Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085566.D
Acq On : 19 Mar 2016 10:46
Operator : UM/SJ
Sample : H1797-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WACC-WASTE-DEBRIS-COMP

Quant Time: Mar 21 00:12:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126010	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532914	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	234503	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	475126	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	357460	20.00	ng	-0.01
86) Perylene-d12	15.43	264	272762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	904296	120.54	ng	0.01
7) Phenol-d6	6.48	99	953489	99.10	ng	-0.01
23) Nitrobenzene-d5	7.42	82	778601	84.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	310497	135.17	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1175048	85.63	ng	-0.01
78) Terphenyl-d14	12.96	244	1362624	91.73	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	102732	17.87	ng	# 77
31) Naphthalene	8.16	128	331497	12.32	ng	98
33) 4-Chloroaniline	8.16	127	42866	3.89	ng	# 34
50) 2,6-Dinitrotoluene	9.89	165	30460	8.15	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	30462	6.23	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	18856	3.97	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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Acq On : 19 Mar 2016 10:46
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Sample : H1797-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Quant Time: Mar 21 00:12:00 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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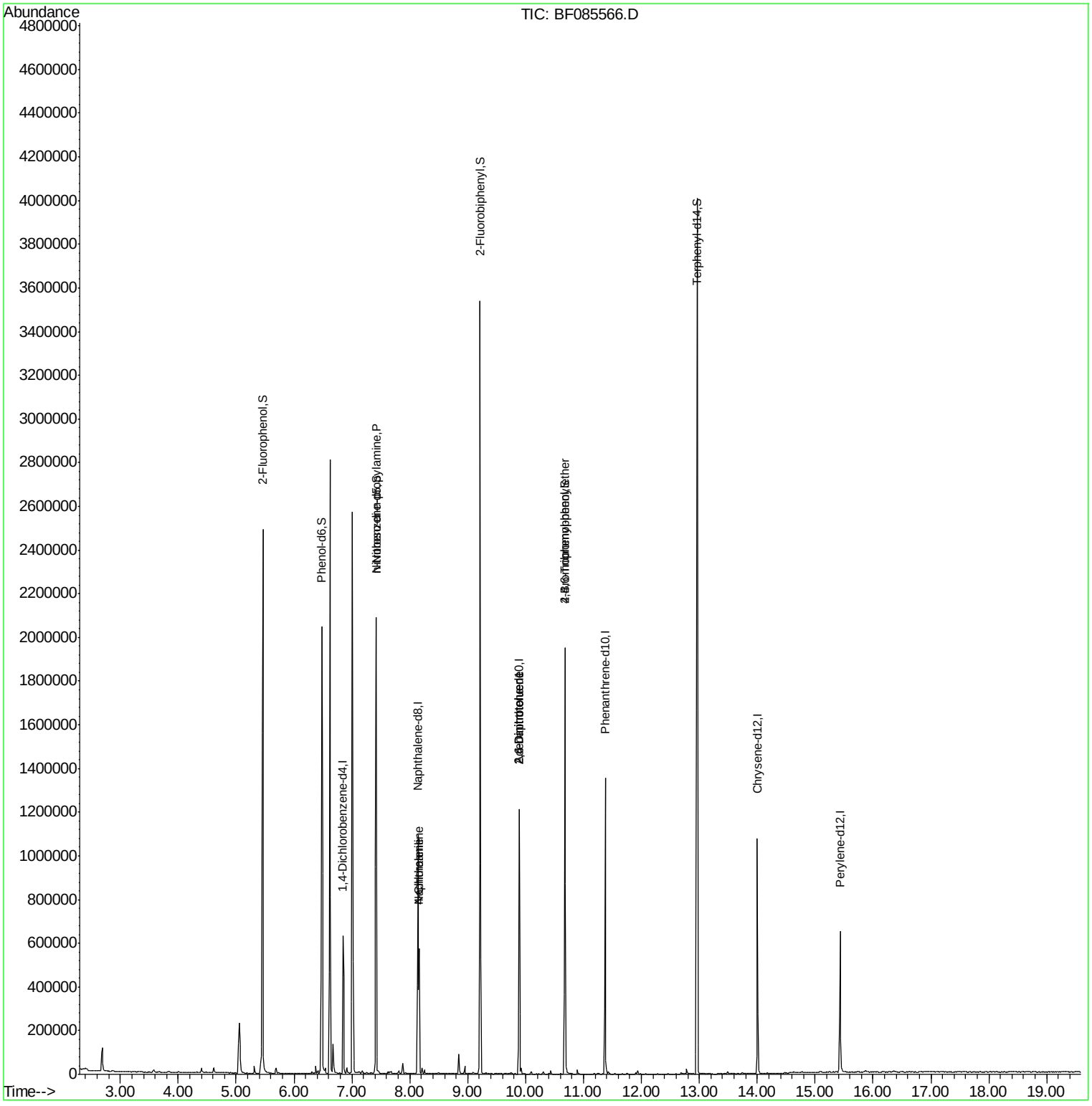
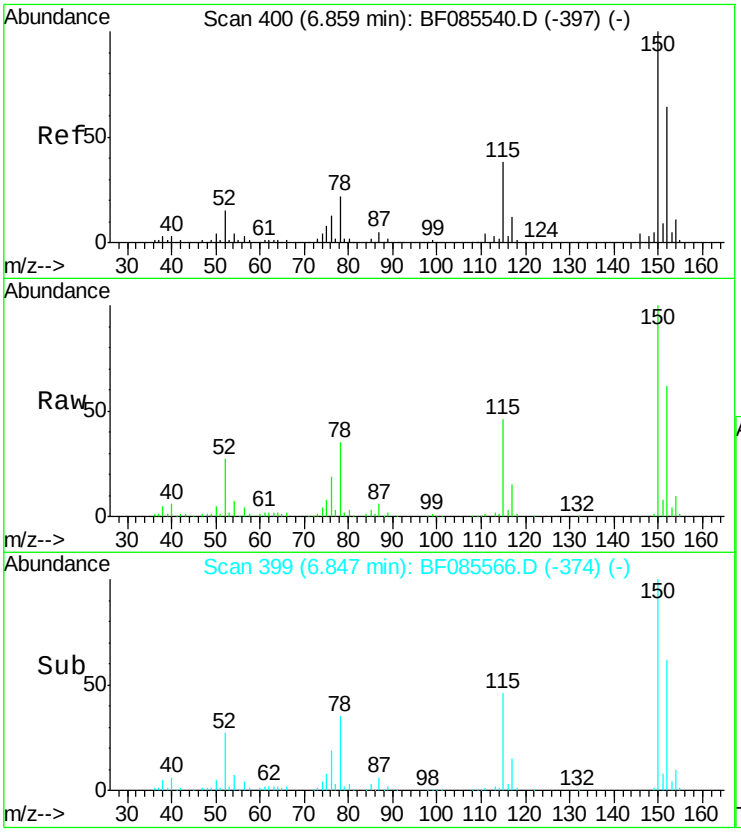


