Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090675.D
Acq On : 20 Oct 2016 5:16
Operator : UM/SJ
Sample : H5287-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP101416

Quant Time: Oct 20 06:37:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	230503	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	984504	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	518976	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	737100	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	471098	20.00	ng	-0.01
86) Perylene-d12	15.50	264	447998	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	422066	33.57	ng	-0.01
7) Phenol-d6	6.51	99	353197	18.90	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1170309	66.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	195595	42.27	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1968690	62.50	ng	-0.01
78) Terphenyl-d14	13.00	244	1523169	75.28	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.08	42	281	7.21	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	135800	10.60	ng	# 81
49) Dimethylphthalate	9.64	163	118587	3.52	ng	98

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

Quantitation Report (Not Reviewed)

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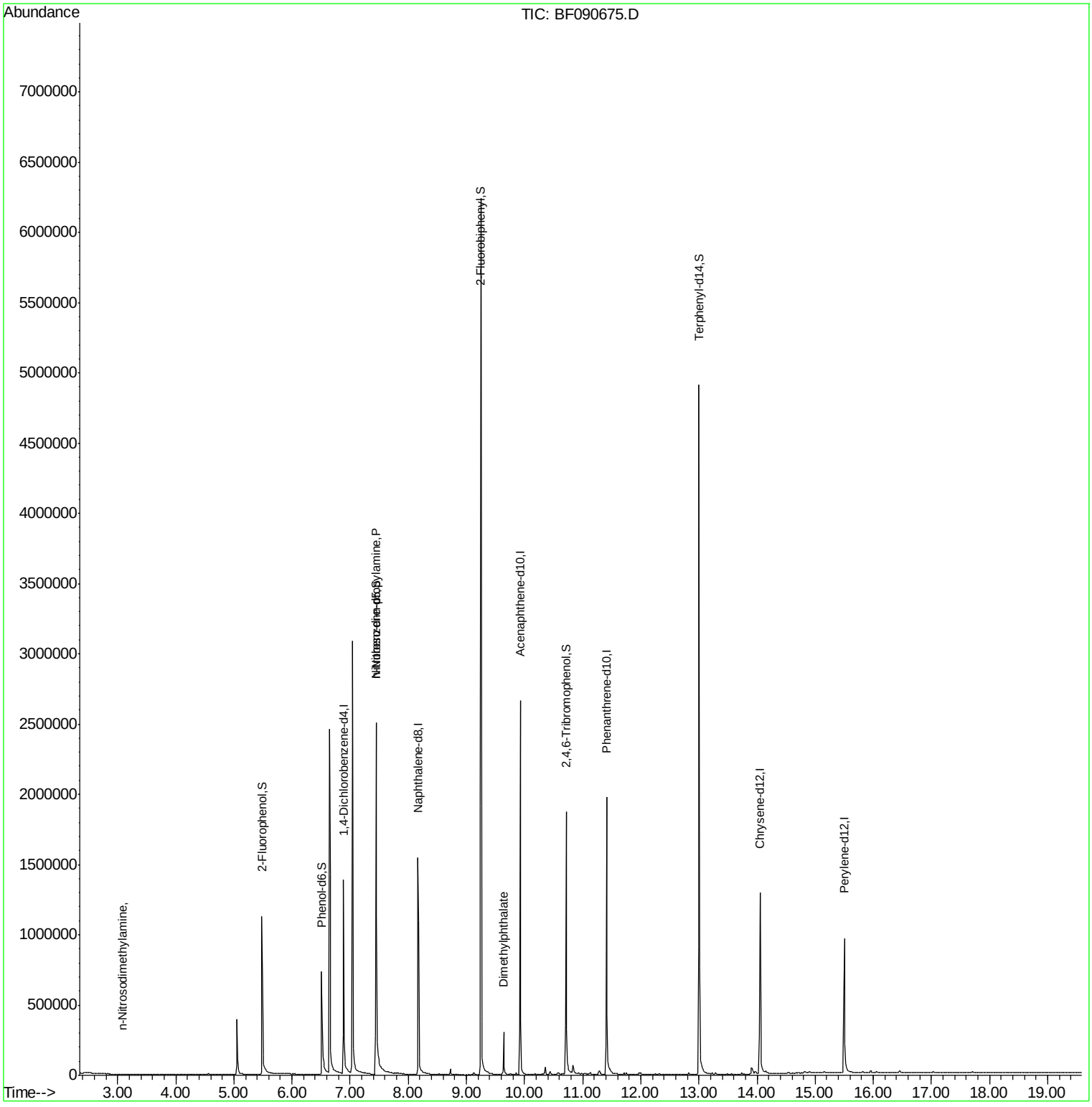
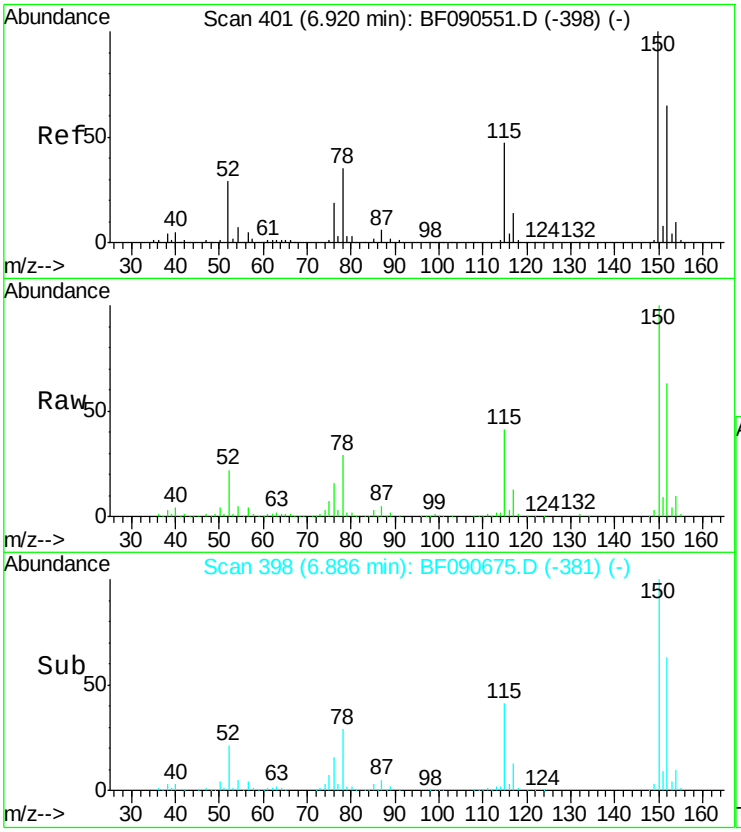


