Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085141.D
Acq On : 3 Mar 2016 1:24
Operator : SJ/IZ
Sample : H1623-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-33-022516

Quant Time: Mar 03 04:48:51 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	172558	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	713242	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	308682	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	532332	20.00	ng	0.00
75) Chrysene-d12	14.15	240	356759	20.00	ng	0.00
86) Perylene-d12	15.63	264	377327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1407010	132.37	ng	0.03
7) Phenol-d6	6.62	99	1654365	118.73	ng	0.00
23) Nitrobenzene-d5	7.56	82	1273923	95.03	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	531258	171.26	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1754341	83.70	ng	0.00
78) Terphenyl-d14	13.10	244	1472356	96.81	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	8645	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.56	70	174122	18.96	ng	# 77
31) Naphthalene	8.30	128	846358	23.46	ng	98
32) Benzoic acid	7.96	122	1560	12.57	ng	88
33) 4-Chloroaniline	8.30	127	112496	7.89	ng	# 32
37) 2-Methylnaphthalene	8.98	142	91476	4.15	ng	97
50) 2,6-Dinitrotoluene	10.02	165	38837	8.18	ng	# 22
56) 2,4-Dinitrotoluene	10.02	165	38839	6.07	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	1062	7.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	31077	5.56	ng	# 1

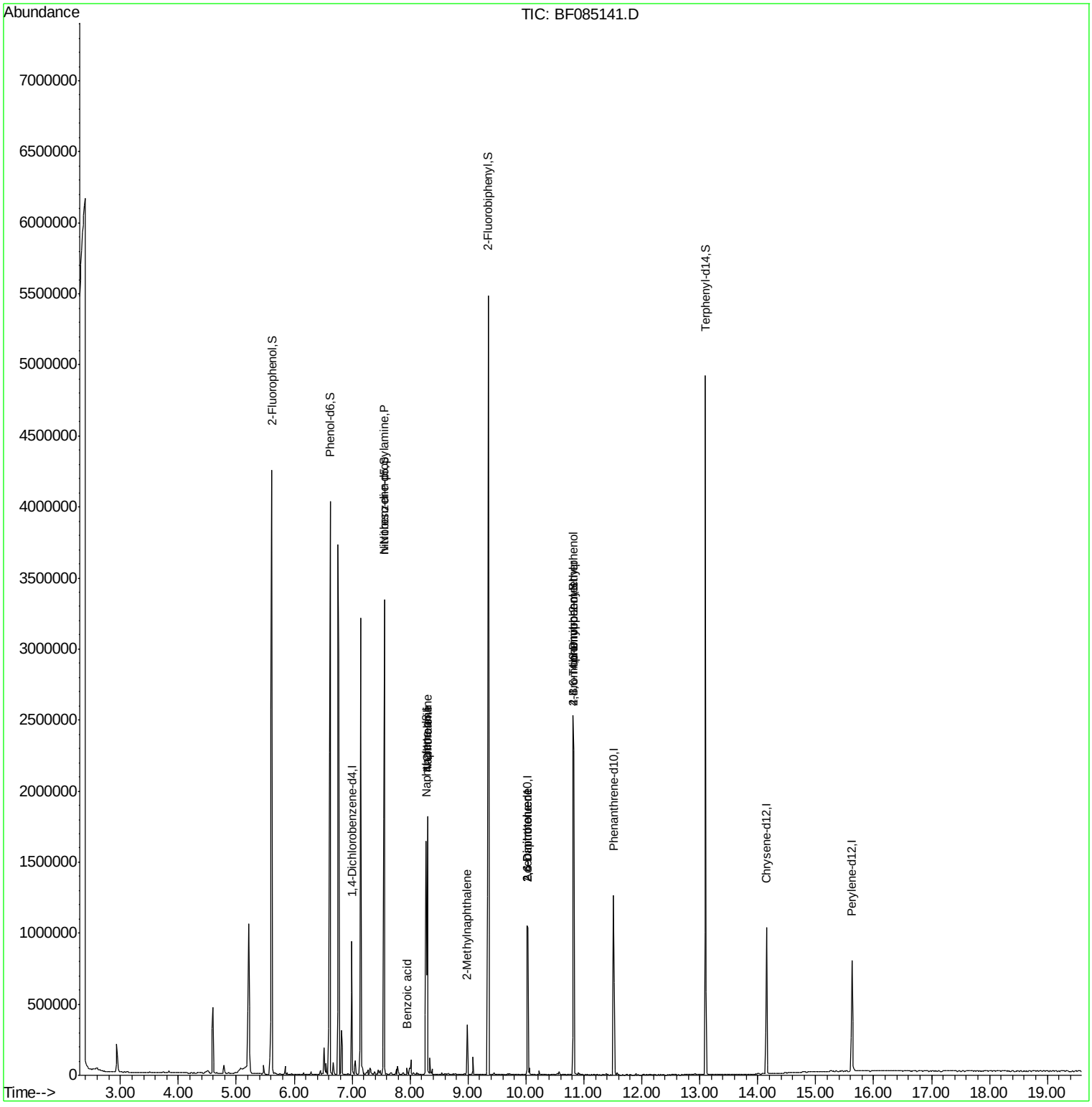
(#) = qualifier out of range (m) = manual integration (+) = signals summed

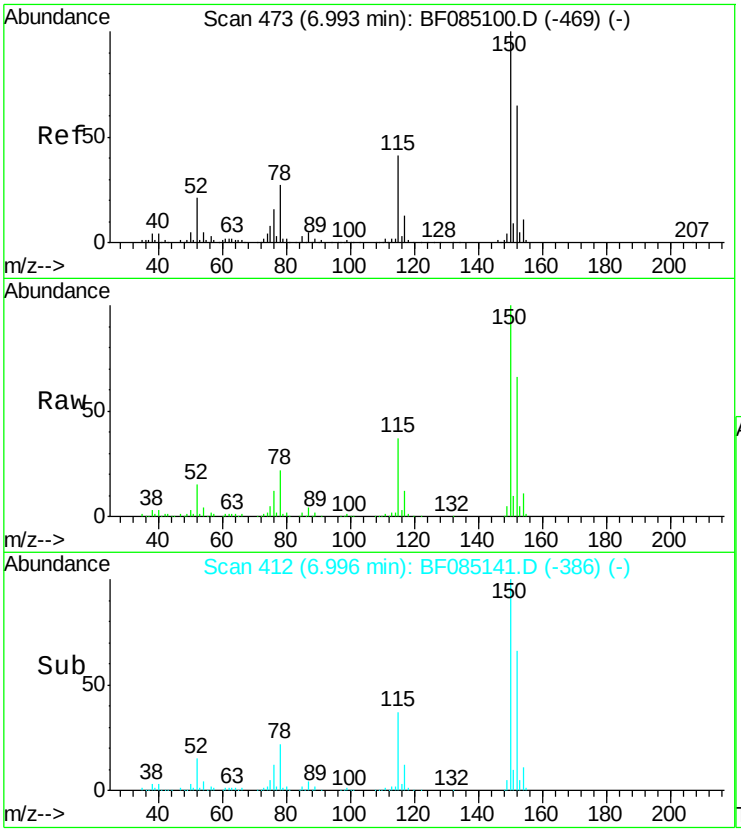
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085141.D
Acq On : 3 Mar 2016 1:24
Operator : SJ/IZ
Sample : H1623-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Quant Time: Mar 03 04:48:51 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



