Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092275.D
Acq On : 14 Jan 2017 10:34
Operator : UM/SJ
Sample : I1162-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-45-COMP

Quant Time: Jan 16 03:17:14 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	210443	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	767113	20.00	ng		-0.02
38) Acenaphthene-d10	9.60	164	434980	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	598368	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	433325	20.00	ng		-0.02
86) Perylene-d12	15.07	264	342912	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1491818	118.37	ng		0.00
7) Phenol-d6	6.24	99	1925803	125.15	ng		-0.01
23) Nitrobenzene-d5	7.15	82	1113973	80.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	356645	99.07	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	1509302	68.61	ng		-0.01
78) Terphenyl-d14	12.67	244	1205647	67.48	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.26	94	114642	6.54	ng	#	68
19) n-Nitroso-di-n-propylamine	7.15	70	148200	14.48	ng	#	77
25) Isophorone	7.15	82	1109666	43.60	ng	#	65
49) Dimethylphthalate	9.34	163	230300	8.28	ng		99
56) 2,4-Dinitrotoluene	9.60	165	56560	7.40	ng	#	20
66) 4-Bromophenyl-phenylether	10.40	248	21750	3.49	ng	#	1
71) Anthracene	11.11	178	1357	Below Cal		#	59
73) Di-n-butylphthalate	11.66	149	2533	Below Cal		#	88
74) Fluoranthene	12.29	202	1650	Below Cal			74
76) Benzidine	12.44	184	868	Below Cal		#	65

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

Quantitation Report (Not Reviewed)

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Acq On : 14 Jan 2017 10:34
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
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SB-45-COMP

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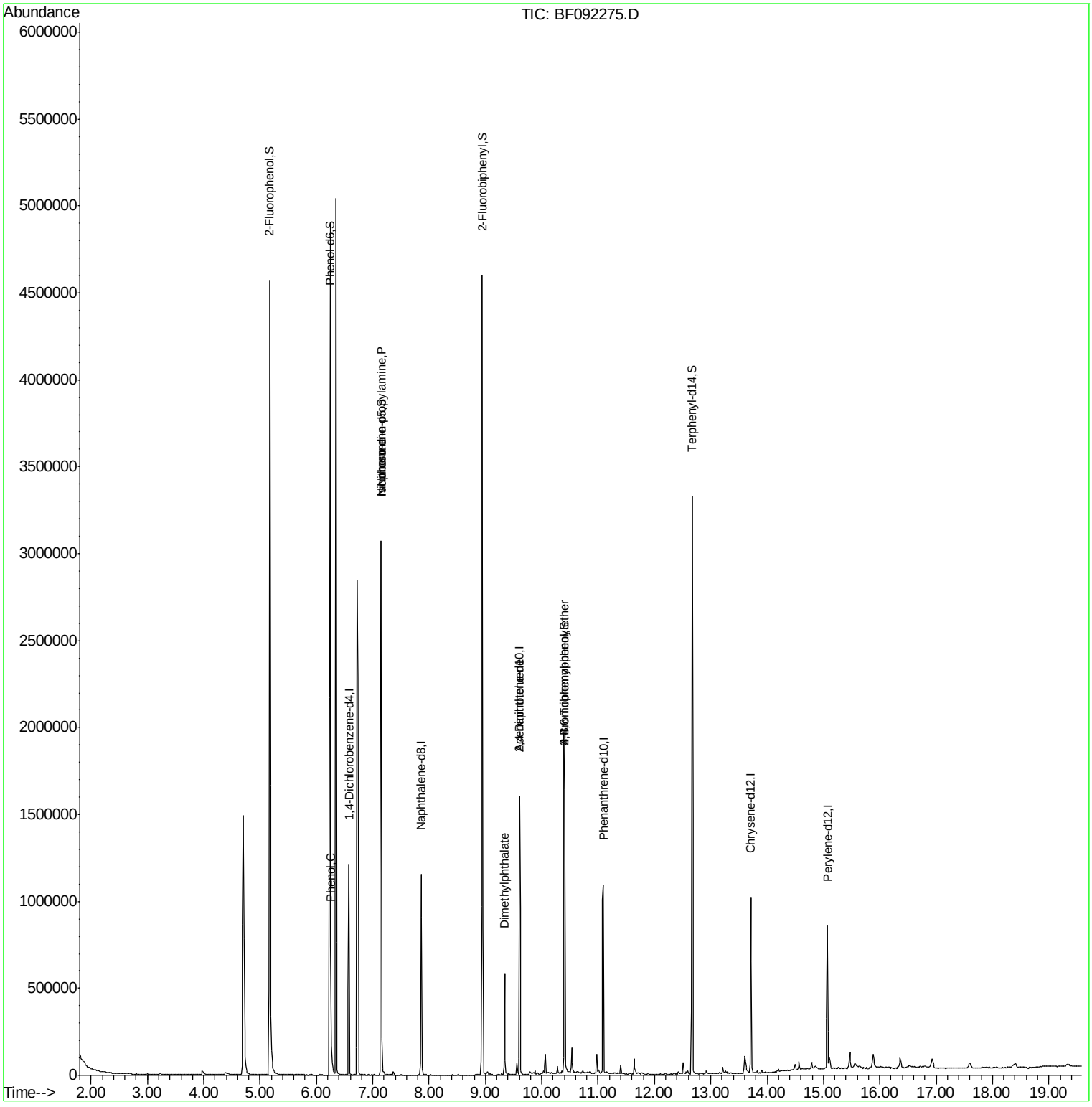
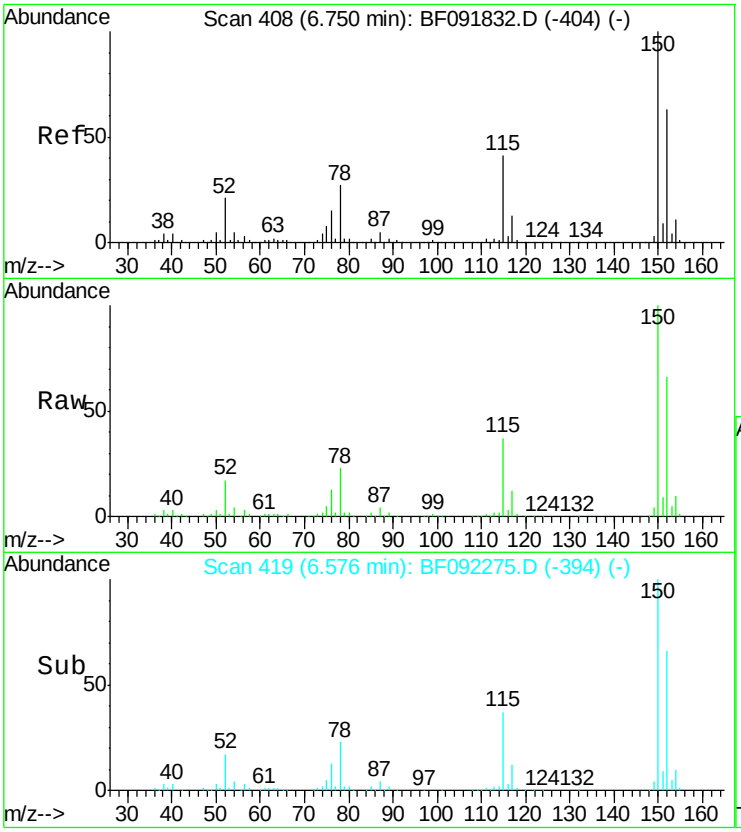


