Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092257.D
Acq On : 13 Jan 2017 22:24
Operator : UM/SJ
Sample : I1182-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOD-SB-78-80

Quant Time: Jan 16 01:28:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	174946	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	629732	20.00	ng		-0.02
38) Acenaphthene-d10	9.60	164	333328	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	559406	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	453464	20.00	ng		-0.02
86) Perylene-d12	15.07	264	367941	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1172020	111.86	ng		0.00
7) Phenol-d6	6.24	99	1823164	142.52	ng		-0.01
23) Nitrobenzene-d5	7.15	82	957762	84.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	352773	127.88	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	1471936	91.46	ng		-0.01
78) Terphenyl-d14	12.67	244	1422349	76.07	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.26	94	240177	16.48	ng	#	64
15) Benzyl Alcohol	6.72	79	26330	2.65	ng	#	46
17) 2-Methylphenol	6.86	107	39668	4.14	ng		96
20) 3+4-Methylphenols	7.02	107	58261	5.10	ng	#	68
25) Isophorone	7.15	82	942507	45.11	ng	#	65
37) 2-Methylnaphthalene	8.58	142	3337	Below Cal			87
49) Dimethylphthalate	9.34	163	230424	10.81	ng		99
56) 2,4-Dinitrotoluene	9.60	165	41787	7.13	ng	#	20
66) 4-Bromophenyl-phenylether	10.39	248	21338	3.67	ng	#	1
71) Anthracene	11.11	178	3056	Below Cal			98
73) Di-n-butylphthalate	11.66	149	4276	Below Cal		#	90
74) Fluoranthene	12.30	202	614	Below Cal			61

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
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Acq On : 13 Jan 2017 22:24
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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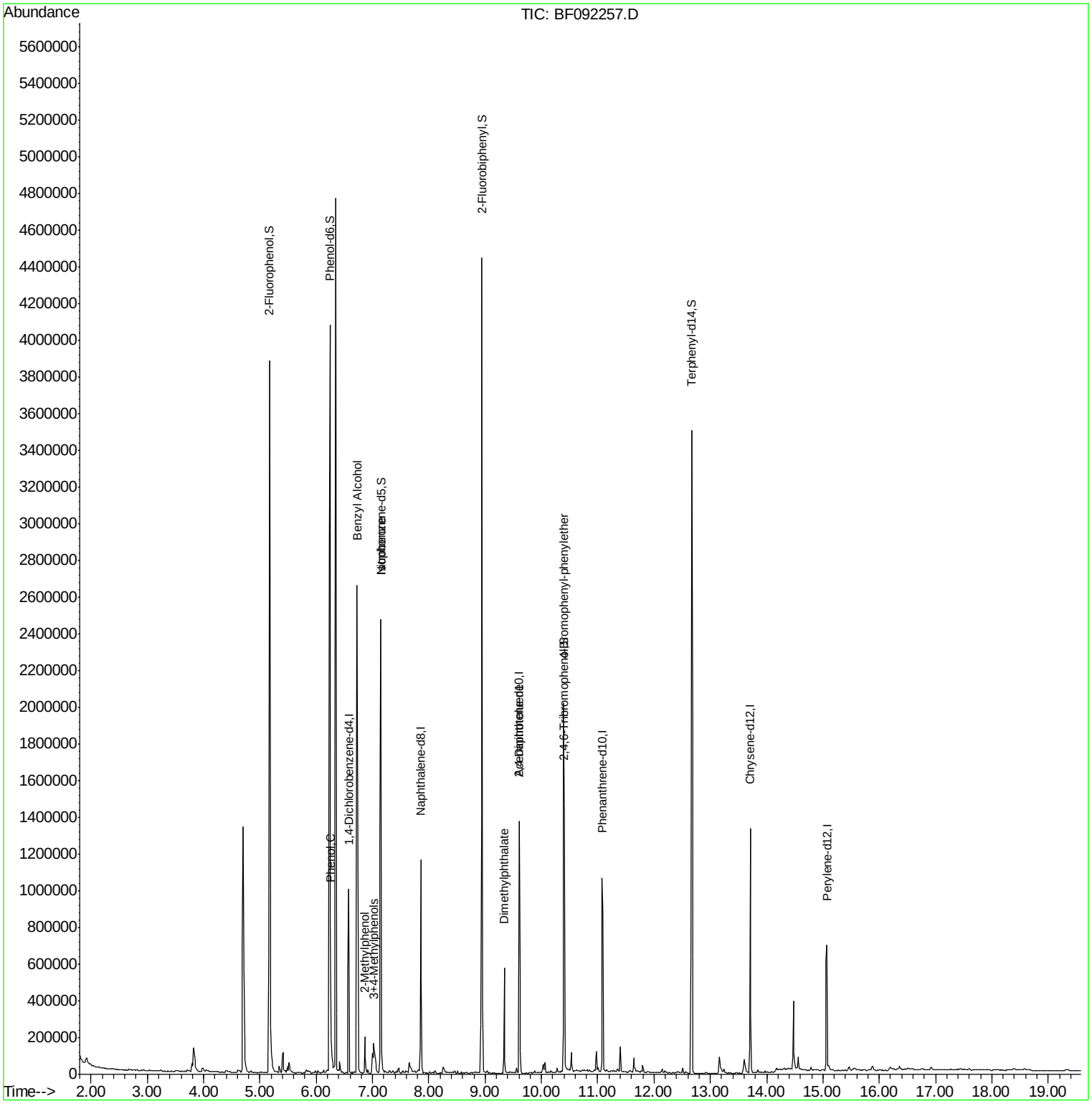
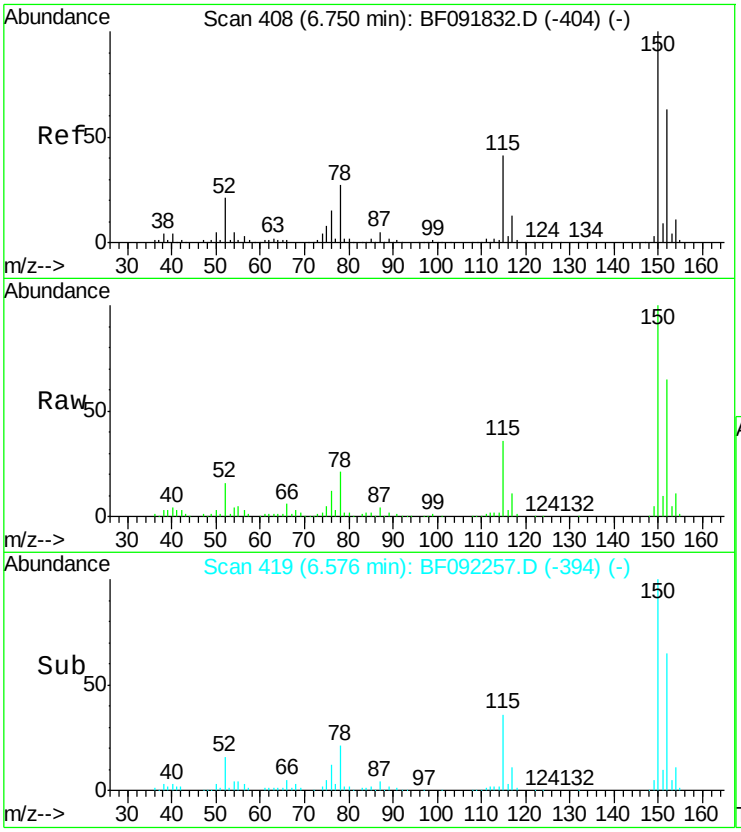