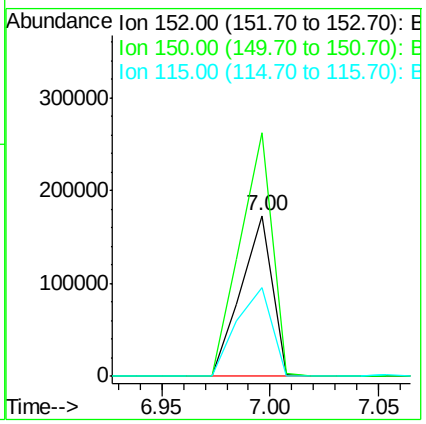


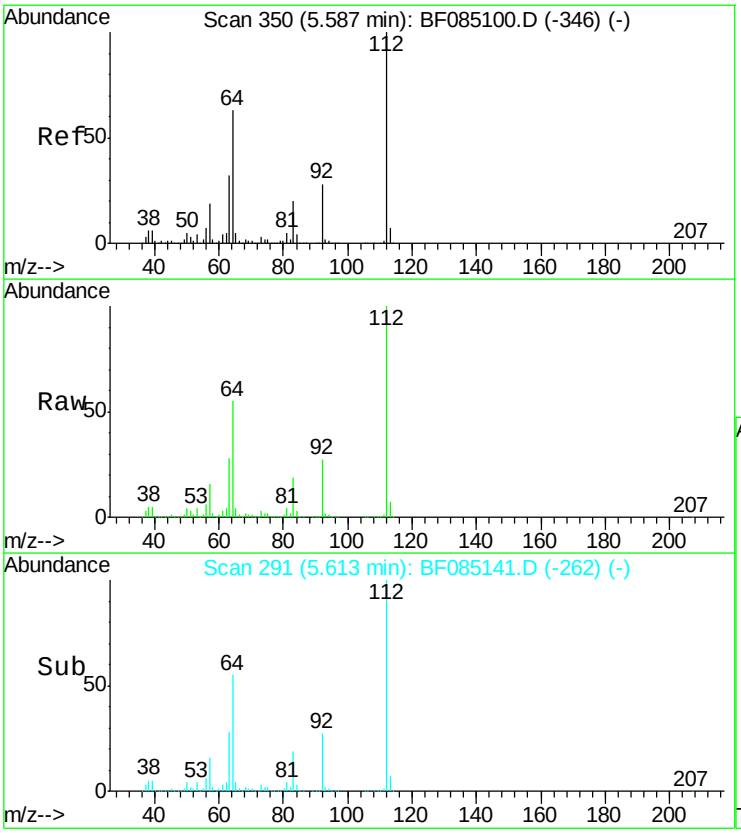
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:152 Resp: 172558

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.4	185.0
115	55.6	50.0	75.0

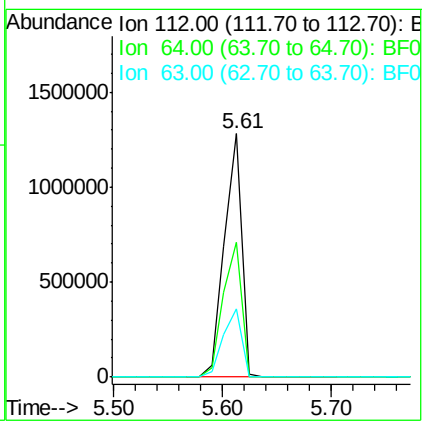


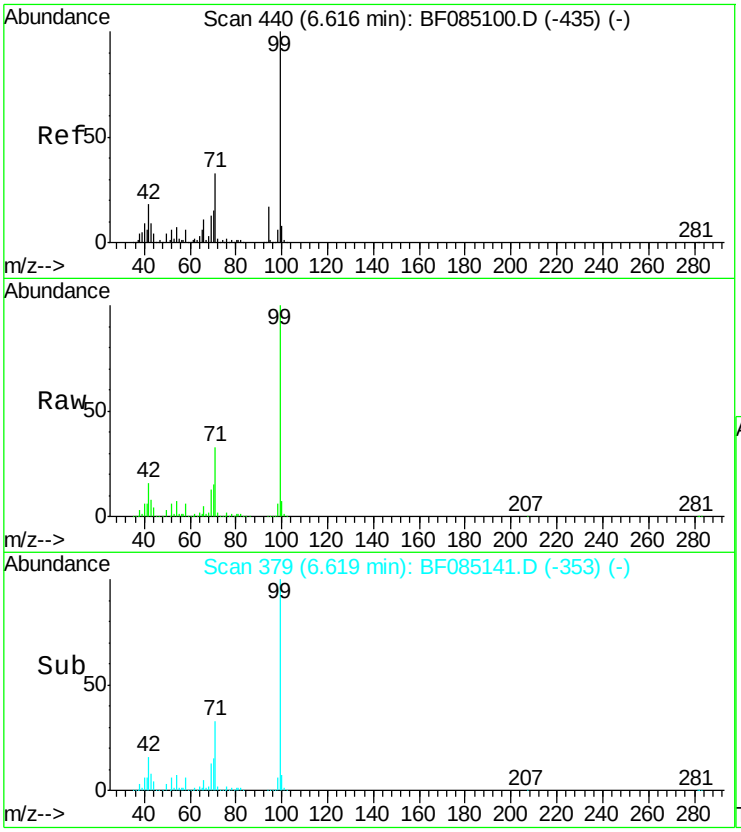


#5
2-Fluorophenol
Concen: 132.37 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:112 Resp: 1407010

Ion	Ratio	Lower	Upper
112	100		
64	55.4	50.6	76.0
63	28.1	25.5	38.3



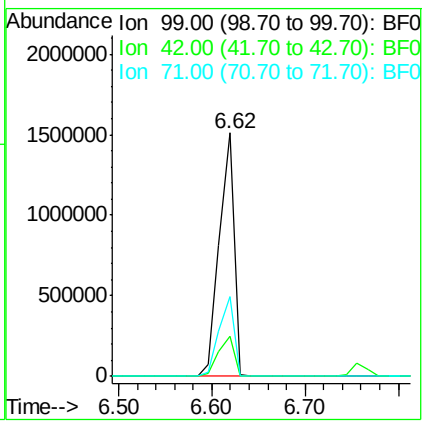


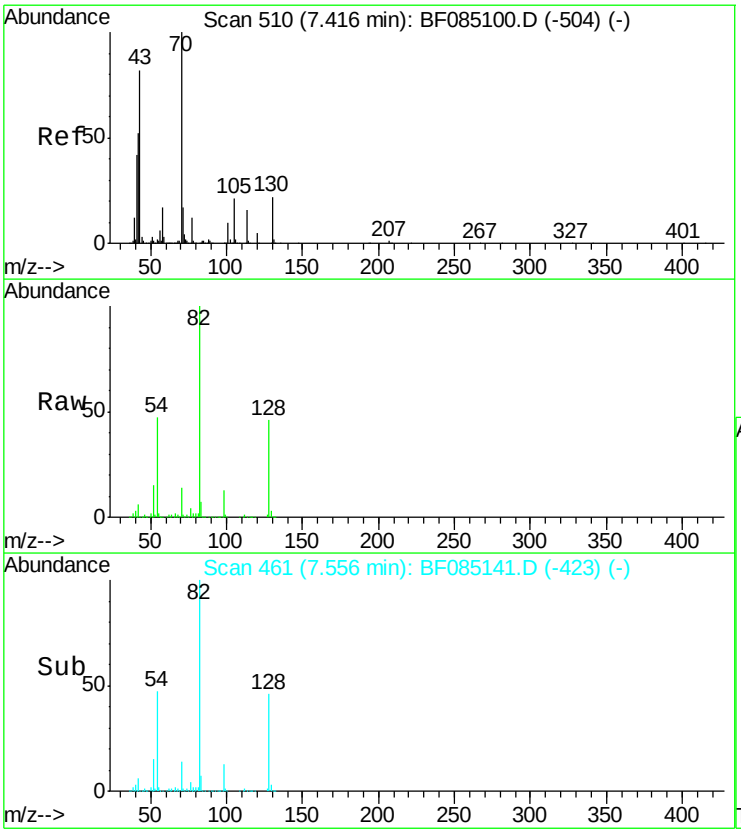
#7
Phenol-d6
Concen: 118.73 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion: 99 Resp: 1654365