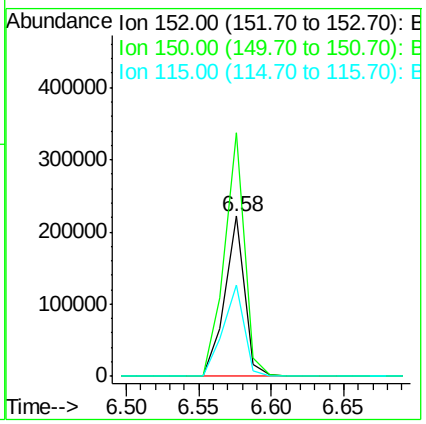


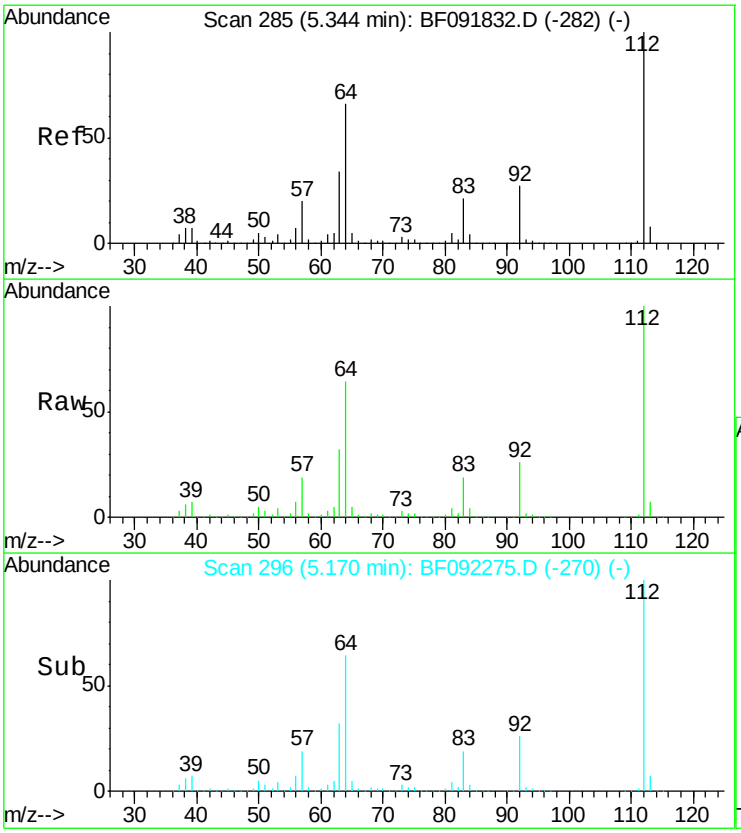
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion:152 Resp: 210443

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.9	187.3
115	56.9	46.0	69.0

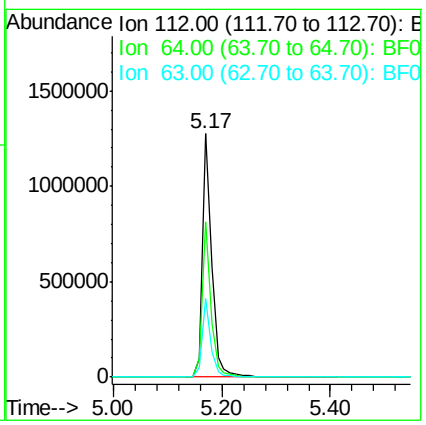


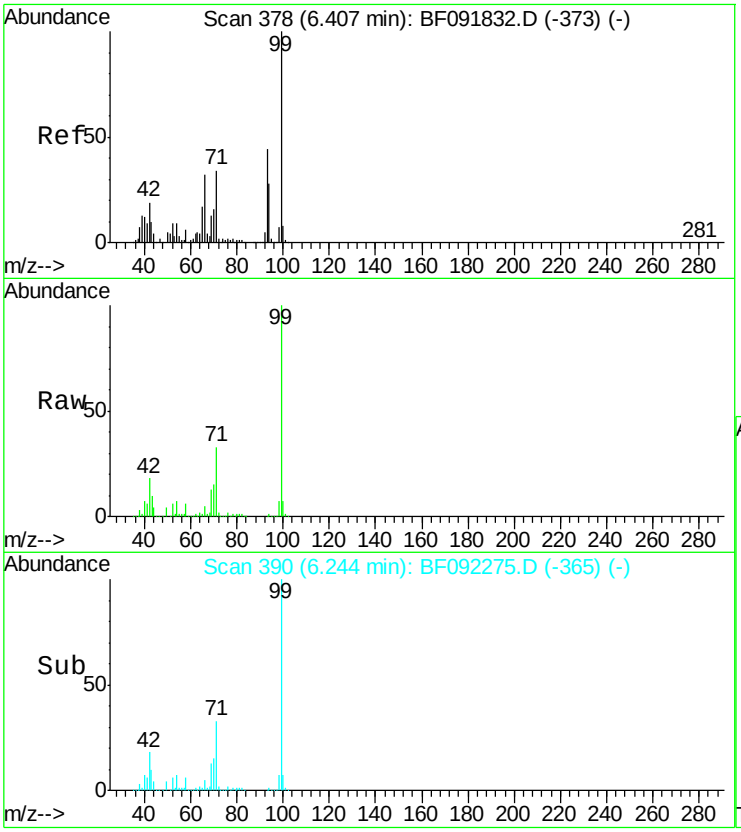


#5
2-Fluorophenol
Concen: 118.37 ng
RT: 5.17 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion:112 Resp: 1491818

Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.1	69.1
63	32.3	23.8	35.6



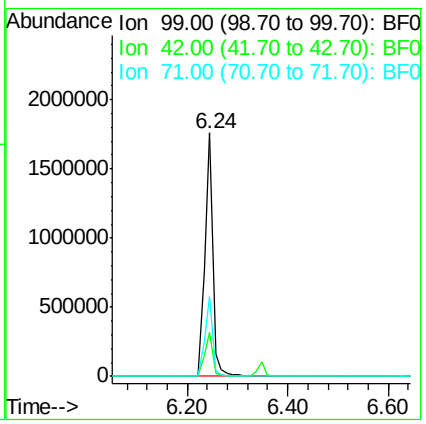


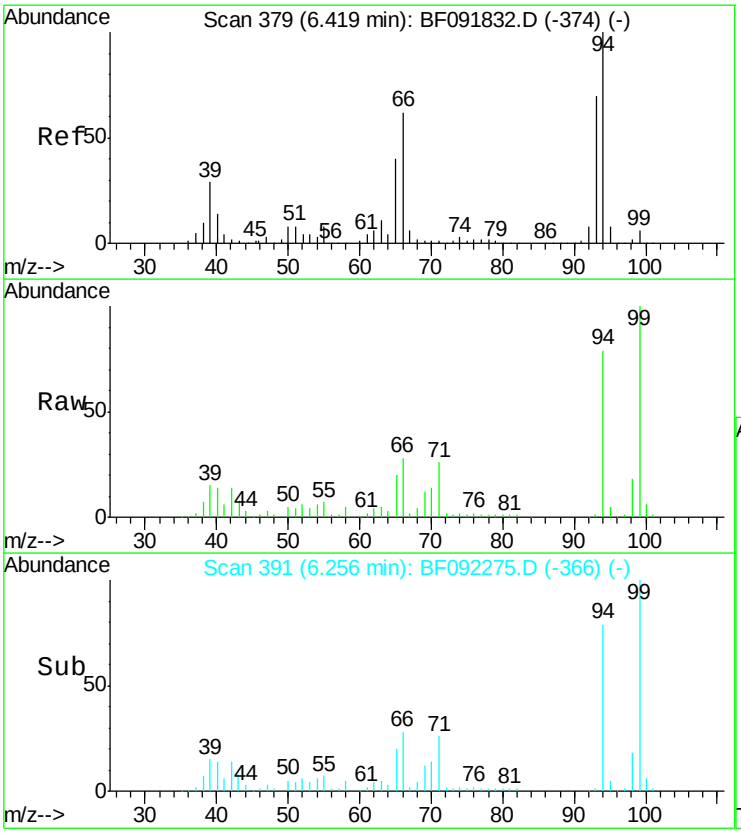
#7
Phenol-d6
Concen: 125.15 ng
RT: 6.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion: 99 Resp: 1925803

