Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
Data File : BF092730.D
Acq On : 2 Feb 2017 4:26
Operator : SJ/MA
Sample : I1615-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-7

Quant Time: Feb 02 04:57:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	155290	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	514570	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	225450	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	290422	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	320624	20.00	ng	-0.02
86) Perylene-d12	15.60	264	282495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1063456	117.49	ng	-0.01
7) Phenol-d6	6.59	99	1407281	120.83	ng	-0.01
23) Nitrobenzene-d5	7.52	82	755357	81.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	170407	104.51	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1028717	82.67	ng	-0.02
78) Terphenyl-d14	13.07	244	753498	55.22	ng	-0.01
Target Compounds						Qvalue
6) Aniline	6.65	93	75766	4.77	ng	# 13
9) Benzaldehyde	6.65	77	17246	2.07	ng	# 7
10) Phenol	6.60	94	109913	8.07	ng	# 66
19) n-Nitroso-di-n-propylamine	7.52	70	97525	13.15	ng	# 79
25) Isophorone	7.52	82	736902	42.80	ng	# 65
49) Dimethylphthalate	9.71	163	117135	7.71	ng	99
56) 2,4-Dinitrotoluene	10.00	165	30493	6.98	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	257	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	11696	3.85	ng	# 1

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

Quantitation Report (Not Reviewed)

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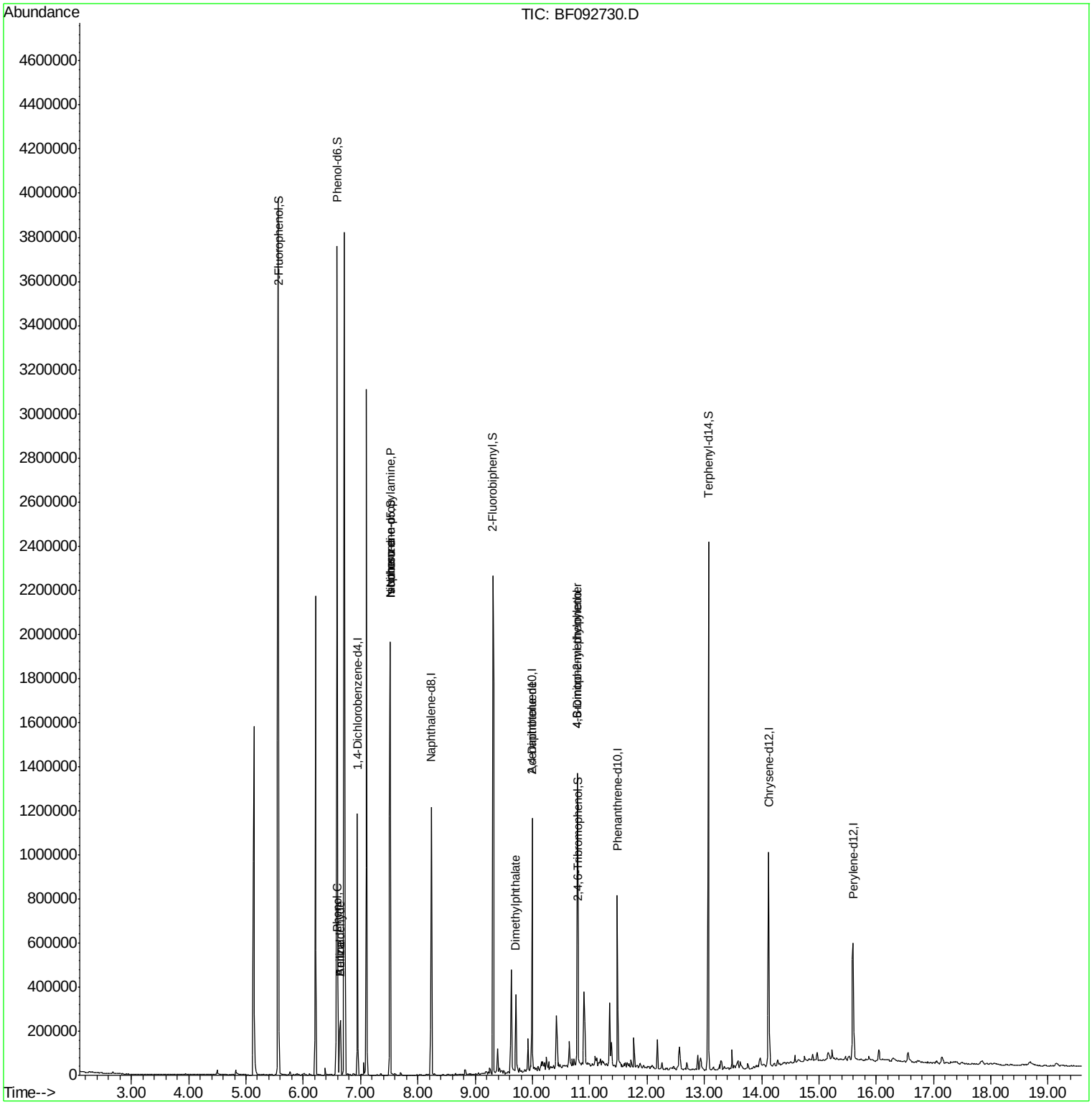
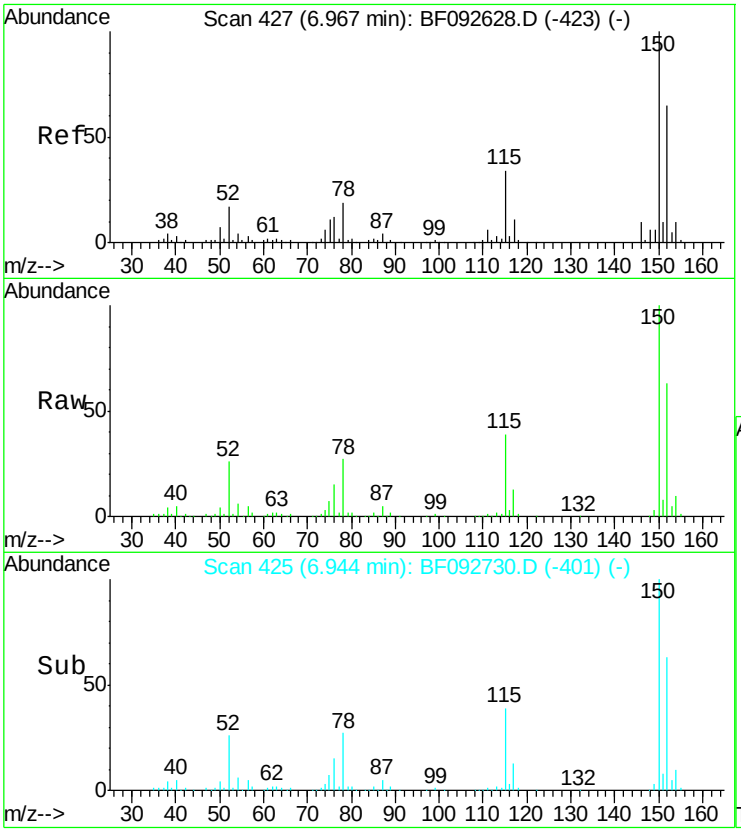