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	32.7	26.8	40.2

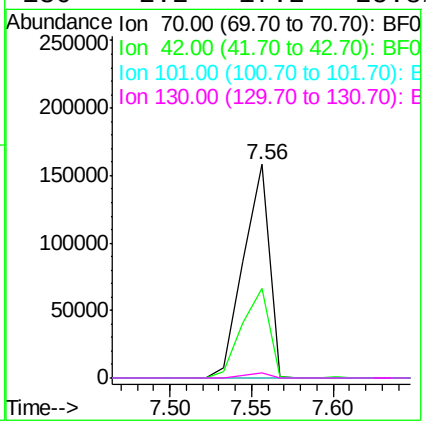


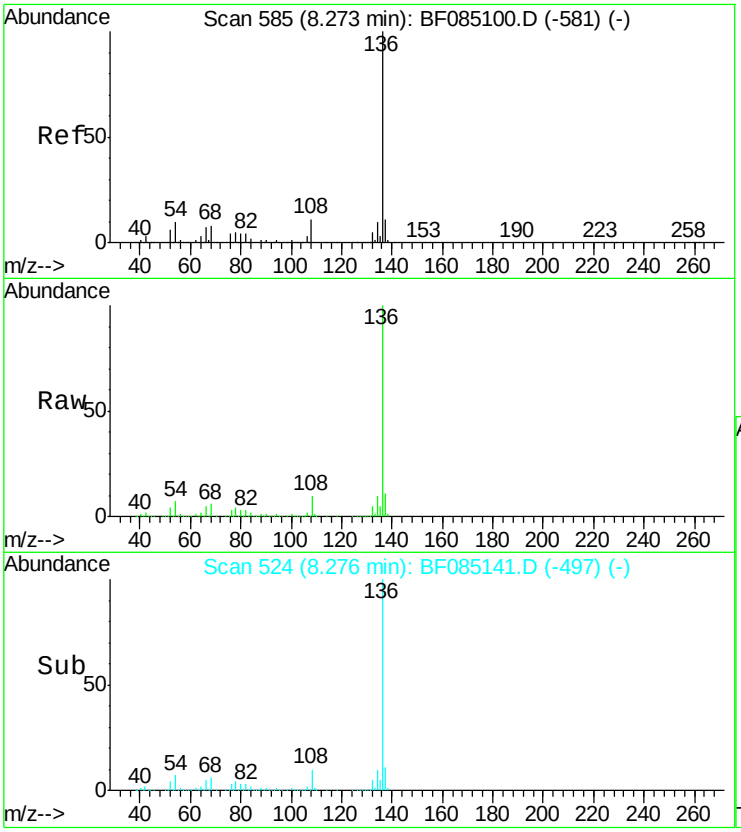


#19
n-Nitroso-di-n-propylamine
Concen: 18.96 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion: 70 Resp: 174122

Ion	Ratio	Lower	Upper
70	100		
42	42.0	41.9	62.9
101	0.0	7.8	11.8#
130	2.2	17.2	25.8#



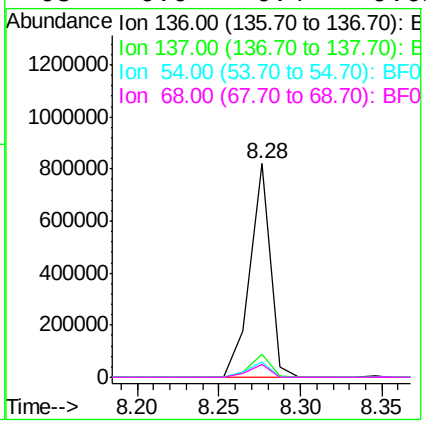


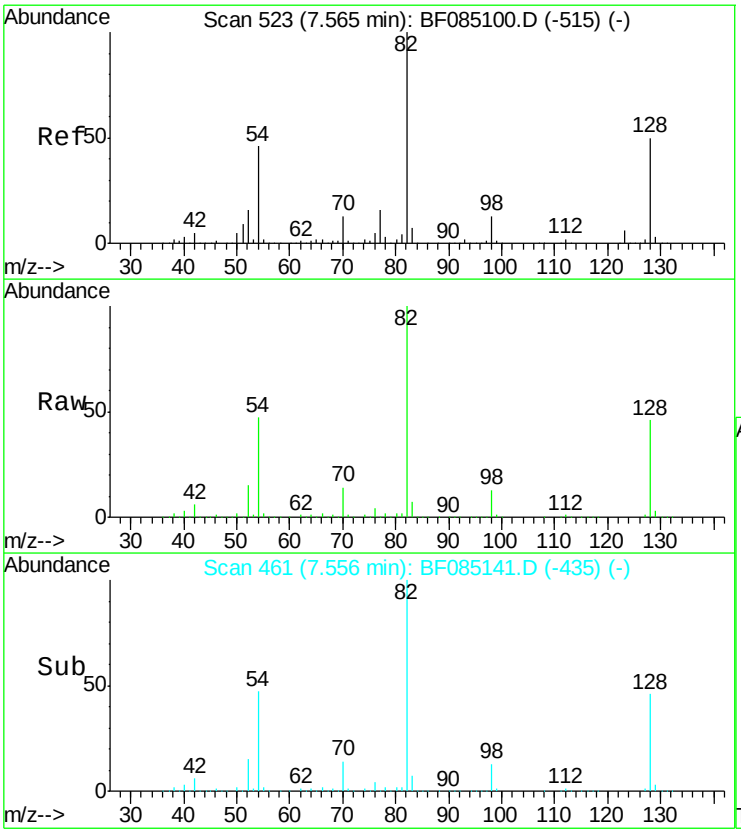
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:136 Resp: 713242

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	8.5	12.7#
68	6.0	6.4	9.6#

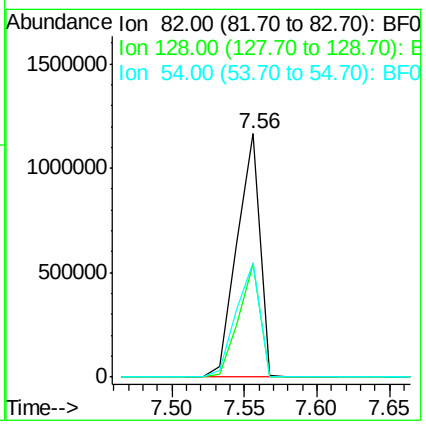


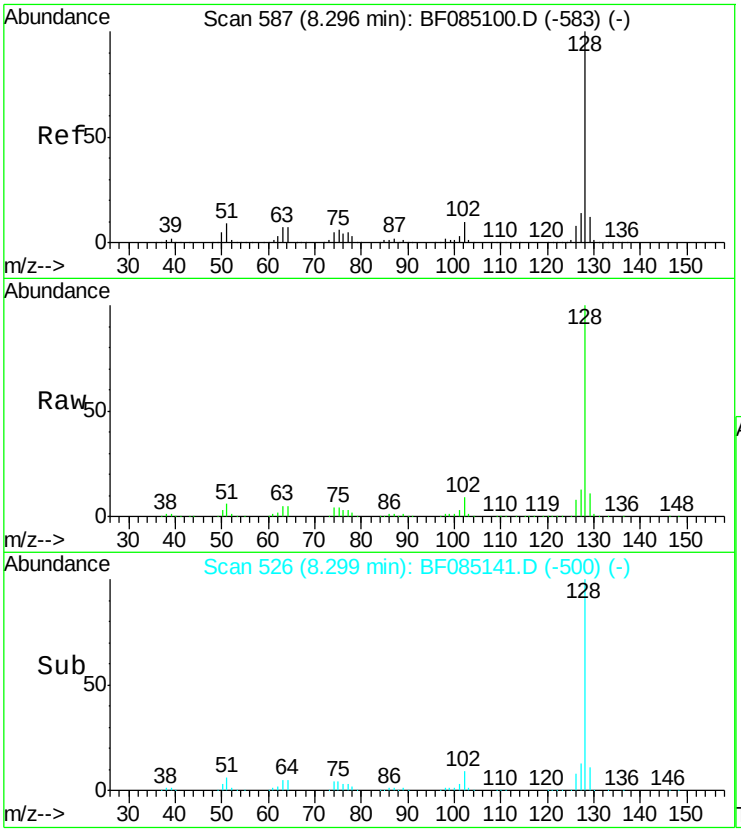


#23
Nitrobenzene-d5
Concen: 95.03 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion: 82 Resp: 1273923