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.6	23.4
71	33.0	27.5	41.3

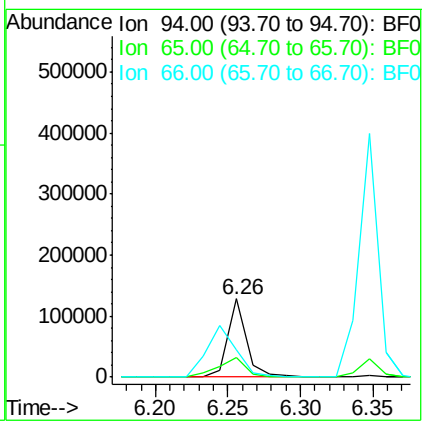


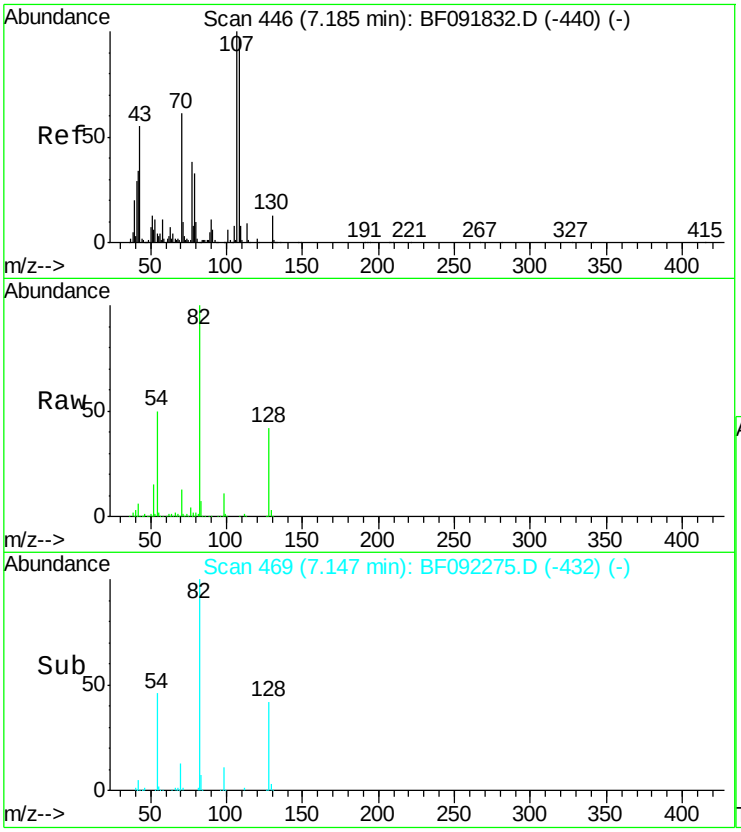


#10
Phenol
Concen: 6.54 ng
RT: 6.26 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion: 94 Resp: 114642

Ion	Ratio	Lower	Upper
94	100		
65	25.7	21.4	61.4
66	35.0	44.0	84.0#



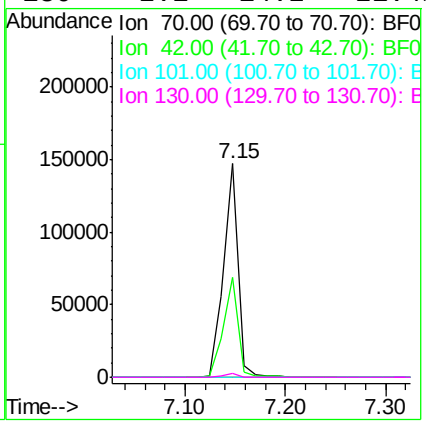


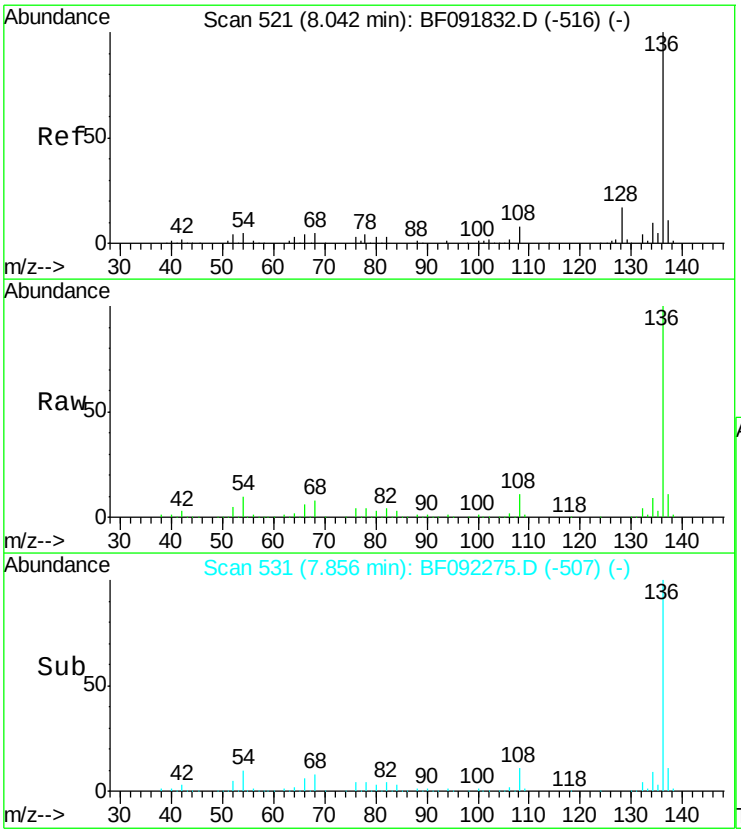
#19
n-Nitroso-di-n-propylamine
Concen: 14.48 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion: 70 Resp: 148200

Ion	Ratio	Lower	Upper
70	100		
42	46.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

