Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085146.D
Acq On : 3 Mar 2016 3:43
Operator : SJ/IZ
Sample : H1623-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-38-022516

Quant Time: Mar 03 04:50:01 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	185917	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	771239	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	338320	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	592282	20.00	ng		0.00
75) Chrysene-d12	14.15	240	395106	20.00	ng		0.00
86) Perylene-d12	15.63	264	375665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1413002	123.39	ng		0.03
7) Phenol-d6	6.62	99	1871643	124.67	ng		0.00
23) Nitrobenzene-d5	7.56	82	1339164	92.38	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	590191	173.59	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1890504	82.30	ng		0.00
78) Terphenyl-d14	13.10	244	1598062	94.88	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.76	77	34201	2.25	ng		81
19) n-Nitroso-di-n-propylamine	7.56	70	180315	18.23	ng	#	75
31) Naphthalene	8.30	128	469250	12.03	ng		97
32) Benzoic acid	7.96	122	1115	12.51	ng		99
33) 4-Chloroaniline	8.30	127	60478	3.92	ng	#	32
37) 2-Methylnaphthalene	8.98	142	56313	2.36	ng		99
50) 2,6-Dinitrotoluene	10.02	165	43461	8.35	ng	#	22
55) 4-Nitrophenol	10.23	139	13425	2.83	ng	#	23
56) 2,4-Dinitrotoluene	10.02	165	43463	6.20	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.81	198	1217	7.49	ng	#	1
66) 4-Bromophenyl-phenylether	10.82	248	34613	5.57	ng	#	1

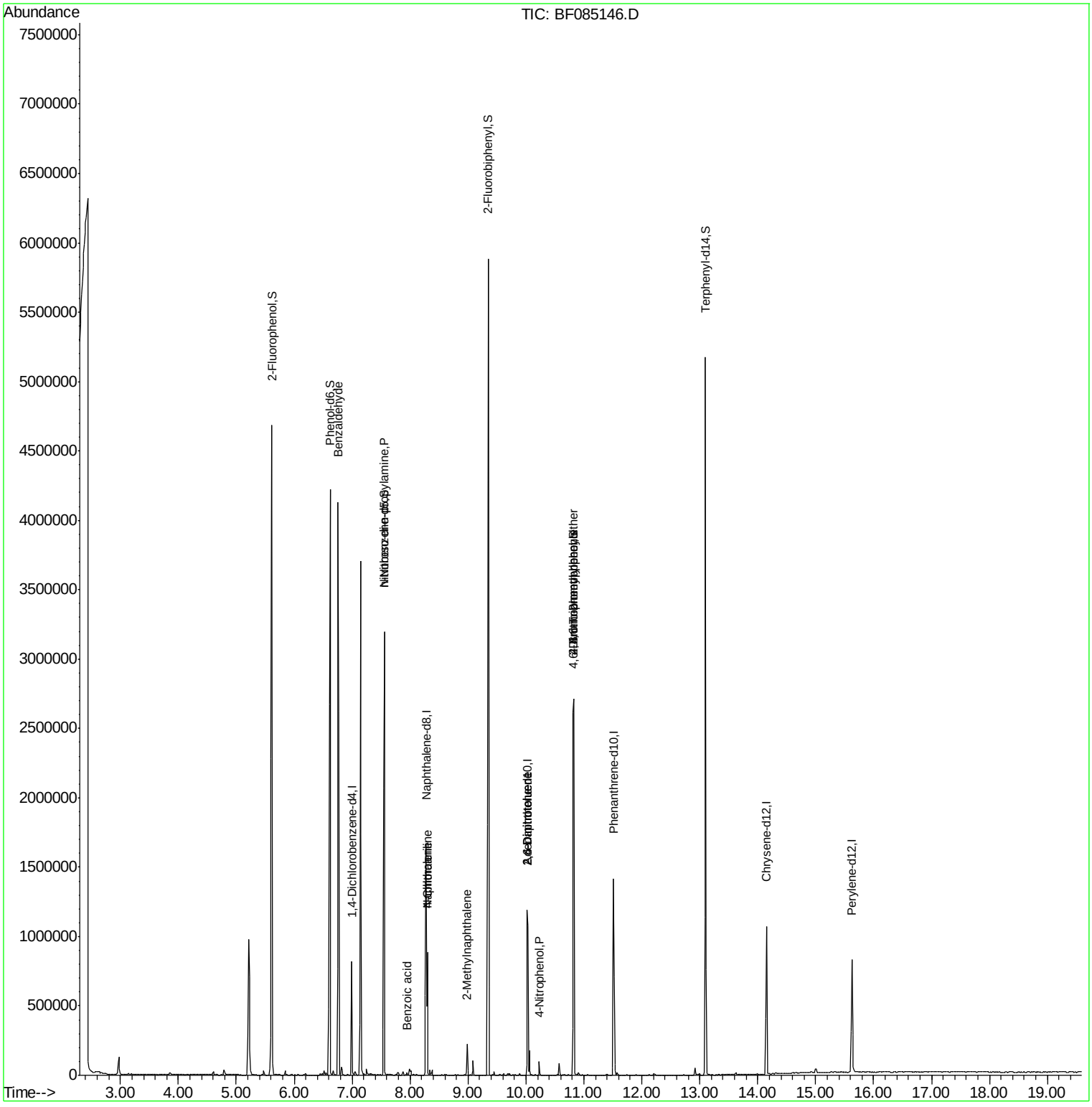
(#) = qualifier out of range (m) = manual integration (+) = signals summed

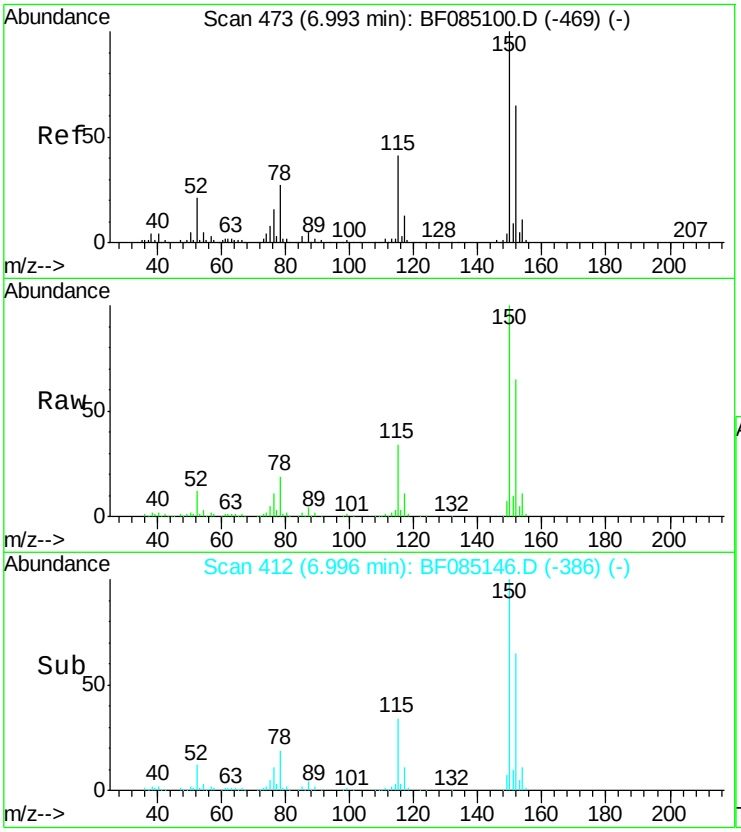
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085146.D
Acq On : 3 Mar 2016 3:43
Operator : SJ/IZ
Sample : H1623-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Quant Time: Mar 03 04:50:01 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