Ion	Ratio	Lower	Upper
82	100		
128	46.4	39.8	59.6
54	46.8	36.6	54.8



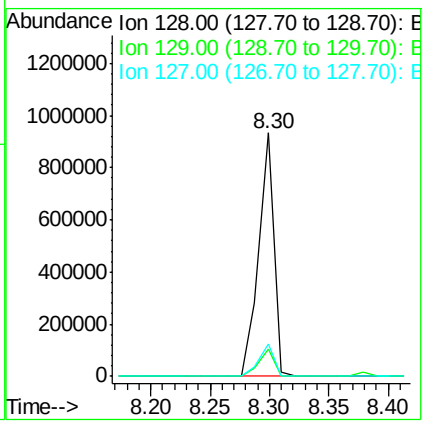


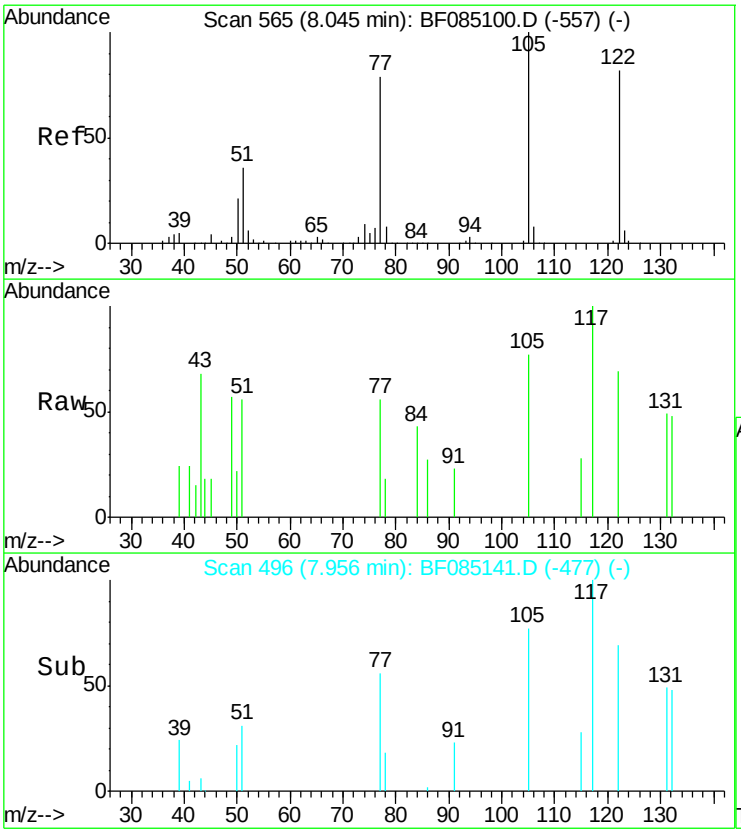
#31
Naphthalene
Concen: 23.46 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:128 Resp: 846358

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.7	14.5
127	13.4	11.1	16.7

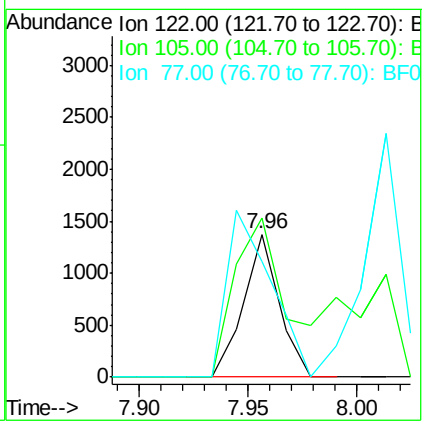


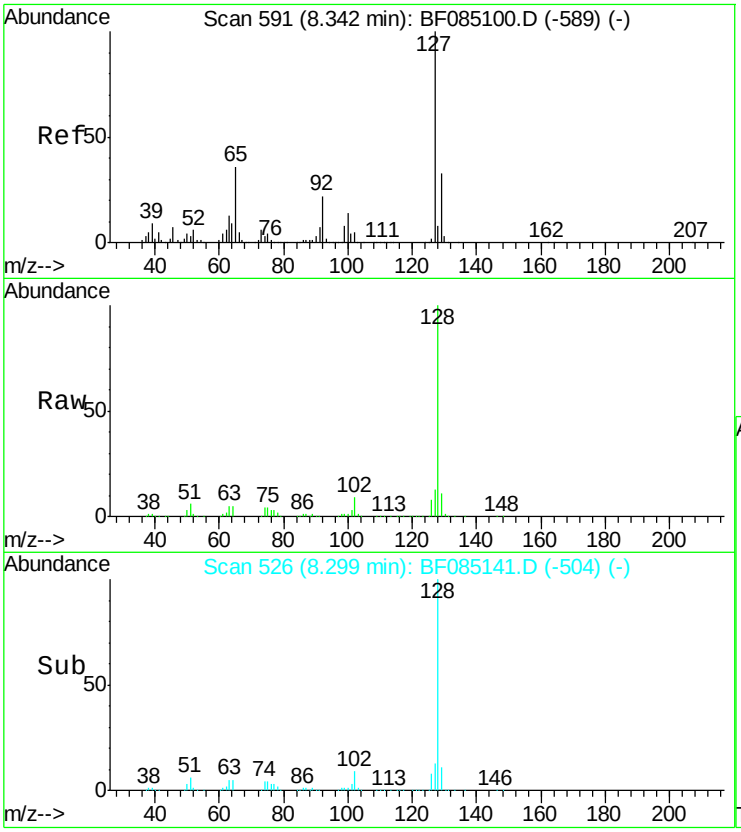


#32
Benzoic acid
Concen: 12.57 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:122 Resp: 1560

Ion	Ratio	Lower	Upper
122	100		
105	111.4	102.0	142.0
77	80.8	76.8	116.8



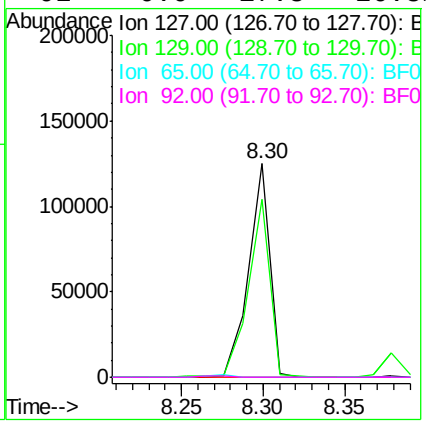


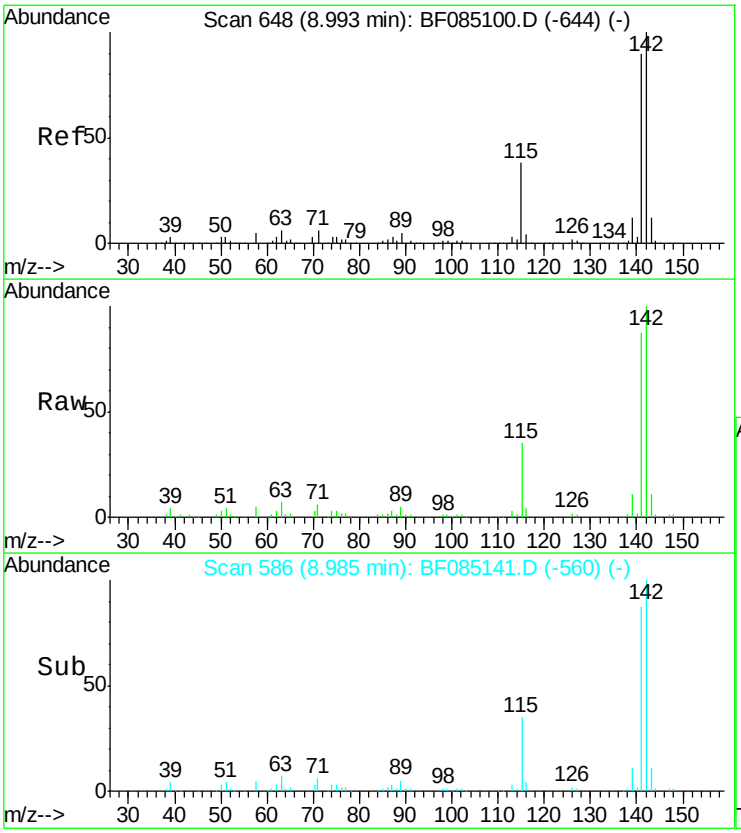
#33
4-Chloroaniline
Concen: 7.89 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:127 Resp: 112496