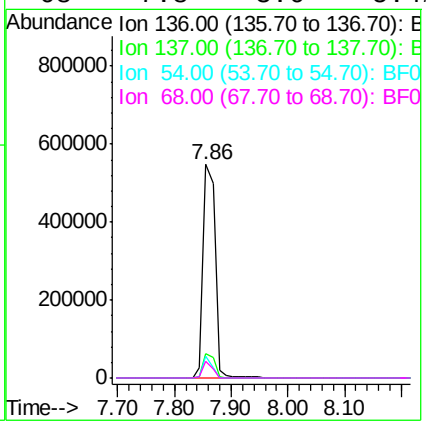


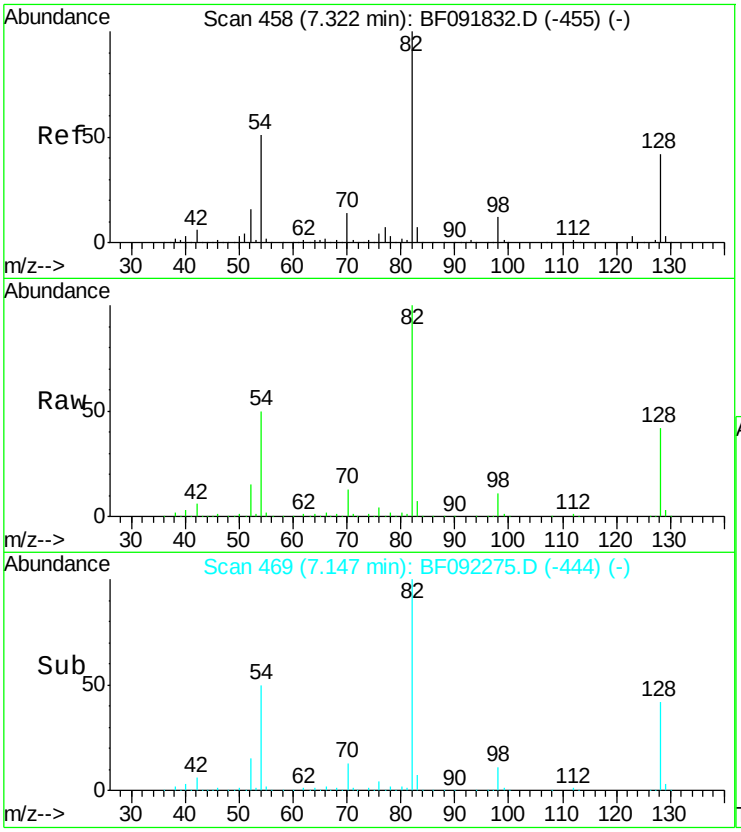


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion:136 Resp: 767113

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	10.1	4.5	6.7#
68	7.8	3.6	5.4#



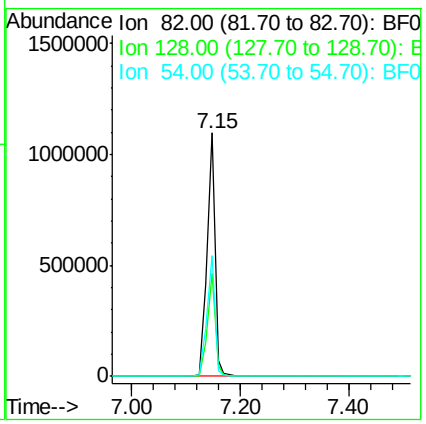


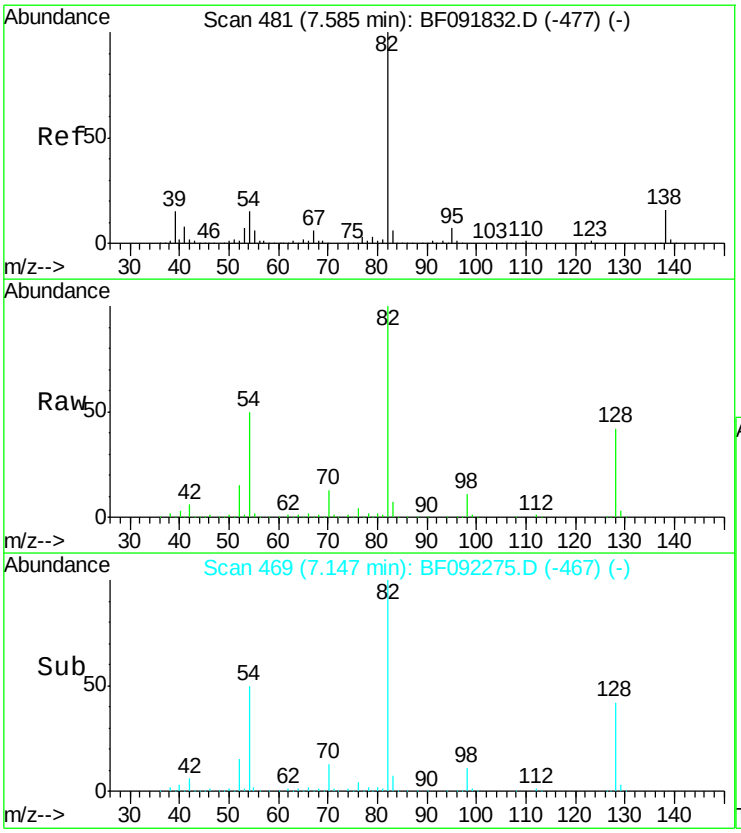
#23
Nitrobenzene-d5
Concen: 80.75 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion: 82 Resp: 1113973

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	49.7	39.5	59.3

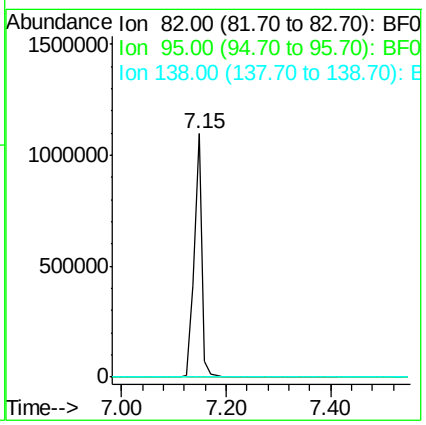


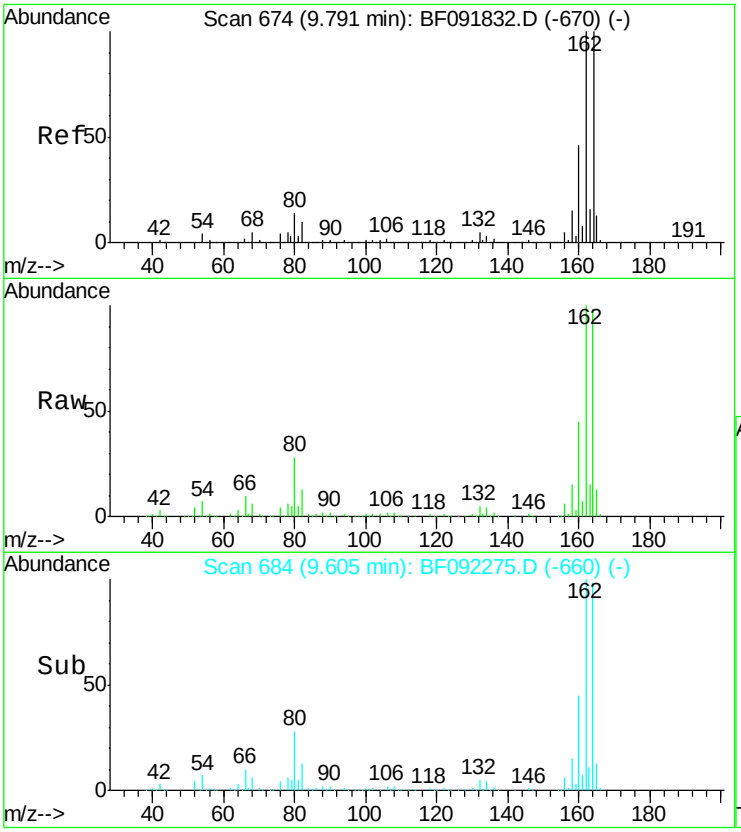


#25
Isophorone
Concen: 43.60 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion: 82 Resp: 1109666