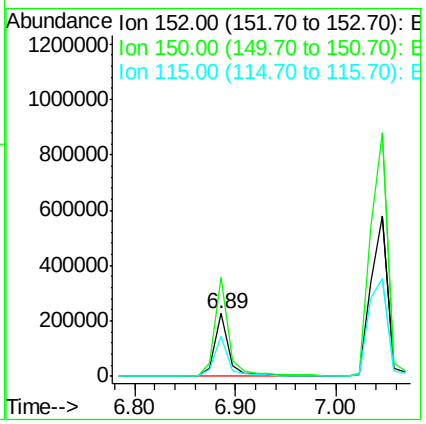


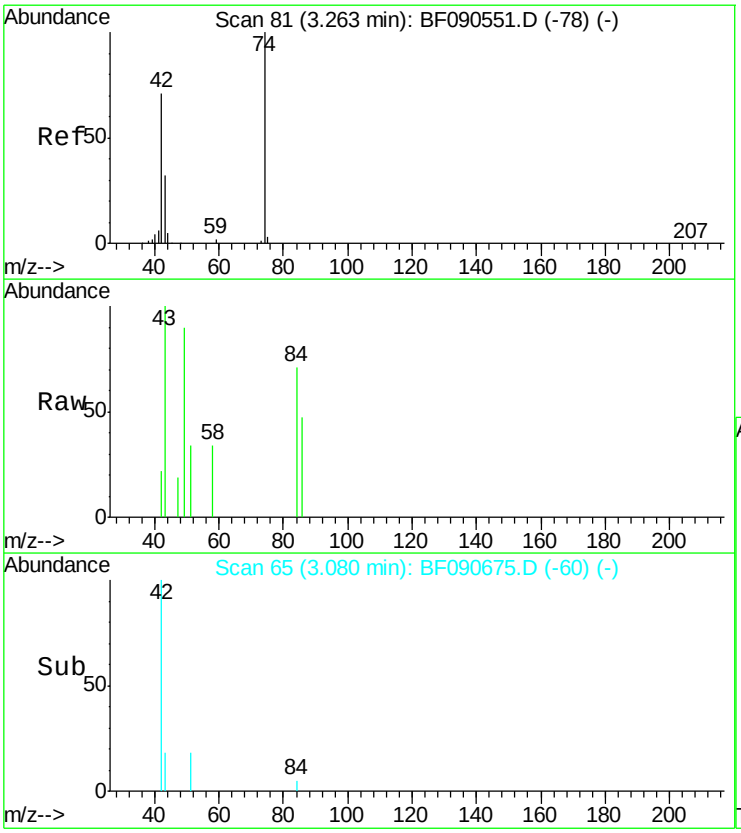
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion:152 Resp: 230503

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.2	190.8
115	64.2	58.6	88.0

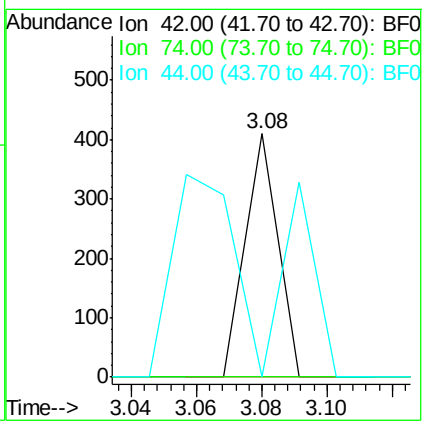


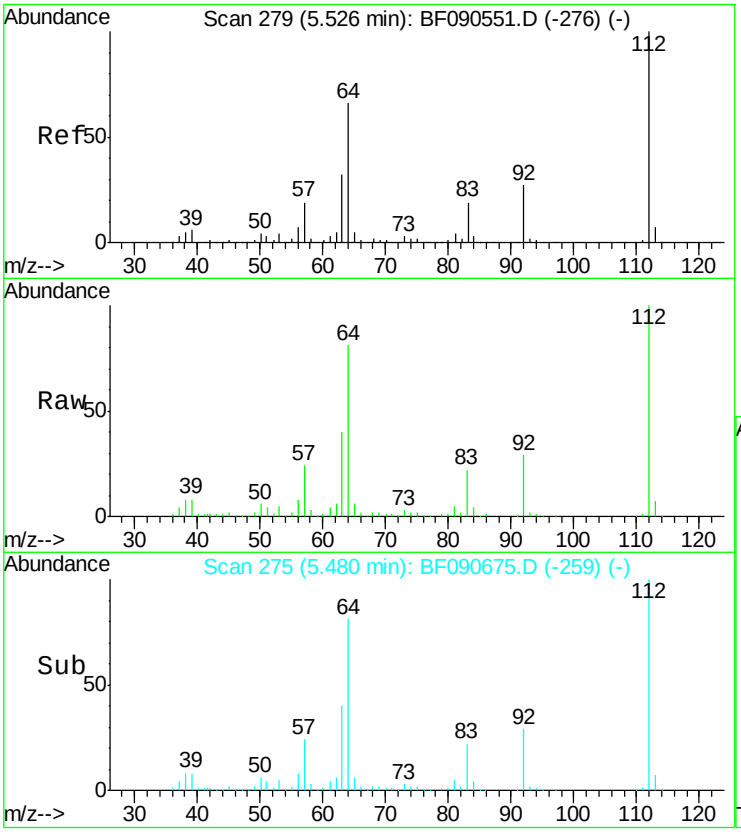


#4
n-Nitrosodimethylamine
Concen: 7.21 ng
RT: 3.08 min Scan# 65
Delta R.T. -0.14 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Tgt Ion: 42 Resp: 281

