Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085549.D
Acq On : 19 Mar 2016 2:53
Operator : UM/SJ
Sample : PB88949TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88949TB

Quant Time: Mar 19 02:33:09 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	130235	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	553462	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	242630	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	516141	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	418491	20.00	ng	-0.01
86) Perylene-d12	15.43	264	366090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1000284	129.01	ng	0.01
7) Phenol-d6	6.48	99	1207808	121.46	ng	-0.01
23) Nitrobenzene-d5	7.42	82	779028	81.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	325016	136.75	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1196497	83.83	ng	-0.01
78) Terphenyl-d14	12.96	244	1292293	74.31	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.62	93	1123	0.08	ng	# 1
9) Benzaldehyde	6.62	77	19290	1.98	ng	81
10) Phenol	6.62	94	1682	0.15	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1123	0.13	ng	# 1
15) Benzyl Alcohol	7.01	79	11709	1.72	ng	# 47
19) n-Nitroso-di-n-propylamine	7.42	70	102636	17.28	ng	# 77
24) Nitrobenzene	7.42	77	2129	0.20	ng	# 36
31) Naphthalene	8.26	128	1039	0.04	ng	# 1
45) 1,1'-Biphenyl	9.21	154	2416	0.12	ng	# 1
47) 2-Nitroaniline	9.21	65	1787	0.39	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	31255	8.09	ng	# 19
51) Acenaphthene	9.89	154	888	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	31256	6.18	ng	# 37
57) Fluorene	10.68	166	12852	0.82	ng	# 90
62) Azobenzene	10.68	77	1239	0.07	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.68	198	429	0.13	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	8641	0.54	ng	# 43
66) 4-Bromophenyl-phenylether	10.68	248	19773	3.83	ng	# 1
73) Di-n-butylphthalate	11.93	149	291	0.01	ng	# 78
77) Pyrene	12.96	202	4336	0.14	ng	# 66
80) Benzo(a)anthracene	14.00	228	1019	0.04	ng	# 51
82) Chrysene	14.00	228	1019	0.04	ng	# 49
89) Benzo(a)pyrene	15.43	252	955	0.05	ng	# 46

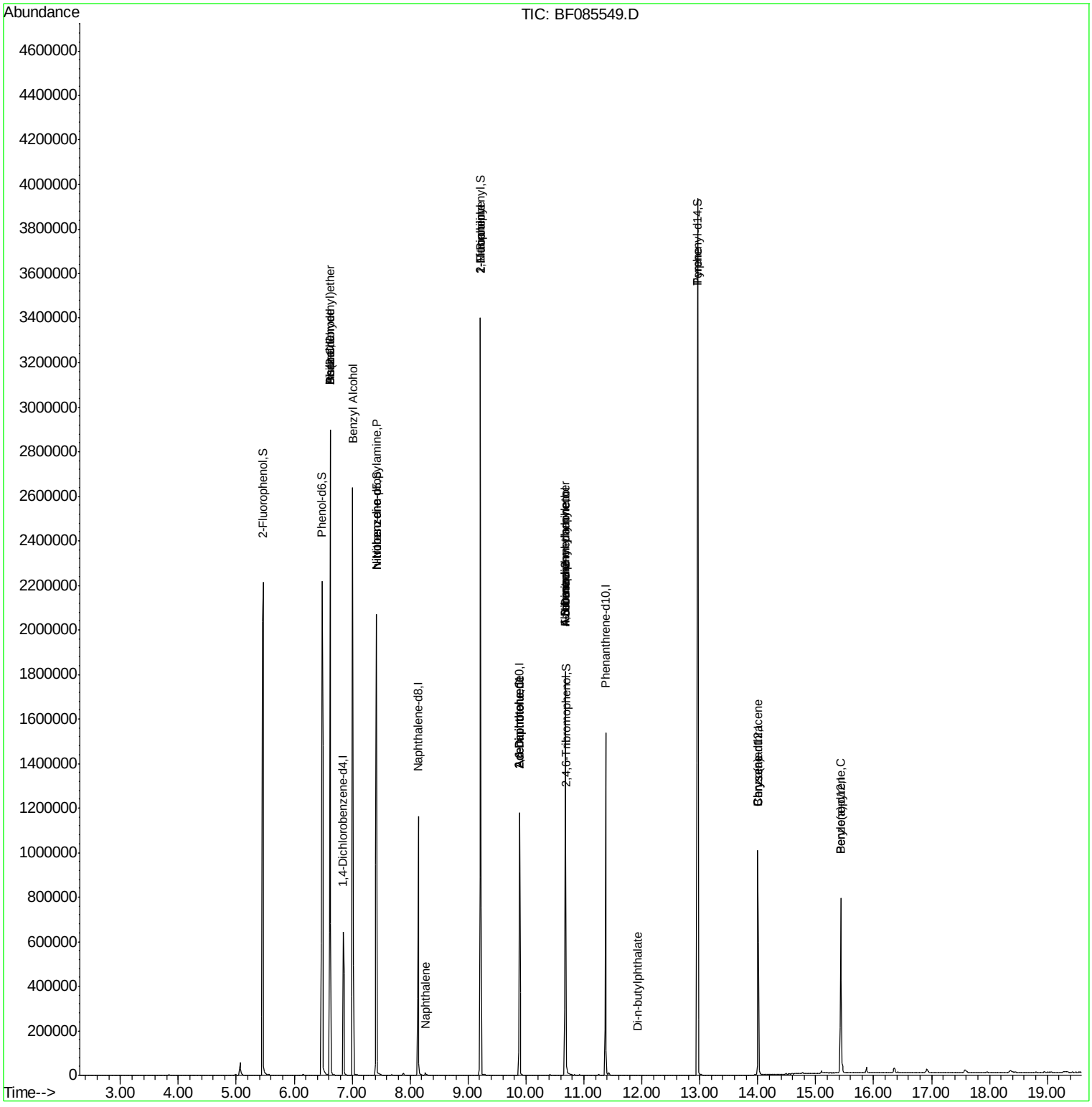
(#) = qualifier out of range (m) = manual integration (+) = signals summed

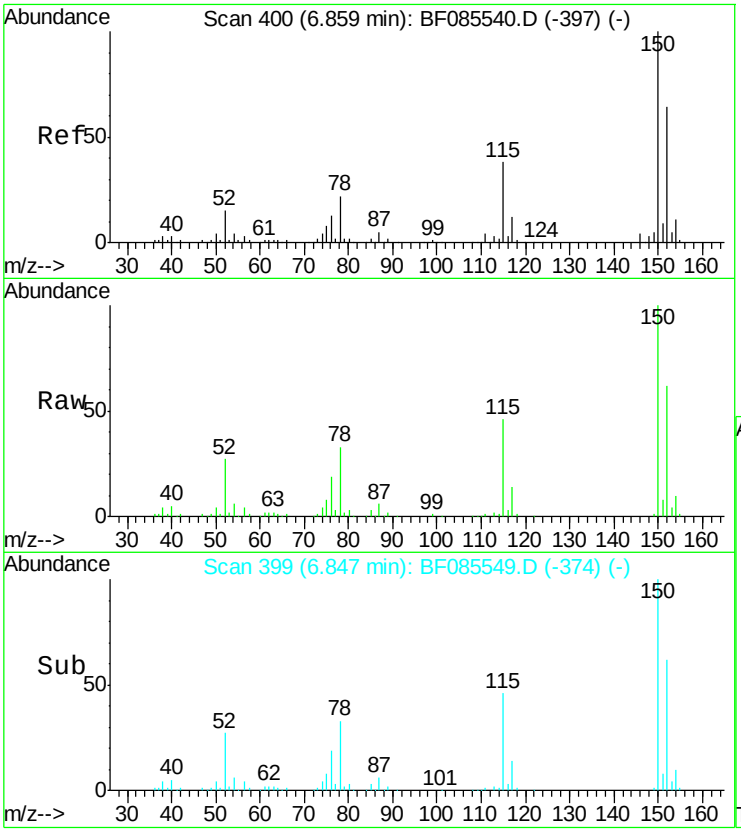
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085549.D
Acq On : 19 Mar 2016 2:53
Operator : UM/SJ
Sample : PB88949TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Quant Time: Mar 19 02:33:09 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



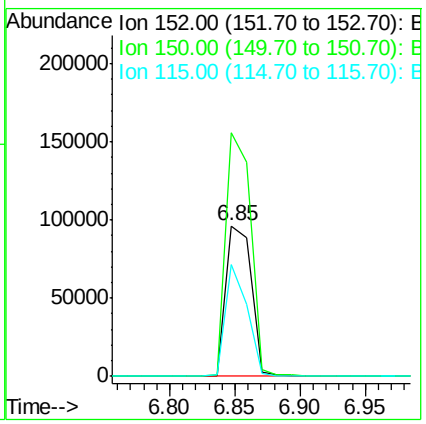


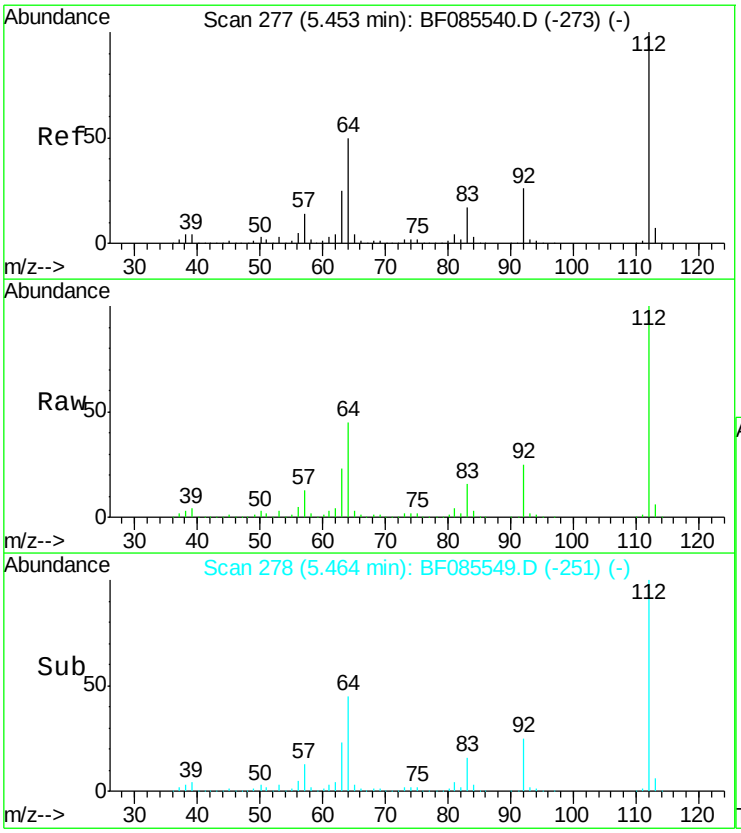
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:152 Resp: 130235

Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.2	186.2
115	74.4	47.0	70.6#

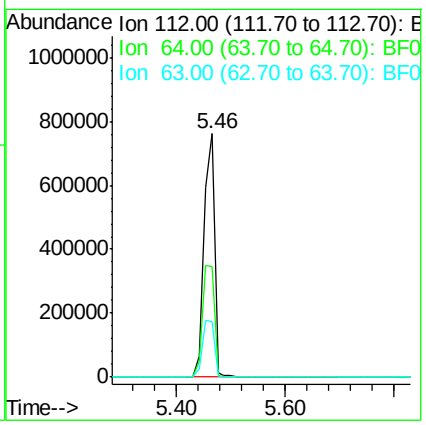


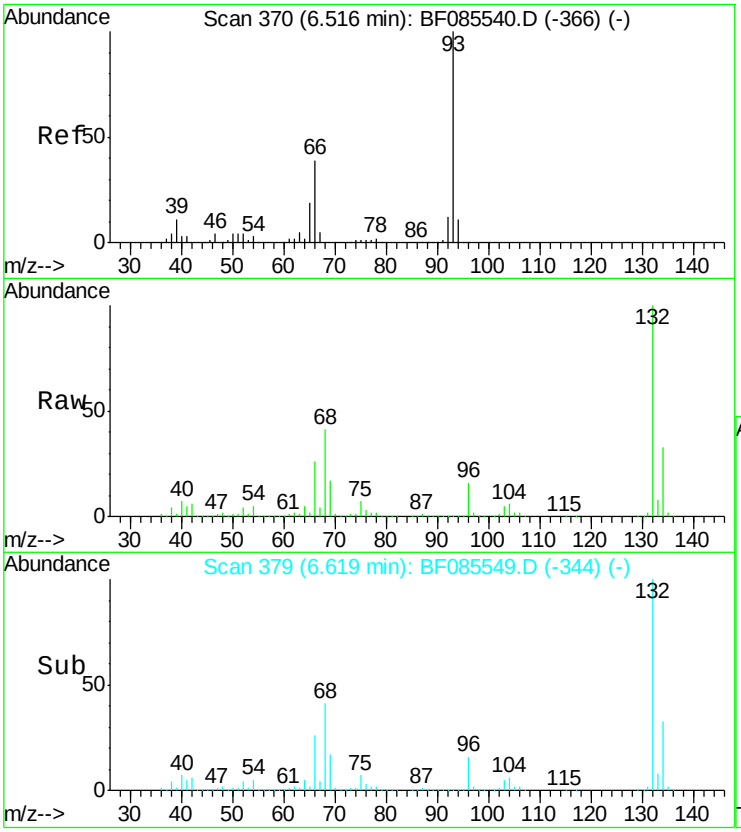


#5
2-Fluorophenol
Concen: 129.01 ng
RT: 5.46 min Scan# 278
Delta R.T. 0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:112 Resp: 1000284