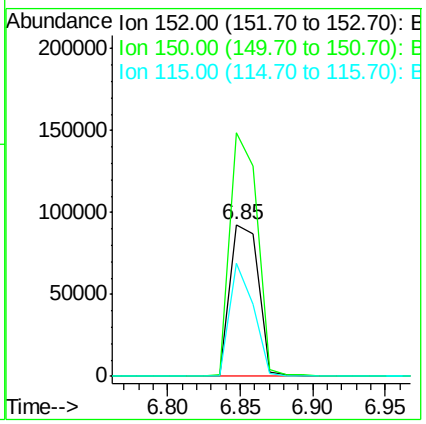


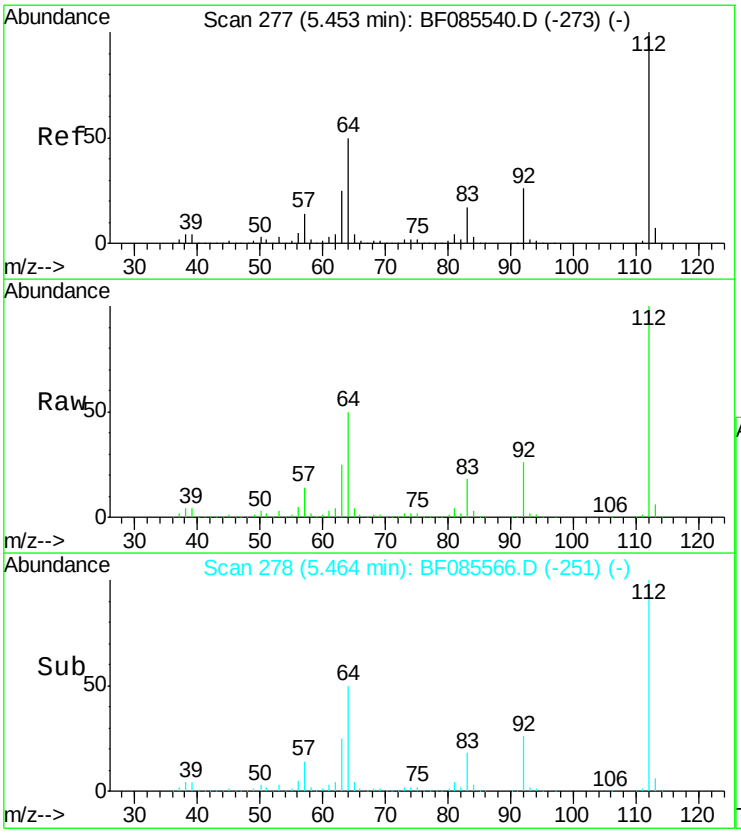
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion:152 Resp: 126010

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.2	186.2
115	74.7	47.0	70.6#

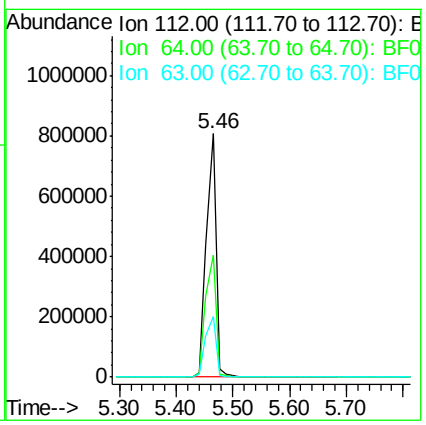


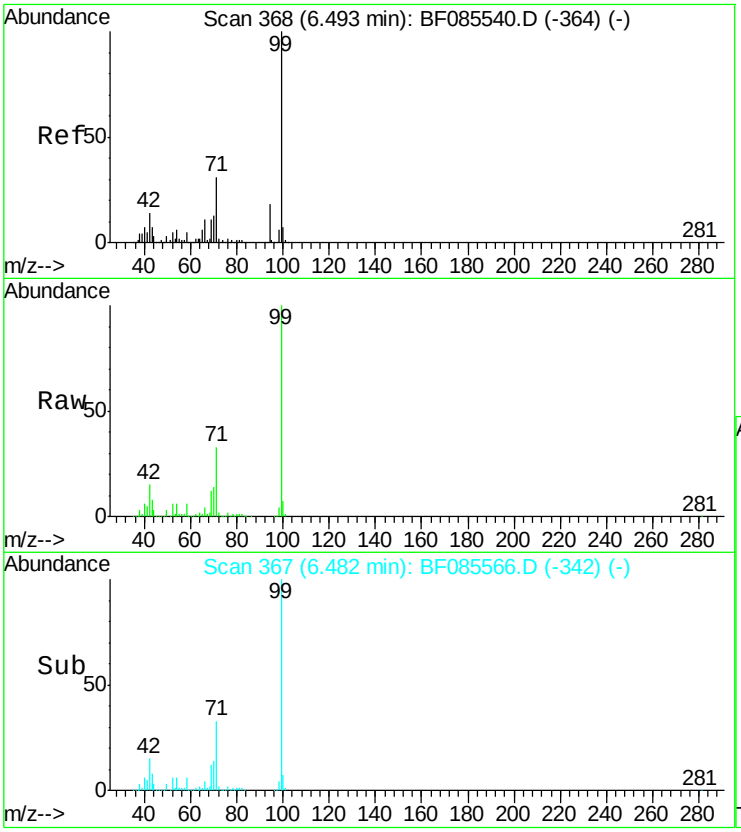


#5
2-Fluorophenol
Concen: 120.54 ng
RT: 5.46 min Scan# 278
Delta R.T. 0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:112 Resp: 904296