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.3	169.9#
44	0.0	6.0	9.0#



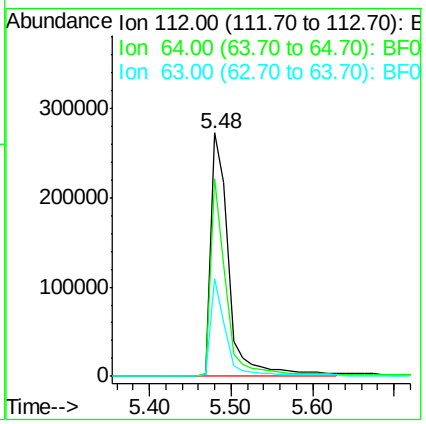


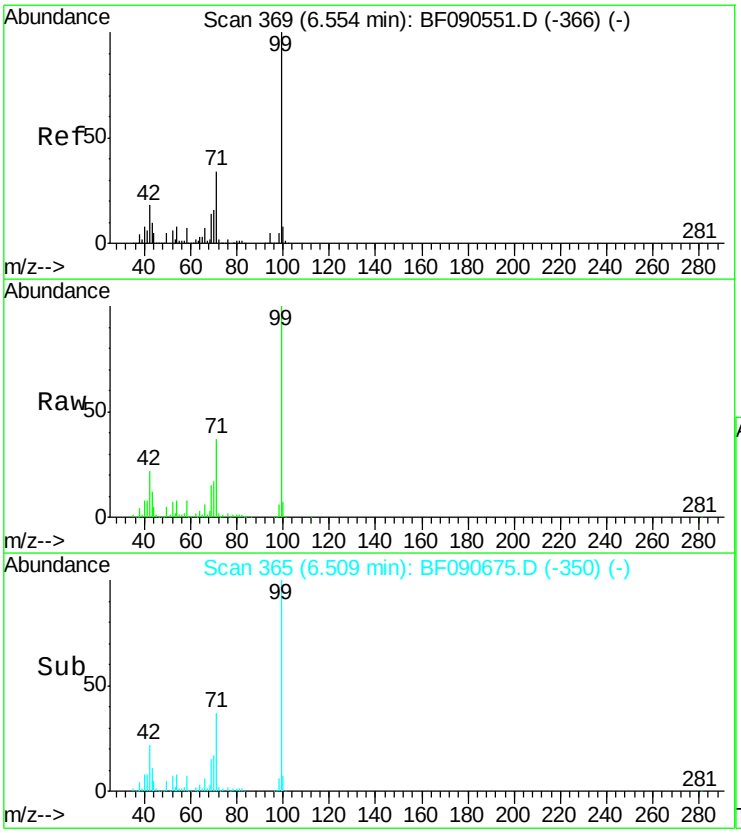
#5
2-Fluorophenol
Concen: 33.57 ng
RT: 5.48 min Scan# 275
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion:112 Resp: 422066

Ion	Ratio	Lower	Upper
112	100		
64	80.9	52.6	78.8#
63	40.4	26.0	39.0#

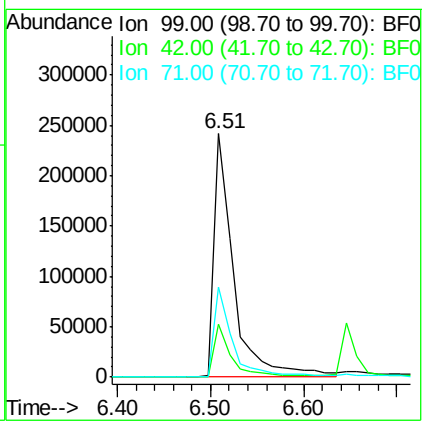


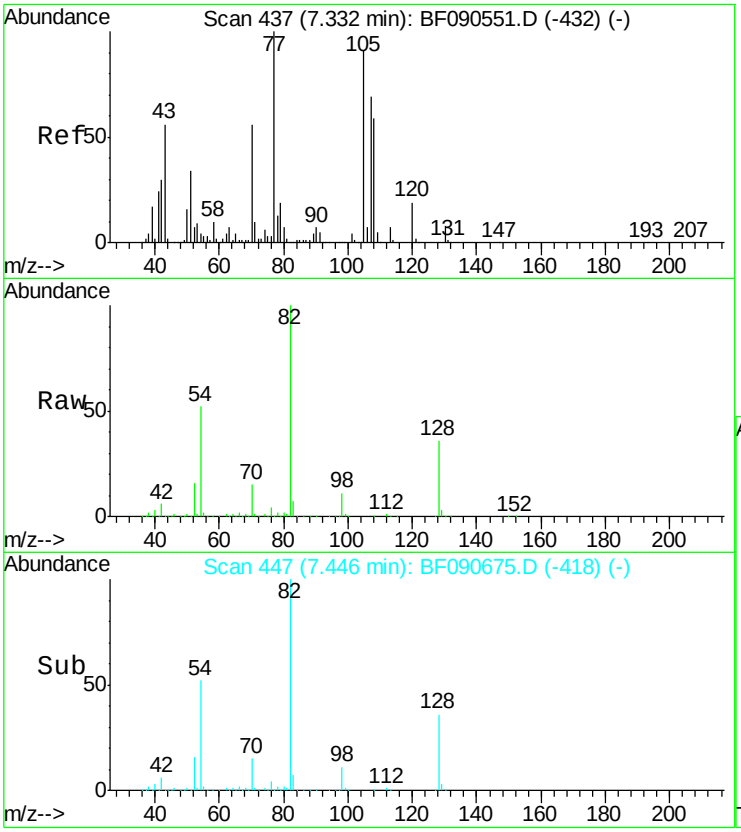


#7
Phenol-d6
Concen: 18.90 ng
RT: 6.51 min Scan# 365
Delta R.T. -0.02 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Tgt Ion: 99 Resp: 353197

