Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Time: Apr 04 01:06:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103102	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	406174	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	180860	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	336048	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	229851	20.00	ng		0.00
86) Perylene-d12	15.33	264	204290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	26890	4.46	ng		0.01
7) Phenol-d6	6.42	99	32664	4.26	ng		0.00
23) Nitrobenzene-d5	7.34	82	25653	3.72	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	3609	2.13	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	35632	3.28	ng		-0.01
78) Terphenyl-d14	12.88	244	22768	2.33	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.43	94	97080	11.11	ng		90
17) 2-Methylphenol	7.20	107	295745	52.15	ng	#	69
20) 3+4-Methylphenols	7.20	107	298082	43.21	ng	#	53
24) Nitrobenzene	7.20	77	89202	11.84	ng	#	45
27) 2,4-Dimethylphenol	7.82	122	23378	3.61	ng	#	3
32) Benzoic acid	7.82	122	23638	4.98	ng		99
49) Dimethylphthalate	9.53	163	76907	5.74	ng		99
56) 2,4-Dinitrotoluene	9.81	165	23045	6.43	ng	#	43
83) Bis(2-ethylhexyl)phthalate	13.91	149	26510	2.74	ng	#	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Time: Apr 04 01:06:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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QLast Update : Fri Apr 01 23:17:06 2016
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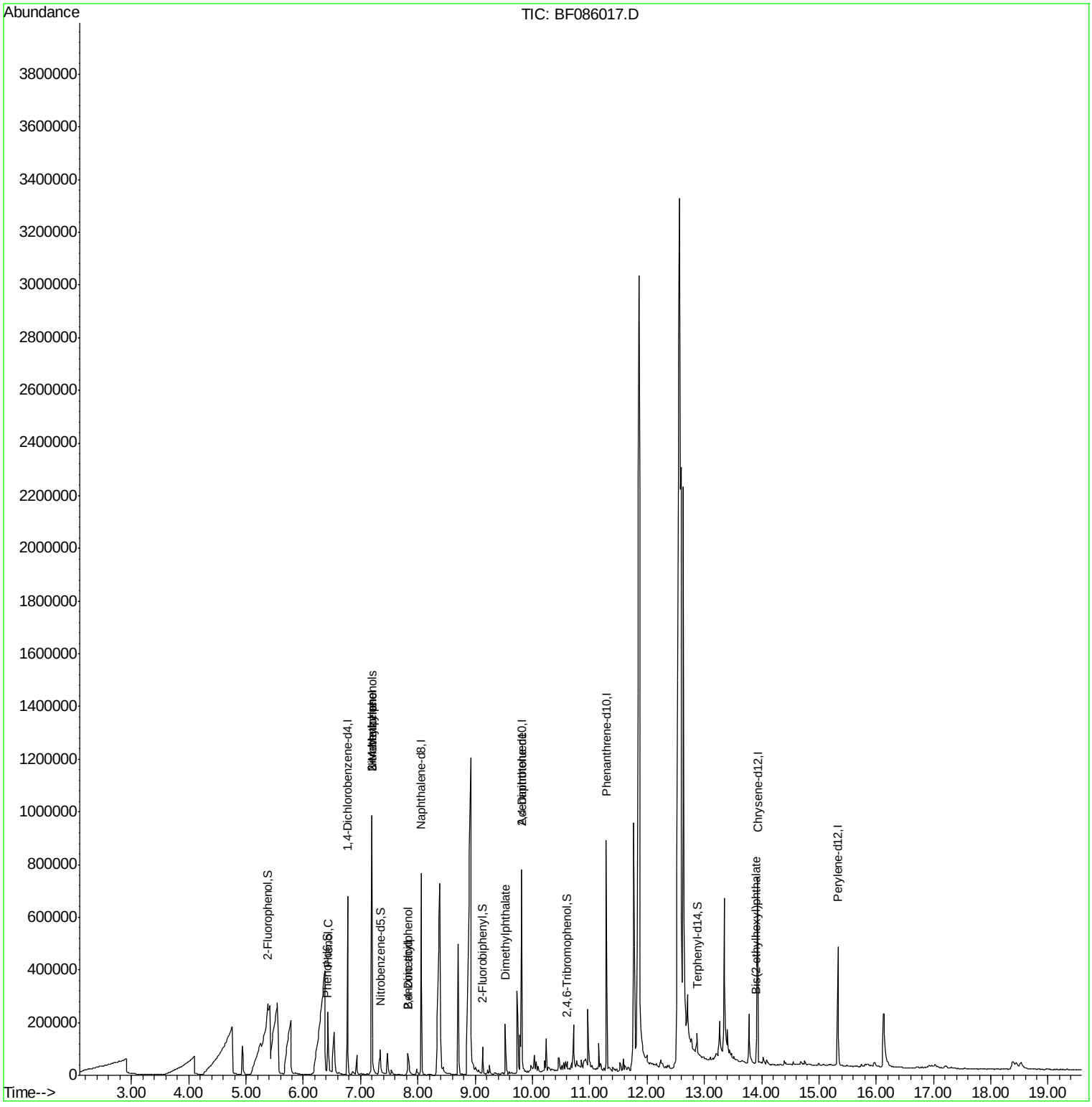
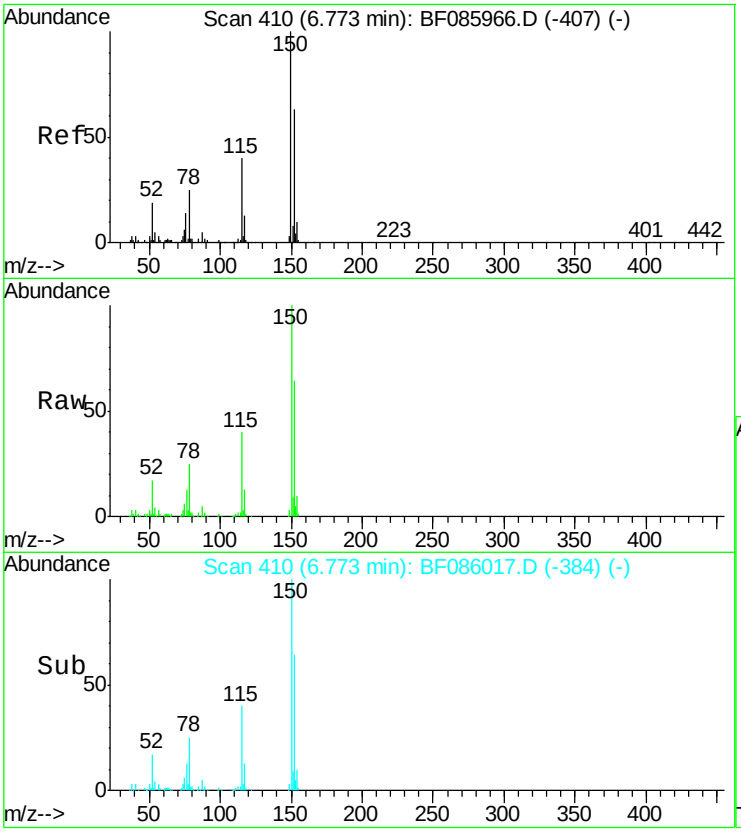