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.9	59.9
63	25.0	20.2	30.2



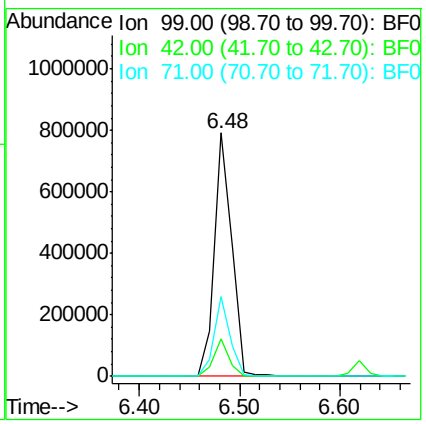


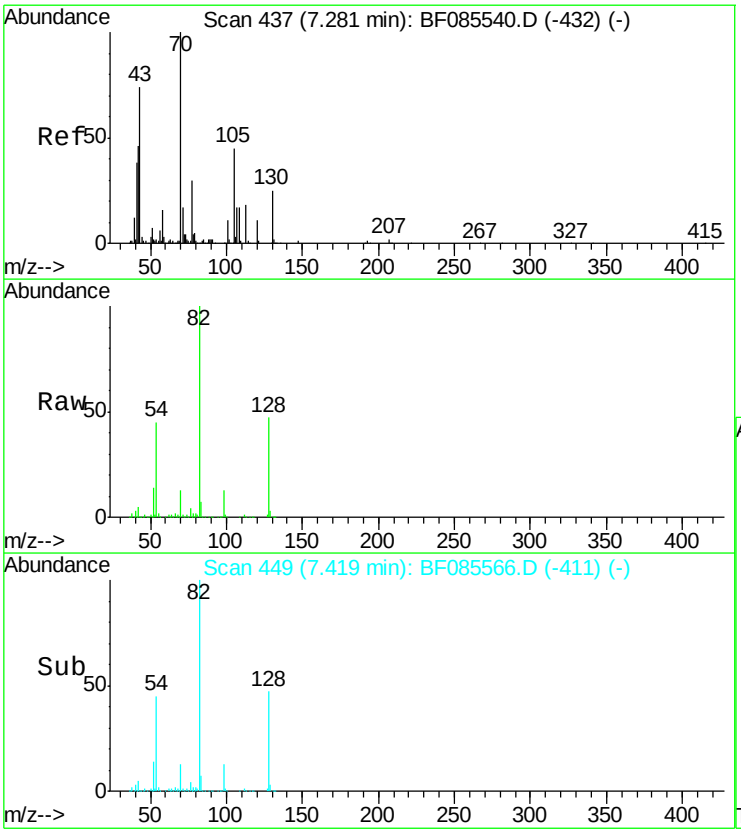
#7
Phenol-d6
Concen: 99.10 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion: 99 Resp: 953489

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.1	16.7
71	32.9	24.9	37.3

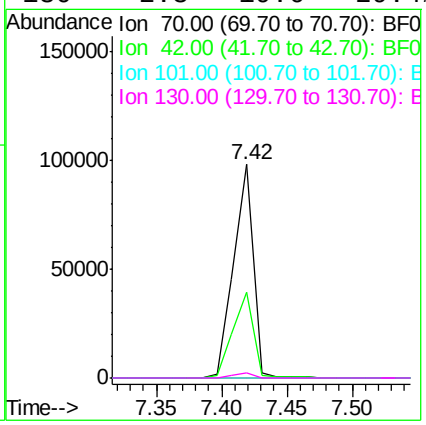


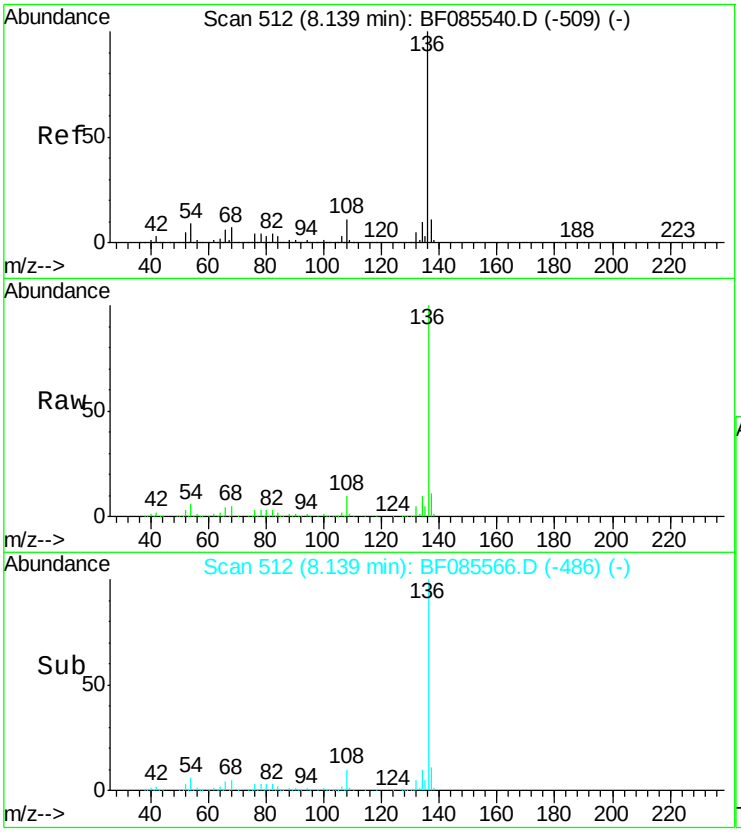


#19
n-Nitroso-di-n-propylamine
Concen: 17.87 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion: 70 Resp: 102732

Ion	Ratio	Lower	Upper
70	100		
42	39.9	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#



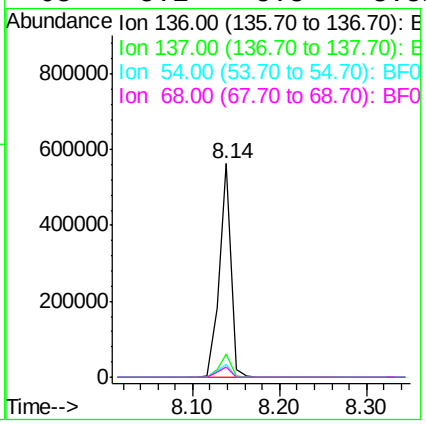


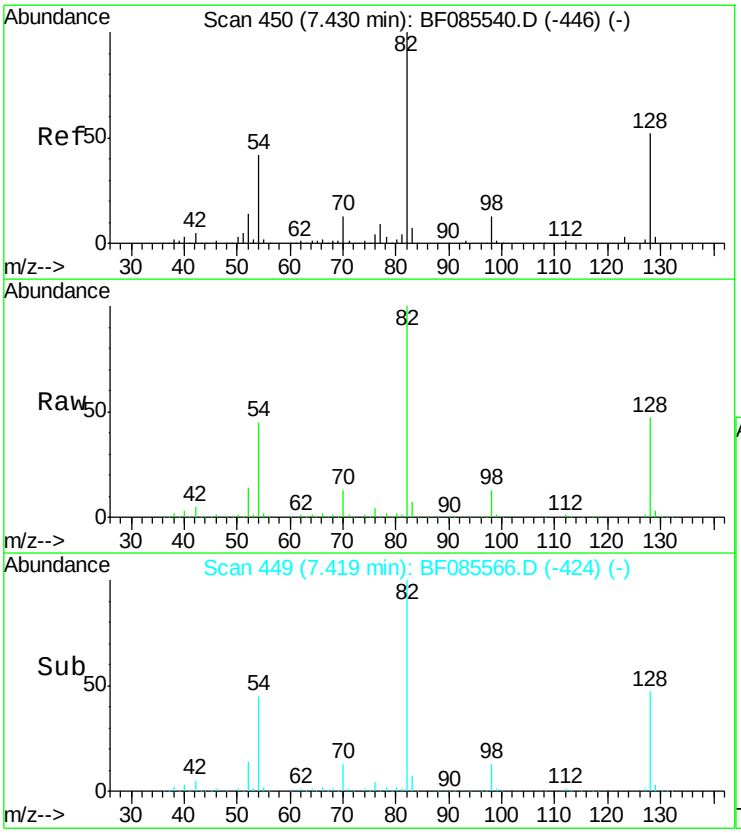
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion:136 Resp: 532914