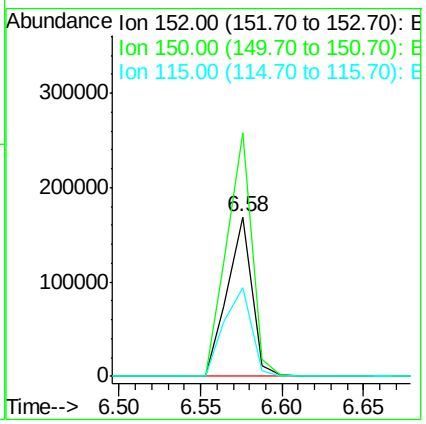


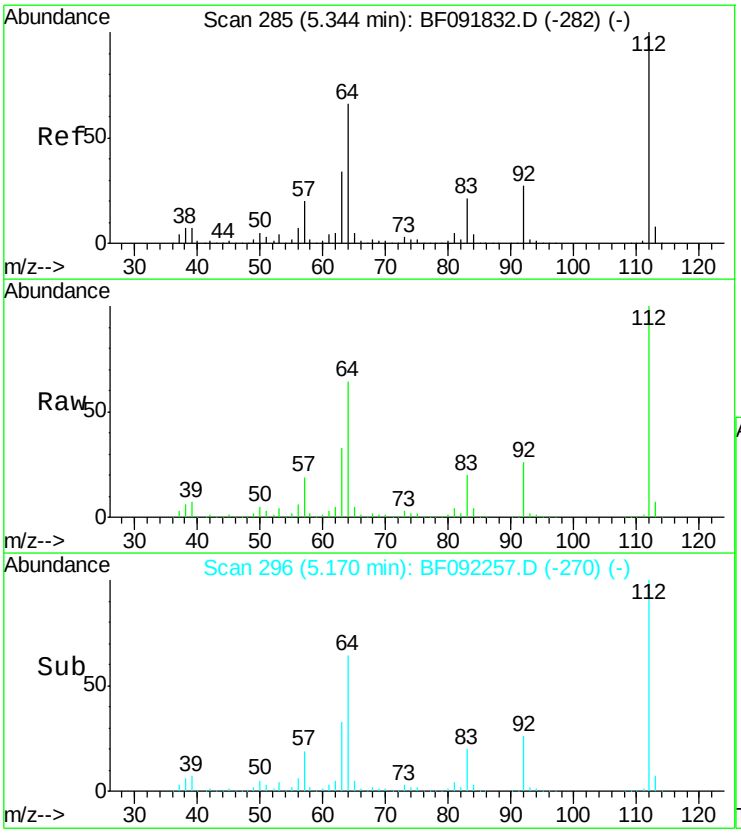
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion:152 Resp: 174946

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.9	187.3
115	55.4	46.0	69.0

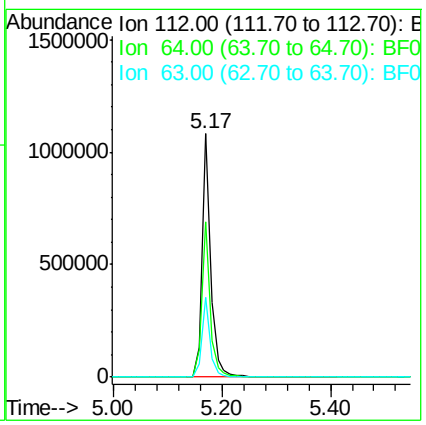


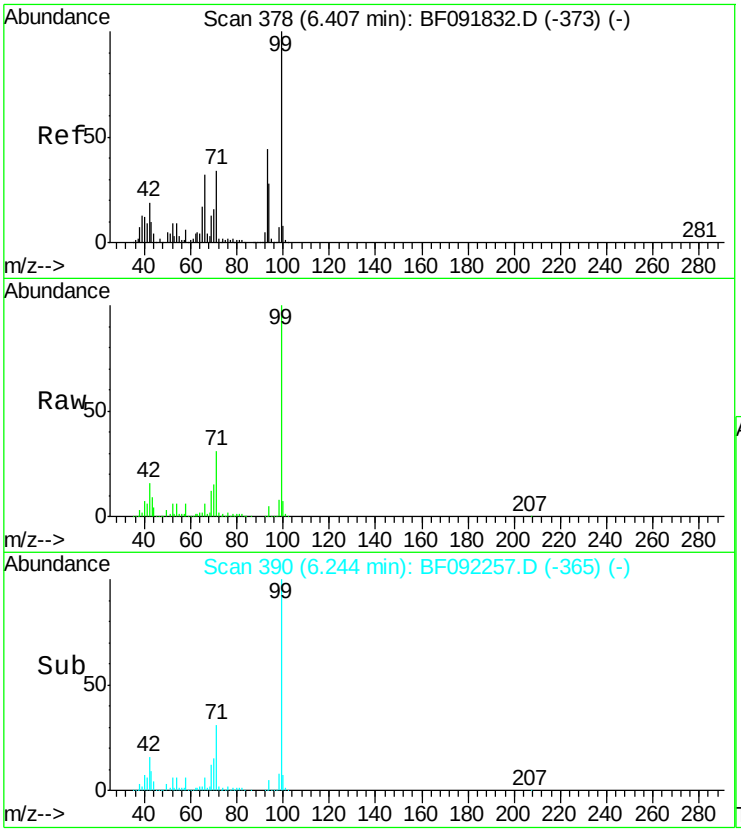


#5
2-Fluorophenol
Concen: 111.86 ng
RT: 5.17 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:112 Resp: 1172020

Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.1	69.1
63	32.7	23.8	35.6



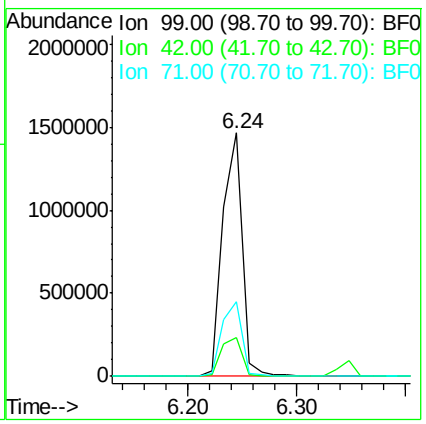


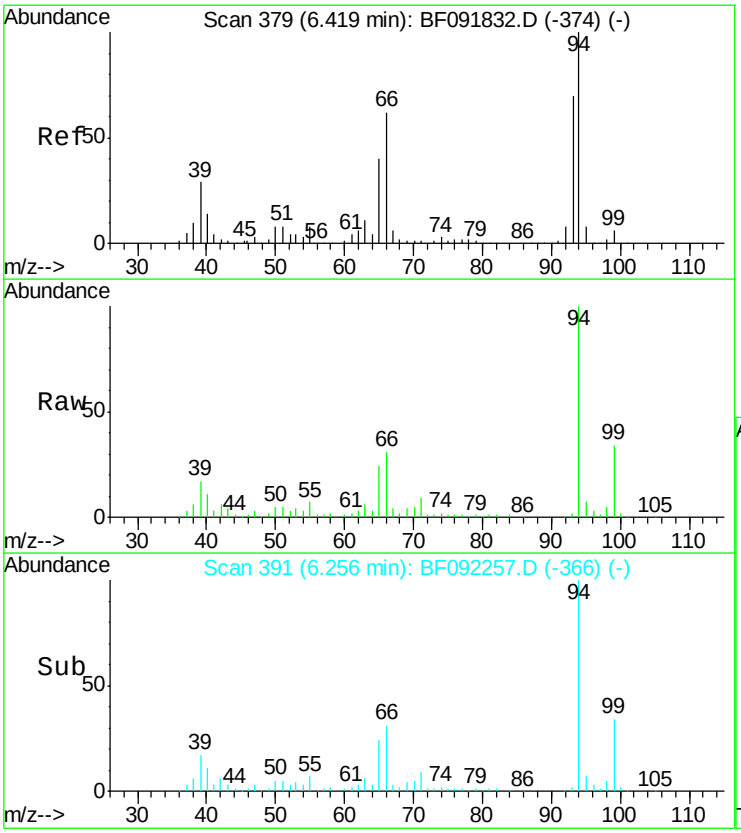
#7
Phenol-d6
Concen: 142.52 ng
RT: 6.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion: 99 Resp: 1823164