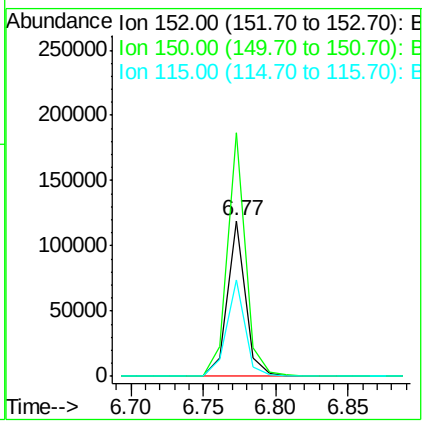


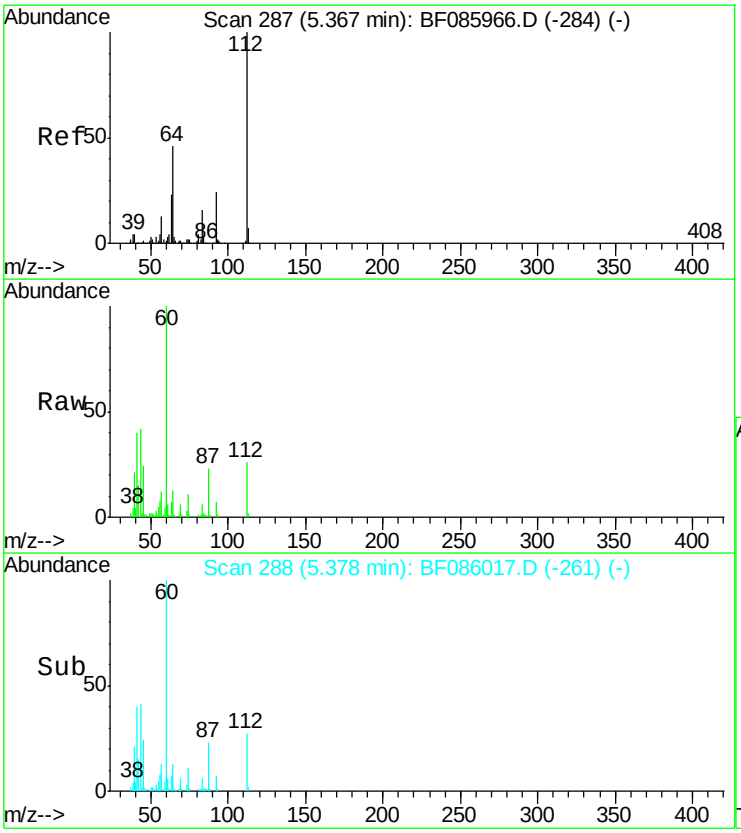
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:152 Resp: 103102

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	61.9	47.0	70.6

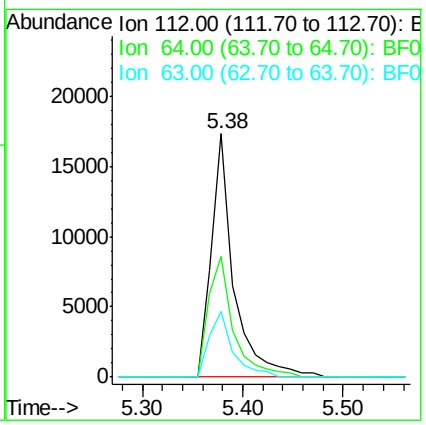


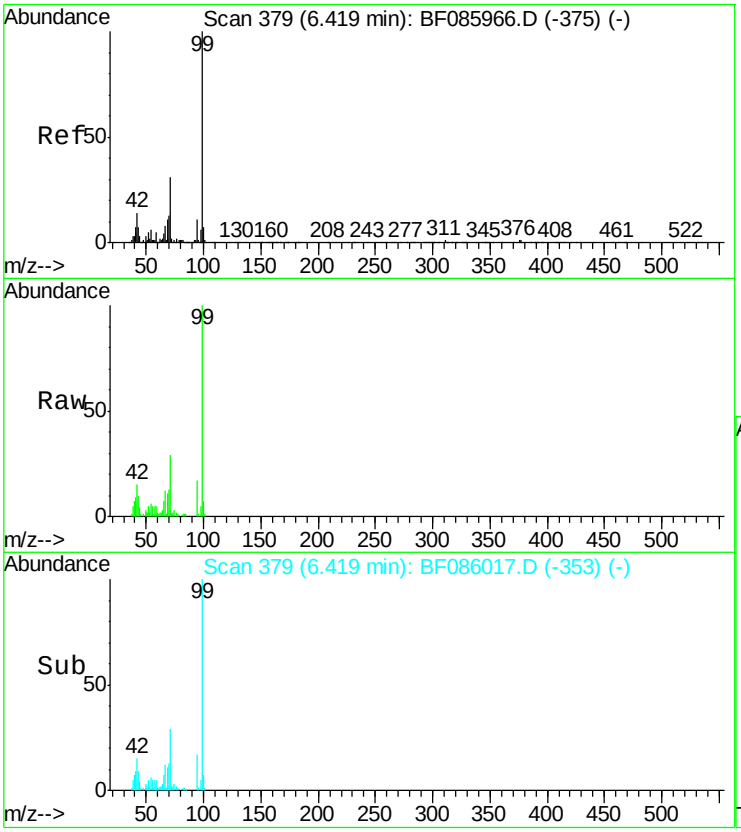


#5
2-Fluorophenol
Concen: 4.46 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:112 Resp: 26890

Ion	Ratio	Lower	Upper
112	100		
64	49.4	39.9	59.9
63	26.8	20.2	30.2



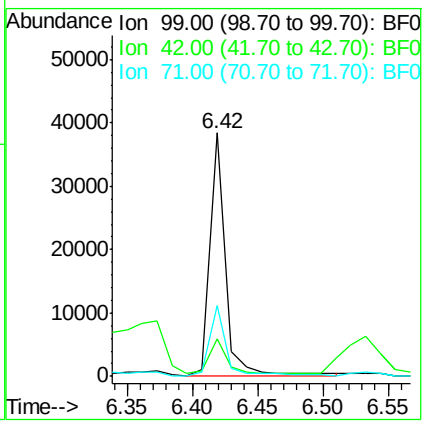


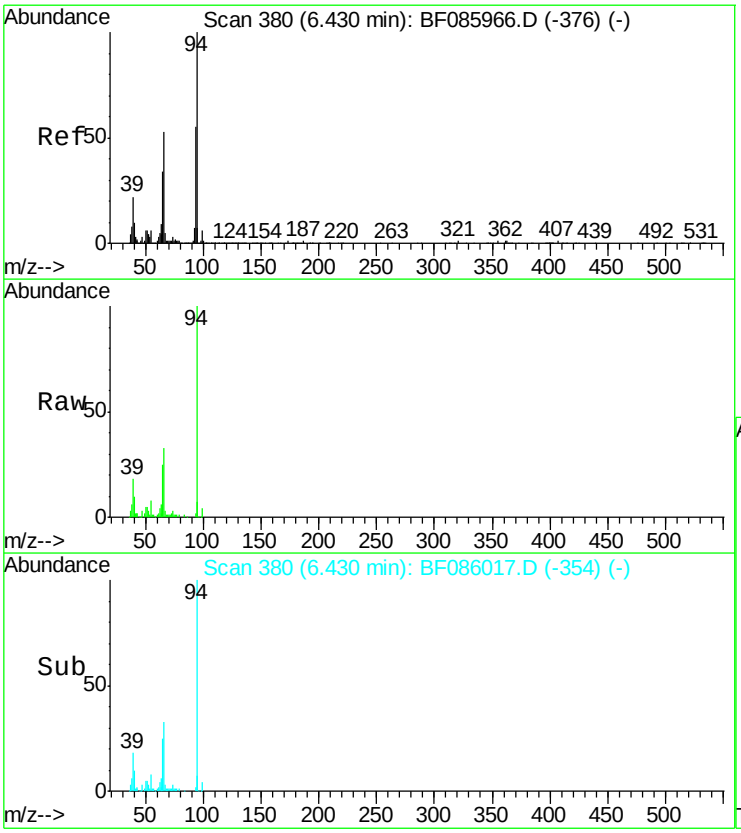
#7
Phenol-d6
Concen: 4.26 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion: 99 Resp: 32664