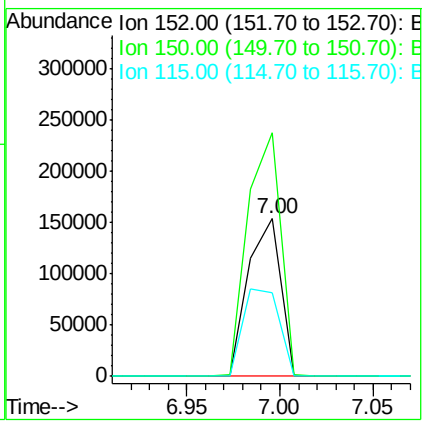


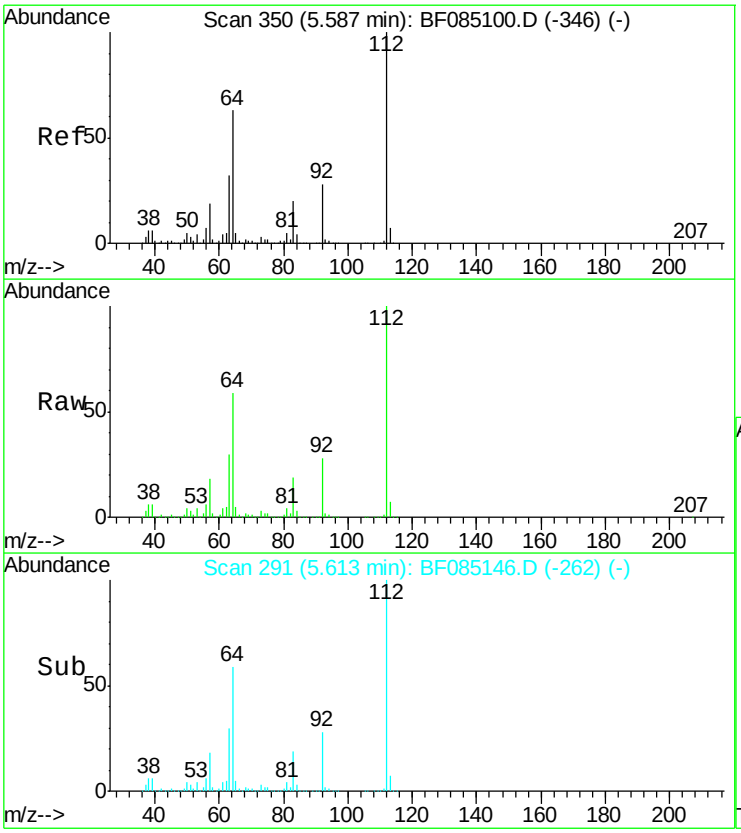
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:152 Resp: 185917

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.4	185.0
115	53.1	50.0	75.0

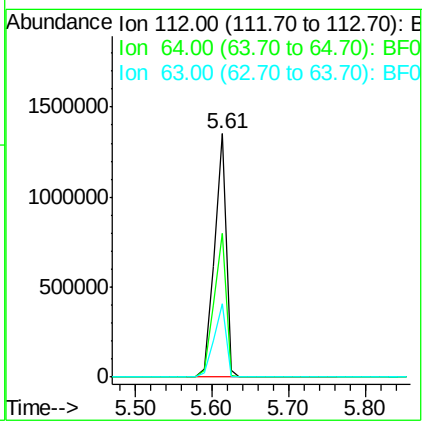


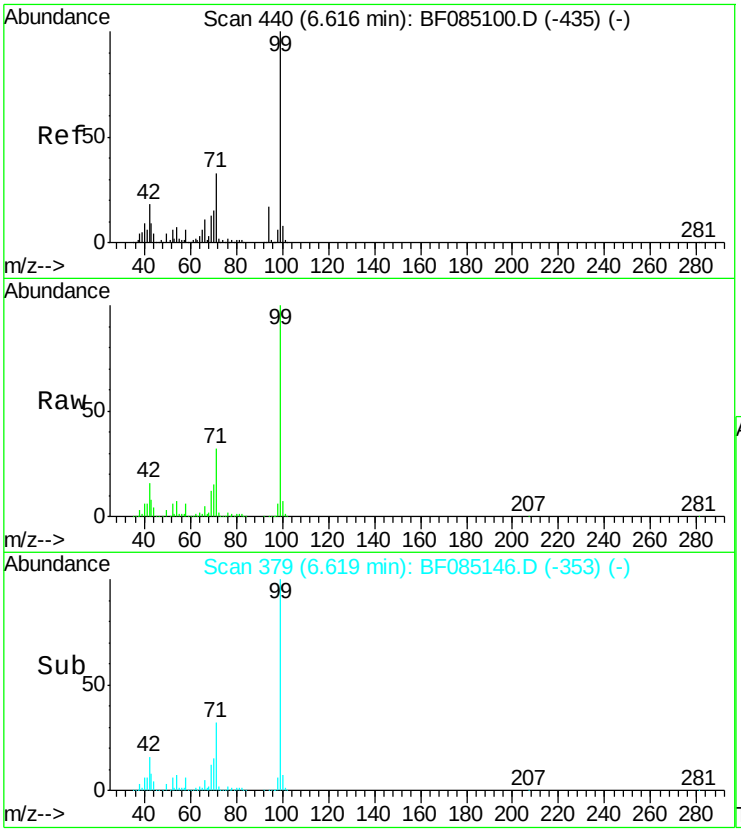


#5
2-Fluorophenol
Concen: 123.39 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:112 Resp: 1413002

Ion	Ratio	Lower	Upper
112	100		
64	59.0	50.6	76.0
63	30.0	25.5	38.3



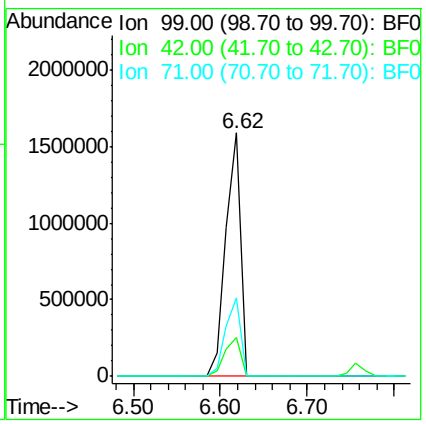


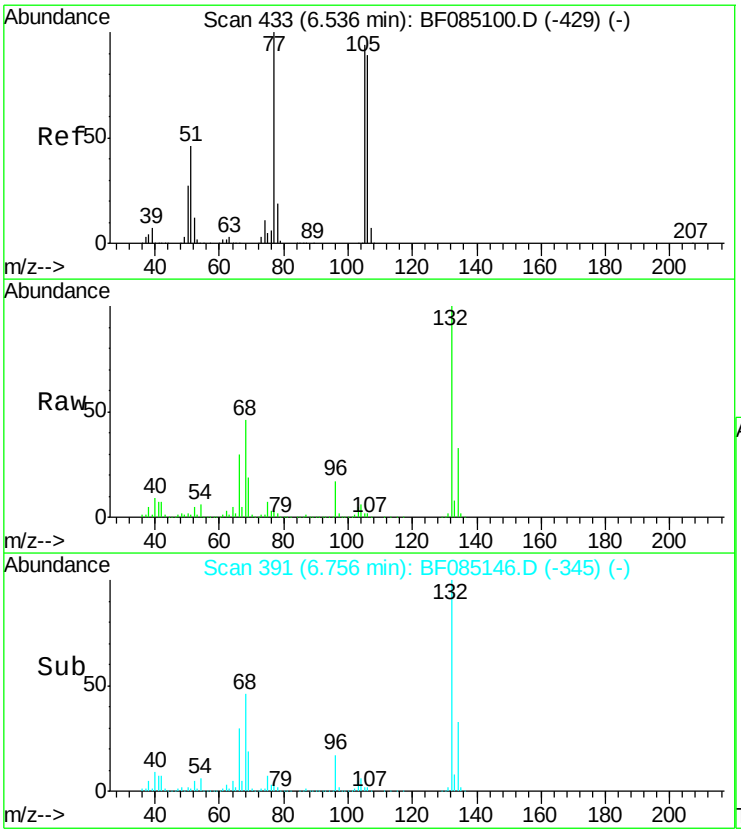
#7
Phenol-d6
Concen: 124.67 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion: 99 Resp: 1871643

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	32.3	26.8	40.2

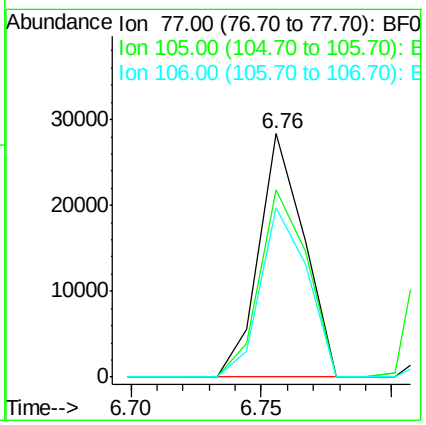


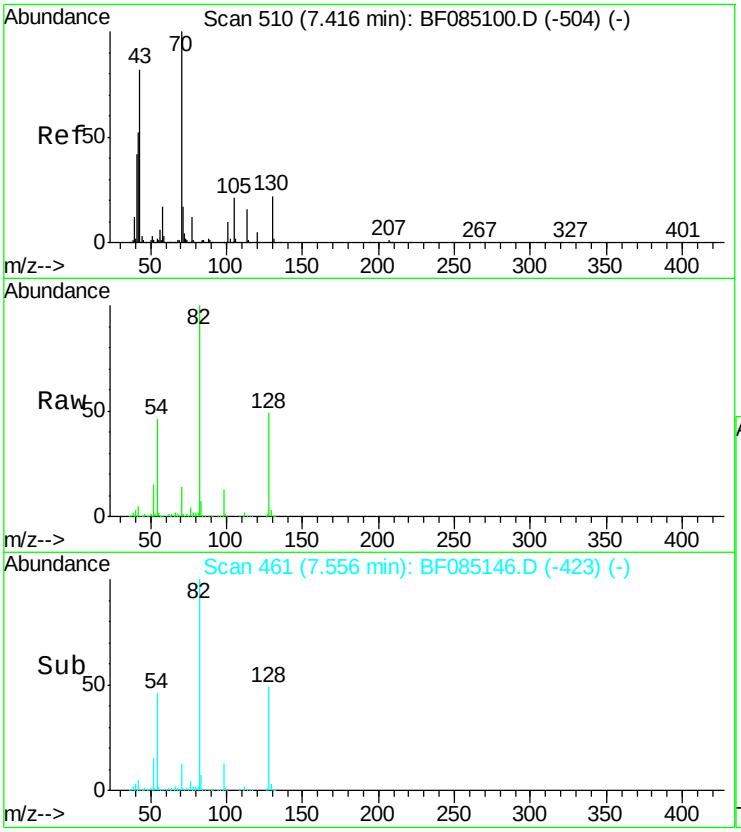


#9
Benzaldehyde
Concen: 2.25 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.22 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion: 77 Resp: 34201