Ion	Ratio	Lower	Upper
99	100		
42	16.0	15.6	23.4
71	30.6	27.5	41.3

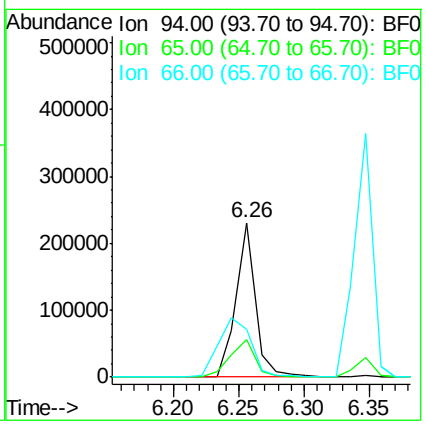


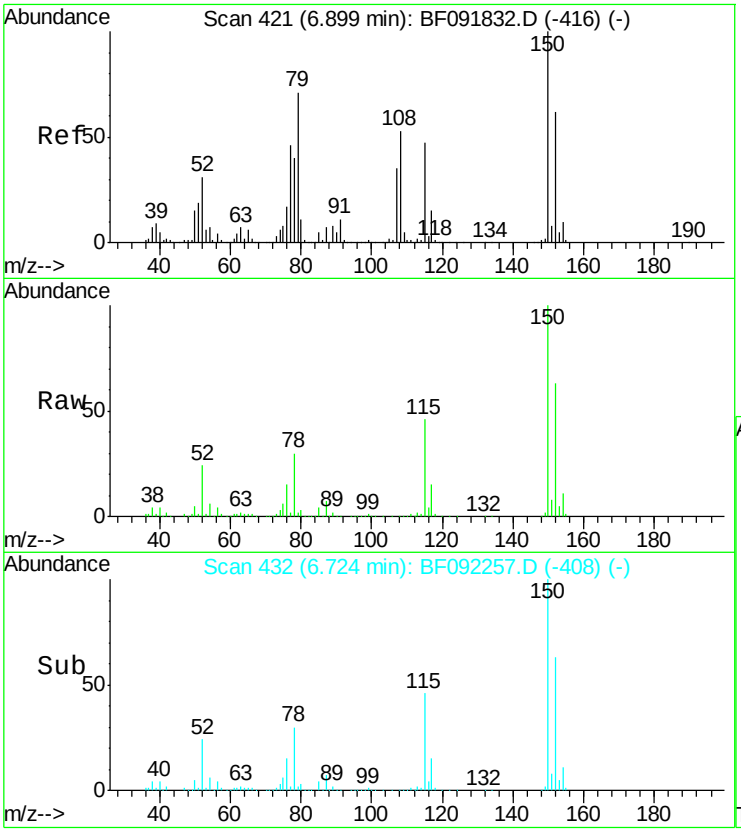


#10
Phenol
Concen: 16.48 ng
RT: 6.26 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion: 94 Resp: 240177

Ion	Ratio	Lower	Upper
94	100		
65	24.2	21.4	61.4
66	31.2	44.0	84.0#



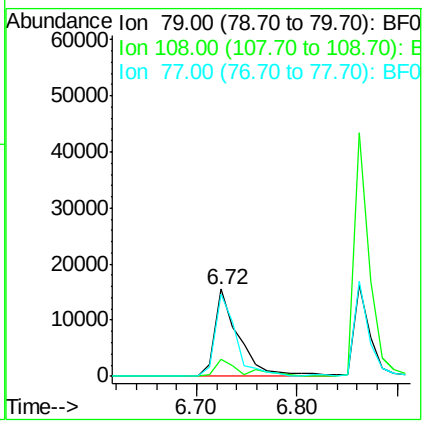


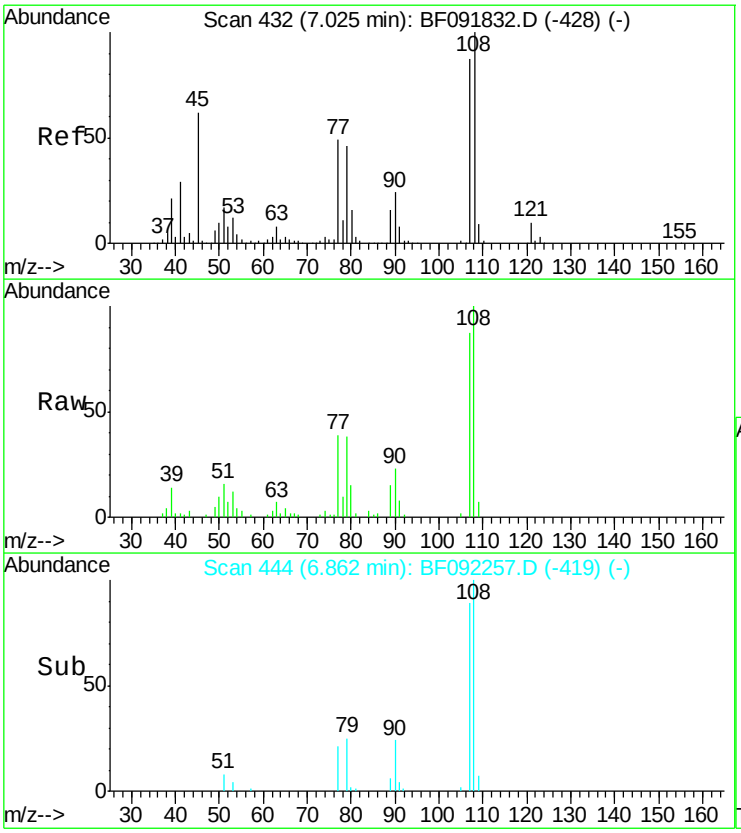
#15
Benzyl Alcohol
Concen: 2.65 ng
RT: 6.72 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion: 79 Resp: 26330

Ion	Ratio	Lower	Upper
79	100		
108	20.2	61.4	92.0#
77	94.2	50.9	76.3#

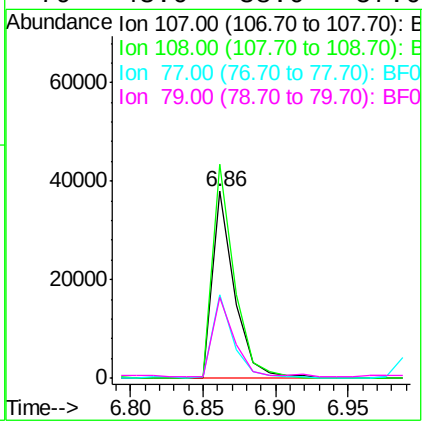


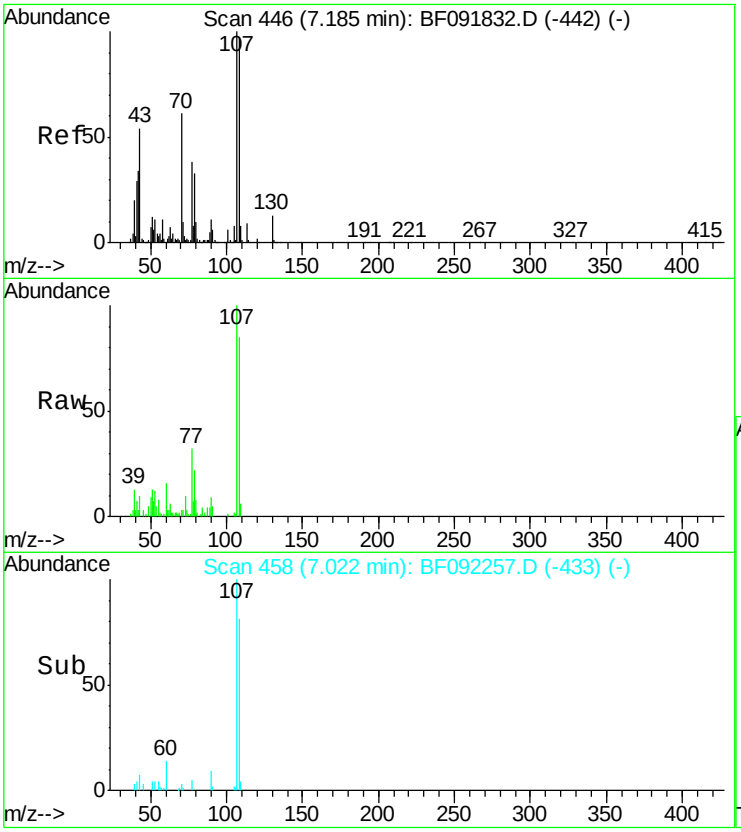


#17
2-Methylphenol
Concen: 4.14 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:107 Resp: 39668

Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.0	139.6
77	44.7	39.8	59.8
79	43.0	38.0	57.0



