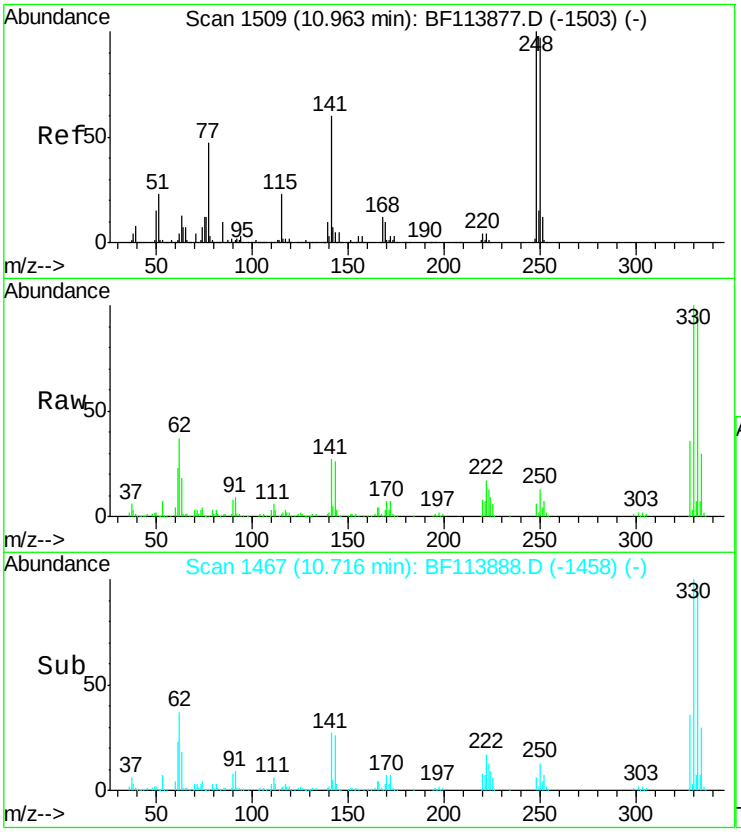


#65
4,6-Dinitro-2-methylphenol
Concen: 7.546 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion:198 Resp: 862

Ion	Ratio	Lower	Upper
198	100		
51	122.3	11.1	51.1#
105	155.3	20.7	60.7#



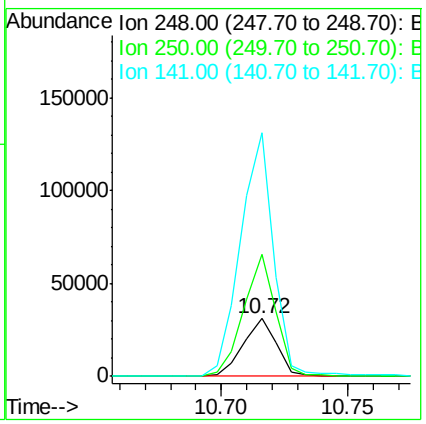


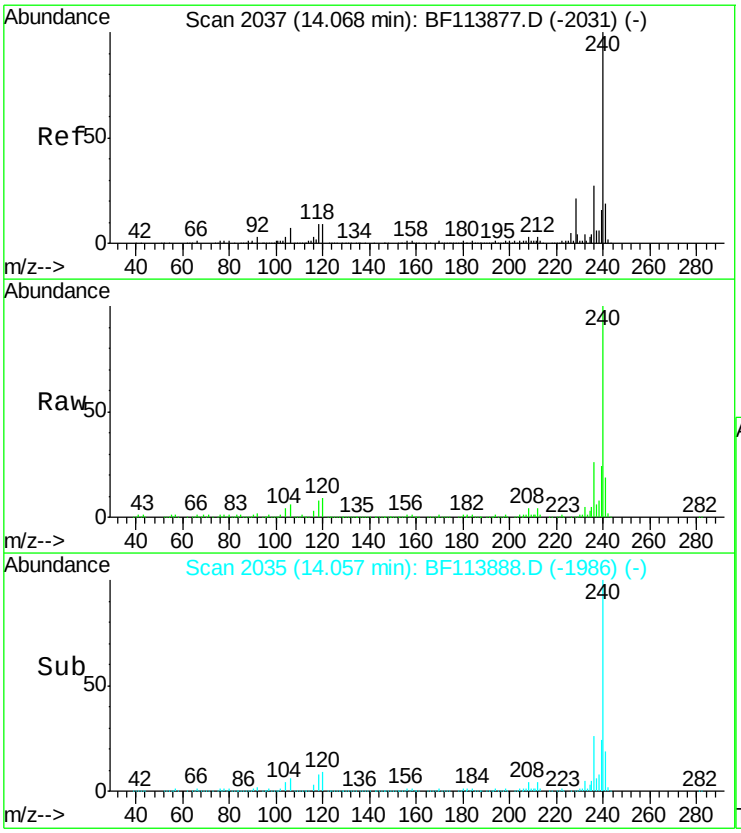
#67
4-Bromophenyl-phenylether
Concen: 3.520 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:248 Resp: 28453

