Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085751.D
Acq On : 25 Mar 2016 9:25
Operator : UM/SJ
Sample : H1739-03DL 5X
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PT-BN-WPDL

Quant Time: Mar 25 14:27:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131022	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	474438	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	216339	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	312089	20.00	ng		0.00
75) Chrysene-d12	13.98	240	252601	20.00	ng		0.00
86) Perylene-d12	15.40	264	251142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	186760	23.74	ng		0.01
7) Phenol-d6	6.46	99	248360	24.83	ng		0.00
23) Nitrobenzene-d5	7.38	82	147628	17.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	34389	16.73	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	270535	20.89	ng		0.00
78) Terphenyl-d14	12.93	244	177139	14.42	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.05	42	75583	20.96	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	163985	18.80	ng		91
12) 1,3-Dichlorobenzene	6.77	146	262274	26.65	ng		98
18) Hexachloroethane	7.34	117	63337	17.33	ng		100
24) Nitrobenzene	7.41	77	132583	15.27	ng		94
25) Isophorone	7.65	82	459040	28.28	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	56560	7.98	ng		91
31) Naphthalene	8.13	128	110988	4.64	ng		99
37) 2-Methylnaphthalene	8.82	142	193978	11.12	ng		98
46) 2-Chloronaphthalene	9.32	162	399397	29.75	ng		97
49) Dimethylphthalate	9.59	163	487140	29.68	ng		98
50) 2,6-Dinitrotoluene	9.65	165	66936	18.95	ng		86
51) Acenaphthene	9.90	154	266612	19.96	ng		99
56) 2,4-Dinitrotoluene	10.06	165	31314	6.97	ng		93
57) Fluorene	10.41	166	300986	20.94	ng		99
59) Diethylphthalate	10.28	149	255203	15.74	ng		95
60) 4-Chlorophenyl-phenylether	10.40	204	144754	20.60	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	13251	4.15	ng		95
67) Hexachlorobenzene	10.96	284	31969	9.57	ng		93
70) Phenanthrene	11.37	178	533789	33.31	ng		99
71) Anthracene	11.42	178	120637	7.17	ng		98
73) Di-n-butylphthalate	11.91	149	368670	19.02	ng		99
74) Fluoranthene	12.55	202	231772	13.61	ng		98
79) Butylbenzylphthalate	13.40	149	86155	9.91	ng	#	66
83) Bis(2-ethylhexyl)phthalate	13.96	149	348342	33.46	ng		99
84) Di-n-octyl phthalate	14.57	149	586362	37.87	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	90331	8.06	ng	#	91
87) Benzo(b)fluoranthene	15.00	252	353009	22.31	ng	#	95

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

Quantitation Report (QT Reviewed)

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Data File : BF085751.D
Acq On : 25 Mar 2016 9:25
Operator : UM/SJ
Sample : H1739-03DL 5X
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Quant Time: Mar 25 14:27:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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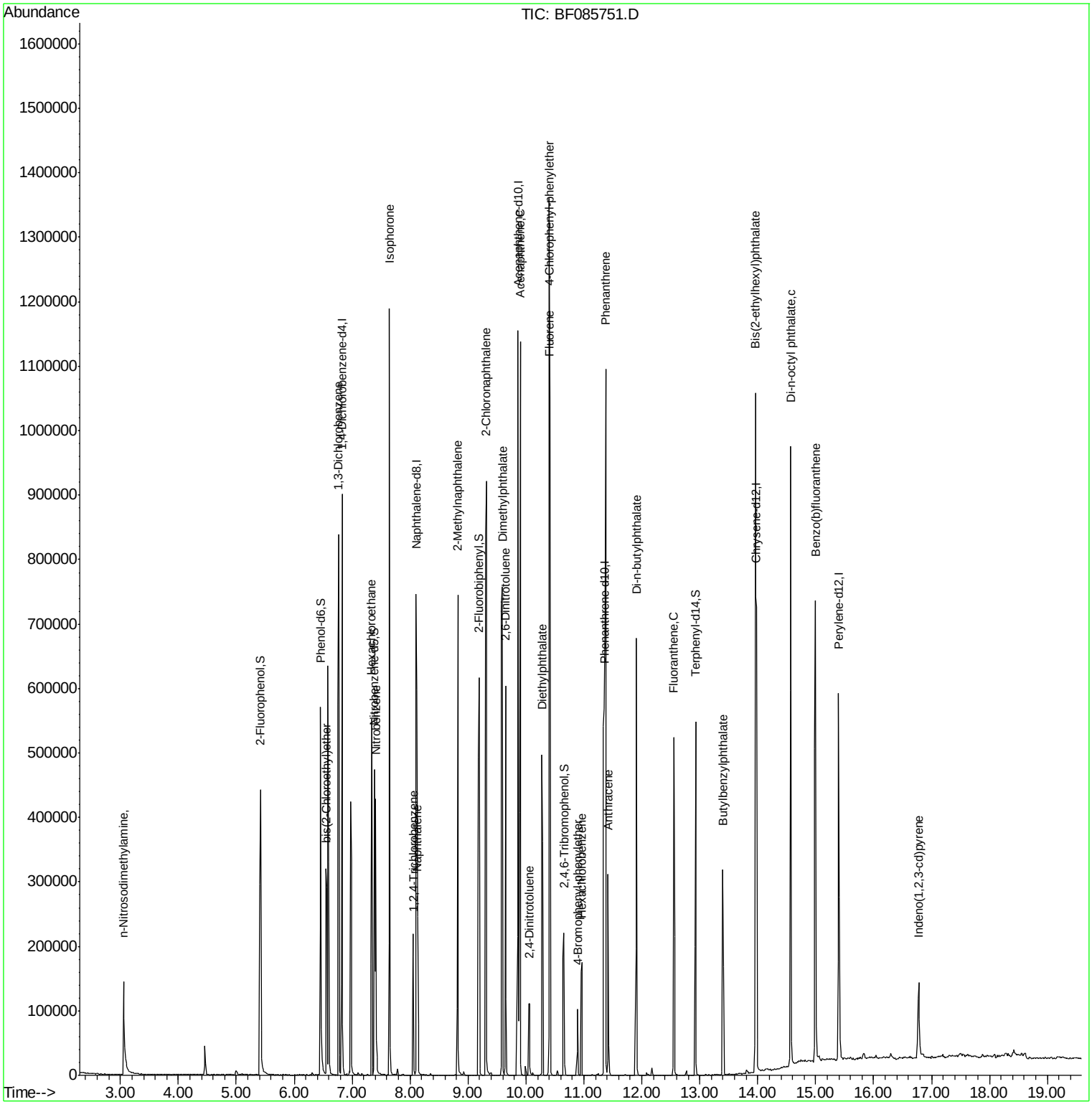
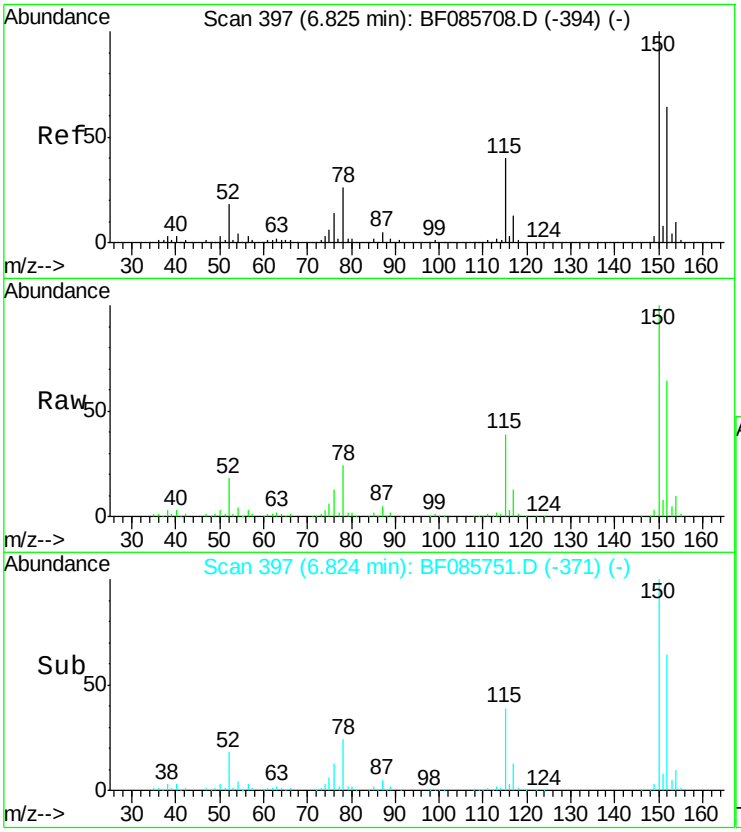


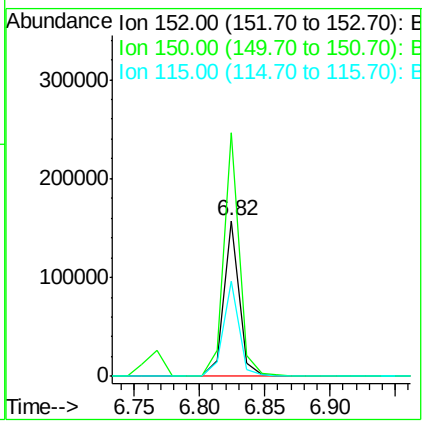


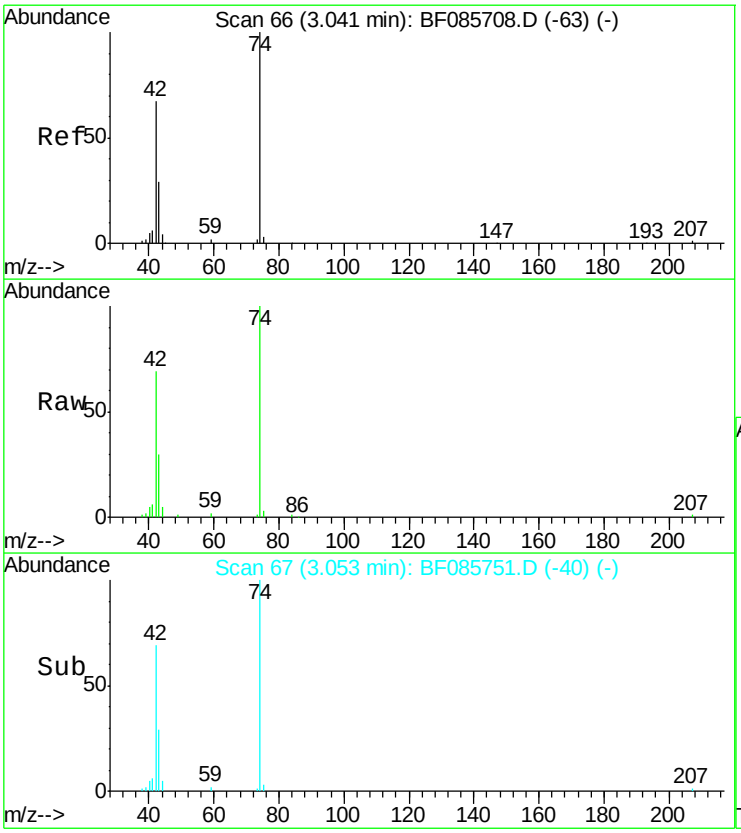
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 131022

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	61.3	47.0	70.6

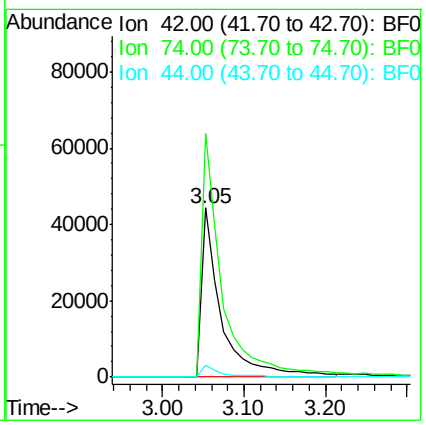


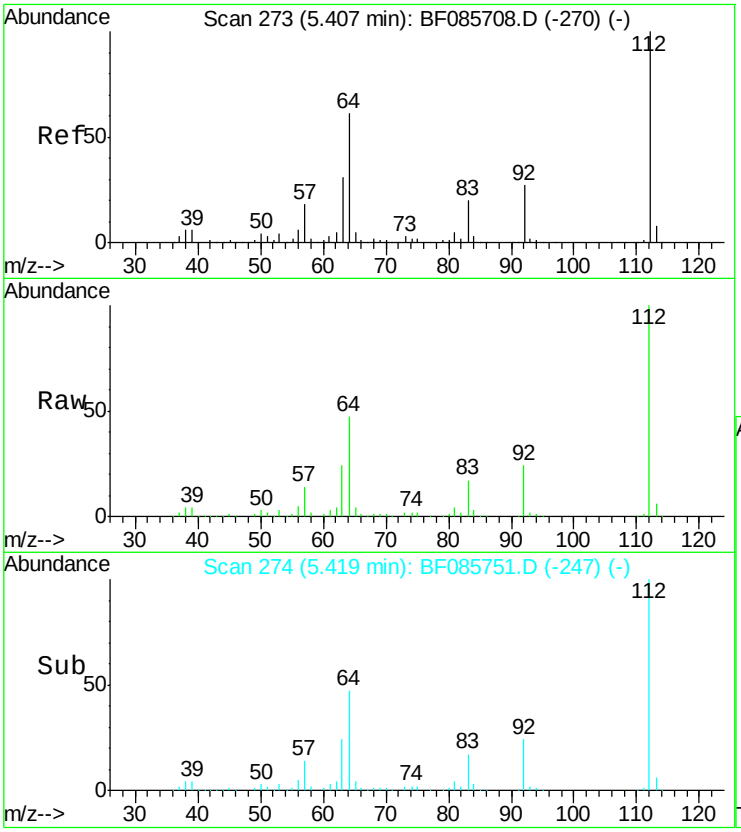


#4
n-Nitrosodimethylamine
Concen: 20.96 ng
RT: 3.05 min Scan# 67
Delta R.T. 0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion: 42 Resp: 75583