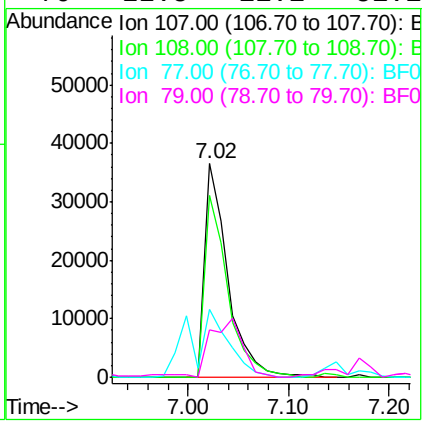


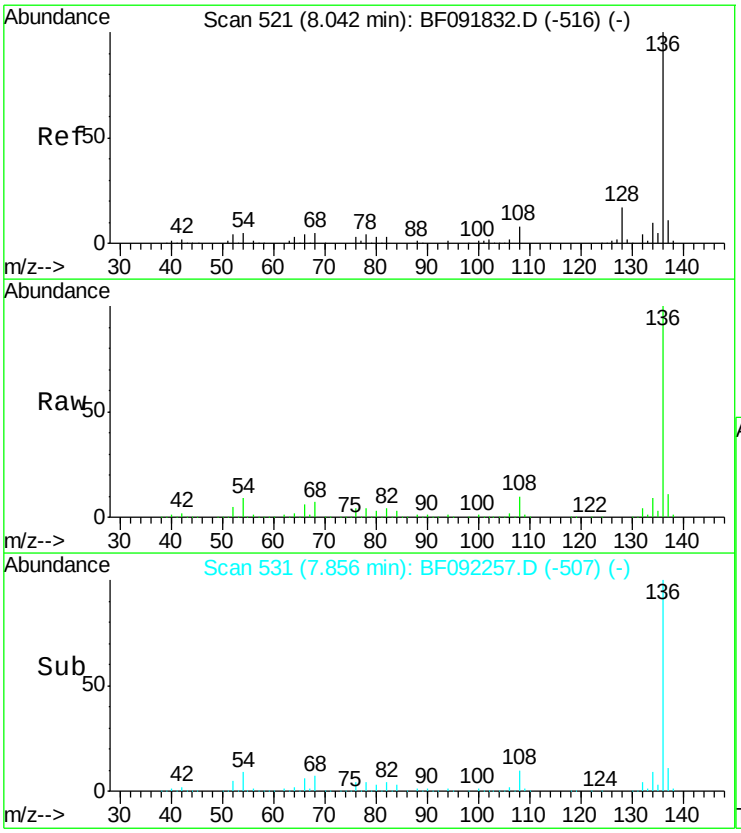
#20
3+4-Methylphenols
Concen: 5.10 ng
RT: 7.02 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion:107 Resp: 58261

Ion	Ratio	Lower	Upper
107	100		
108	85.1	73.0	113.0
77	31.8	71.3	111.3#
79	22.5	11.1	51.1

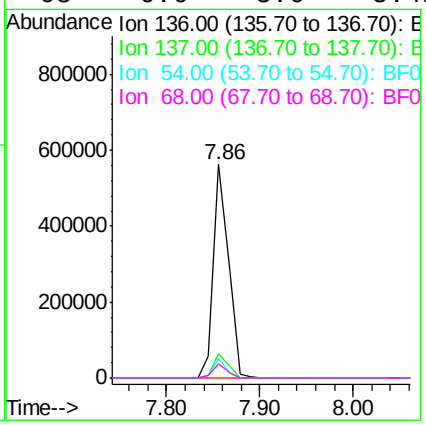


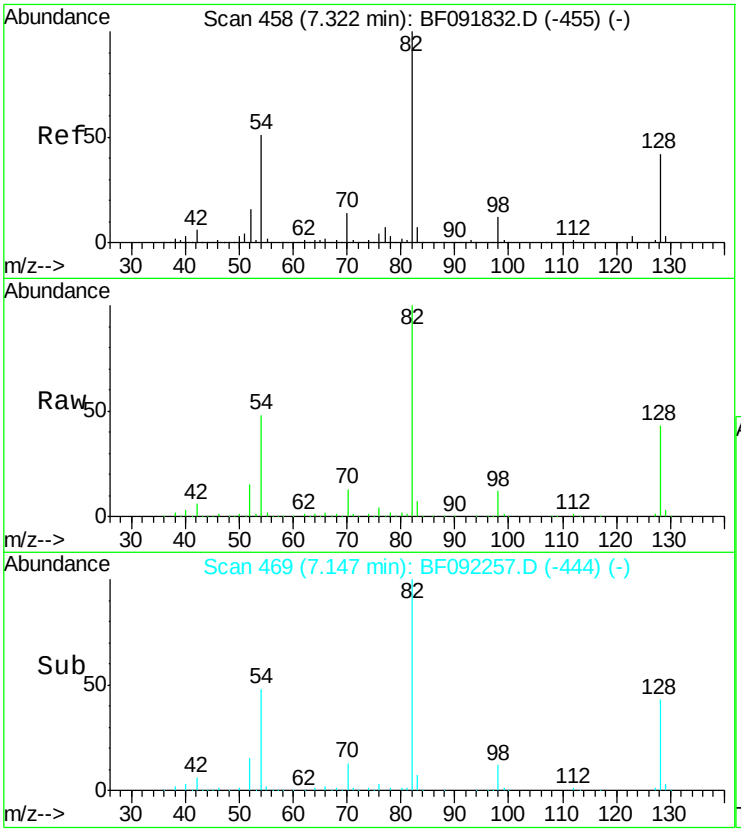


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:136 Resp: 629732

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.8	4.5	6.7#
68	6.6	3.6	5.4#



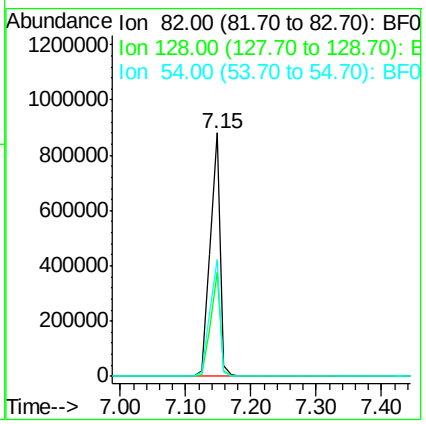


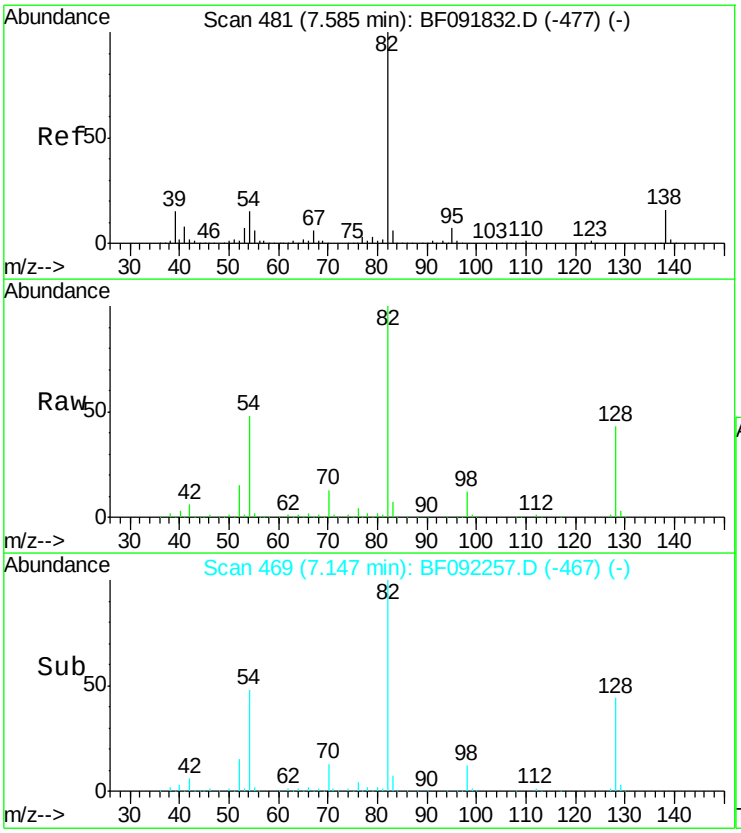
#23
Nitrobenzene-d5
Concen: 84.57 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion: 82 Resp: 957762