Ion	Ratio	Lower	Upper
127	100		
129	83.0	26.3	39.5#
65	0.0	28.6	43.0#
92	0.0	17.8	26.8#

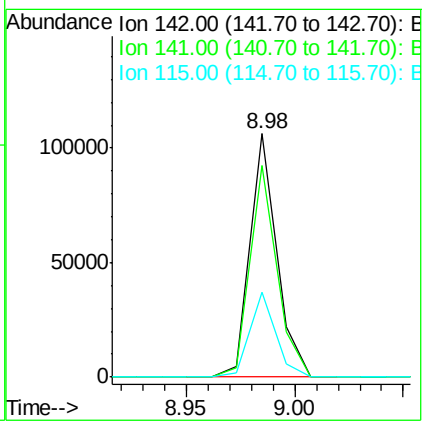


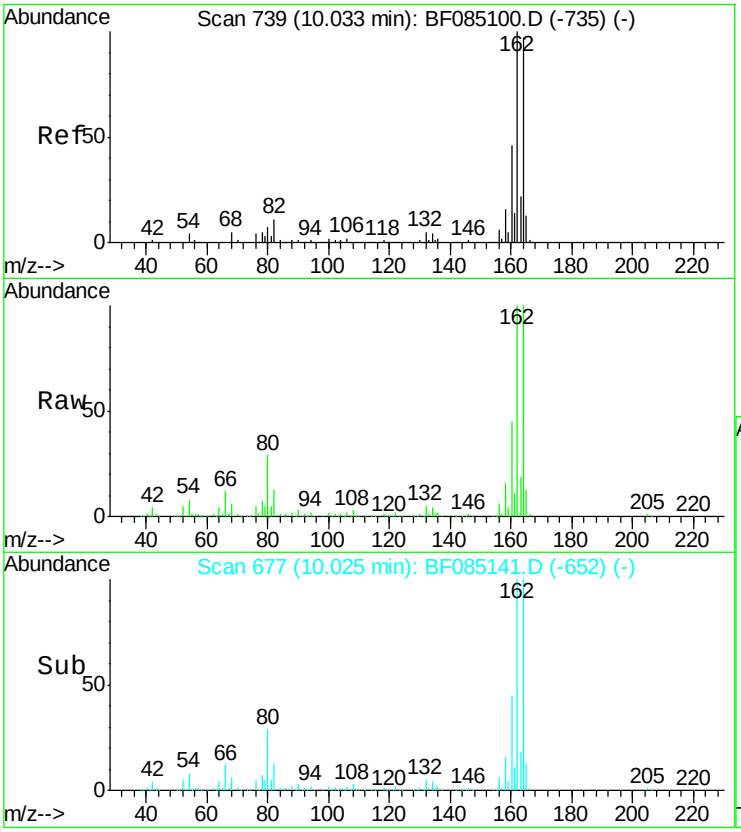


#37
2-Methylnaphthalene
Concen: 4.15 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:142 Resp: 91476

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.7	107.5
115	35.0	30.1	45.1



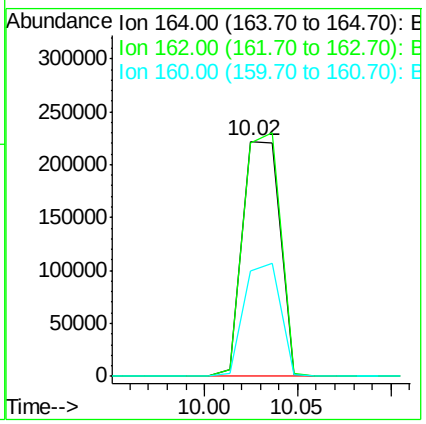


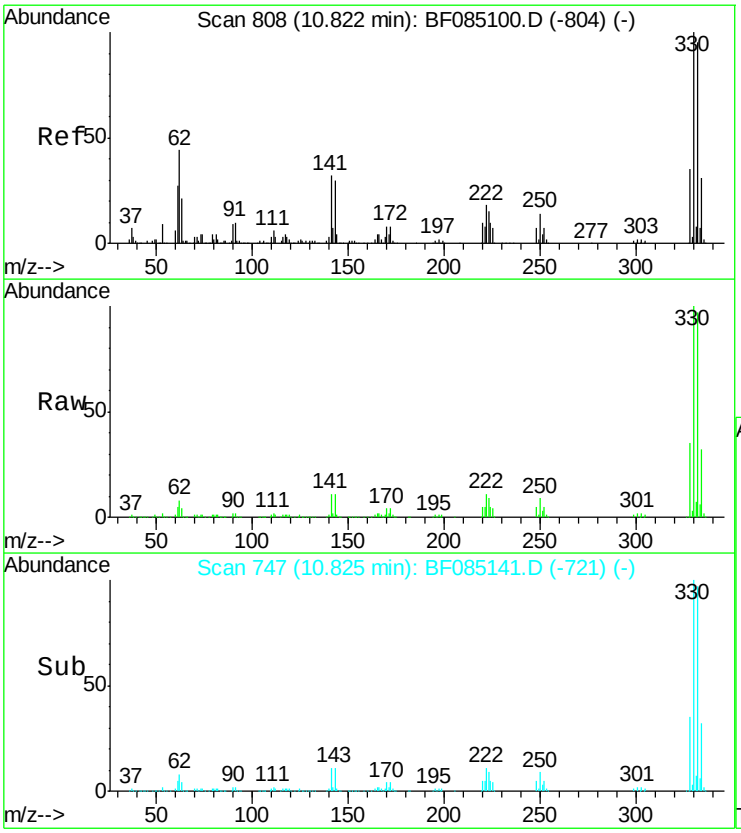
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:164 Resp: 308682

