Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084385.D
Acq On : 11 Jan 2016 17:49
Operator : SJ/UM
Sample : H1058-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 12 02:12:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235921	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	924777	20.00	ng		-0.05
38) Acenaphthene-d10	9.89	164	439836	20.00	ng		-0.06
63) Phenanthrene-d10	11.38	188	738208	20.00	ng		-0.05
75) Chrysene-d12	14.01	240	457286	20.00	ng		-0.06
86) Perylene-d12	15.44	264	390286	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1852388	127.00	ng		-0.01
7) Phenol-d6	6.50	99	2056756	112.28	ng		-0.03
23) Nitrobenzene-d5	7.42	82	1747832	105.19	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	585578	131.87	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	2415964	97.56	ng		-0.04
78) Terphenyl-d14	12.97	244	1938407	94.62	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	249177	20.09	ng	#	72
31) Naphthalene	8.16	128	87095	2.08	ng		98
32) Benzoic acid	7.88	122	9562	7.08	ng	#	84
50) 2,6-Dinitrotoluene	9.89	165	56189	8.15	ng	#	38
54) Dibenzofuran	10.10	168	14520	Below Cal			98
56) 2,4-Dinitrotoluene	9.89	165	56182	6.44	ng	#	21
57) Fluorene	10.44	166	10316	Below Cal			95
64) 4,6-Dinitro-2-methylphenol	10.68	198	1274	6.63	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	34164	4.30	ng	#	1
73) Di-n-butylphthalate	11.94	149	9893	Below Cal		#	93

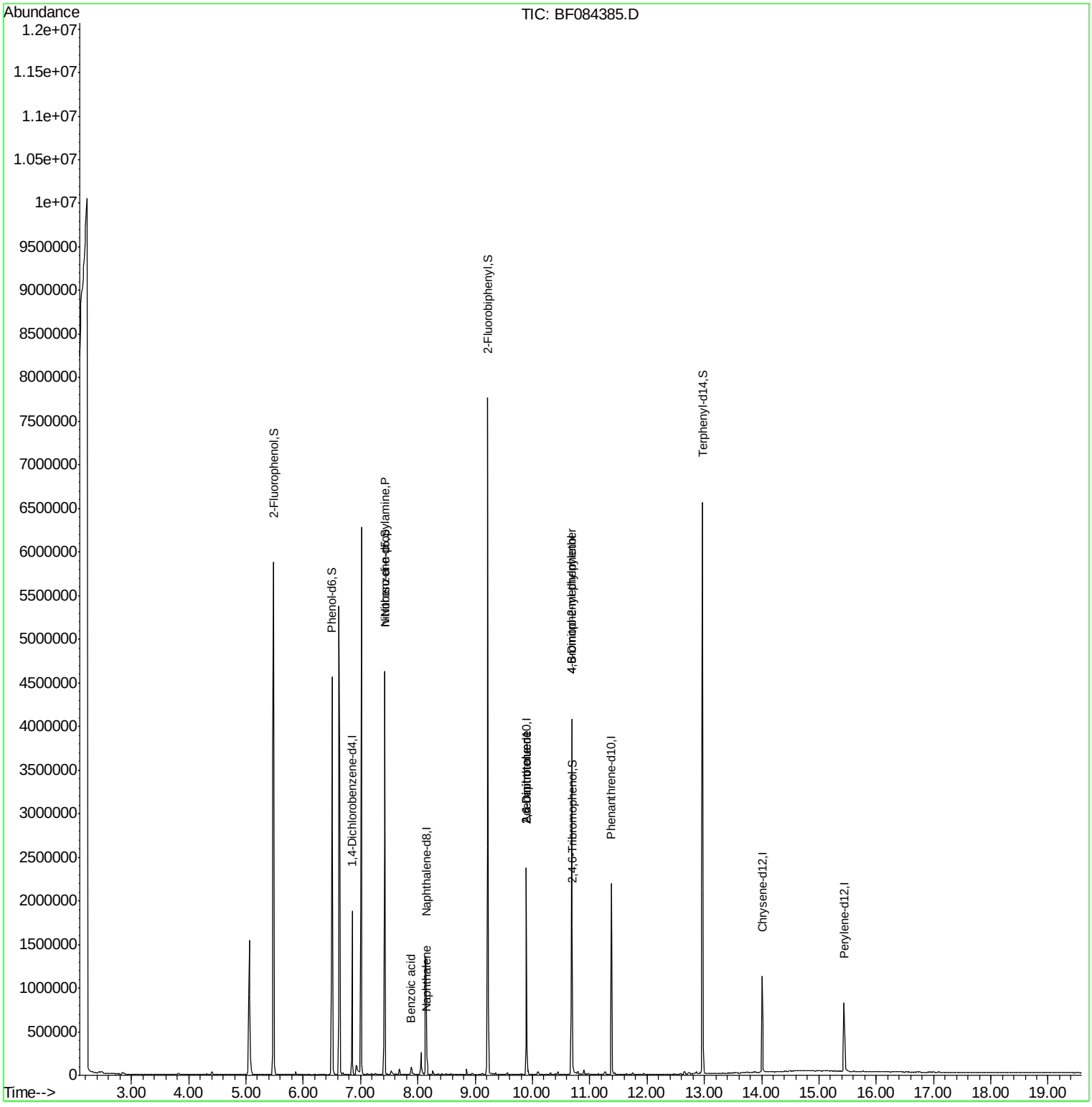
(#) = qualifier out of range (m) = manual integration (+) = signals summed

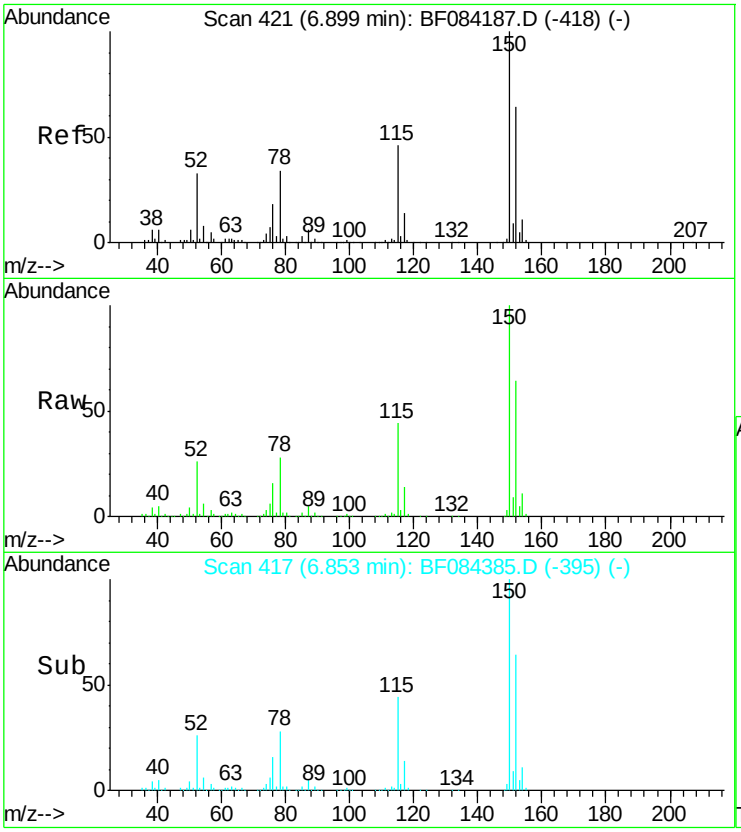
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084385.D
Acq On : 11 Jan 2016 17:49
Operator : SJ/UM
Sample : H1058-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 12 02:12:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



