Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085150.D
Acq On : 3 Mar 2016 5:34
Operator : SJ/IZ
Sample : H1640-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-1

Quant Time: Mar 03 06:30:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	170449	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	693014	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	297171	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	507424	20.00	ng	0.00
75) Chrysene-d12	14.15	240	382801	20.00	ng	0.00
86) Perylene-d12	15.63	264	386114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1442108	137.36	ng	0.03
7) Phenol-d6	6.62	99	1725776	125.38	ng	0.00
23) Nitrobenzene-d5	7.56	82	1255457	96.38	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	502294	168.19	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1751166	86.79	ng	0.00
78) Terphenyl-d14	13.10	244	1465068	89.78	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	2335	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.56	70	172846	19.06	ng	# 76
31) Naphthalene	8.30	128	187483	5.35	ng	97
32) Benzoic acid	7.96	122	542	12.46	ng	# 76
50) 2,6-Dinitrotoluene	10.02	165	37359	8.18	ng	# 22
55) 4-Nitrophenol	10.23	139	9165	2.20	ng	# 21
56) 2,4-Dinitrotoluene	10.02	165	37361	6.07	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	985	7.48	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	29085	5.46	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
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Acq On : 3 Mar 2016 5:34
Operator : SJ/IZ
Sample : H1640-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Quant Time: Mar 03 06:30:33 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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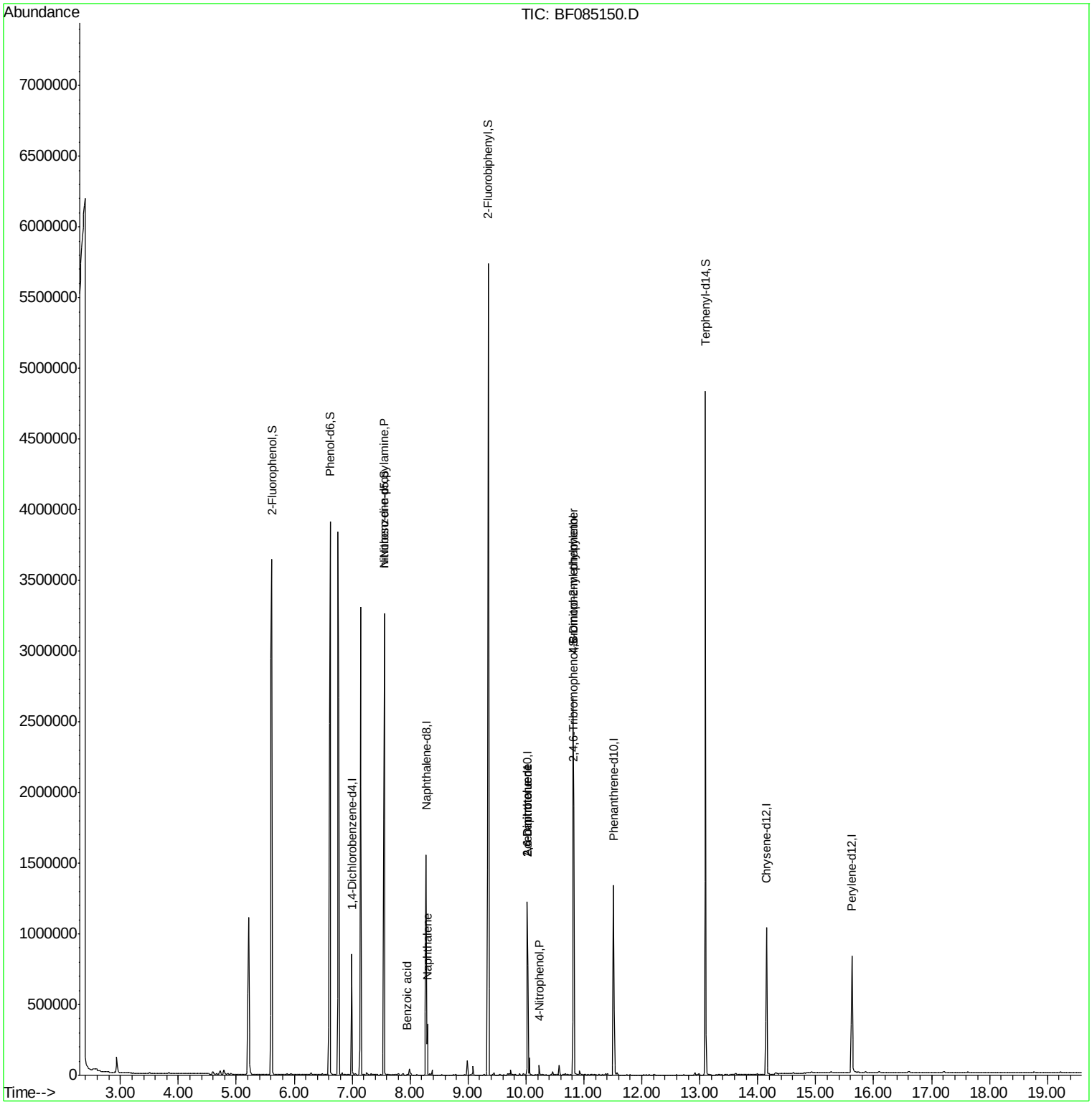
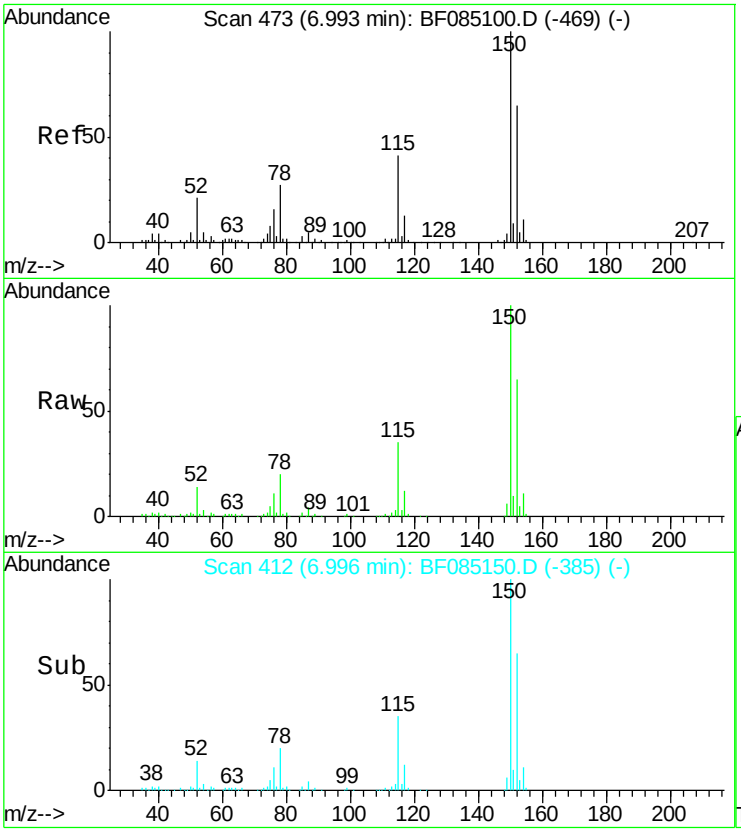