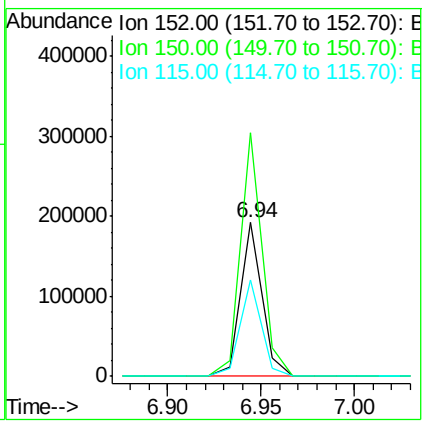


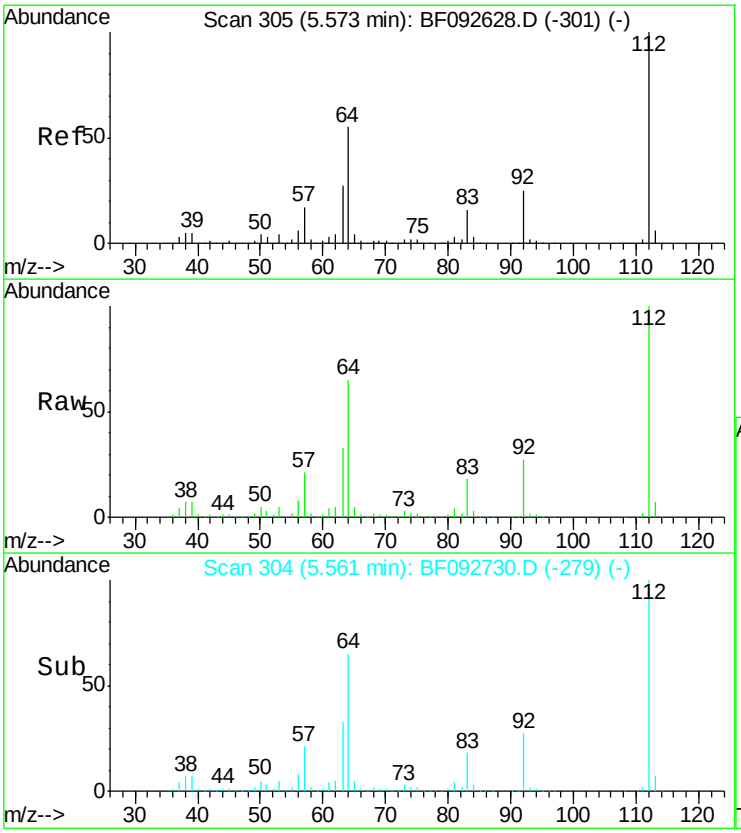
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:152 Resp: 155290

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.9	187.3
115	62.3	46.0	69.0

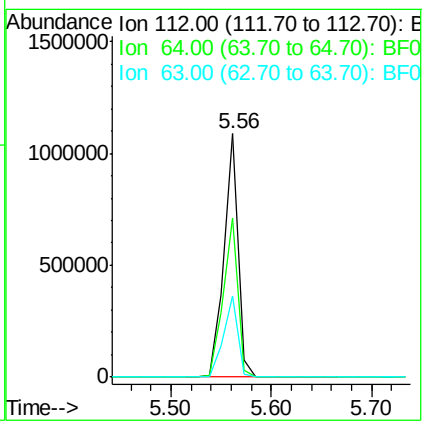


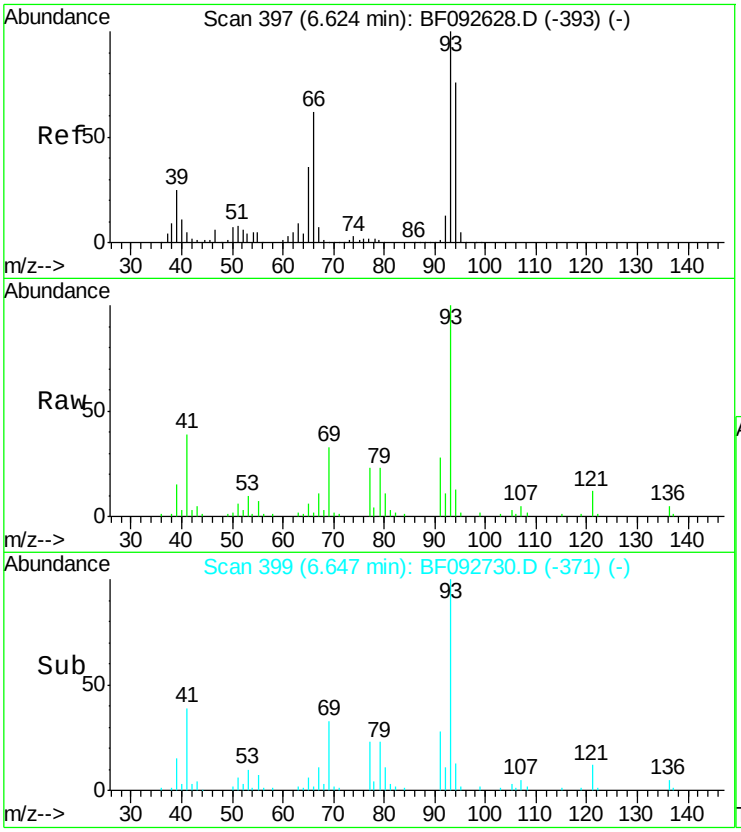


#5
2-Fluorophenol
Concen: 117.49 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:112 Resp: 1063456

Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.1	69.1
63	33.4	23.8	35.6



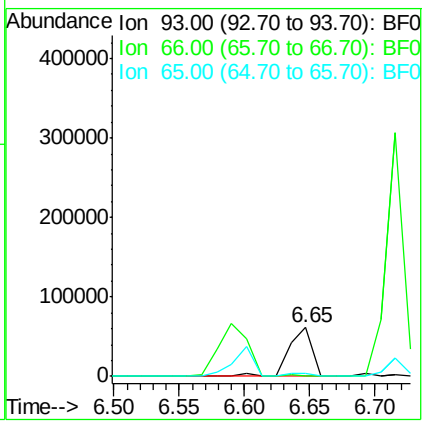


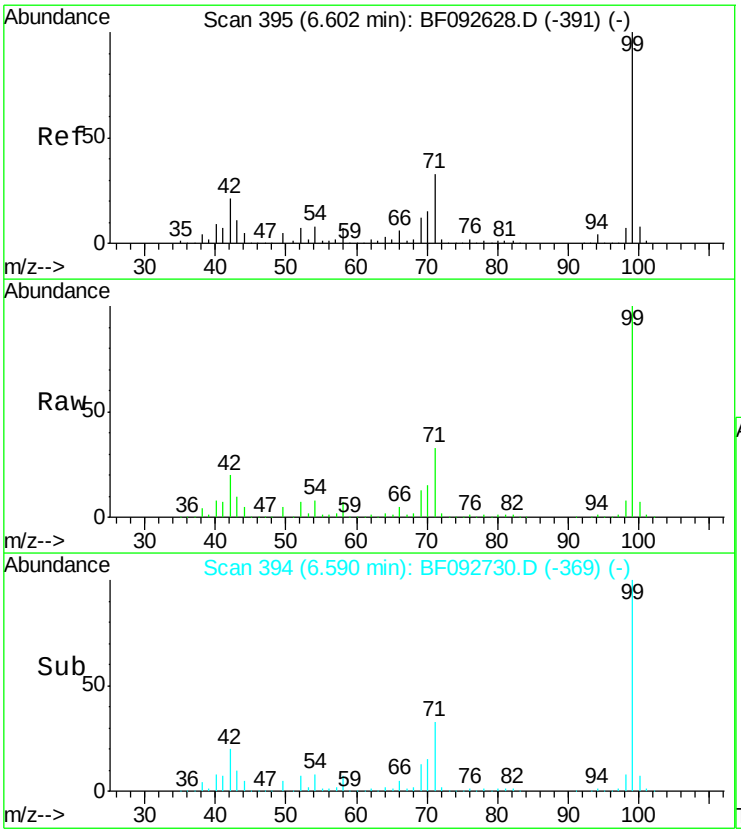
#6
Aniline
Concen: 4.77 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion: 93 Resp: 75766

