Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085956.D
Acq On : 1 Apr 2016 5:00
Operator : UM/SJ
Sample : H2046-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-31(0.5-15.0COMP)

Quant Time: Apr 01 04:22:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106716	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	419893	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	184925	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	321008	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	197428	20.00	ng		-0.02
86) Perylene-d12	15.36	264	194925	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	928950	144.97	ng		0.00
7) Phenol-d6	6.44	99	1169250	143.52	ng		-0.01
23) Nitrobenzene-d5	7.36	82	731750	98.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	235692	134.14	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1129767	102.07	ng		-0.01
78) Terphenyl-d14	12.89	244	747928	77.91	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	20709	4.22	ng		90
19) n-Nitroso-di-n-propylamine	7.36	70	96035	19.69	ng	#	73
25) Isophorone	7.36	82	711765	49.55	ng	#	68
49) Dimethylphthalate	9.54	163	170733	12.17	ng		99
56) 2,4-Dinitrotoluene	9.83	165	23496	6.12	ng	#	36
66) 4-Bromophenyl-phenylether	10.62	248	15969	4.86	ng	#	1

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

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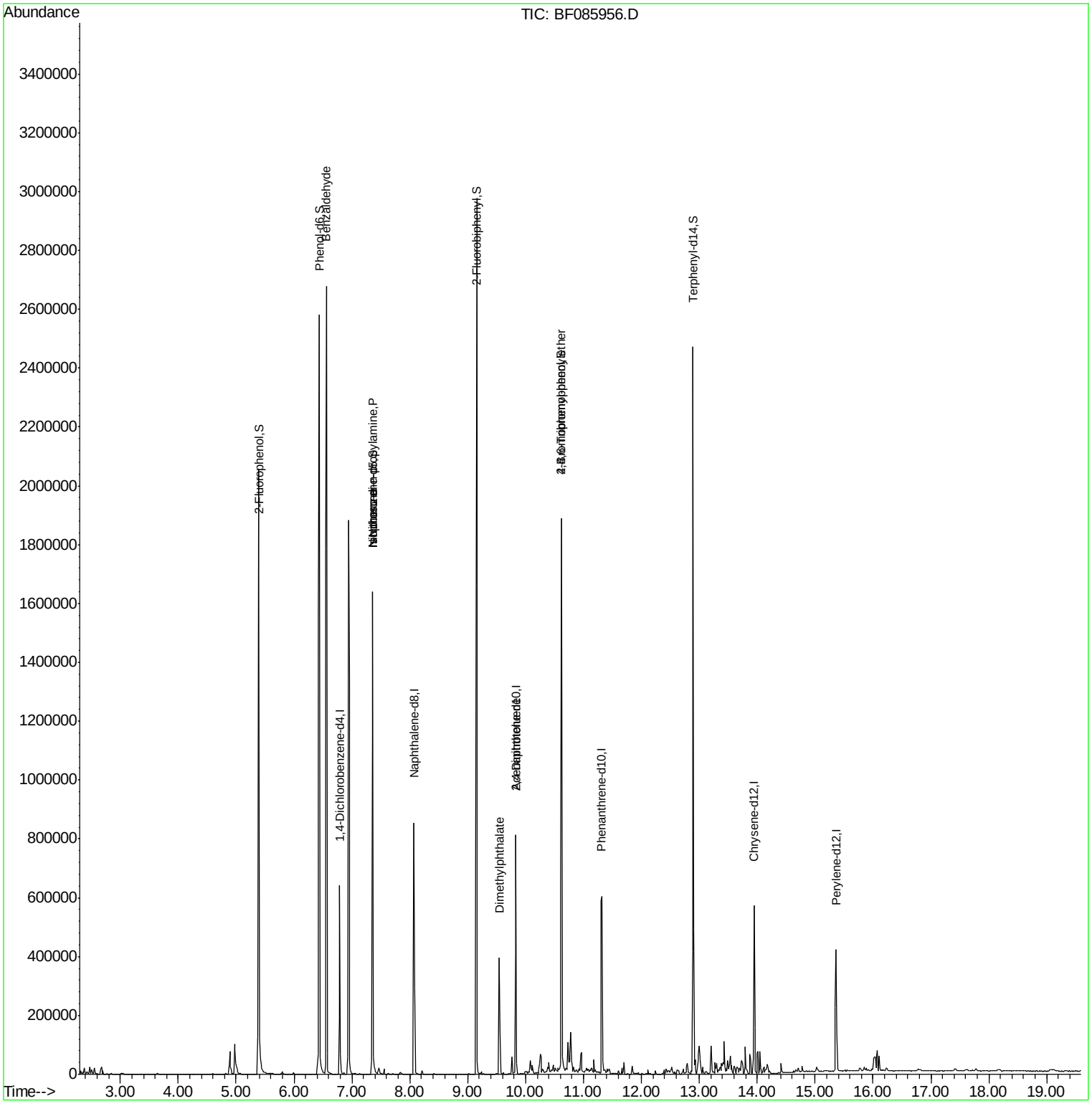
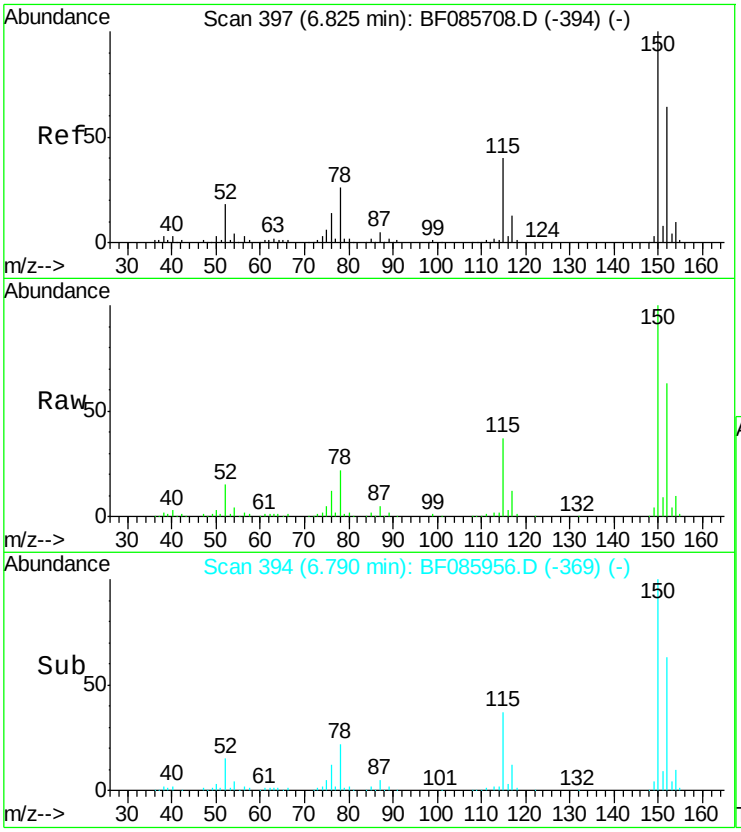