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	48.1	39.5	59.3

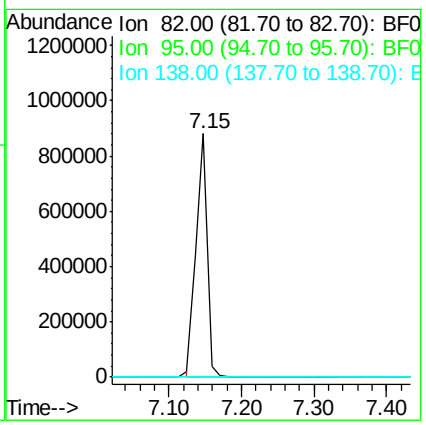


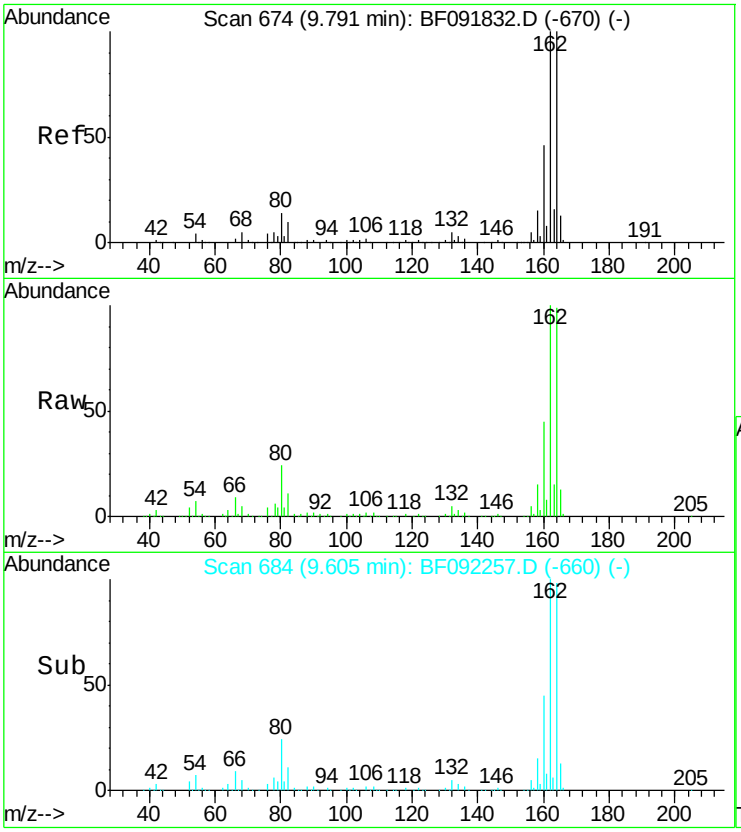


#25
Isophorone
Concen: 45.11 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion: 82 Resp: 942507

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



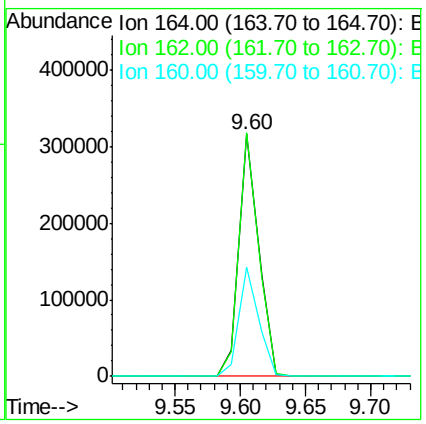


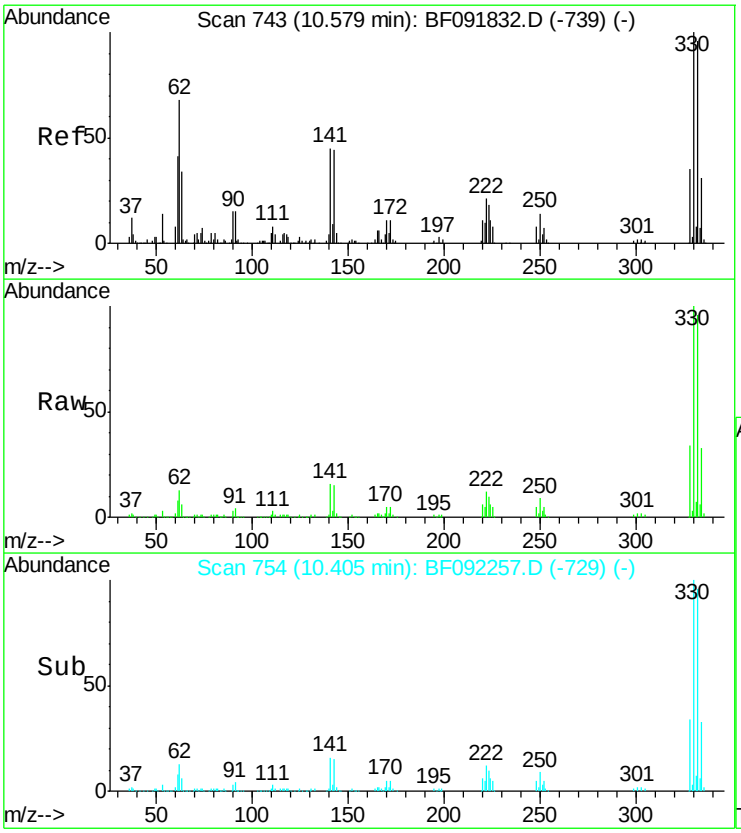
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion:164 Resp: 333328

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	45.2	36.9	55.3

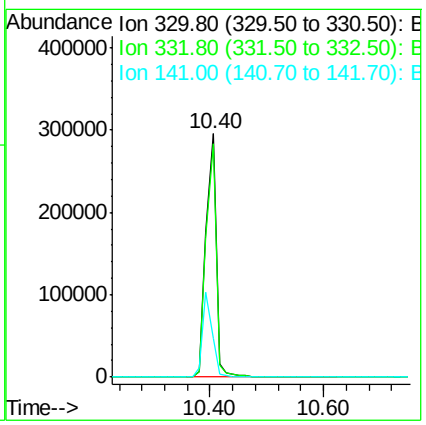


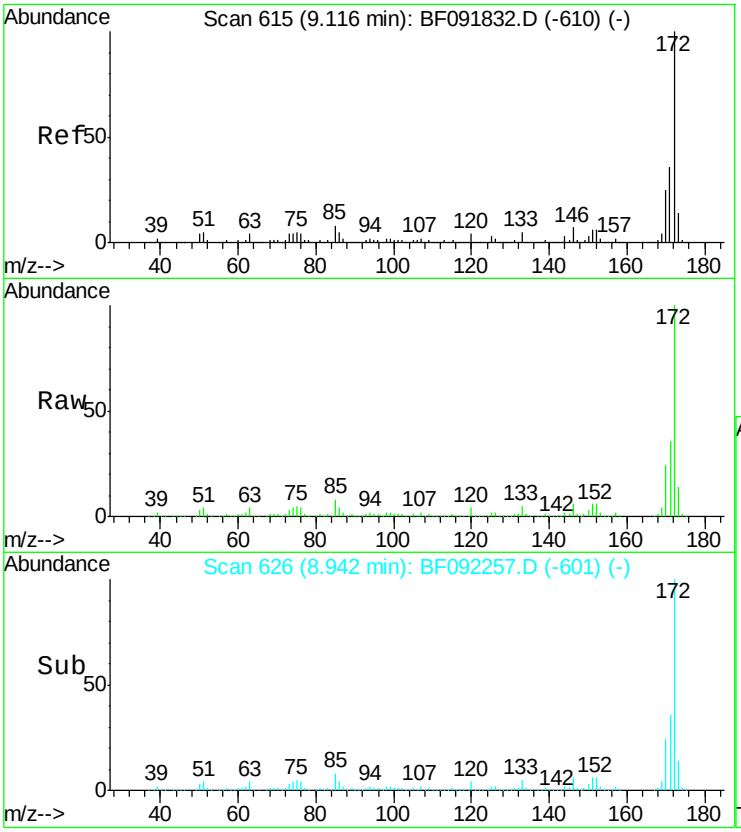


#41
2,4,6-Tribromophenol
Concen: 127.88 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:330 Resp: 352773