Ion	Ratio	Lower	Upper
93	100		
66	2.0	76.2	114.2#
65	5.7	49.3	73.9#

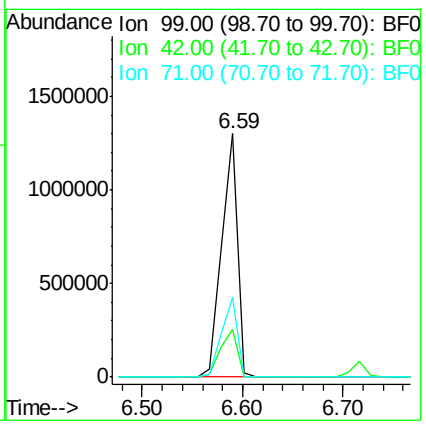


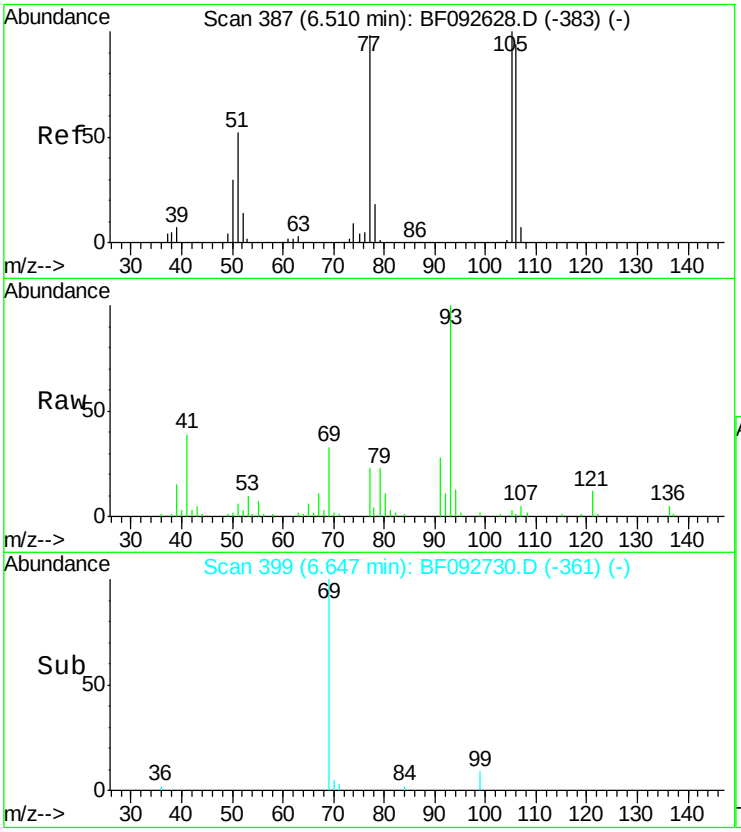


#7
Phenol-d6
Concen: 120.83 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion: 99 Resp: 1407281

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	32.5	27.5	41.3



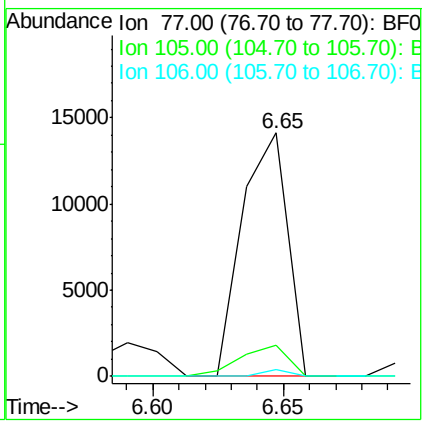


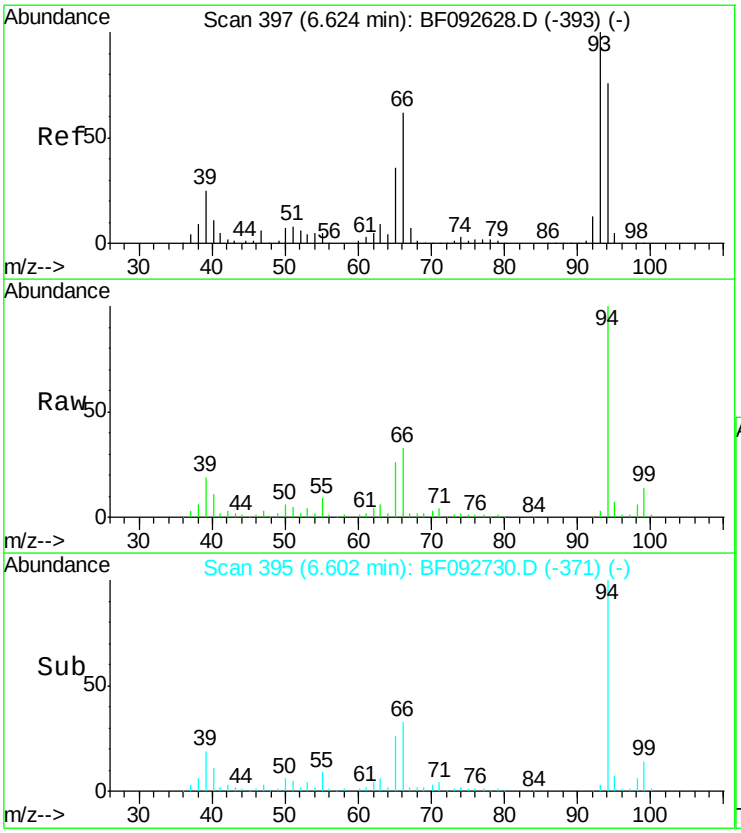
#9
Benzaldehyde
Concen: 2.07 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.14 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion: 77 Resp: 17246

Ion	Ratio	Lower	Upper
77	100		
105	12.6	83.9	123.9#
106	2.9	77.6	117.6#

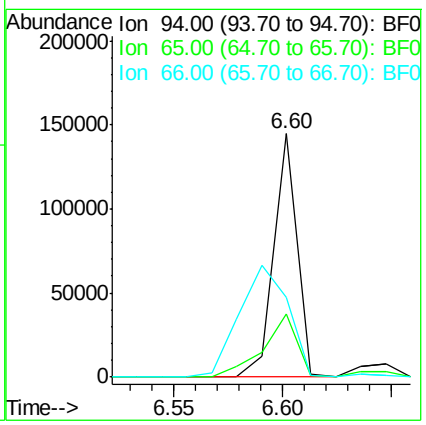


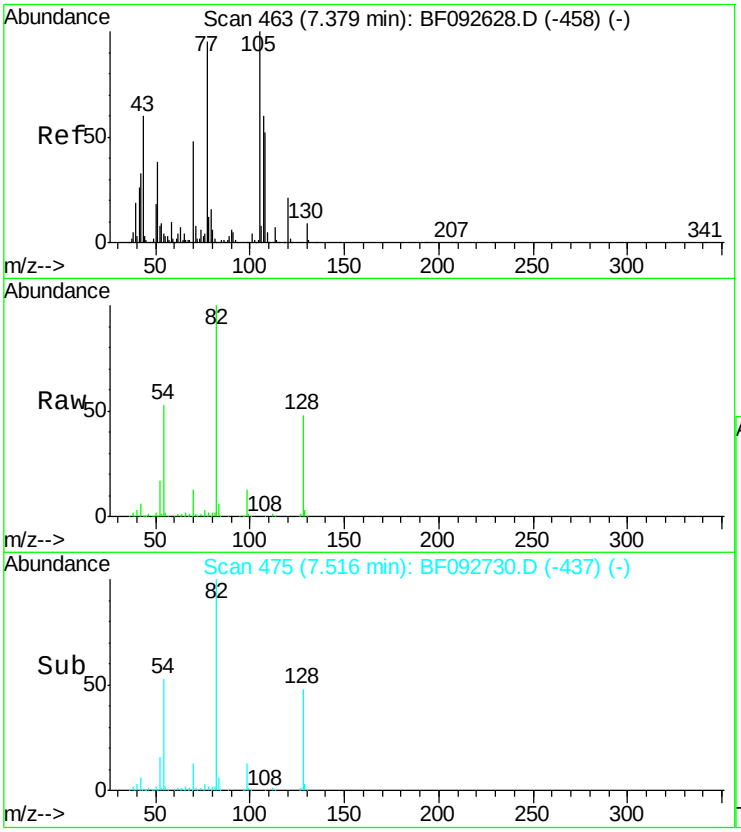


#10
Phenol
Concen: 8.07 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion: 94 Resp: 109913