Ion	Ratio	Lower	Upper
77	100		
105	77.1	73.7	113.7
106	69.8	69.2	109.2



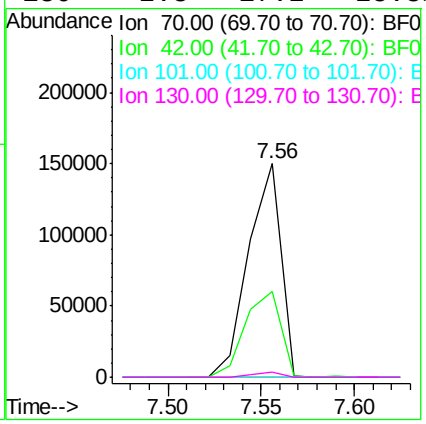


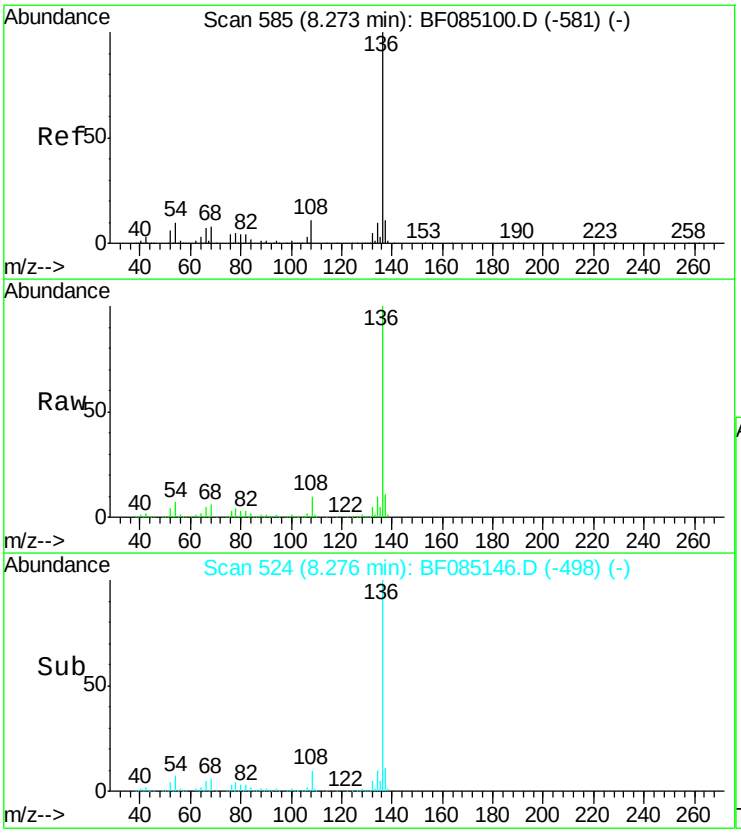
#19
n-Nitroso-di-n-propylamine
Concen: 18.23 ng
RT: 7.56 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion: 70 Resp: 180315

Ion	Ratio	Lower	Upper
70	100		
42	39.9	41.9	62.9#
101	0.0	7.8	11.8#
130	2.3	17.2	25.8#

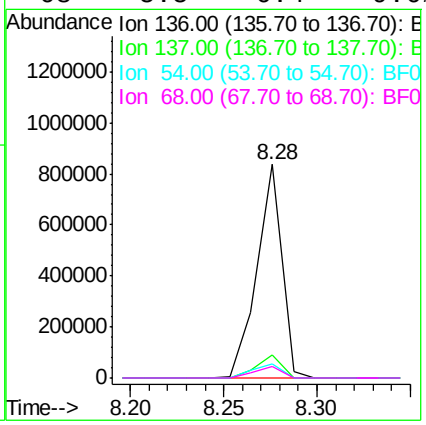


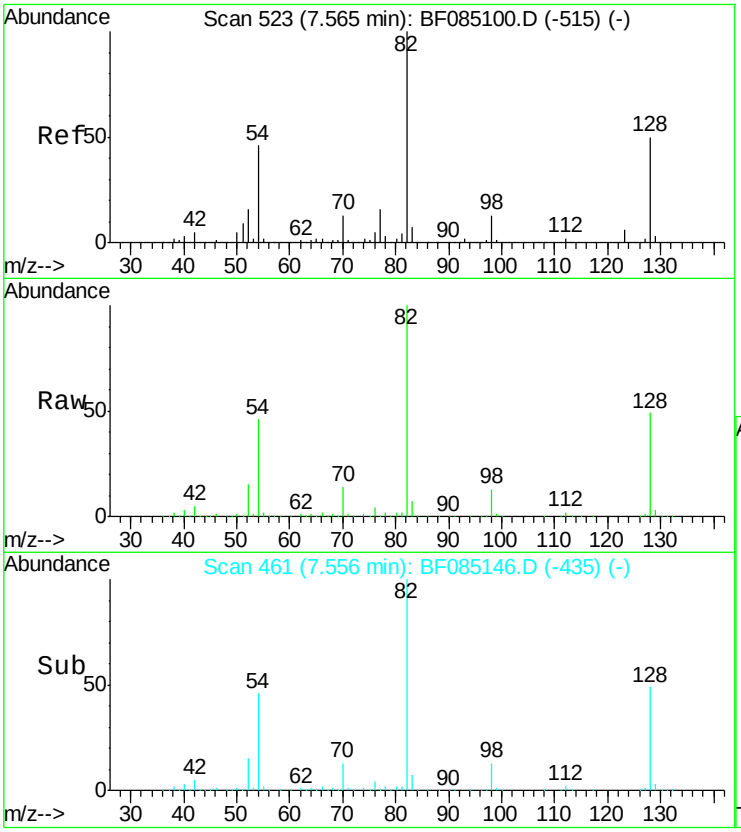


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:136 Resp: 771239

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.9	8.5	12.7#
68	5.5	6.4	9.6#



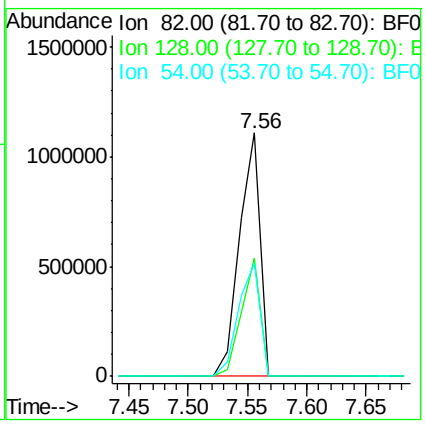


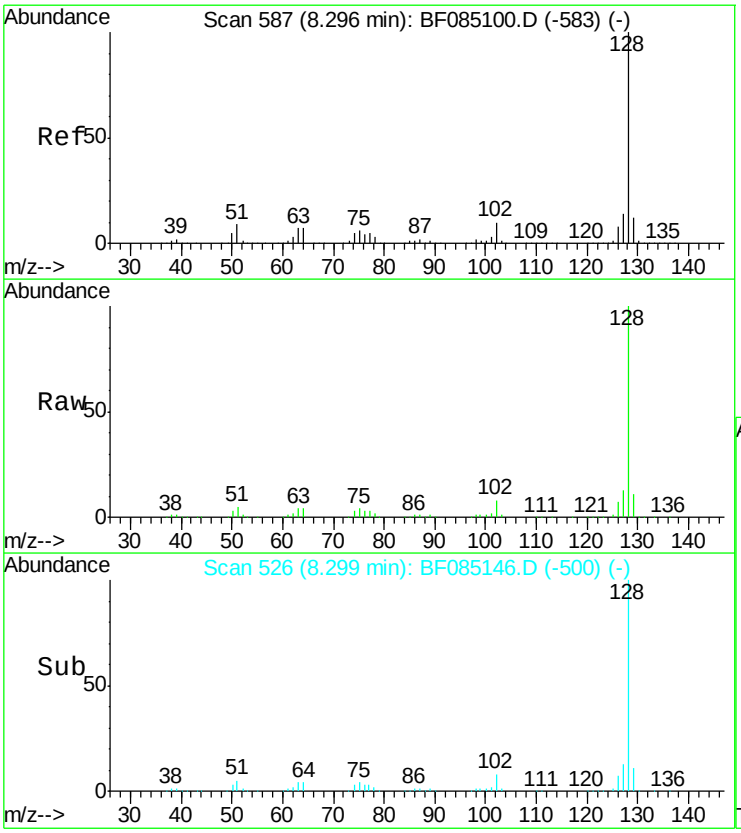
#23
Nitrobenzene-d5
Concen: 92.38 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion: 82 Resp: 1339164