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	123.8
160	44.9	38.2	57.2

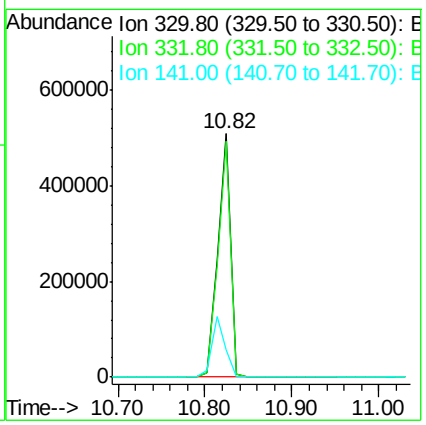


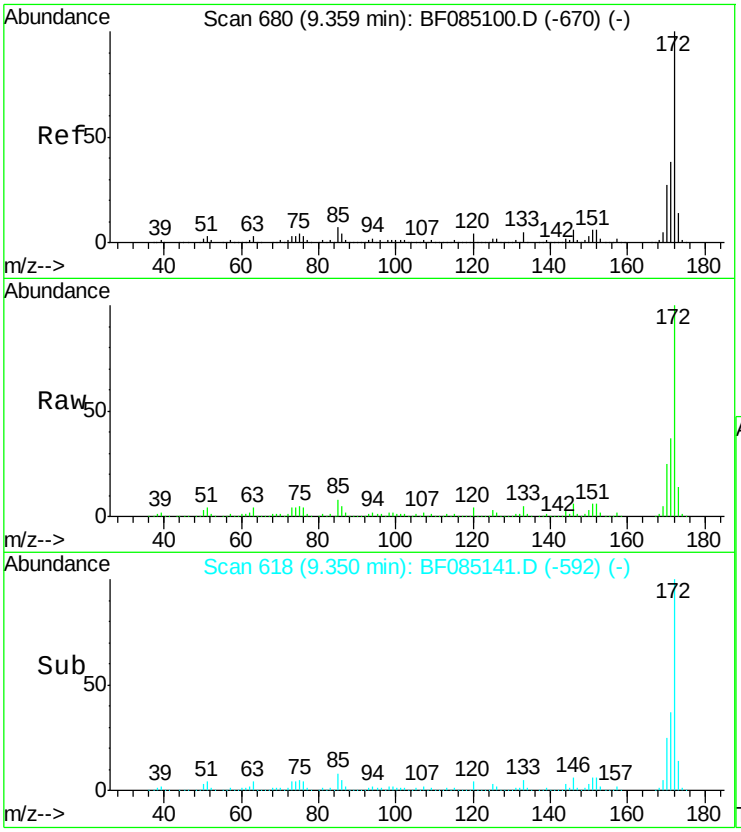


#41
2,4,6-Tribromophenol
Concen: 171.26 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:330 Resp: 531258

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	25.8	28.9	43.3#



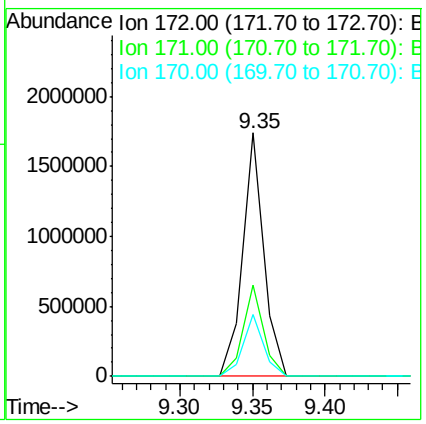


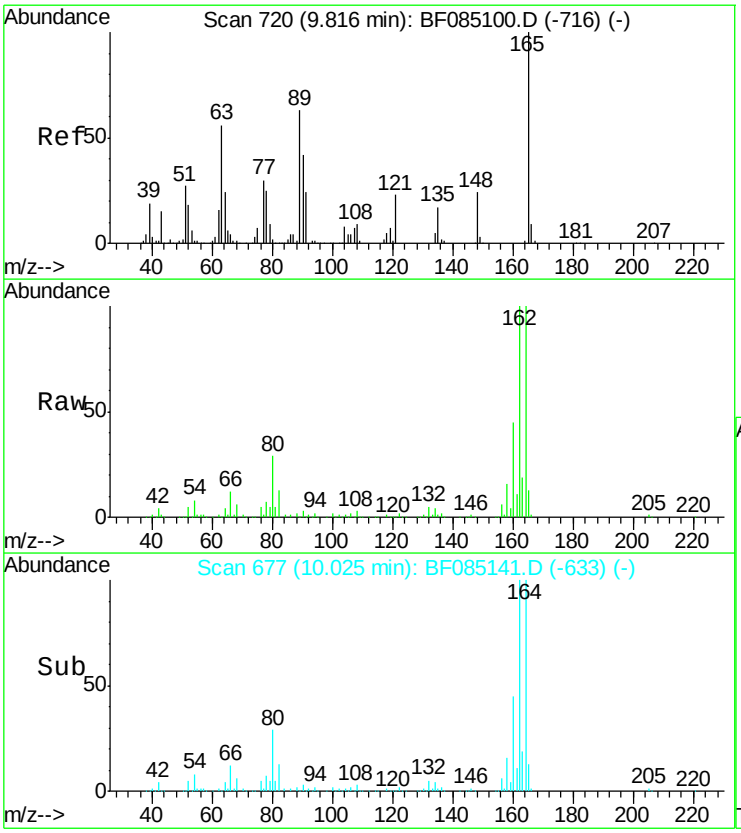
#44
2-Fluorobiphenyl
Concen: 83.70 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:172 Resp: 1754341