Ion	Ratio	Lower	Upper
94	100		
65	25.8	21.4	61.4
66	32.6	44.0	84.0#



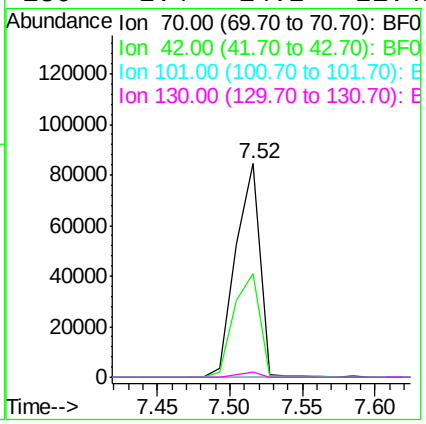


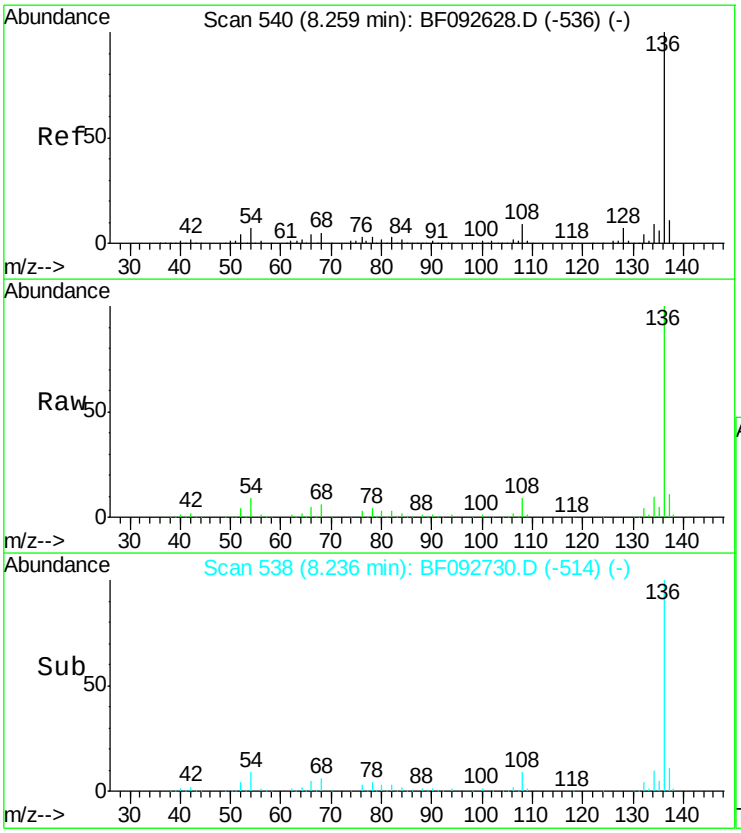
#19
n-Nitroso-di-n-propylamine
Concen: 13.15 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion: 70 Resp: 97525

Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.4	74.0#
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#

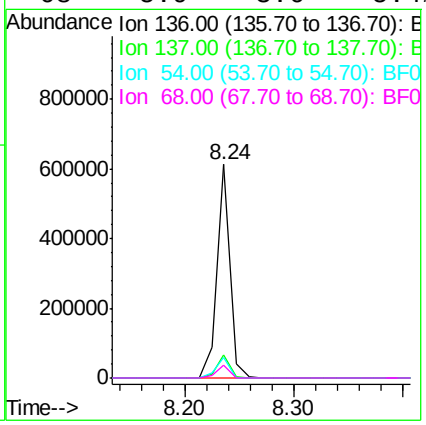


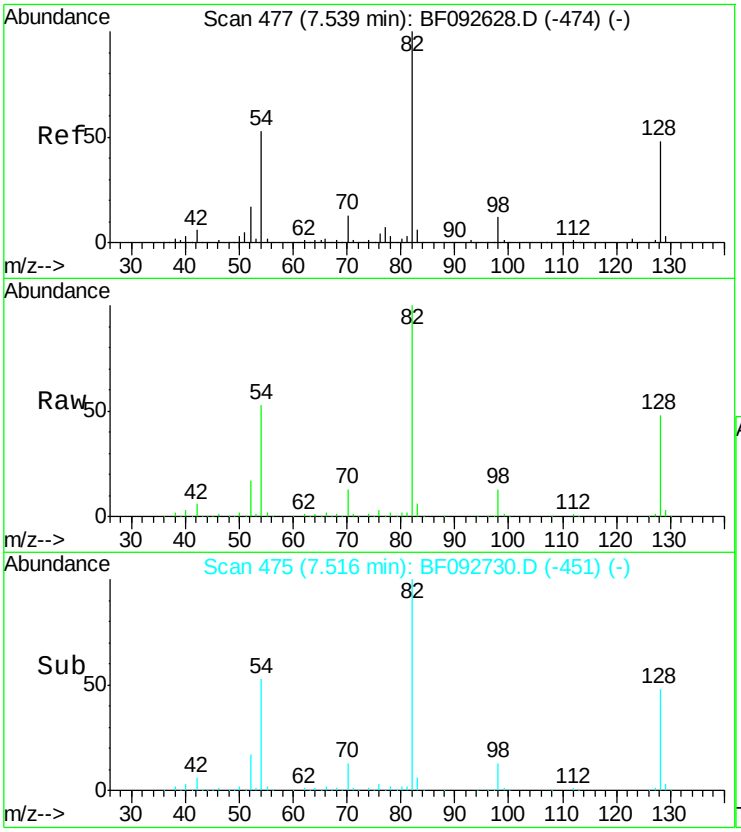


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:136 Resp: 514570

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.4	4.5	6.7#
68	5.9	3.6	5.4#



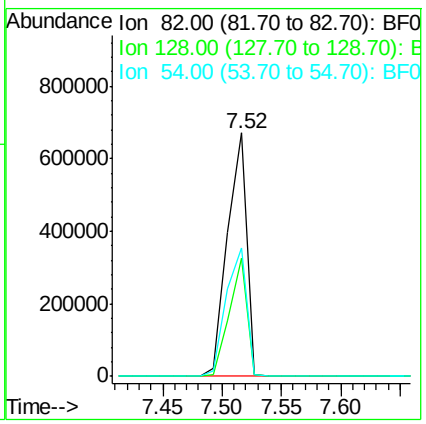


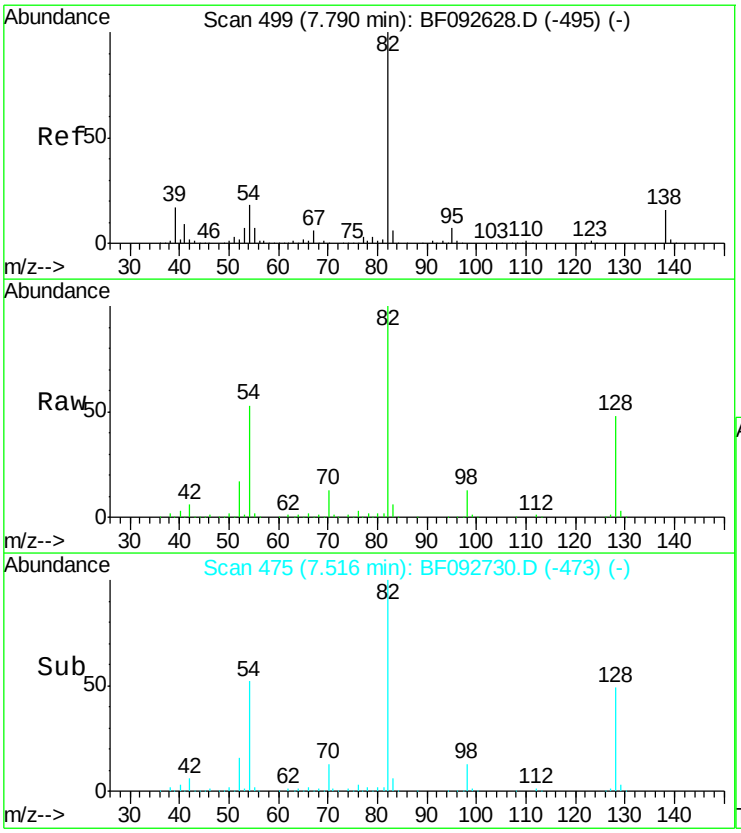
#23
Nitrobenzene-d5
Concen: 81.75 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion: 82 Resp: 755357