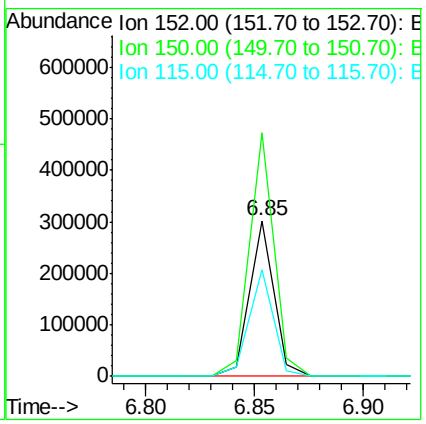


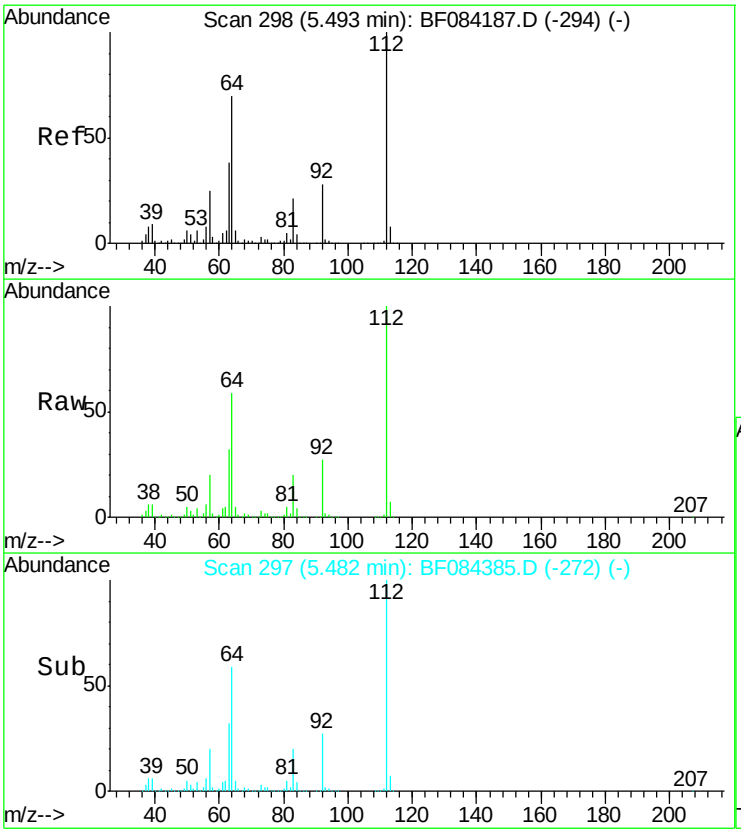
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:152 Resp: 235921

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	68.2	51.4	77.2

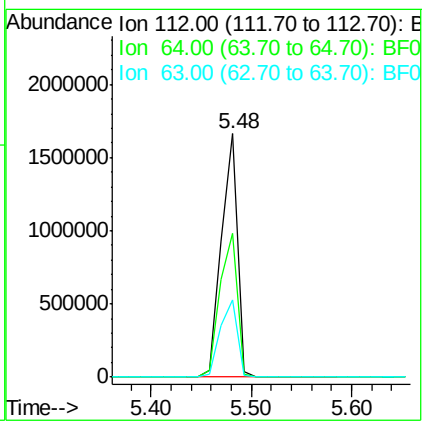


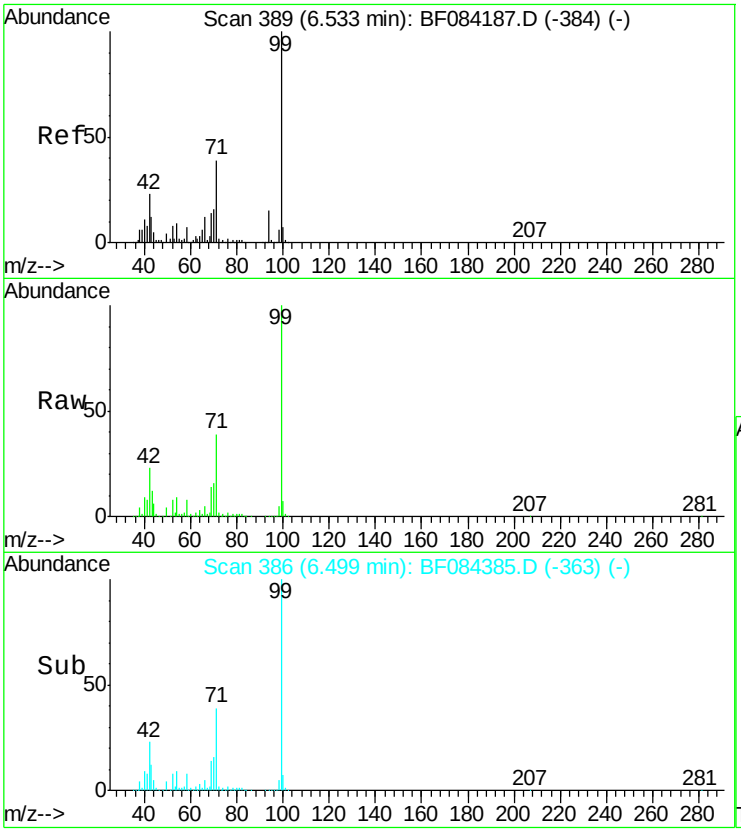


#5
2-Fluorophenol
Concen: 127.00 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:112 Resp: 1852388

Ion	Ratio	Lower	Upper
112	100		
64	59.0	36.6	55.0#
63	31.6	19.4	29.0#



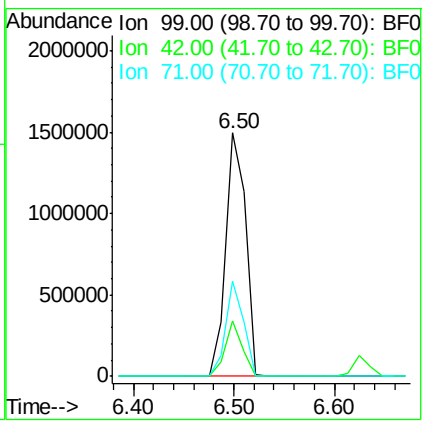


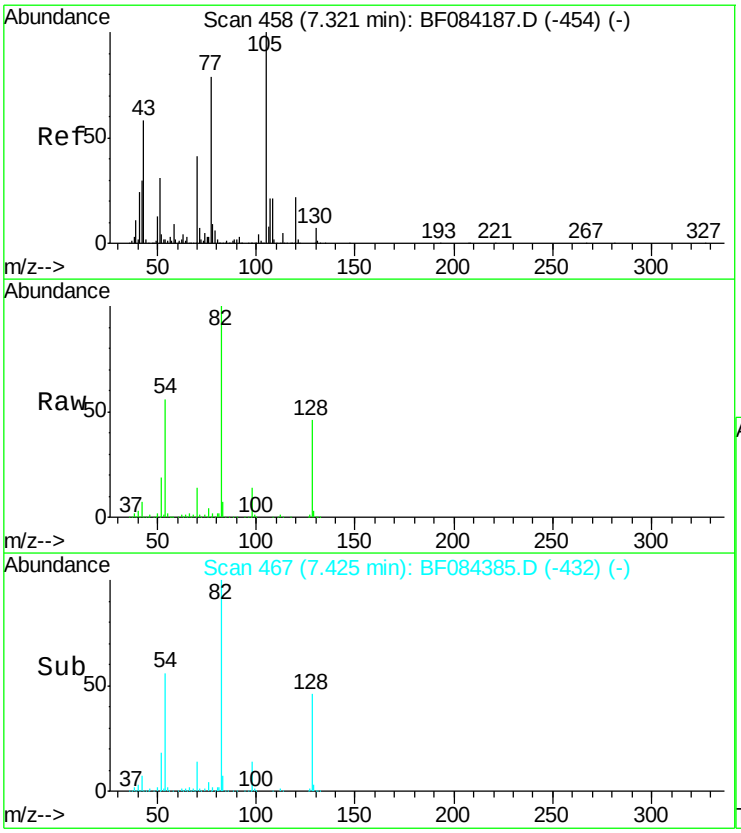
#7
Phenol-d6
Concen: 112.28 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.03 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion: 99 Resp: 2056756