Ion	Ratio	Lower	Upper
112	100		
64	45.2	39.9	59.9
63	22.6	20.2	30.2



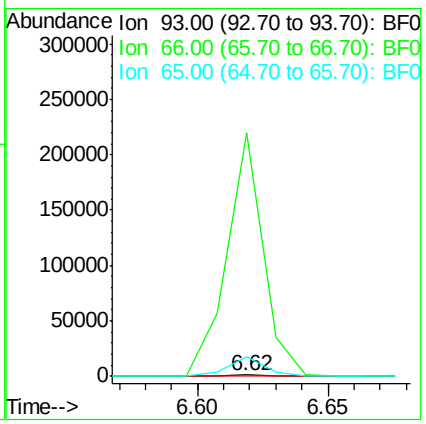


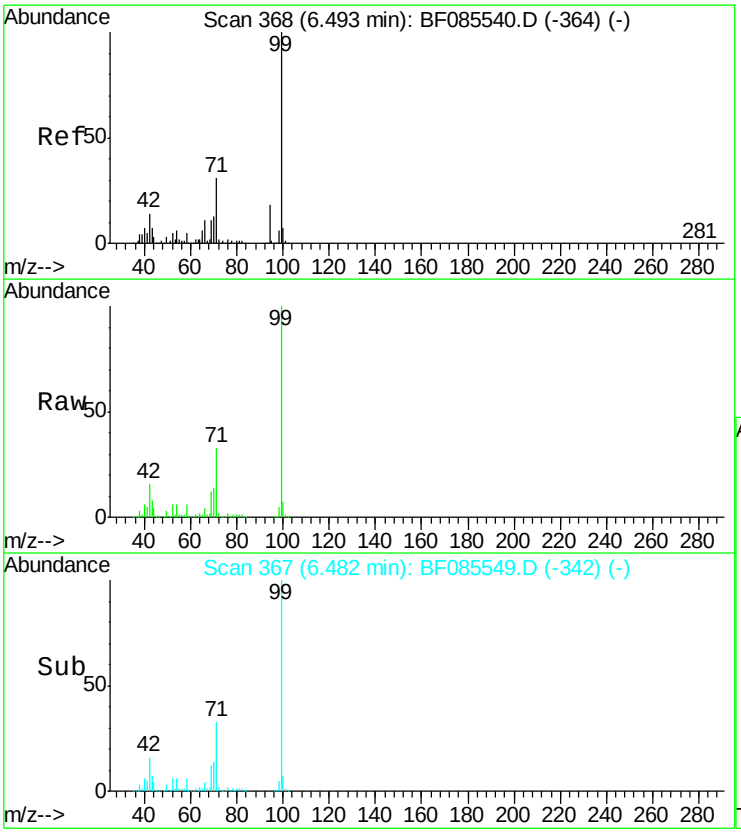
#6
Aniline
Concen: 0.08 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.10 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion: 93 Resp: 1123

Ion	Ratio	Lower	Upper
93	100		
66	17520.9	31.4	47.2#
65	1386.3	15.7	23.5#

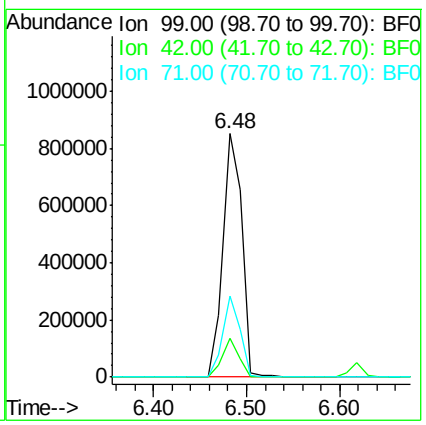


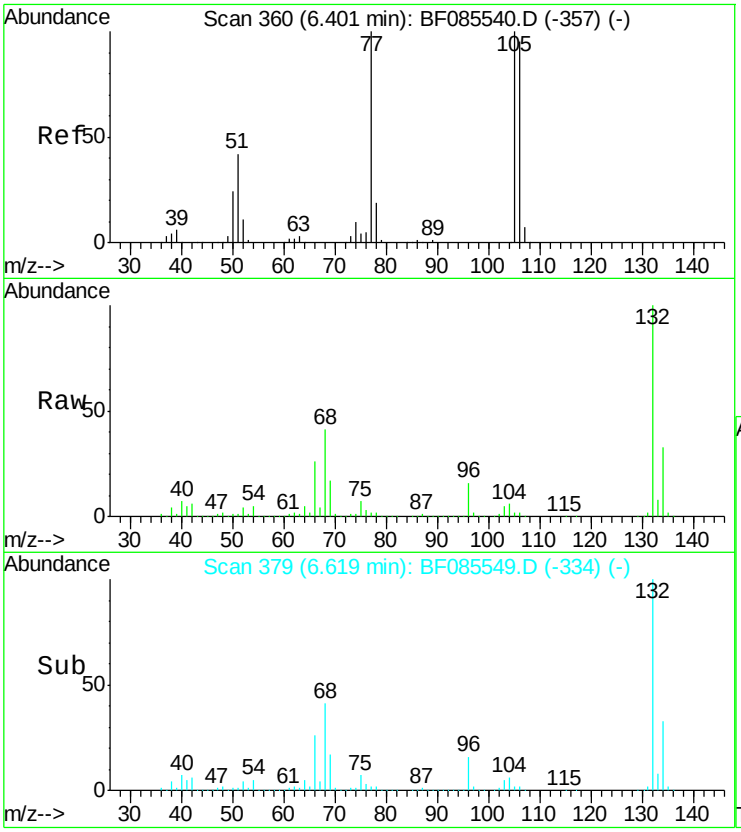


#7
Phenol-d6
Concen: 121.46 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion: 99 Resp: 1207808

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.1	16.7
71	33.4	24.9	37.3



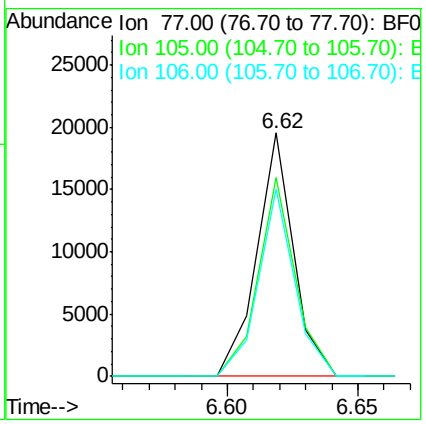


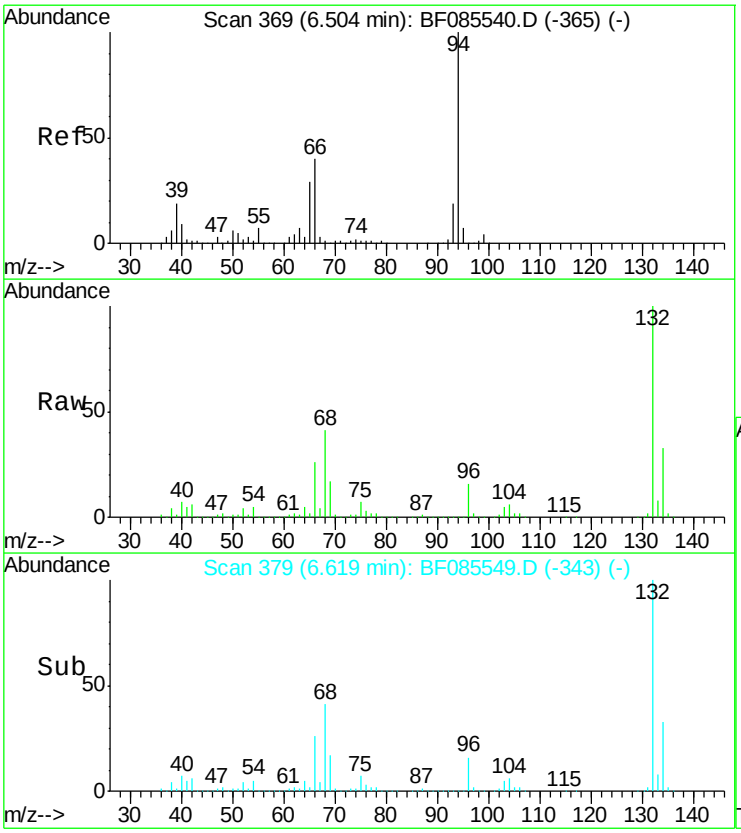
#9
Benzaldehyde
Concen: 1.98 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.22 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion: 77 Resp: 19290

Ion	Ratio	Lower	Upper
77	100		
105	81.8	80.1	120.1
106	76.7	75.0	115.0

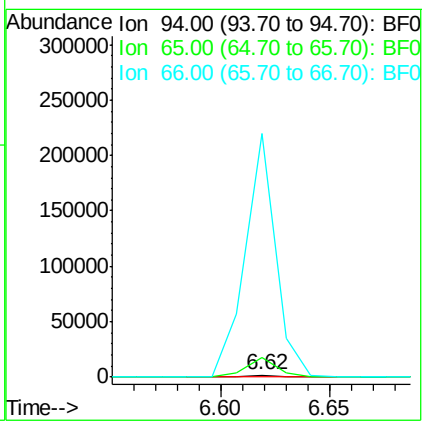


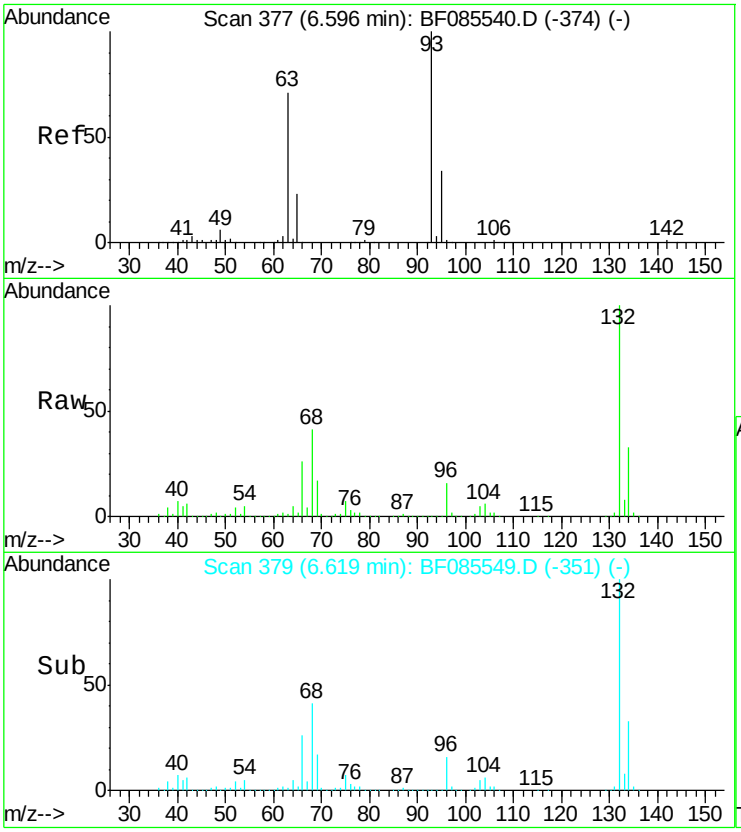


#10
Phenol
Concen: 0.15 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.11 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion: 94 Resp: 1682