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.6	52.0
54	52.6	39.5	59.3

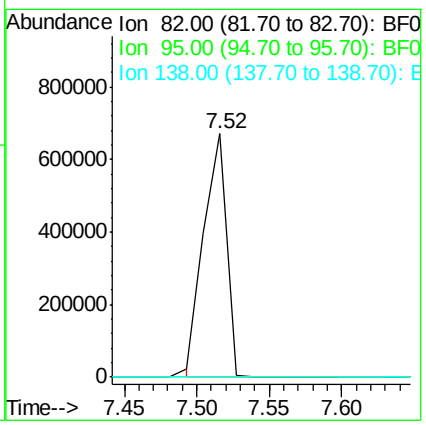


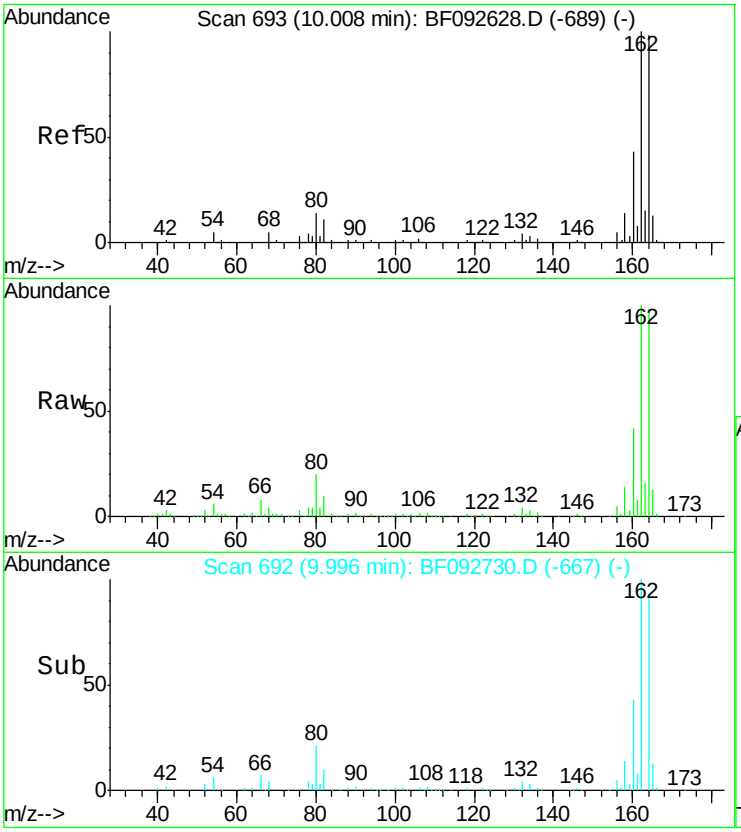


#25
Isophorone
Concen: 42.80 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion: 82 Resp: 736902

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



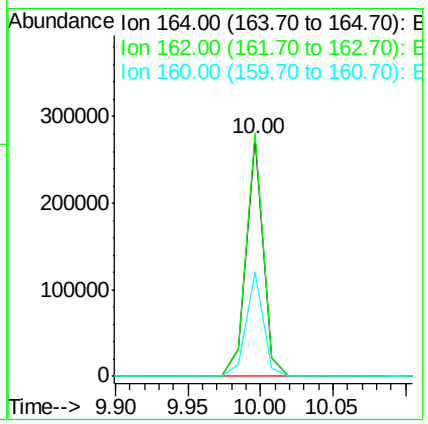


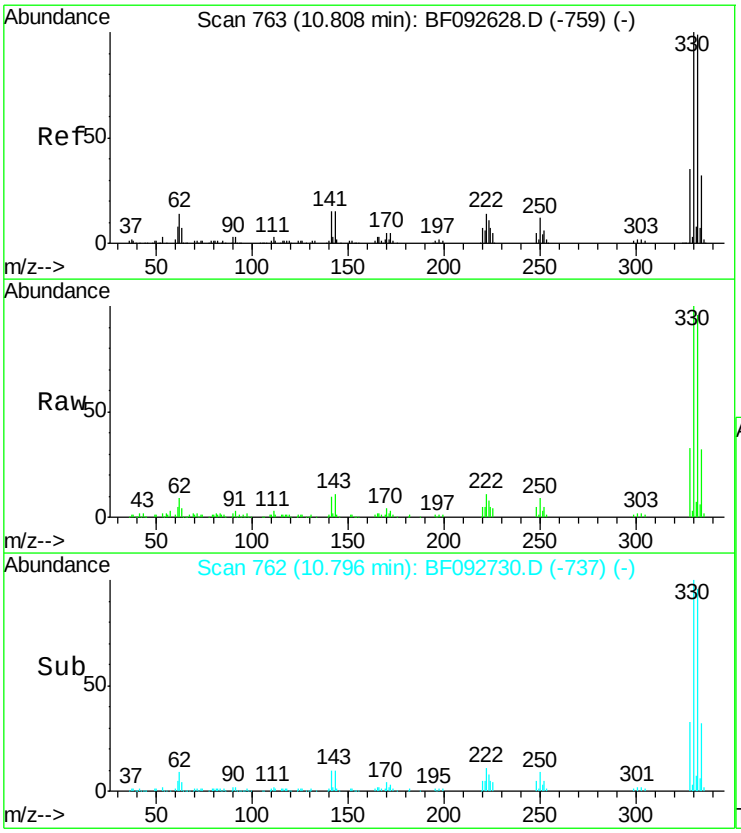
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:164 Resp: 225450