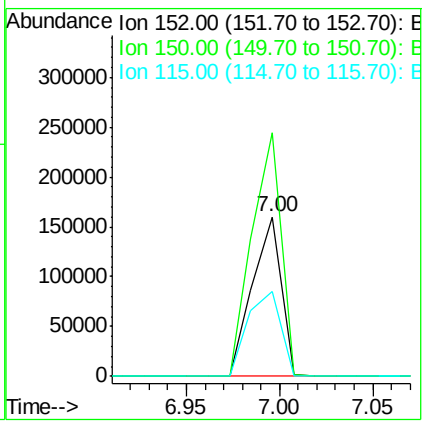


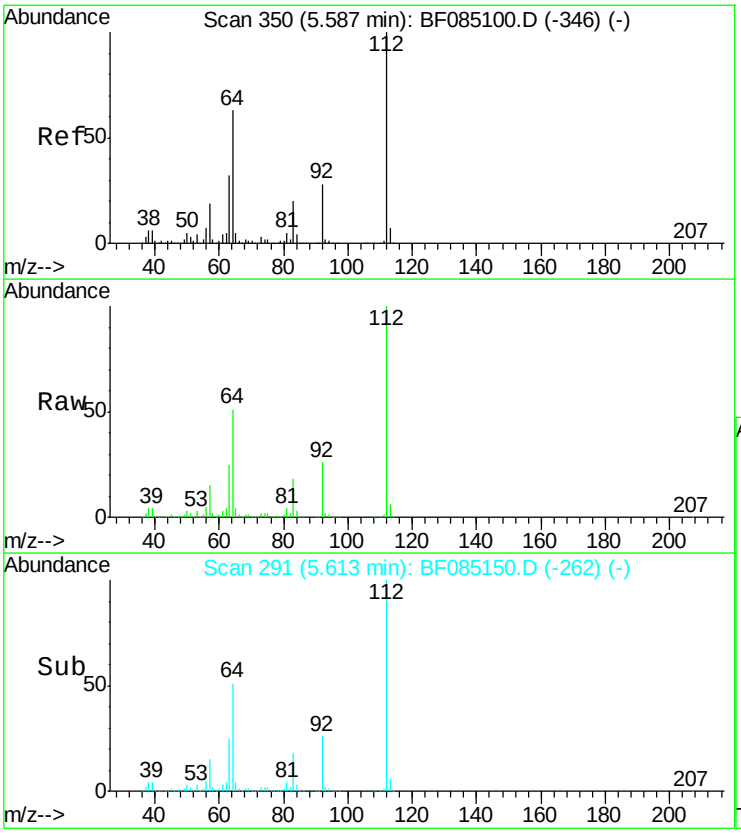
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:152 Resp: 170449

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.4	185.0
115	53.3	50.0	75.0

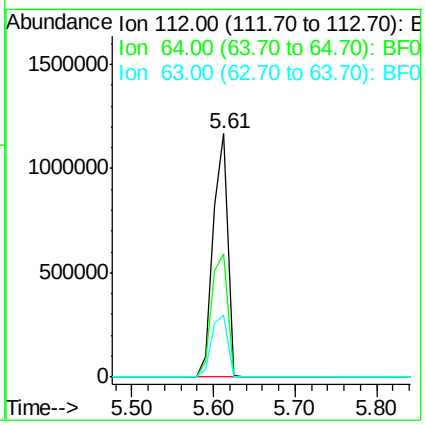


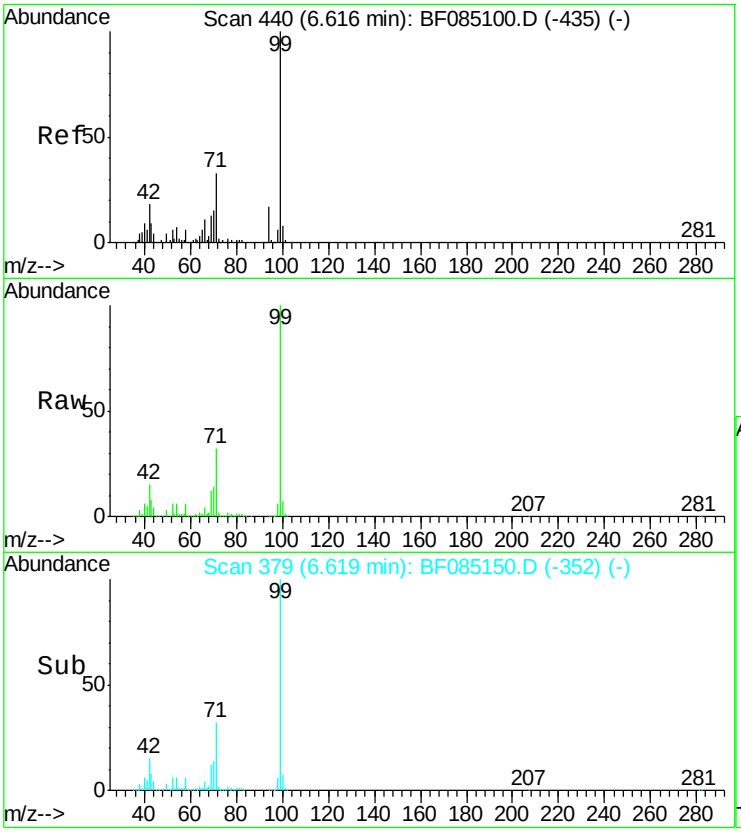


#5
2-Fluorophenol
Concen: 137.36 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:112 Resp: 1442108

Ion	Ratio	Lower	Upper
112	100		
64	50.6	50.6	76.0#
63	25.4	25.5	38.3#



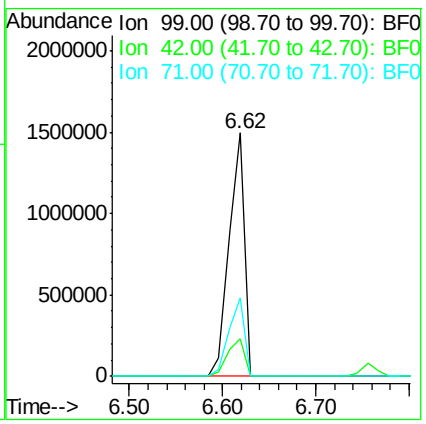


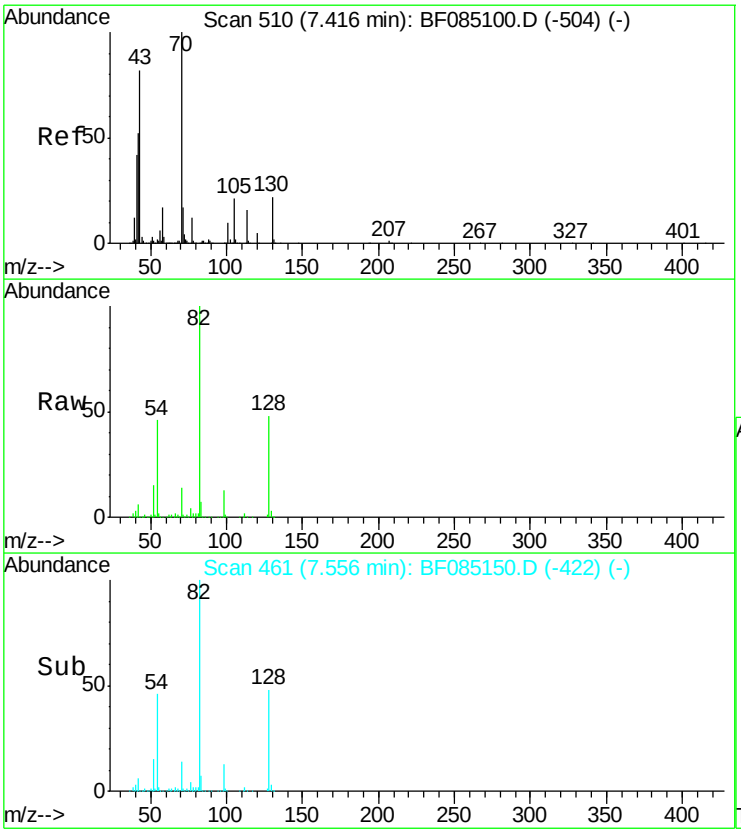
#7
Phenol-d6
Concen: 125.38 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion: 99 Resp: 1725776