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.1	16.7
71	29.2	24.9	37.3

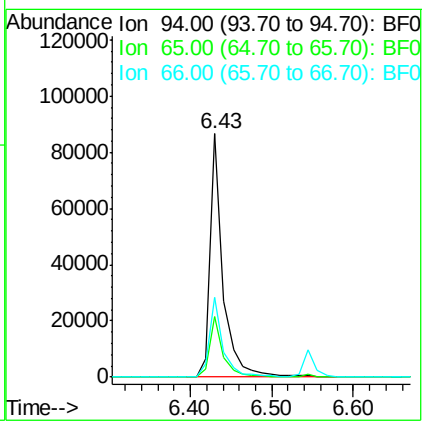


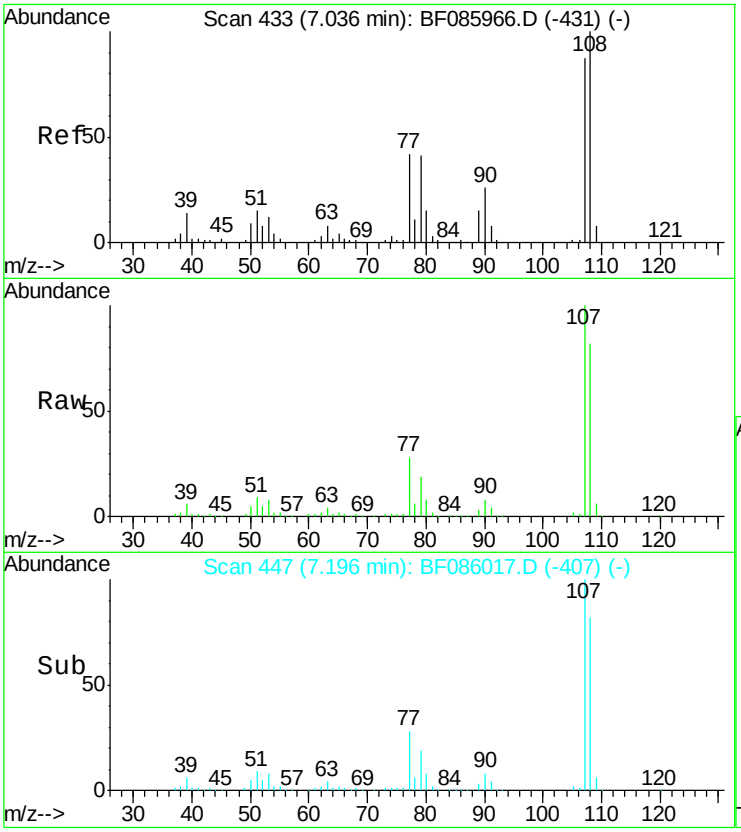


#10
Phenol
Concen: 11.11 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion: 94 Resp: 97080

Ion	Ratio	Lower	Upper
94	100		
65	24.8	8.6	48.6
66	32.7	20.0	60.0



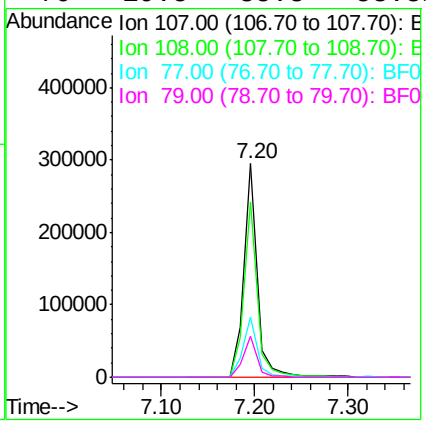


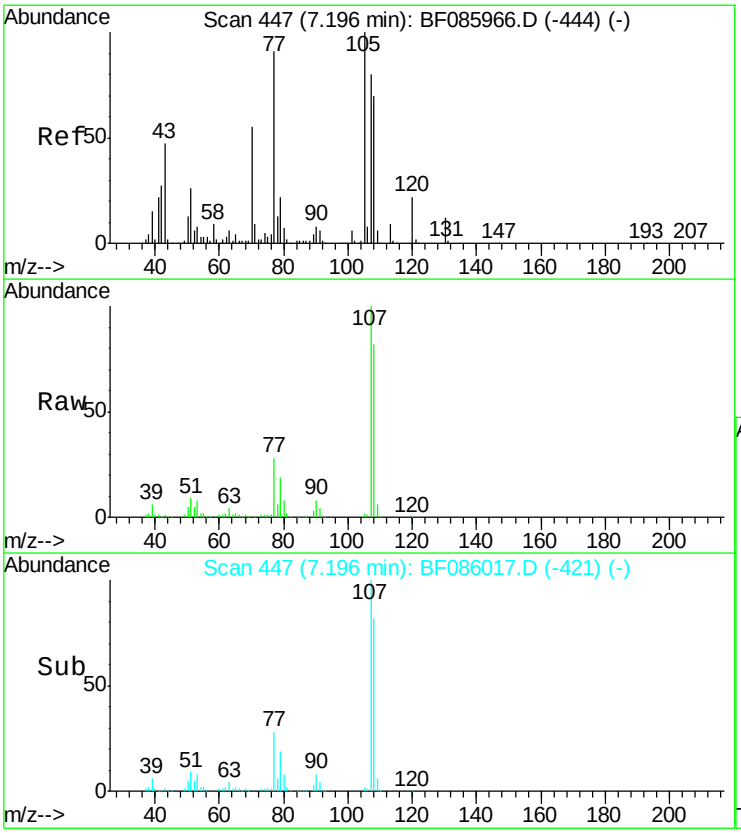
#17
2-Methylphenol
Concen: 52.15 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.16 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:107 Resp: 295745

Ion	Ratio	Lower	Upper
107	100		
108	82.0	91.4	137.0#
77	28.0	36.2	54.2#
79	19.5	35.8	53.8#

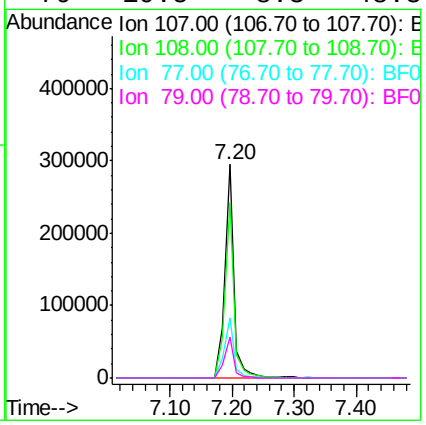


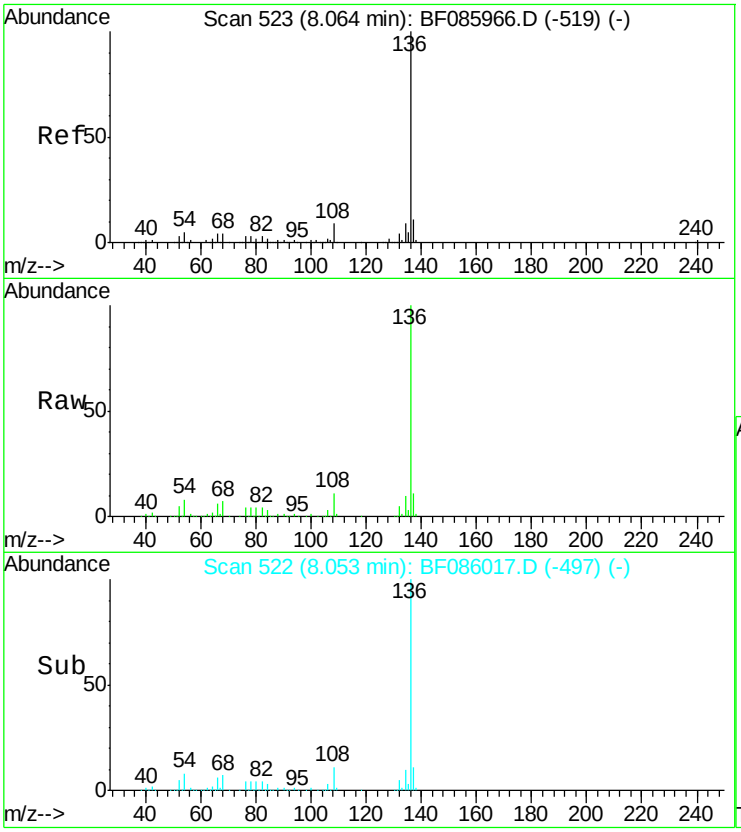


#20
3+4-Methylphenols
Concen: 43.21 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:107 Resp: 298082