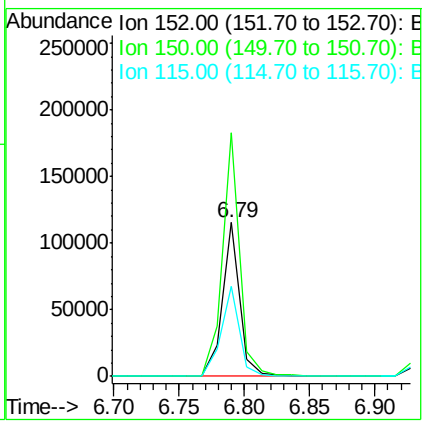


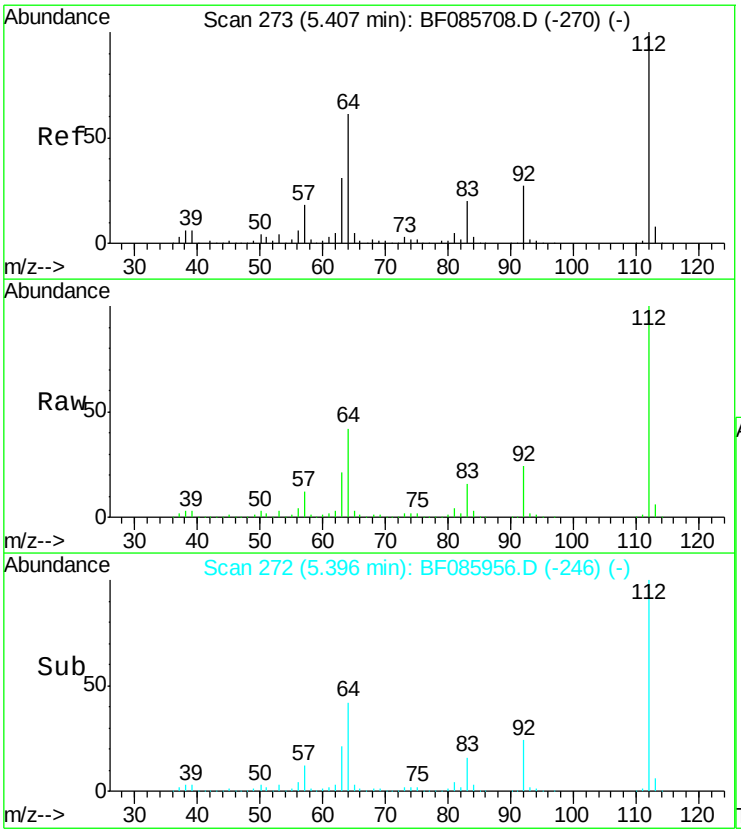
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:152 Resp: 106716

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.2	186.2
115	58.6	47.0	70.6

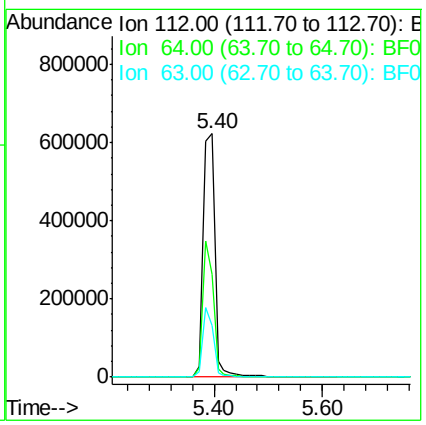


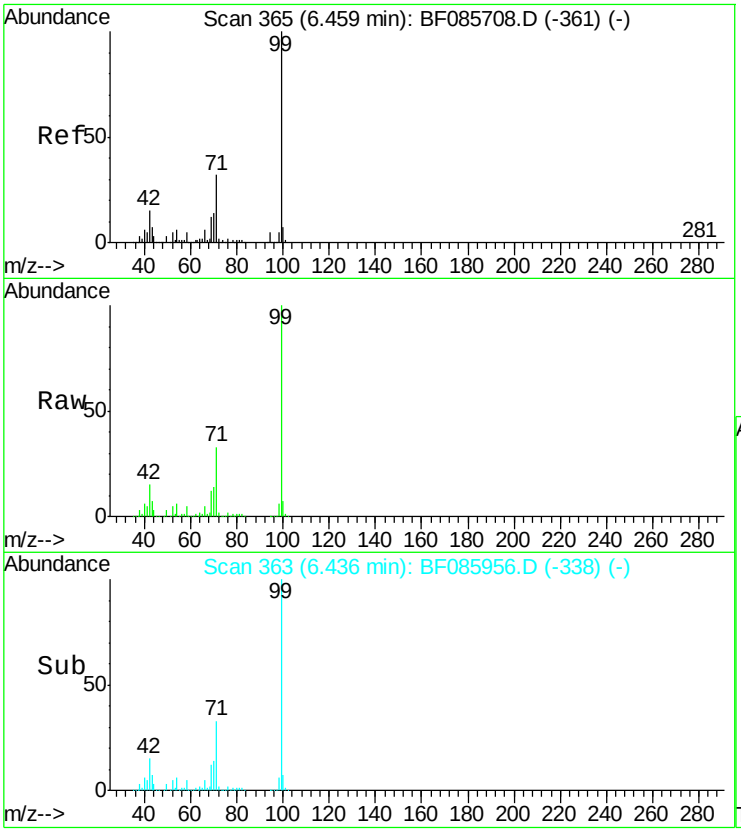


#5
2-Fluorophenol
Concen: 144.97 ng
RT: 5.40 min Scan# 272
Delta R.T. -0.00 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion:112 Resp: 928950