Ion	Ratio	Lower	Upper
248	100		
250	212.8	75.8	113.6#
141	422.7	50.2	75.4#

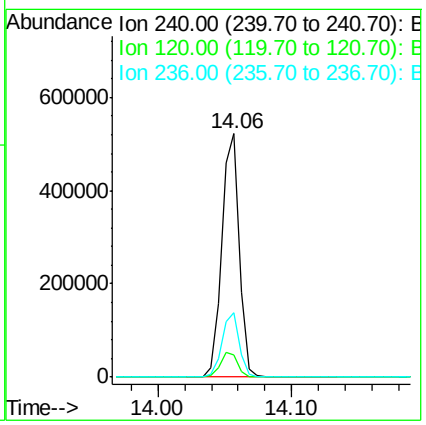


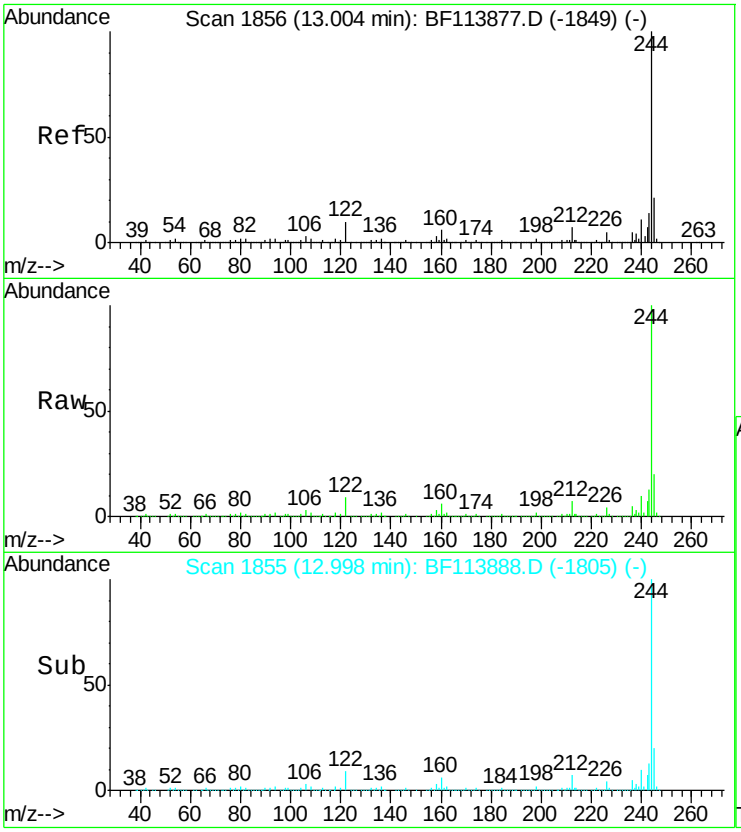


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion:240 Resp: 482794

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.3	13.9#
236	26.5	21.2	31.8



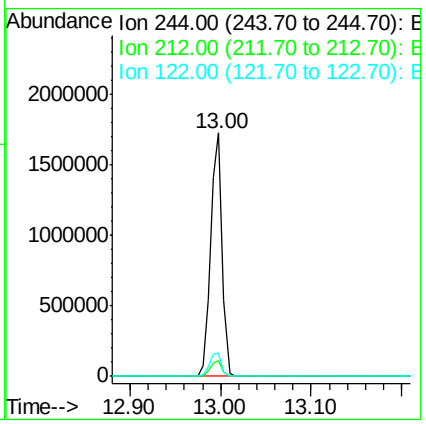


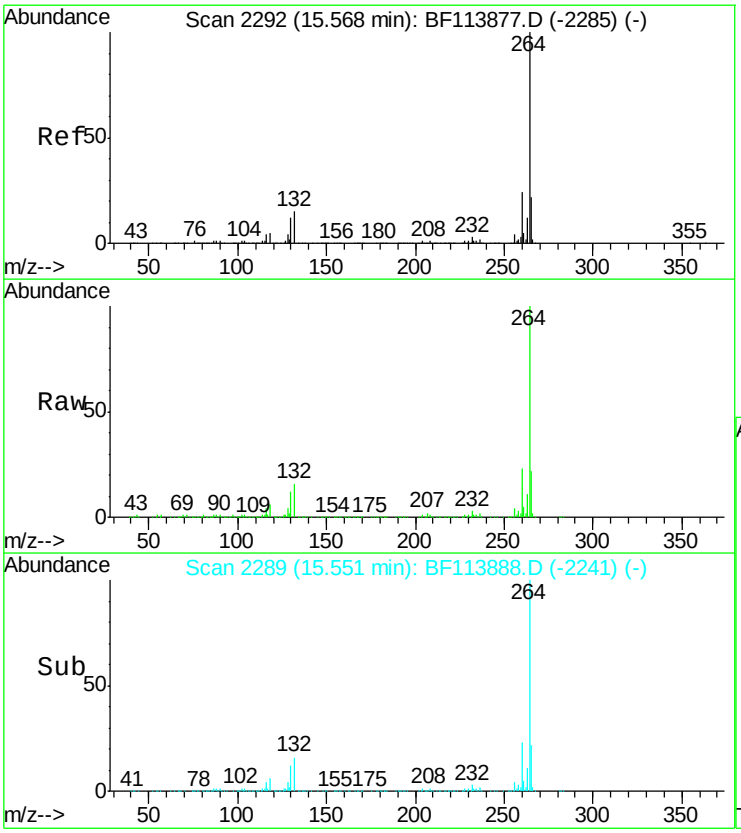
#79
Terphenyl-d14
Concen: 64.894 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:244 Resp: 1528217

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	9.4	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion:264 Resp: 509226

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.7	17.3	25.9