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.7	22.1
71	37.0	27.6	41.4



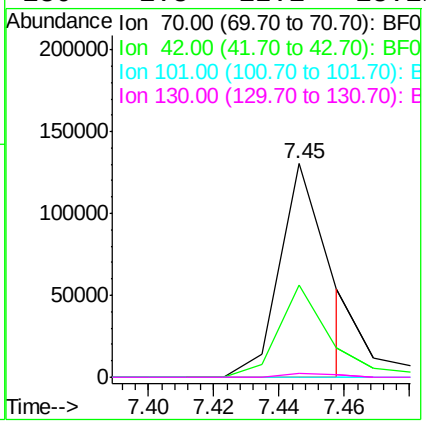


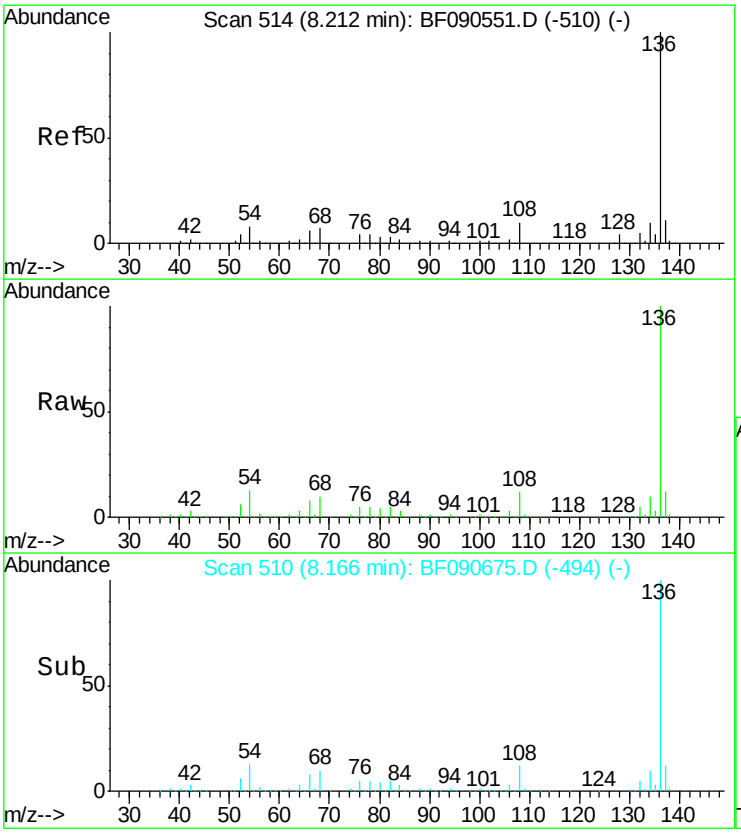
#19
n-Nitroso-di-n-propylamine
Concen: 10.60 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion: 70 Resp: 135800

Ion	Ratio	Lower	Upper
70	100		
42	43.4	43.4	65.0
101	0.0	6.4	9.6#
130	1.8	12.1	18.1#

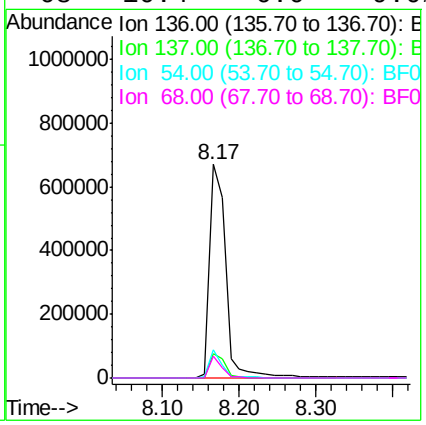


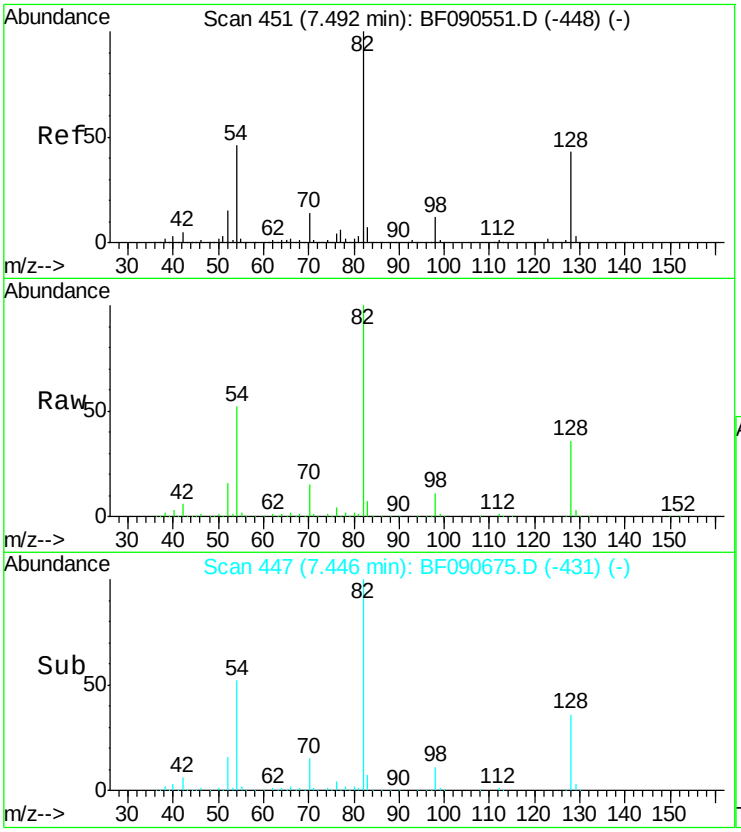


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Tgt Ion:136 Resp: 984504

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	13.1	6.8	10.2#
68	10.4	6.0	9.0#