Ion	Ratio	Lower	Upper
42	100		
74	144.2	121.4	182.2
44	7.4	5.6	8.4



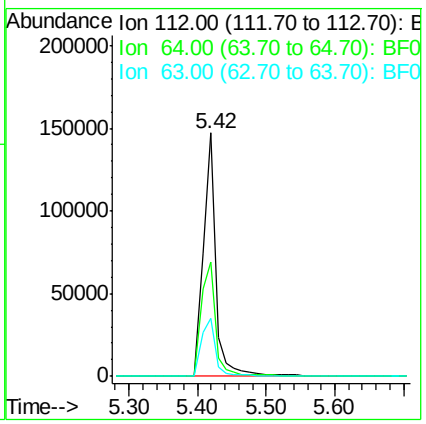


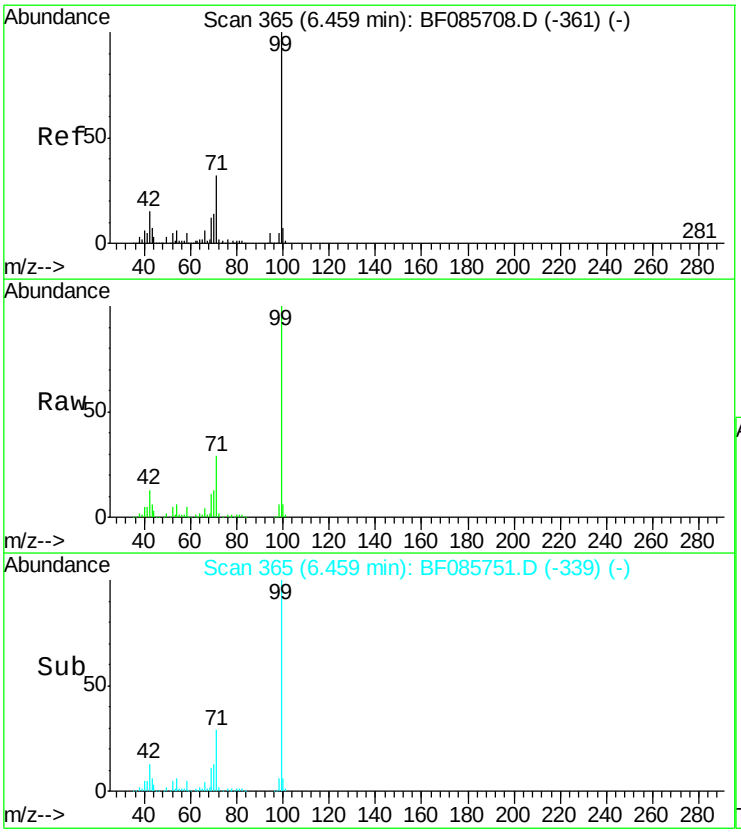
#5
2-Fluorophenol
Concen: 23.74 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:112 Resp: 186760

Ion	Ratio	Lower	Upper
112	100		
64	47.1	39.9	59.9
63	24.1	20.2	30.2

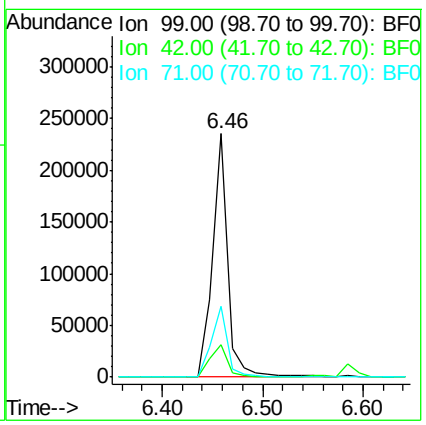


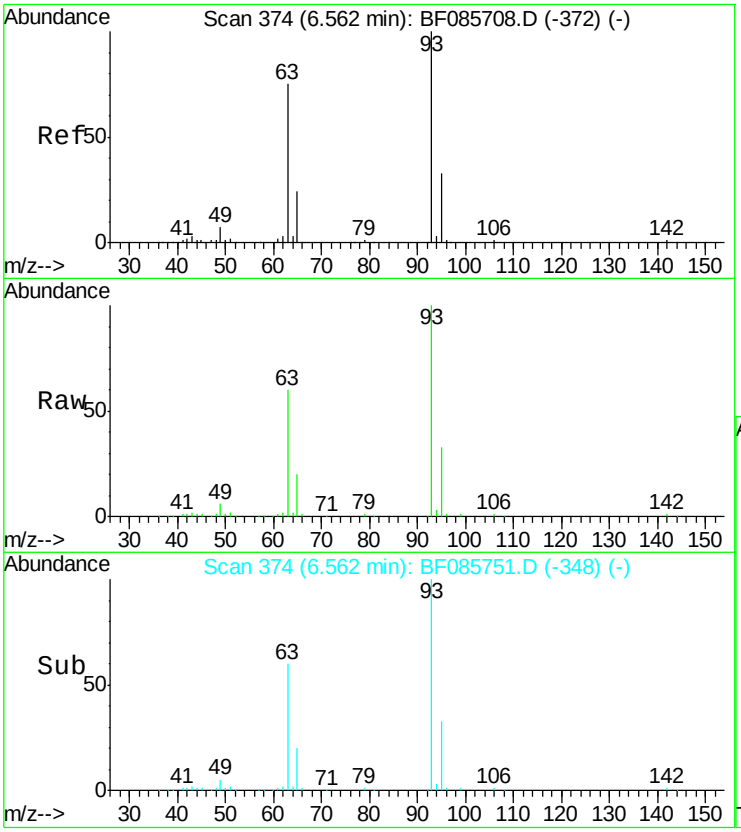


#7
Phenol-d6
Concen: 24.83 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion: 99 Resp: 248360

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.1	16.7
71	29.2	24.9	37.3



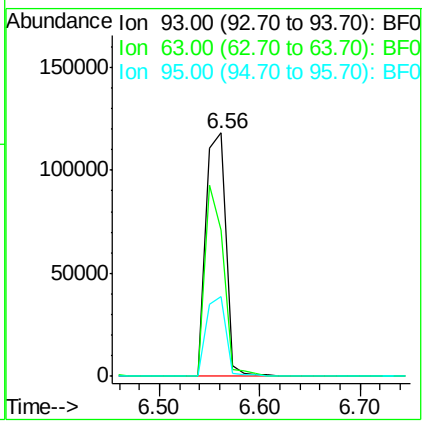


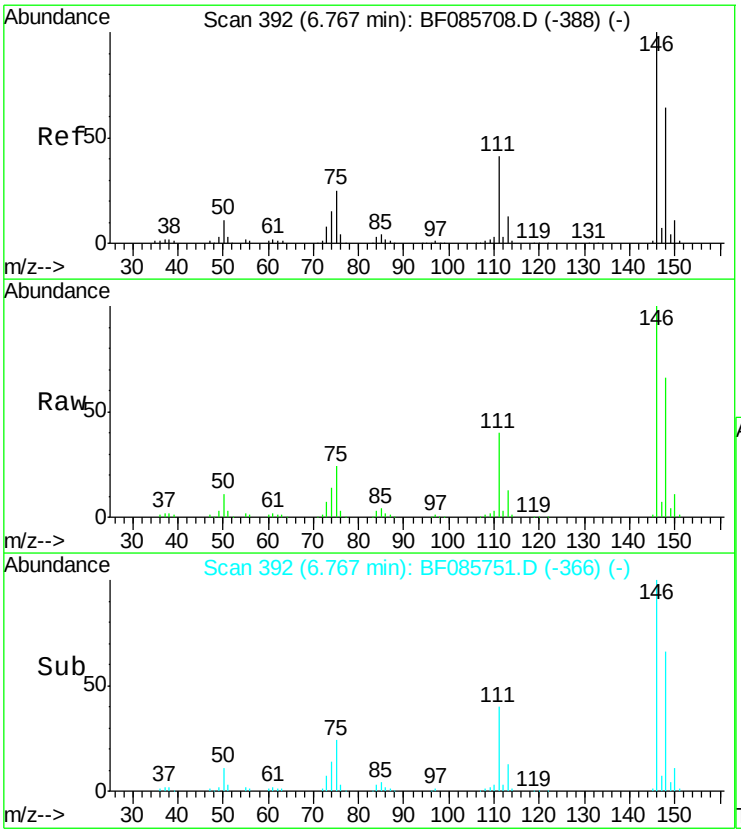
#11
bis(2-Chloroethyl)ether
Concen: 18.80 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 93 Resp: 163985

Ion	Ratio	Lower	Upper
93	100		
63	60.3	50.9	90.9
95	32.8	13.3	53.3

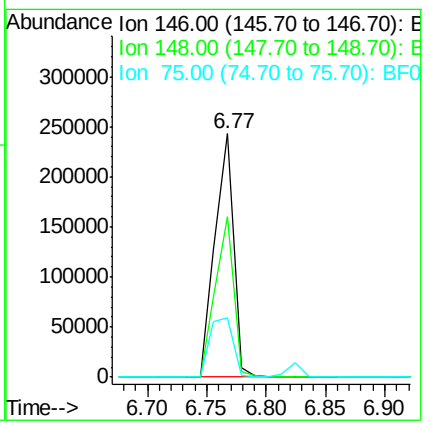


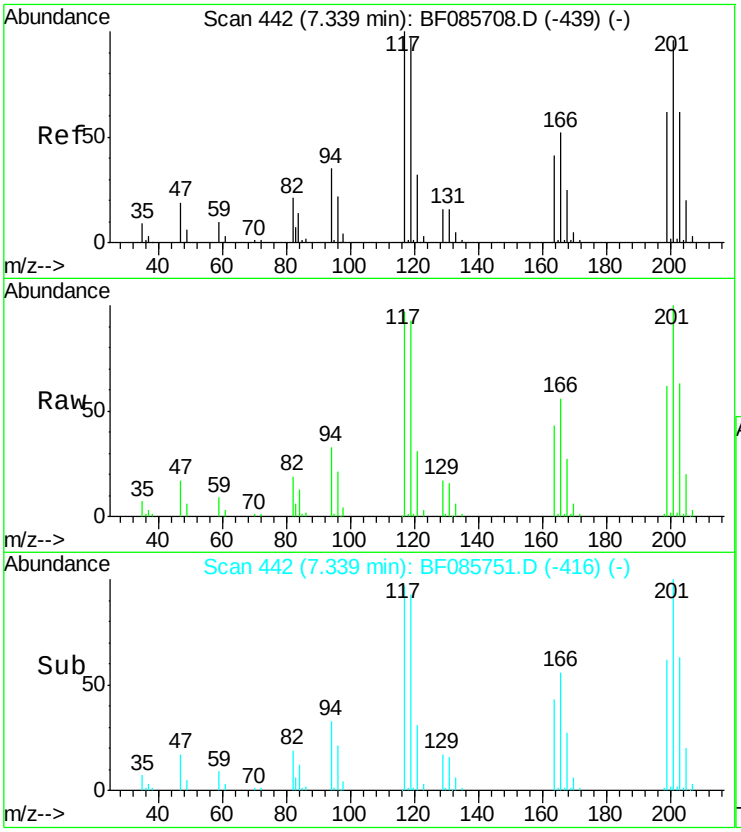


#12
1,3-Dichlorobenzene
Concen: 26.65 ng
RT: 6.77 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:146 Resp: 262274

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
75	24.2	17.4	26.2



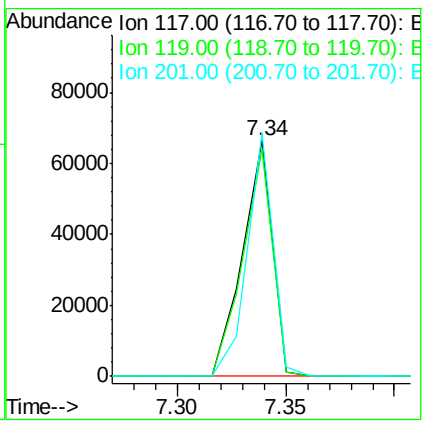


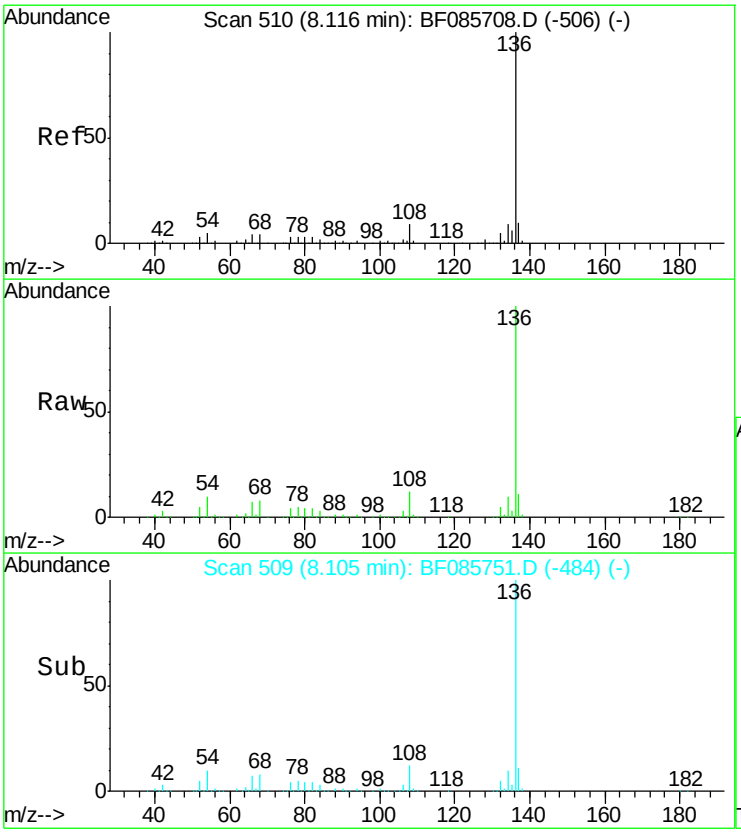
#18
Hexachloroethane
Concen: 17.33 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:117 Resp: 63337