Ion	Ratio	Lower	Upper
94	100		
65	1040.3	8.6	48.6#
66	13148.5	20.0	60.0#



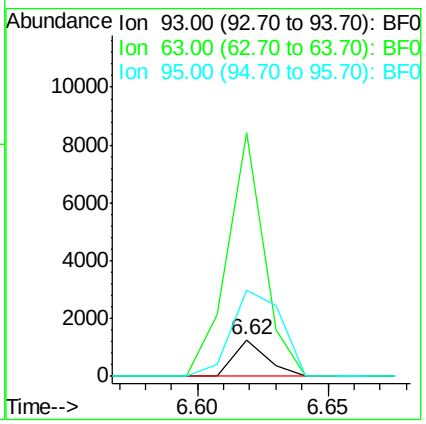


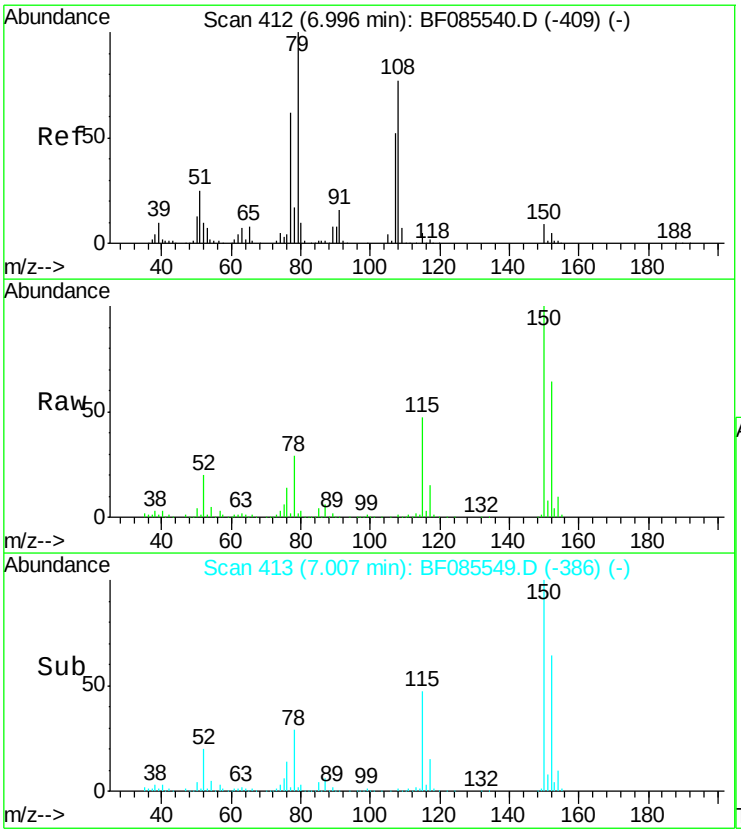
#11
bis(2-Chloroethyl)ether
Concen: 0.13 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.02 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion: 93 Resp: 1123

Ion	Ratio	Lower	Upper
93	100		
63	671.6	50.9	90.9#
95	238.6	13.3	53.3#

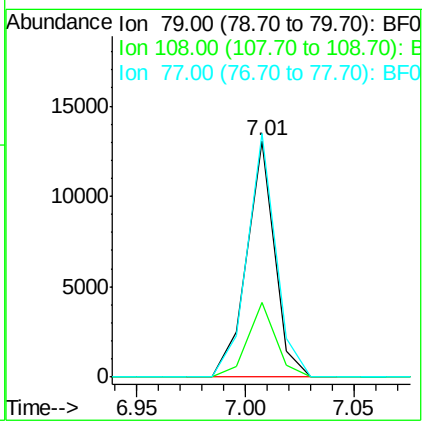


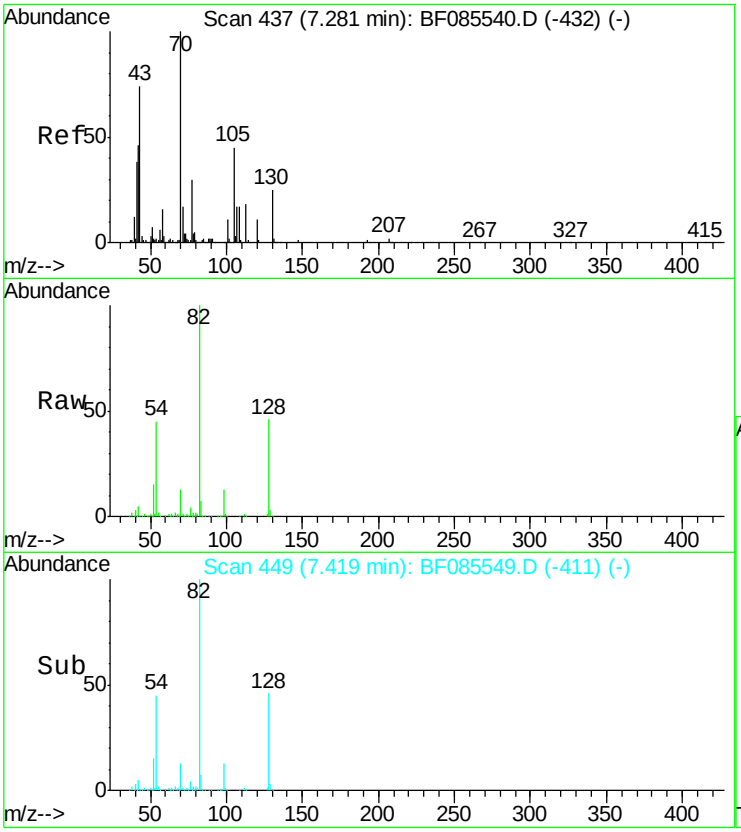


#15
Benzyl Alcohol
Concen: 1.72 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion: 79 Resp: 11709

Ion	Ratio	Lower	Upper
79	100		
108	31.6	61.8	92.6#
77	103.0	49.6	74.4#



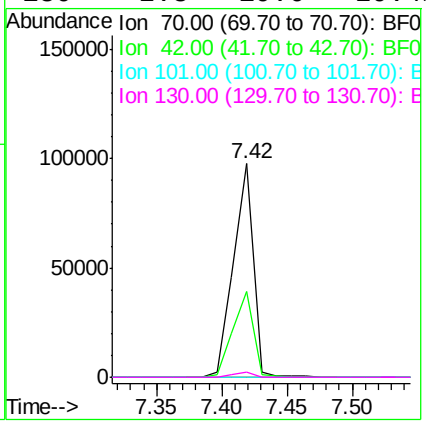


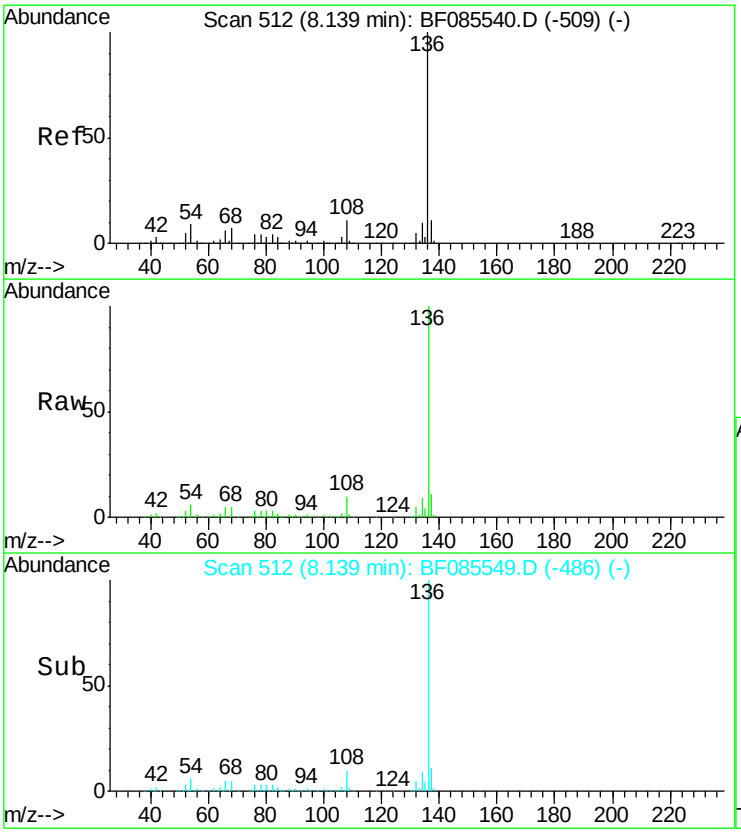
#19
n-Nitroso-di-n-propylamine
Concen: 17.28 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion: 70 Resp: 102636

Ion	Ratio	Lower	Upper
70	100		
42	40.0	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#

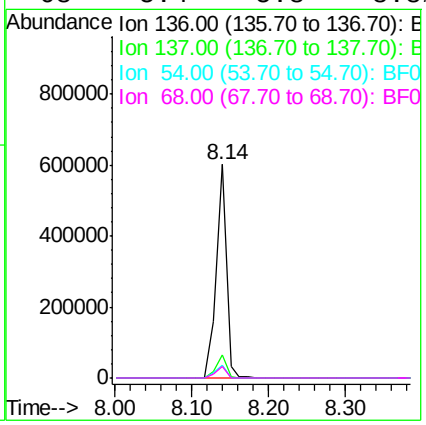


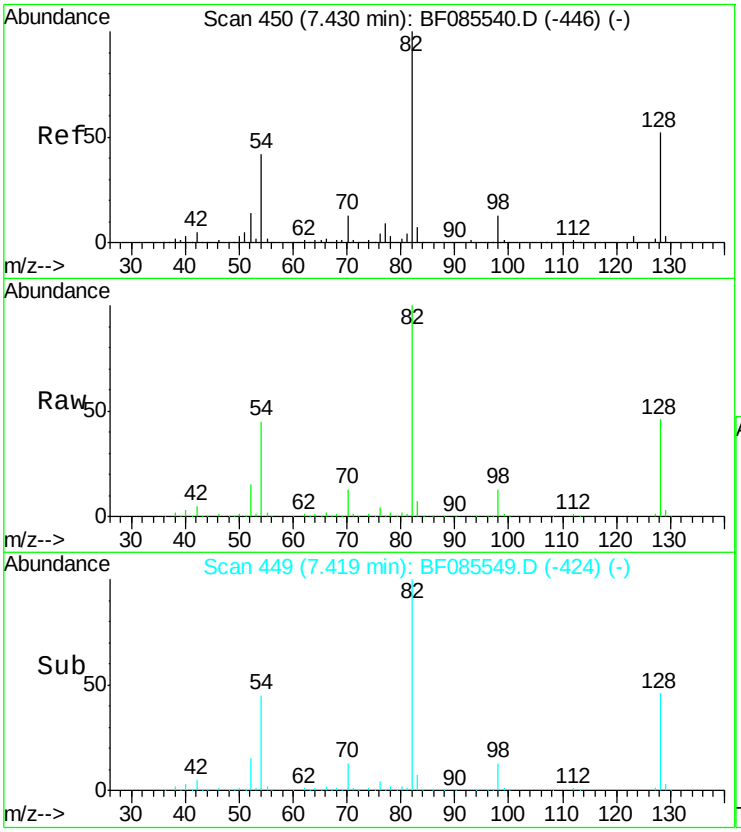


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:136 Resp: 553462

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.2	7.4	11.0#
68	5.4	5.8	8.8#



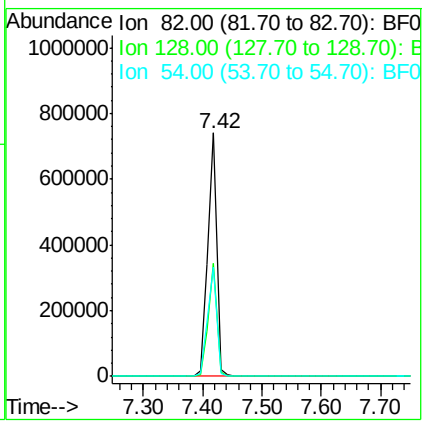


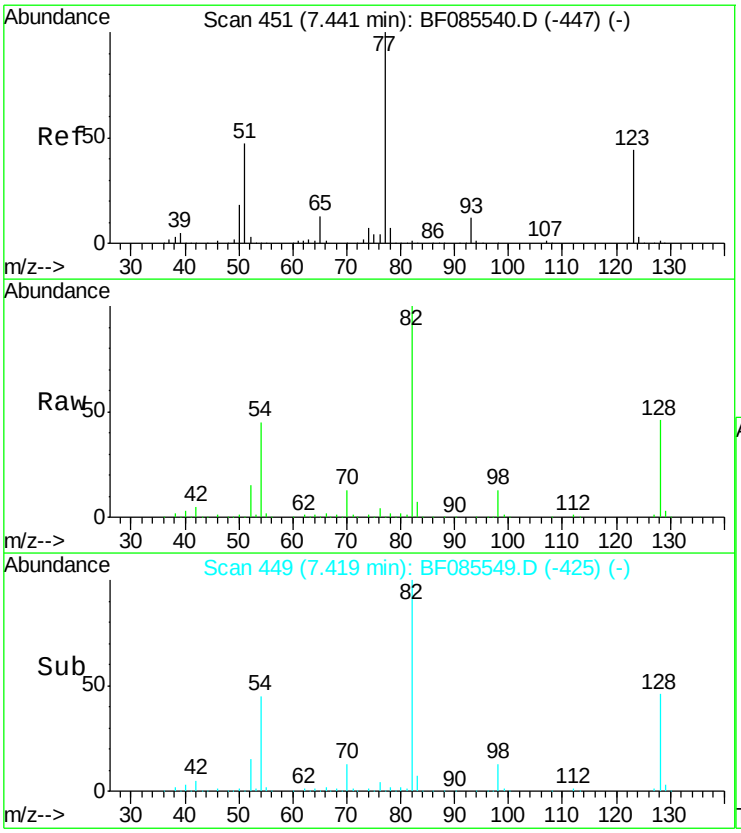
#23
Nitrobenzene-d5
Concen: 81.70 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion: 82 Resp: 779028