Ion	Ratio	Lower	Upper
82	100		
128	48.8	39.8	59.6
54	46.2	36.6	54.8

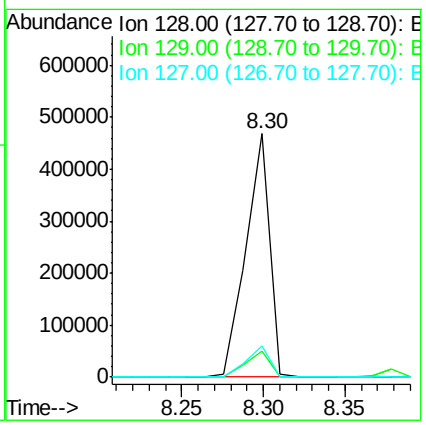


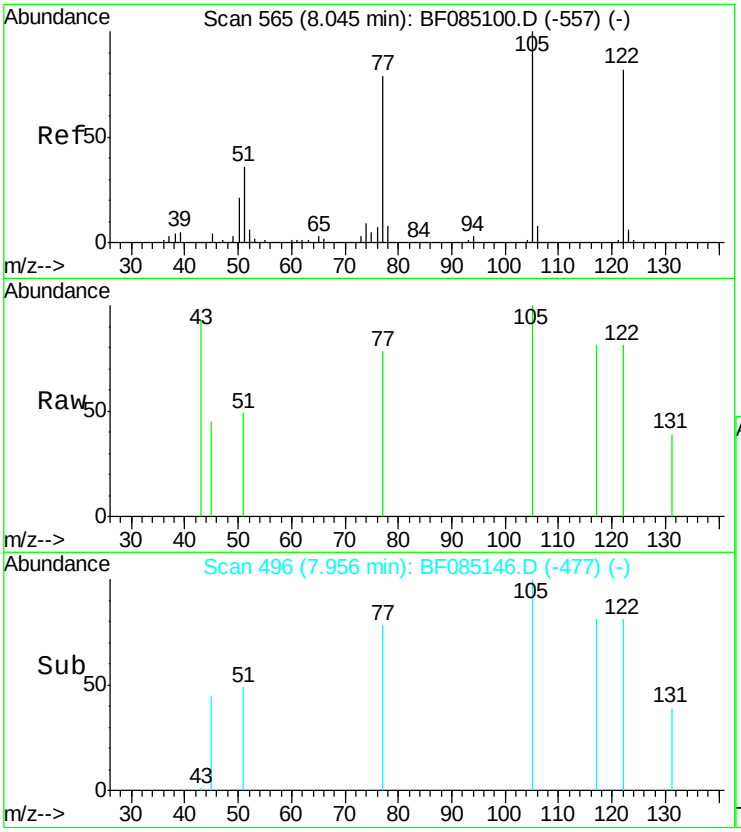


#31
Naphthalene
Concen: 12.03 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:128 Resp: 469250

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.7	14.5
127	12.8	11.1	16.7



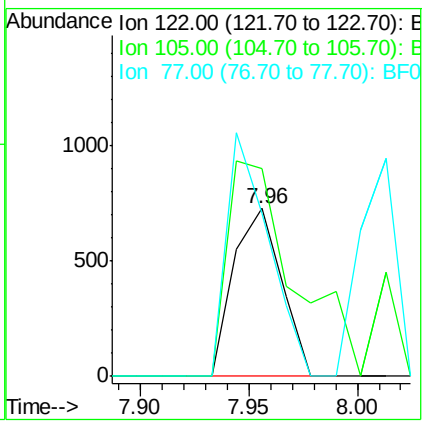


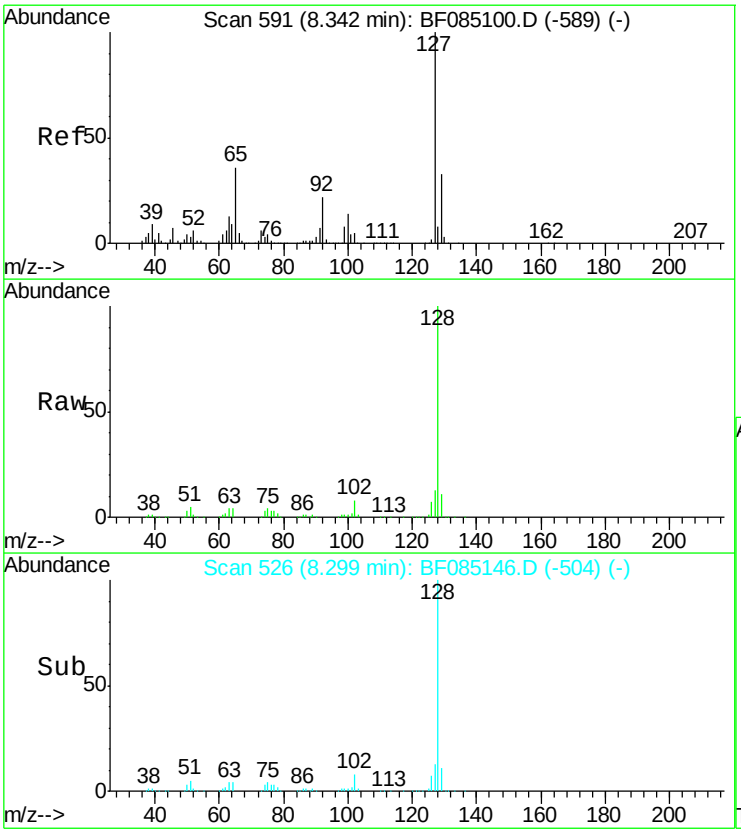
#32
Benzoic acid
Concen: 12.51 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:122 Resp: 1115

Ion	Ratio	Lower	Upper
122	100		
105	123.7	102.0	142.0
77	97.1	76.8	116.8

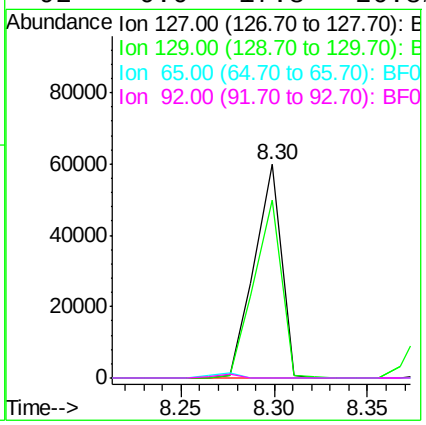


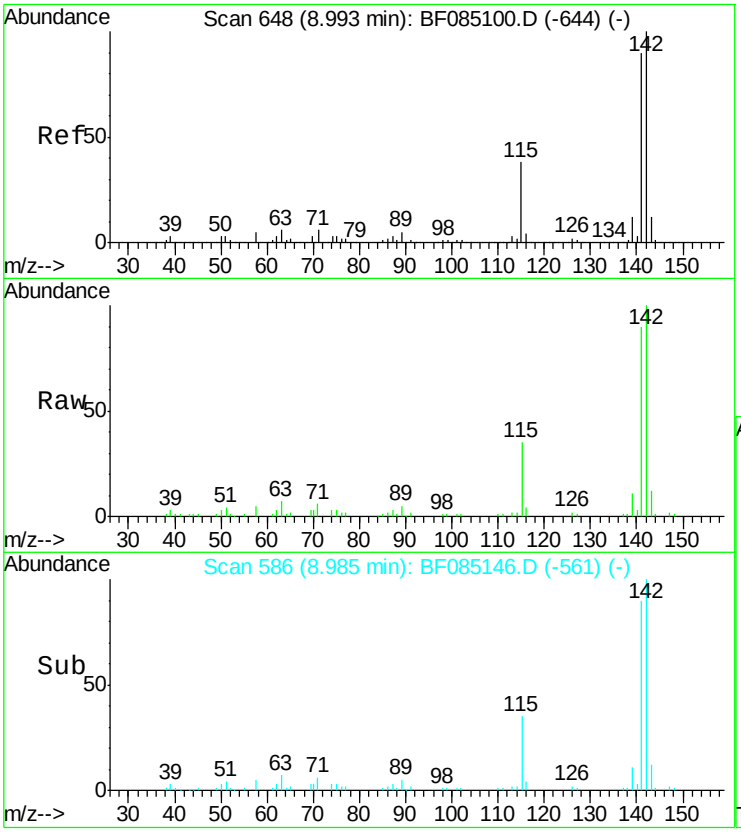


#33
4-Chloroaniline
Concen: 3.92 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:127 Resp: 60478