Ion	Ratio	Lower	Upper
99	100		
42	22.7	12.8	19.2#
71	39.3	30.9	46.3

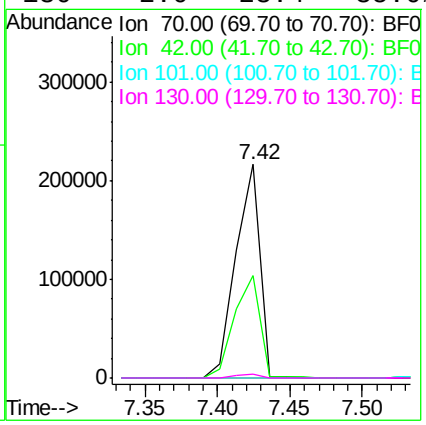


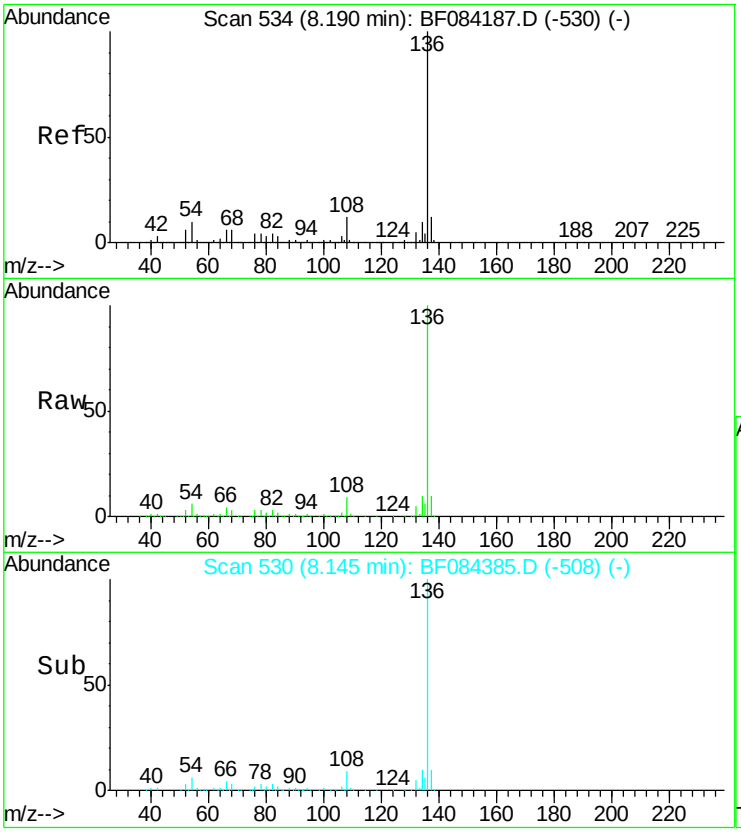


#19
n-Nitroso-di-n-propylamine
Concen: 20.09 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion: 70 Resp: 249177

Ion	Ratio	Lower	Upper
70	100		
42	48.2	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



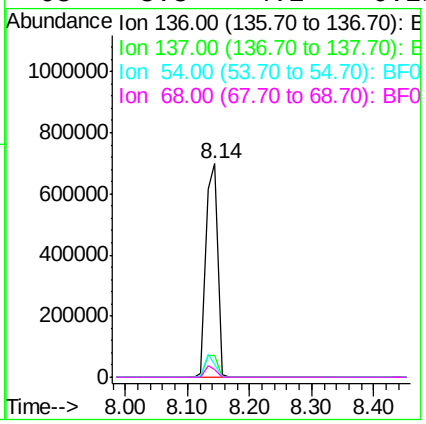


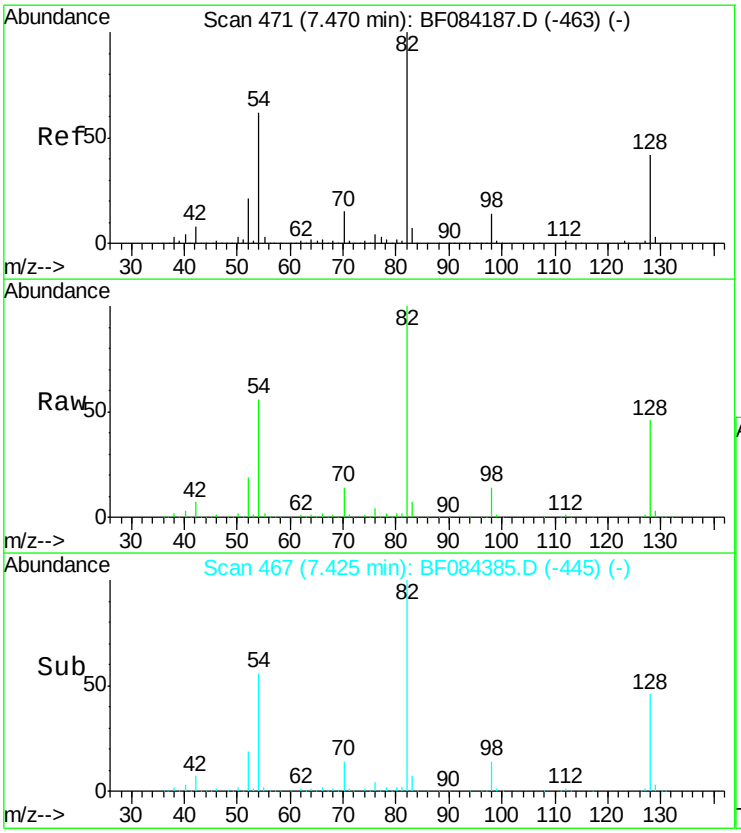
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:136 Resp: 924777

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.8	5.8	8.8#
68	3.3	4.2	6.2#

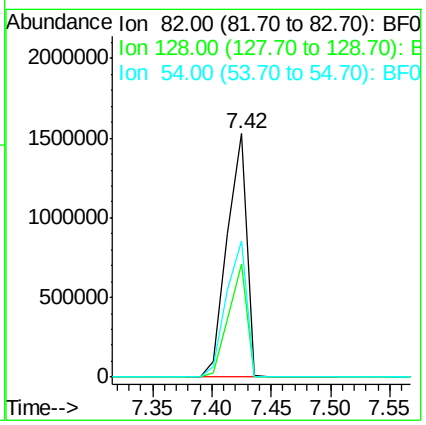


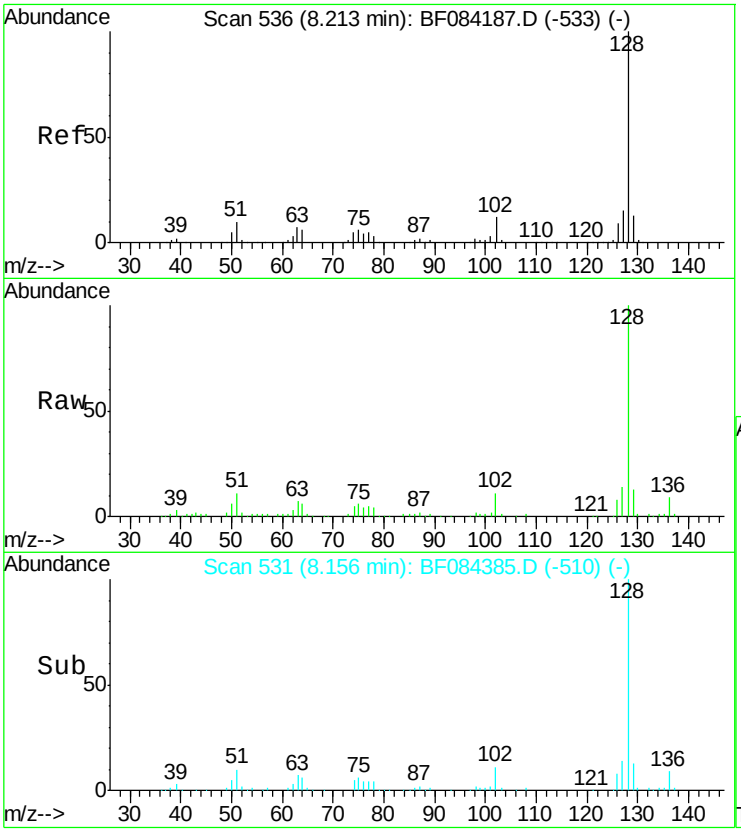


#23
Nitrobenzene-d5
Concen: 105.19 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion: 82 Resp: 1747832