Ion	Ratio	Lower	Upper
82	100		
128	46.3	41.8	62.8
54	44.9	33.4	50.0

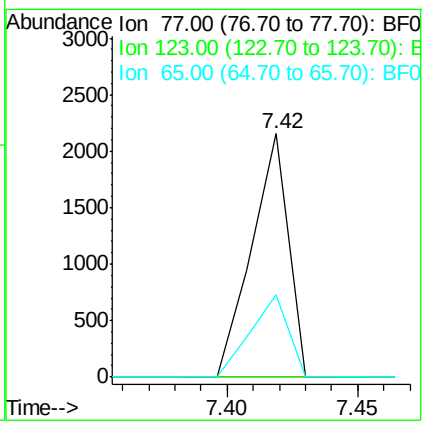


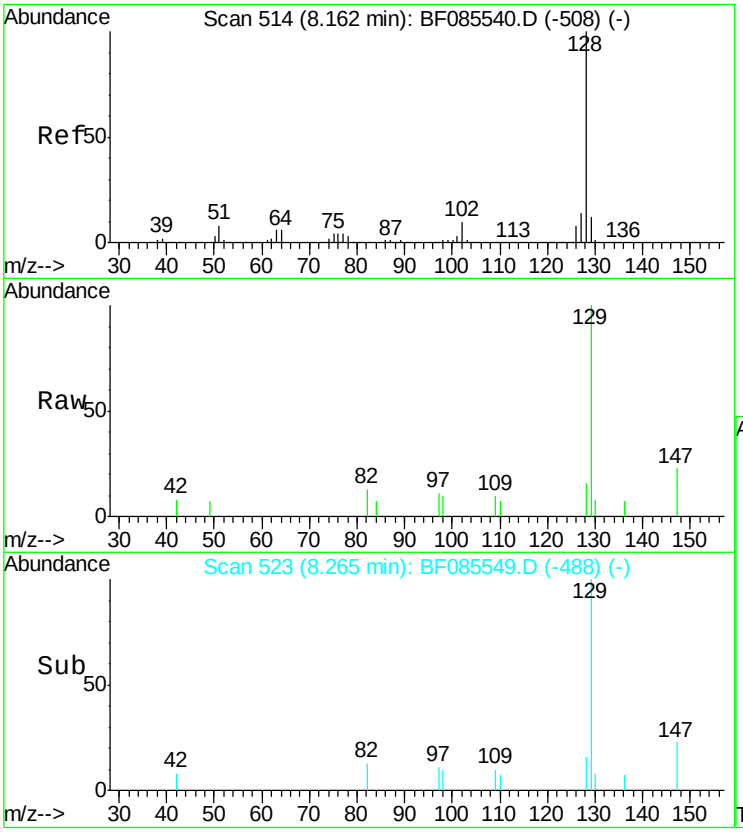


#24
Nitrobenzene
Concen: 0.20 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion: 77 Resp: 2129

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	34.0	10.6	16.0#



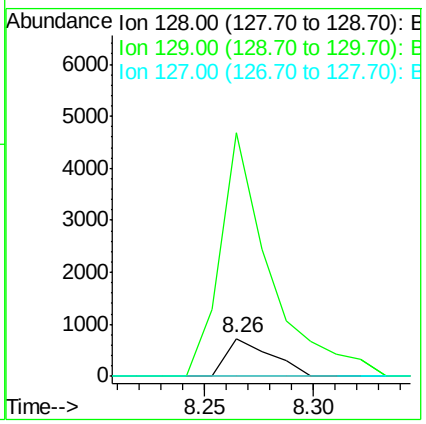


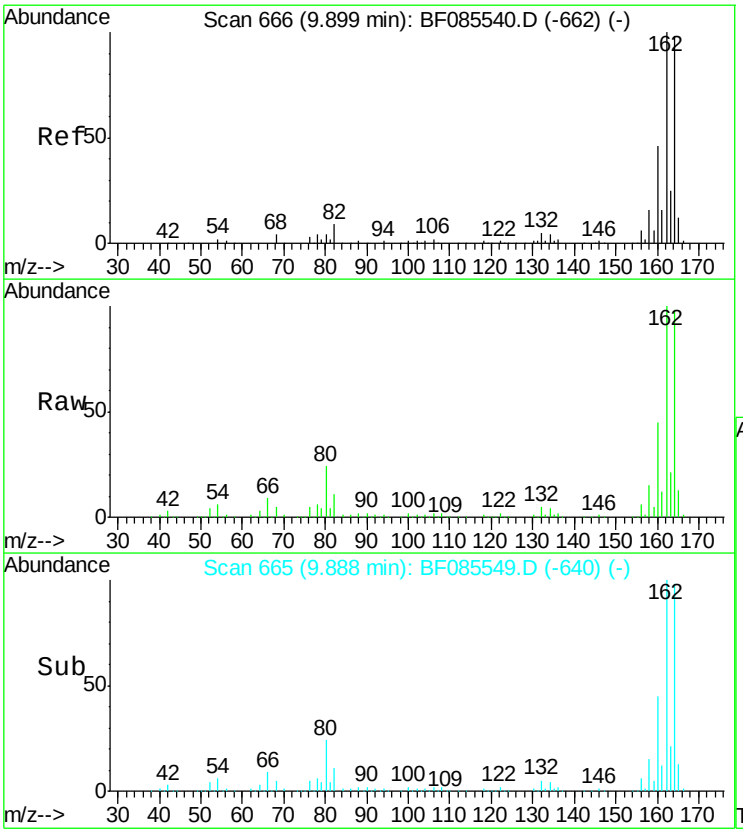
#31
Naphthalene
Concen: 0.04 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.10 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:128 Resp: 1039

Ion	Ratio	Lower	Upper
128	100		
129	642.4	9.4	14.0#
127	0.0	11.0	16.6#

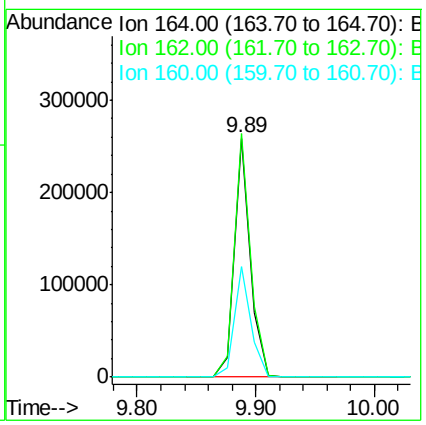


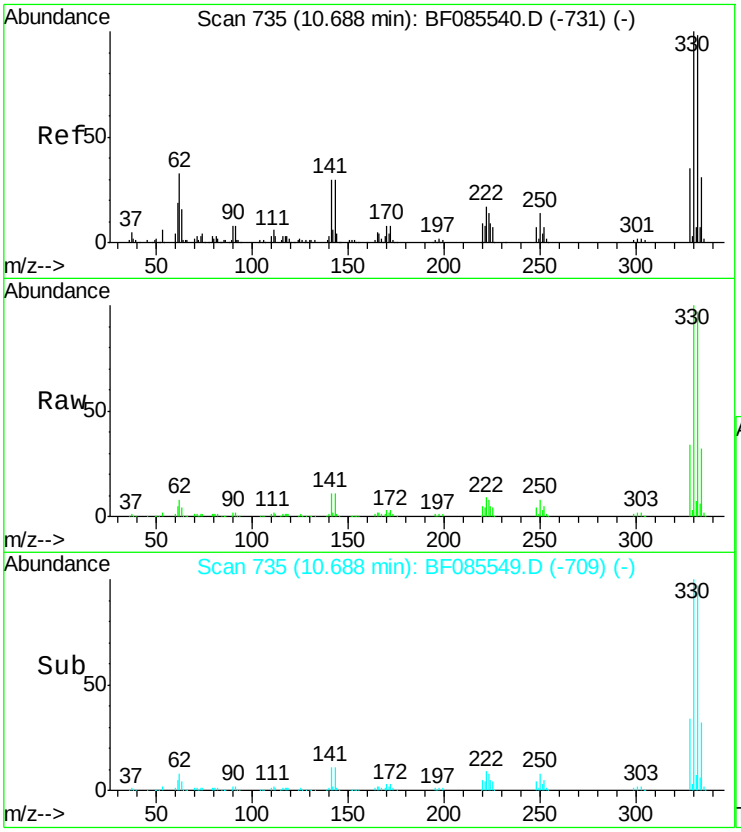


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:164 Resp: 242630

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.1	123.1
160	46.1	37.4	56.2



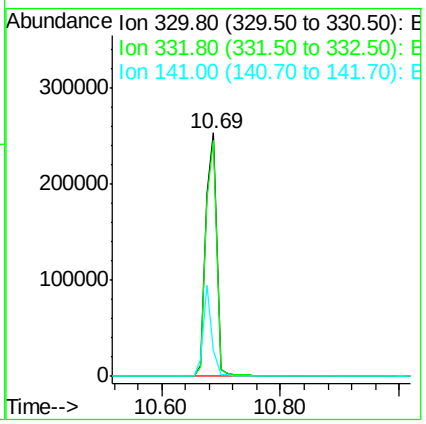


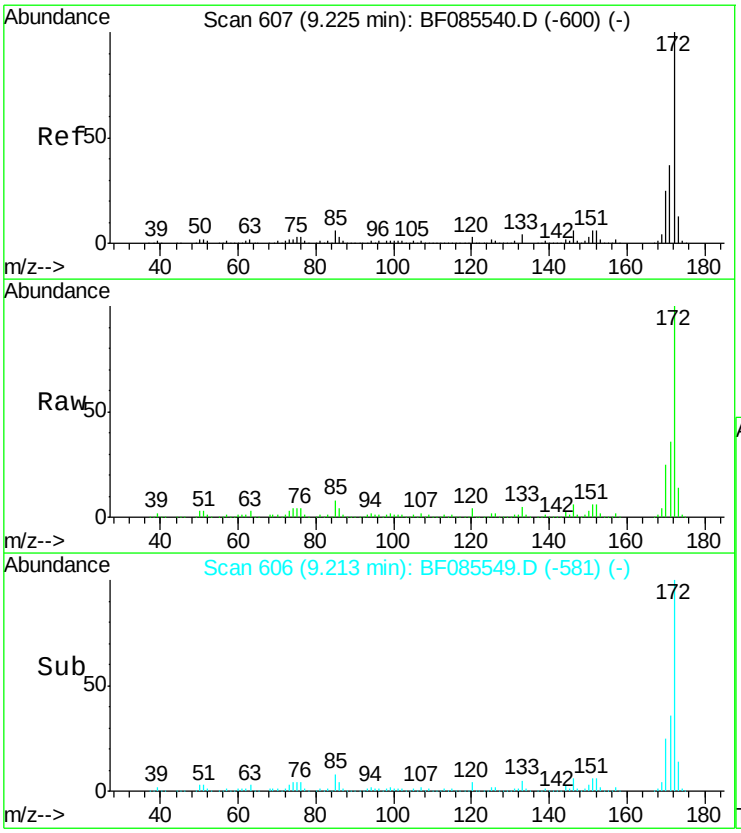
#41
2,4,6-Tribromophenol
Concen: 136.75 ng
RT: 10.69 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:330 Resp: 325016