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.1	21.1
71	32.0	26.8	40.2

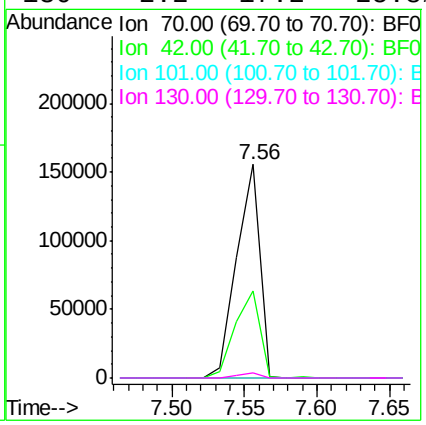


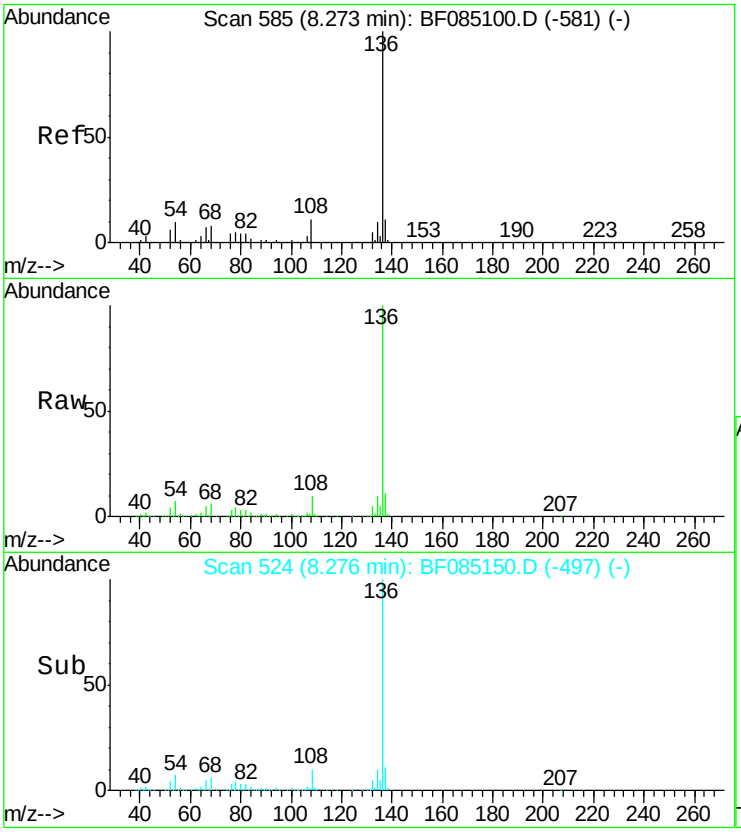


#19
n-Nitroso-di-n-propylamine
Concen: 19.06 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion: 70 Resp: 172846

Ion	Ratio	Lower	Upper
70	100		
42	40.9	41.9	62.9#
101	0.0	7.8	11.8#
130	2.2	17.2	25.8#



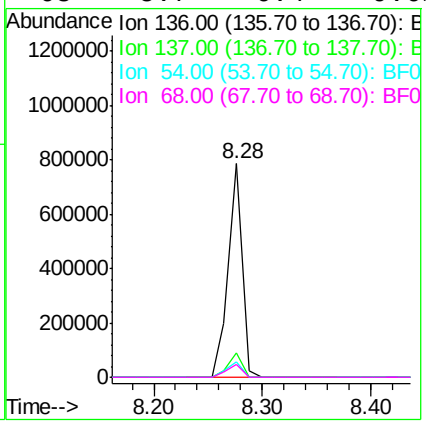


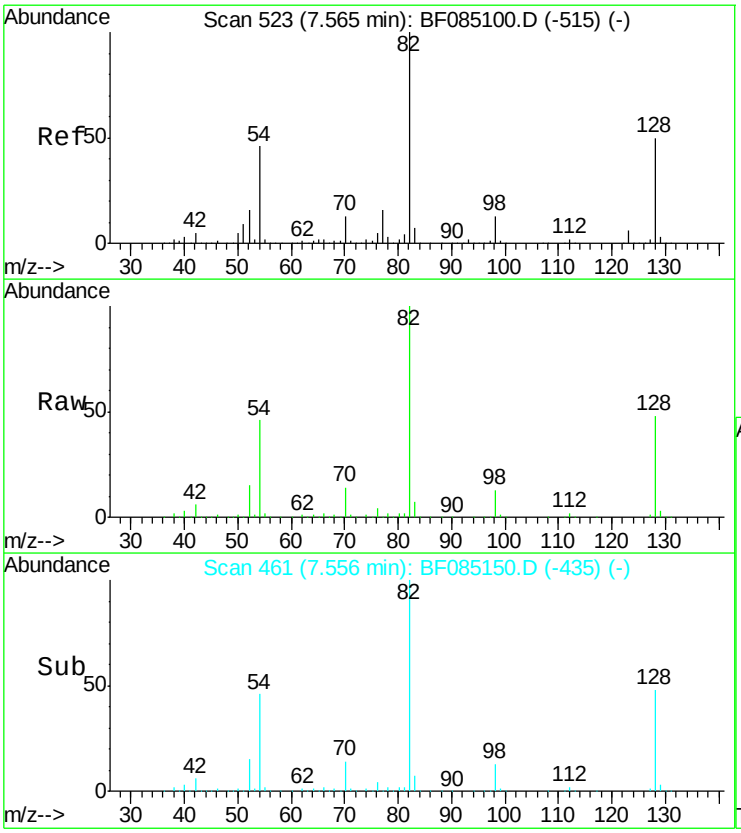
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:136 Resp: 693014

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.0	8.5	12.7#
68	5.7	6.4	9.6#