Ion	Ratio	Lower	Upper
112	100		
64	42.5	39.9	59.9
63	21.4	20.2	30.2



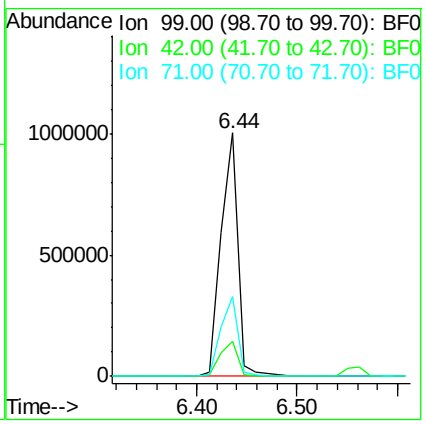


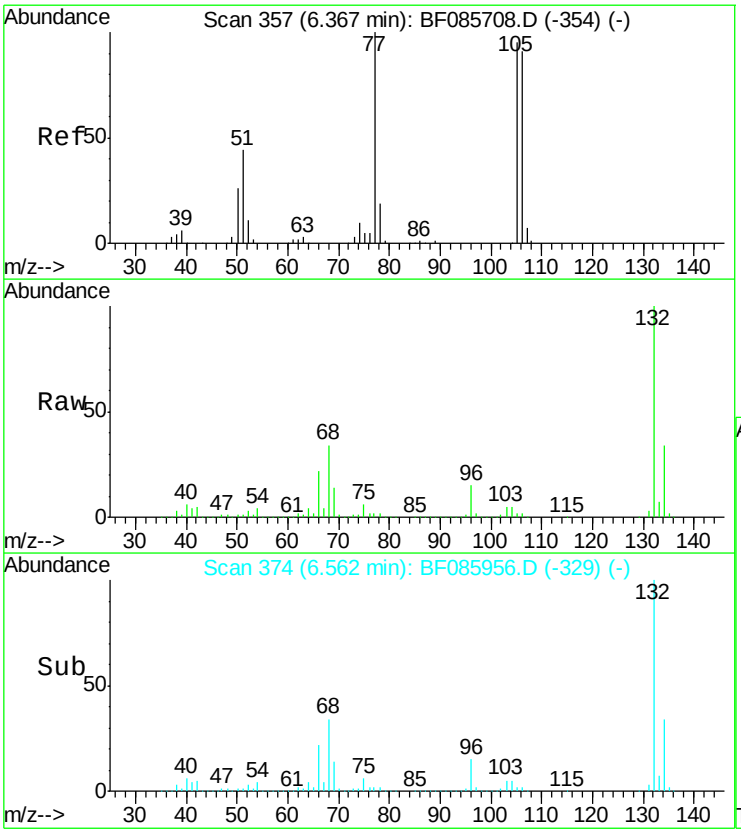
#7
Phenol-d6
Concen: 143.52 ng
RT: 6.44 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion: 99 Resp: 1169250

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.1	16.7
71	32.9	24.9	37.3

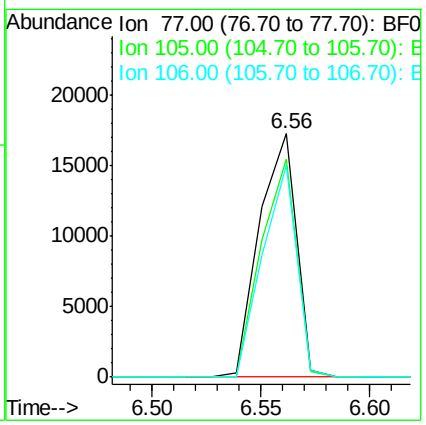


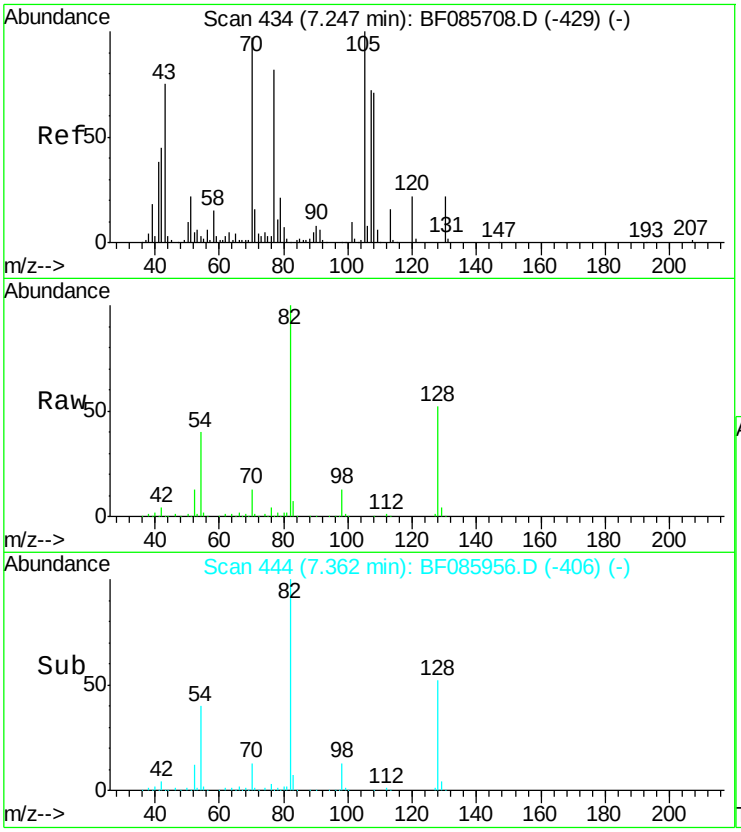


#9
Benzaldehyde
Concen: 4.22 ng
RT: 6.56 min Scan# 374
Delta R.T. 0.22 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion: 77 Resp: 20709

Ion	Ratio	Lower	Upper
77	100		
105	89.7	80.1	120.1
106	86.7	75.0	115.0



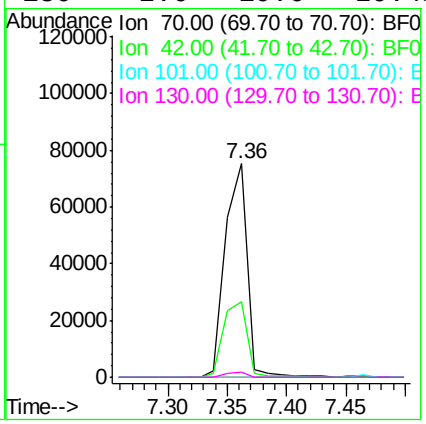


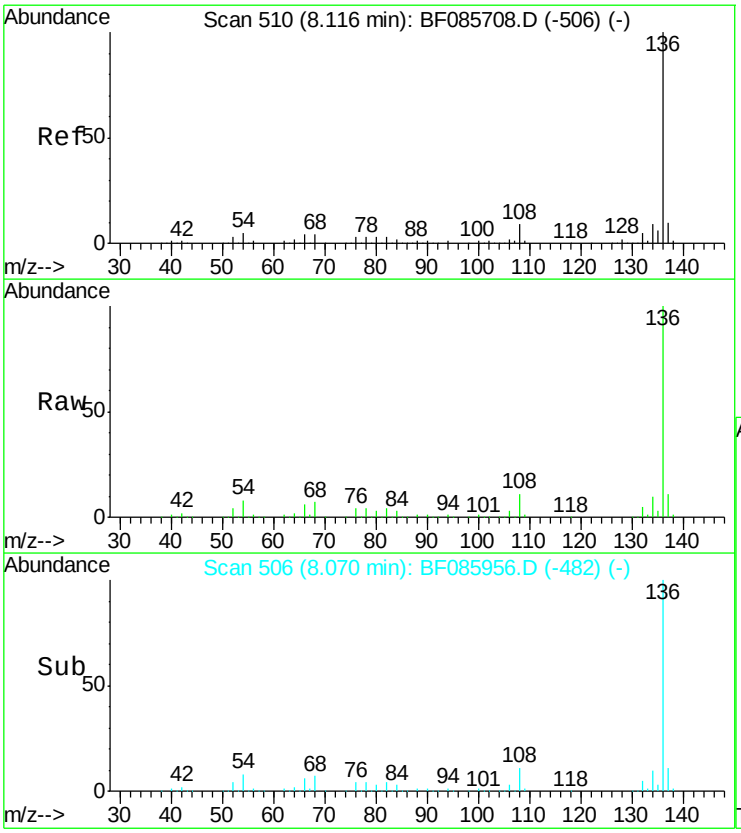
#19
n-Nitroso-di-n-propylamine
Concen: 19.69 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion: 70 Resp: 96035