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



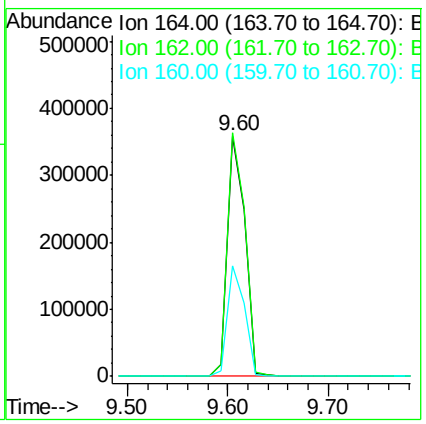


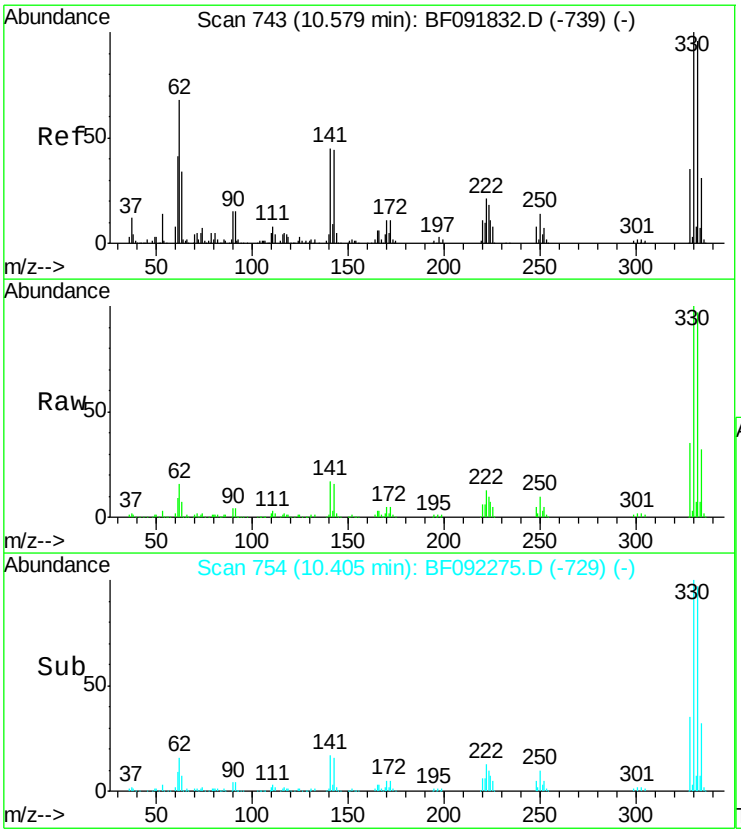
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion:164 Resp: 434980

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	45.8	36.9	55.3

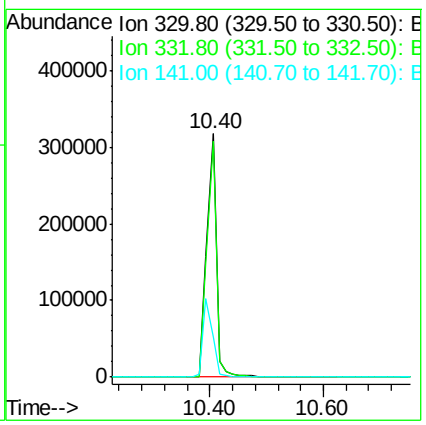


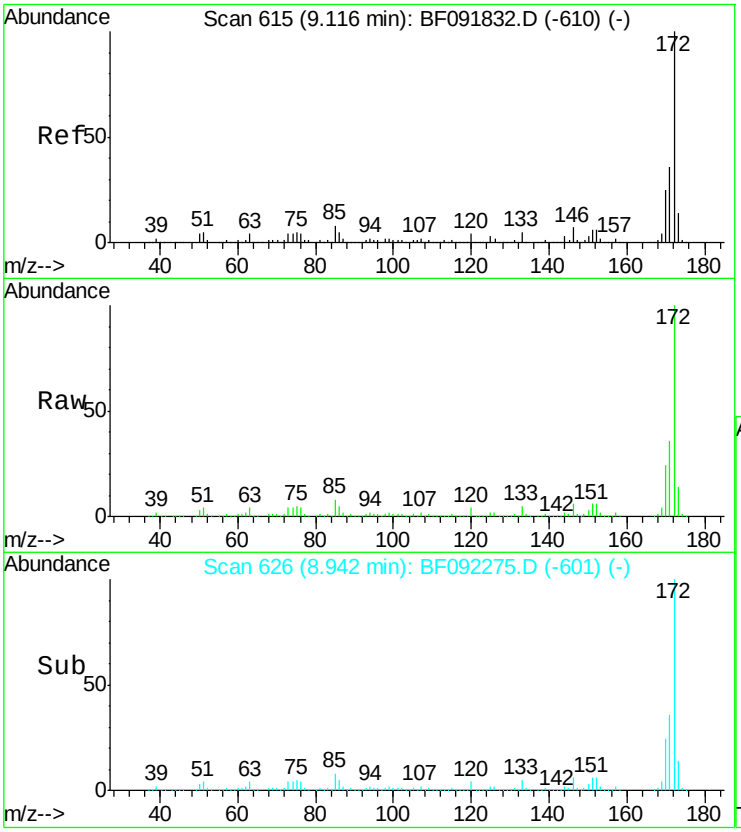


#41
2,4,6-Tribromophenol
Concen: 99.07 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion:330 Resp: 356645

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	32.8	34.1	51.1#



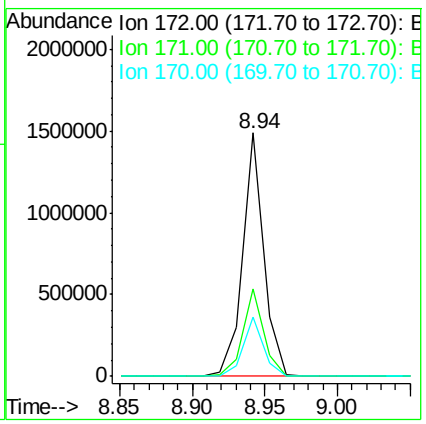


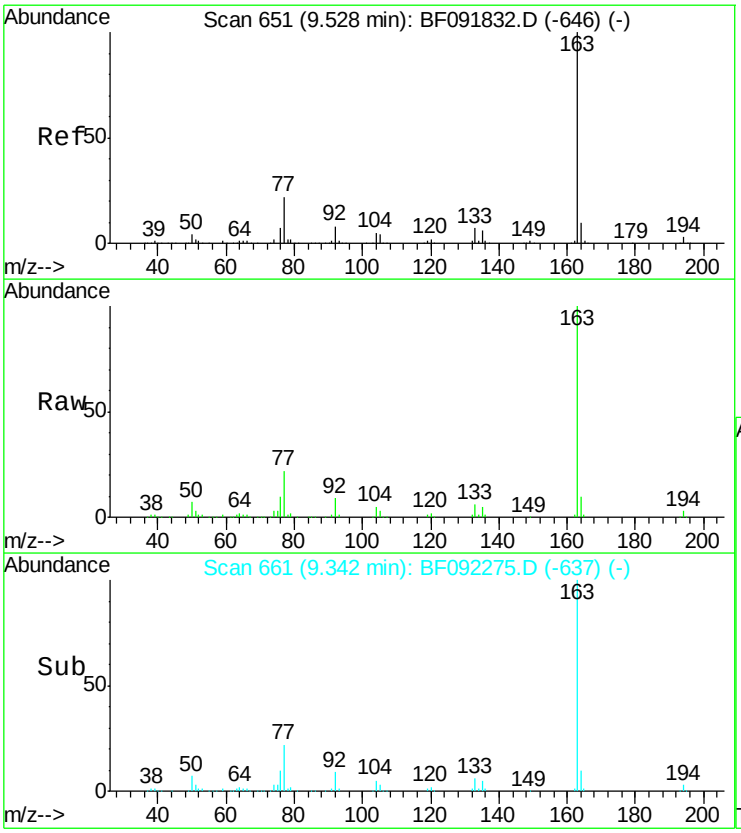
#44
2-Fluorobiphenyl
Concen: 68.61 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion:172 Resp: 1509302