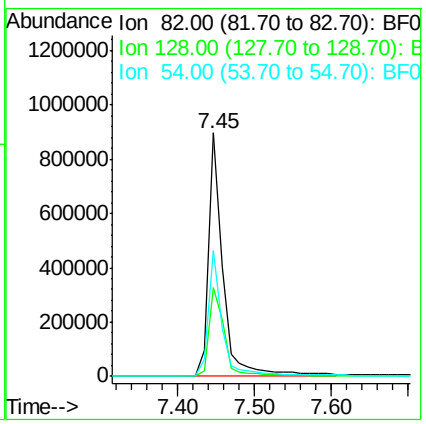


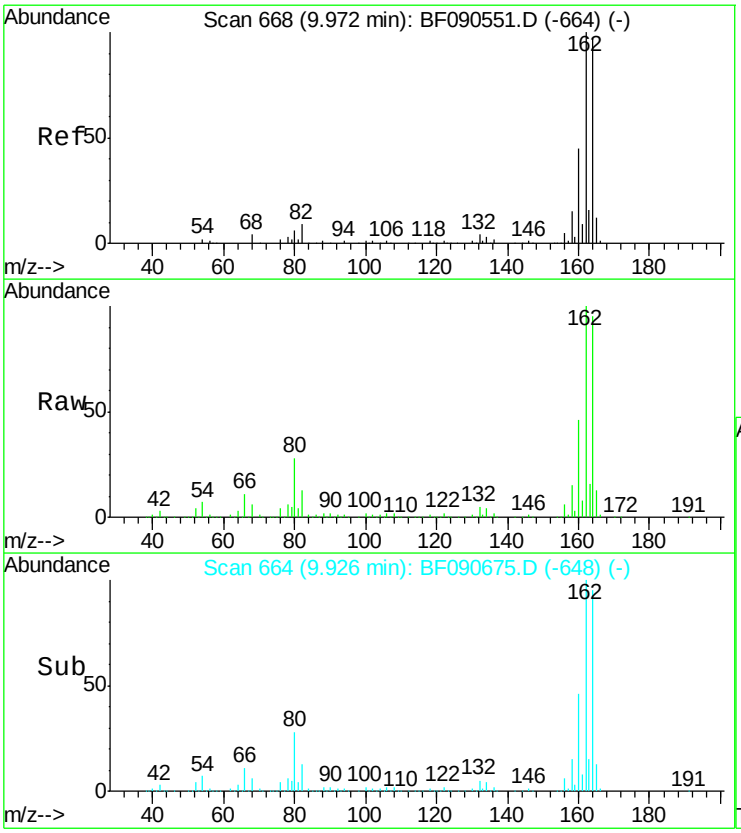
#23
Nitrobenzene-d5
Concen: 66.03 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion: 82 Resp: 1170309