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	31.1	31.5	47.3#

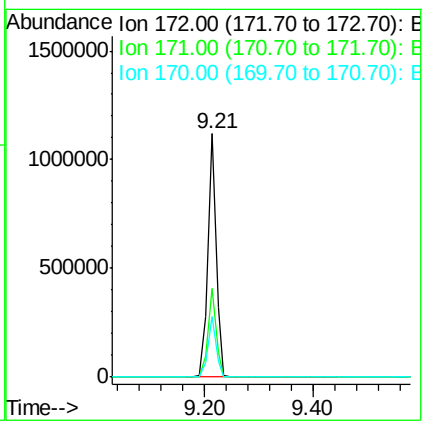


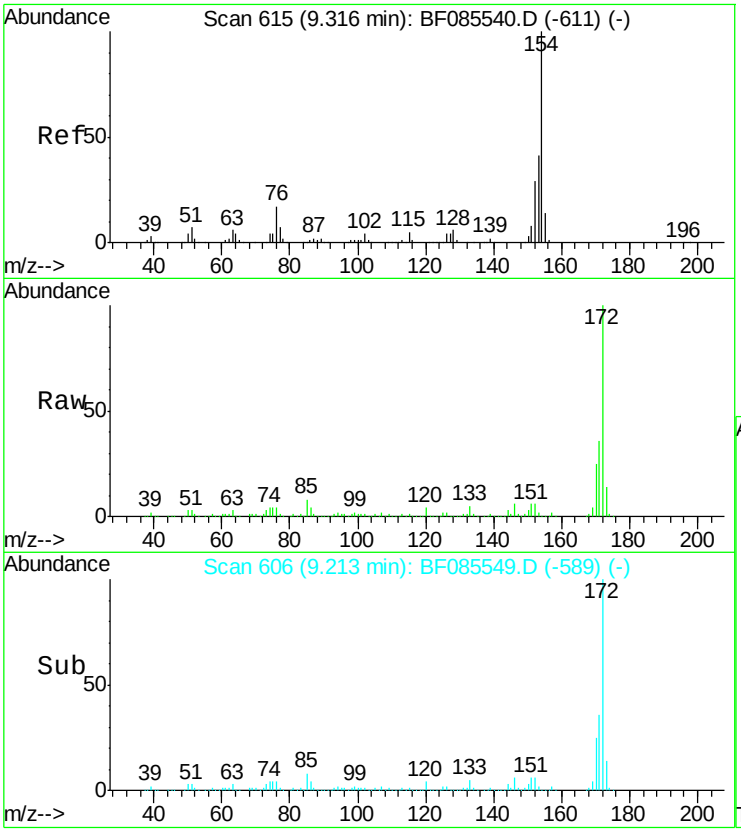


#44
2-Fluorobiphenyl
Concen: 83.83 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:172 Resp: 1196497

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.8	19.8	29.6



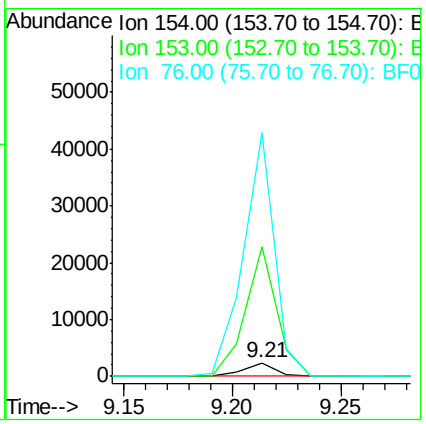


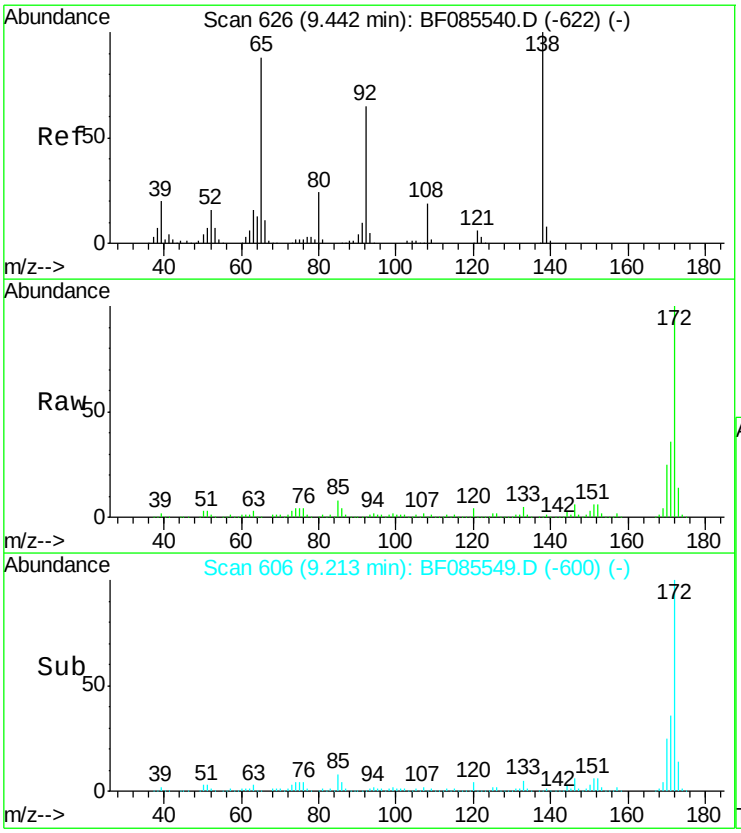
#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.10 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:154 Resp: 2416

Ion	Ratio	Lower	Upper
154	100		
153	943.4	20.8	60.8#
76	1773.8	0.0	36.7#

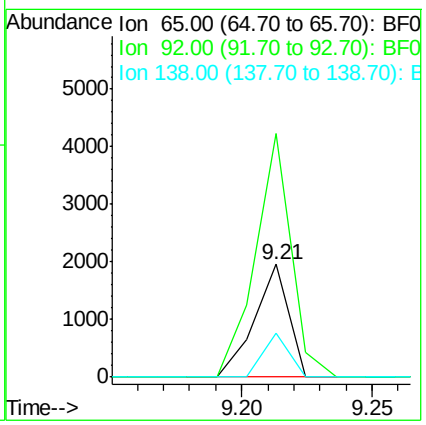


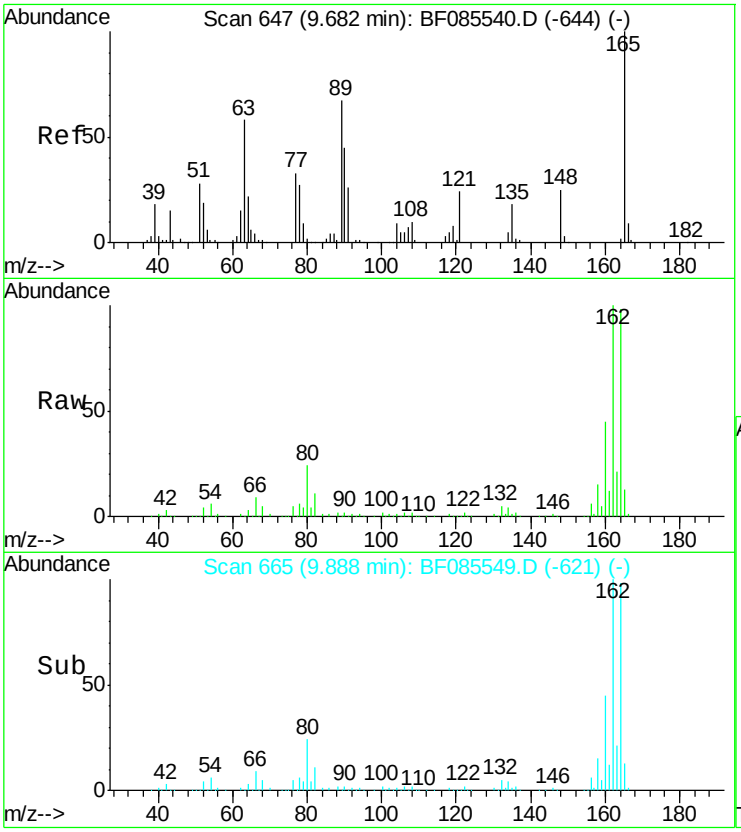


#47
2-Nitroaniline
Concen: 0.39 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.23 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion: 65 Resp: 1787

Ion	Ratio	Lower	Upper
65	100		
92	215.7	59.7	89.5#
138	38.4	91.4	137.0#



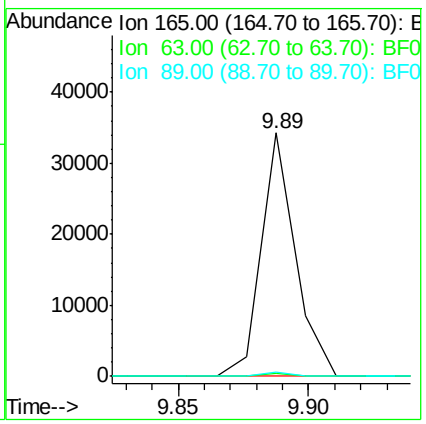


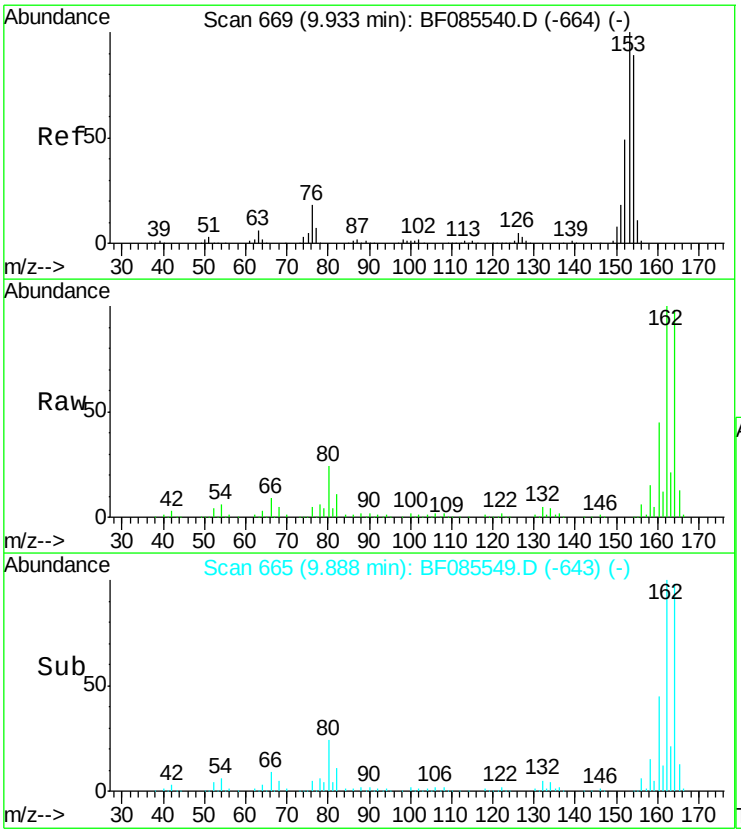
#50
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.21 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:165 Resp: 31255

Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	1.8	53.7	80.5#

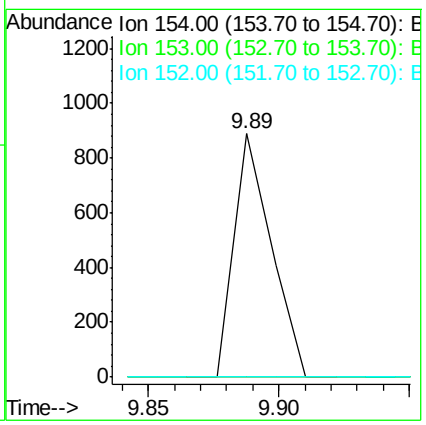


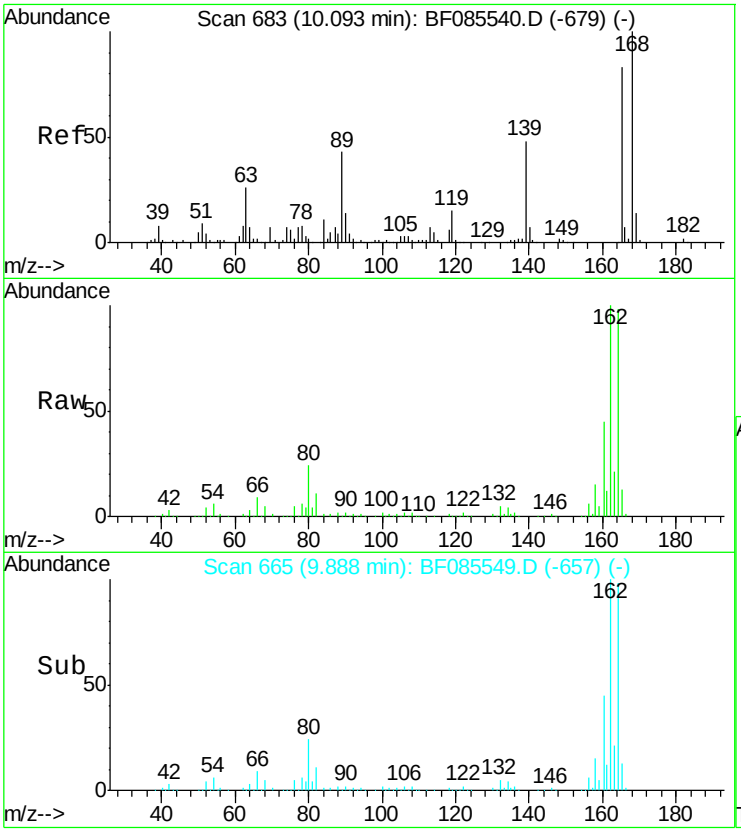


#51
Acenaphthene
Concen: 0.06 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:154 Resp: 888