Ion	Ratio	Lower	Upper
107	100		
108	82.0	69.3	109.3
77	28.0	101.7	141.7#
79	19.5	8.3	48.3



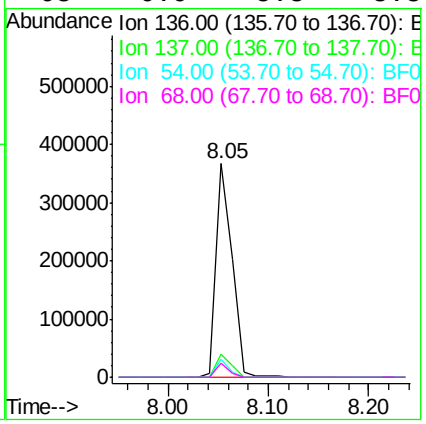


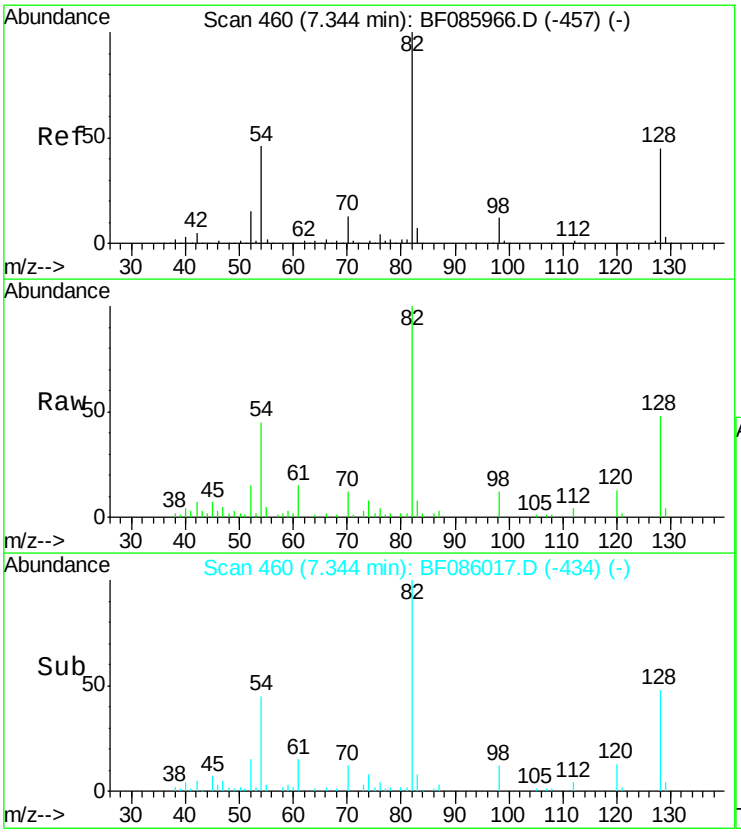
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:136 Resp: 406174

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.4	7.4	11.0
68	6.9	5.8	8.8

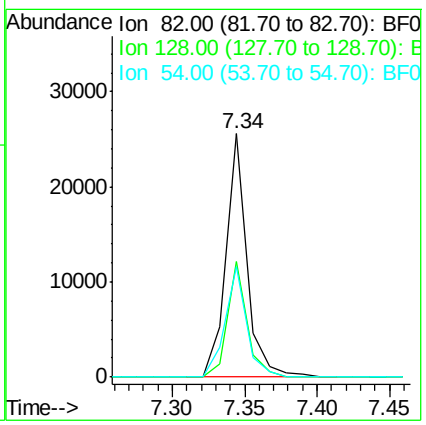


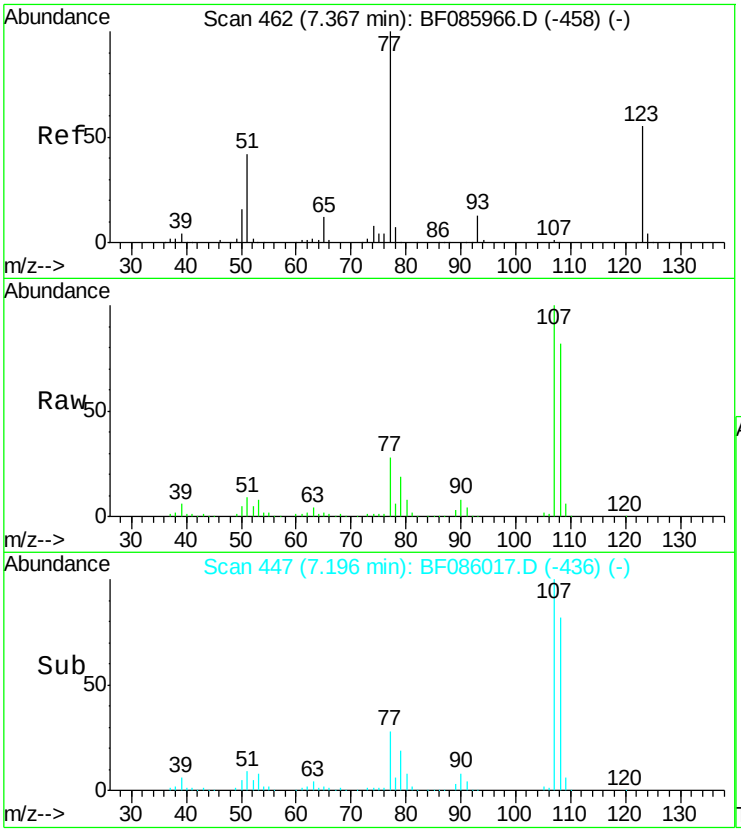


#23
Nitrobenzene-d5
Concen: 3.72 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion: 82 Resp: 25653

Ion	Ratio	Lower	Upper
82	100		
128	47.7	41.8	62.8
54	45.2	33.4	50.0



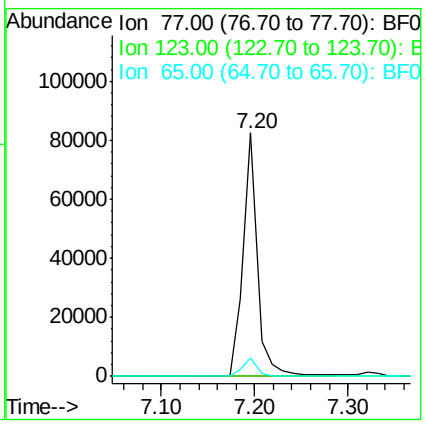


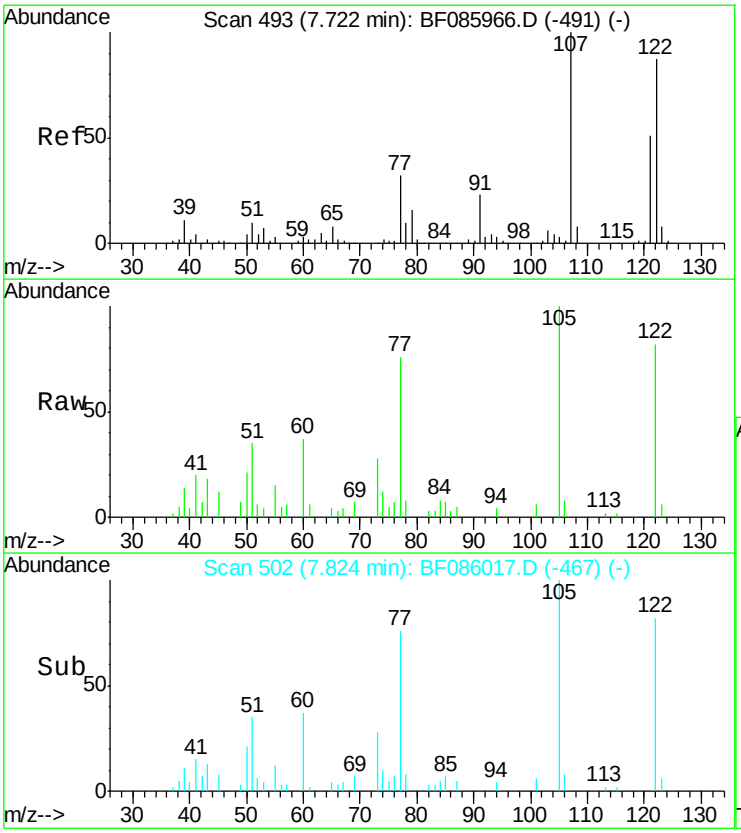
#24
Nitrobenzene
Concen: 11.84 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.17 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion: 77 Resp: 89202