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
201	103.3	83.3	124.9

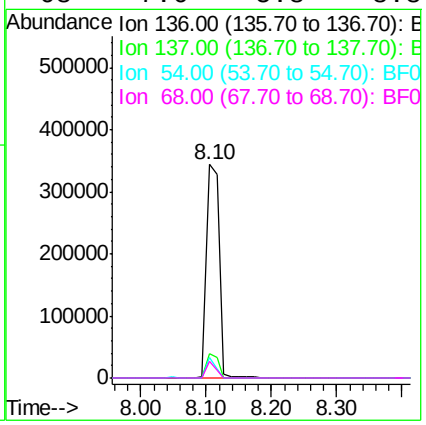


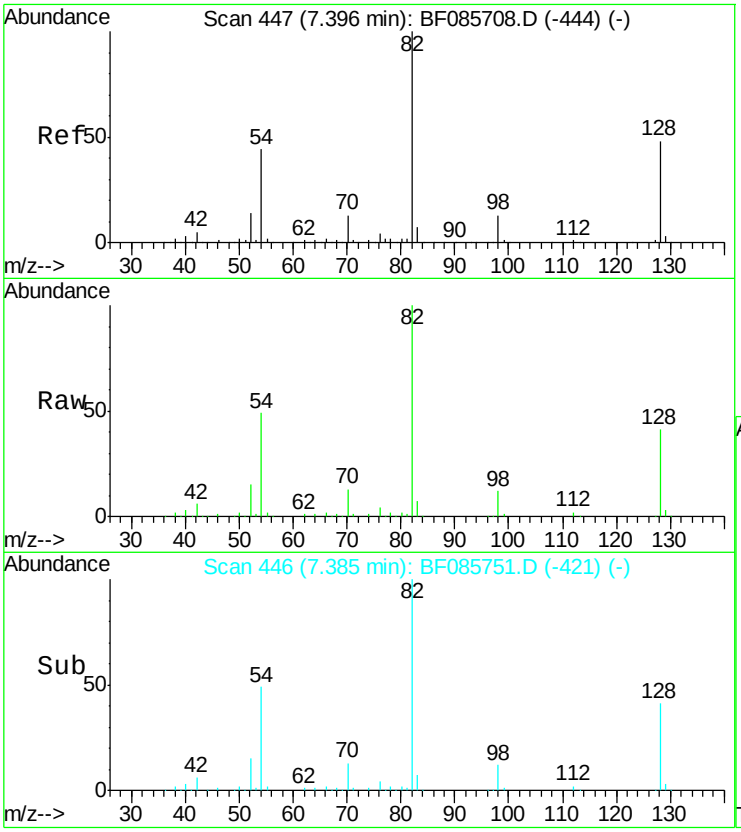


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:136 Resp: 474438

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.7	7.4	11.0
68	7.6	5.8	8.8



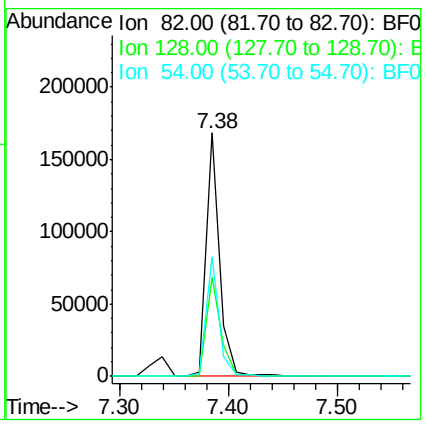


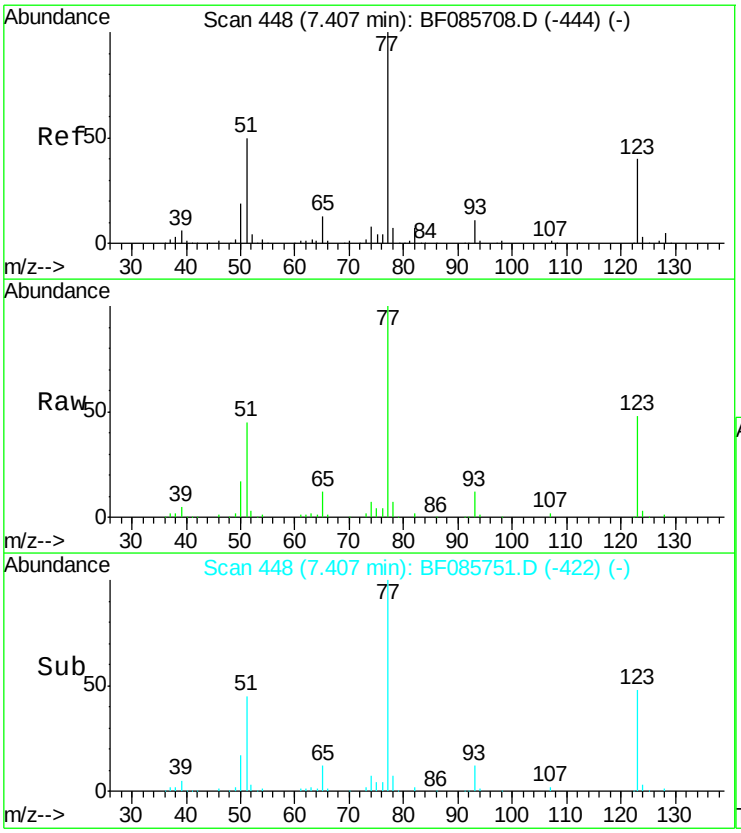
#23
Nitrobenzene-d5
Concen: 17.52 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 82 Resp: 147628

Ion	Ratio	Lower	Upper
82	100		
128	40.8	41.8	62.8#
54	48.8	33.4	50.0

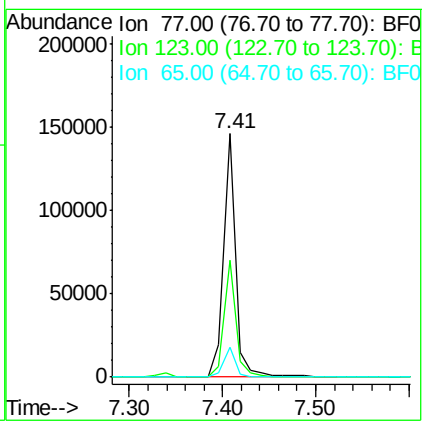


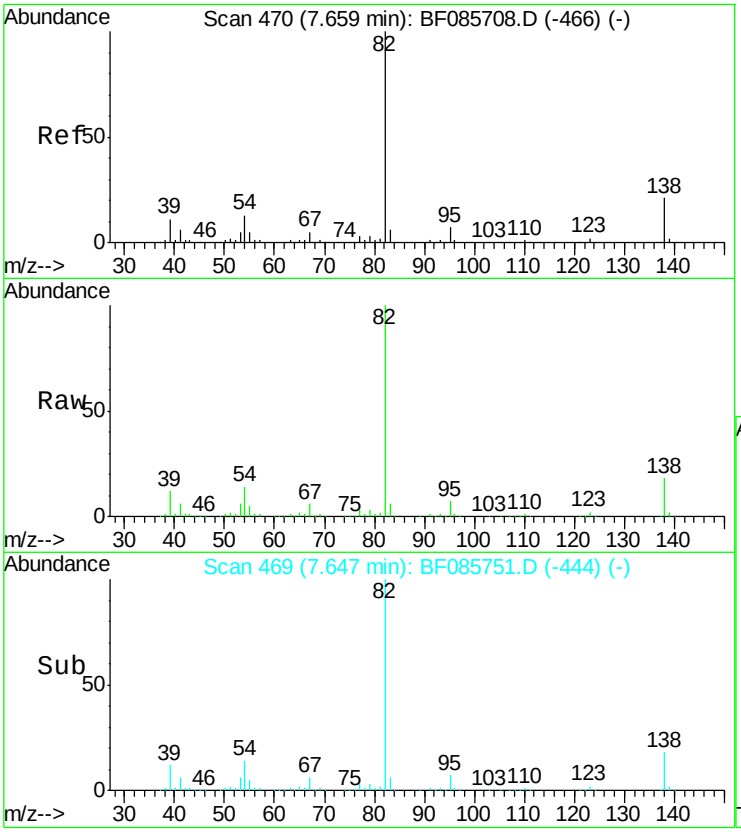


#24
Nitrobenzene
Concen: 15.27 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion: 77 Resp: 132583

Ion	Ratio	Lower	Upper
77	100		
123	48.1	35.0	52.4
65	12.1	10.6	16.0



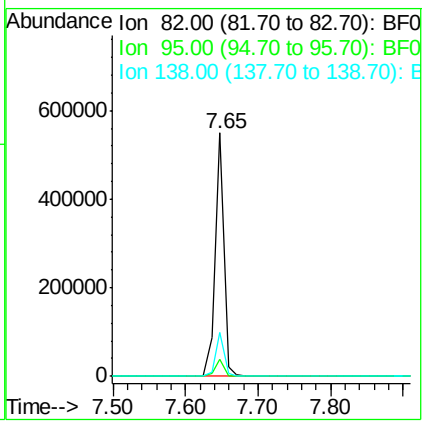


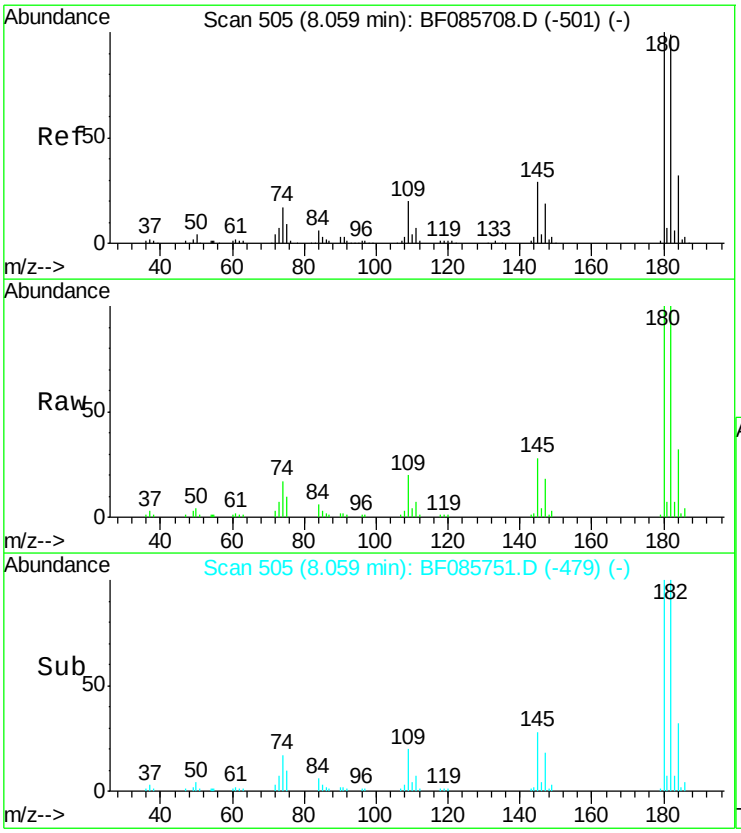
#25
Isophorone
Concen: 28.28 ng
RT: 7.65 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 82 Resp: 459040

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.3	12.9	19.3

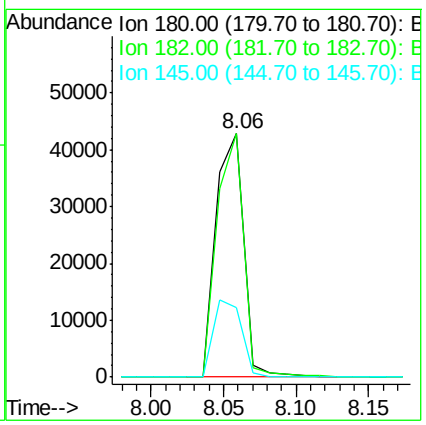


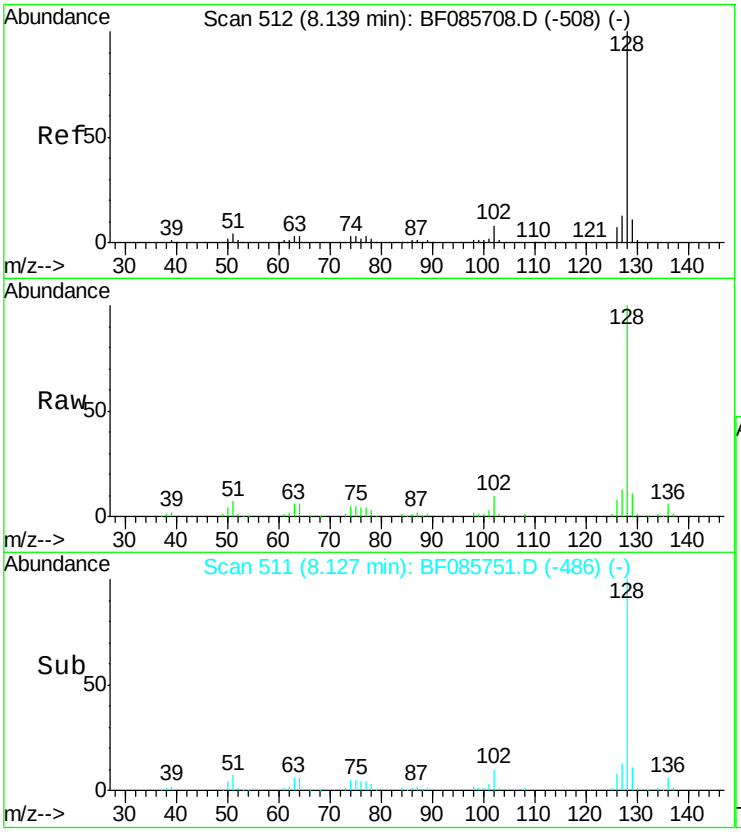


#30
1,2,4-Trichlorobenzene
Concen: 7.98 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:180 Resp: 56560

Ion	Ratio	Lower	Upper
180	100		
182	100.0	73.8	110.8
145	28.5	28.4	42.6



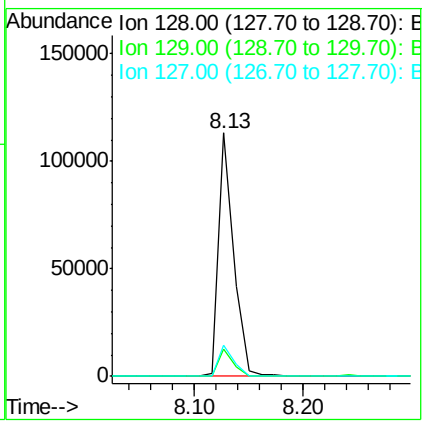


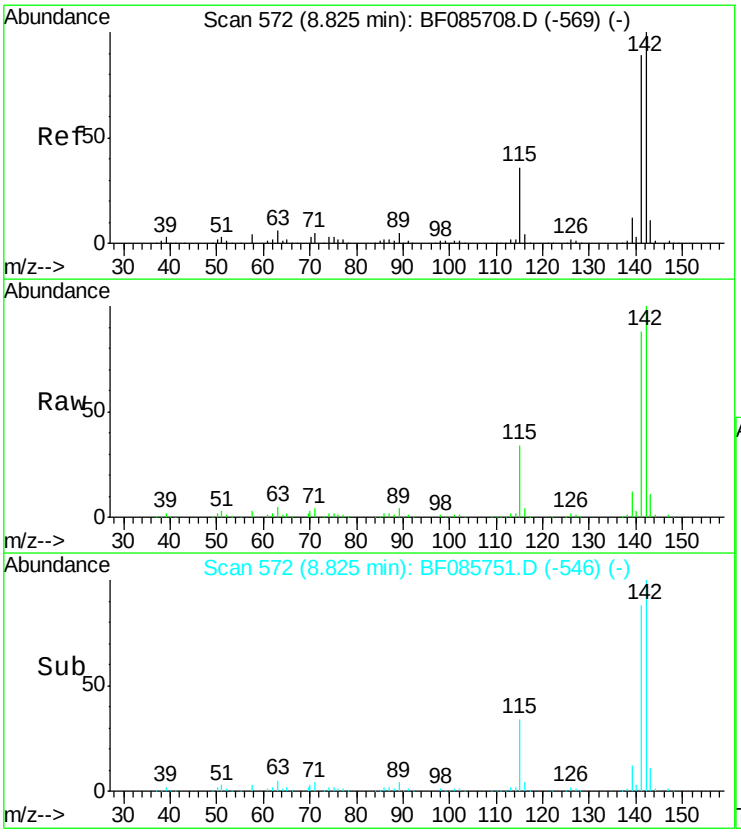
#31
Naphthalene
Concen: 4.64 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 110988