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	44.2	66.2#



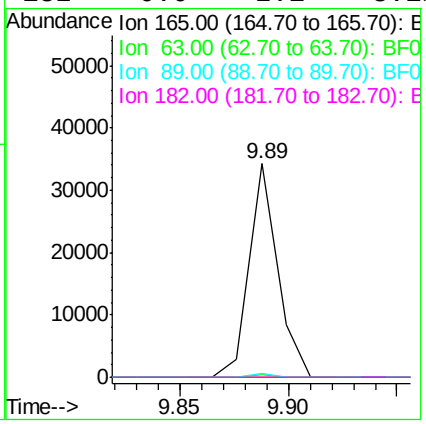


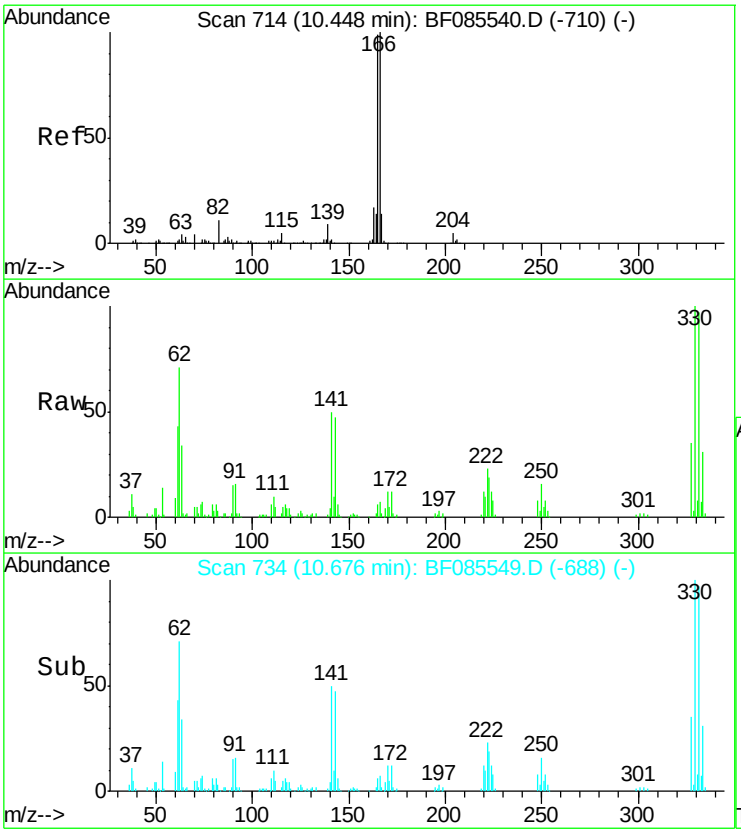
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:165 Resp: 31256

Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

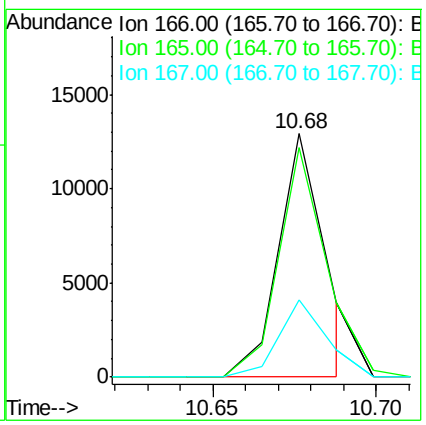


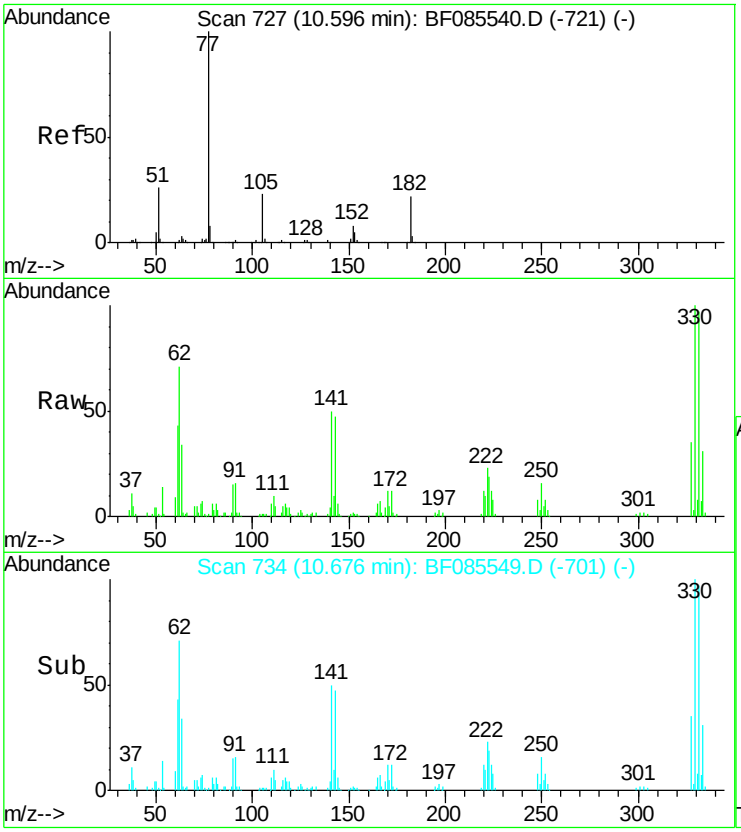


#57
Fluorene
Concen: 0.82 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.23 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:166 Resp: 12852

Ion	Ratio	Lower	Upper
166	100		
165	94.3	79.4	119.0
167	31.5	11.0	16.4#



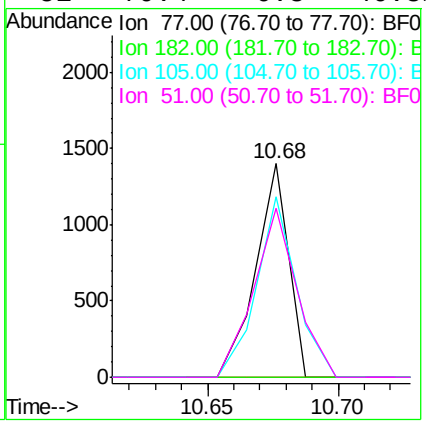


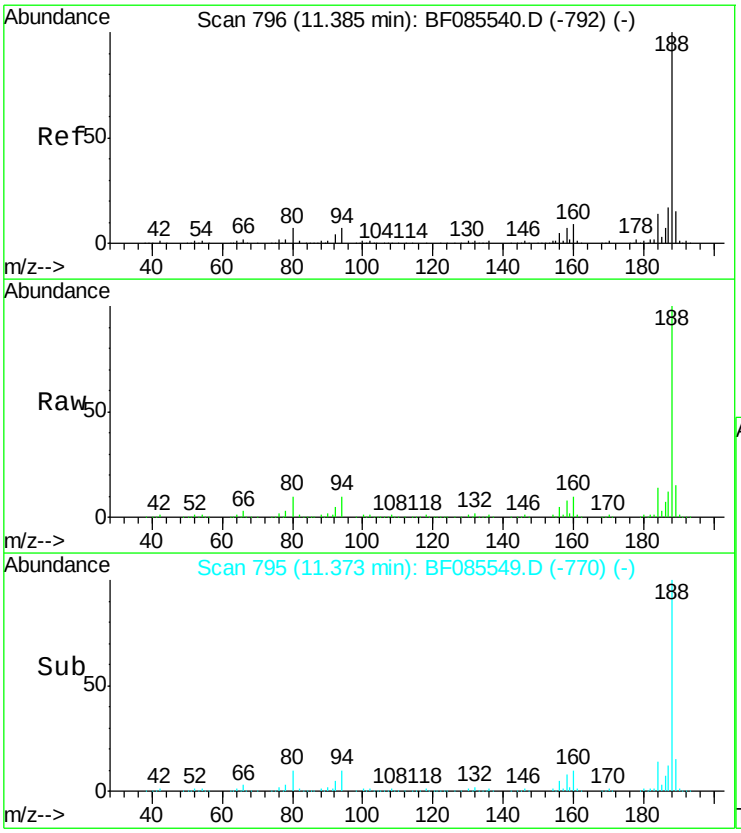
#62
Azobenzene
Concen: 0.07 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.08 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion: 77 Resp: 1239

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.9	41.9#
105	84.7	3.5	43.5#
51	79.4	6.3	46.3#

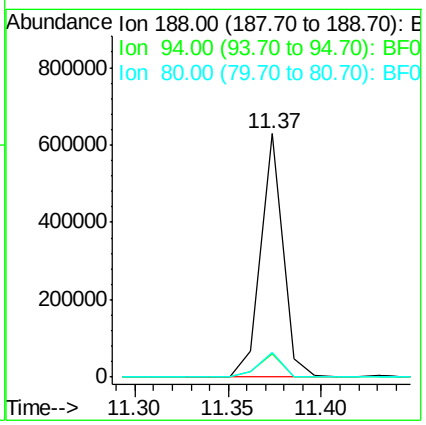


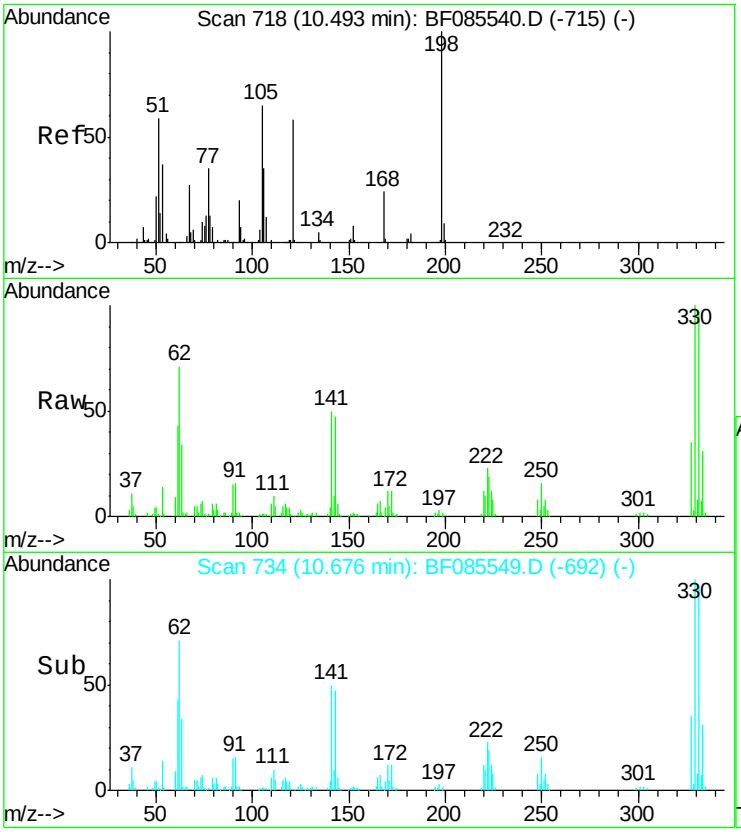


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:188 Resp: 516141

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	10.2	5.5	8.3#



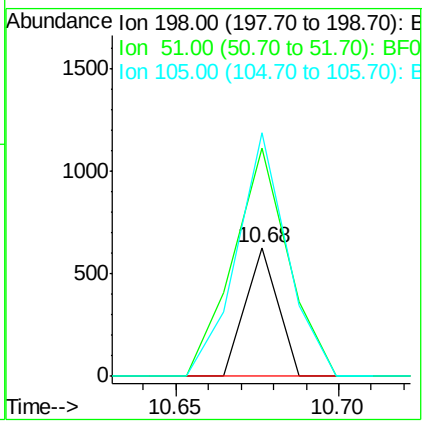


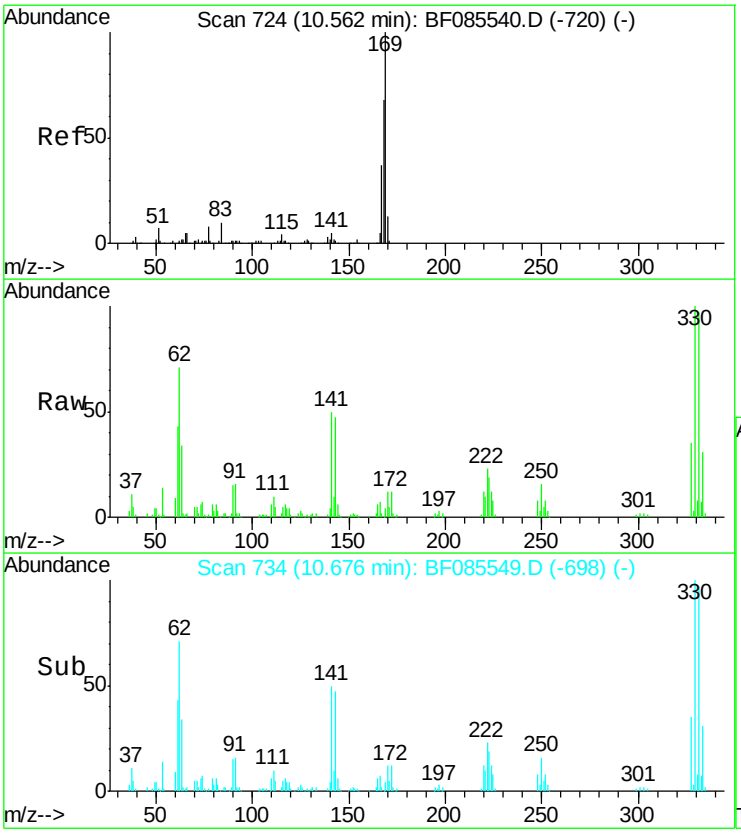
#64
4,6-Dinitro-2-methylphenol
Concen: 0.13 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.18 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:198 Resp: 429