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.4	20.2	30.4

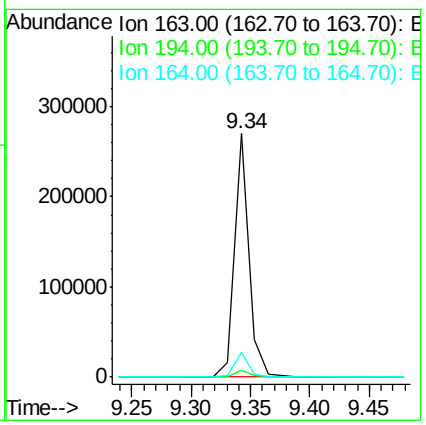


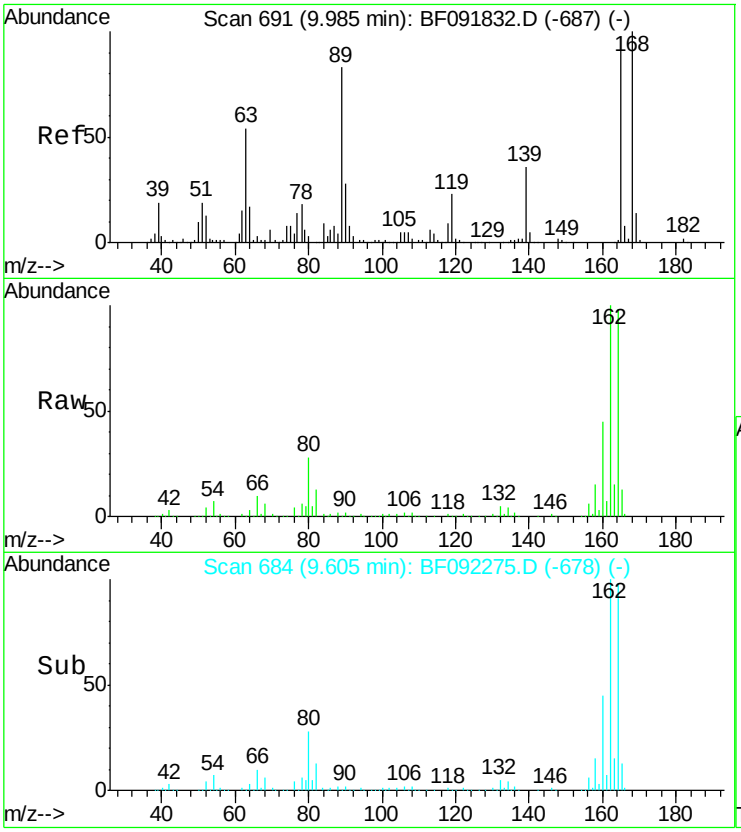


#49
Dimethylphthalate
Concen: 8.28 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion:163 Resp: 230300

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.2	8.0	12.0



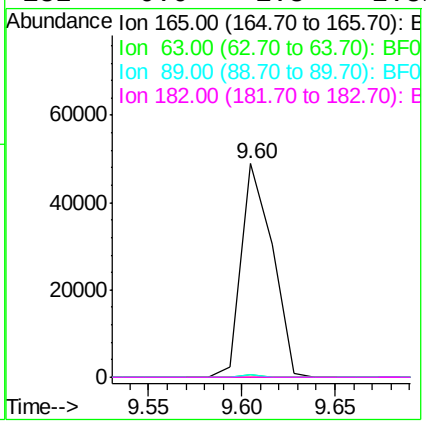


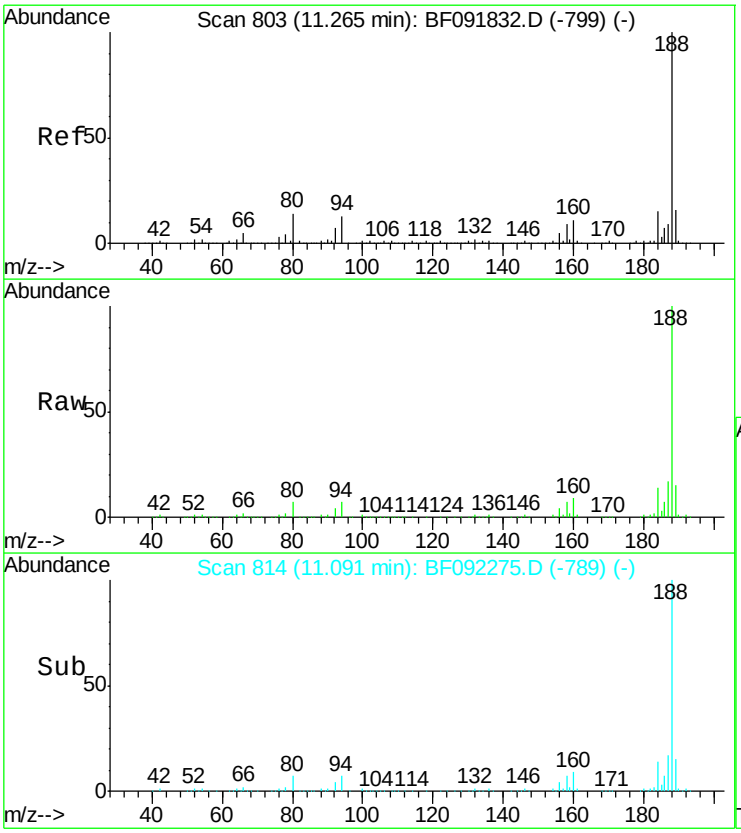
#56
2,4-Dinitrotoluene
Concen: 7.40 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion:165 Resp: 56560