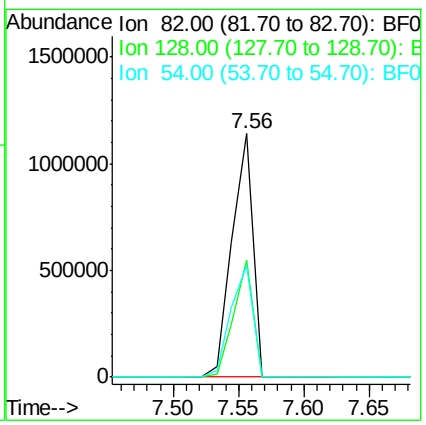


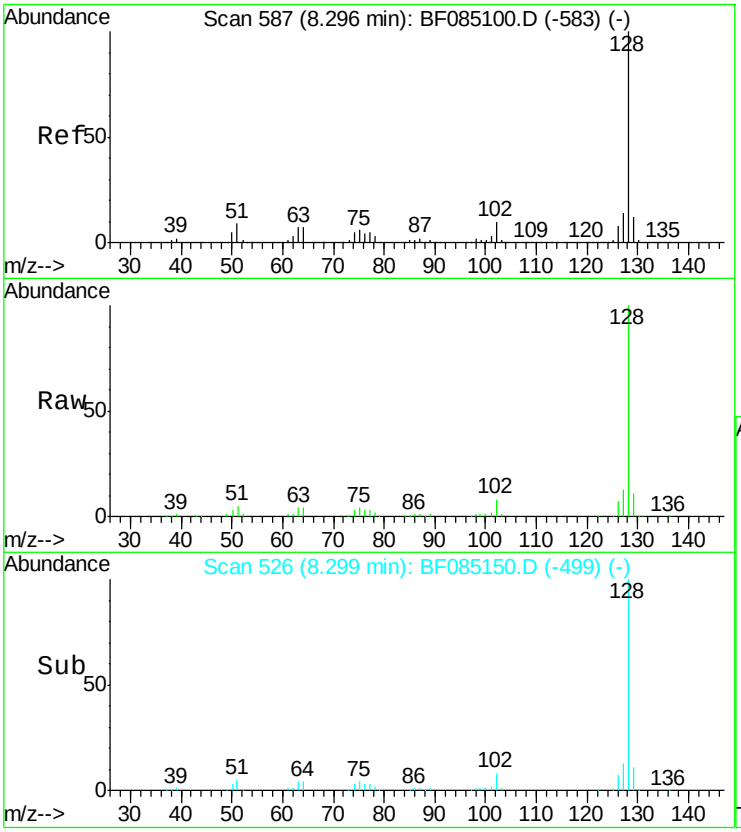


#23
Nitrobenzene-d5
Concen: 96.38 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion: 82 Resp: 1255457

Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.8	59.6
54	46.1	36.6	54.8



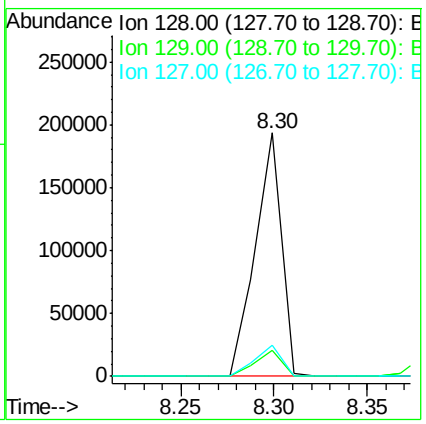


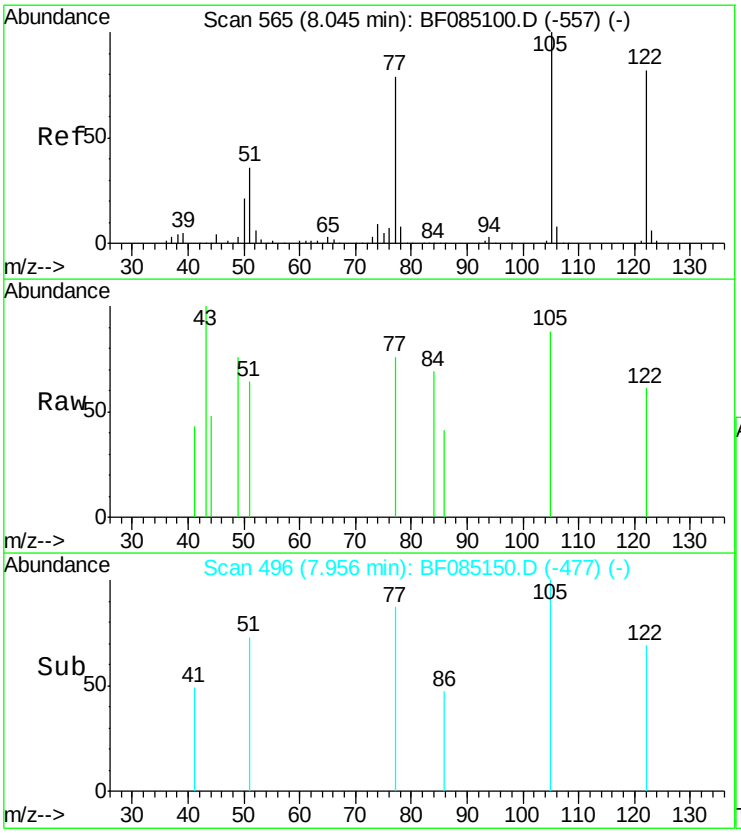
#31
Naphthalene
Concen: 5.35 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:128 Resp: 187483

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.7	14.5
127	12.7	11.1	16.7

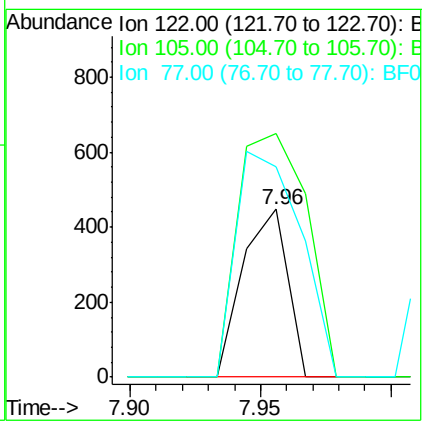


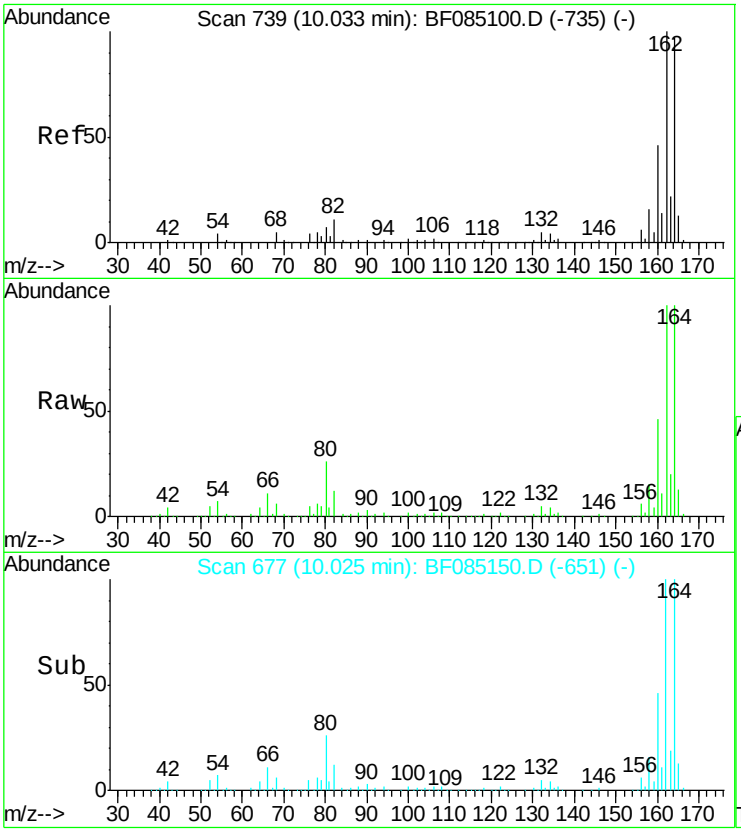


#32
Benzoic acid
Concen: 12.46 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:122 Resp: 542