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	25.2	21.2	31.8

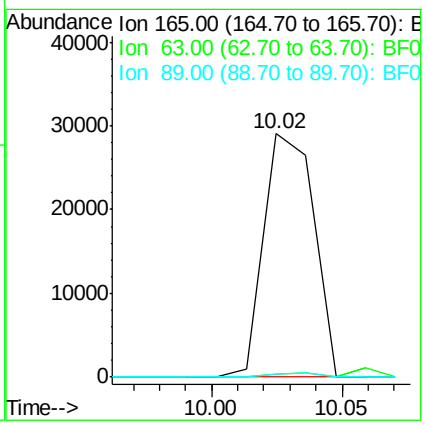


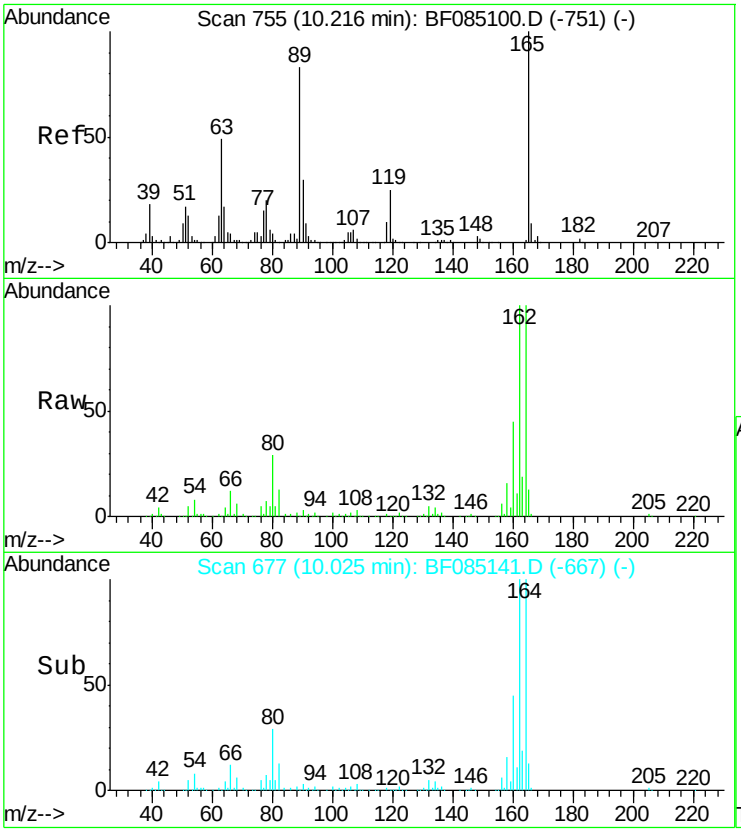


#50
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:165 Resp: 38837

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.4	71.2#
89	1.4	50.2	75.2#



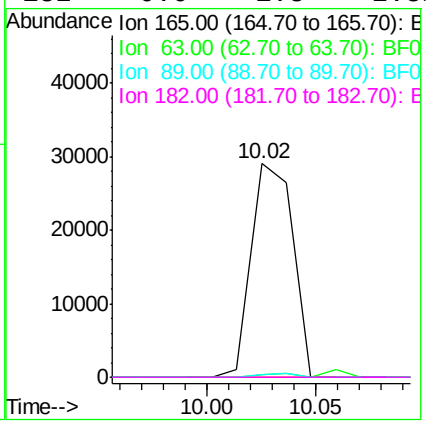


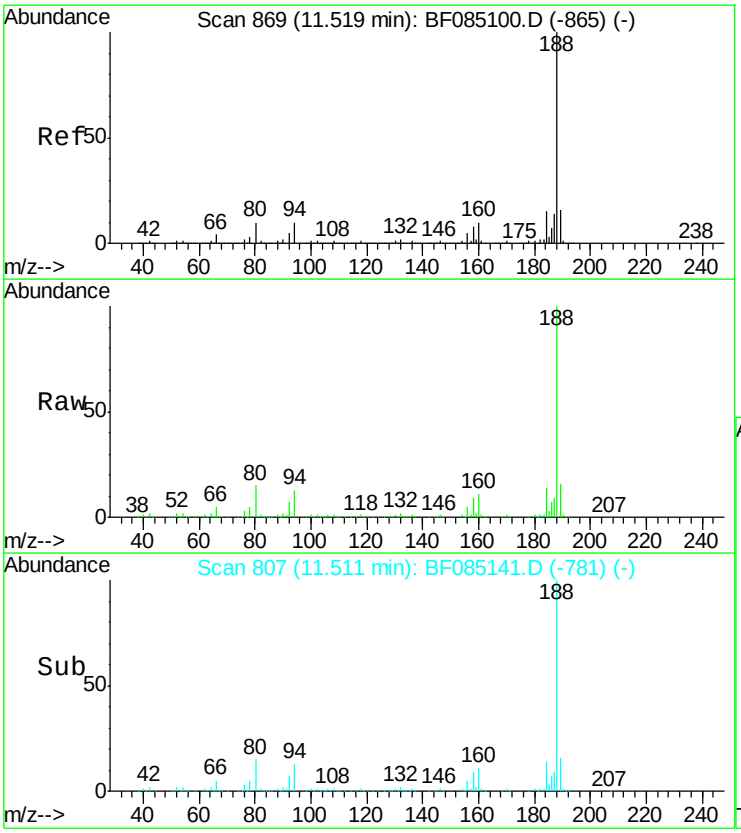
#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:165 Resp: 38839

Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.2	58.8#
89	1.4	66.2	99.4#
182	0.0	1.8	2.8#

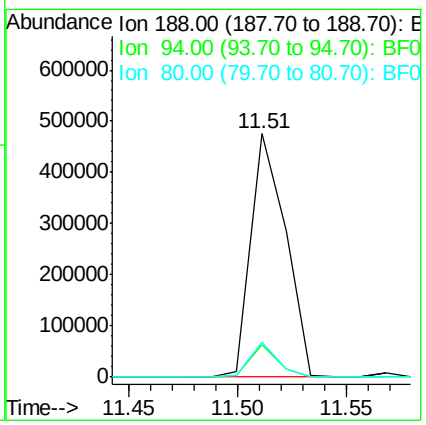


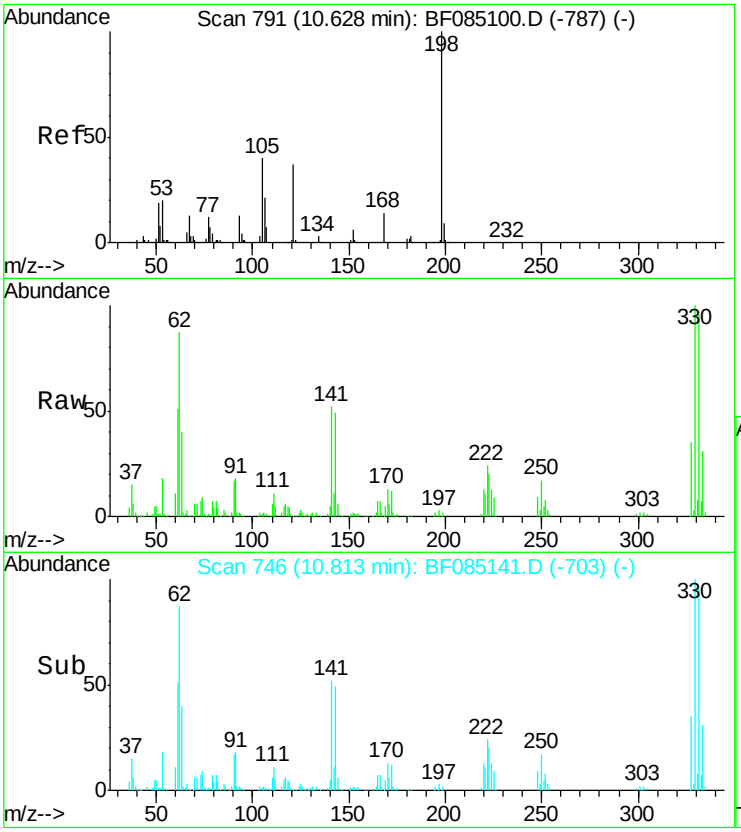


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:188 Resp: 532332

Ion	Ratio	Lower	Upper
188	100		
94	13.1	7.8	11.6#
80	14.6	8.2	12.4#



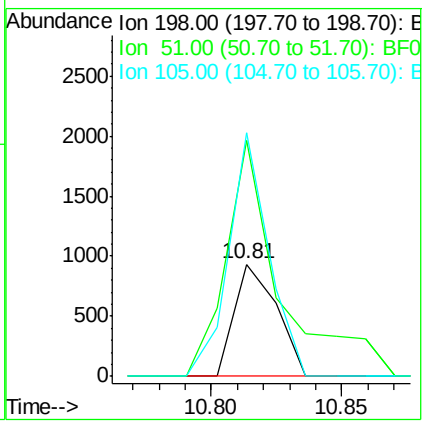


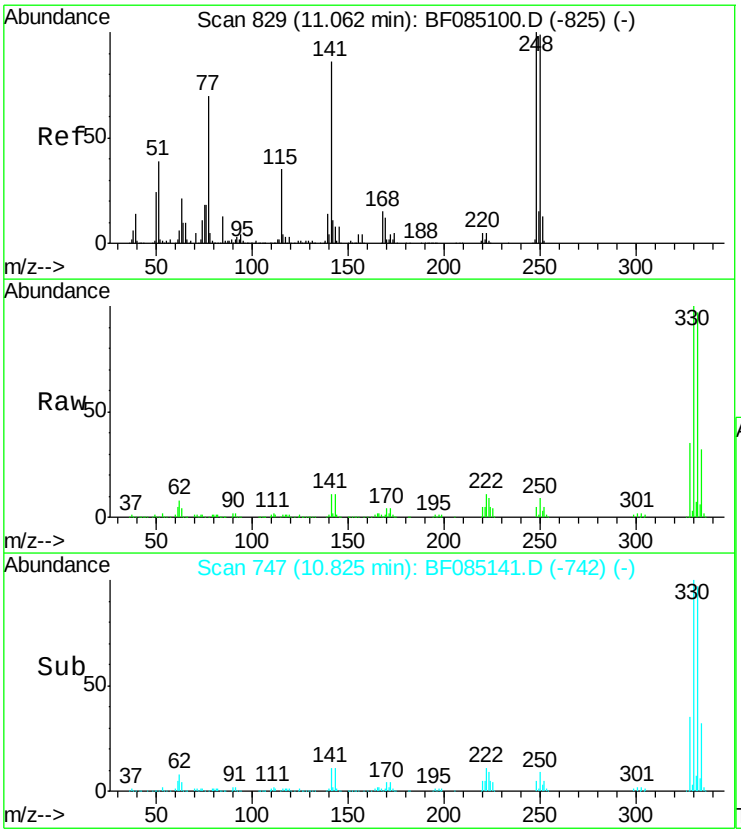
#64
4,6-Dinitro-2-methylphenol
Concen: 7.49 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:198 Resp: 1062