Ion	Ratio	Lower	Upper
127	100		
129	83.1	26.3	39.5#
65	0.0	28.6	43.0#
92	0.0	17.8	26.8#



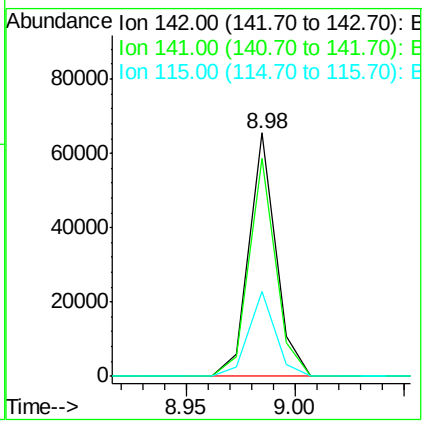


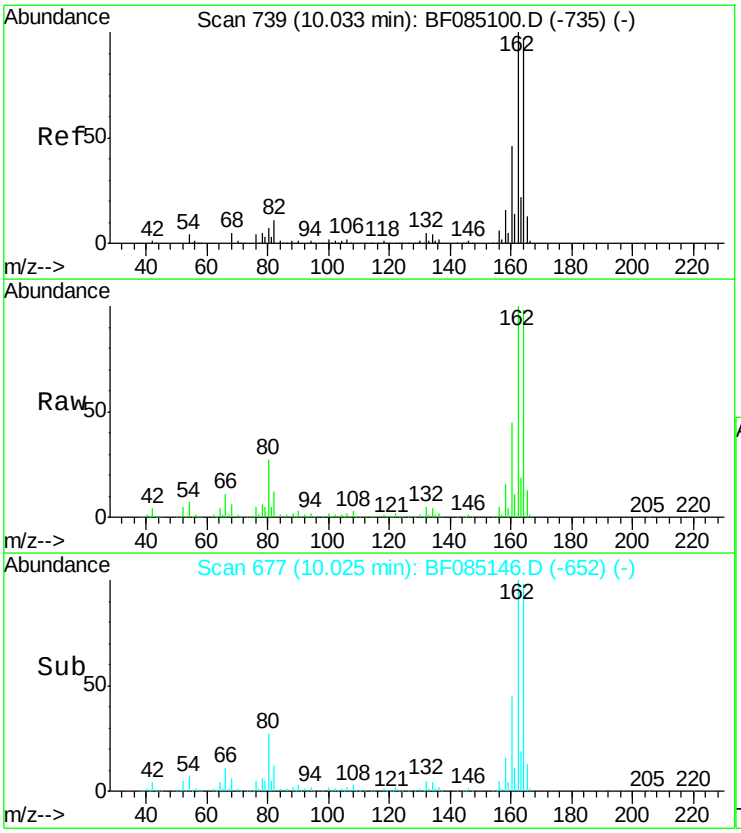
#37
2-Methylnaphthalene
Concen: 2.36 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:142 Resp: 56313

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.7	107.5
115	34.8	30.1	45.1

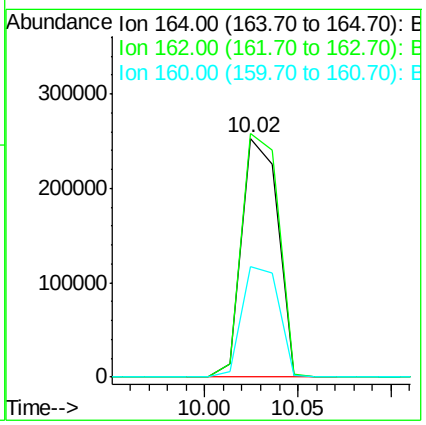


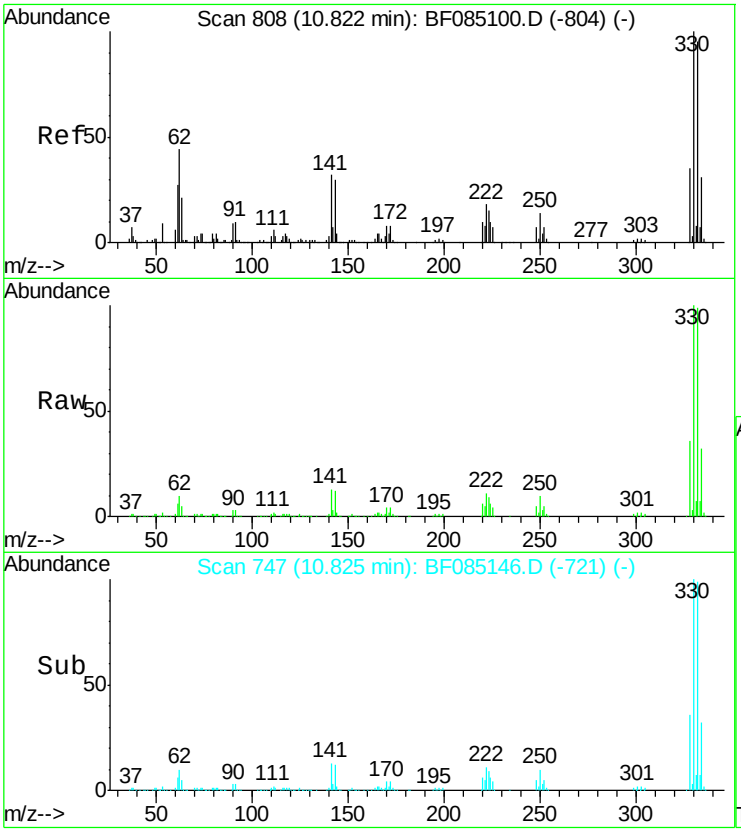


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:164 Resp: 338320

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.1	38.2	57.2



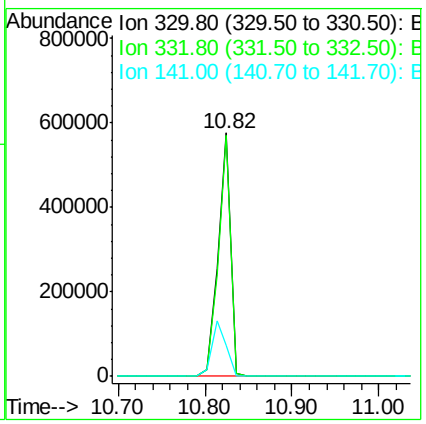


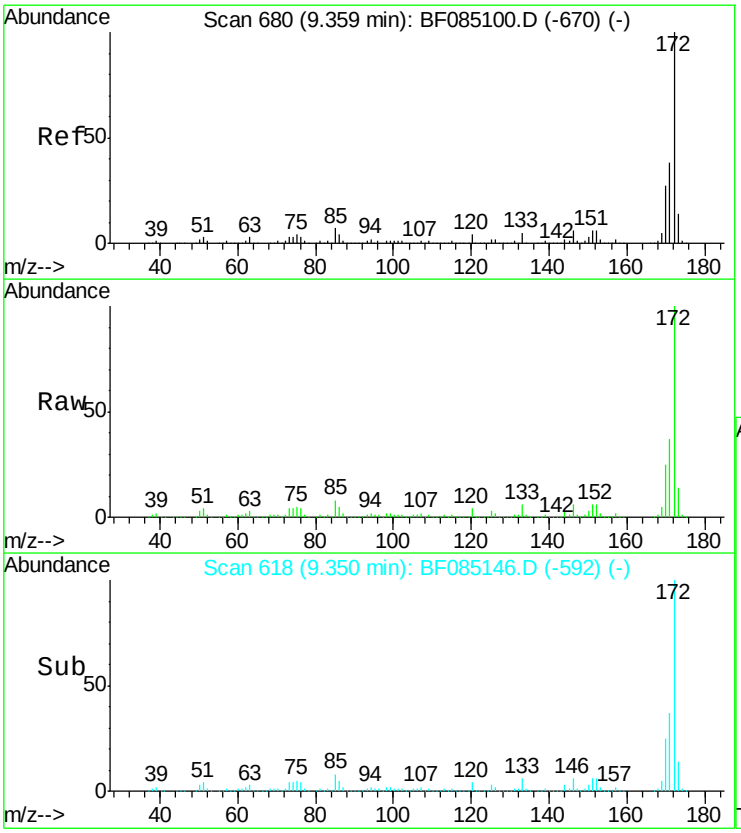
#41
2,4,6-Tribromophenol
Concen: 173.59 ng
RT: 10.82 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:330 Resp: 590191

Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.9	113.9
141	25.9	28.9	43.3#

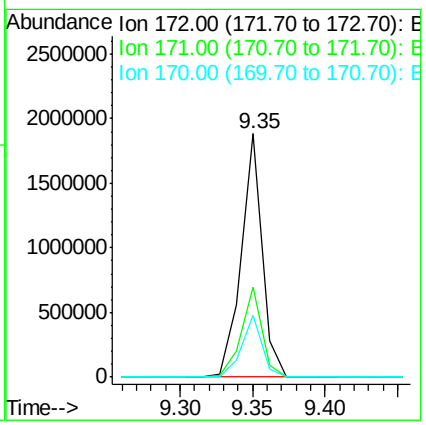


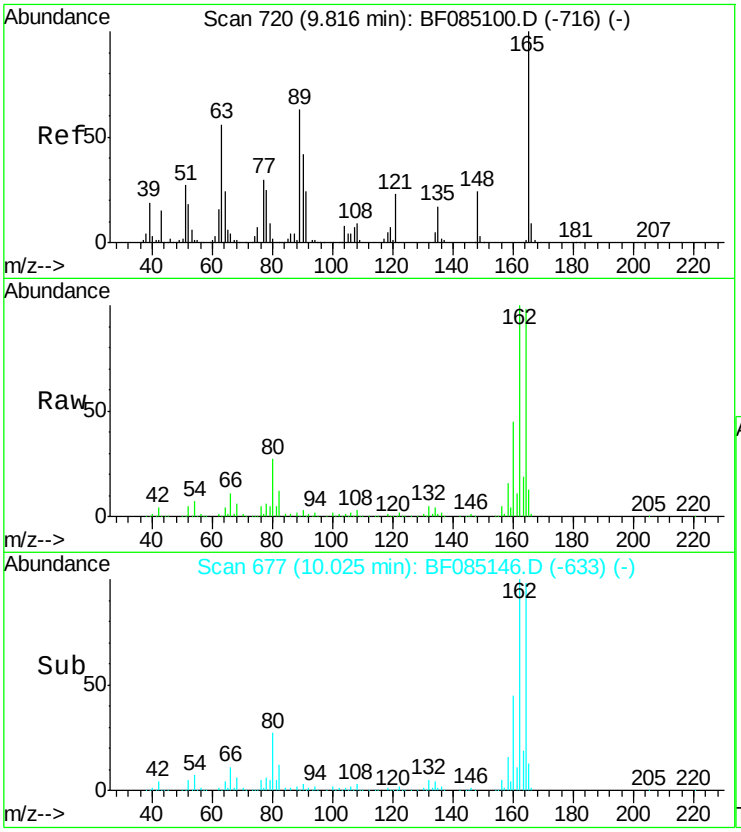


#44
2-Fluorobiphenyl
Concen: 82.30 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:172 Resp: 1890504

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	25.4	21.2	31.8



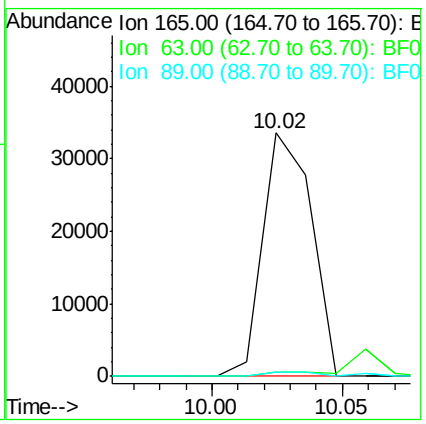


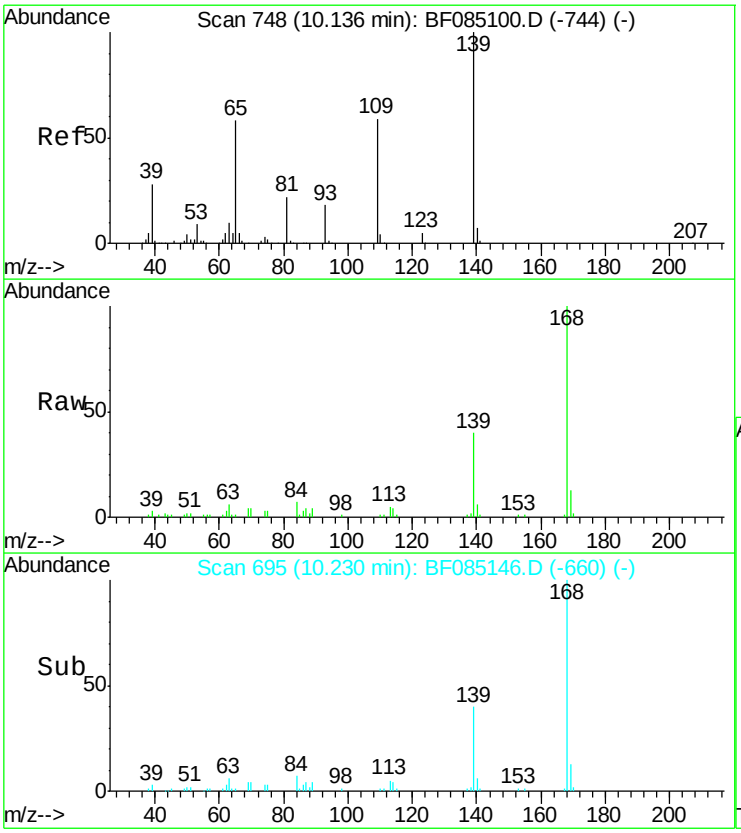
#50
2,6-Dinitrotoluene
Concen: 8.35 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:165 Resp: 43461

Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.4	71.2#
89	1.7	50.2	75.2#

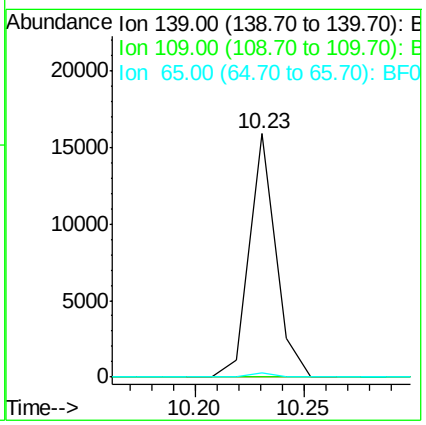


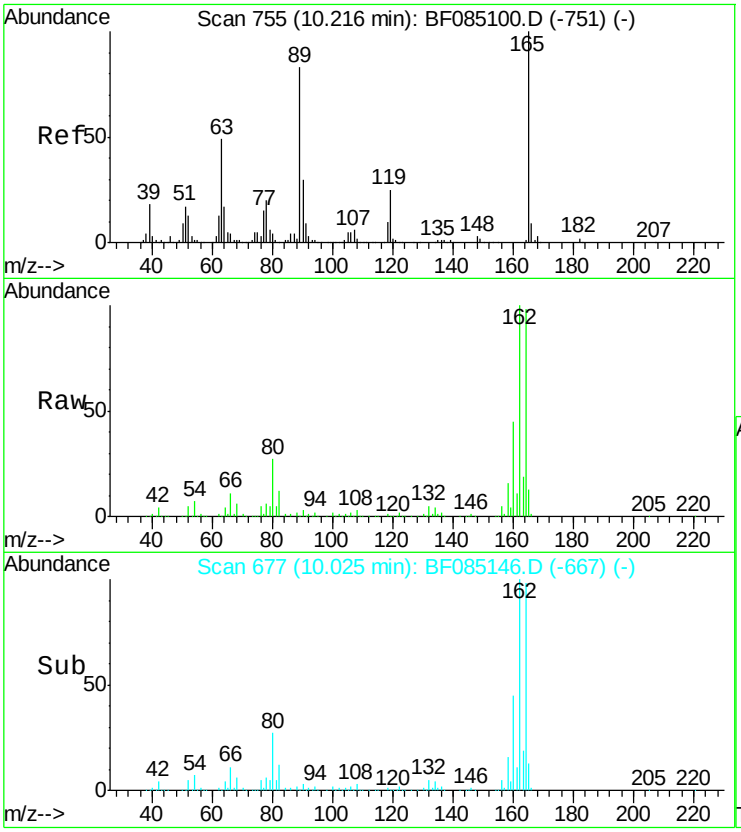


#55
4-Nitrophenol
Concen: 2.83 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.09 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:139 Resp: 13425