Ion	Ratio	Lower	Upper
122	100		
105	144.9	102.0	142.0#
77	125.4	76.8	116.8#



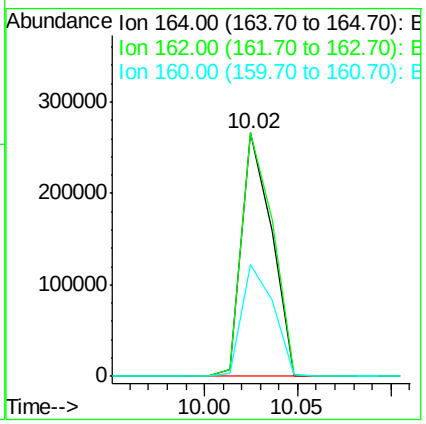


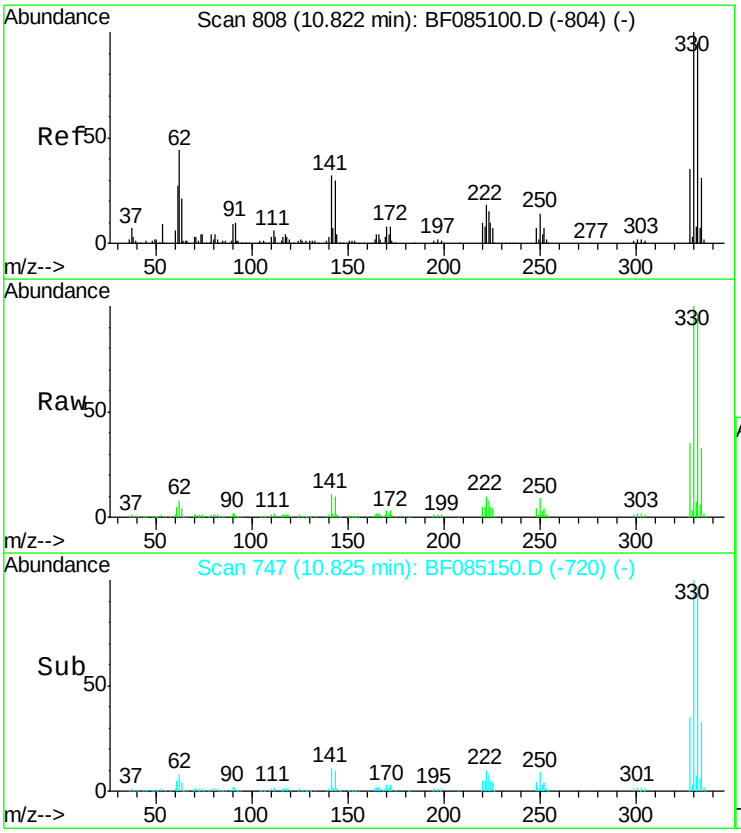
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:164 Resp: 297171

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	45.9	38.2	57.2

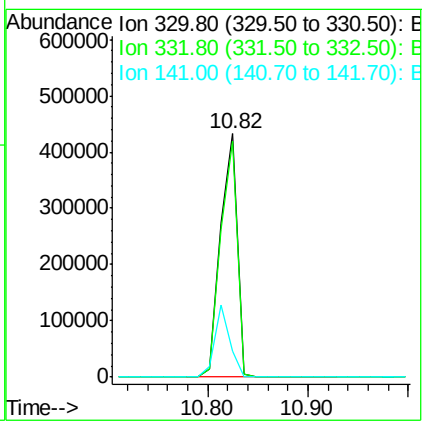


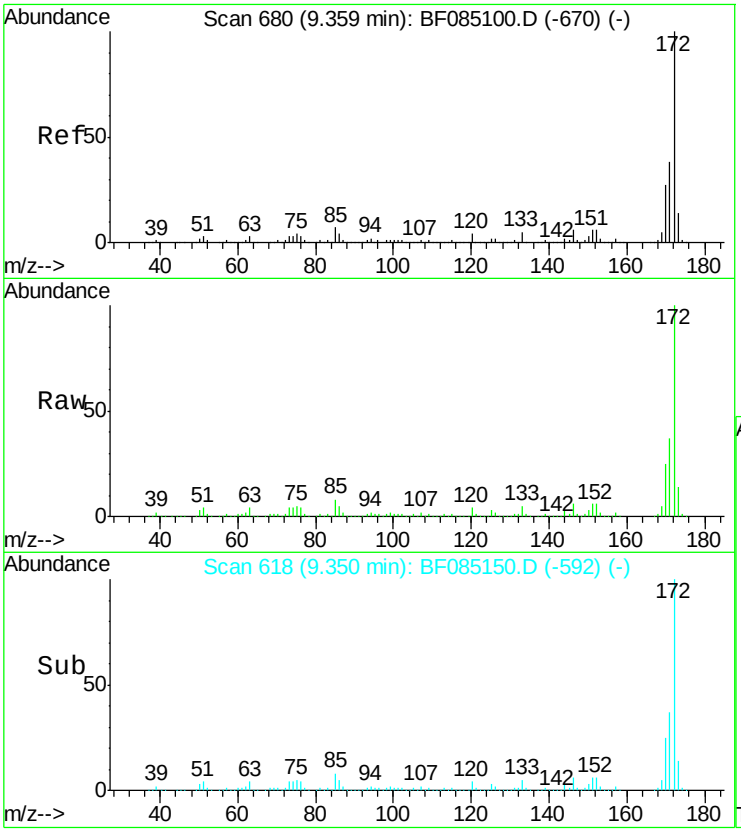


#41
2,4,6-Tribromophenol
Concen: 168.19 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:330 Resp: 502294

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.9	113.9
141	26.9	28.9	43.3#



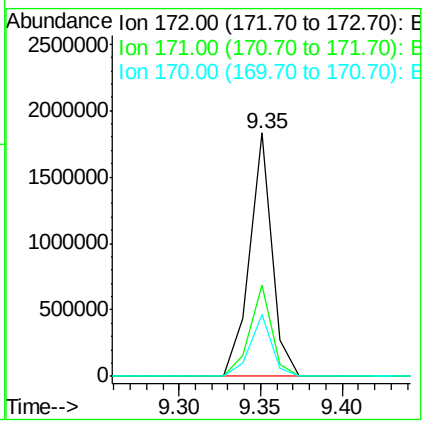


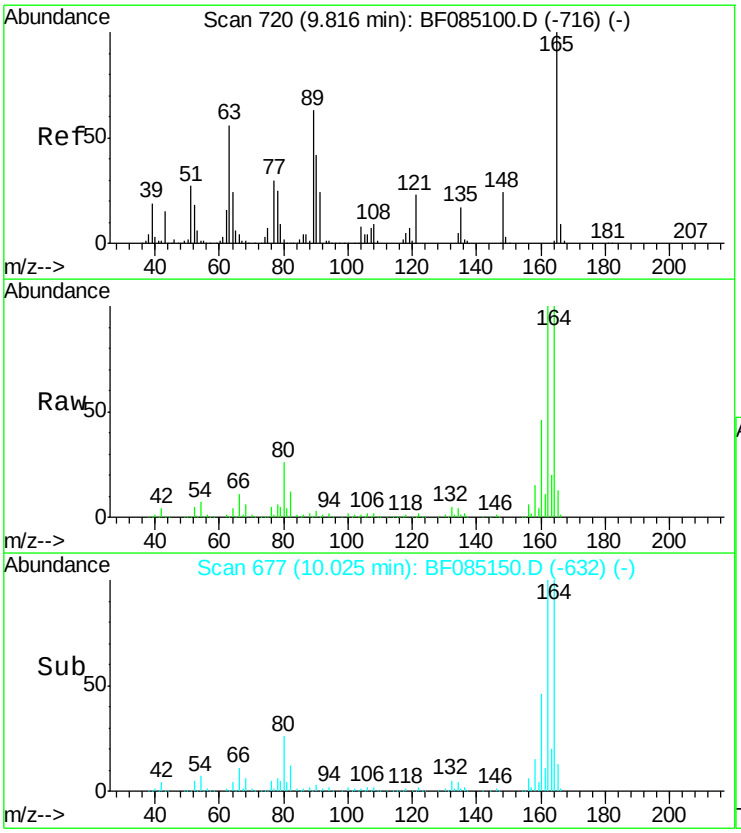
#44
2-Fluorobiphenyl
Concen: 86.79 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:172 Resp: 1751166