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.0	11.0	16.6

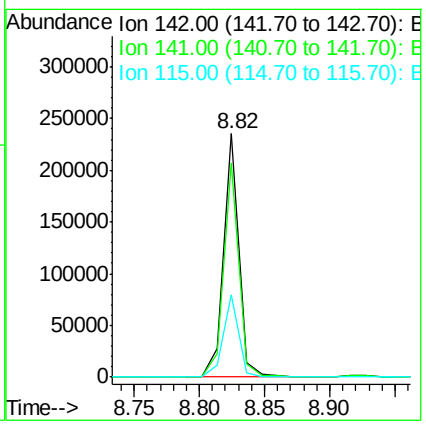


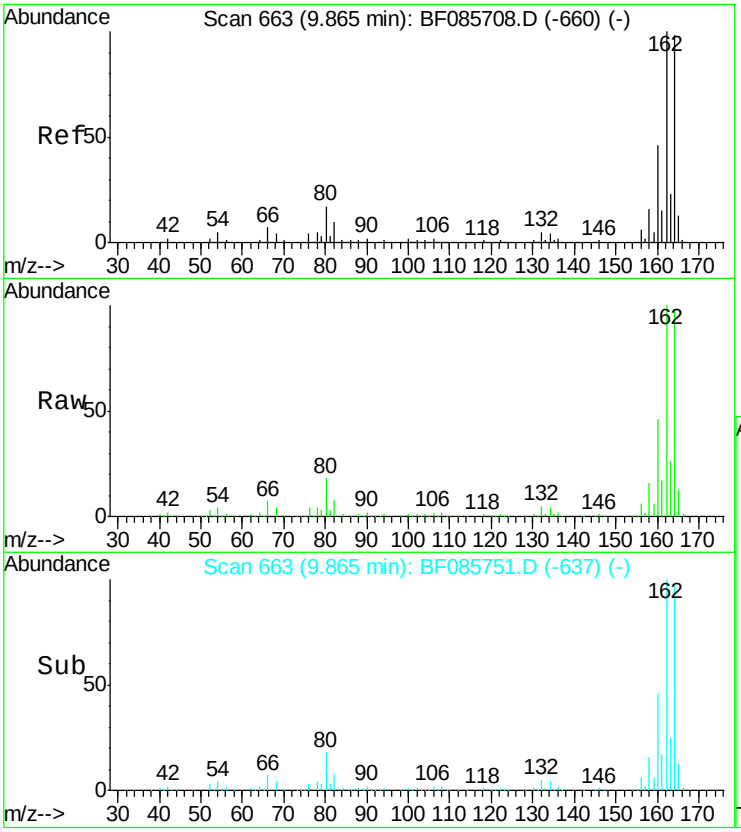


#37
2-Methylnaphthalene
Concen: 11.12 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:142 Resp: 193978

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.6	107.4
115	34.1	26.8	40.2



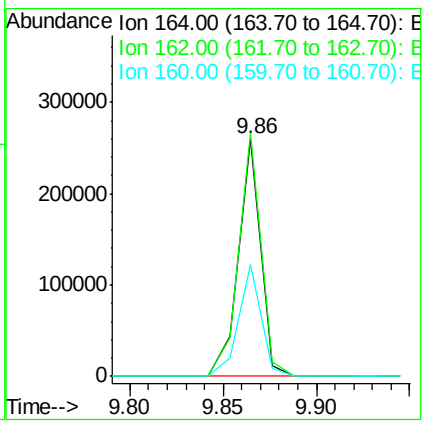


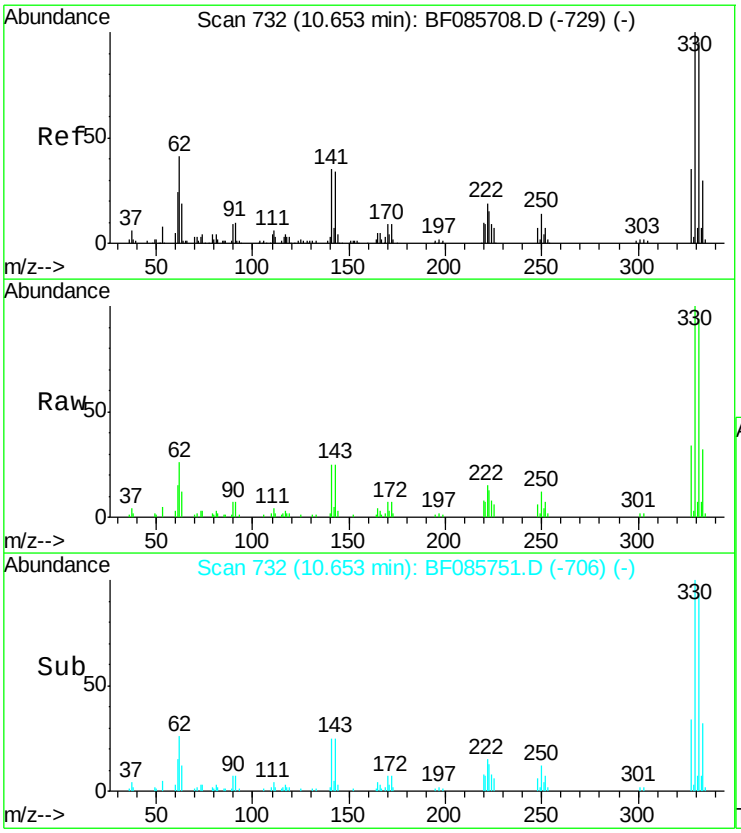
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 216339

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	47.2	37.4	56.2

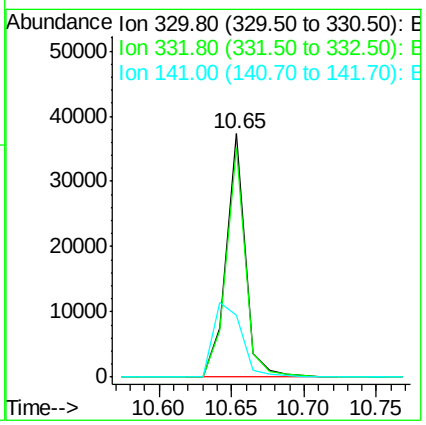


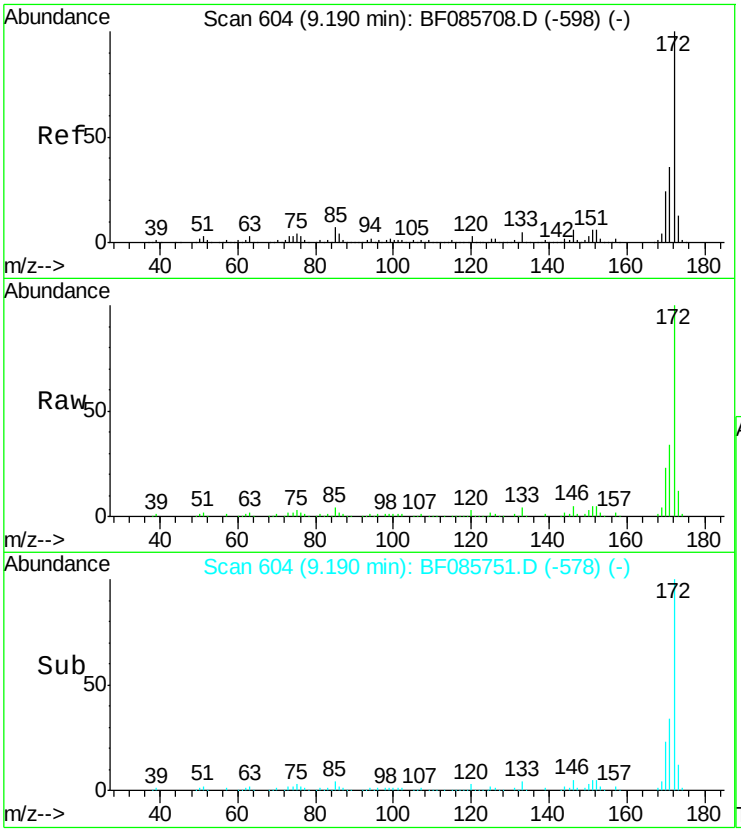


#41
2,4,6-Tribromophenol
Concen: 16.73 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:330 Resp: 34389

Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.2	117.2
141	45.1	31.5	47.3



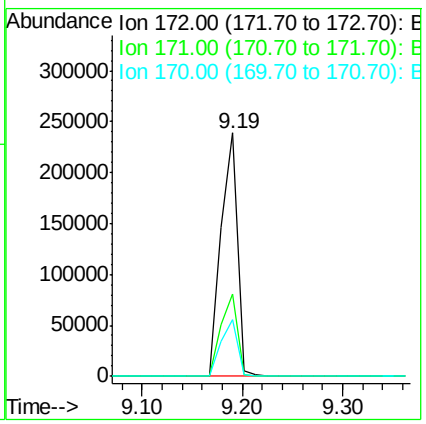


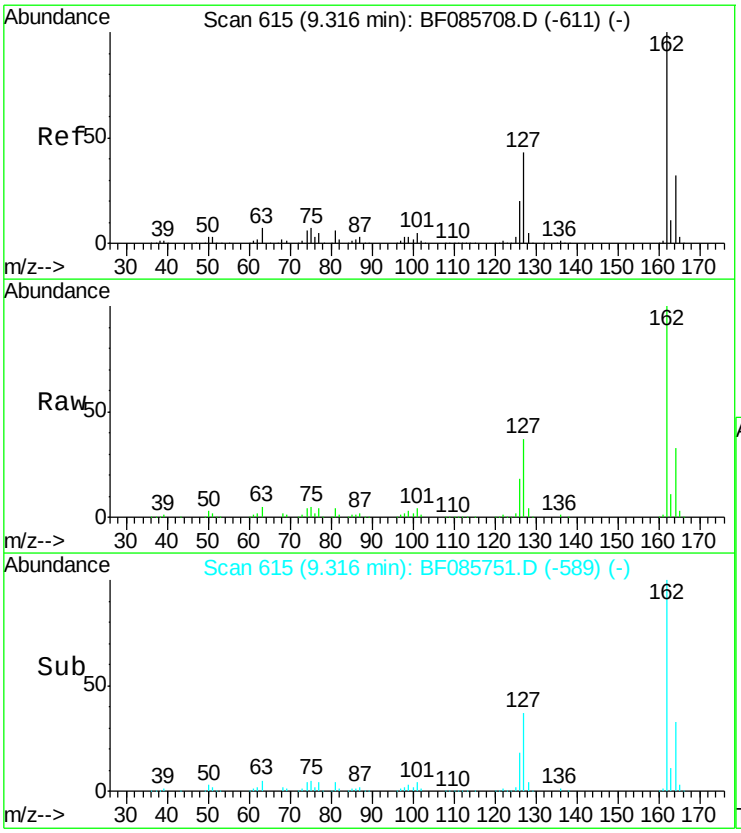
#44
2-Fluorobiphenyl
Concen: 20.89 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 270535

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.2
170	23.3	19.8	29.6

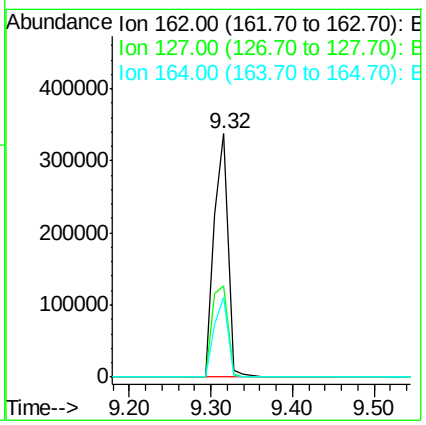


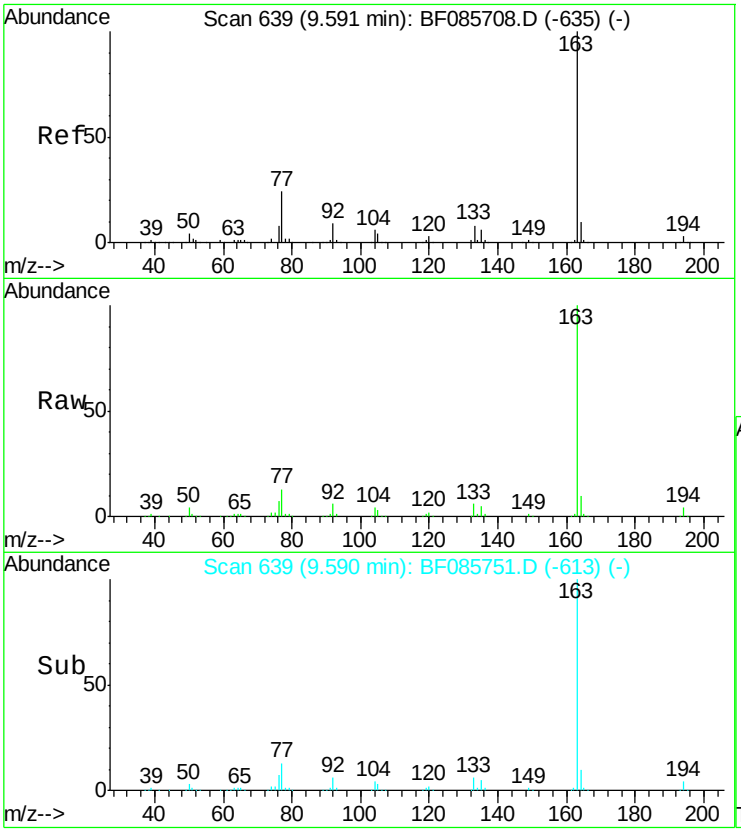


#46
2-Chloronaphthalene
Concen: 29.75 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:162 Resp: 399397