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	7.3	10.6	16.0#

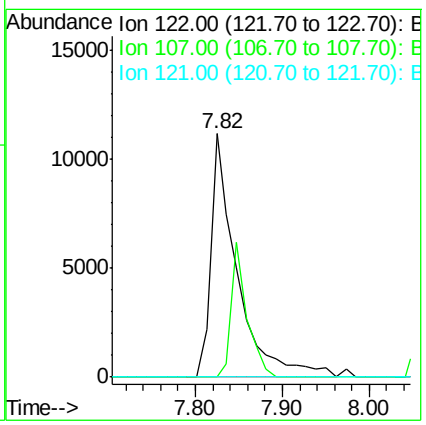


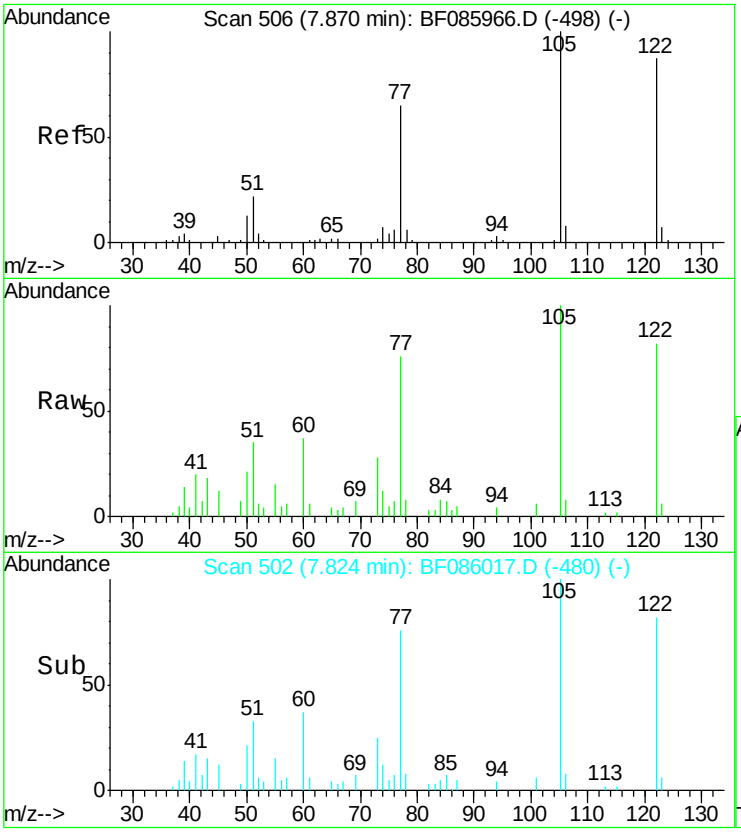


#27
2,4-Dimethylphenol
Concen: 3.61 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.10 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:122 Resp: 23378

Ion	Ratio	Lower	Upper
122	100		
107	0.0	93.0	139.6#
121	0.0	45.9	68.9#



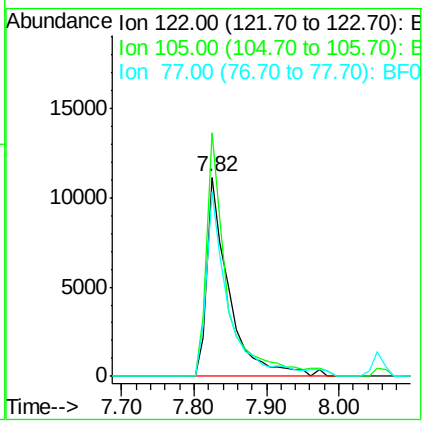


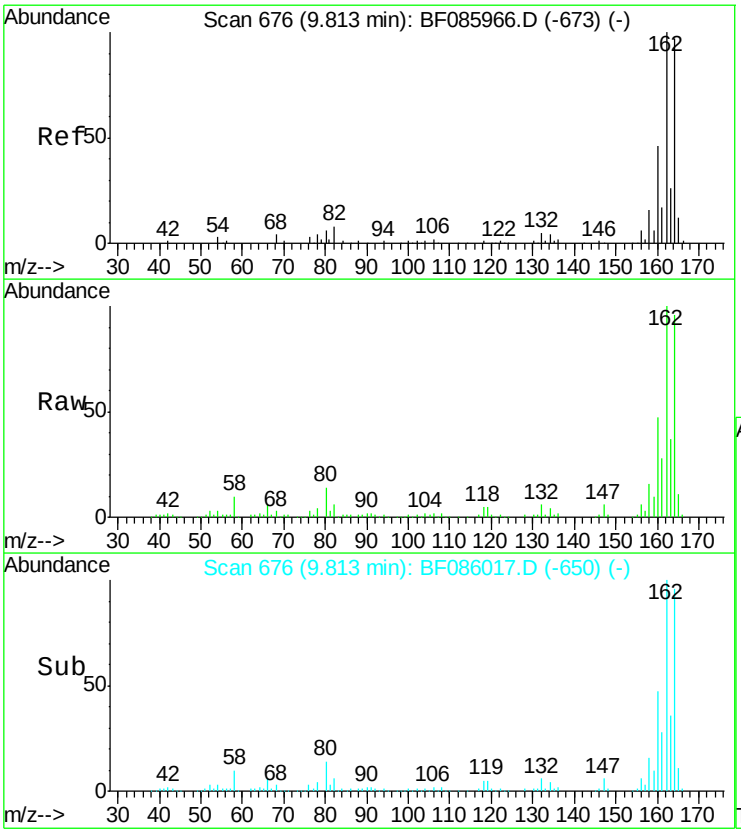
#32
Benzoic acid
Concen: 4.98 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:122 Resp: 23638