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	55.7	38.4	57.6



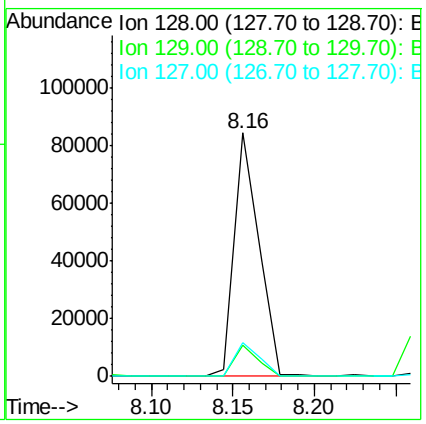


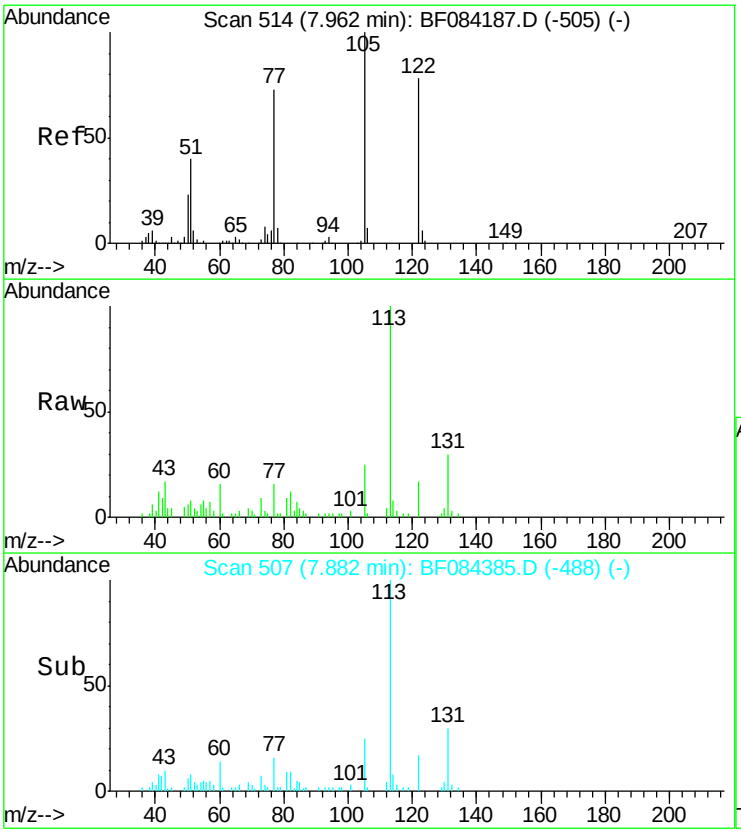
#31
Naphthalene
Concen: 2.08 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:128 Resp: 87095

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.1	13.7
127	13.9	11.1	16.7

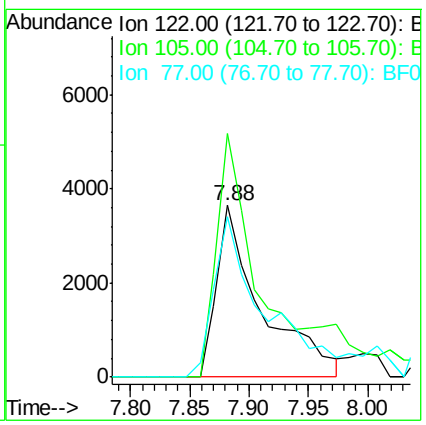


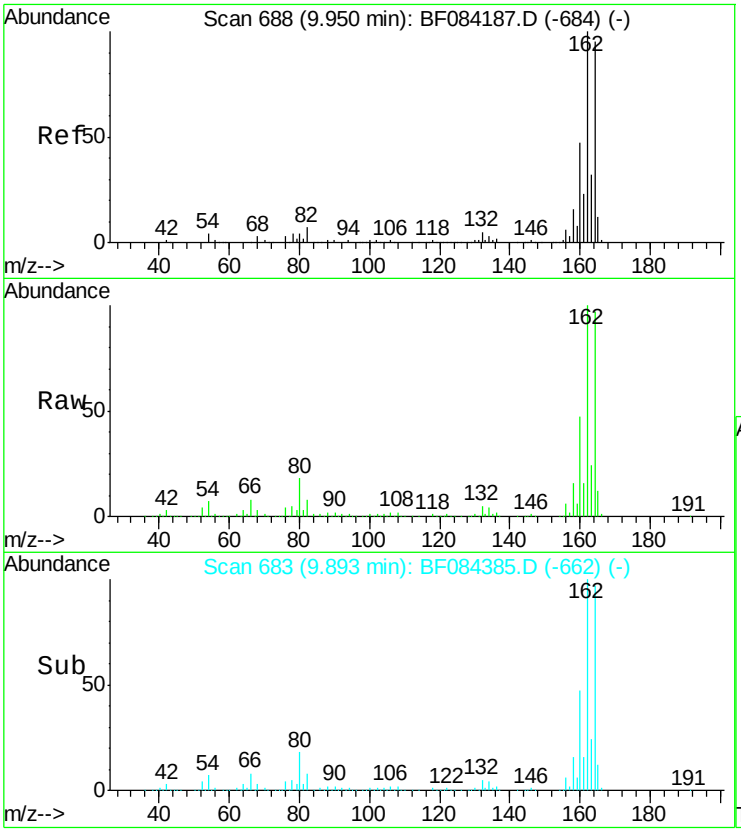


#32
Benzoic acid
Concen: 7.08 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.08 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:122 Resp: 9562

Ion	Ratio	Lower	Upper
122	100		
105	142.1	100.3	140.3#
77	93.6	63.5	103.5



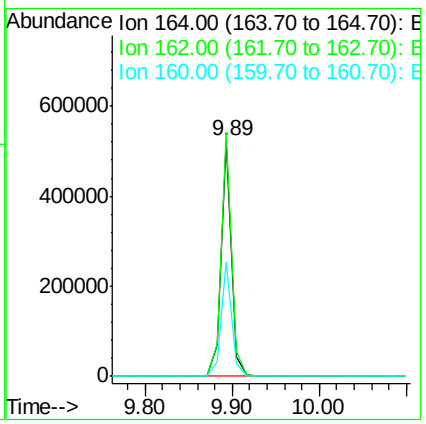


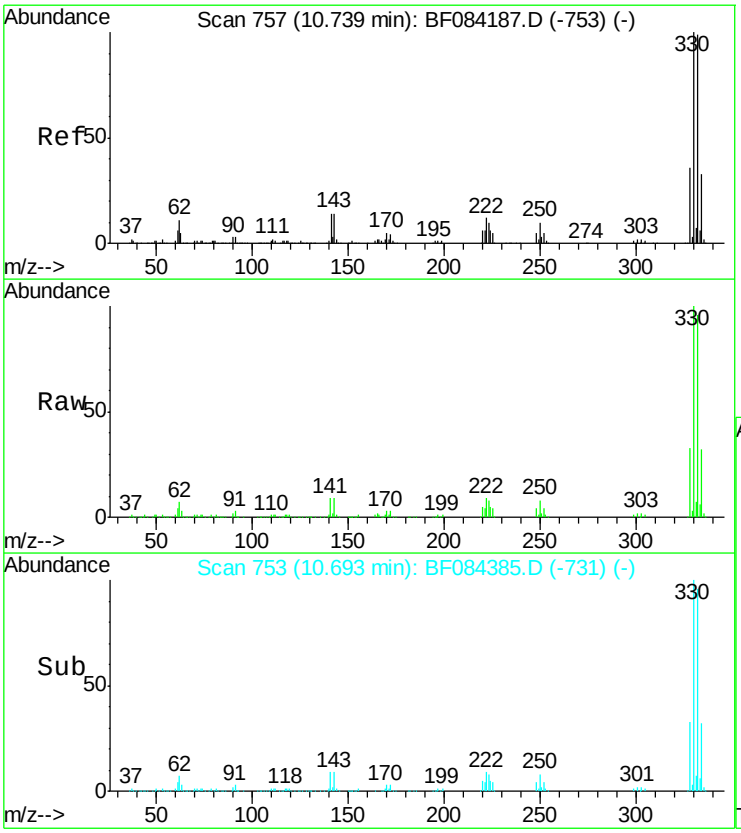
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:164 Resp: 439836