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	33.4	34.1	51.1#



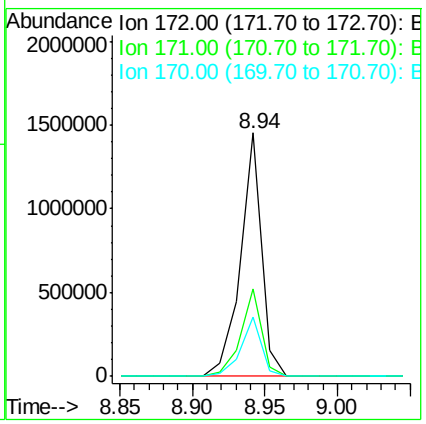


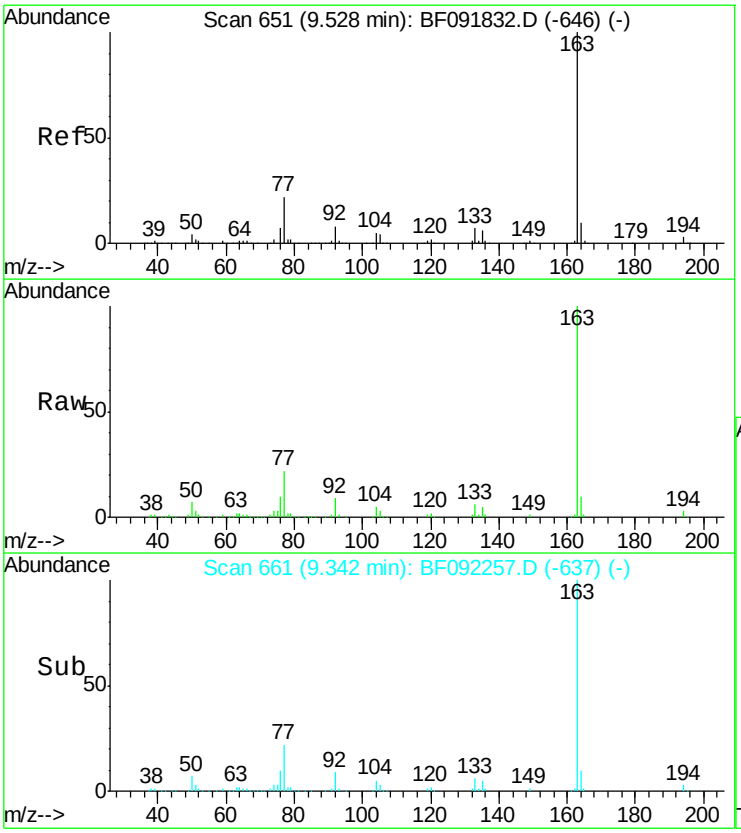
#44
2-Fluorobiphenyl
Concen: 91.46 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion:172 Resp: 1471936

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.1	20.2	30.4

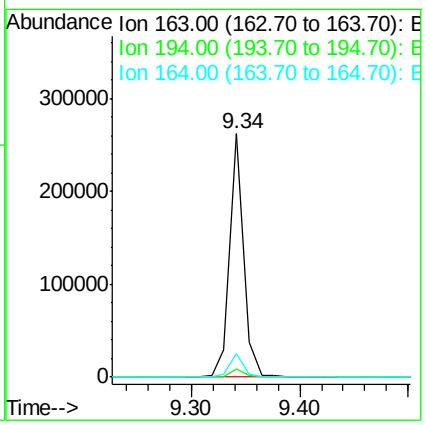


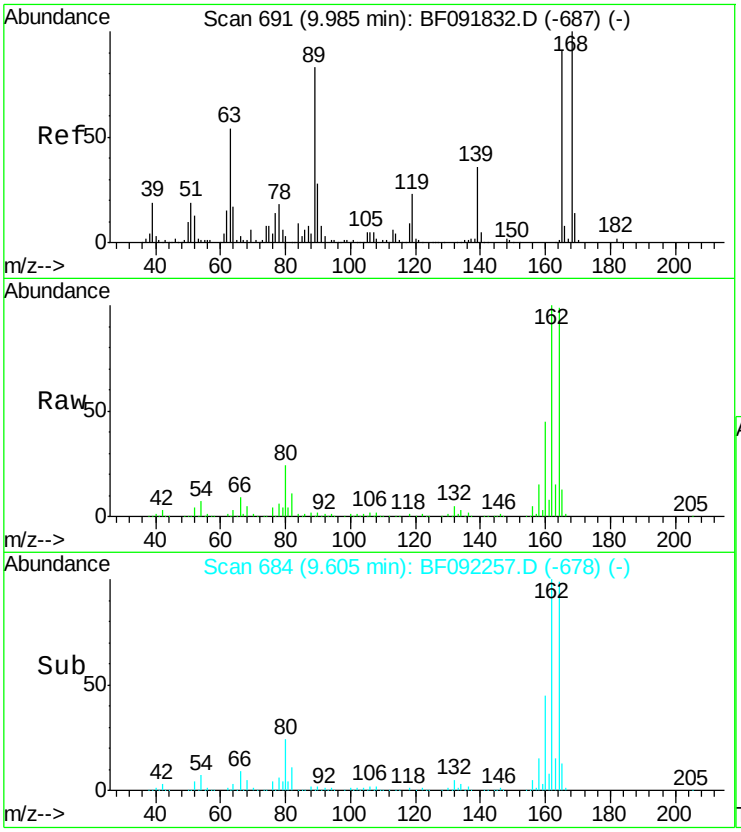


#49
Dimethylphthalate
Concen: 10.81 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:163 Resp: 230424

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.8	8.0	12.0



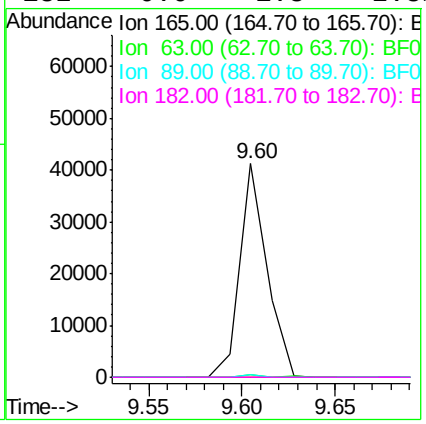


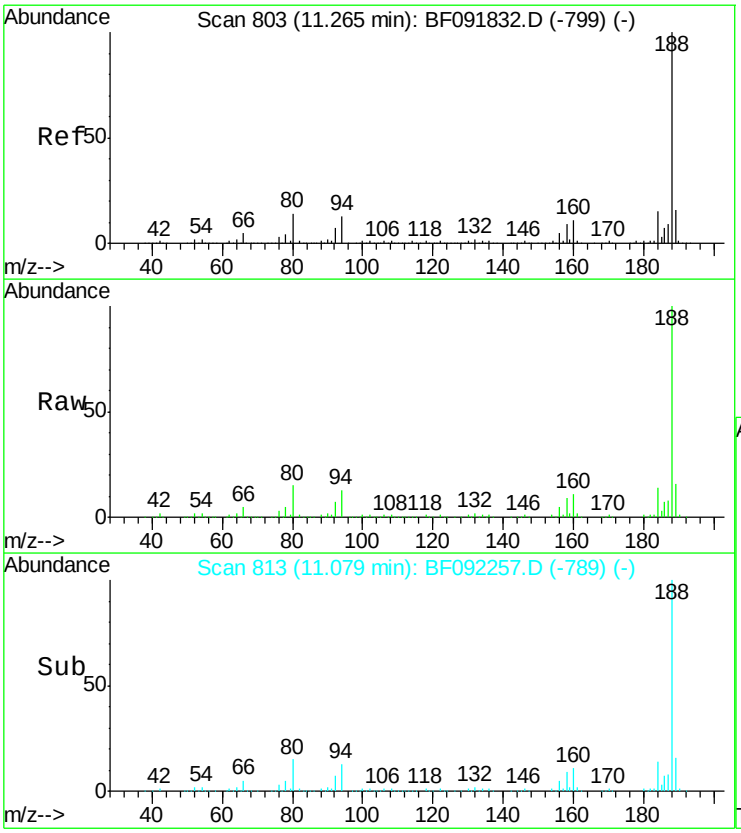
#56
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion:165 Resp: 41787