Ion	Ratio	Lower	Upper
82	100		
128	36.4	34.3	51.5
54	51.9	37.0	55.6

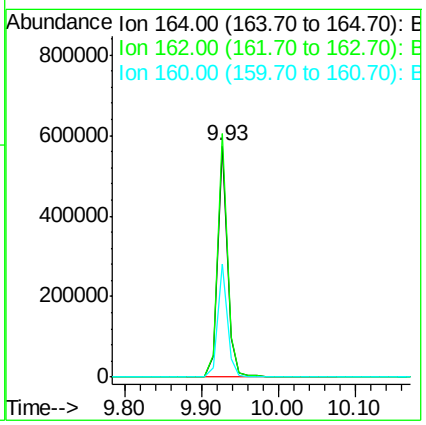


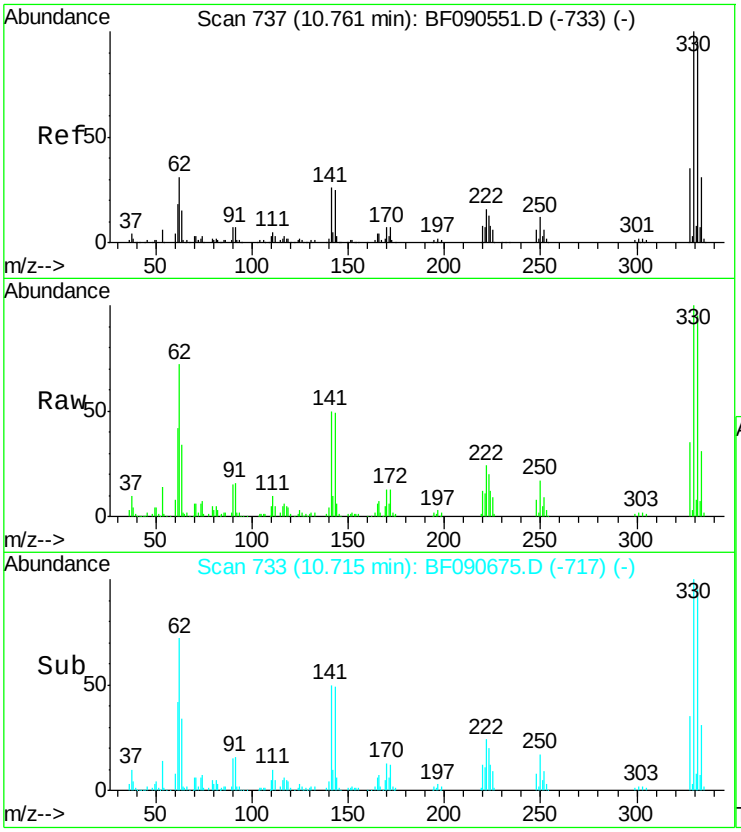


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Tgt Ion:164 Resp: 518976

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.4
160	48.6	36.6	55.0



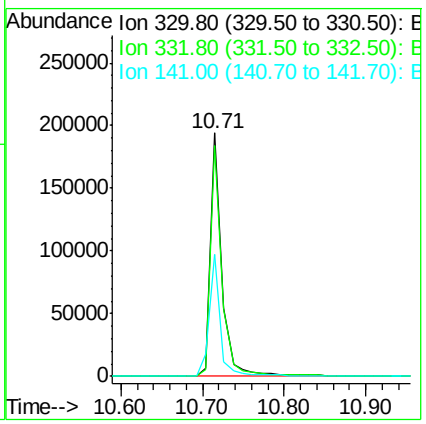


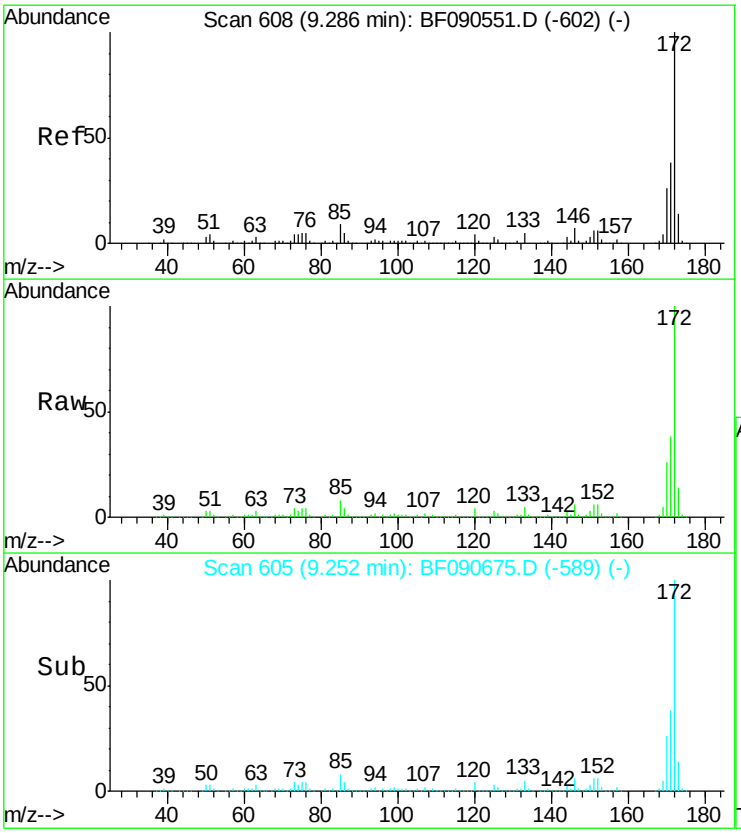
#41
2,4,6-Tribromophenol
Concen: 42.27 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion:330 Resp: 195595

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.2
141	49.6	31.4	47.2#

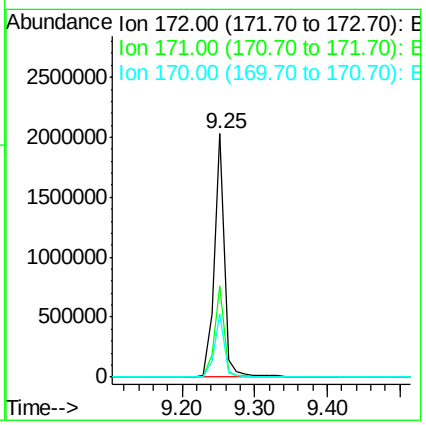


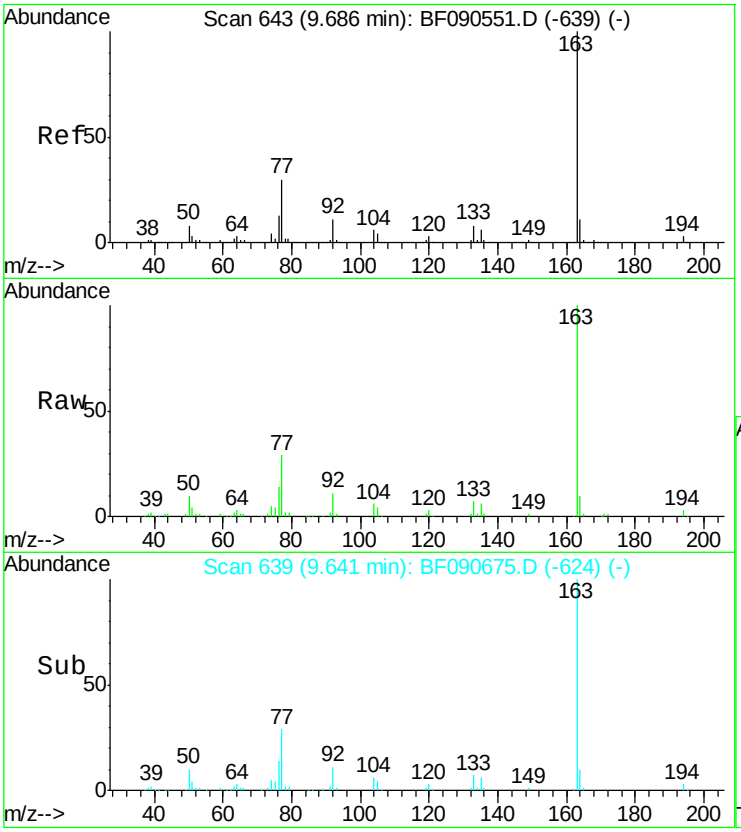


#44
2-Fluorobiphenyl
Concen: 62.50 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Tgt Ion:172 Resp: 1968690