Ion	Ratio	Lower	Upper
70	100		
42	35.2	37.1	55.7#
101	0.0	8.6	12.8#
130	2.6	19.6	29.4#

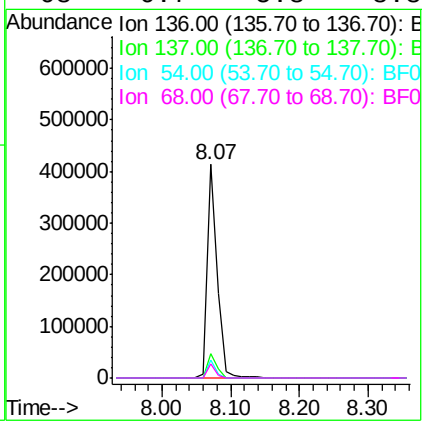


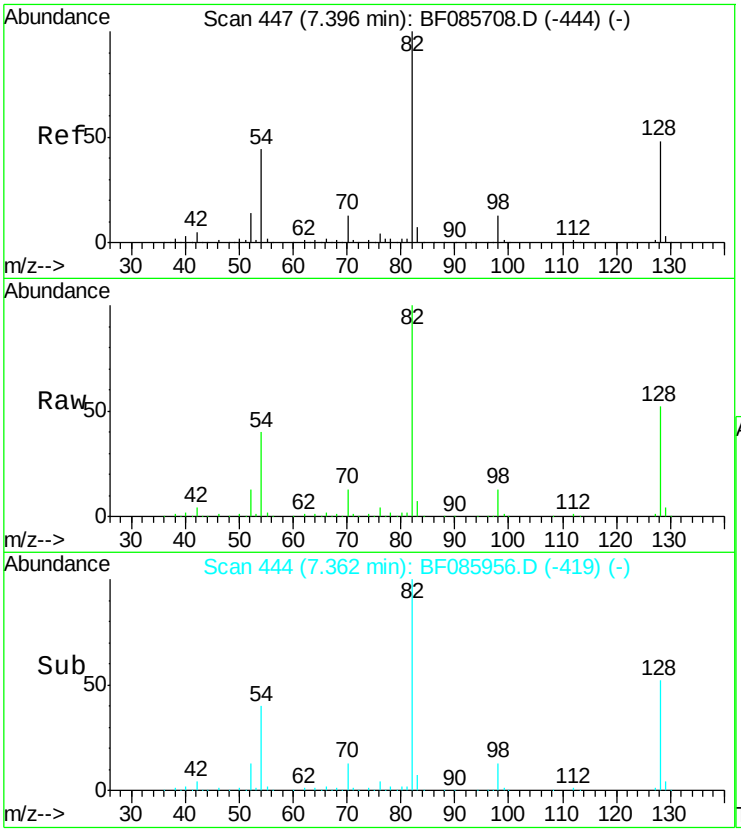


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion:136 Resp: 419893

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	7.4	11.0
68	6.7	5.8	8.8



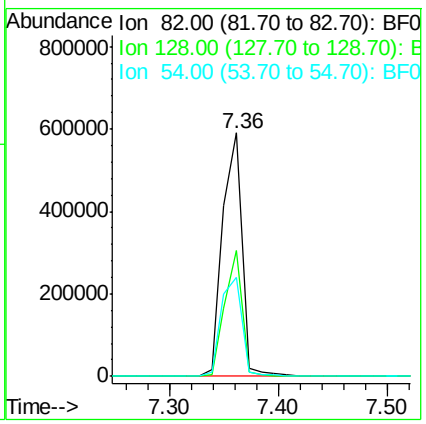


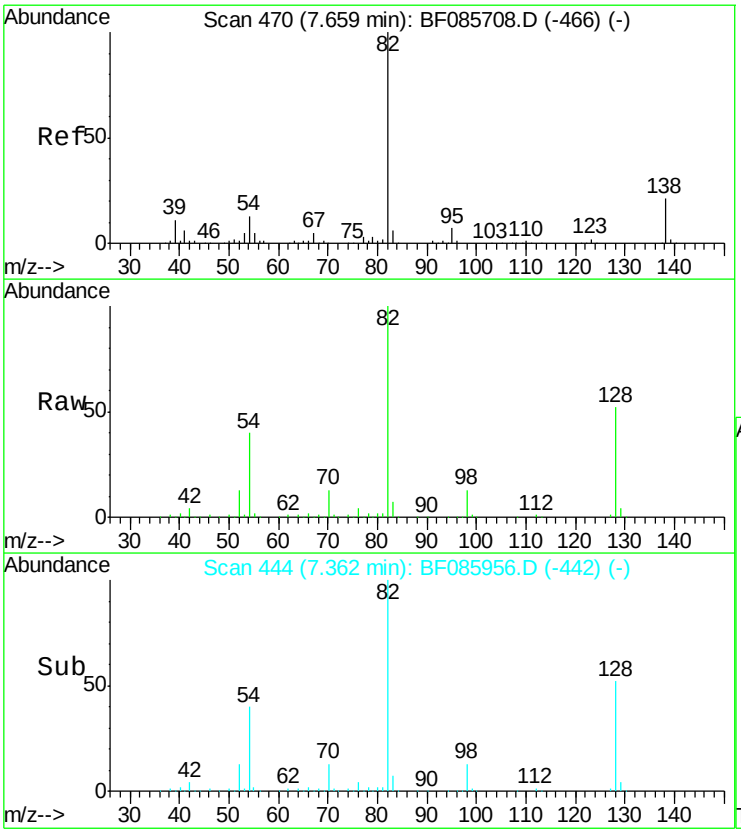
#23
Nitrobenzene-d5
Concen: 98.14 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion: 82 Resp: 731750

Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.8	62.8
54	40.4	33.4	50.0

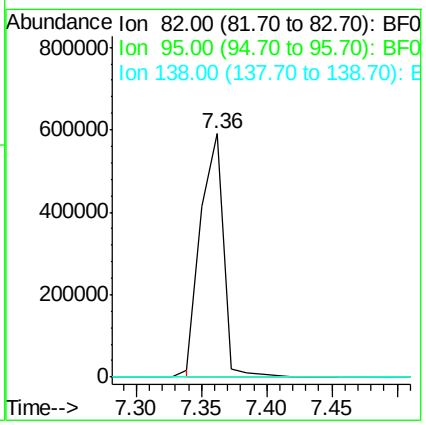


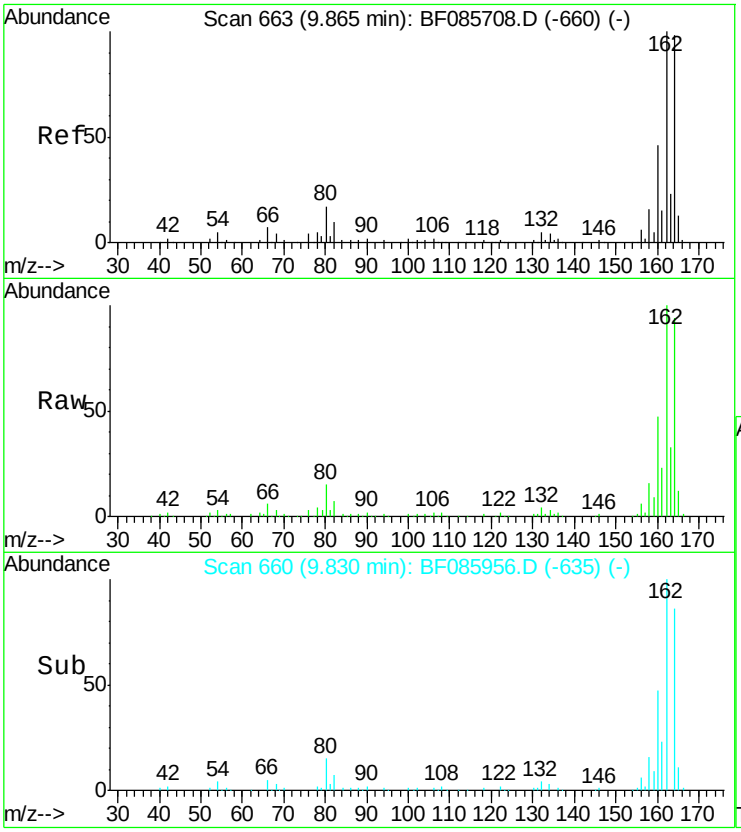


#25
Isophorone
Concen: 49.55 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion: 82 Resp: 711765

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



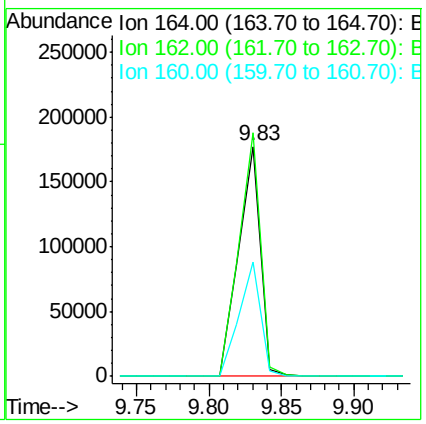


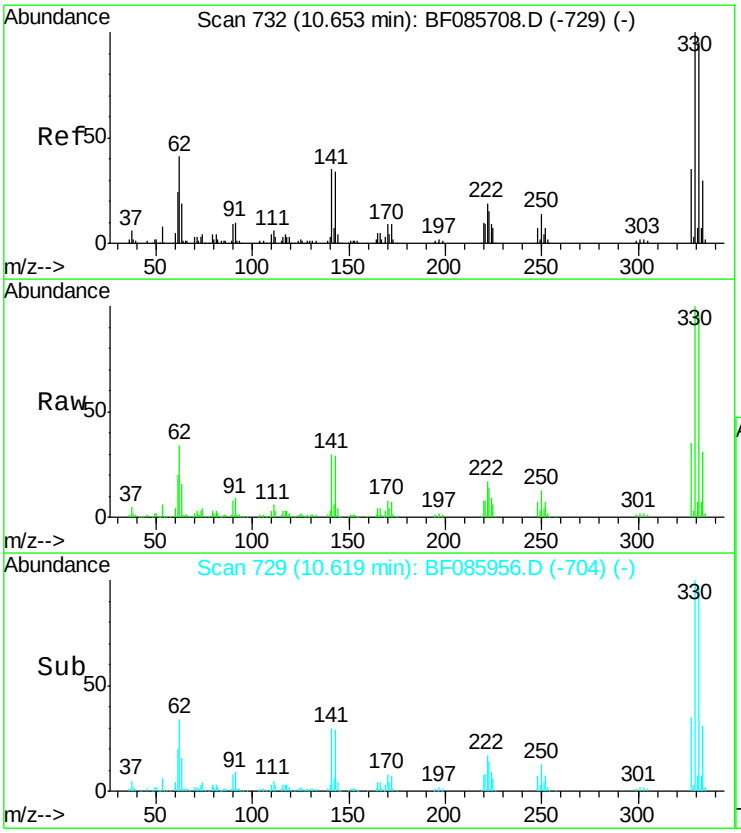
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:164 Resp: 184925

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.1	123.1
160	49.6	37.4	56.2

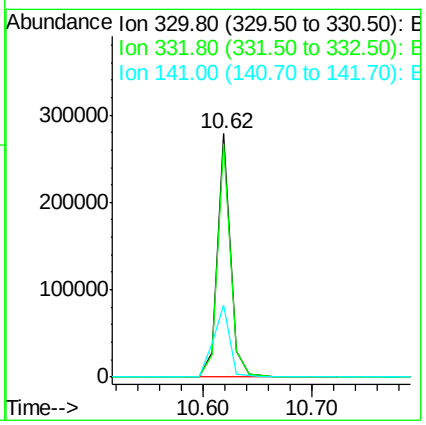


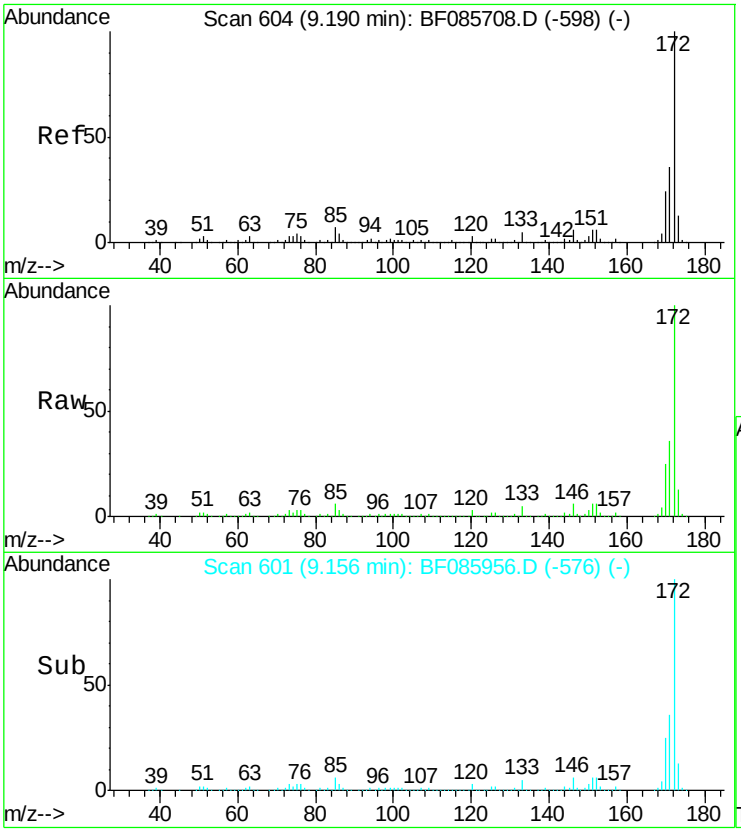


#41
2,4,6-Tribromophenol
Concen: 134.14 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion:330 Resp: 235692