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	48.5	37.5	56.3

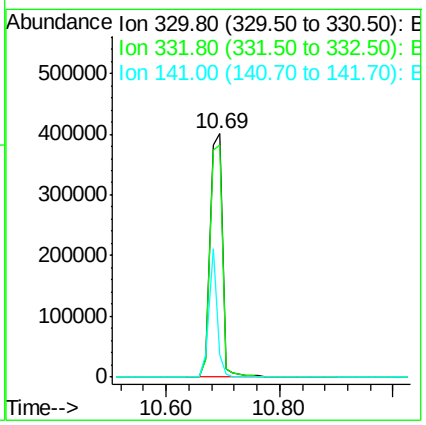


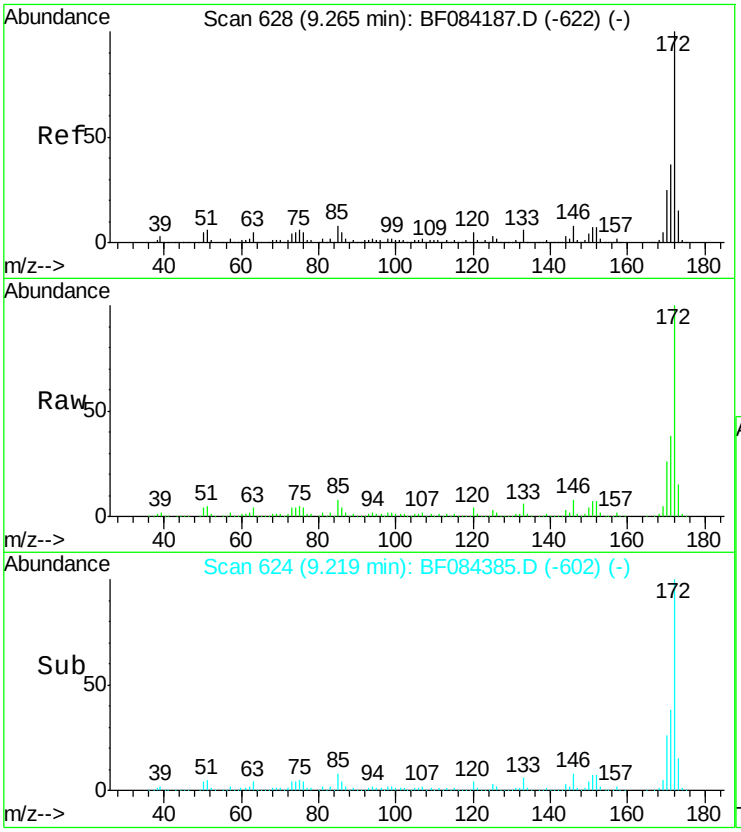


#41
2,4,6-Tribromophenol
Concen: 131.87 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:330 Resp: 585578

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	34.7	27.8	41.6



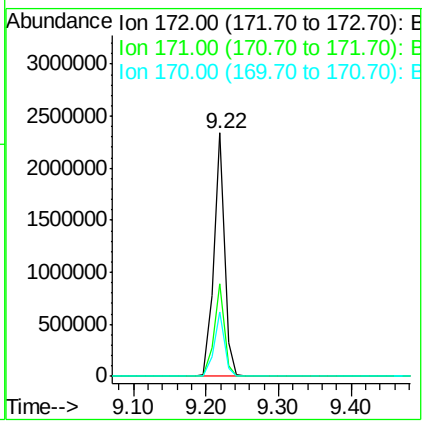


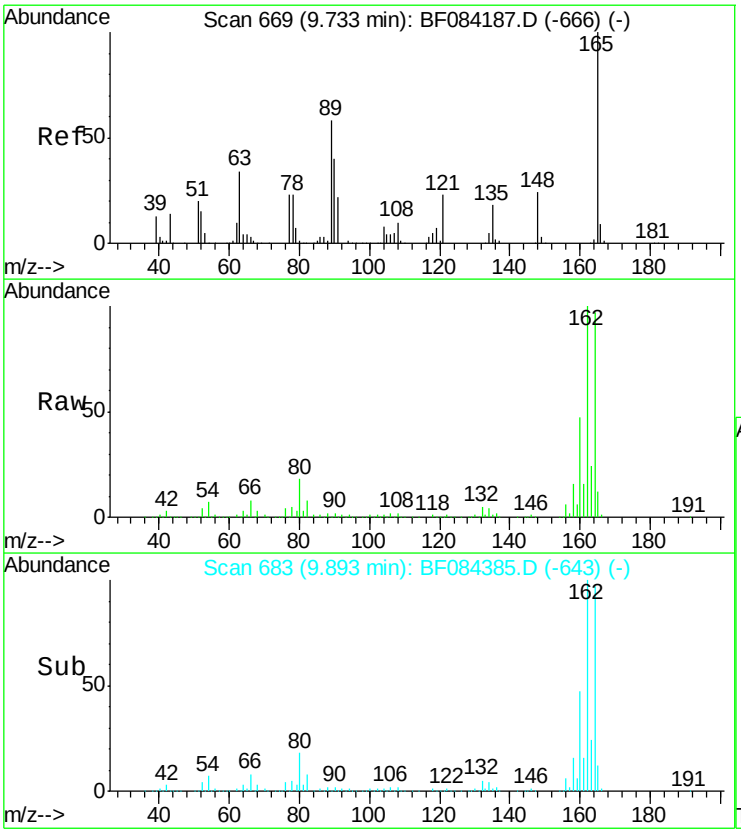
#44
2-Fluorobiphenyl
Concen: 97.56 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:172 Resp: 2415964

Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	26.4	18.6	27.8

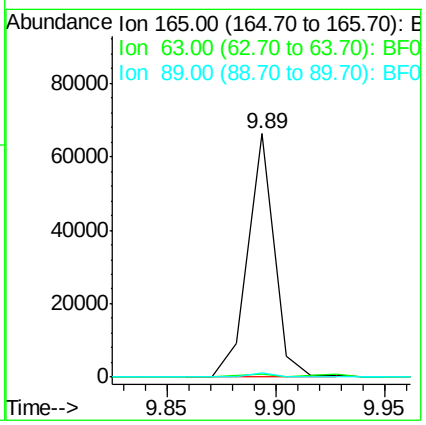


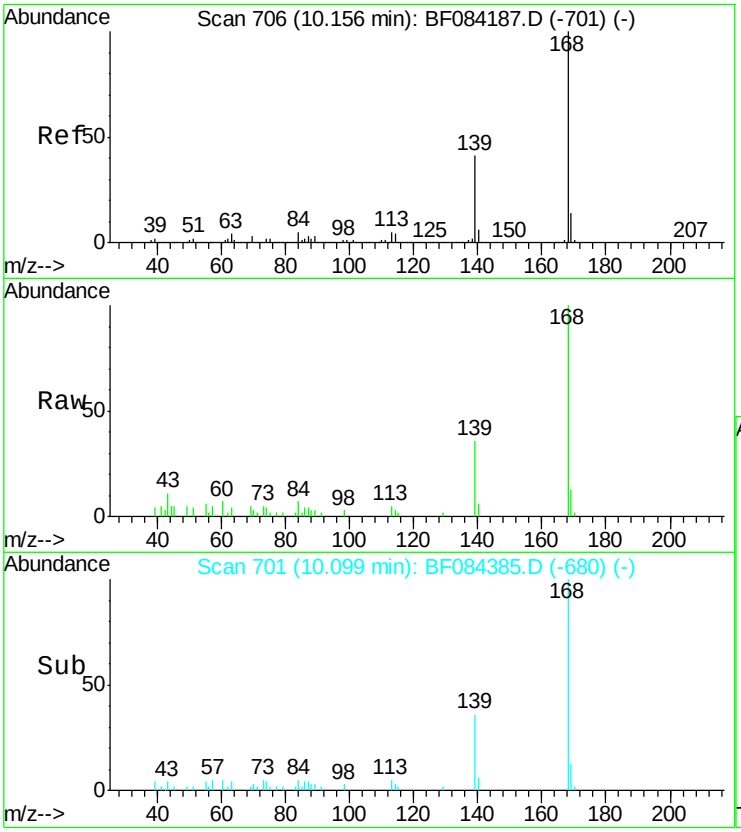


#50
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.16 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:165 Resp: 56189

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.6	35.1	52.7#



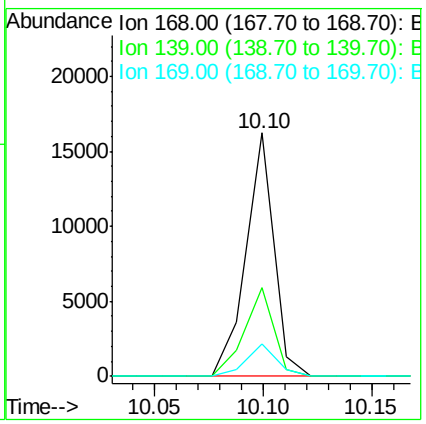


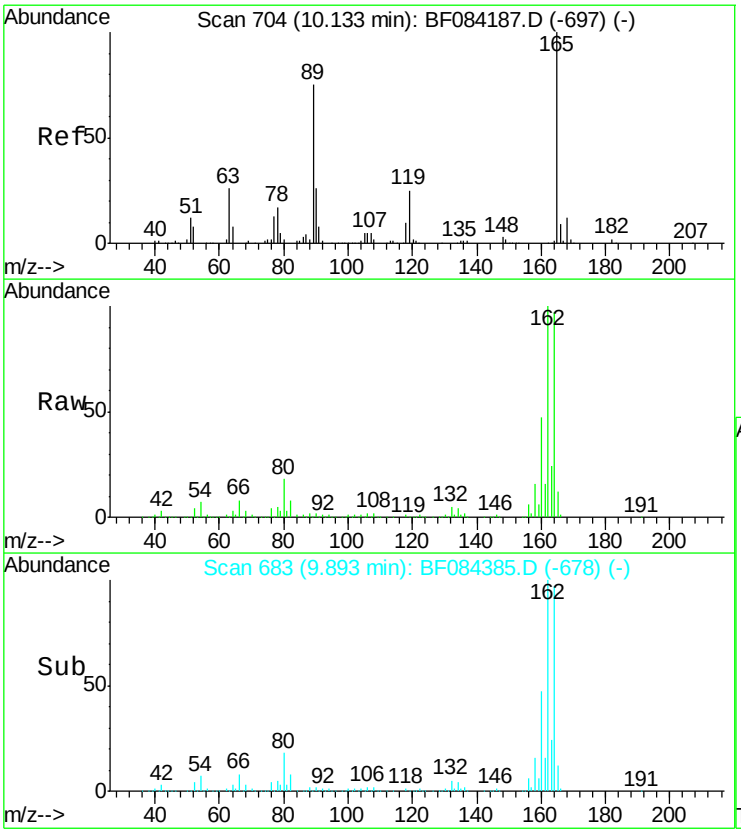
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:168 Resp: 14520

Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.5	45.7
169	13.2	10.4	15.6

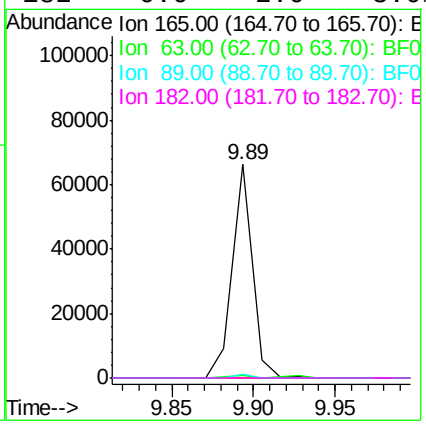


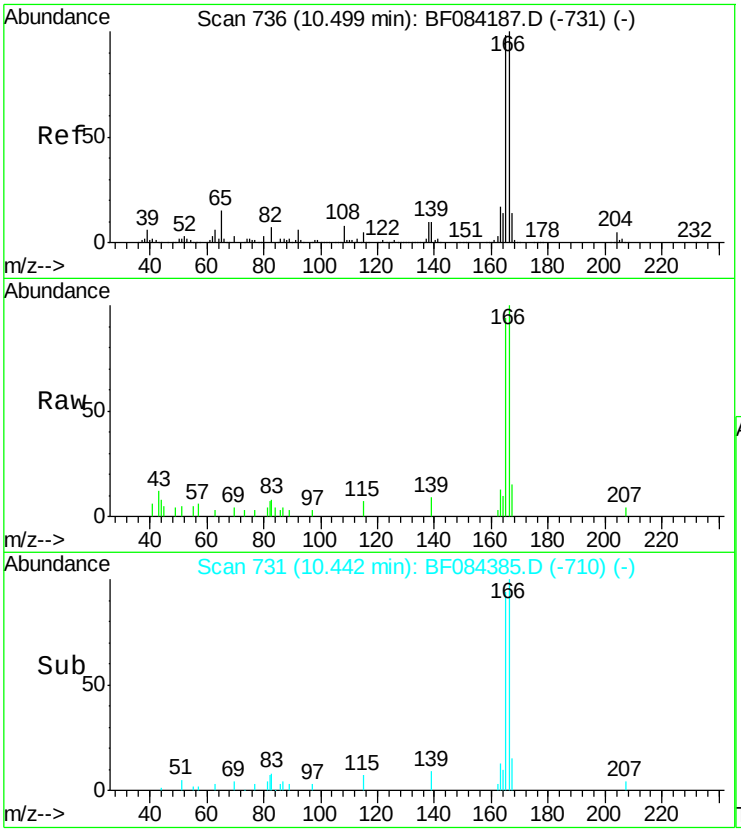


#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:165 Resp: 56182

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#



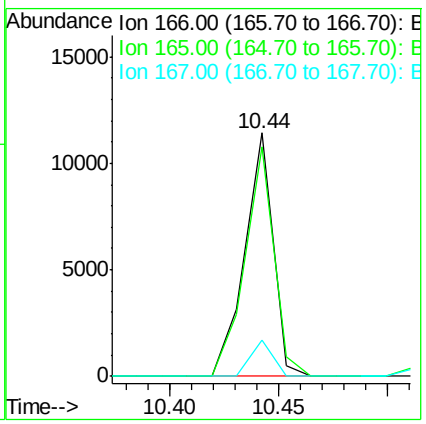


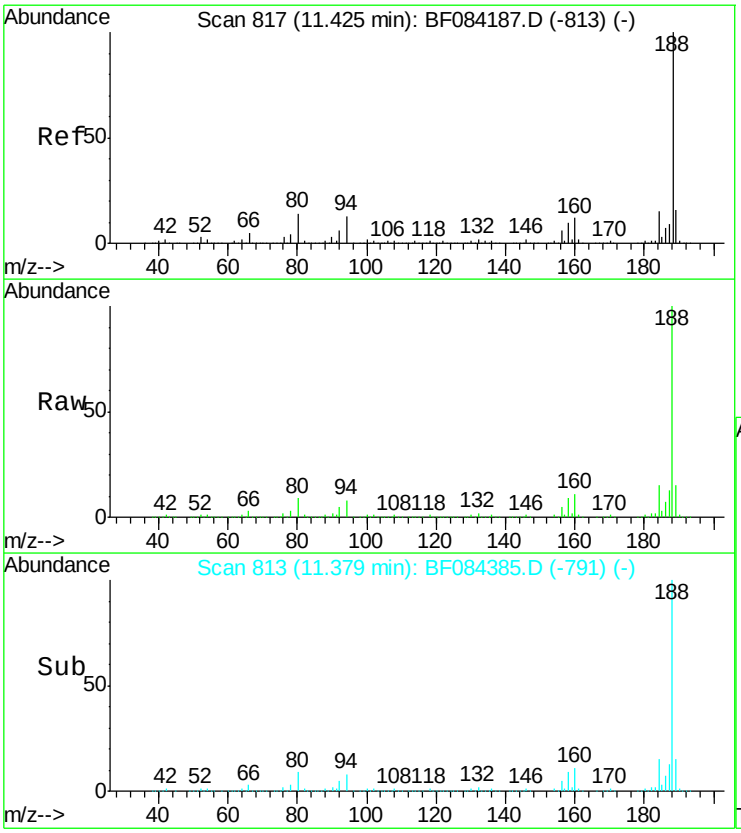
#57
Fluorene
Concen: Below Cal
RT: 10.44 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:166 Resp: 10316

Ion	Ratio	Lower	Upper
166	100		
165	94.2	79.1	118.7
167	14.7	10.4	15.6

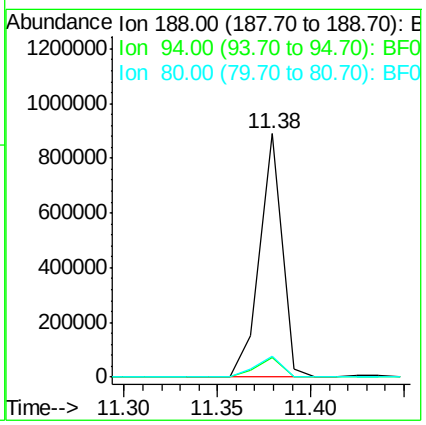


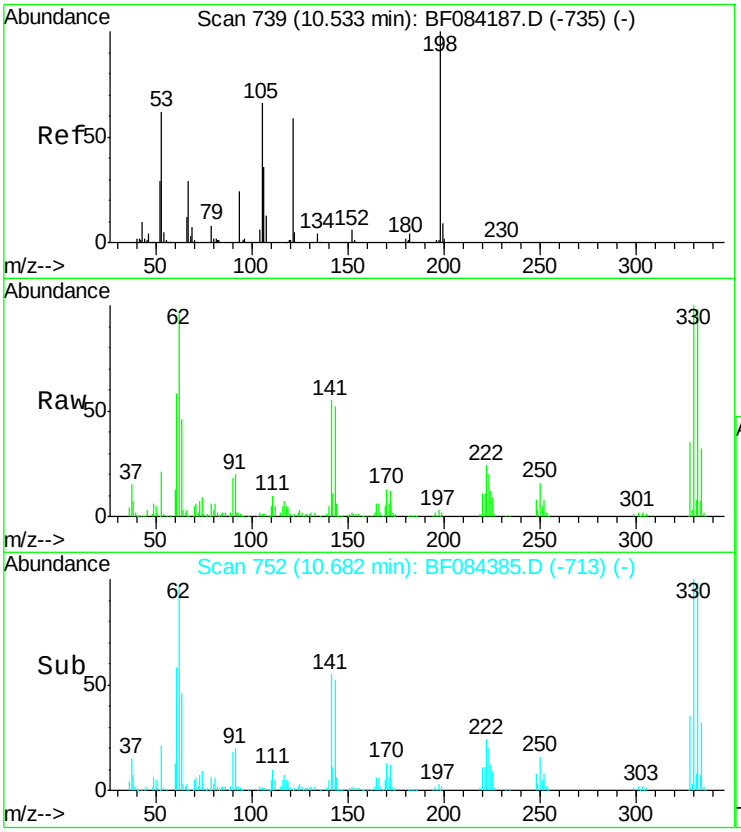


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:188 Resp: 738208

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.4#
80	8.8	9.6	14.4#



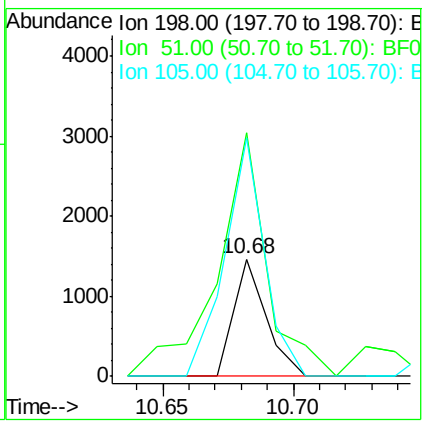


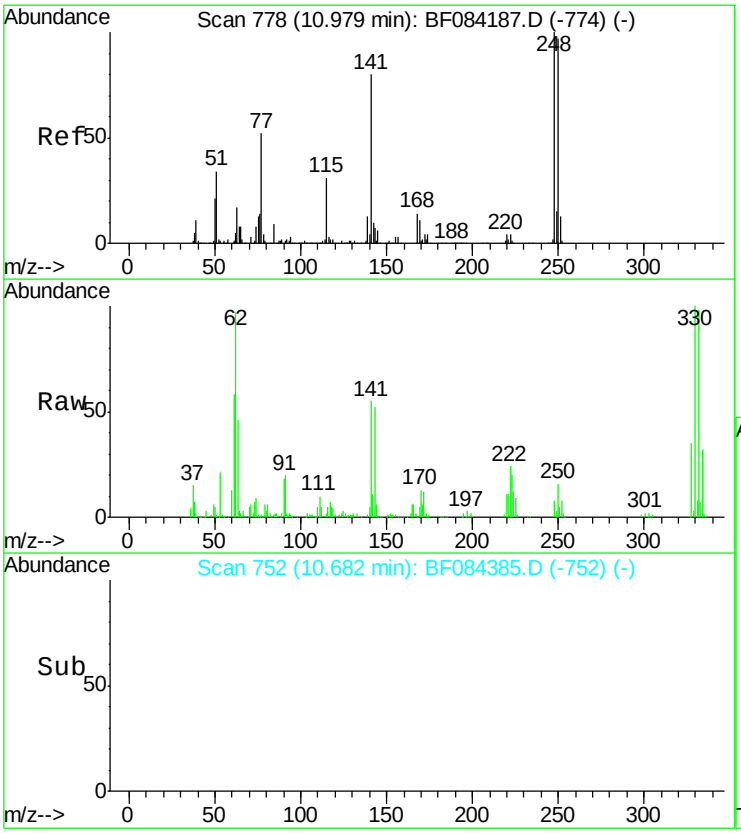
#64
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:198 Resp: 1274