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.1	45.1
170	26.0	20.6	30.8



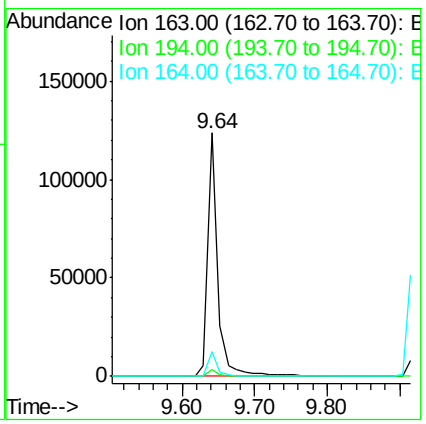


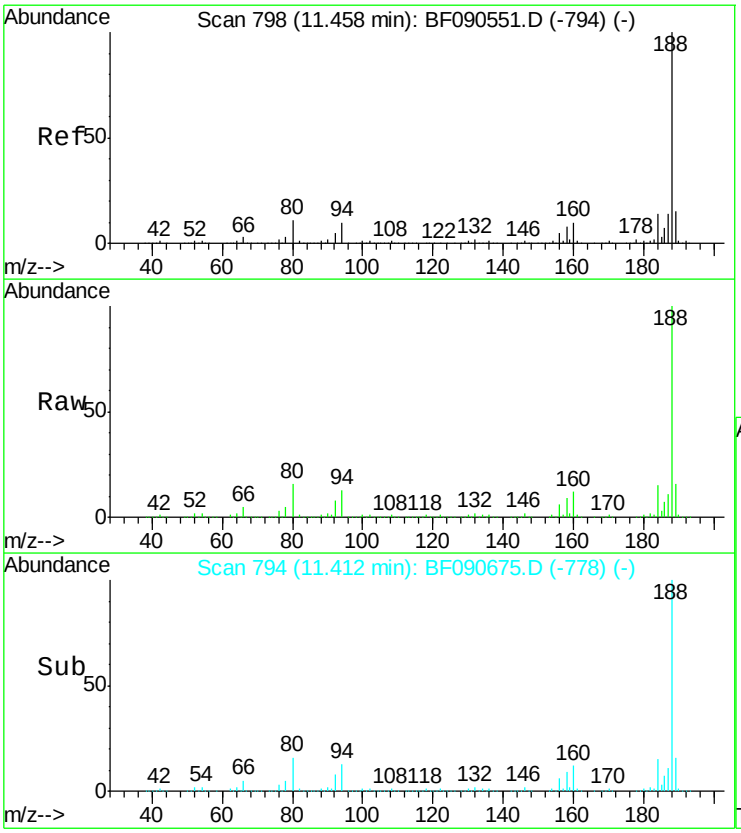
#49
Dimethylphthalate
Concen: 3.52 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion:163 Resp: 118587