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.1	7.4	11.0#
68	5.1	5.8	8.8#

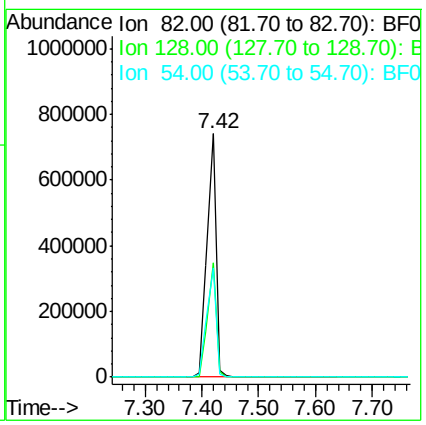


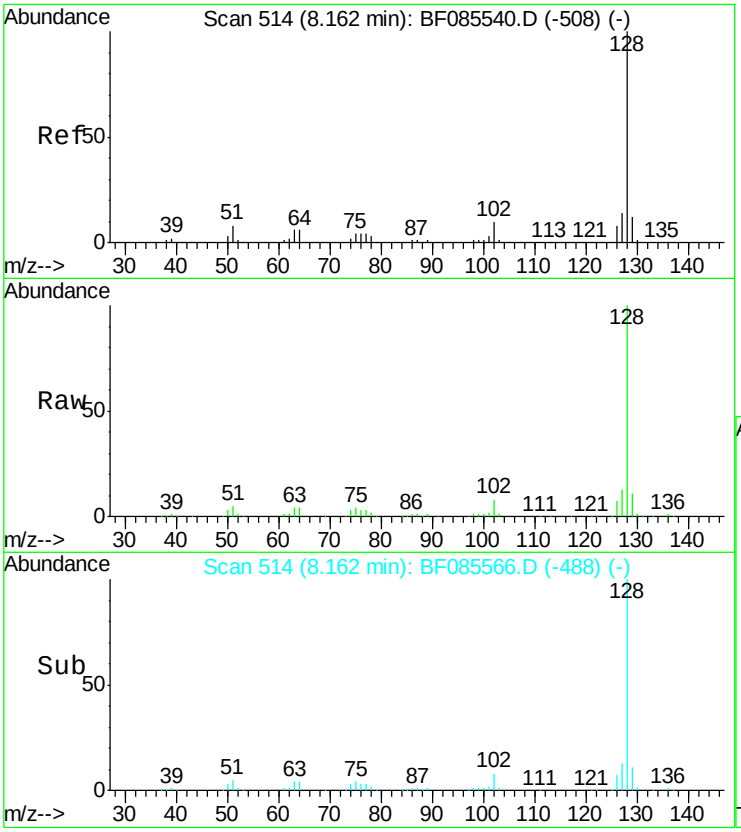


#23
Nitrobenzene-d5
Concen: 84.81 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion: 82 Resp: 778601

Ion	Ratio	Lower	Upper
82	100		
128	47.2	41.8	62.8
54	44.8	33.4	50.0



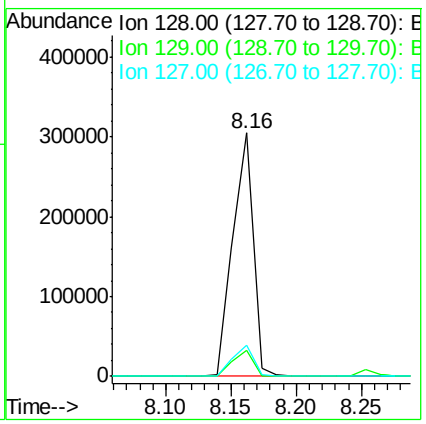


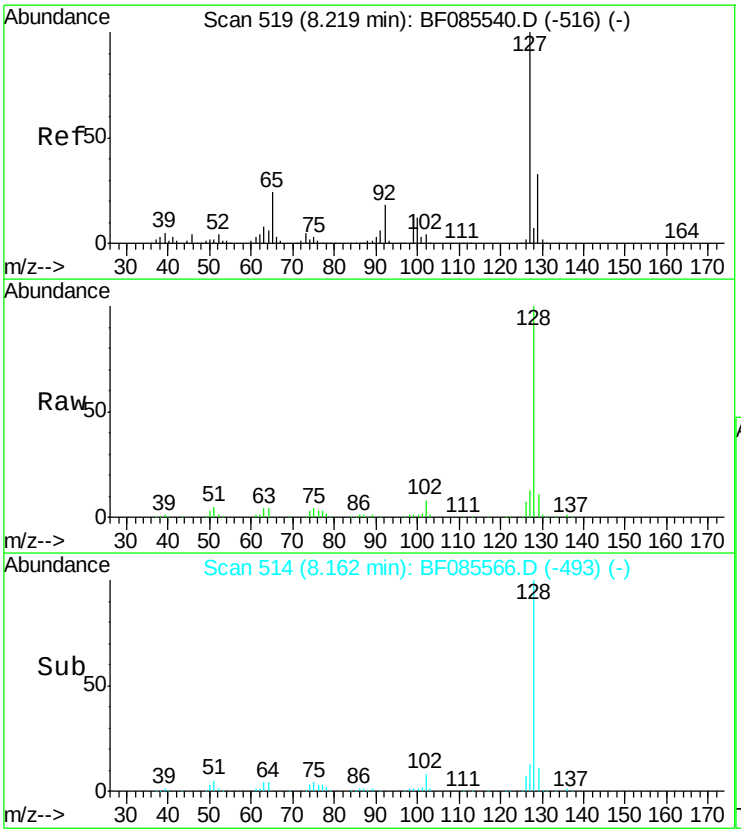
#31
Naphthalene
Concen: 12.32 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion:128 Resp: 331497