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

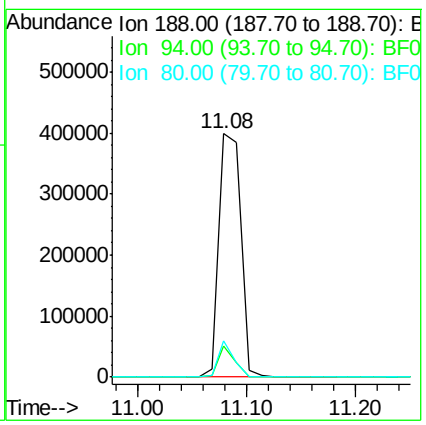


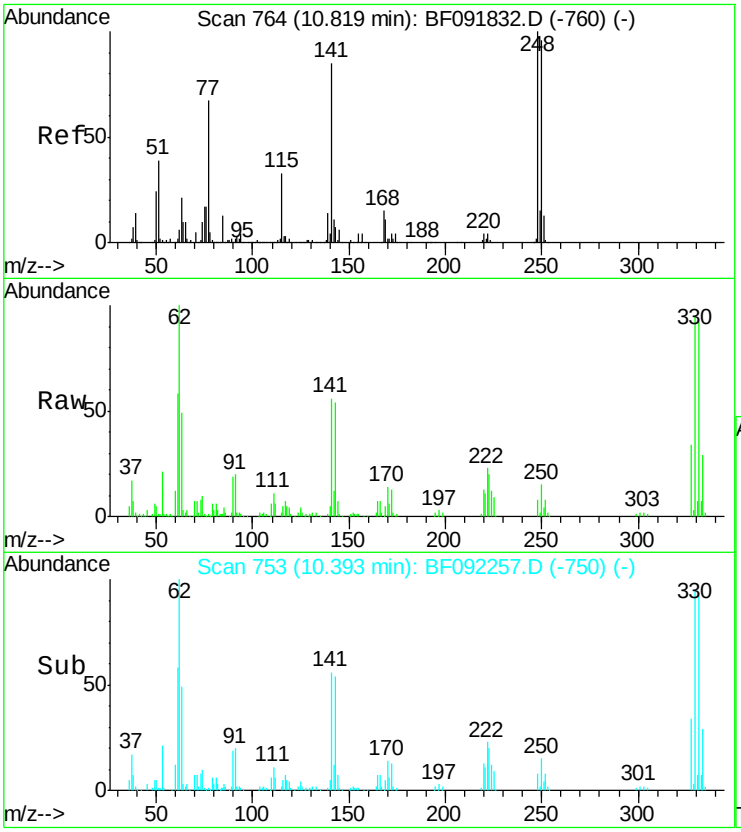


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:188 Resp: 559406

Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.0	15.0
80	14.8	11.2	16.8



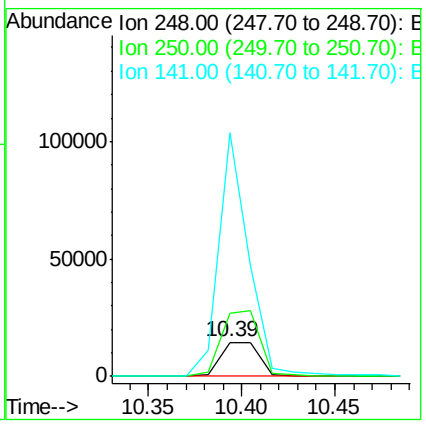


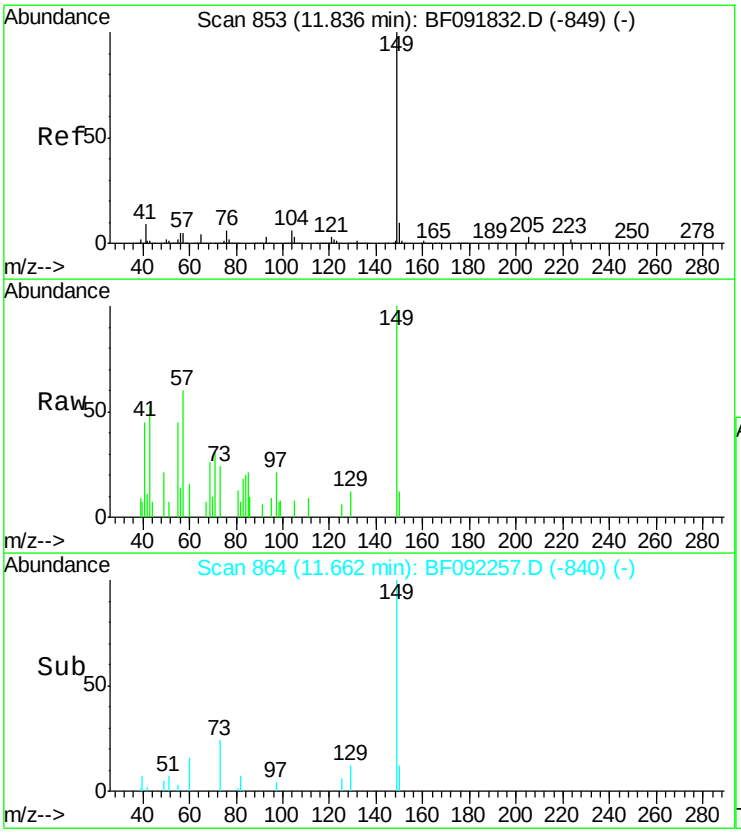
#66
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.39 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion:248 Resp: 21338

Ion	Ratio	Lower	Upper
248	100		
250	185.5	76.9	115.3#
141	710.5	68.2	102.4#

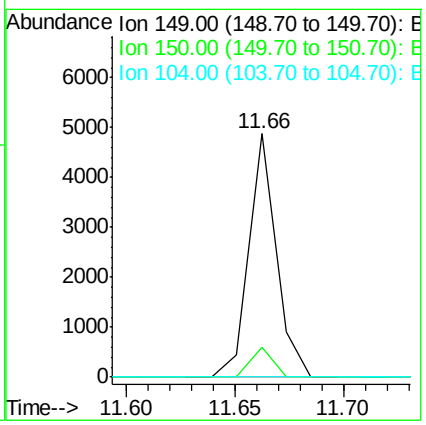


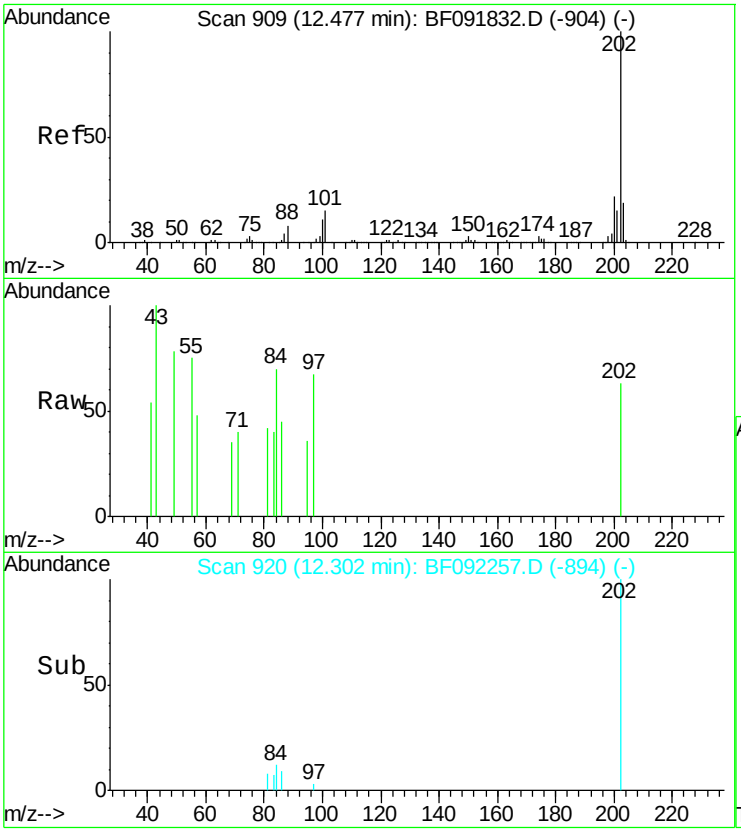


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.66 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:149 Resp: 4276