Ion	Ratio	Lower	Upper
198	100		
51	177.9	45.4	85.4#
105	189.8	45.9	85.9#

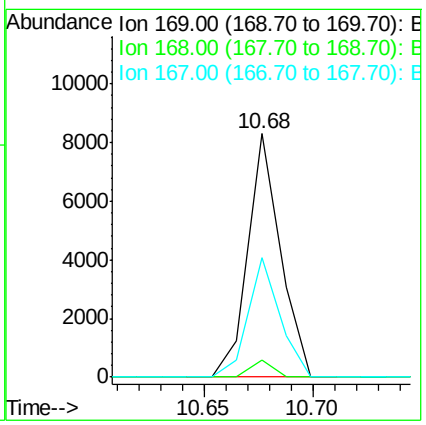


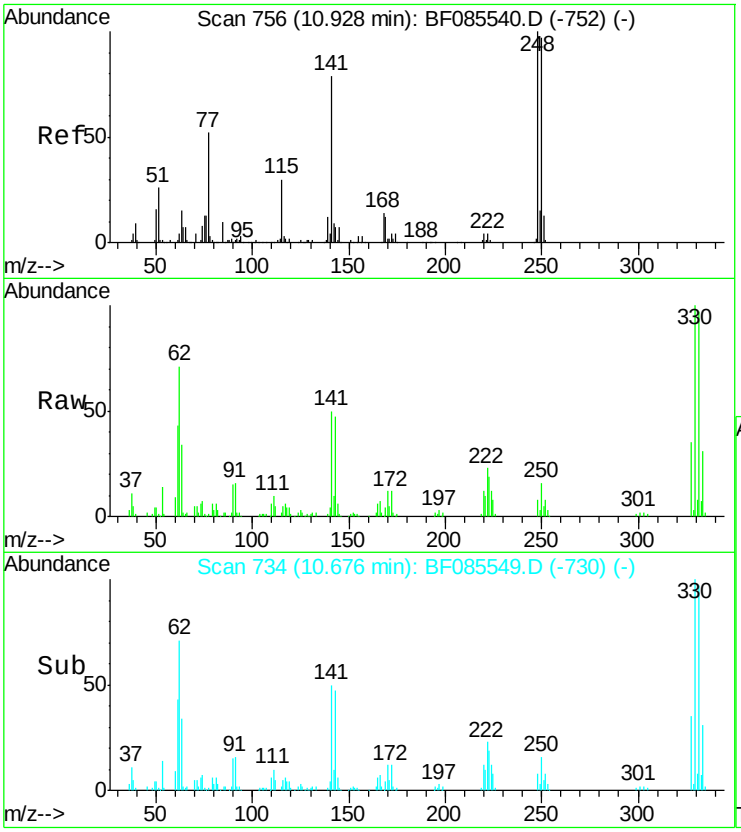


#65
n-Nitrosodiphenylamine
Concen: 0.54 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.11 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:169 Resp: 8641

Ion	Ratio	Lower	Upper
169	100		
168	6.8	54.4	81.6#
167	49.1	29.4	44.0#



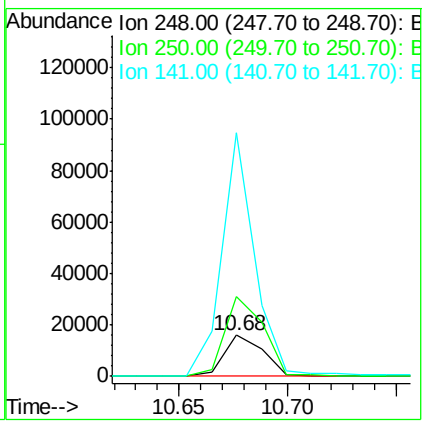


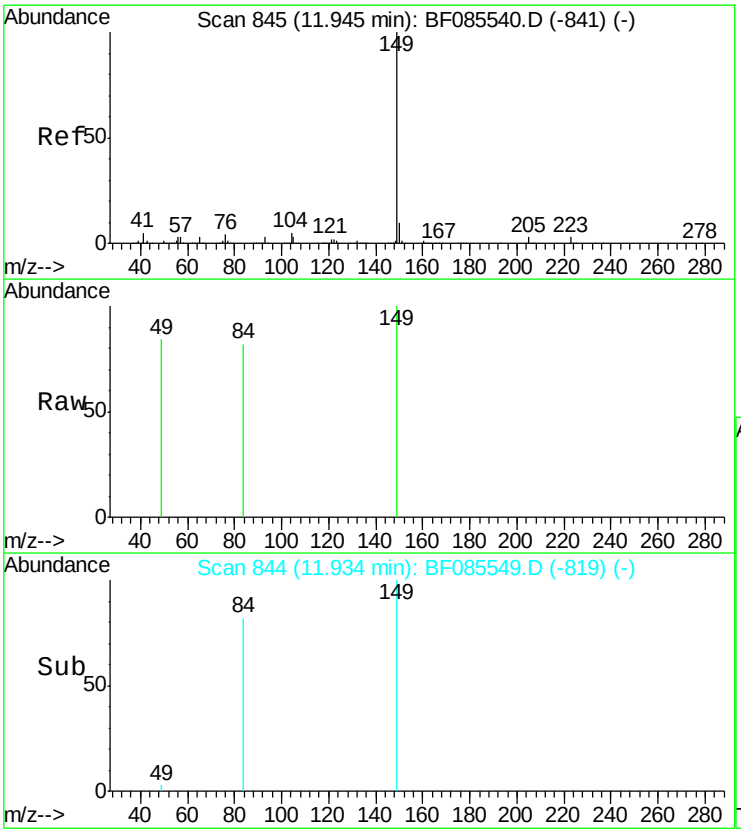
#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:248 Resp: 19773

Ion	Ratio	Lower	Upper
248	100		
250	193.9	77.4	116.0#
141	589.6	63.6	95.4#

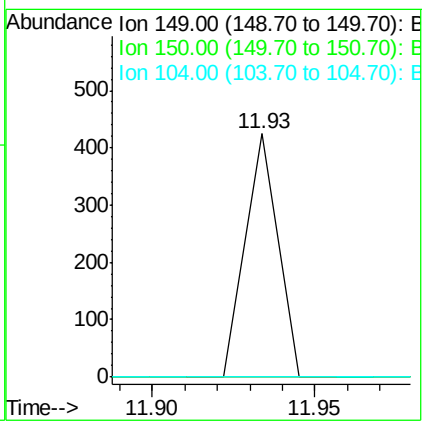


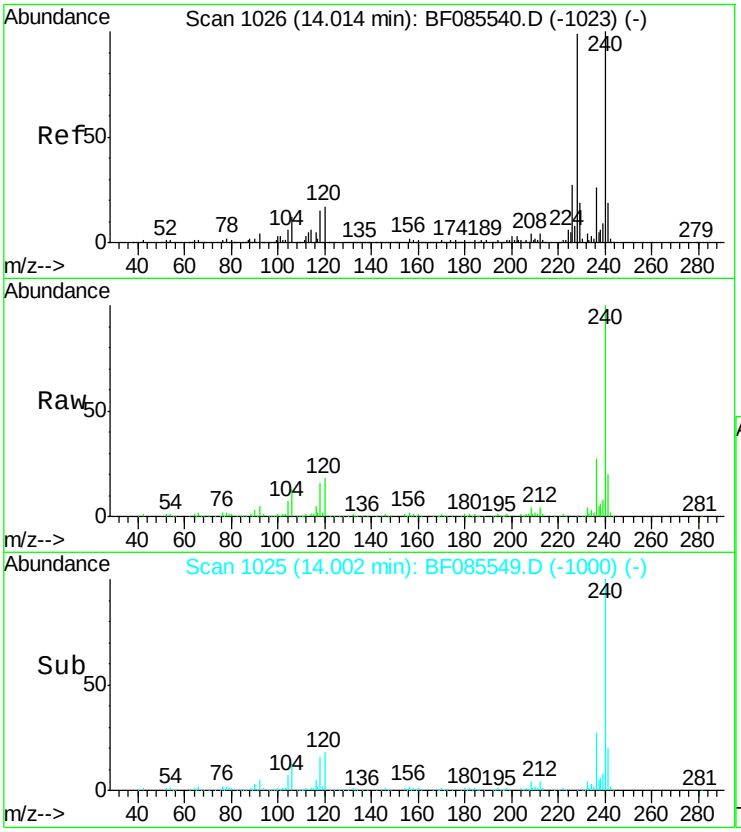


#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 11.93 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:149 Resp: 291

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.6	11.4#
104	0.0	3.8	5.8#



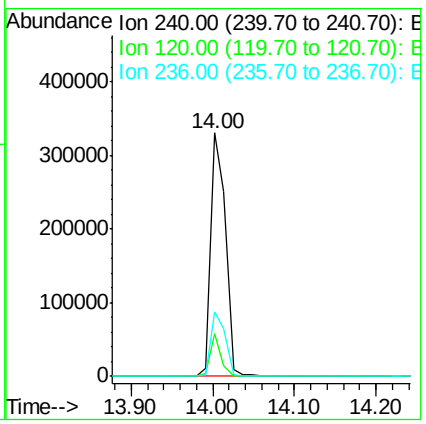


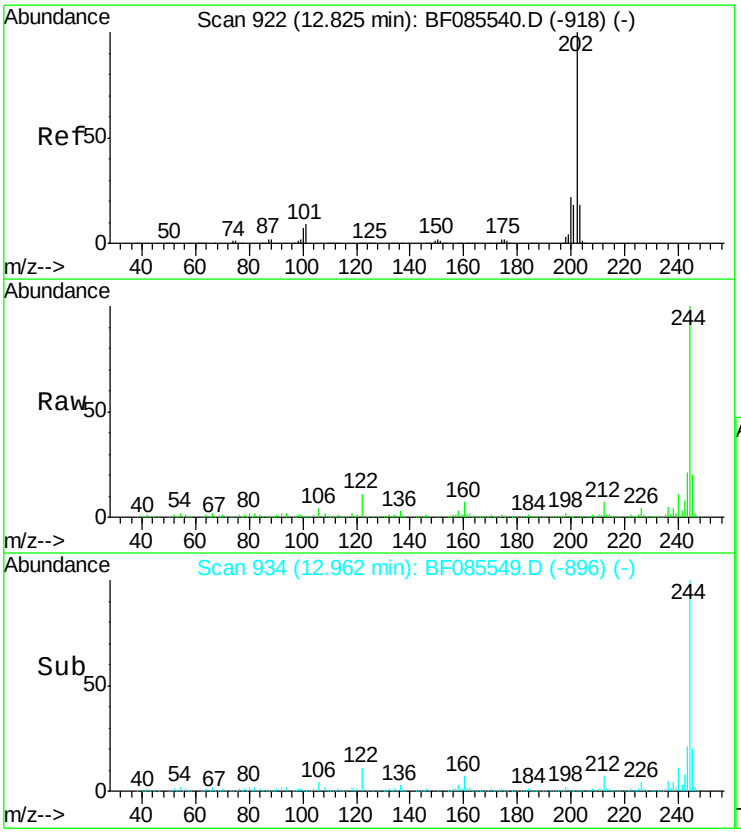
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:240 Resp: 418491