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.9	11.0	16.6

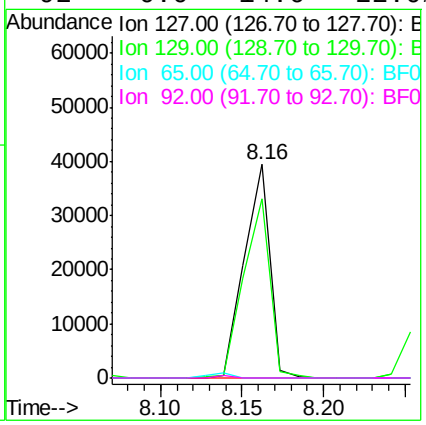


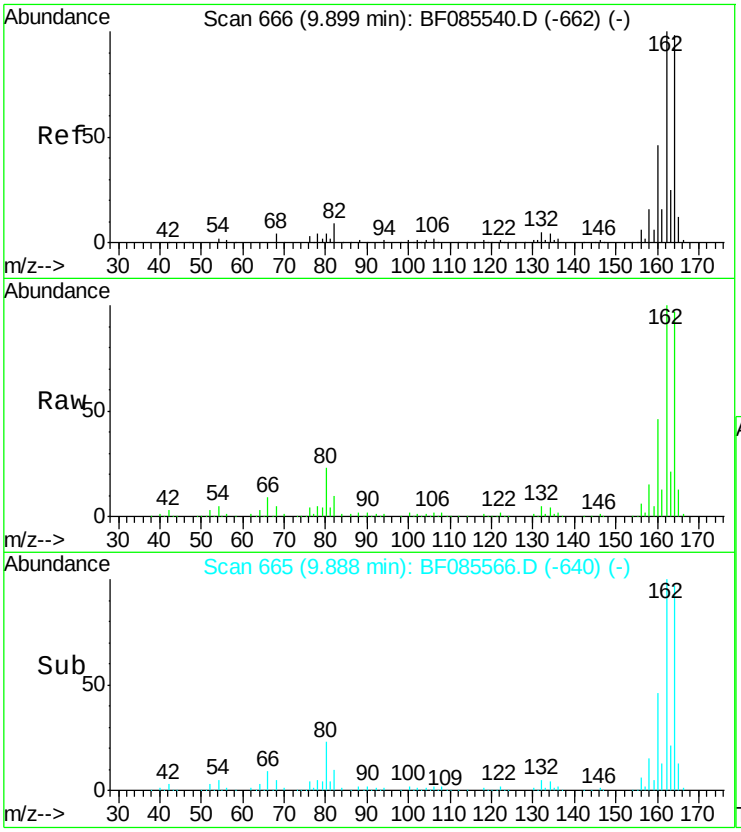


#33
4-Chloroaniline
Concen: 3.89 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:127 Resp: 42866

Ion	Ratio	Lower	Upper
127	100		
129	84.1	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#



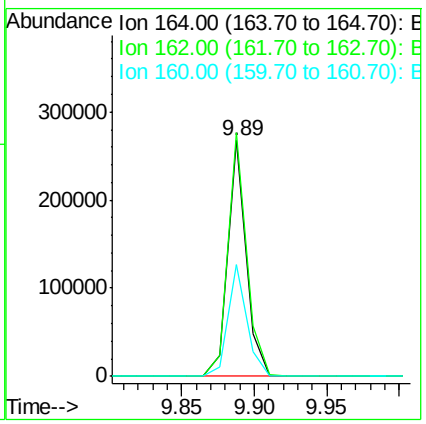


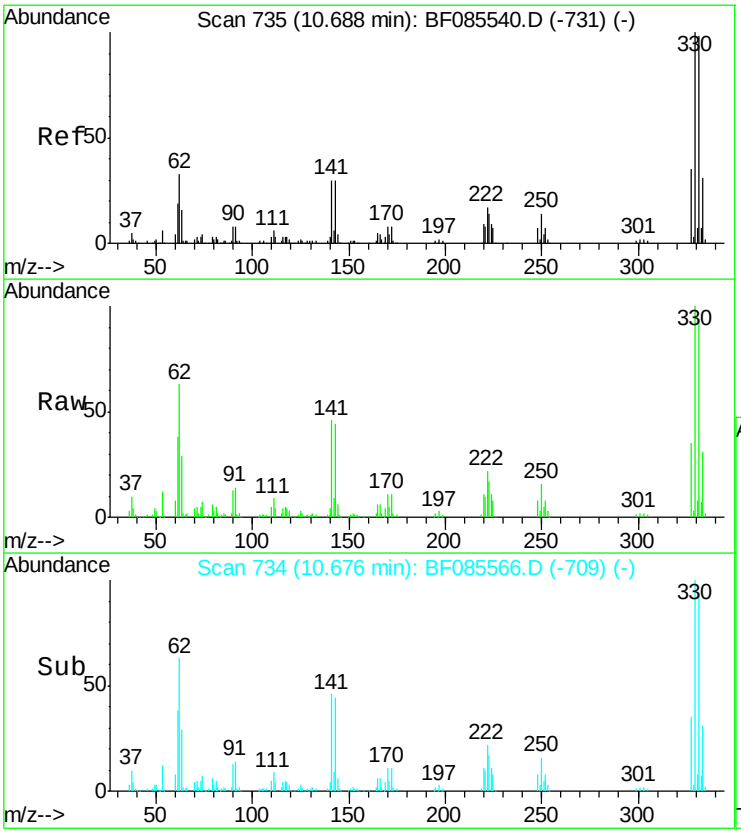
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion:164 Resp: 234503

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.1	123.1
160	47.2	37.4	56.2

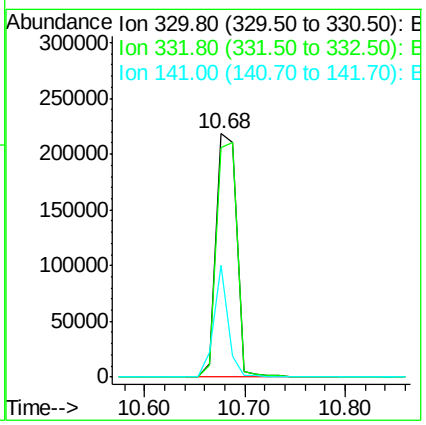


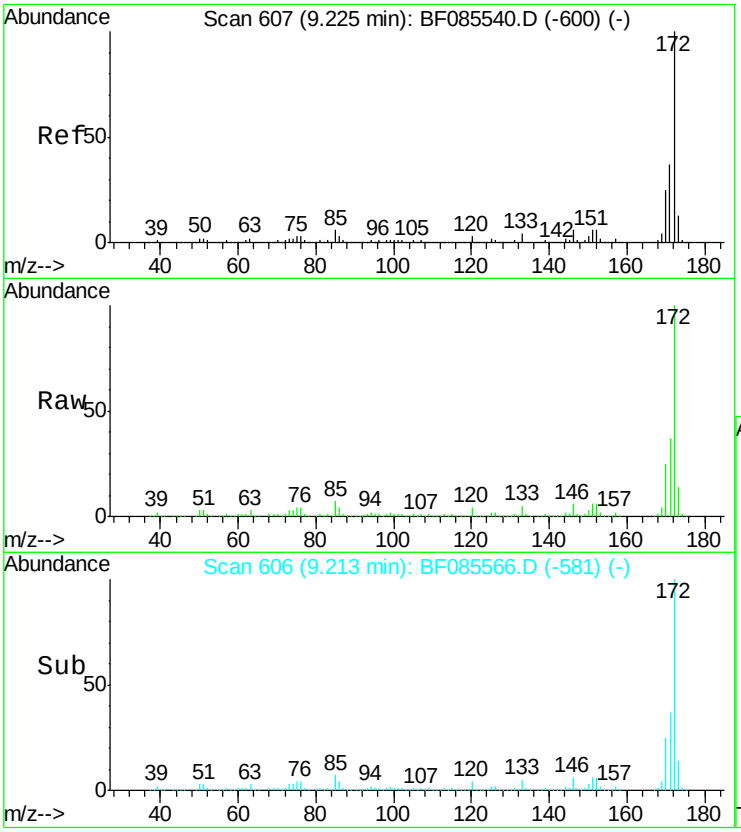


#41
2,4,6-Tribromophenol
Concen: 135.17 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:330 Resp: 310497