Ion	Ratio	Lower	Upper
162	100		
127	37.4	31.7	47.5
164	32.9	27.3	40.9



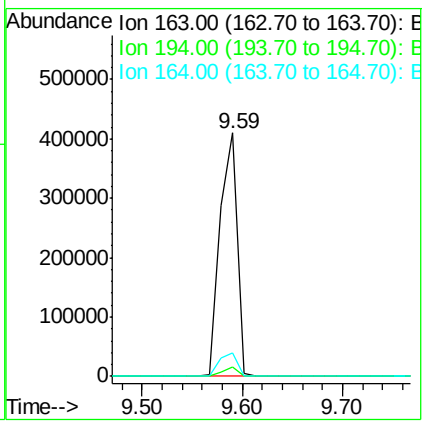


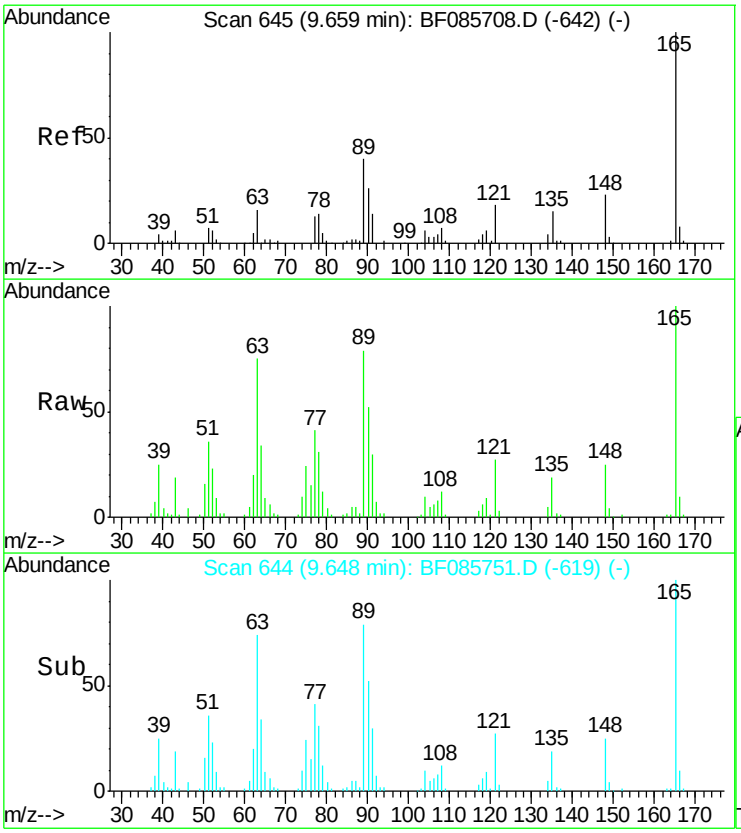
#49
Dimethylphthalate
Concen: 29.68 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:163 Resp: 487140

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.7	8.3	12.5

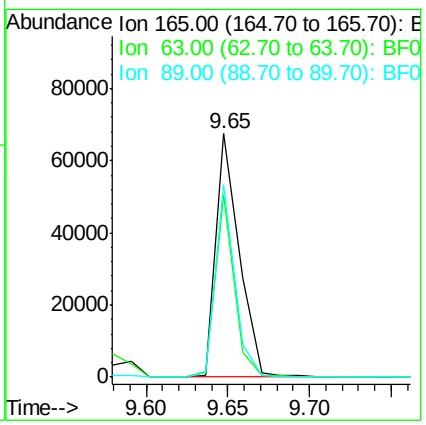


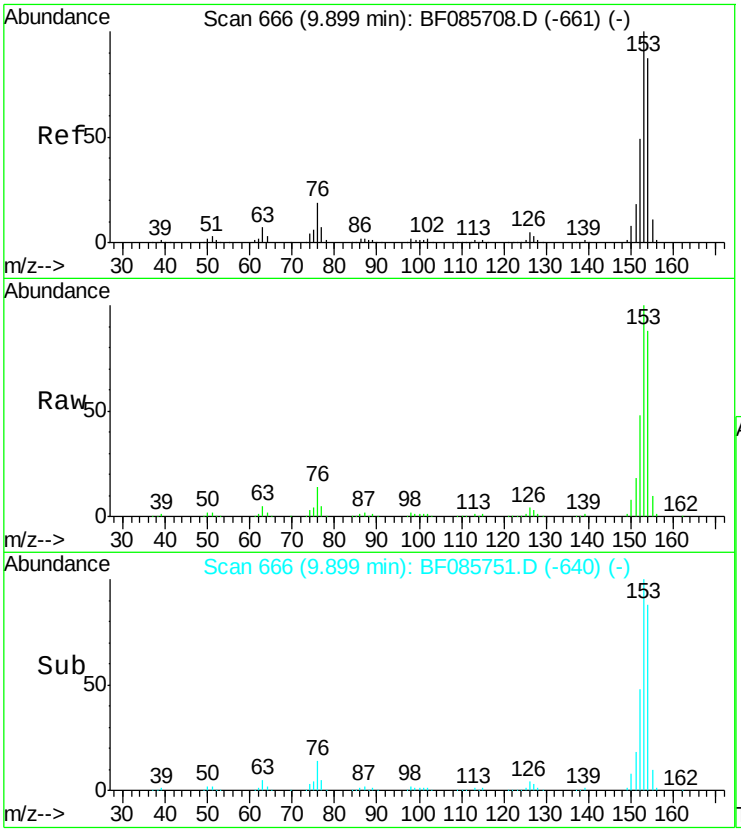


#50
2,6-Dinitrotoluene
Concen: 18.95 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:165 Resp: 66936

Ion	Ratio	Lower	Upper
165	100		
63	74.8	51.8	77.8
89	79.2	53.7	80.5



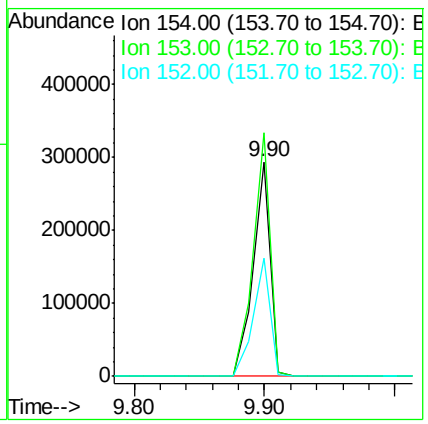


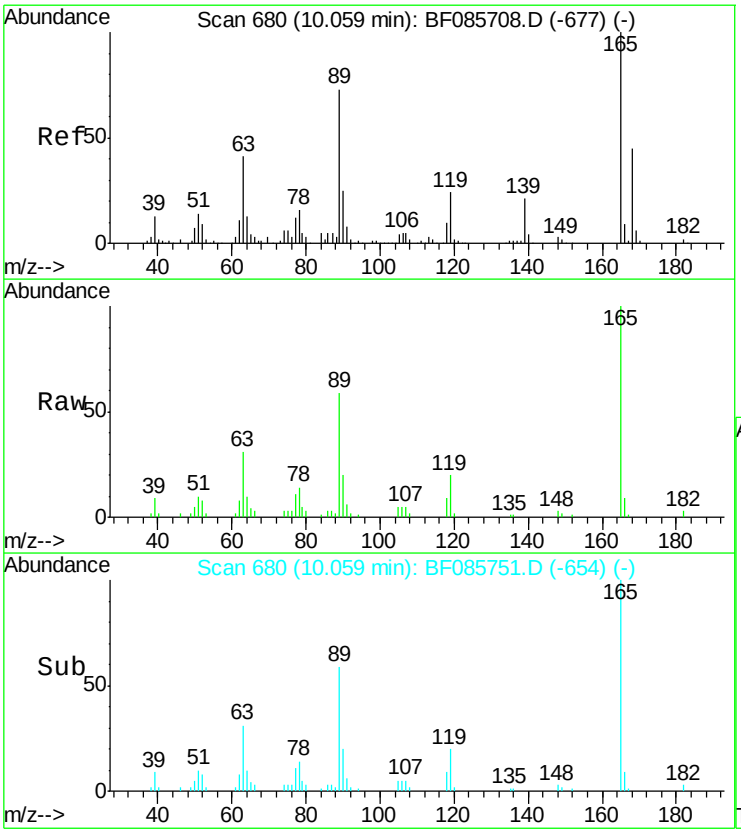
#51
Acenaphthene
Concen: 19.96 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 266612

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.1	135.1
152	55.1	44.2	66.2

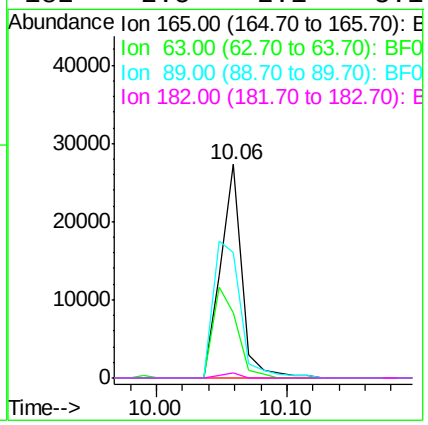


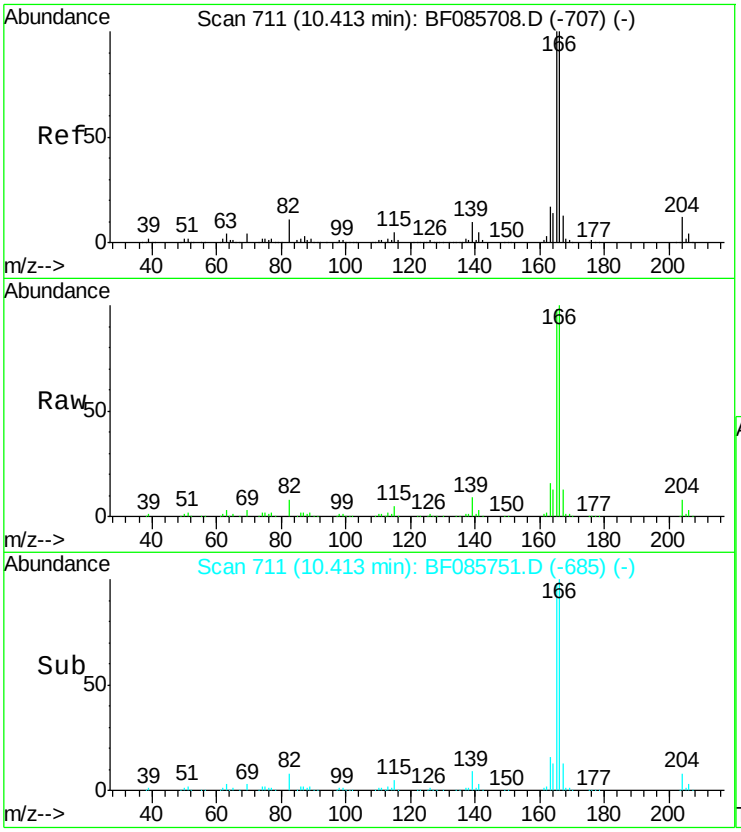


#56
2,4-Dinitrotoluene
Concen: 6.97 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:165 Resp: 31314

Ion	Ratio	Lower	Upper
165	100		
63	30.8	24.9	37.3
89	59.0	41.0	61.6
182	2.5	2.1	3.1



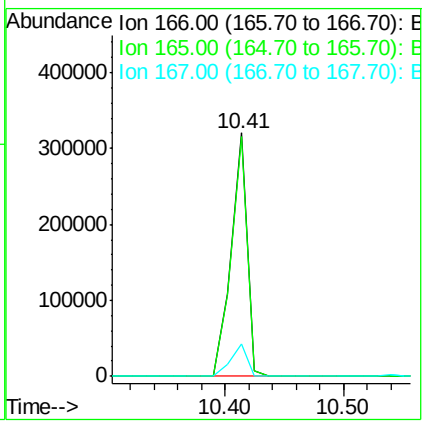


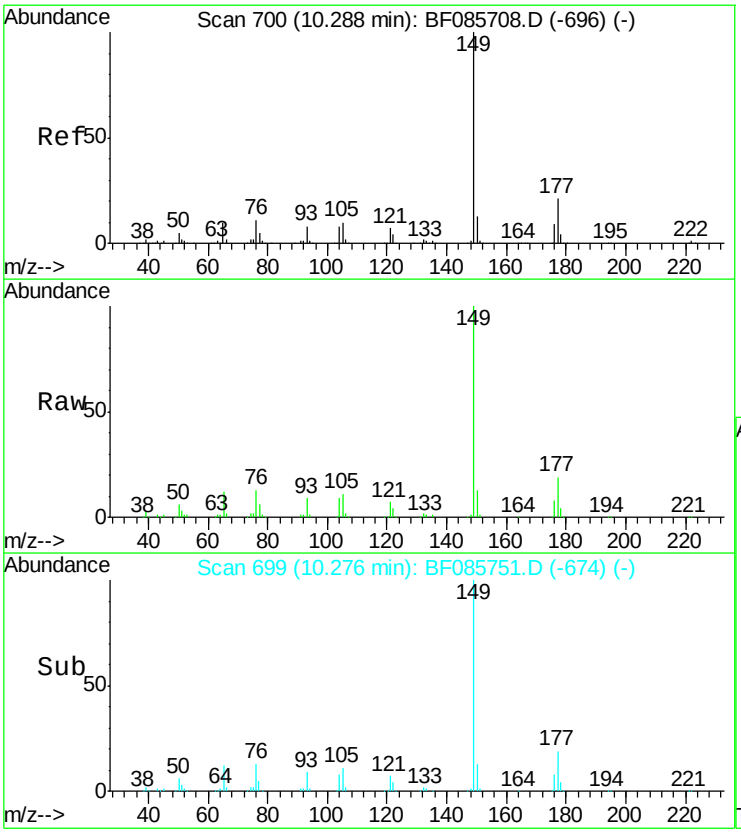
#57
Fluorene
Concen: 20.94 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:166 Resp: 300986