Ion	Ratio	Lower	Upper
122	100		
105	122.1	102.9	142.9
77	92.8	71.8	111.8

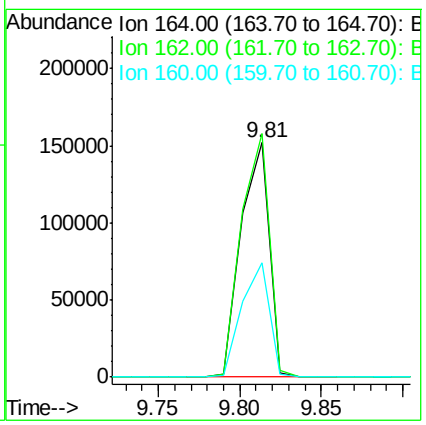


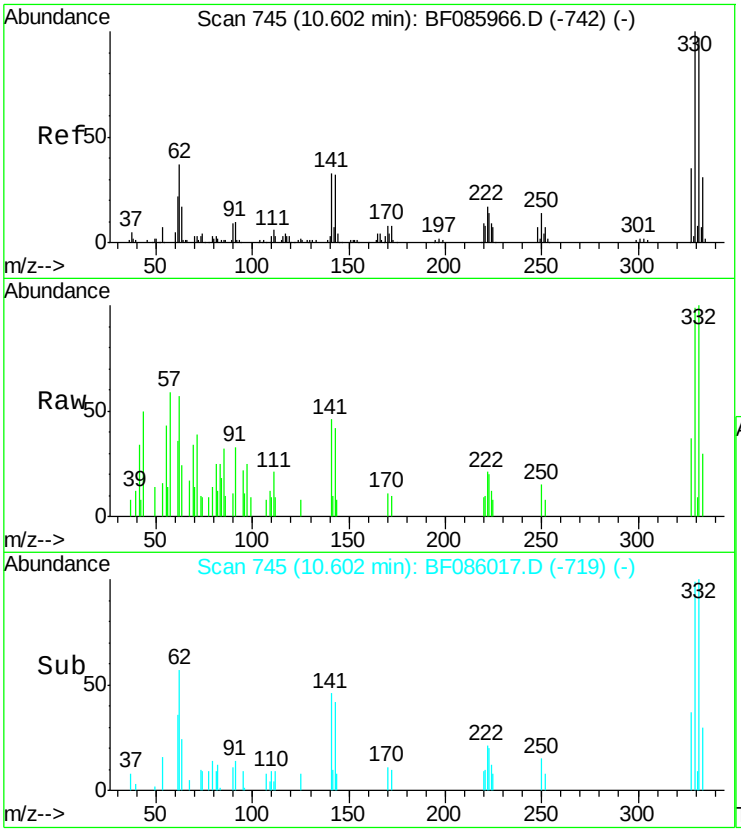


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:164 Resp: 180860

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.1	123.1
160	48.7	37.4	56.2



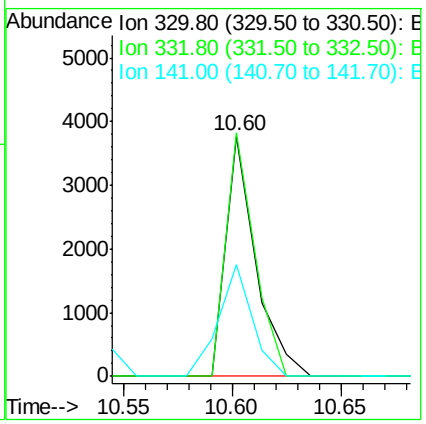


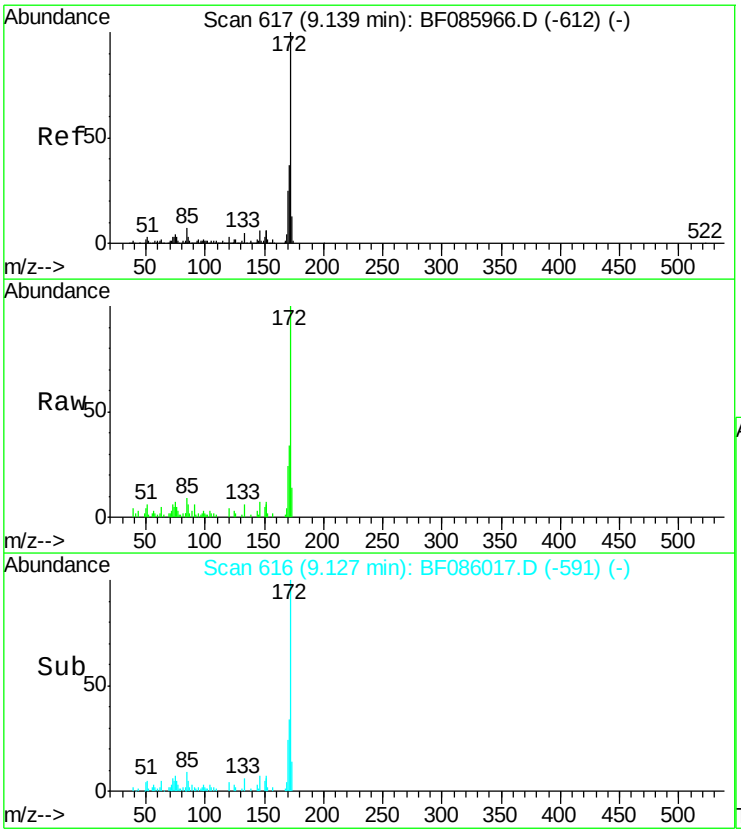
#41
2,4,6-Tribromophenol
Concen: 2.13 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:330 Resp: 3609

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	52.4	31.5	47.3#

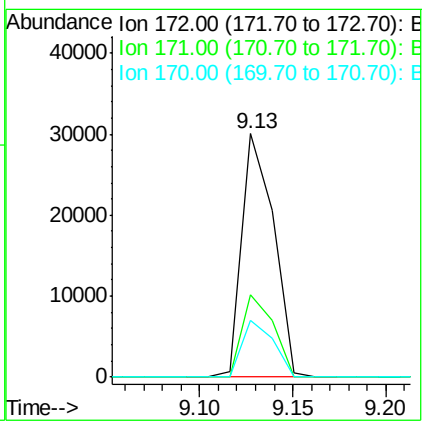


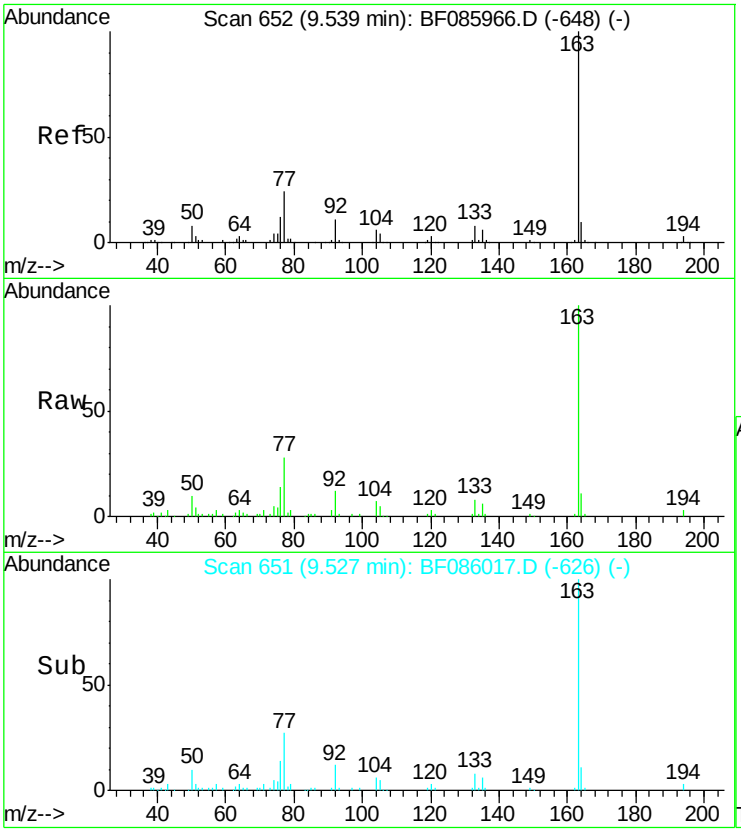


#44
2-Fluorobiphenyl
Concen: 3.28 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:172 Resp: 35632