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	32.2	31.5	47.3



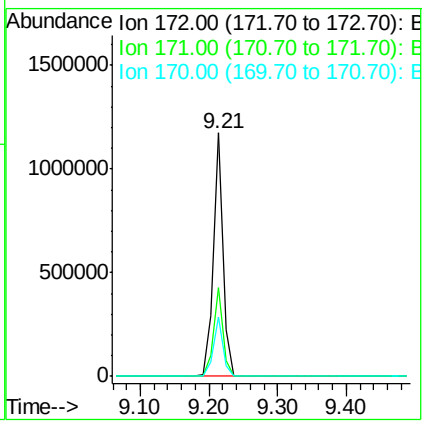


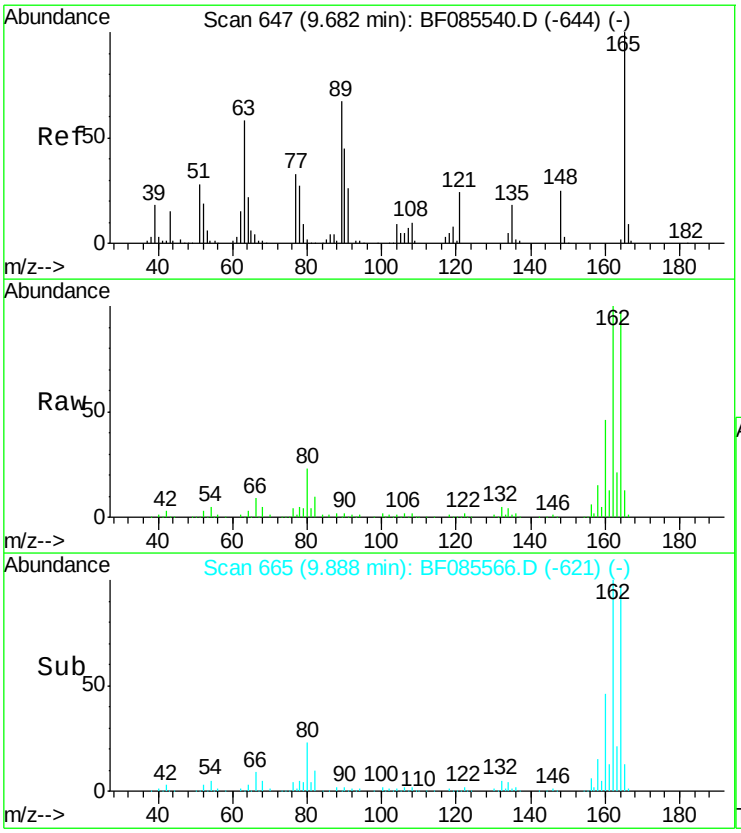
#44
2-Fluorobiphenyl
Concen: 85.63 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion:172 Resp: 1175048

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.5	19.8	29.6

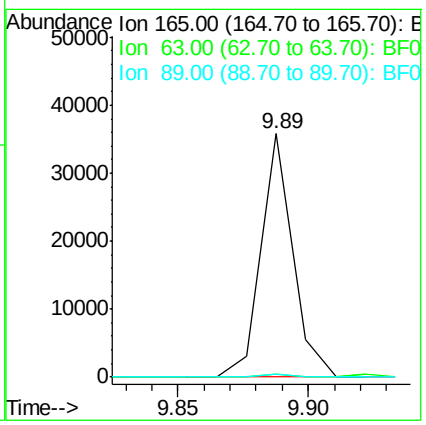


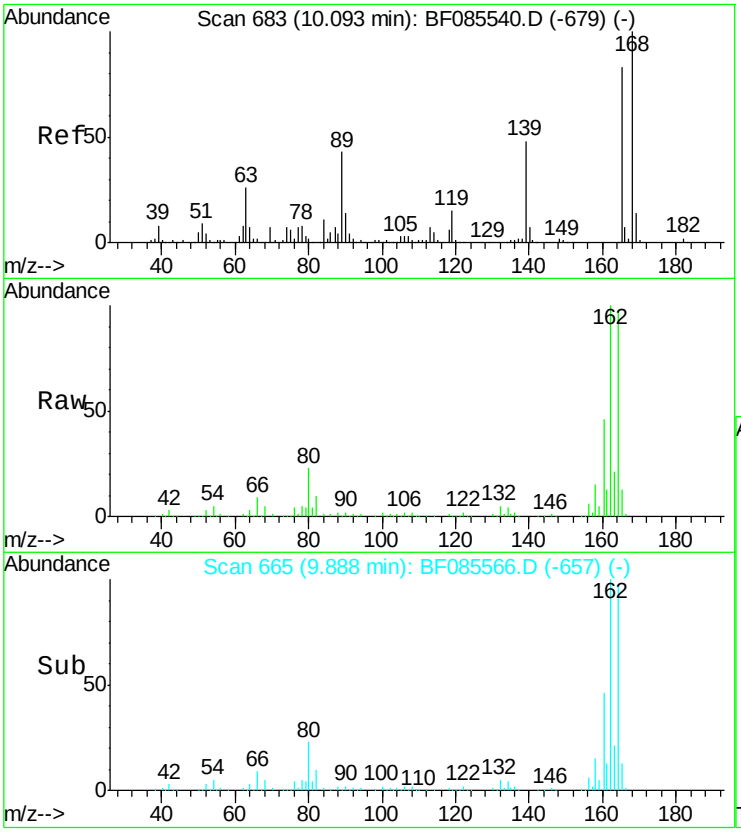


#50
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.21 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:165 Resp: 30460

Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.8	77.8#
89	1.3	53.7	80.5#



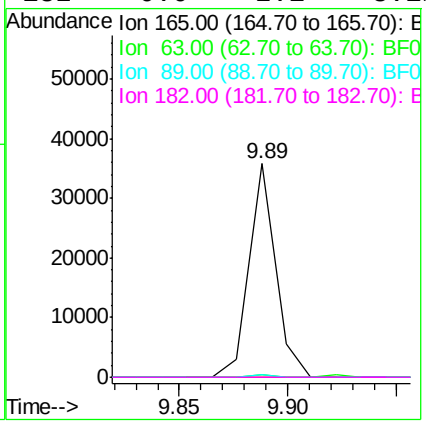


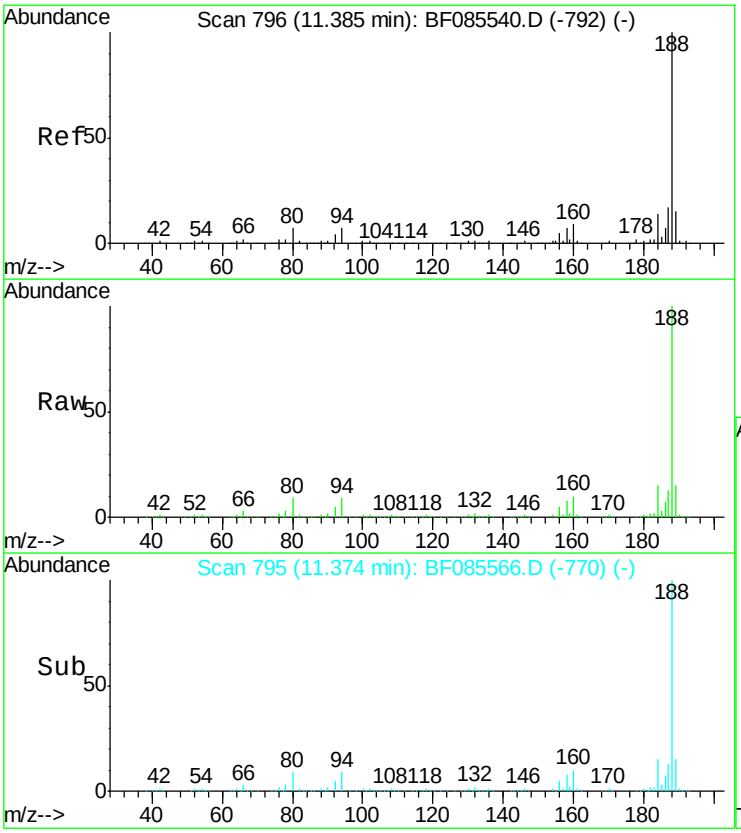
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion:165 Resp: 30462

Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.3	41.0	61.6#
182	0.0	2.1	3.1#

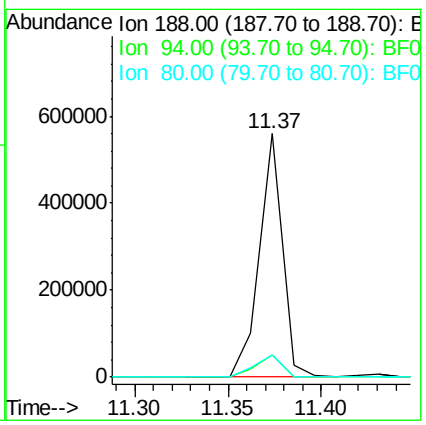


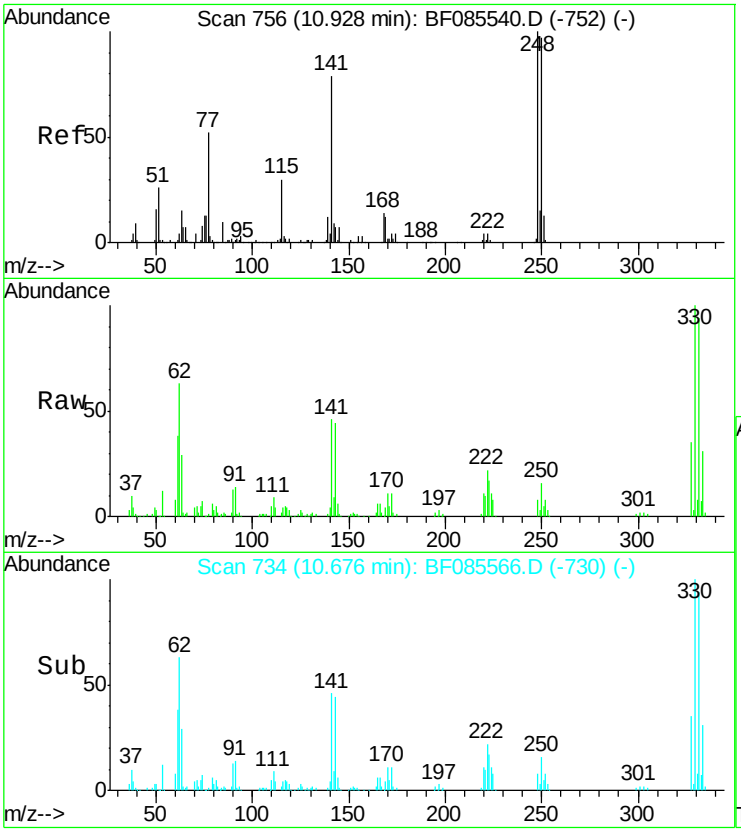


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:188 Resp: 475126

Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.4	8.0#
80	9.1	5.5	8.3#



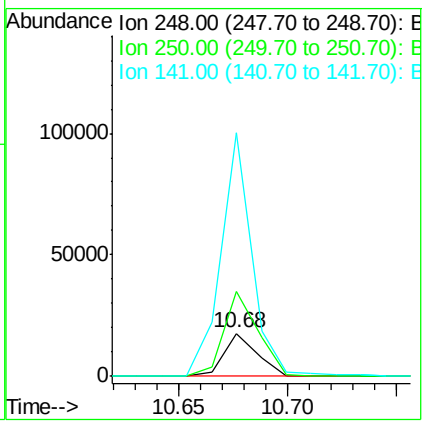


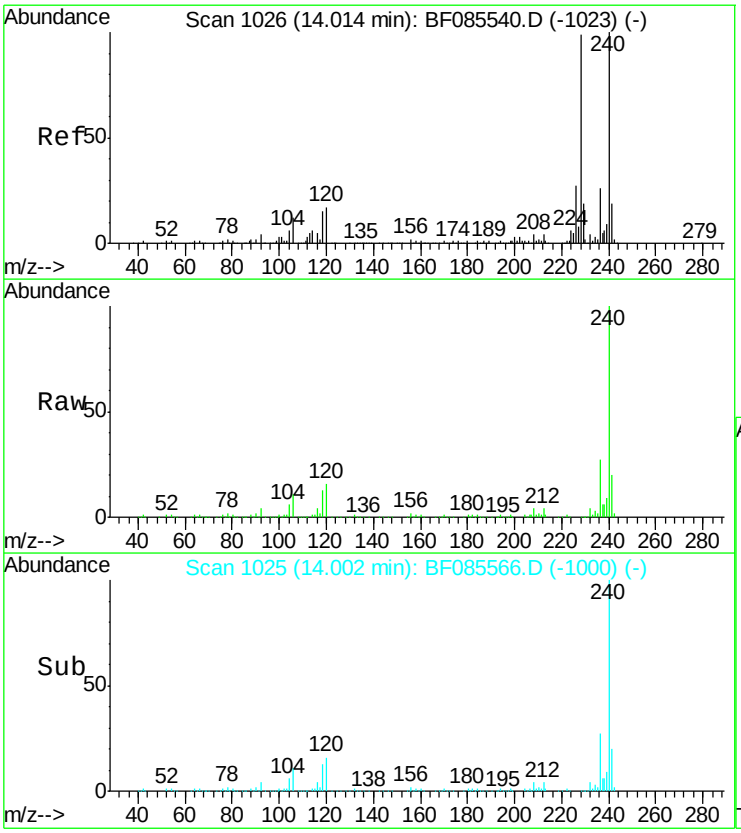
#66
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion:248 Resp: 18856