Ion	Ratio	Lower	Upper
139	100		
109	0.0	39.5	79.5#
65	1.9	38.4	78.4#



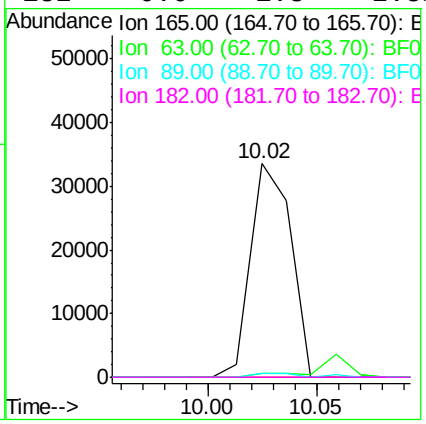


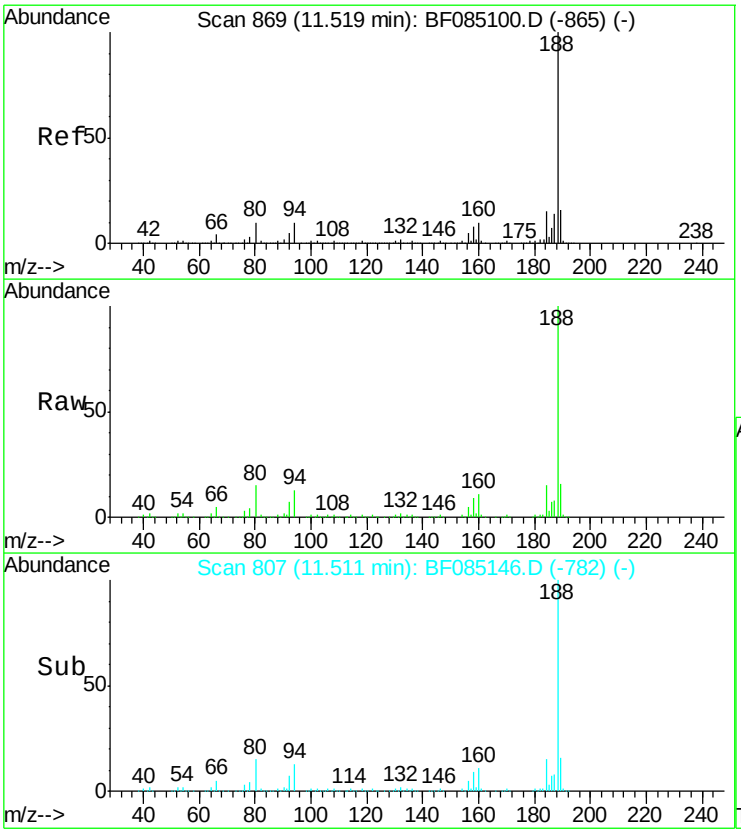
#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:165 Resp: 43463

Ion	Ratio	Lower	Upper
165	100		
63	1.7	39.2	58.8#
89	1.7	66.2	99.4#
182	0.0	1.8	2.8#

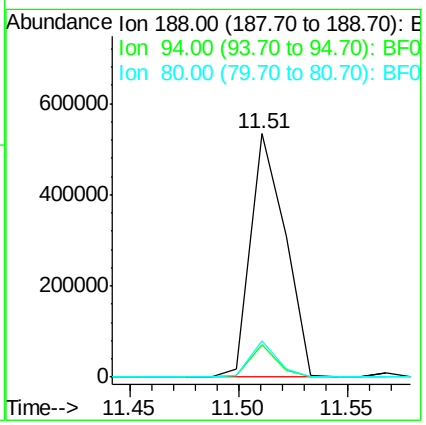


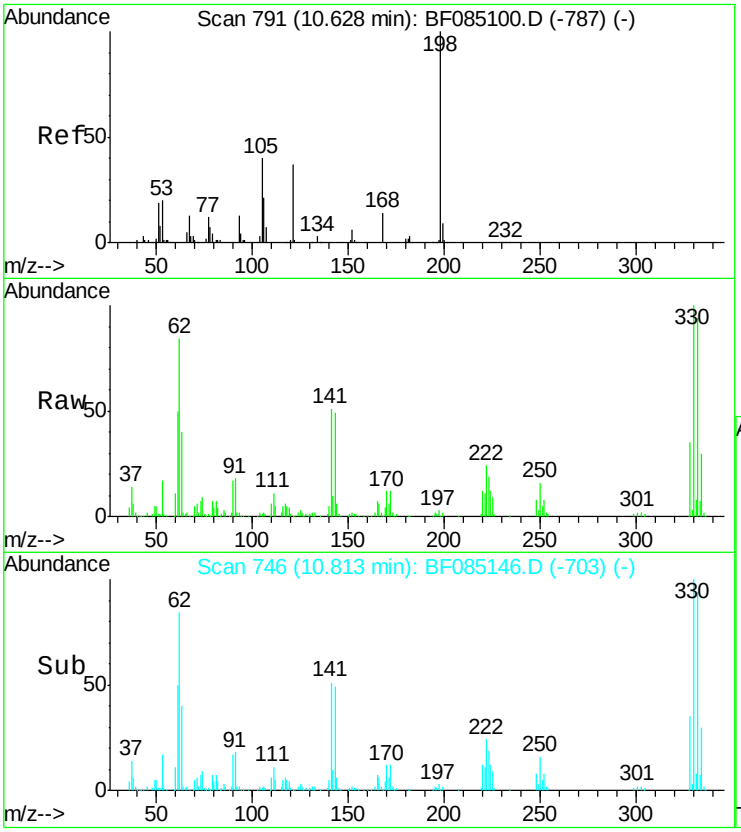


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:188 Resp: 592282

Ion	Ratio	Lower	Upper
188	100		
94	13.1	7.8	11.6#
80	14.7	8.2	12.4#



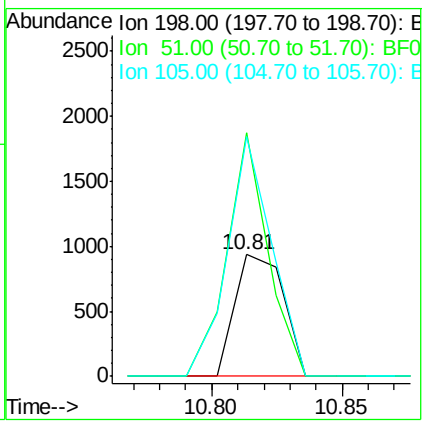


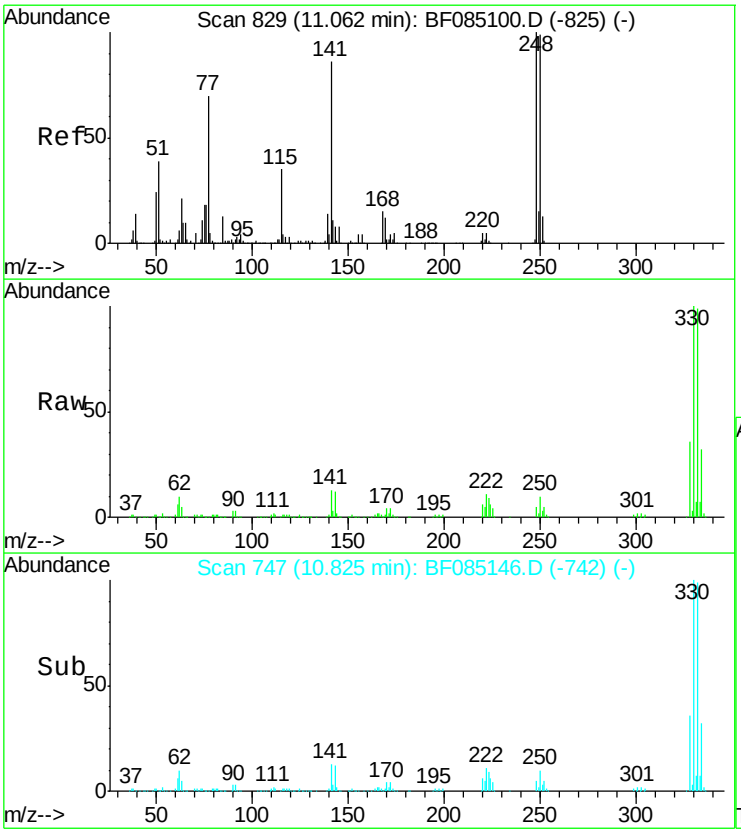
#64
4,6-Dinitro-2-methylphenol
Concen: 7.49 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:198 Resp: 1217