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.4	44.2
170	23.5	19.8	29.6



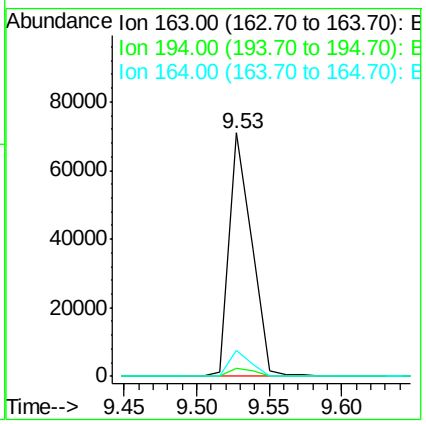


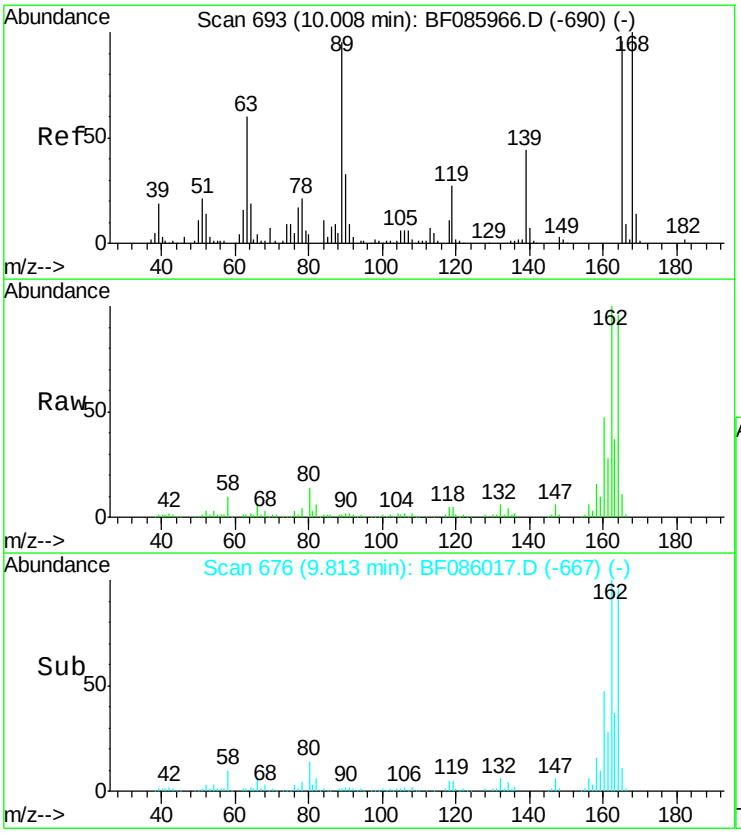
#49
Dimethylphthalate
Concen: 5.74 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:163 Resp: 76907

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.6	8.3	12.5

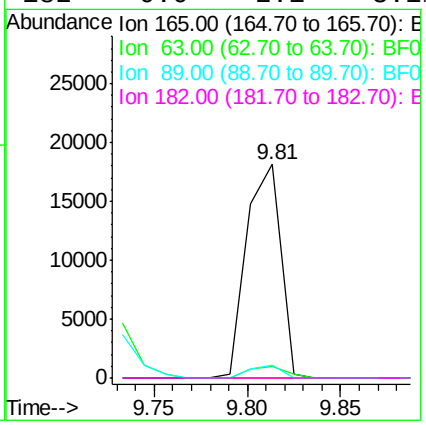


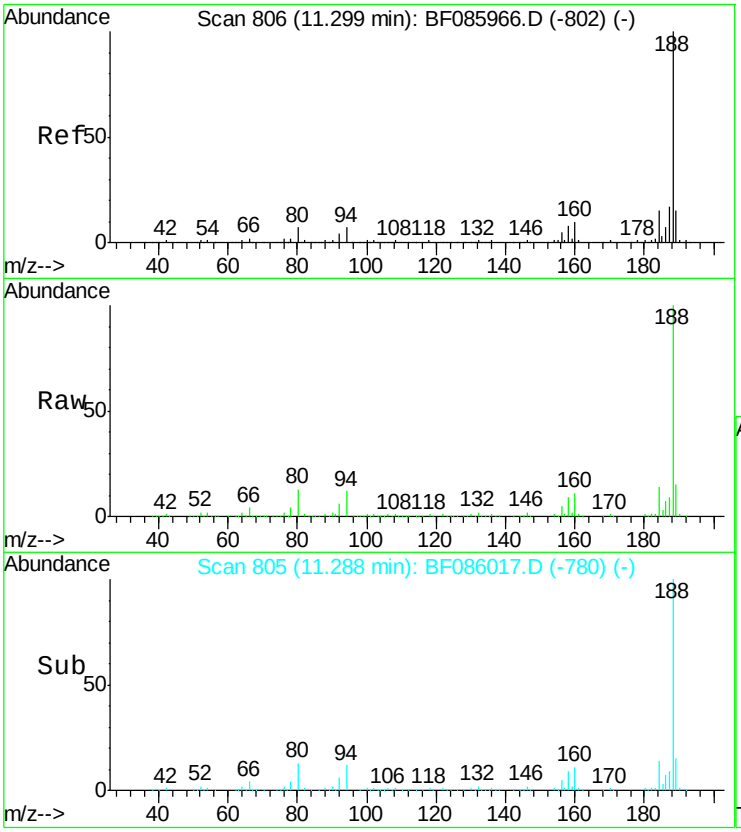


#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:165 Resp: 23045

Ion	Ratio	Lower	Upper
165	100		
63	5.2	24.9	37.3#
89	5.7	41.0	61.6#
182	0.0	2.1	3.1#



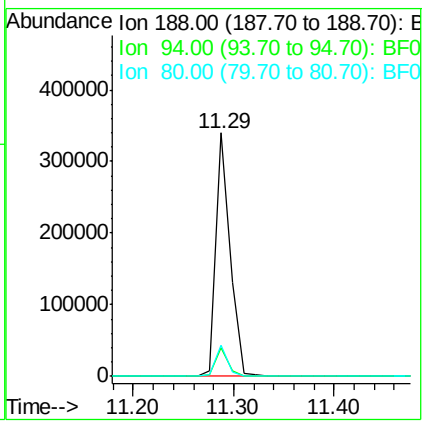


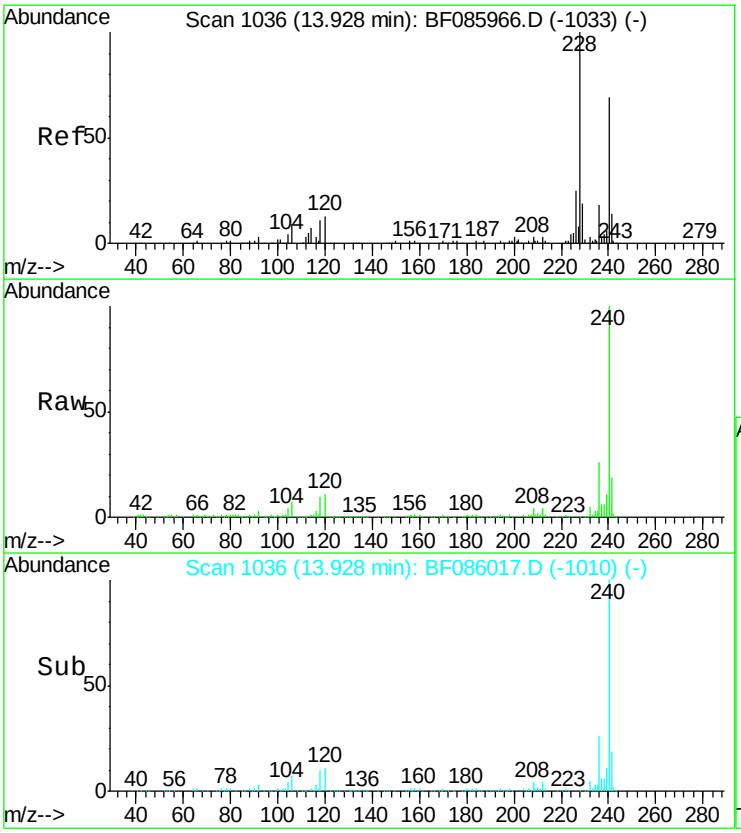
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:188 Resp: 336048