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	25.3	21.2	31.8

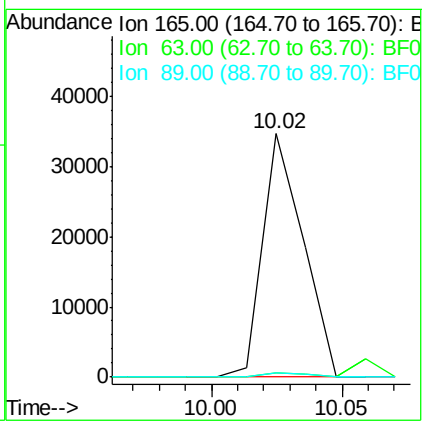


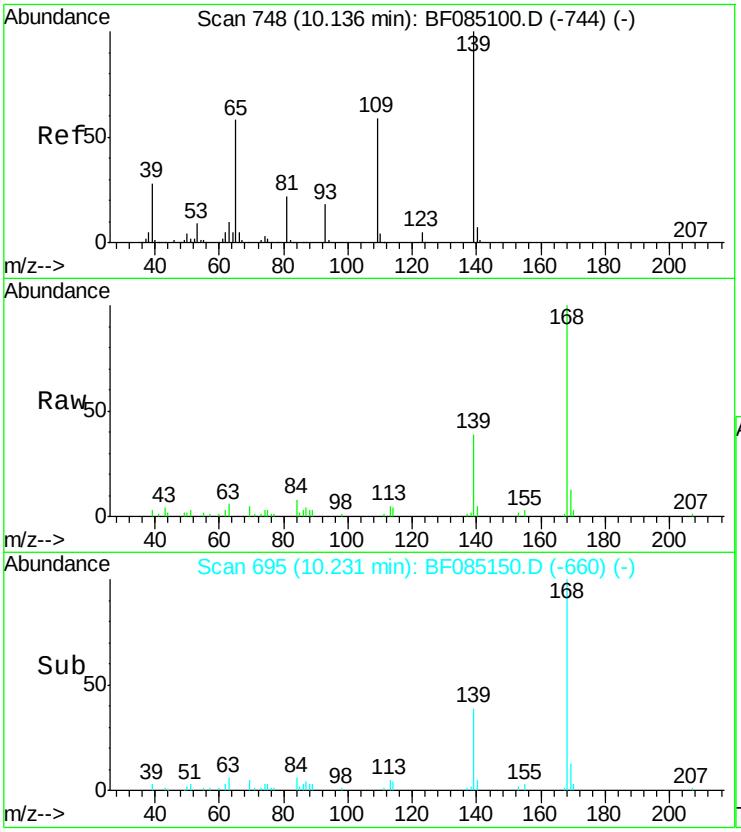


#50
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:165 Resp: 37359

Ion	Ratio	Lower	Upper
165	100		
63	1.6	47.4	71.2#
89	1.5	50.2	75.2#



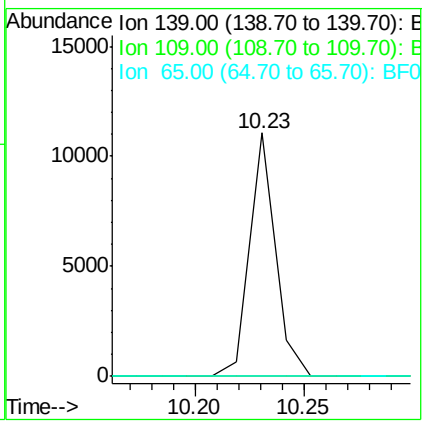


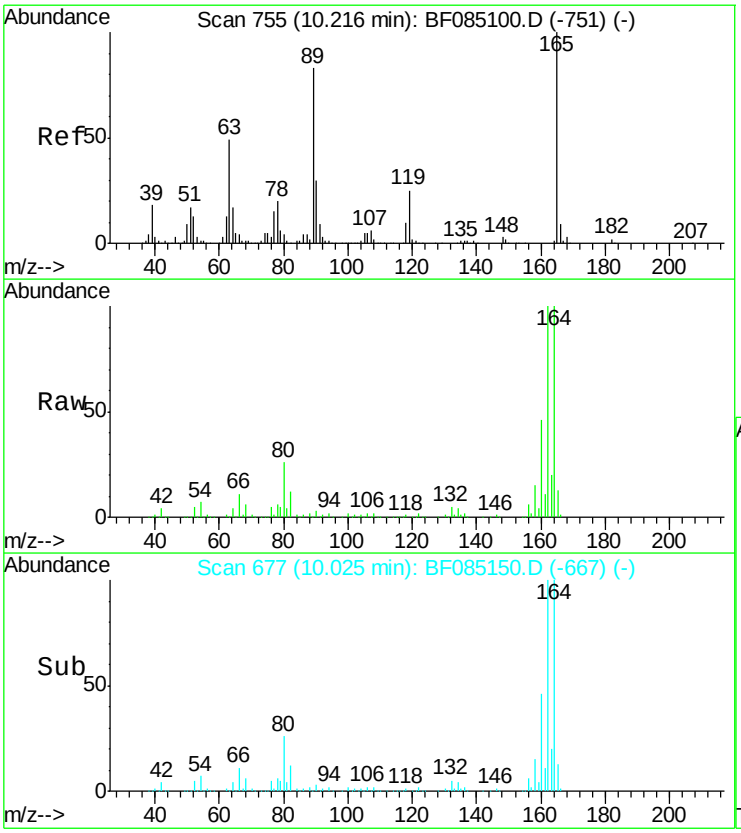
#55
4-Nitrophenol
Concen: 2.20 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.09 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:139 Resp: 9165

Ion	Ratio	Lower	Upper
139	100		
109	0.0	39.5	79.5#
65	0.0	38.4	78.4#

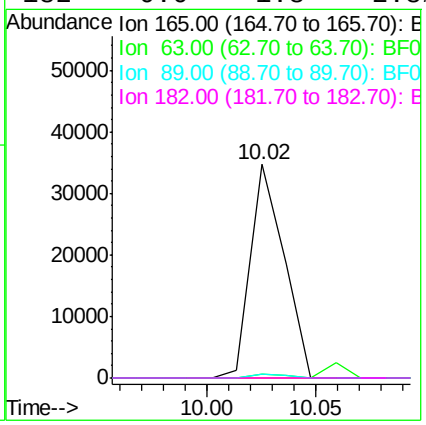


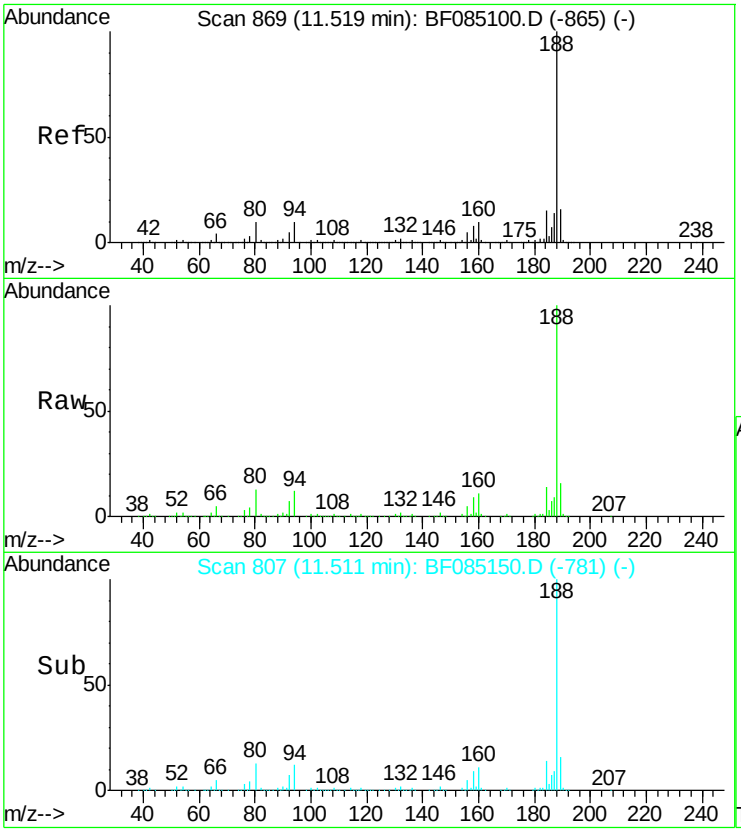


#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:165 Resp: 37361

Ion	Ratio	Lower	Upper
165	100		
63	1.6	39.2	58.8#
89	1.5	66.2	99.4#
182	0.0	1.8	2.8#