Ion	Ratio	Lower	Upper
149	100		
150	12.2	8.1	12.1#
104	0.0	4.6	7.0#



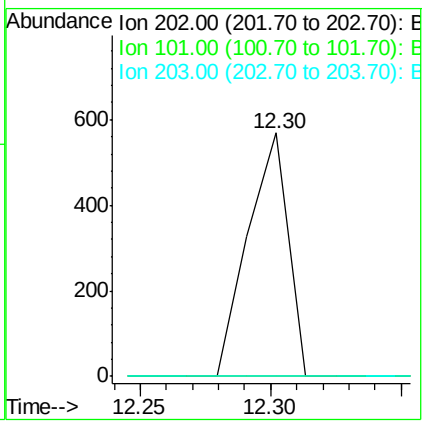


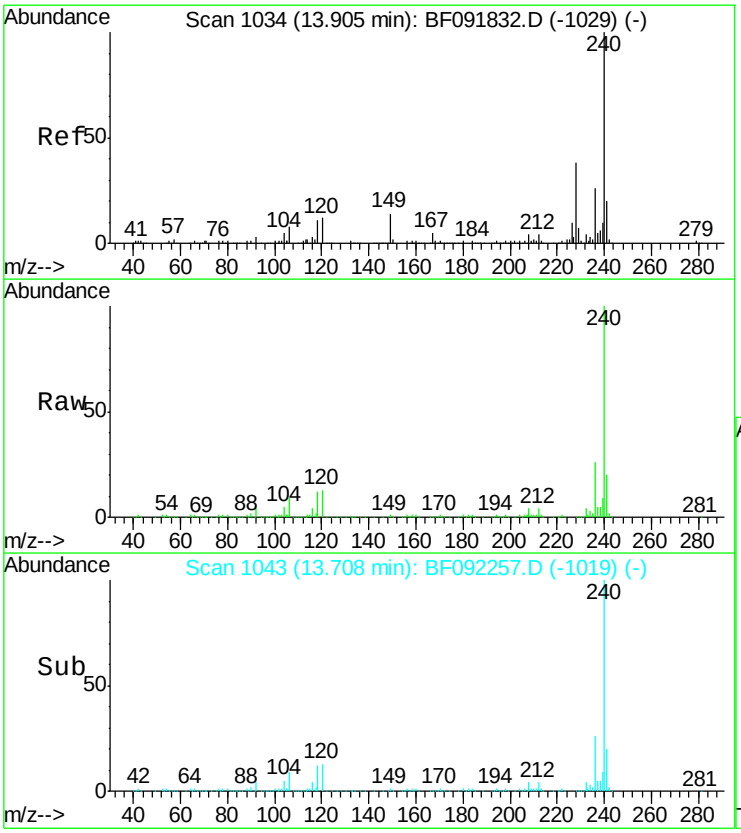
#74
Fluoranthene
Concen: Below Cal
RT: 12.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion:202 Resp: 614

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7

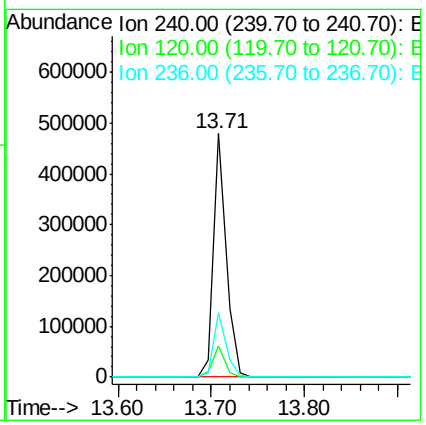


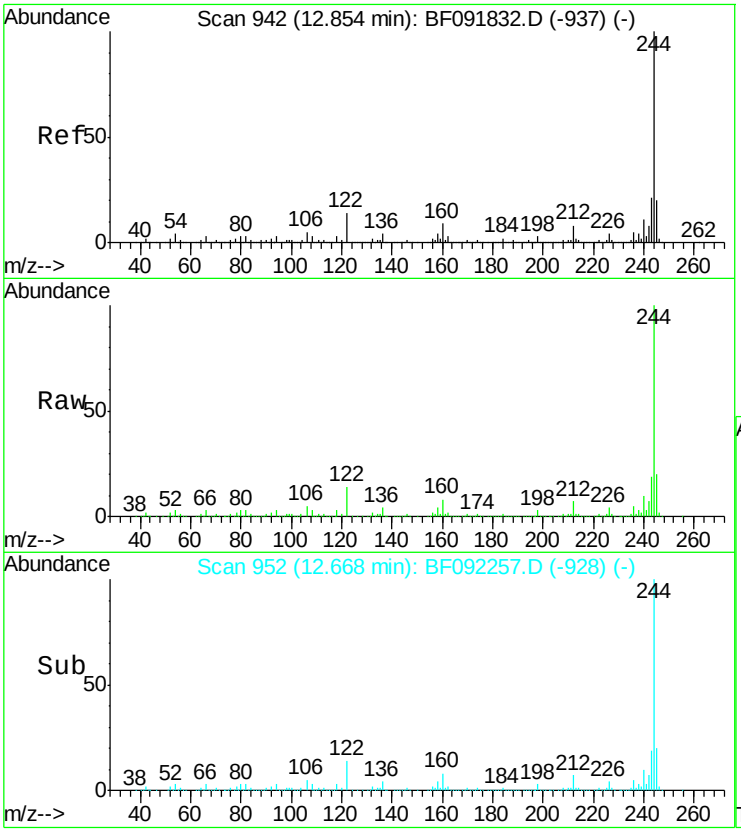


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:240 Resp: 453464

Ion	Ratio	Lower	Upper
240	100		
120	13.0	12.9	19.3
236	26.2	20.9	31.3



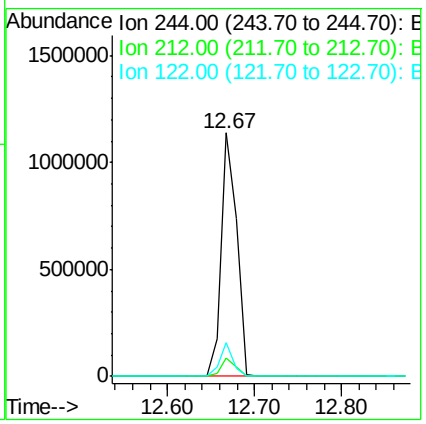


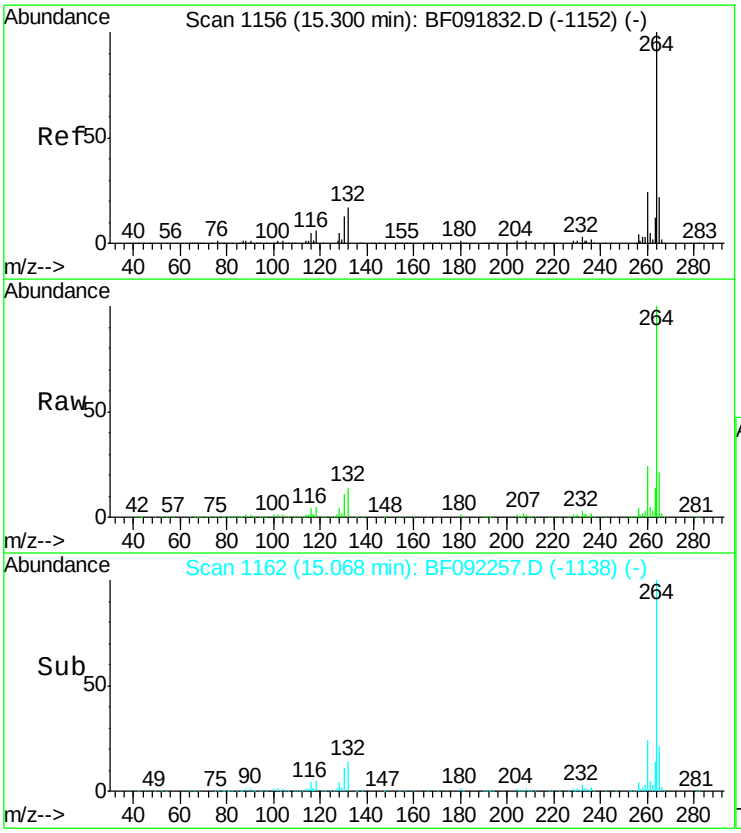
#78
Terphenyl-d14
Concen: 76.07 ng
RT: 12.67 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
TOD-SB-78-80

Tgt Ion:244 Resp: 1422349

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	13.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092257.D
Acq: 13 Jan 2017 22:24

Tgt Ion:264 Resp: 367941

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.4	26.0