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.5	36.9	55.3

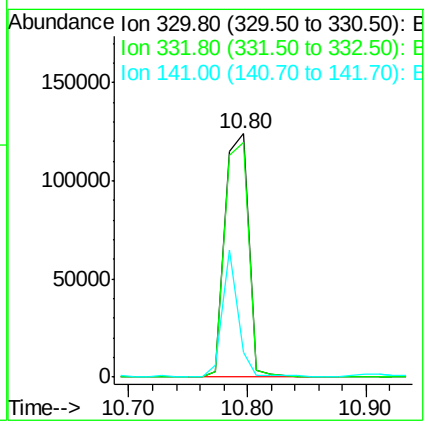


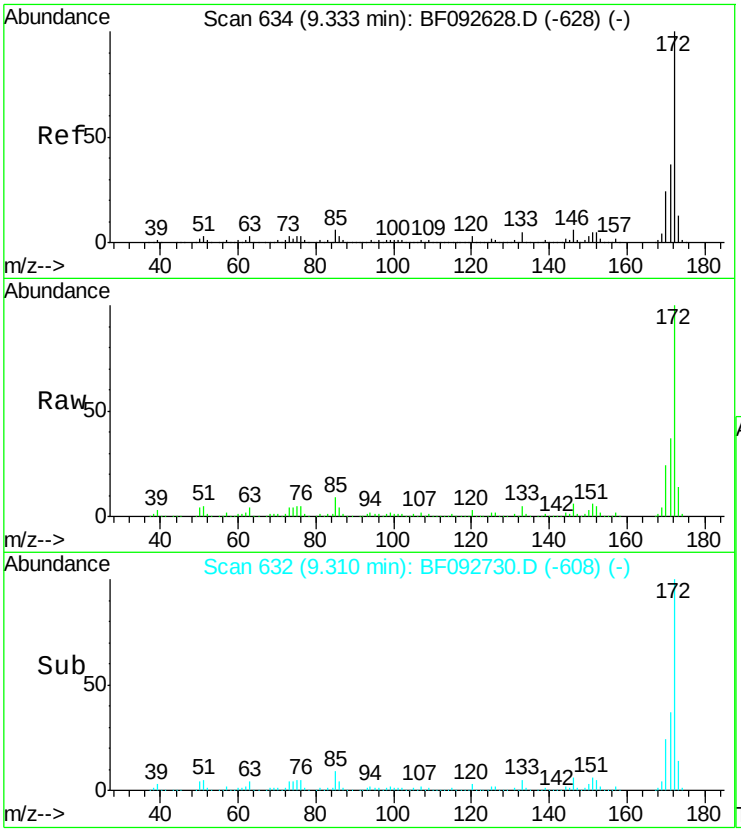


#41
2,4,6-Tribromophenol
Concen: 104.51 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:330 Resp: 170407

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	34.2	34.1	51.1



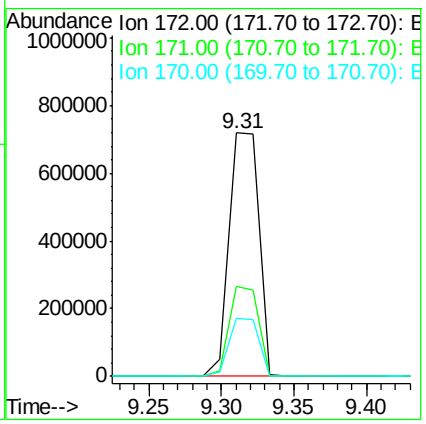


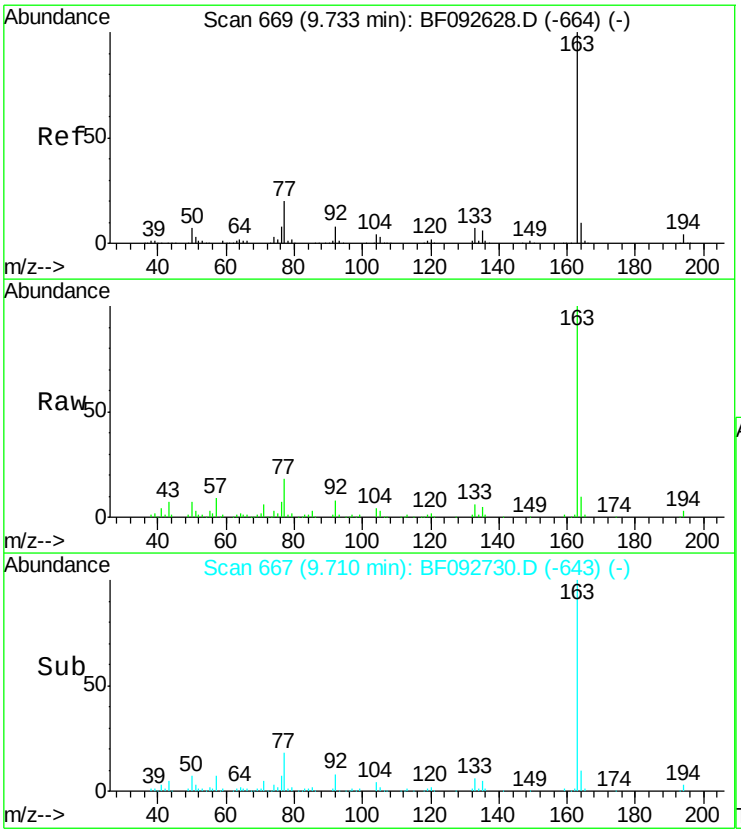
#44
2-Fluorobiphenyl
Concen: 82.67 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:172 Resp: 1028717

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.0	20.2	30.4

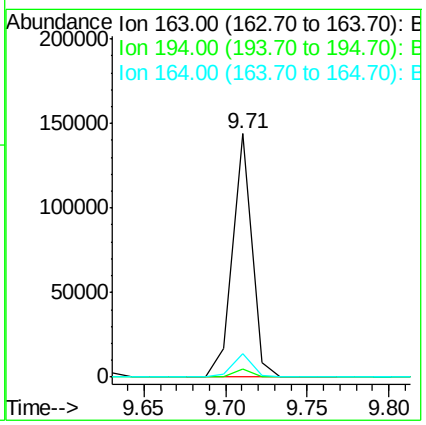


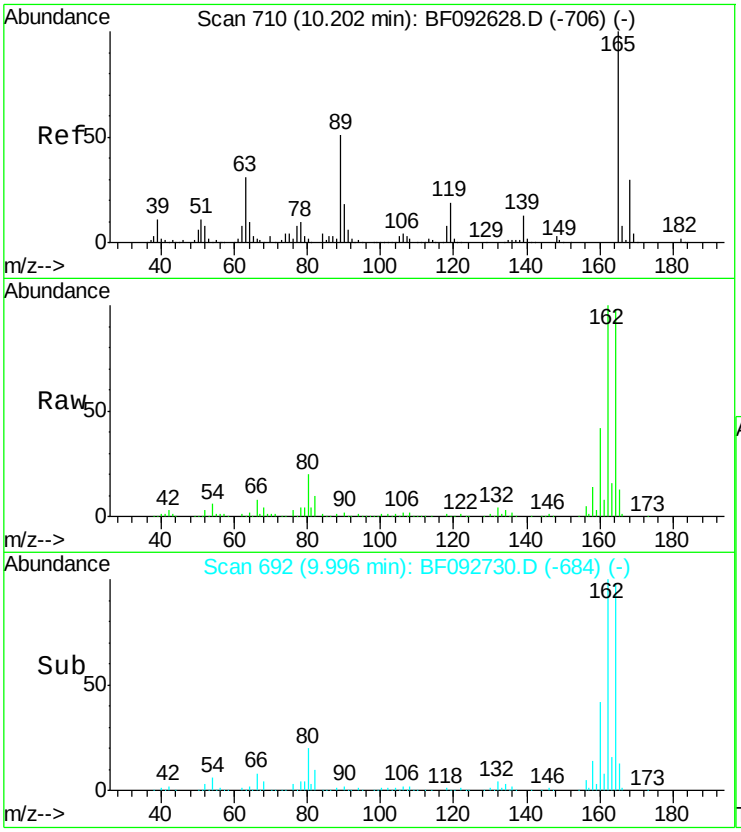


#49
Dimethylphthalate
Concen: 7.71 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:163 Resp: 117135