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	37.5	31.5	47.3



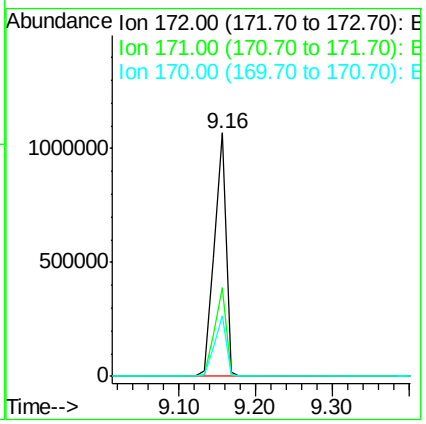


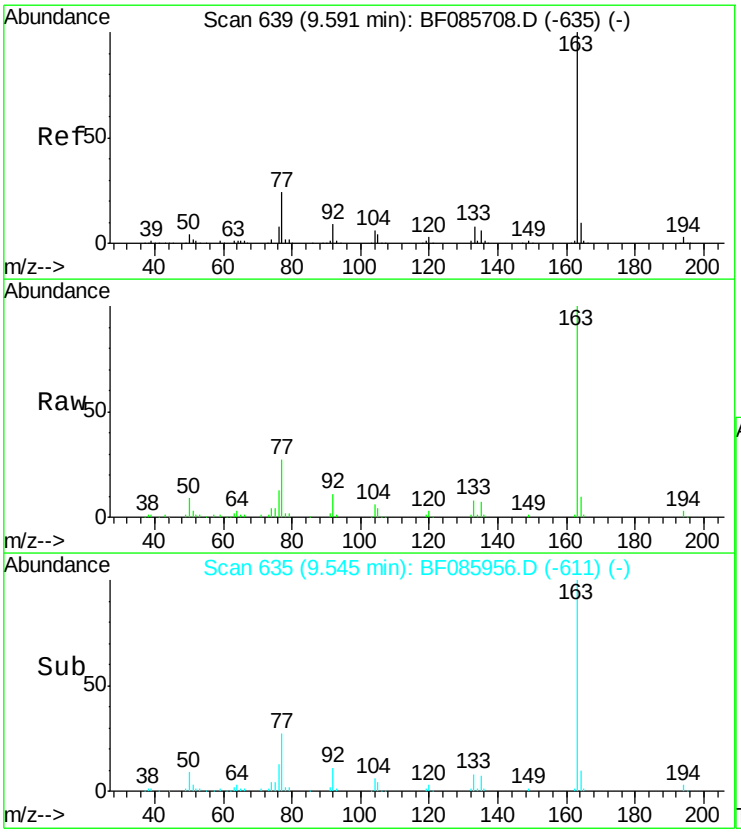
#44
2-Fluorobiphenyl
Concen: 102.07 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:172 Resp: 1129767

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.7	19.8	29.6

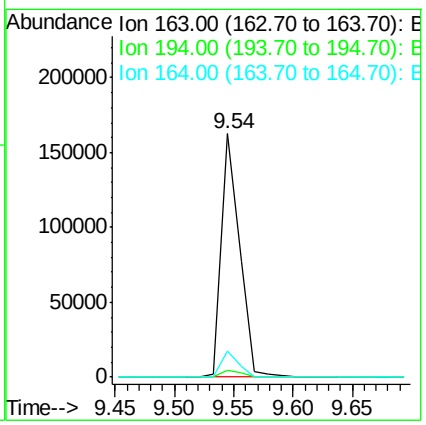


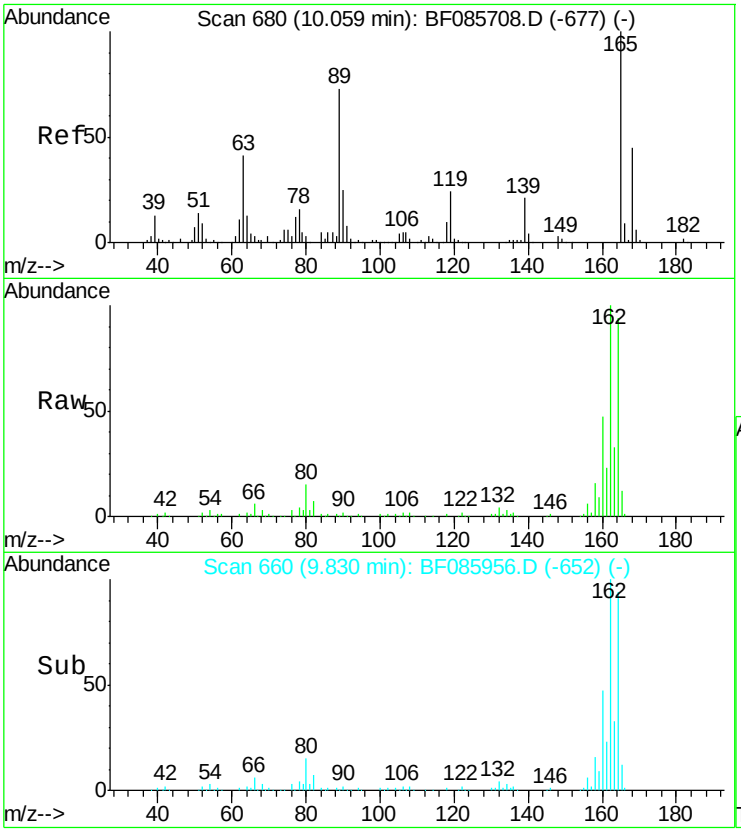


#49
Dimethylphthalate
Concen: 12.17 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion:163 Resp: 170733