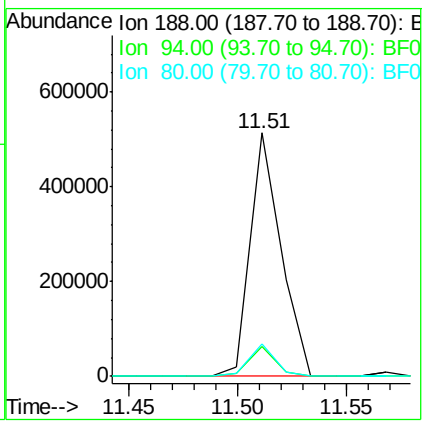


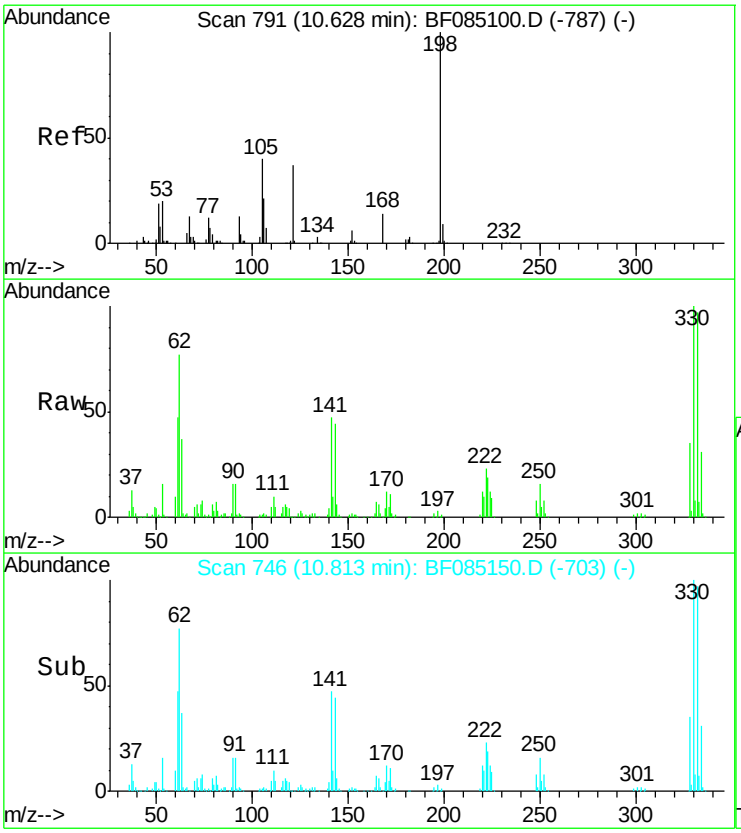
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:188 Resp: 507424

Ion	Ratio	Lower	Upper
188	100		
94	12.5	7.8	11.6#
80	13.4	8.2	12.4#

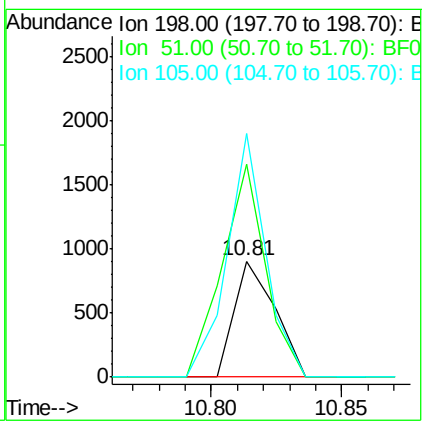


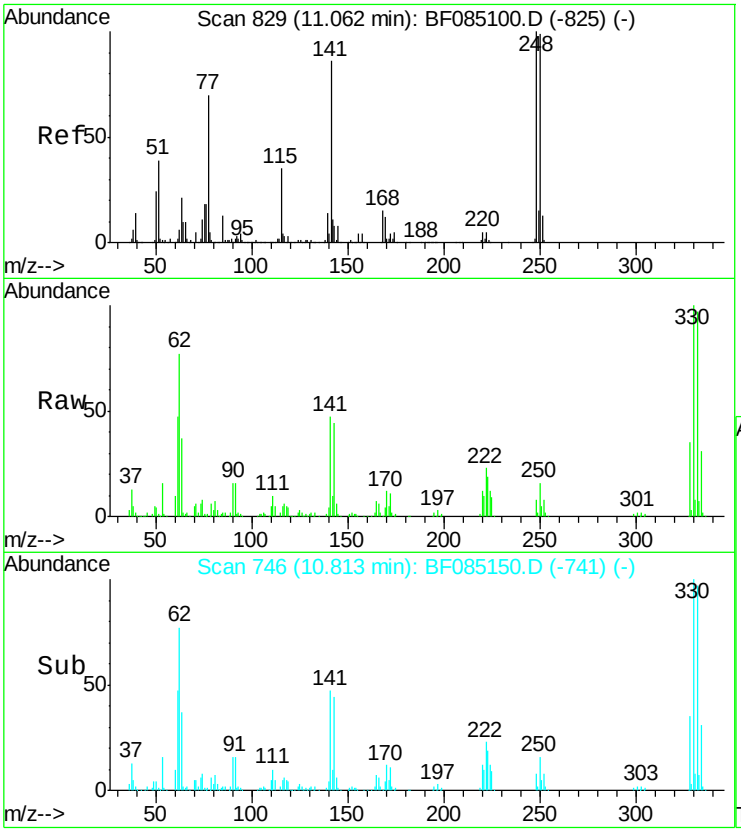


#64
4,6-Dinitro-2-methylphenol
Concen: 7.48 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:198 Resp: 985