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

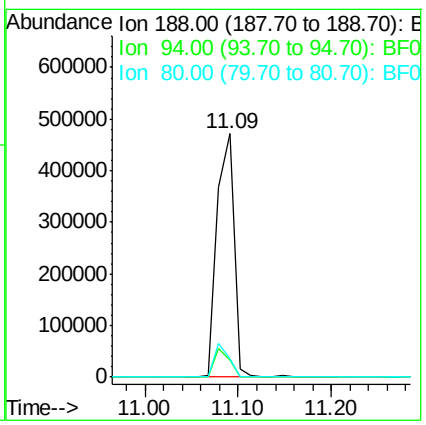


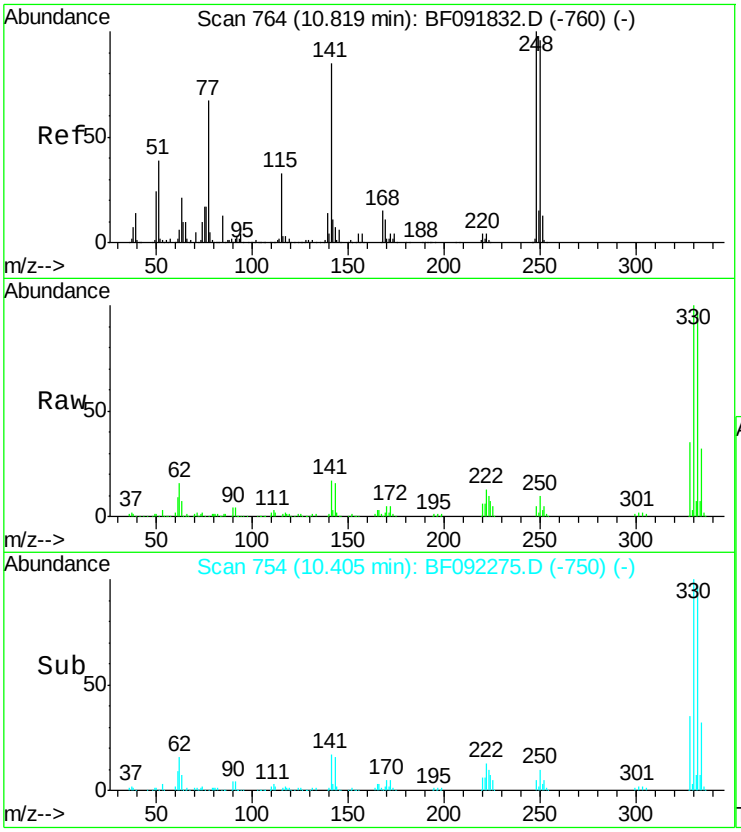


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion:188 Resp: 598368

Ion	Ratio	Lower	Upper
188	100		
94	7.2	10.0	15.0#
80	7.3	11.2	16.8#



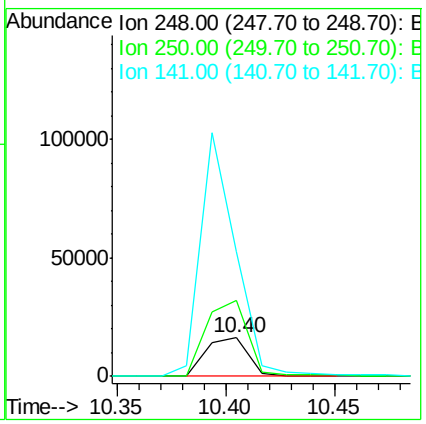


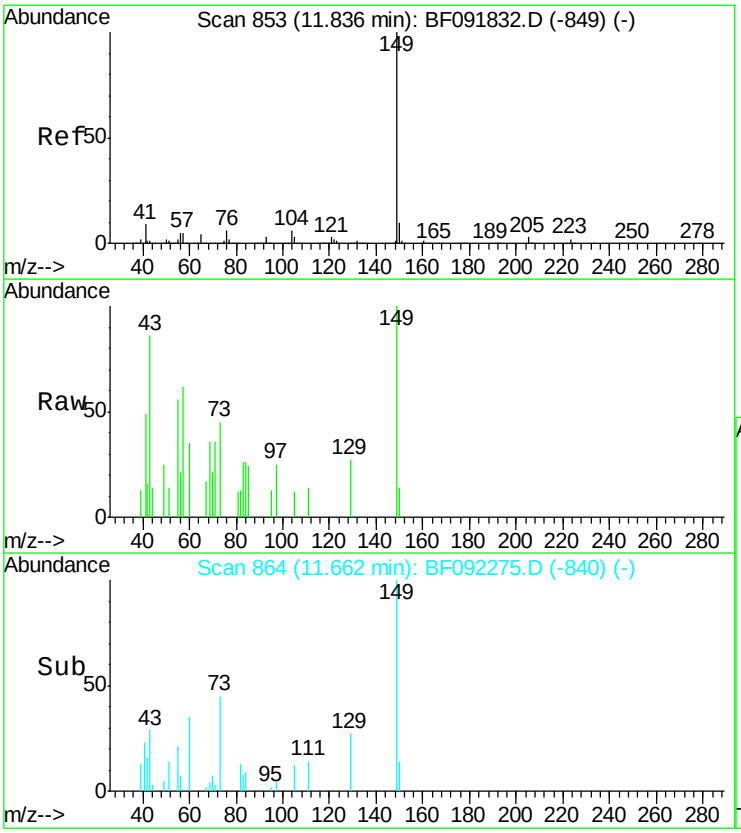
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion:248 Resp: 21750

Ion	Ratio	Lower	Upper
248	100		
250	196.9	76.9	115.3#
141	326.2	68.2	102.4#

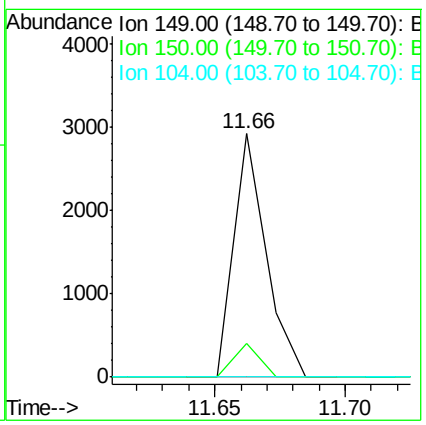


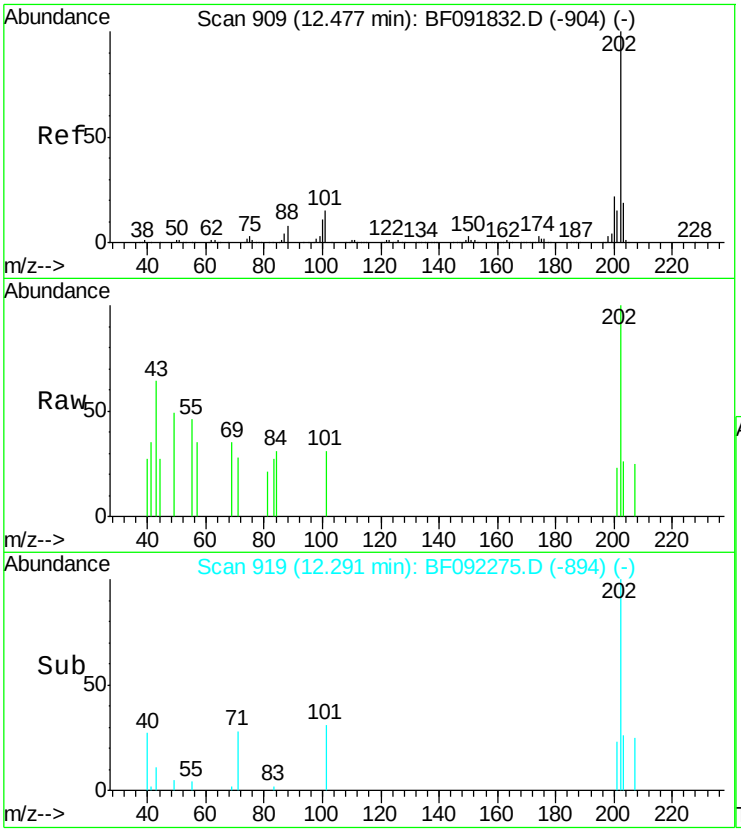


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.66 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion:149 Resp: 2533