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.5	8.3	12.5



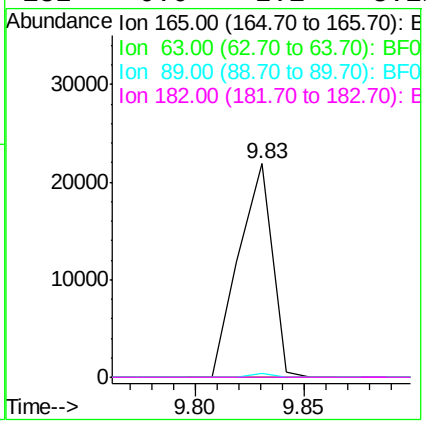


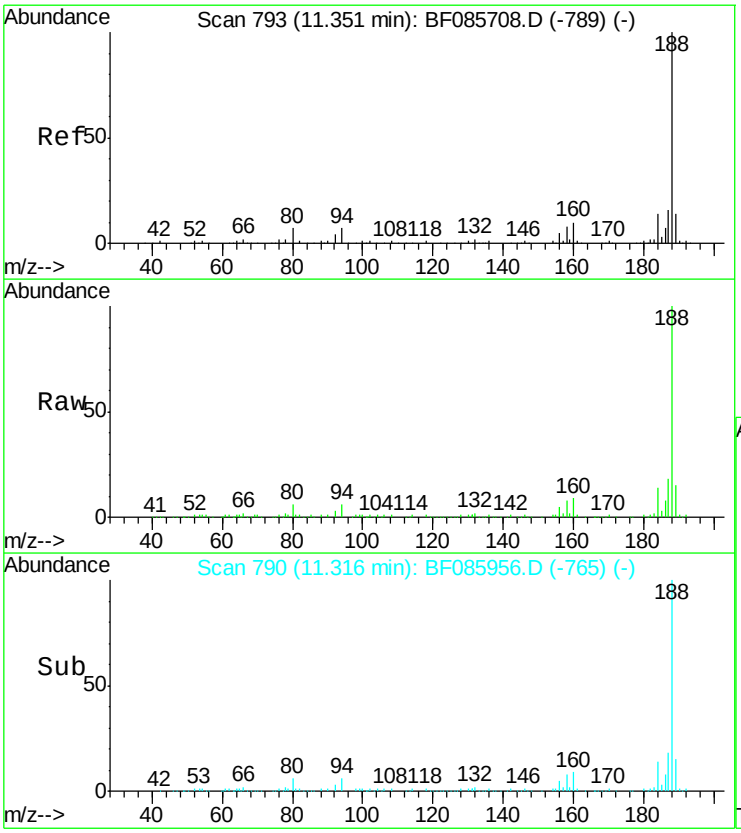
#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:165 Resp: 23496

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

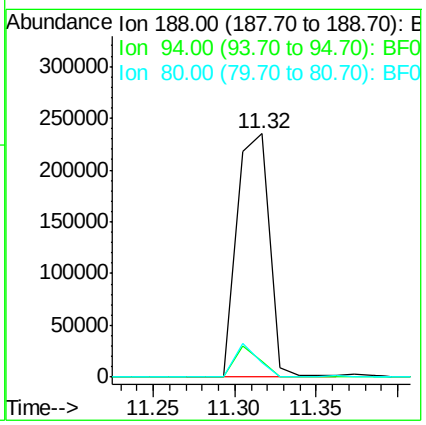


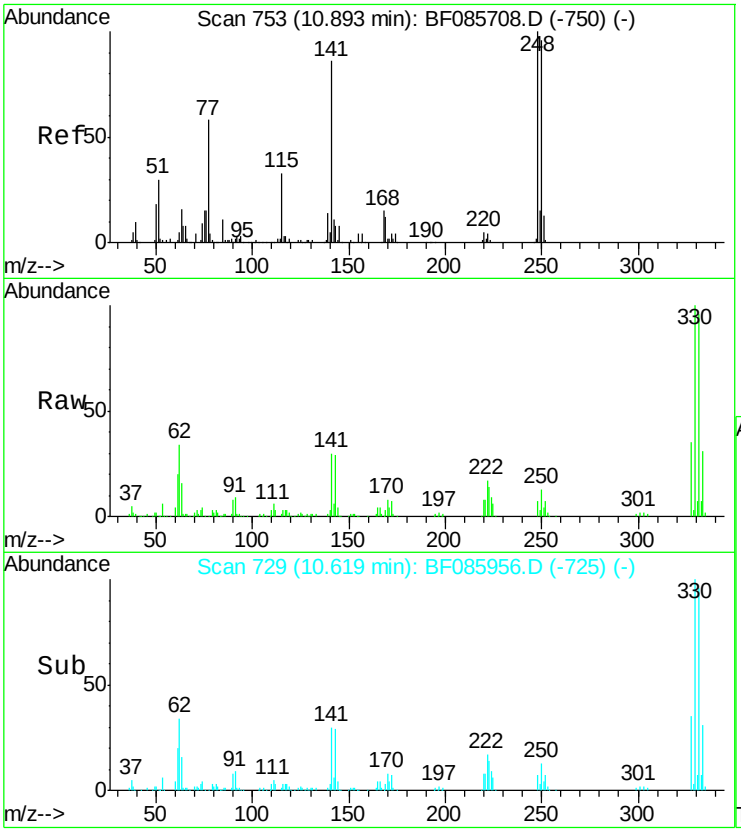


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion:188 Resp: 321008

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.0
80	6.1	5.5	8.3



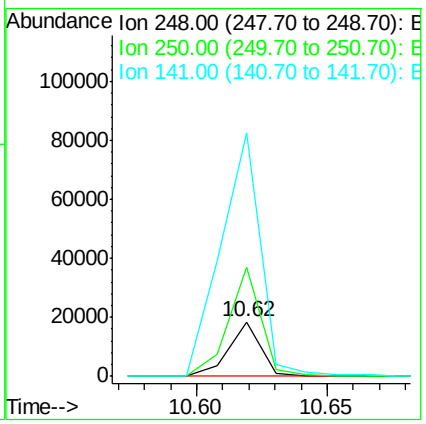


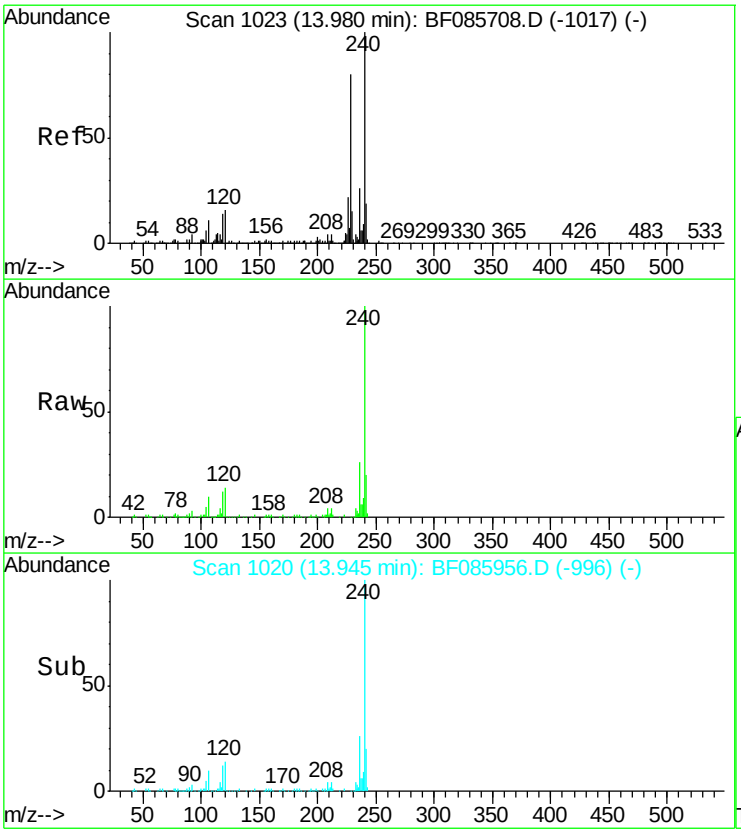
#66
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:248 Resp: 15969