Ion	Ratio	Lower	Upper
198	100		
51	207.4	18.9	58.9#
105	203.3	26.4	66.4#

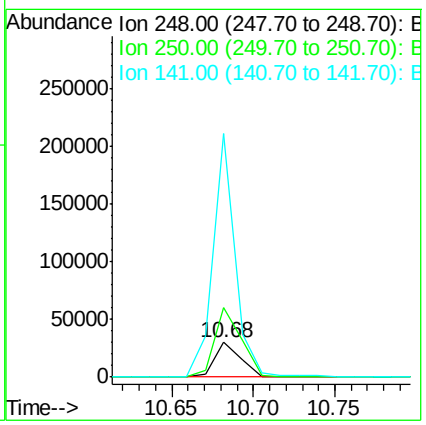


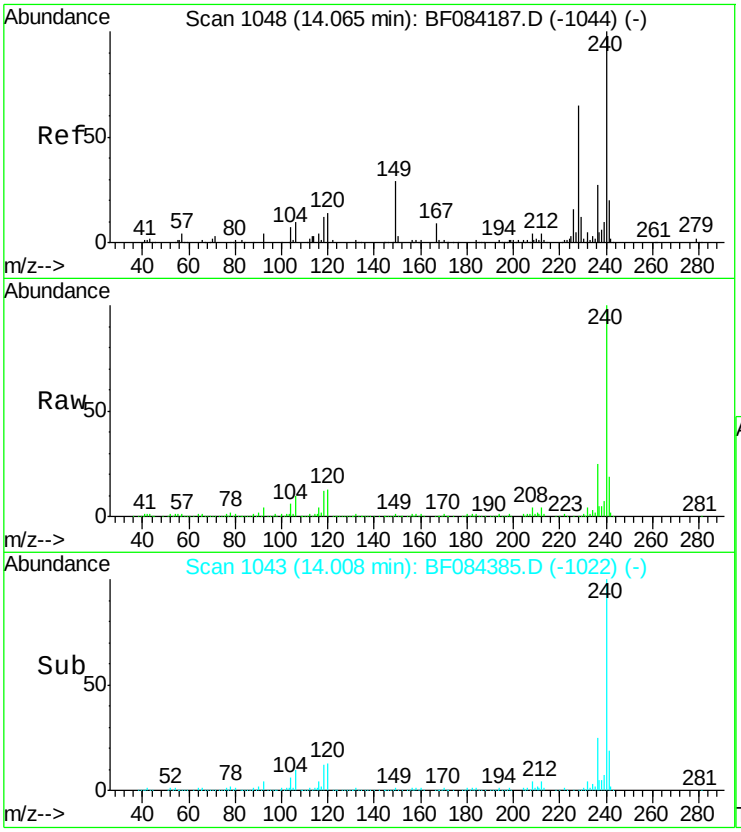


#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:248 Resp: 34164

Ion	Ratio	Lower	Upper
248	100		
250	200.6	78.4	117.6#
141	705.2	44.0	66.0#



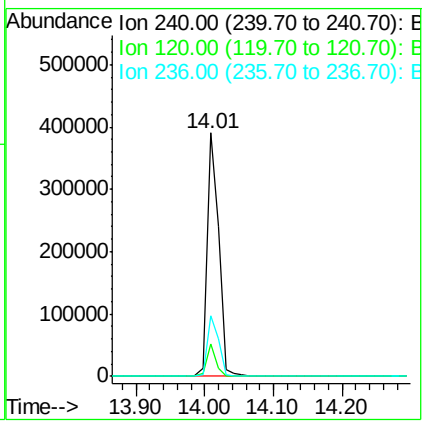


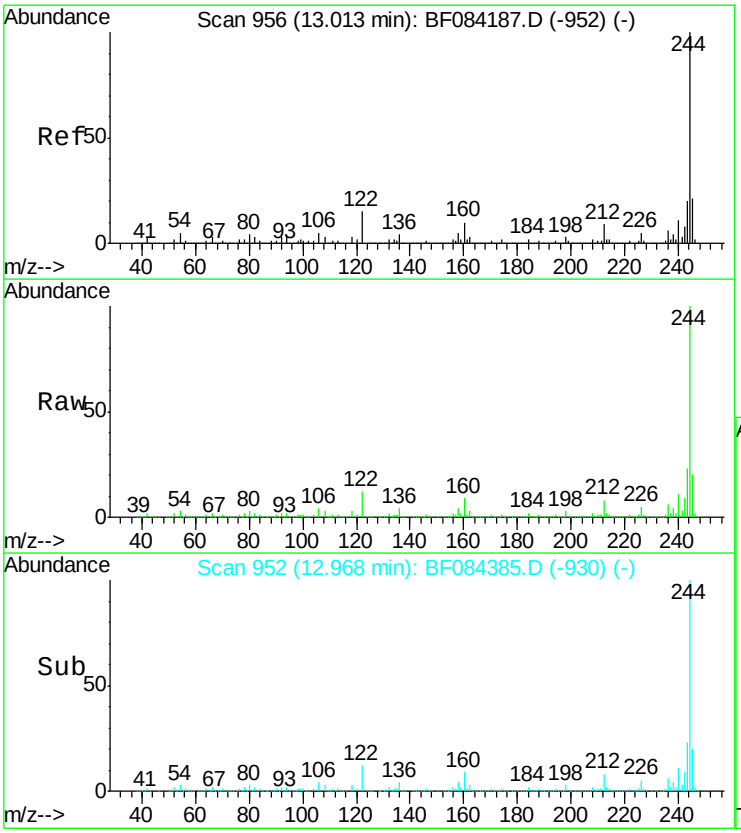
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:240 Resp: 457286

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	24.7	20.6	31.0

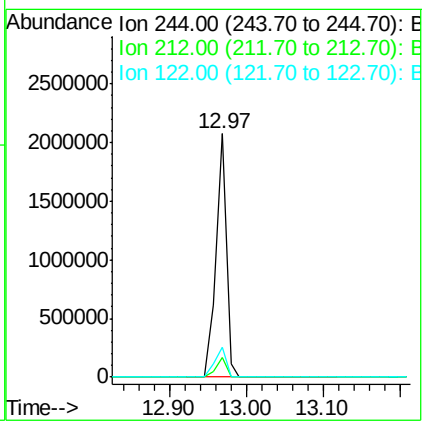


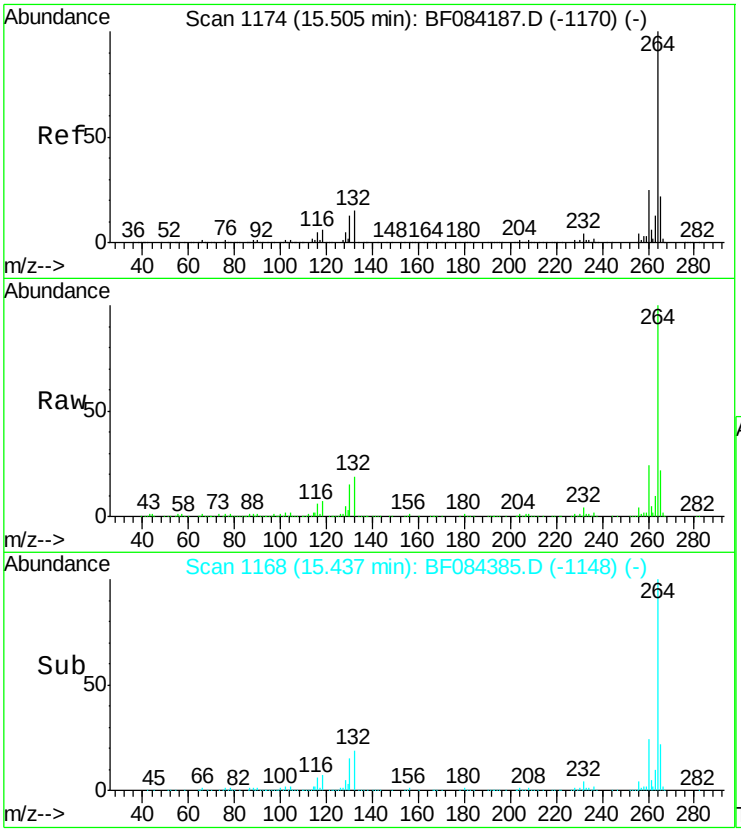


#78
Terphenyl-d14
Concen: 94.62 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.05 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:244 Resp: 1938407

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	12.4	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:264 Resp: 390286

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.2	17.8	26.6