Ion	Ratio	Lower	Upper
149	100		
150	13.6	8.1	12.1#
104	0.0	4.6	7.0#



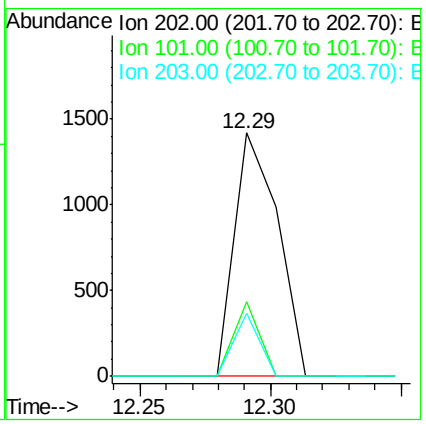


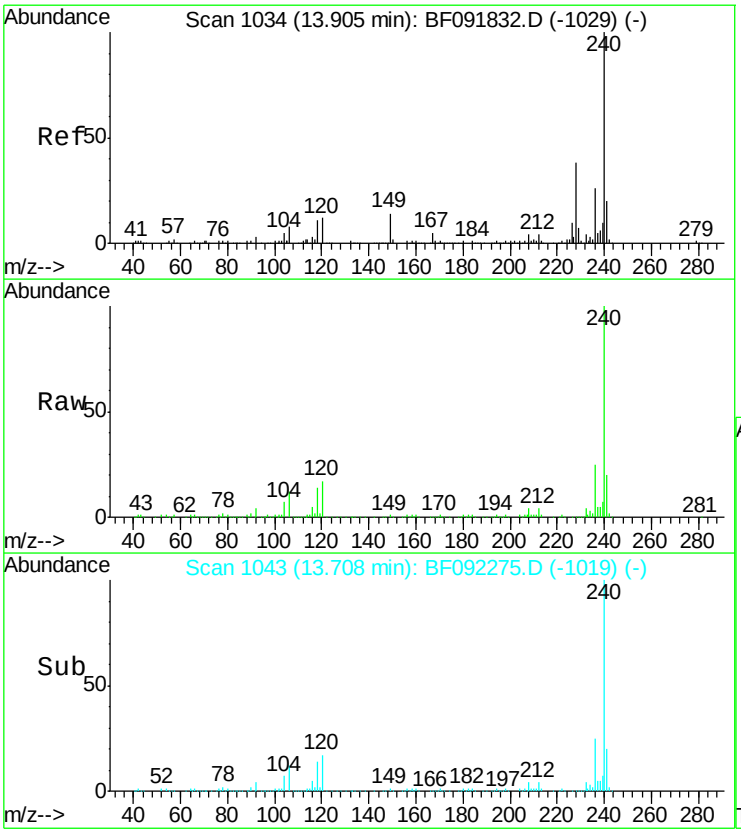
#74
Fluoranthene
Concen: Below Cal
RT: 12.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion:202 Resp: 1650

Ion	Ratio	Lower	Upper
202	100		
101	30.6	0.0	34.6
203	25.9	0.0	38.7

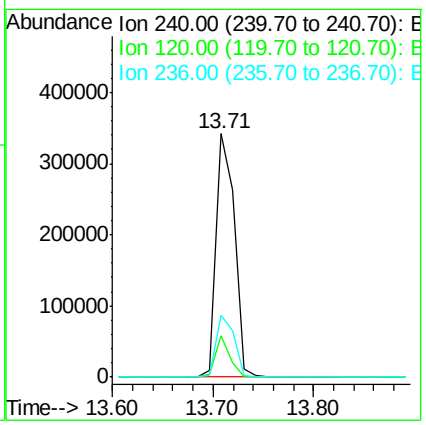


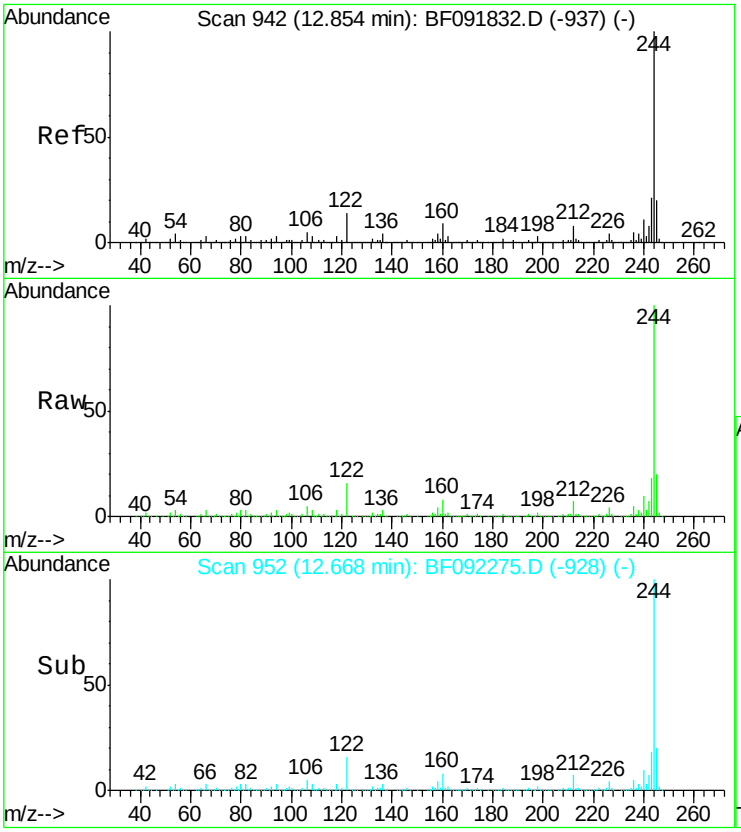


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion:240 Resp: 433325

Ion	Ratio	Lower	Upper
240	100		
120	16.9	12.9	19.3
236	25.4	20.9	31.3



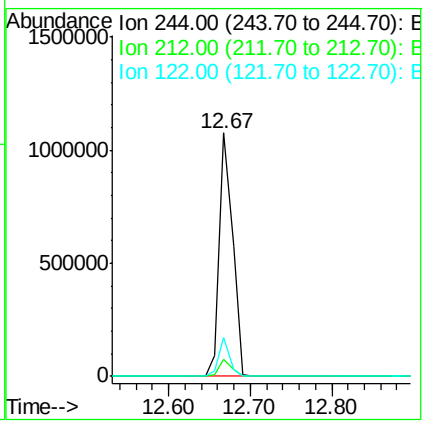


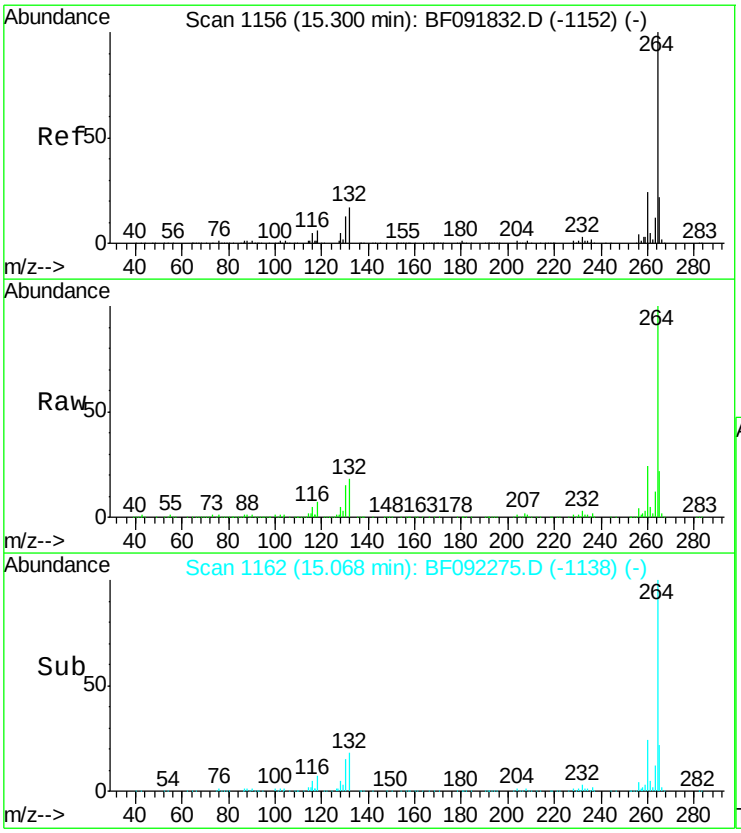
#78
Terphenyl-d14
Concen: 67.48 ng
RT: 12.67 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF092275.D
Acq: 14 Jan 2017 10:34

Instrument :
BNA_F
ClientSampleId :
SB-45-COMP

Tgt Ion:244 Resp: 1205647

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	15.7	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: BF092275.D
Acq: 14 Jan 2017 10:34

Tgt Ion:264 Resp: 342912

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0