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.7	8.0	12.0



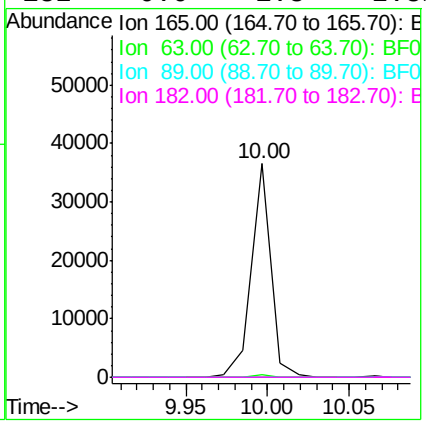


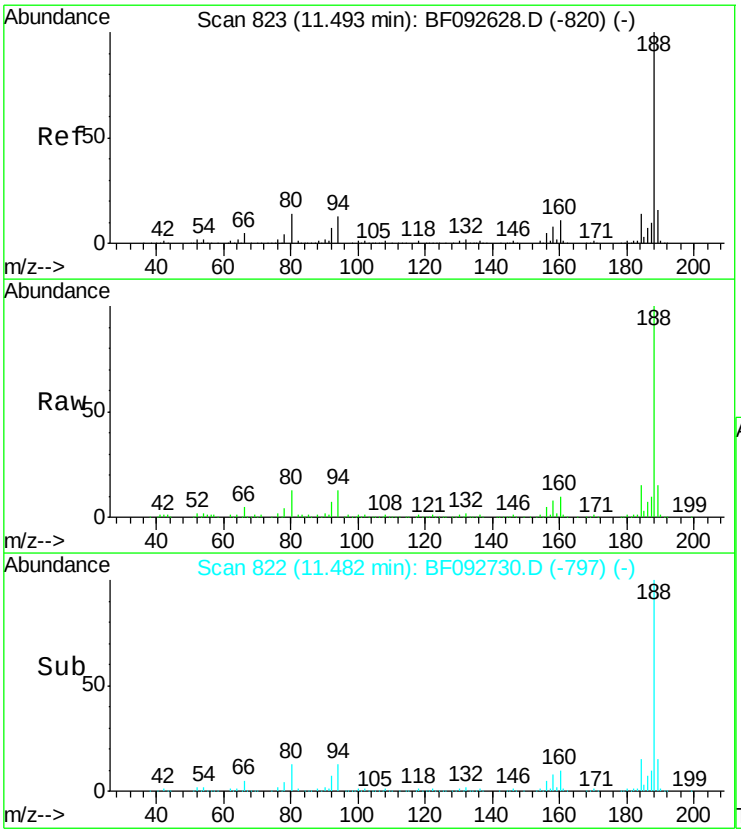
#56
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:165 Resp: 30493

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

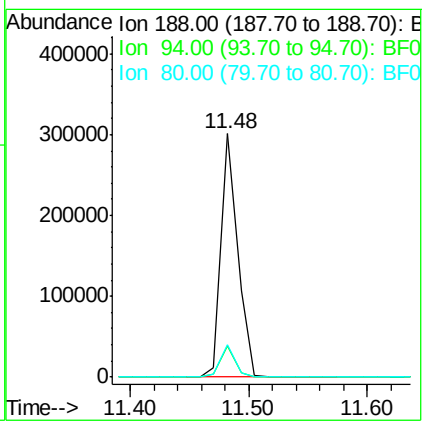


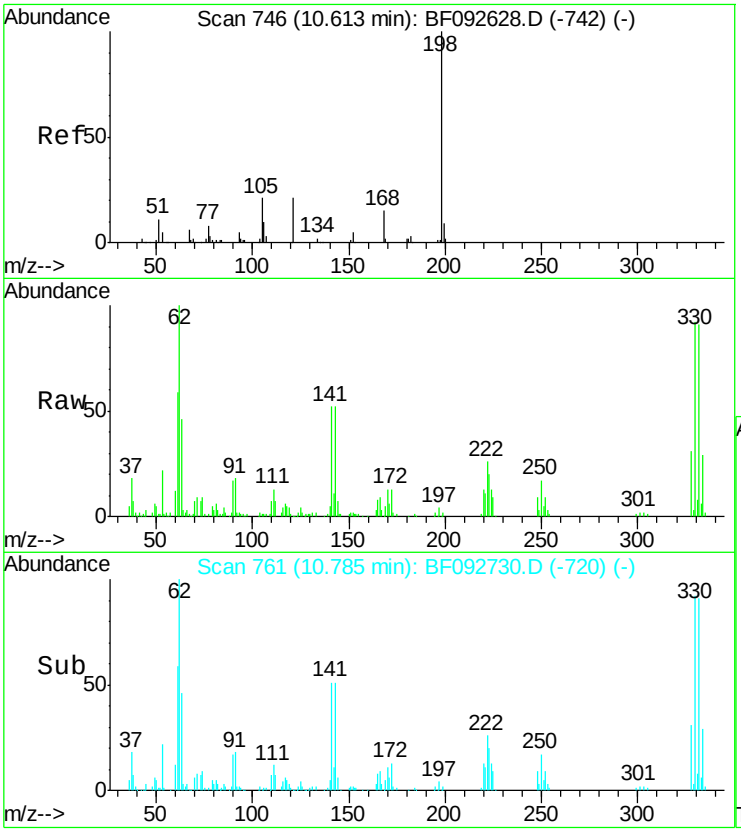


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:188 Resp: 290422

Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	13.4	11.2	16.8



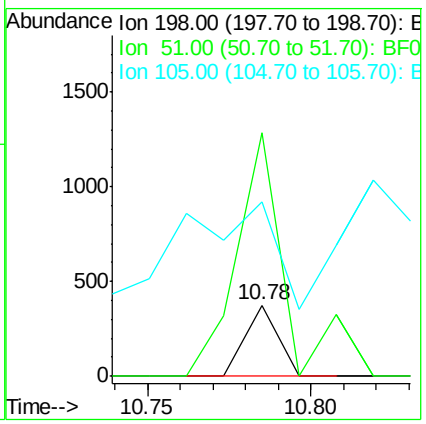


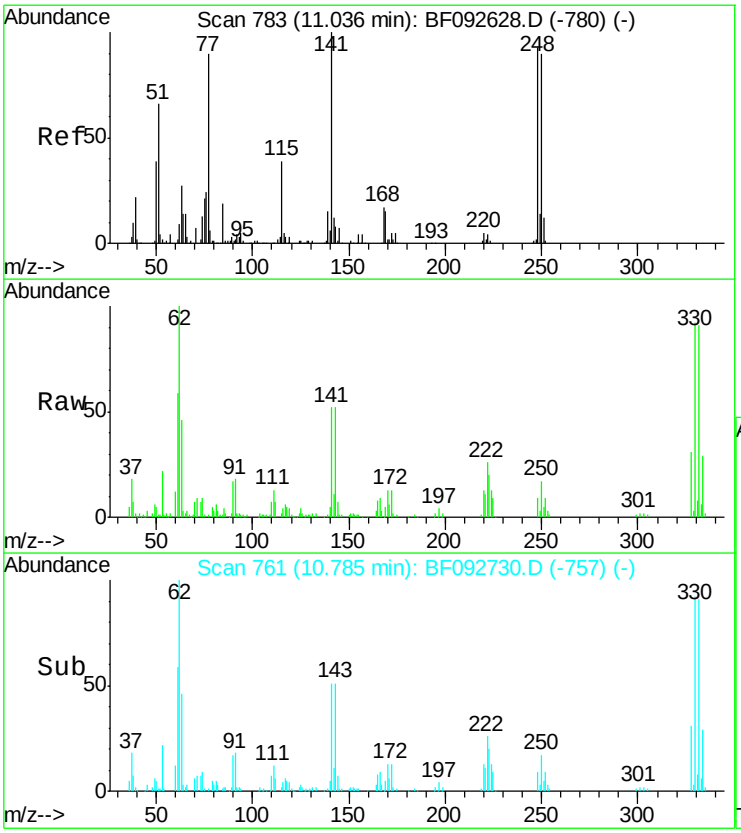
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.17 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:198 Resp: 257