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.3	3.5
164	10.1	8.6	13.0

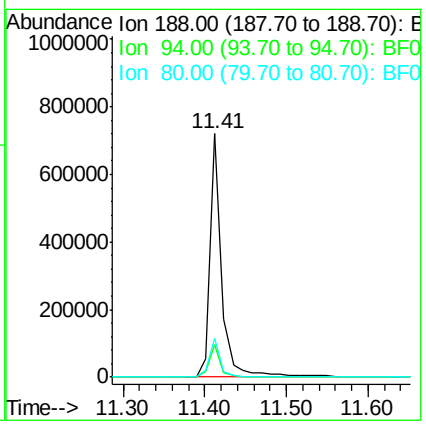


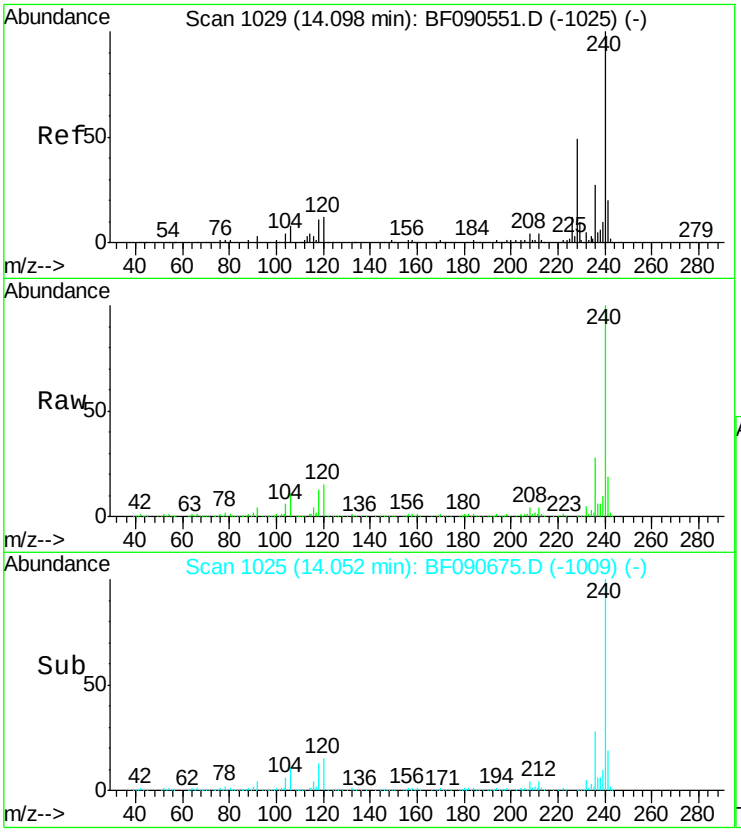


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Tgt Ion:188 Resp: 737100

Ion	Ratio	Lower	Upper
188	100		
94	13.5	7.7	11.5#
80	16.1	8.6	12.8#



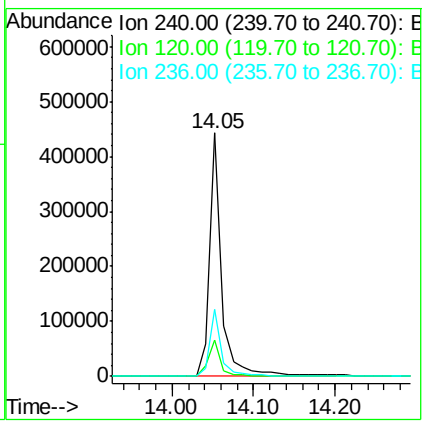


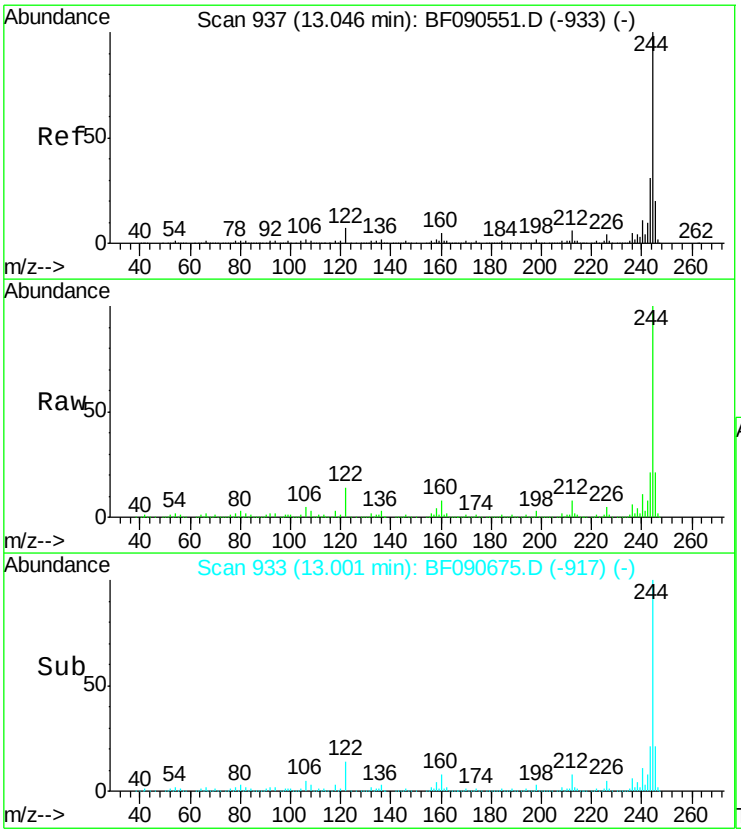
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion:240 Resp: 471098

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.8	14.8#
236	27.7	21.7	32.5

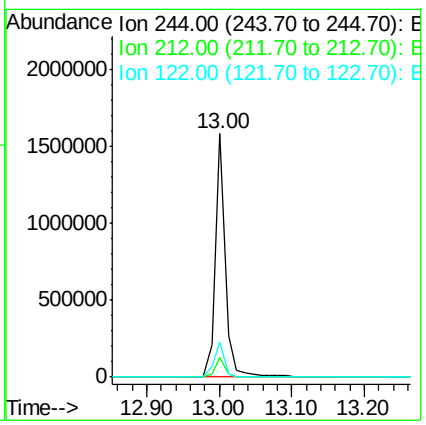


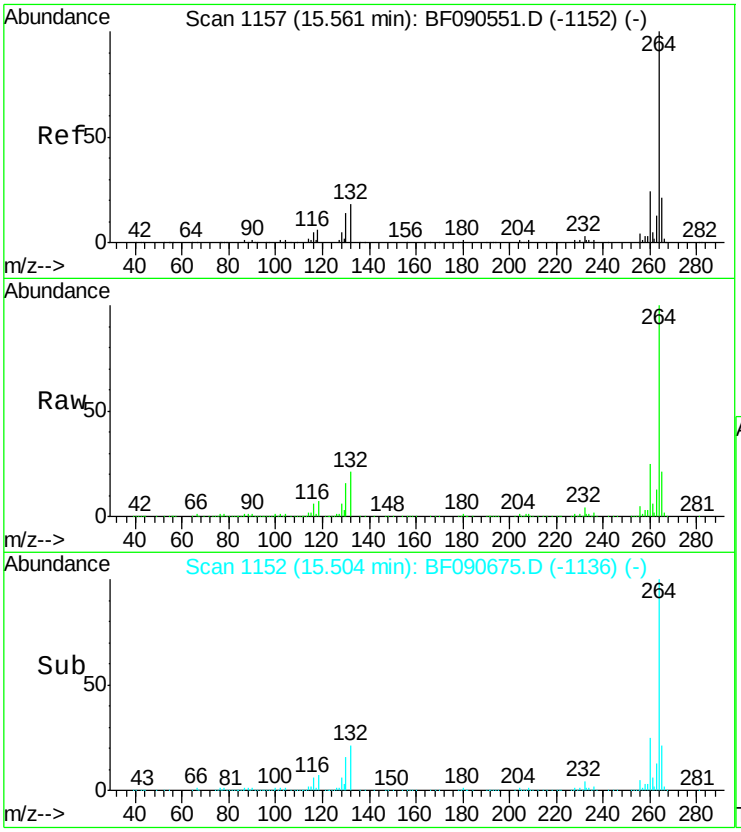


#78
Terphenyl-d14
Concen: 75.28 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Tgt Ion:244 Resp: 1523169

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.0	7.4#
122	14.4	5.6	8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090675.D
Acq: 20 Oct 2016 5:16

Instrument :
BNA_F
ClientSampleId :
SUMP101416

Tgt Ion:264 Resp: 447998

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.2	16.7	25.1