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.4	119.0
167	13.1	11.0	16.4

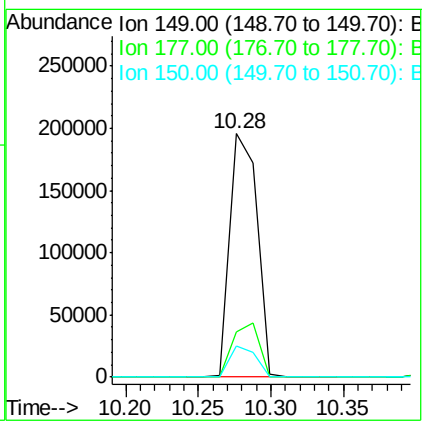


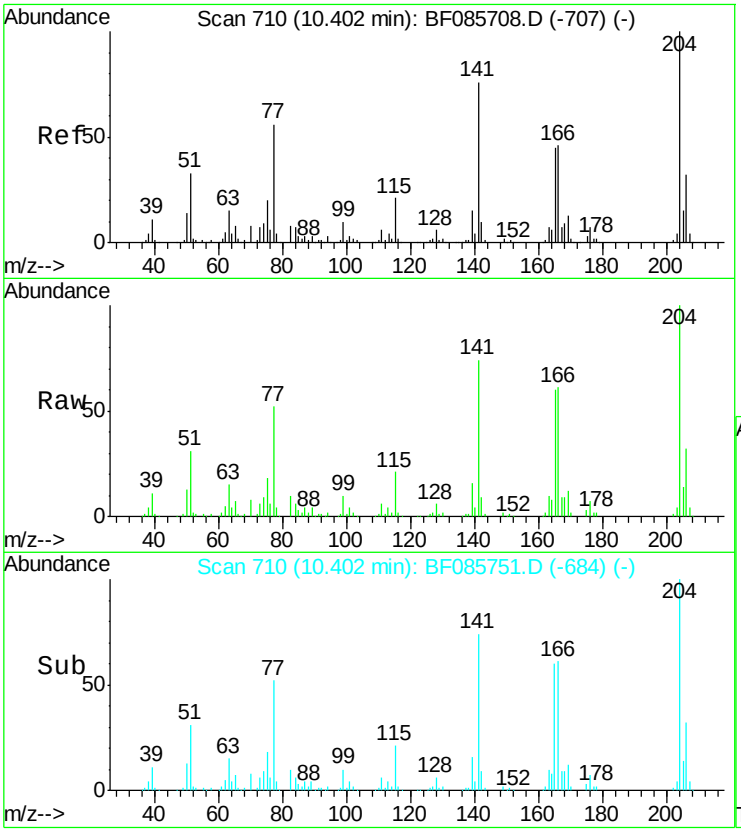


#59
Diethylphthalate
Concen: 15.74 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:149 Resp: 255203

Ion	Ratio	Lower	Upper
149	100		
177	18.6	17.9	26.9
150	13.0	10.2	15.2



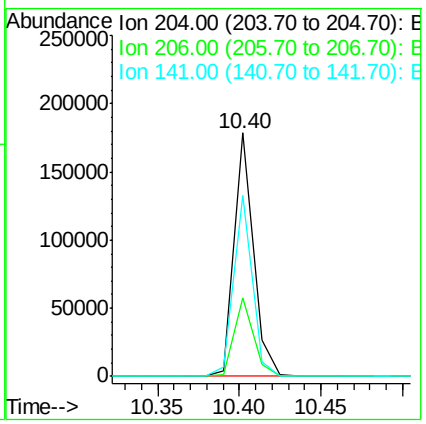


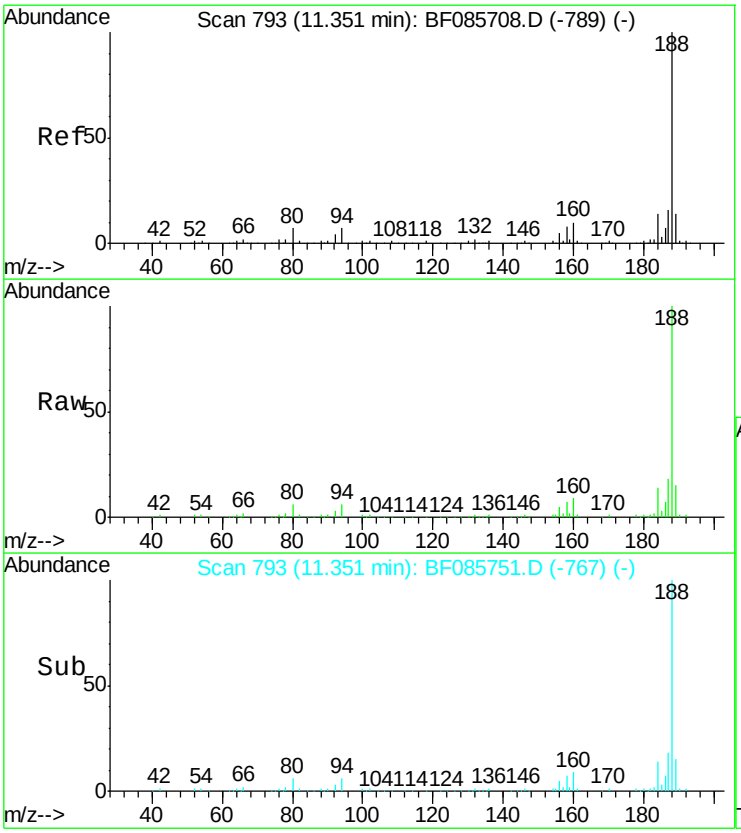
#60
4-Chlorophenyl-phenylether
Concen: 20.60 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:204 Resp: 144754

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	74.1	57.4	86.0

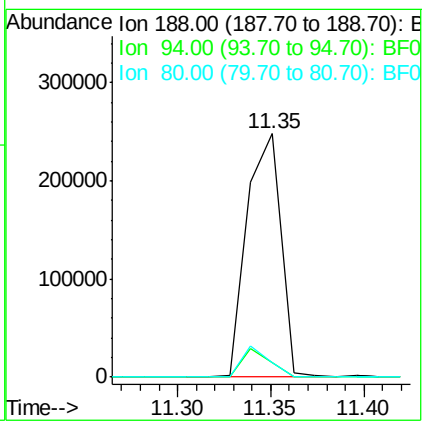


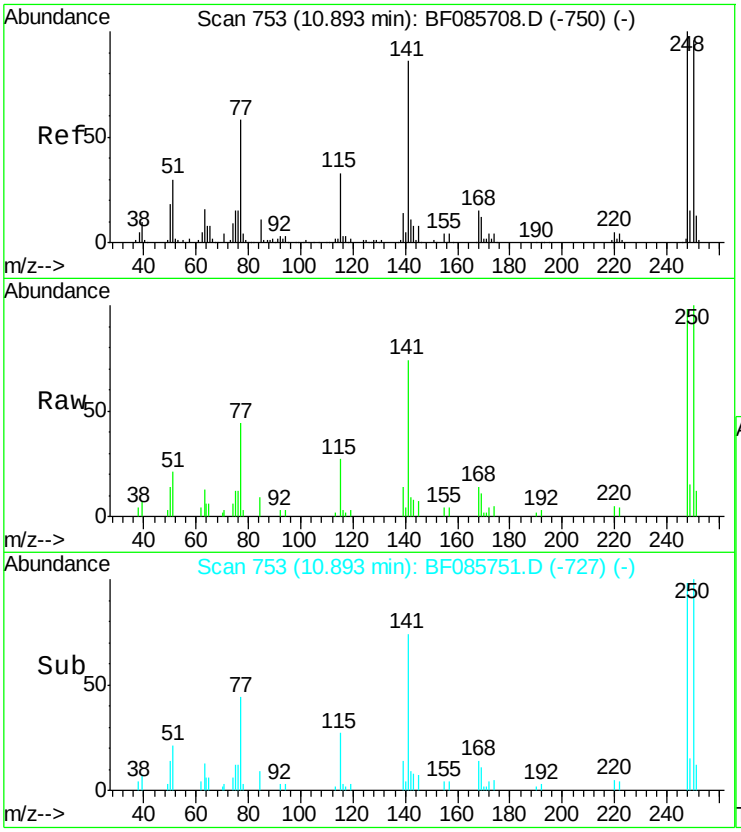


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:188 Resp: 312089

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.4	8.0
80	5.8	5.5	8.3



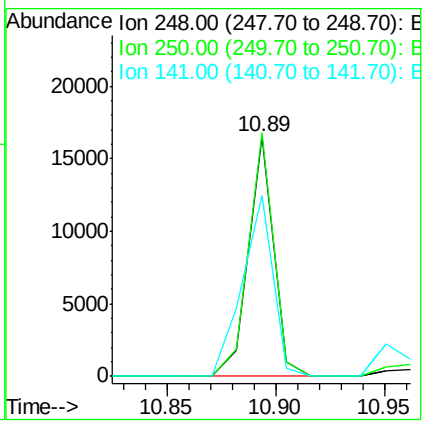


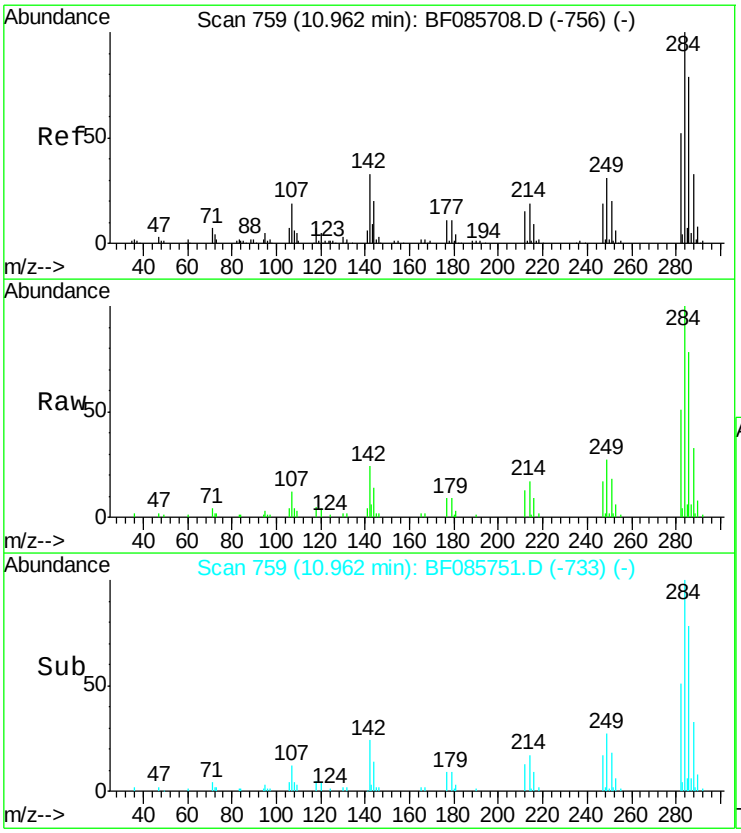
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.89 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:248 Resp: 13251

Ion	Ratio	Lower	Upper
248	100		
250	101.6	77.4	116.0
141	75.4	63.6	95.4

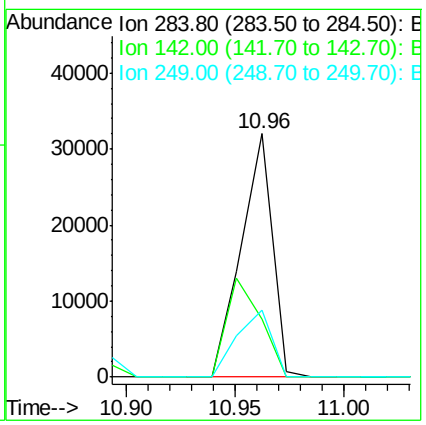


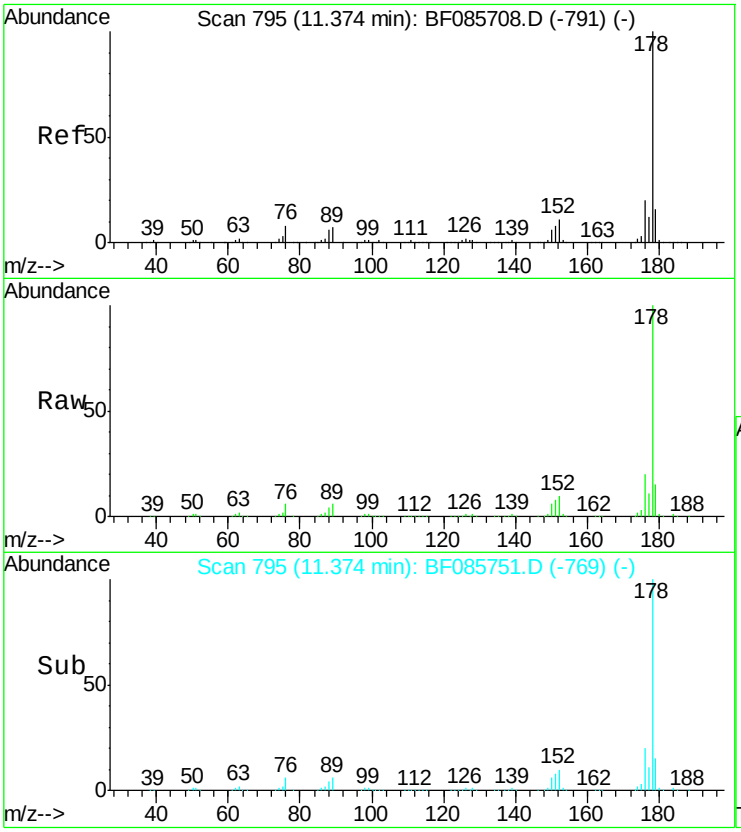


#67
Hexachlorobenzene
Concen: 9.57 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:284 Resp: 31969