Ion	Ratio	Lower	Upper
198	100		
51	342.7	6.7	46.7#
105	245.9	16.6	56.6#

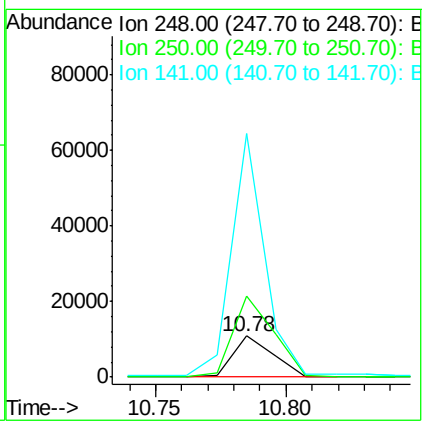


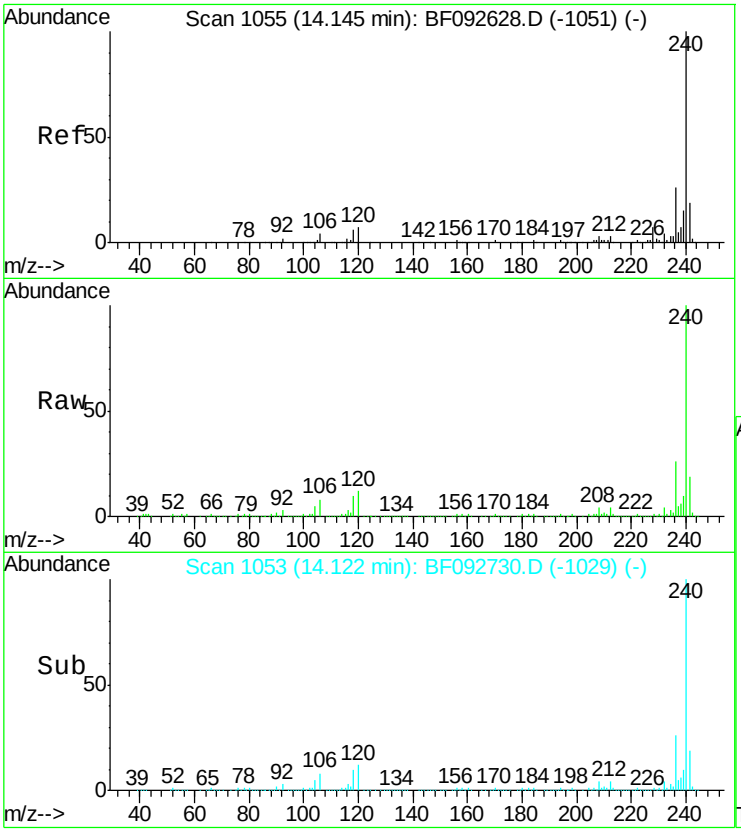


#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:248 Resp: 11696

Ion	Ratio	Lower	Upper
248	100		
250	198.1	76.9	115.3#
141	591.4	68.2	102.4#



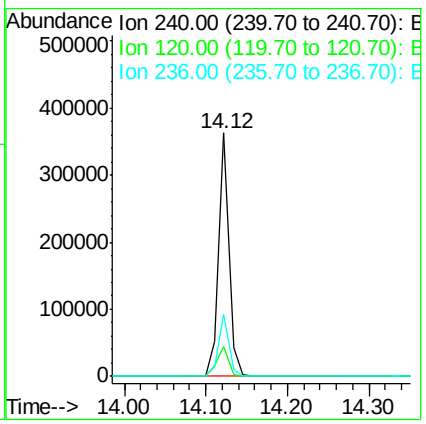


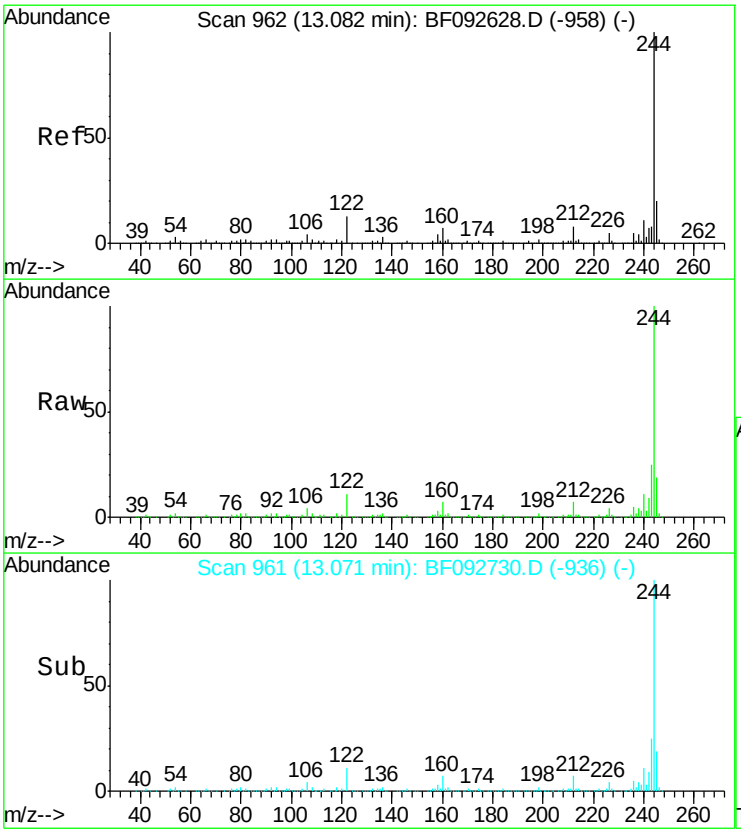
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:240 Resp: 320624

Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.9	19.3#
236	25.6	20.9	31.3

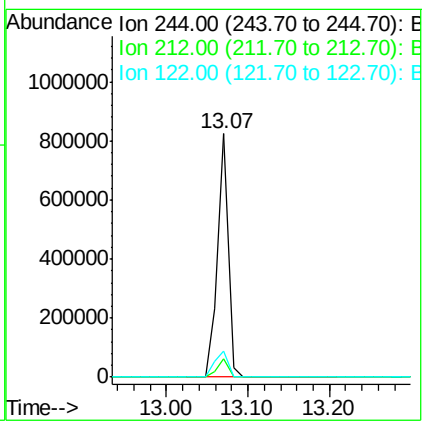


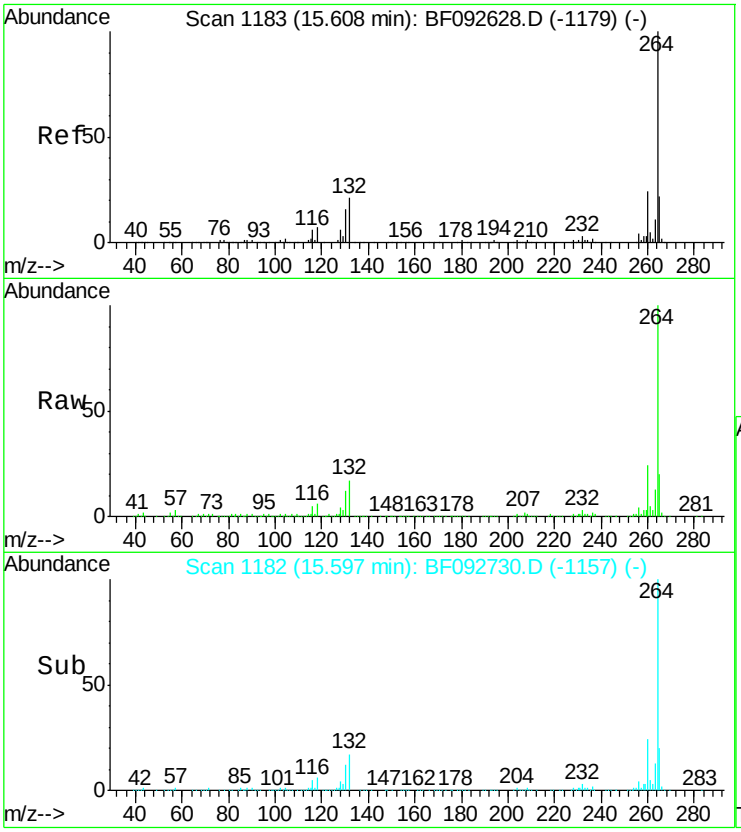


#78
Terphenyl-d14
Concen: 55.22 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:244 Resp: 753498

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.6	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:264 Resp: 282495

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.4	17.4	26.0