Ion	Ratio	Lower	Upper
240	100		
120	17.7	13.8	20.8
236	26.6	20.6	30.8

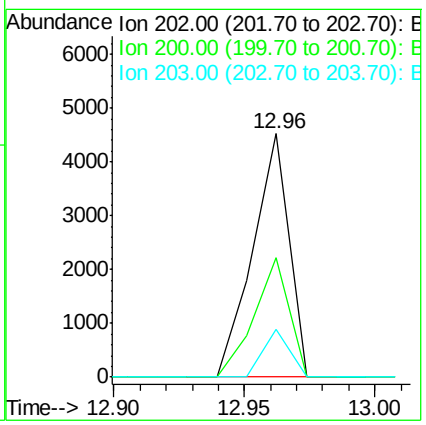


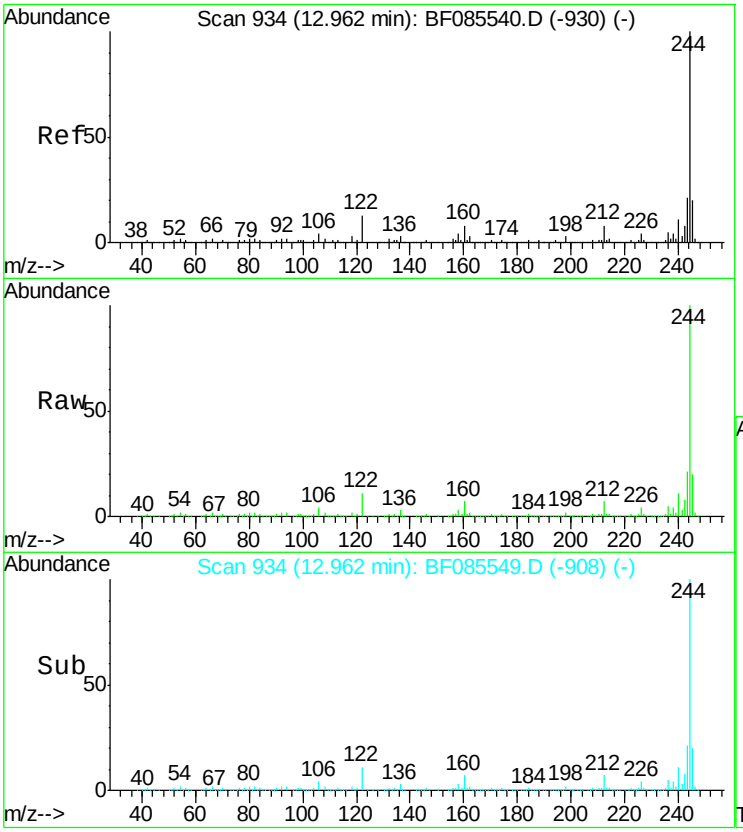


#77
Pyrene
Concen: 0.14 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.14 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:202 Resp: 4336

Ion	Ratio	Lower	Upper
202	100		
200	49.0	17.6	26.4#
203	19.7	14.0	21.0



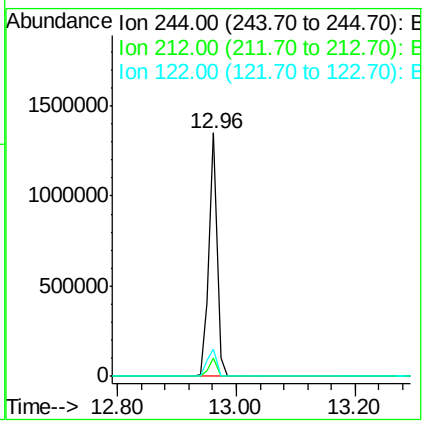


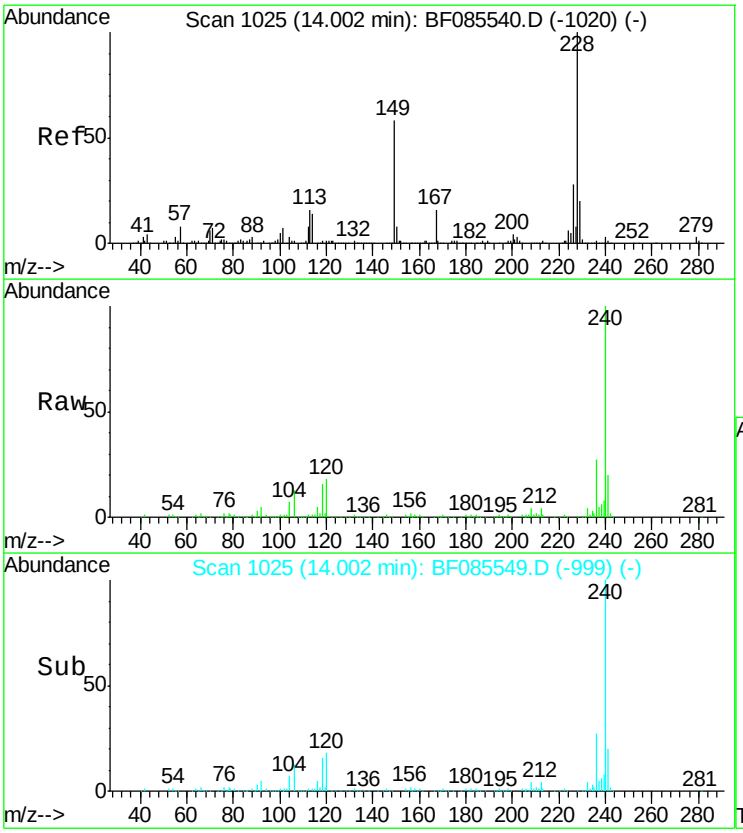
#78
Terphenyl-d14
Concen: 74.31 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:244 Resp: 1292293

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.3	10.2	15.4

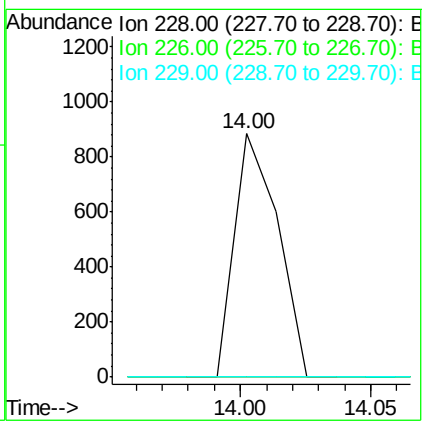


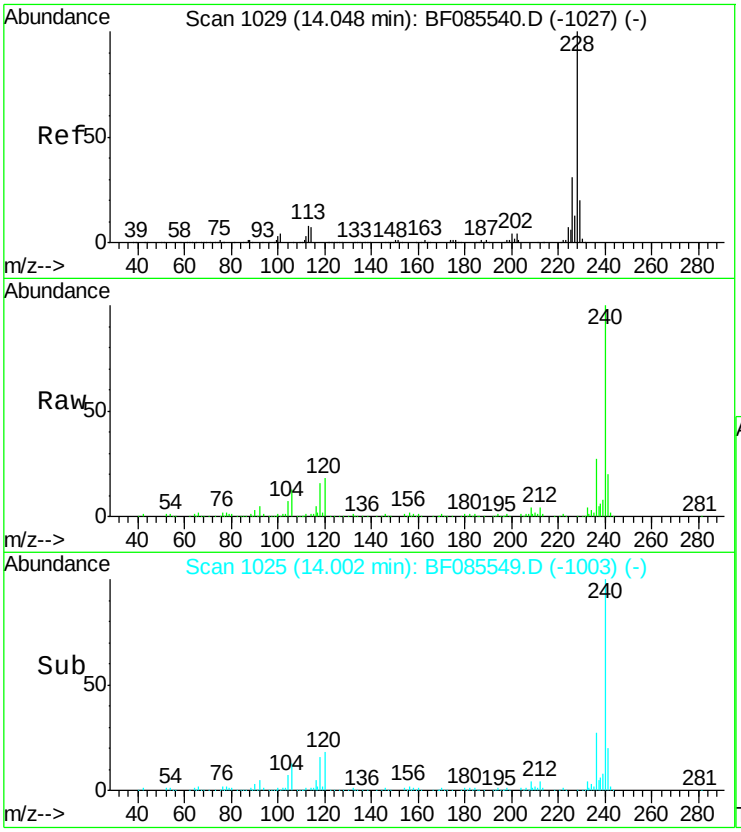


#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:228 Resp: 1019

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.1	33.1#
229	0.0	16.2	24.4#



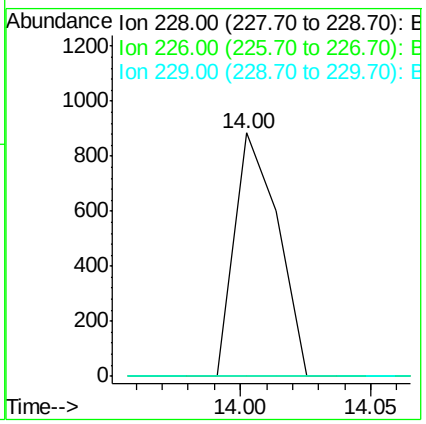


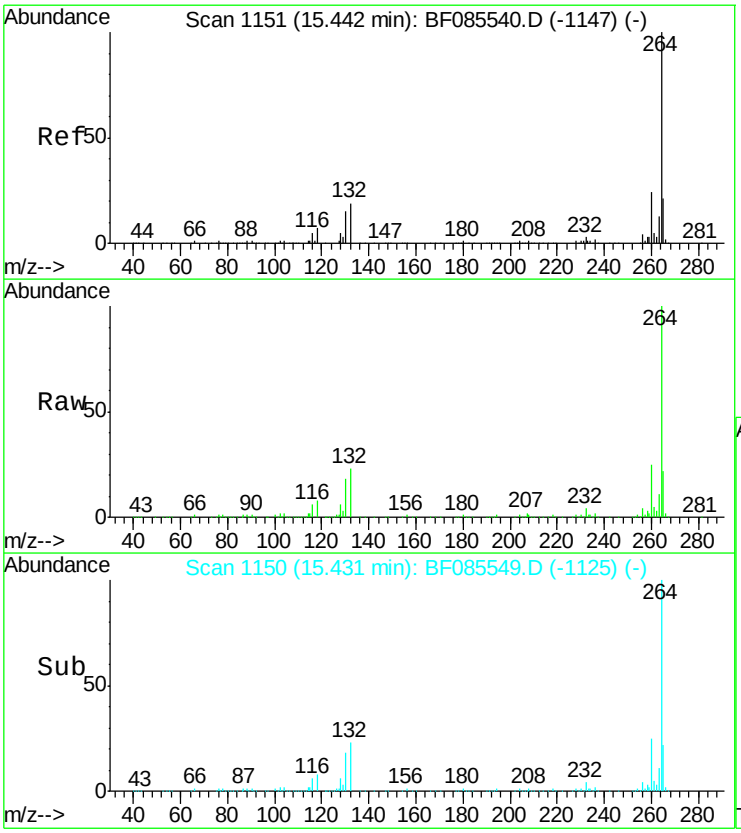
#82
Chrysene
Concen: 0.04 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:228 Resp: 1019

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	0.0	15.7	23.5#

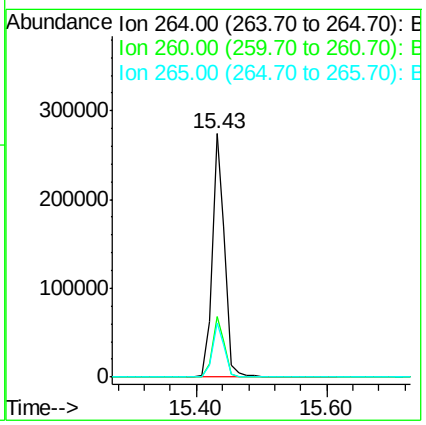


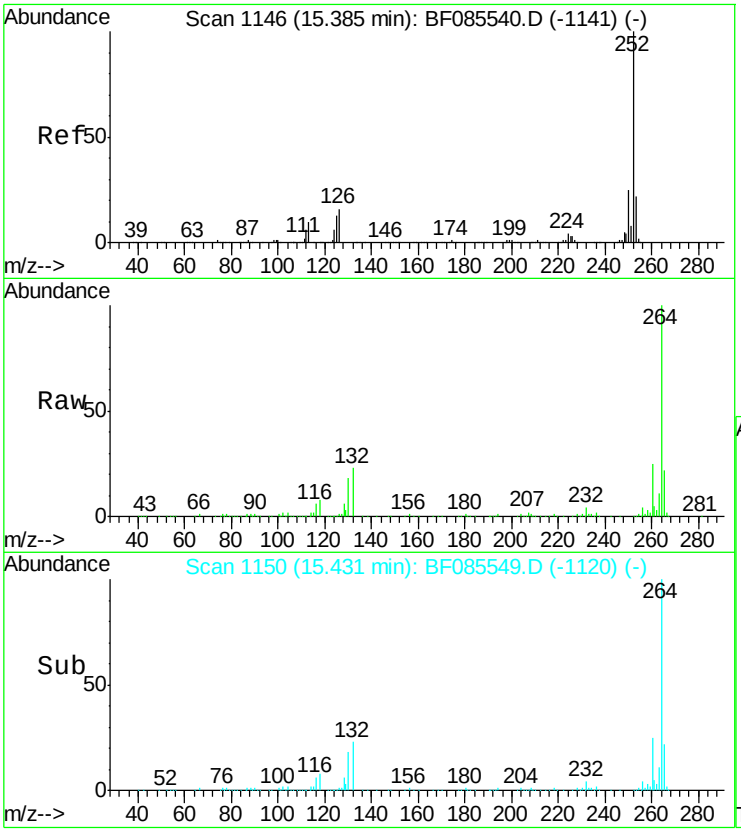


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:264 Resp: 366090

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.1	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.43 min Scan# 1150
Delta R.T. 0.05 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:252 Resp: 955

Ion	Ratio	Lower	Upper
252	100		
253	42.4	17.4	26.0#
125	41.4	10.3	15.5#