Ion	Ratio	Lower	Upper
248	100		
250	198.2	77.4	116.0#
141	444.2	63.6	95.4#

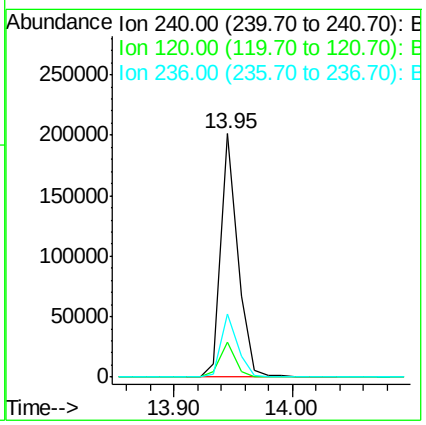


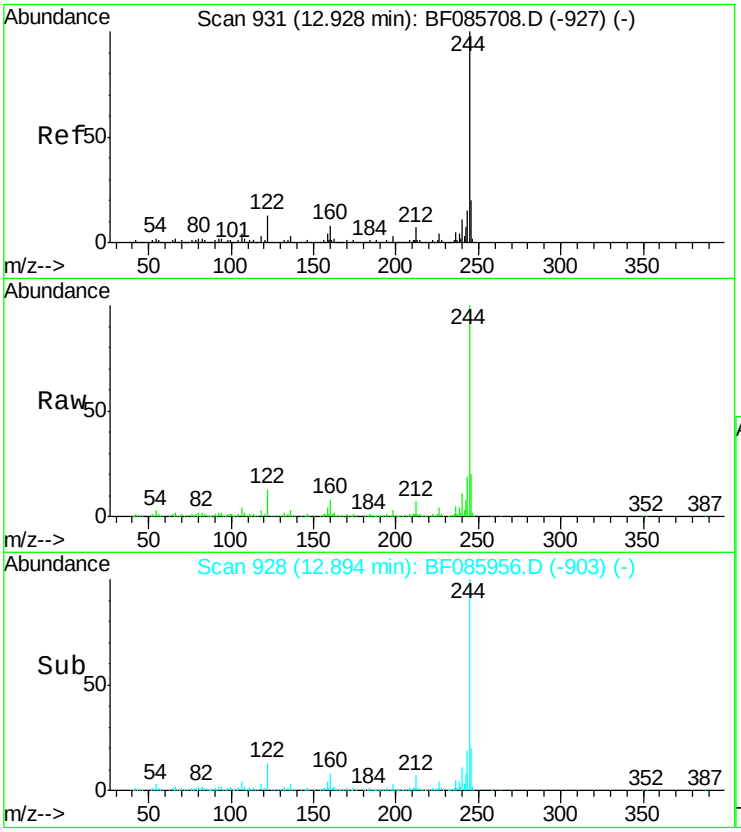


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion:240 Resp: 197428

Ion	Ratio	Lower	Upper
240	100		
120	14.4	13.8	20.8
236	26.0	20.6	30.8



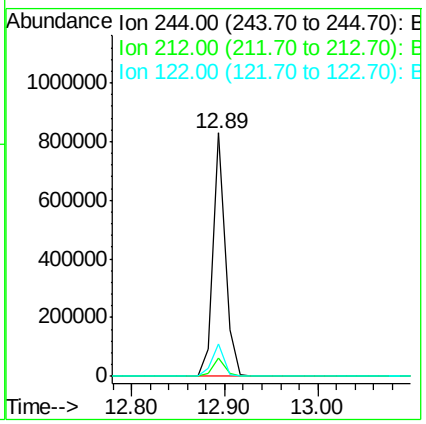


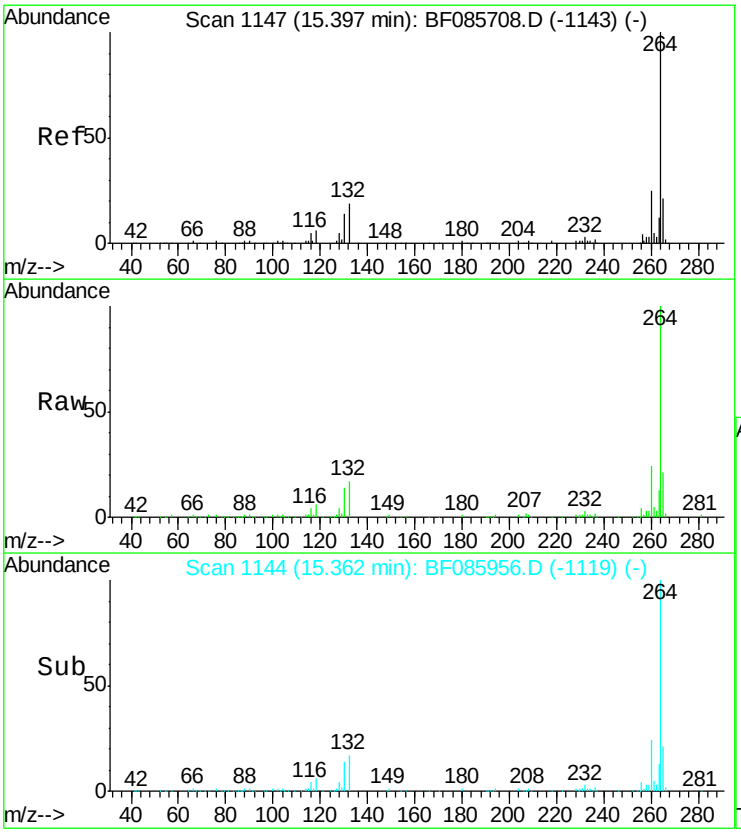
#78
Terphenyl-d14
Concen: 77.91 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-31(0.5-15.0COMP)

Tgt Ion:244 Resp: 747928

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.1	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085956.D
Acq: 1 Apr 2016 5:00

Tgt Ion:264 Resp: 194925

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.2	17.2	25.8