Ion	Ratio	Lower	Upper
188	100		
94	12.0	5.4	8.0#
80	12.7	5.5	8.3#

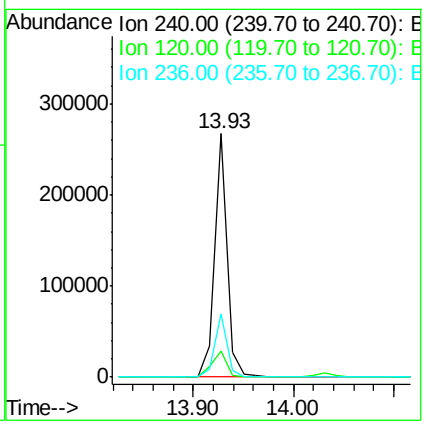


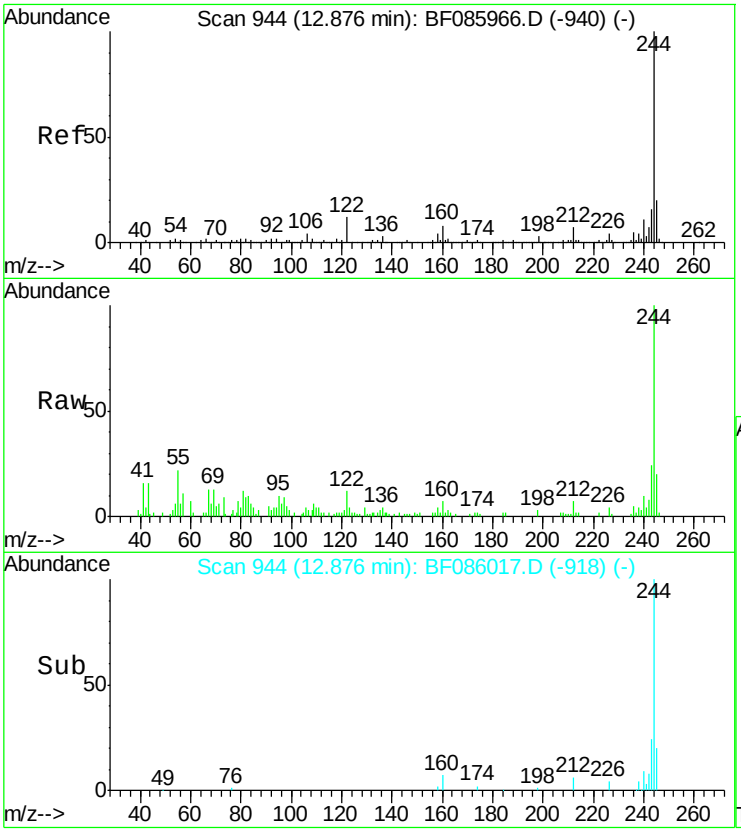


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:240 Resp: 229851

Ion	Ratio	Lower	Upper
240	100		
120	10.7	13.8	20.8#
236	26.2	20.6	30.8



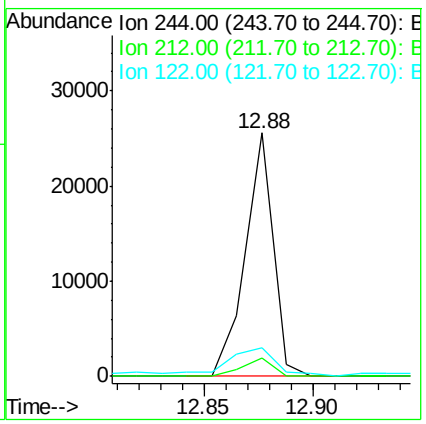


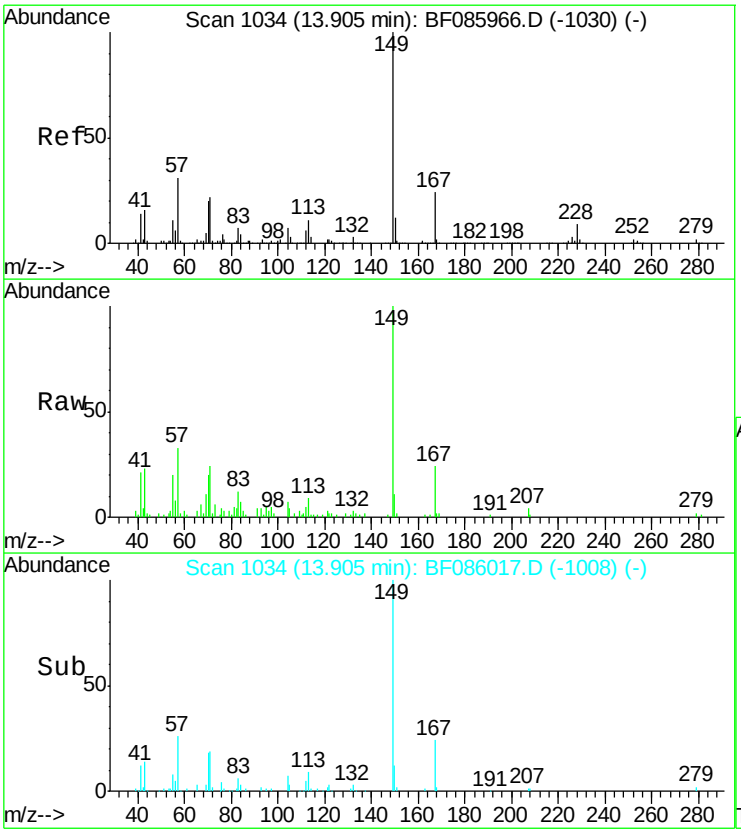
#78
Terphenyl-d14
Concen: 2.33 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:244 Resp: 22768

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.7	10.2	15.4

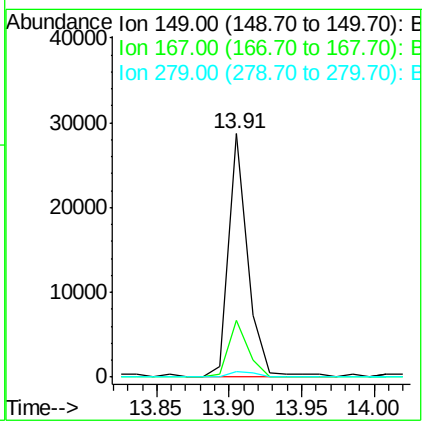


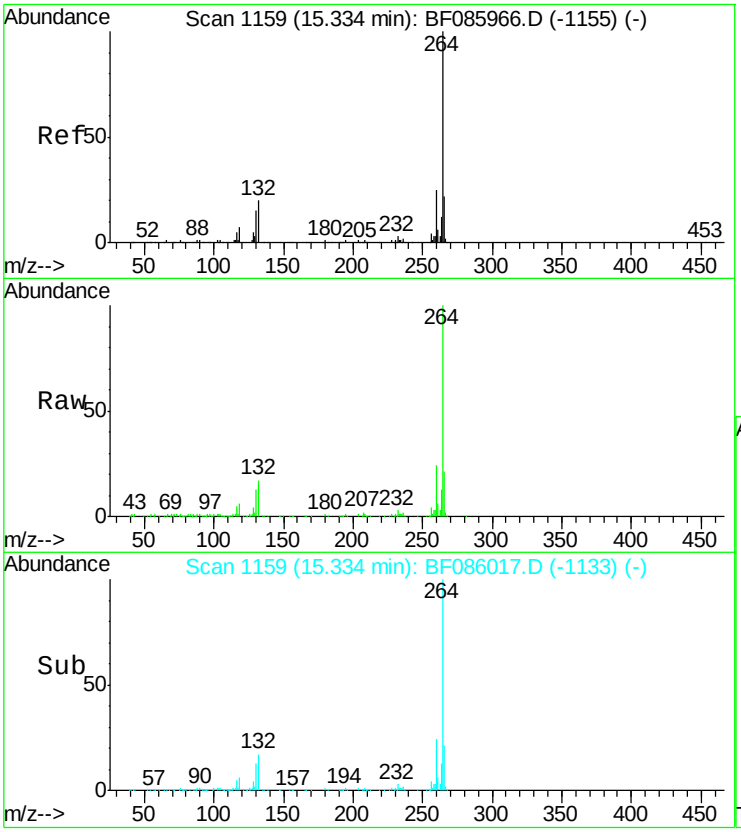


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.74 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Tgt Ion:149 Resp: 26510

Ion	Ratio	Lower	Upper
149	100		
167	23.5	19.4	29.2
279	2.4	1.5	2.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086017.D
Acq: 2 Apr 2016 17:50

Instrument :
BNA_F
ClientSampleId :
W1DAY1

Tgt Ion:264 Resp: 204290

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.3	17.2	25.8