Ion	Ratio	Lower	Upper
198	100		
51	199.7	12.5	52.5#
105	196.7	20.2	60.2#

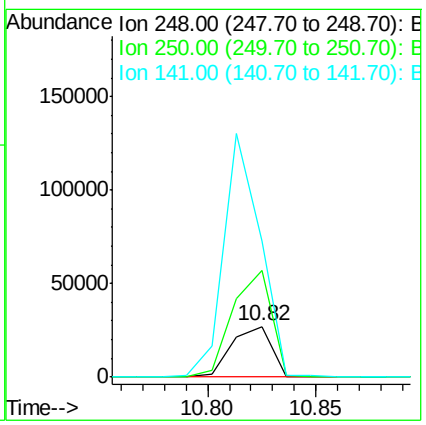


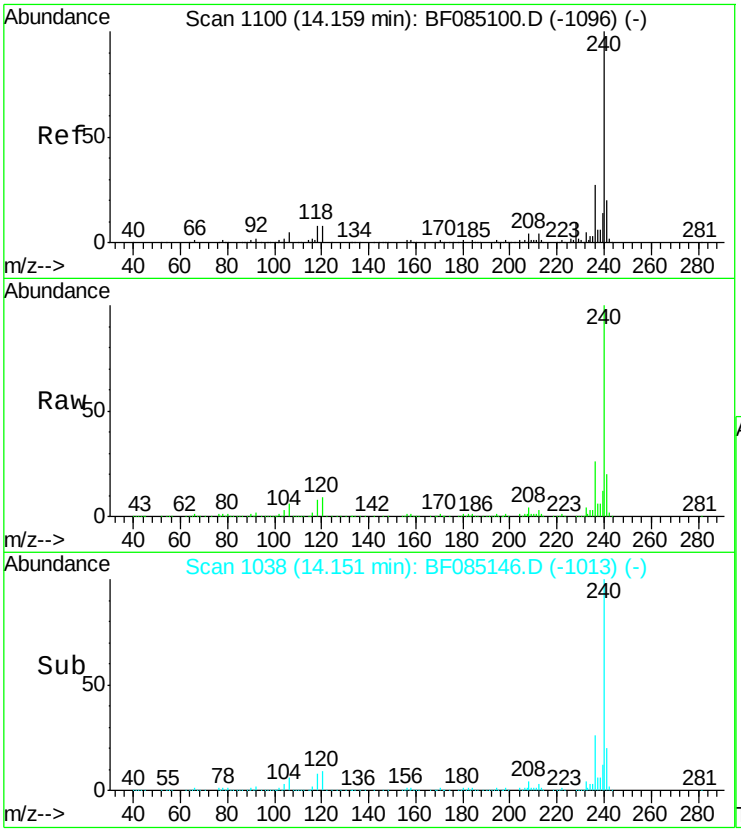


#66
4-Bromophenyl-phenylether
Concen: 5.57 ng
RT: 10.82 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:248 Resp: 34613

Ion	Ratio	Lower	Upper
248	100		
250	209.0	79.0	118.4#
141	268.6	68.6	103.0#



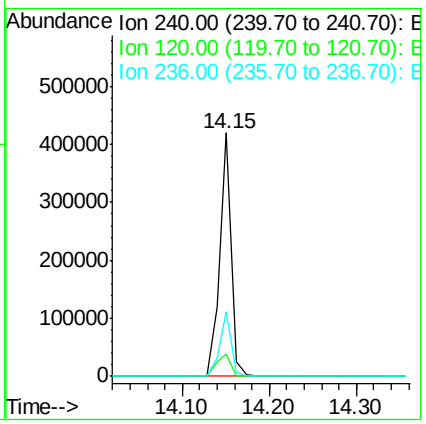


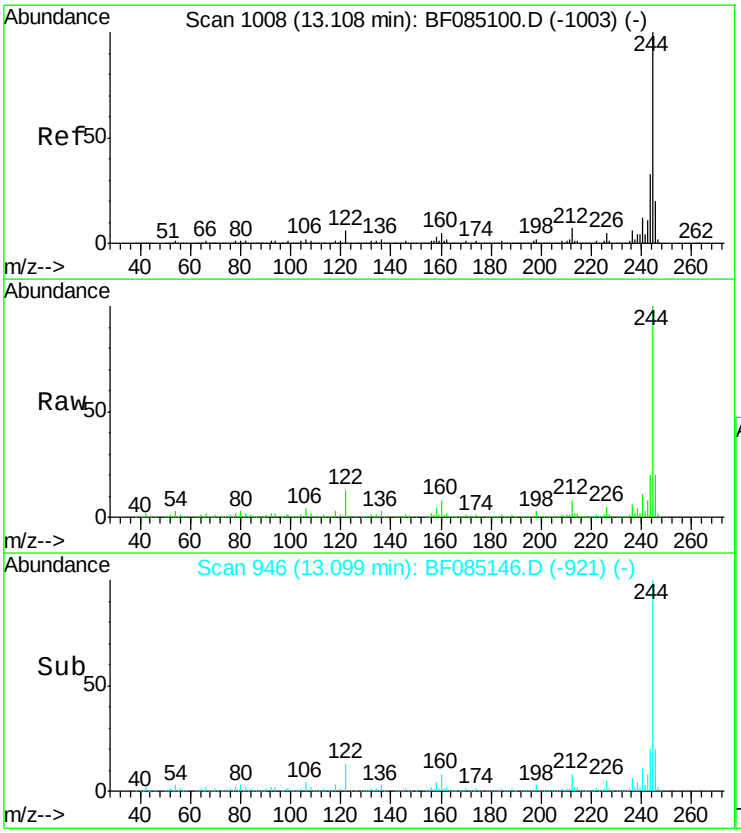
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:240 Resp: 395106

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.7	10.1
236	26.4	21.6	32.4

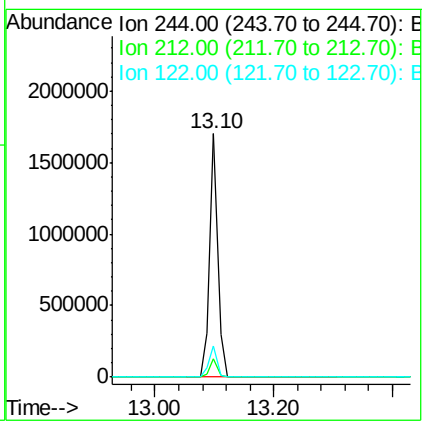


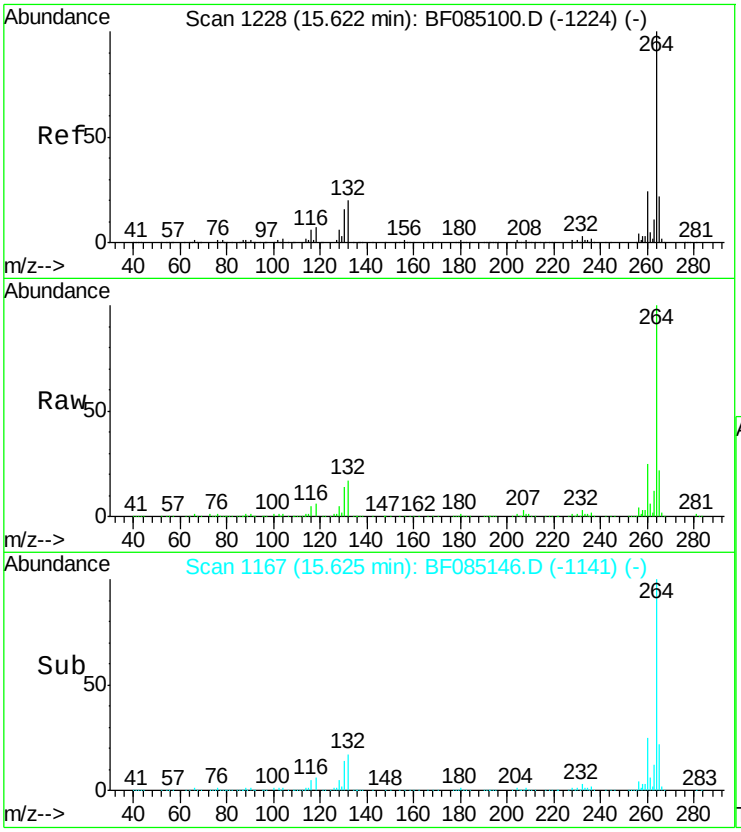


#78
Terphenyl-d14
Concen: 94.88 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085146.D
Acq: 3 Mar 2016 3:43

Tgt Ion:244 Resp: 1598062

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	12.8	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: BF085146.D
Acq: 3 Mar 2016 3:43

Instrument :
BNA_F
ClientSampleId :
HSR-WC-38-022516

Tgt Ion:264 Resp: 375665

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.1	17.4	26.2