Ion	Ratio	Lower	Upper
284	100		
142	24.0	23.1	34.7
249	27.4	24.2	36.2



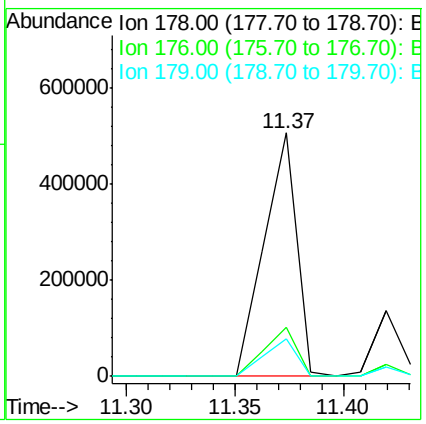


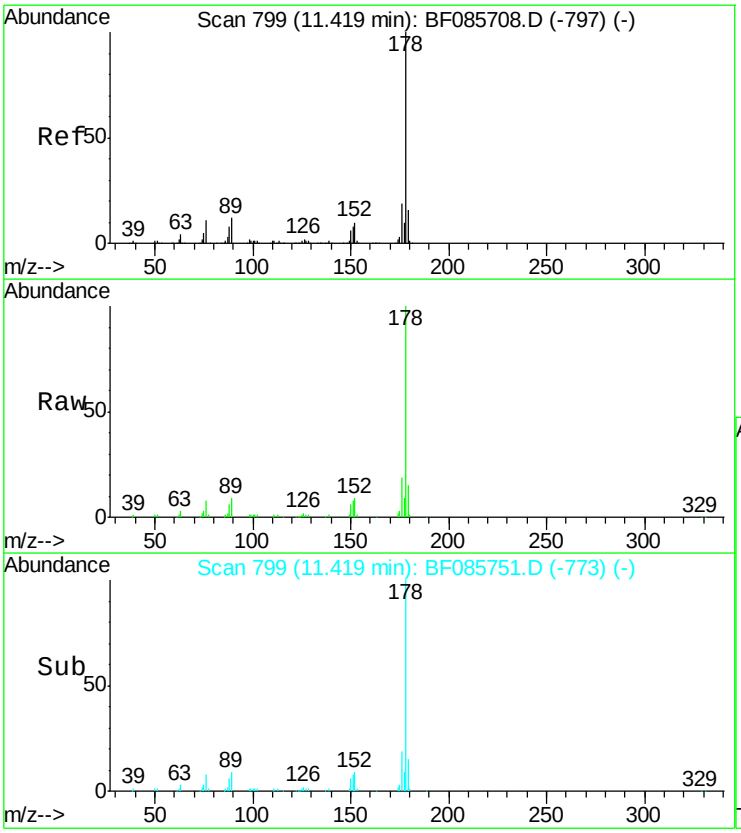
#70
Phenanthrene
Concen: 33.31 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:178 Resp: 533789

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	15.2	12.6	18.8

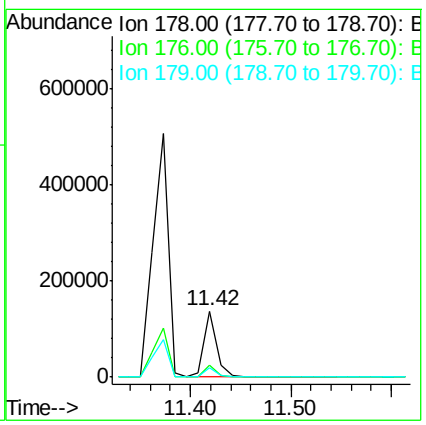


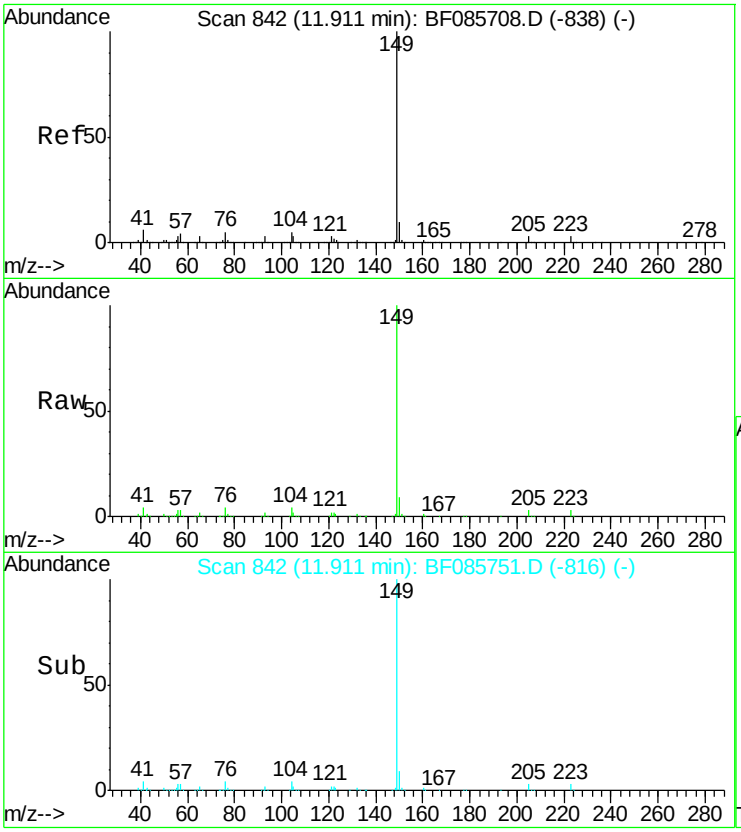


#71
Anthracene
Concen: 7.17 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:178 Resp: 120637

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.2	13.0	19.4



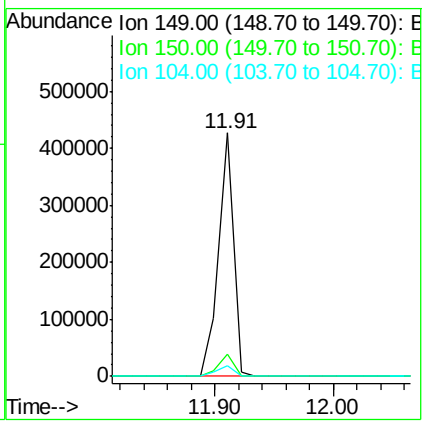


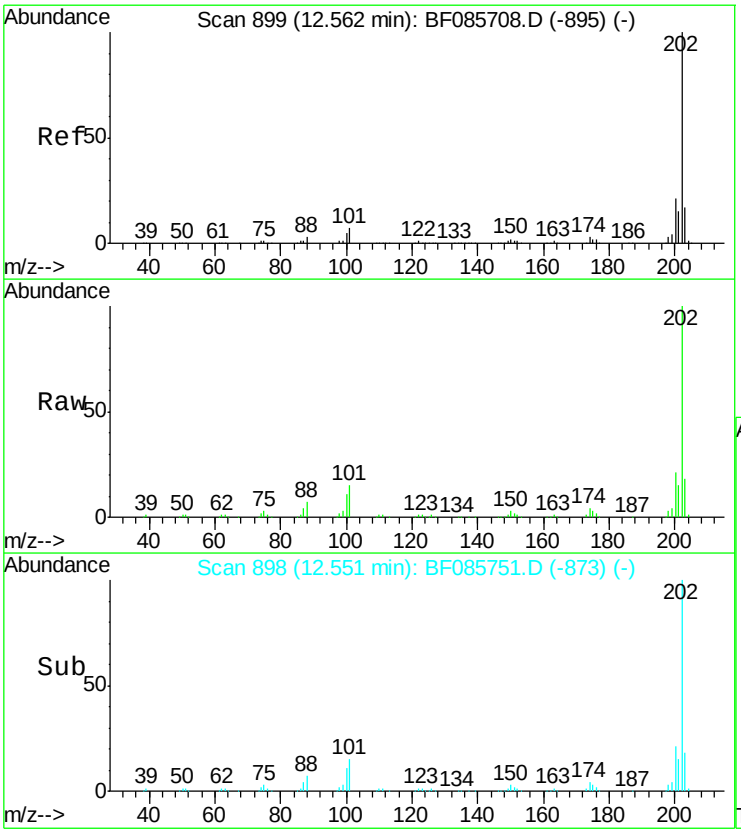
#73
Di-n-butylphthalate
Concen: 19.02 ng
RT: 11.91 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 368670

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.4	3.8	5.8

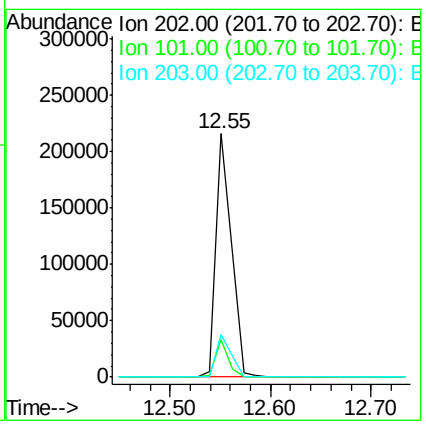


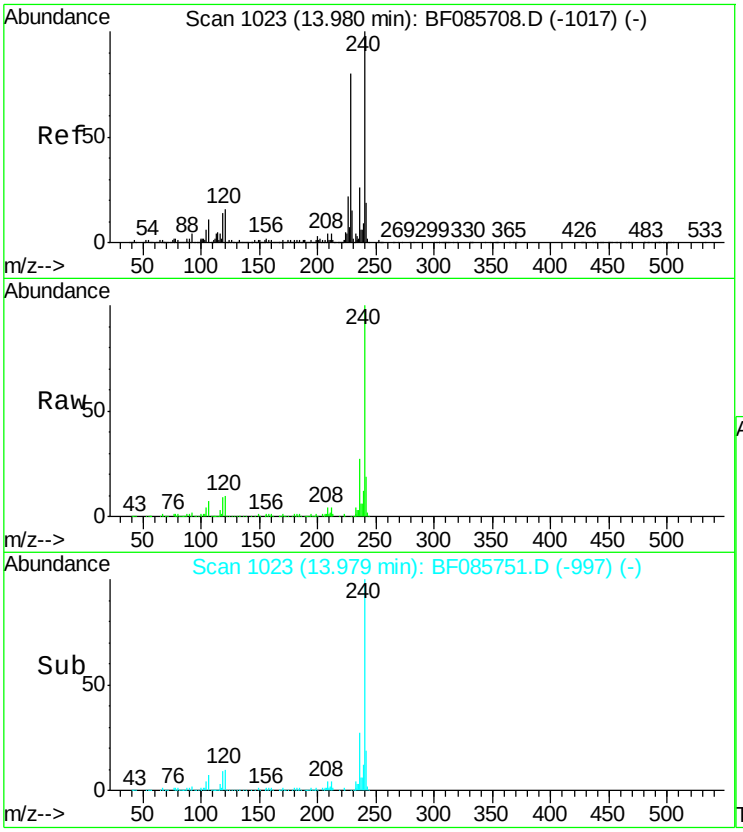


#74
Fluoranthene
Concen: 13.61 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:202 Resp: 231772

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	36.6
203	17.7	0.0	38.1



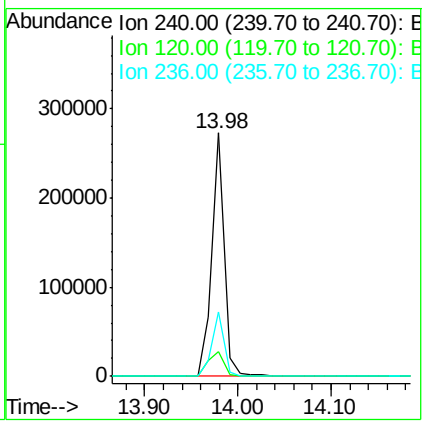


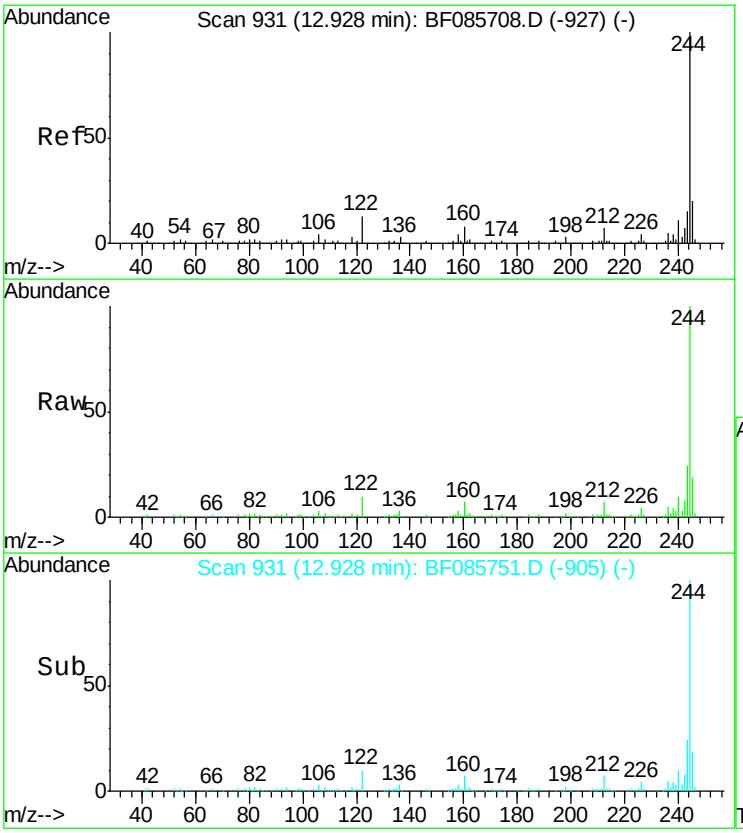
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 252601

Ion	Ratio	Lower	Upper
240	100		
120	10.0	13.8	20.8#
236	26.7	20.6	30.8

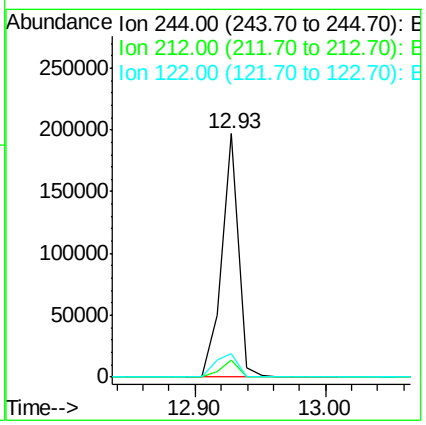


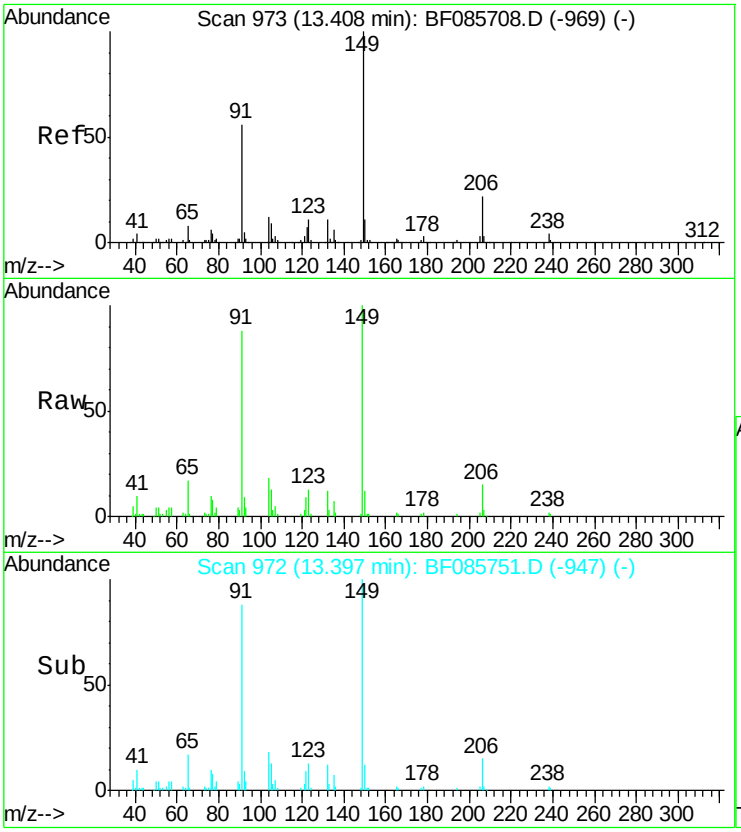


#78
Terphenyl-d14
Concen: 14.42 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:244 Resp: 177139