Ion	Ratio	Lower	Upper
248	100		
250	197.3	77.4	116.0#
141	569.7	63.6	95.4#

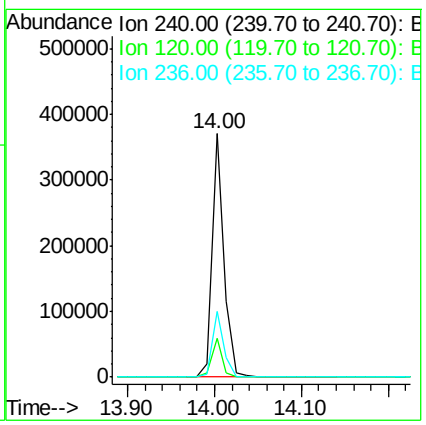


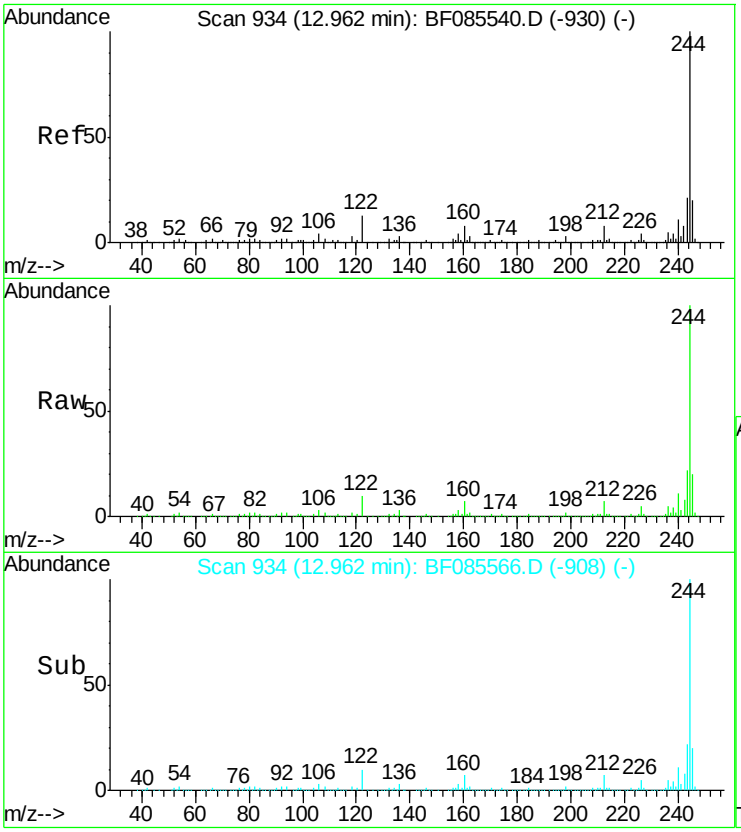


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:240 Resp: 357460

Ion	Ratio	Lower	Upper
240	100		
120	16.0	13.8	20.8
236	26.8	20.6	30.8



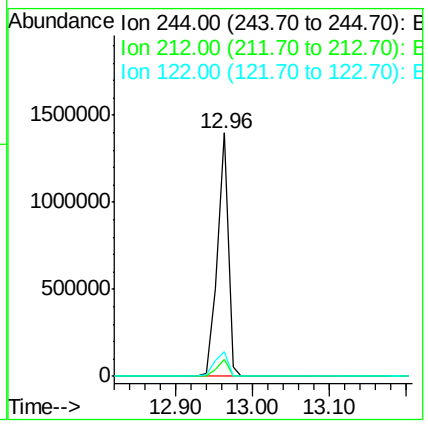


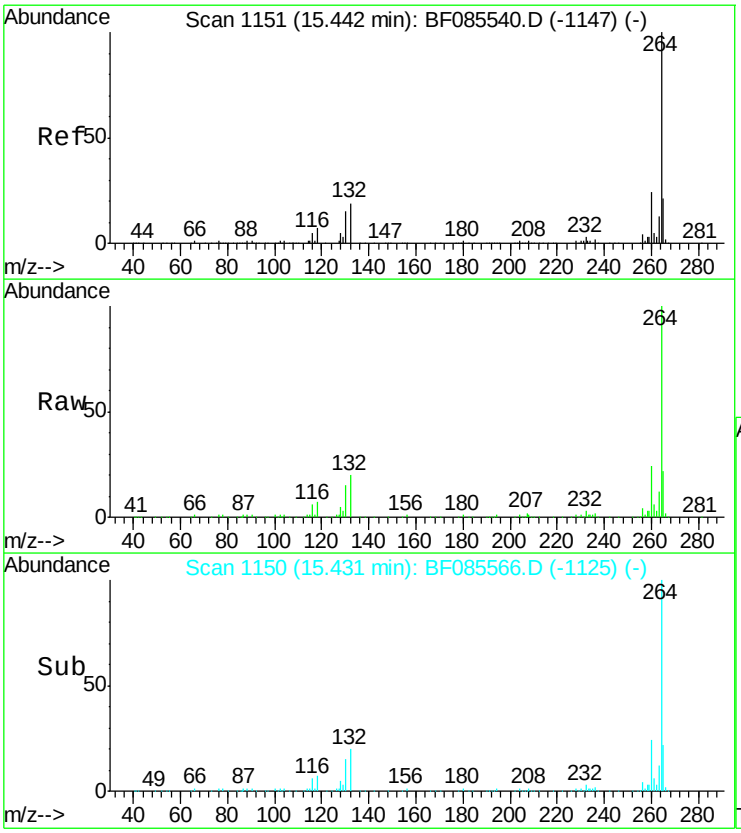
#78
Terphenyl-d14
Concen: 91.73 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-DEBRIS-COMP

Tgt Ion:244 Resp: 1362624

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.2	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:264 Resp: 272762

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	17.2	25.8