Ion	Ratio	Lower	Upper
198	100		
51	209.6	12.5	52.5#
105	216.8	20.2	60.2#

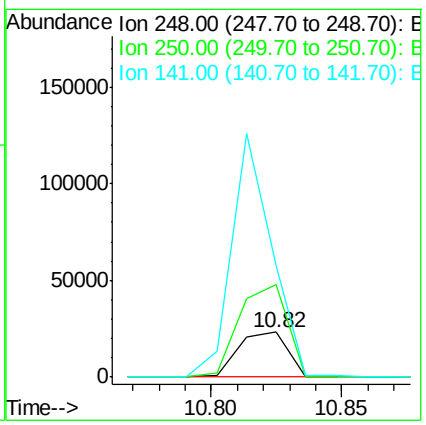


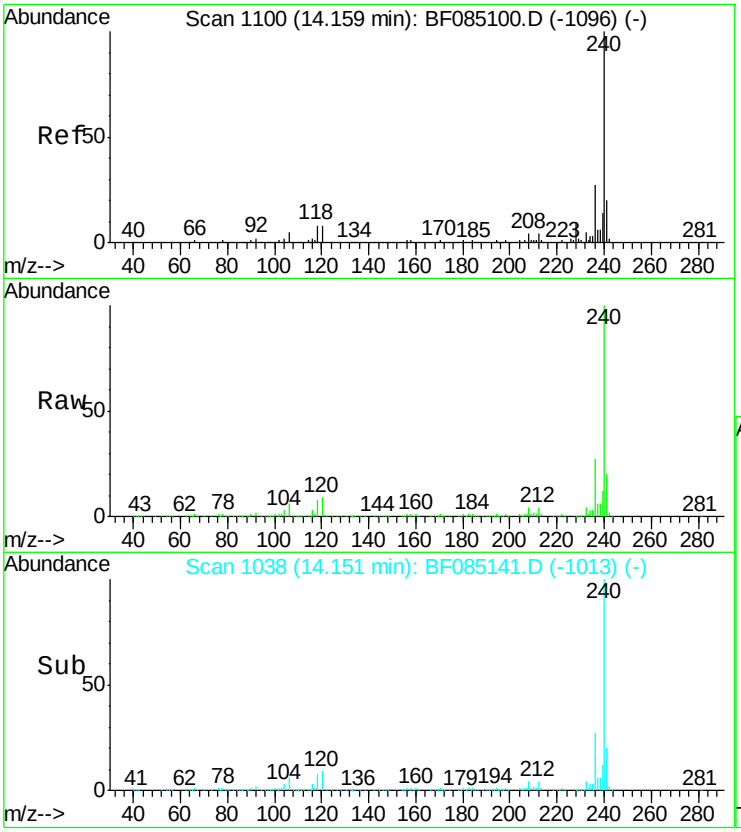


#66
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 10.82 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:248 Resp: 31077

Ion	Ratio	Lower	Upper
248	100		
250	205.7	79.0	118.4#
141	248.0	68.6	103.0#



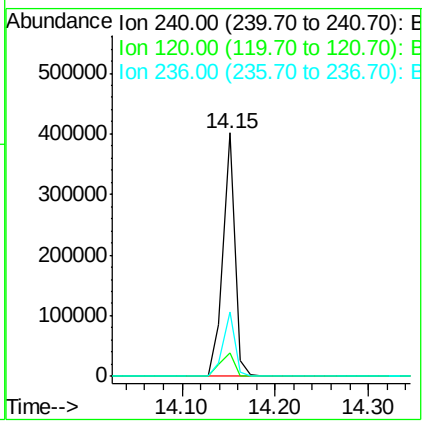


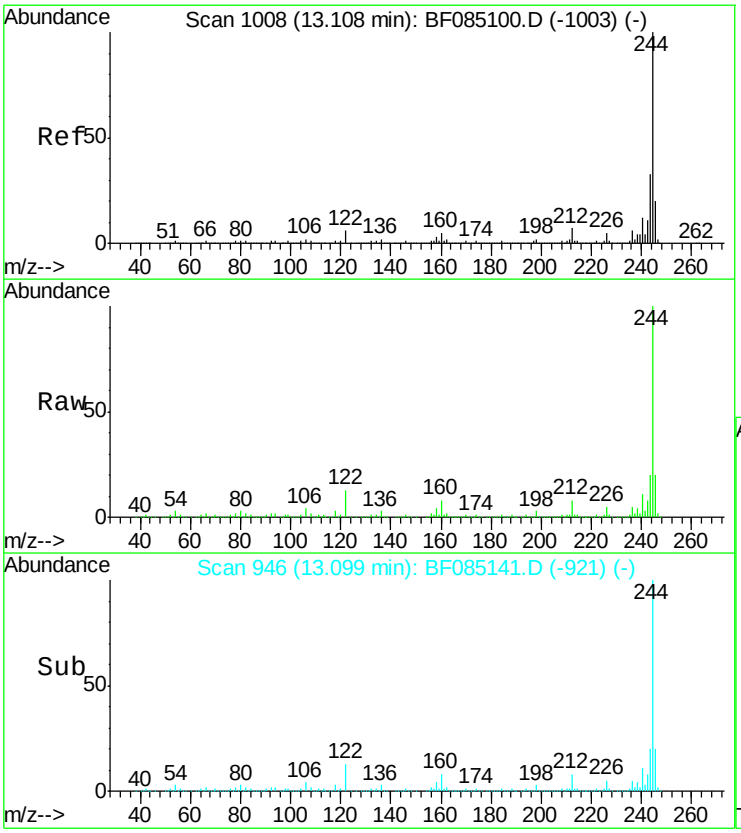
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:240 Resp: 356759

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.7	10.1
236	26.5	21.6	32.4

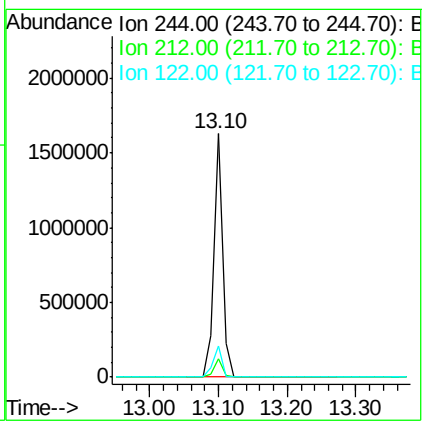


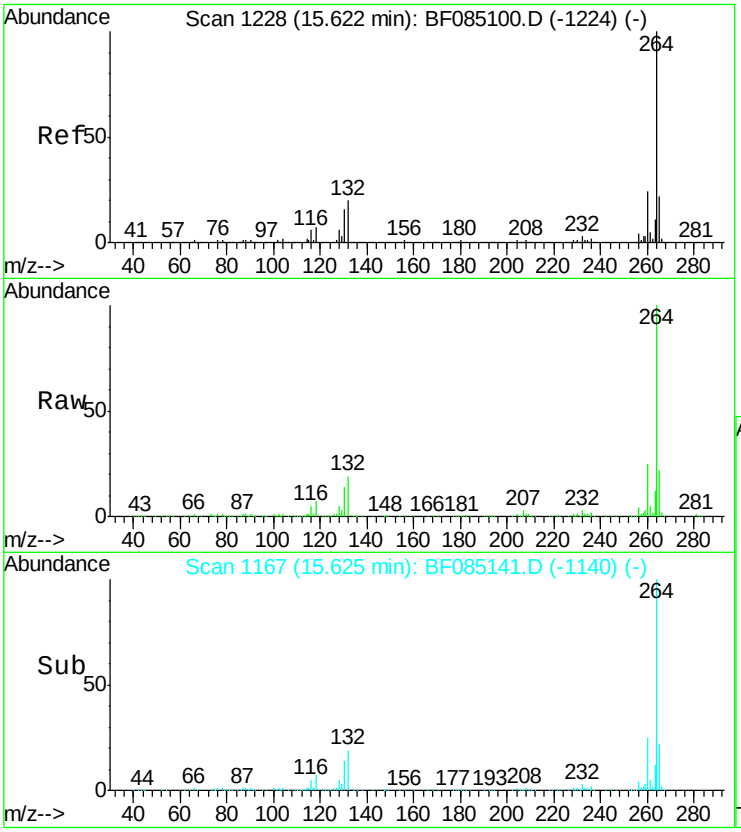


#78
Terphenyl-d14
Concen: 96.81 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085141.D
Acq: 3 Mar 2016 1:24

Tgt Ion:244 Resp: 1472356

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.6	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: BF085141.D
Acq: 3 Mar 2016 1:24

Instrument :
BNA_F
ClientSampleId :
HSR-WC-33-022516

Tgt Ion:264 Resp: 377327

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.7	17.4	26.2