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	9.6	10.2	15.4#



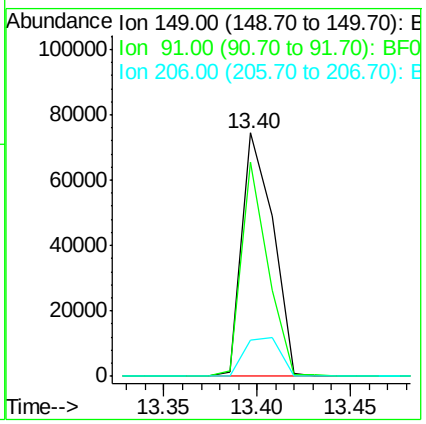


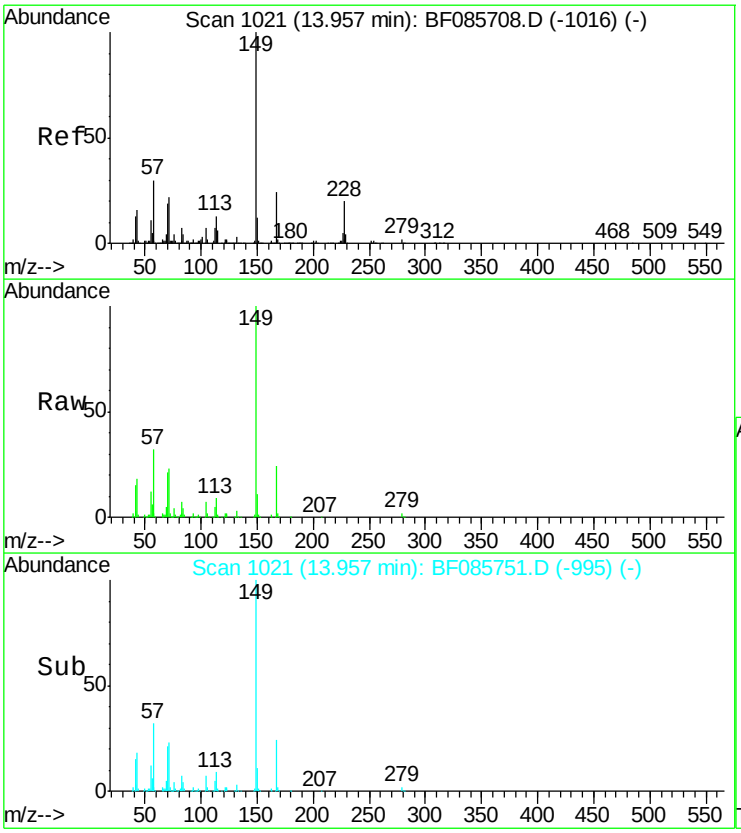
#79
Butylbenzylphthalate
Concen: 9.91 ng
RT: 13.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 86155

Ion	Ratio	Lower	Upper
149	100		
91	88.1	45.8	68.8#
206	14.8	17.8	26.8#

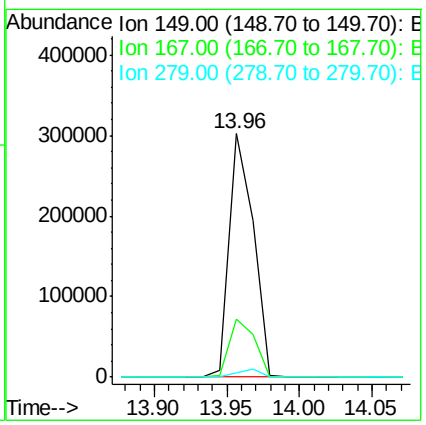


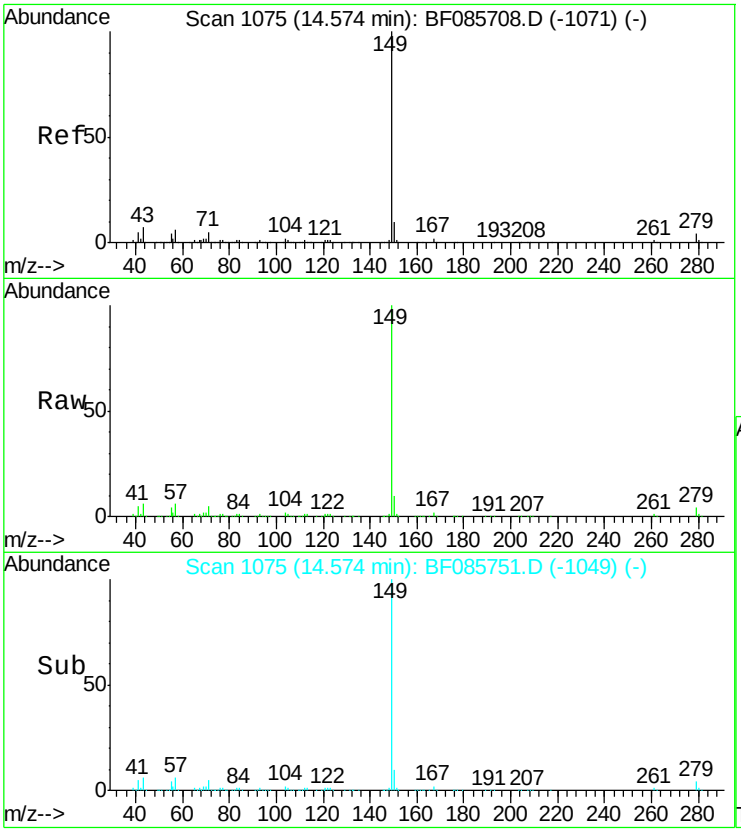


#83
Bis(2-ethylhexyl)phthalate
Concen: 33.46 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:149 Resp: 348342

Ion	Ratio	Lower	Upper
149	100		
167	23.8	19.4	29.2
279	1.8	1.5	2.3



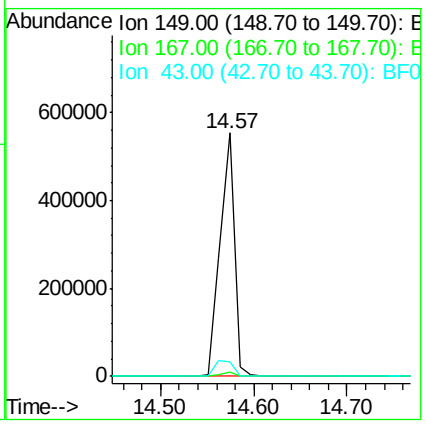


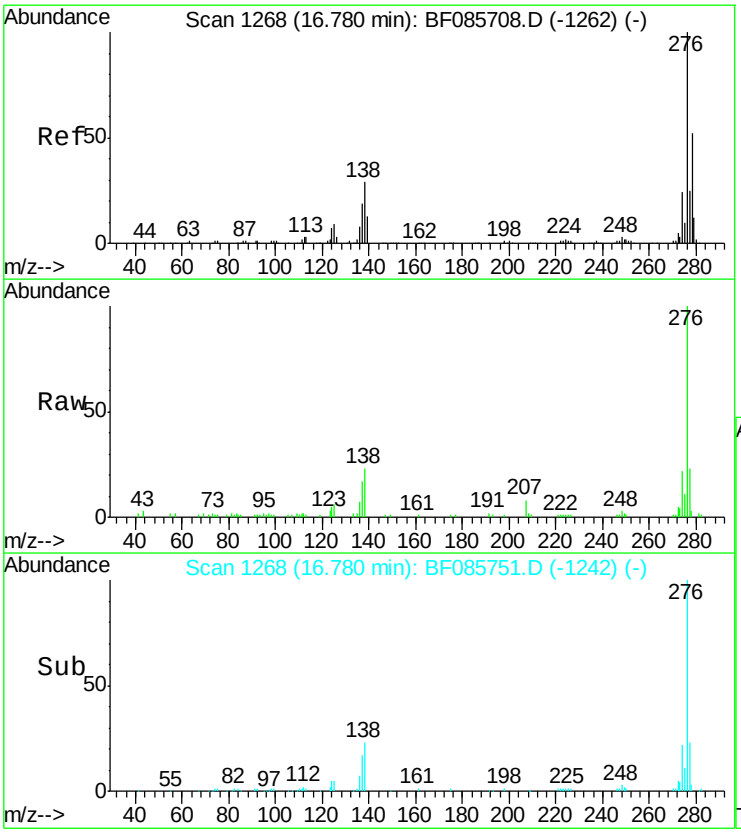
#84
Di-n-octyl phthalate
Concen: 37.87 ng
RT: 14.57 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 586362

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	7.1	10.7

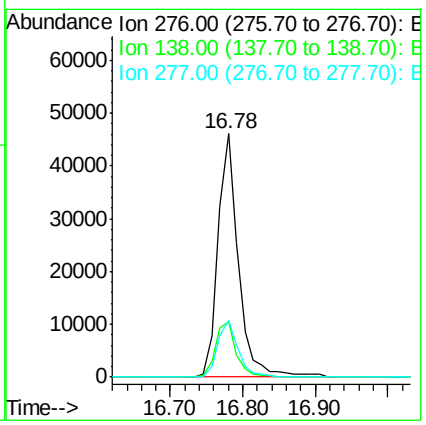


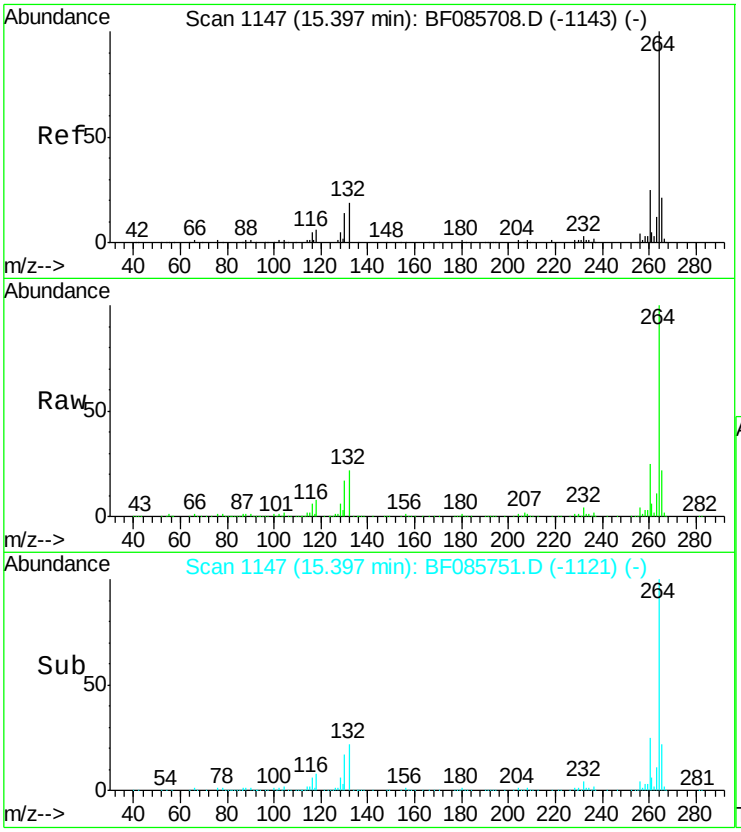


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.06 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:276 Resp: 90331

Ion	Ratio	Lower	Upper
276	100		
138	23.1	24.2	36.4#
277	23.1	20.0	30.0



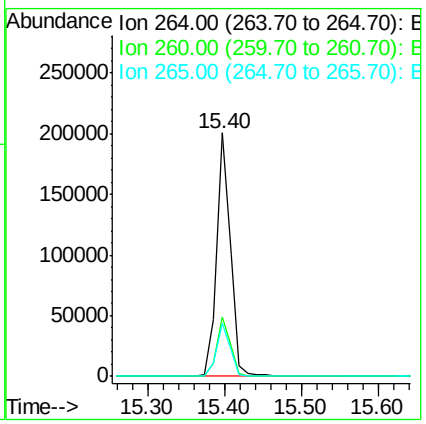


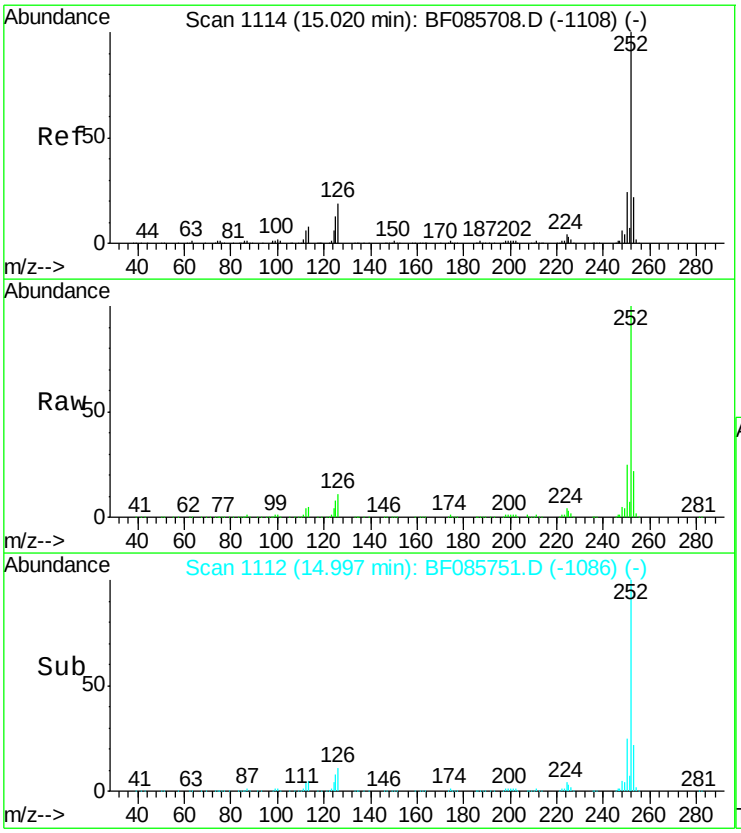
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:264 Resp: 251142

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.7	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 22.31 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:252 Resp: 353009

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.1	10.3	15.5#