Ion	Ratio	Lower	Upper
198	100		
51	182.8	12.5	52.5#
105	209.6	20.2	60.2#



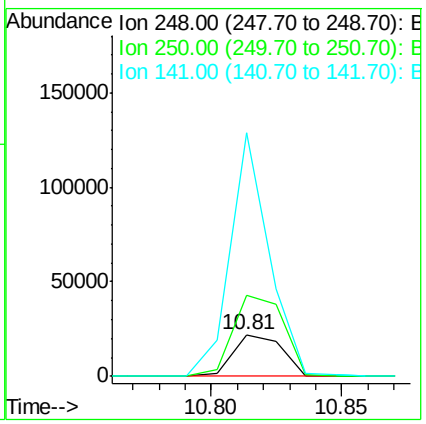


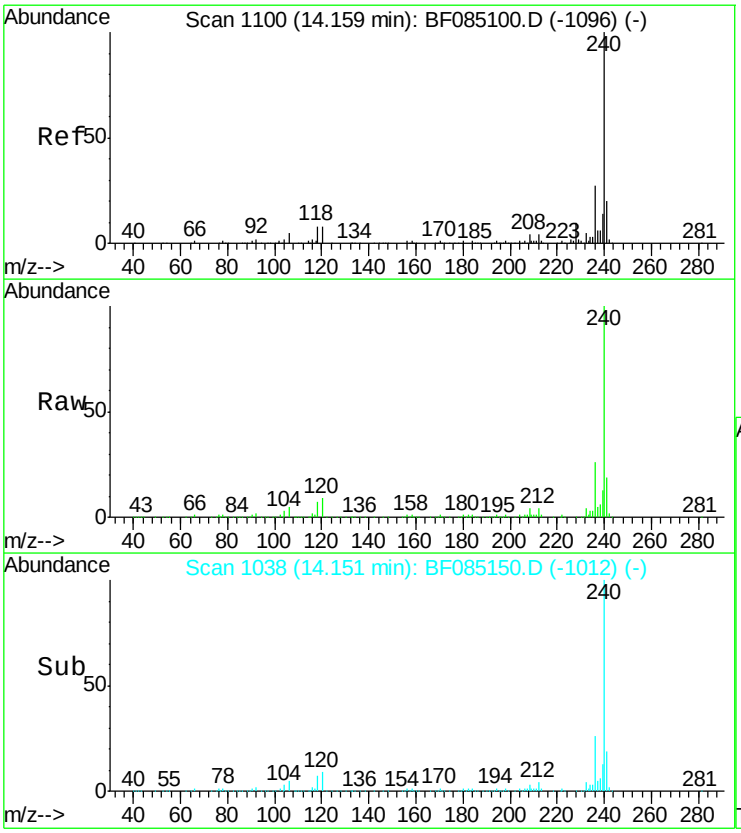
#66
4-Bromophenyl-phenylether
Concen: 5.46 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:248 Resp: 29085

Ion	Ratio	Lower	Upper
248	100		
250	195.7	79.0	118.4#
141	586.4	68.6	103.0#

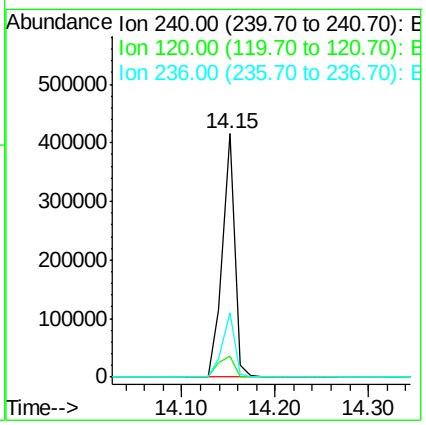


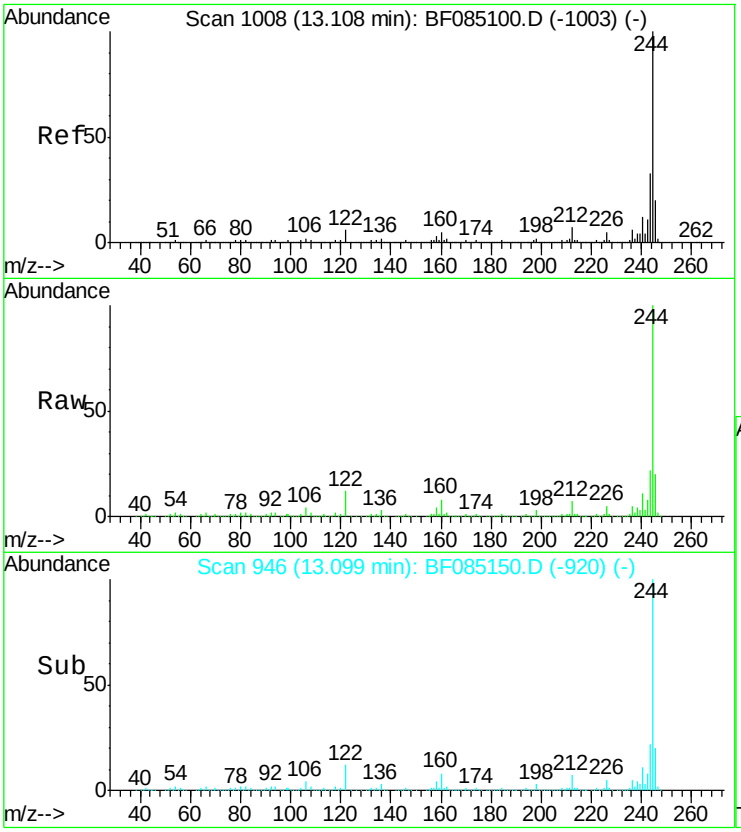


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:240 Resp: 382801

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	26.3	21.6	32.4



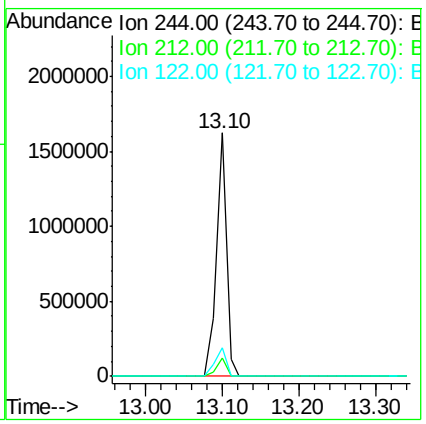


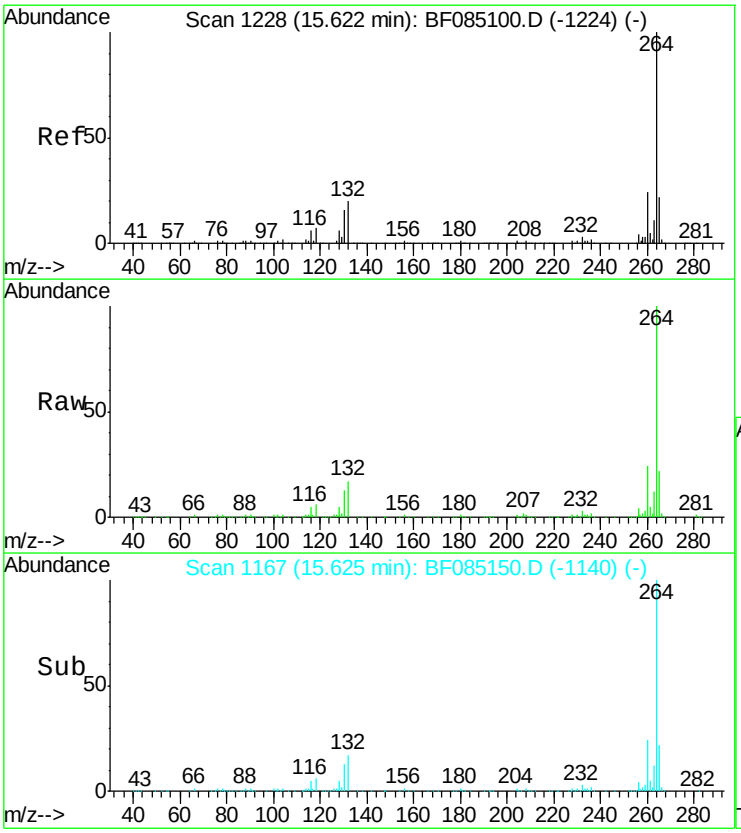
#78
Terphenyl-d14
Concen: 89.78 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Instrument :
BNA_F
ClientSampleId :
WASTE-1

Tgt Ion:244 Resp: 1465068

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.7	5.1	7.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085150.D
Acq: 3 Mar 2016 5:34

Tgt Ion:264 Resp: 386114

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.8	17.4	26.2