Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090468.D
Acq On : 8 Oct 2016 5:32
Operator : UM/SJ
Sample : H5120-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT-105

Quant Time: Oct 08 05:59:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	204937	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	835627	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	474669	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	833780	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	542517	20.00	ng	-0.02
86) Perylene-d12	15.68	264	380435	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	548418	39.94	ng	-0.01
7) Phenol-d6	6.61	99	504131	28.03	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1269895	73.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	369047	95.62	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2063095	72.42	ng	-0.02
78) Terphenyl-d14	13.13	244	2218890	91.95	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	178803	13.56	ng	# 63
49) Dimethylphthalate	9.74	163	132409	4.36	ng	97

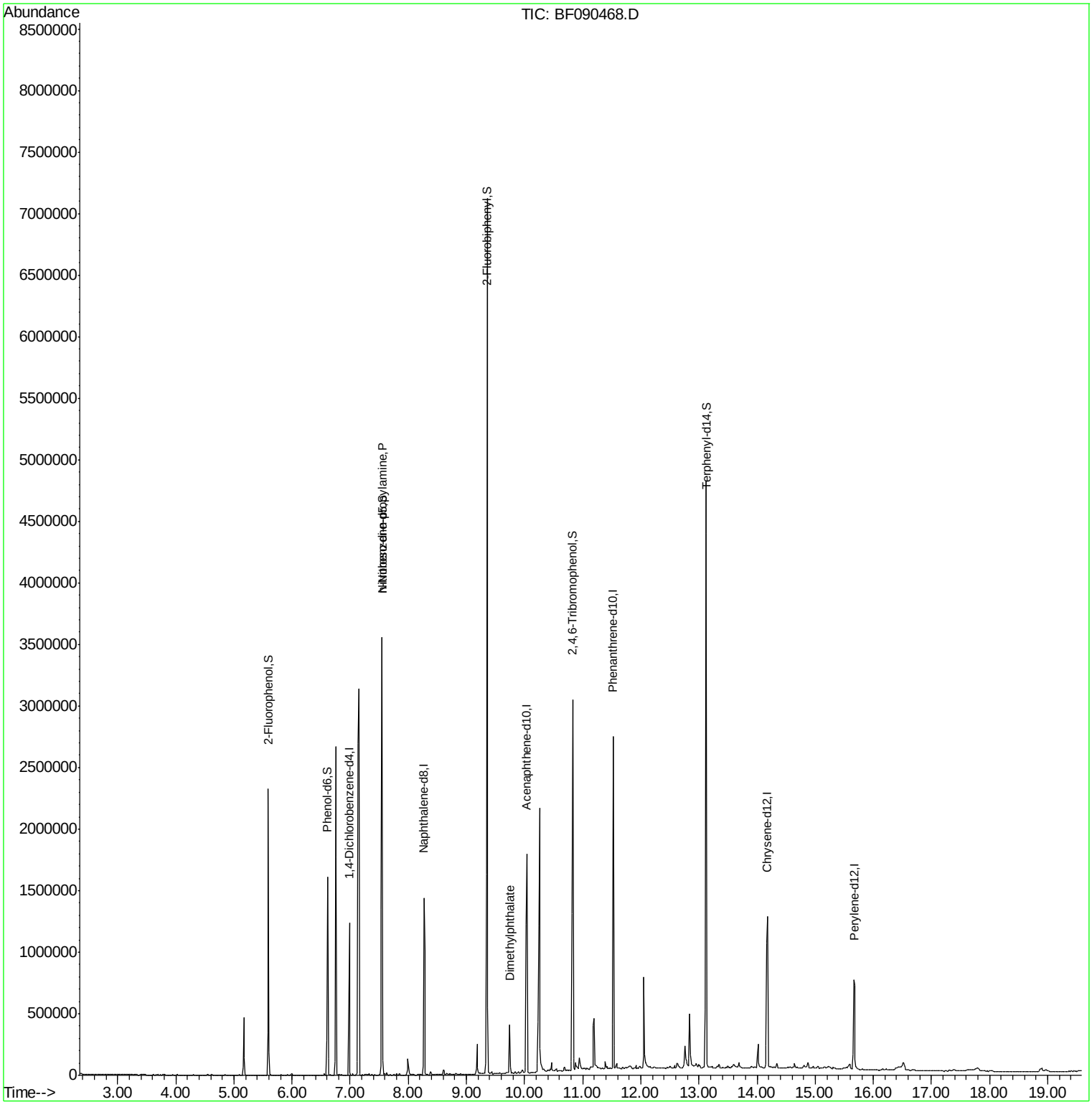
(#) = qualifier out of range (m) = manual integration (+) = signals summed

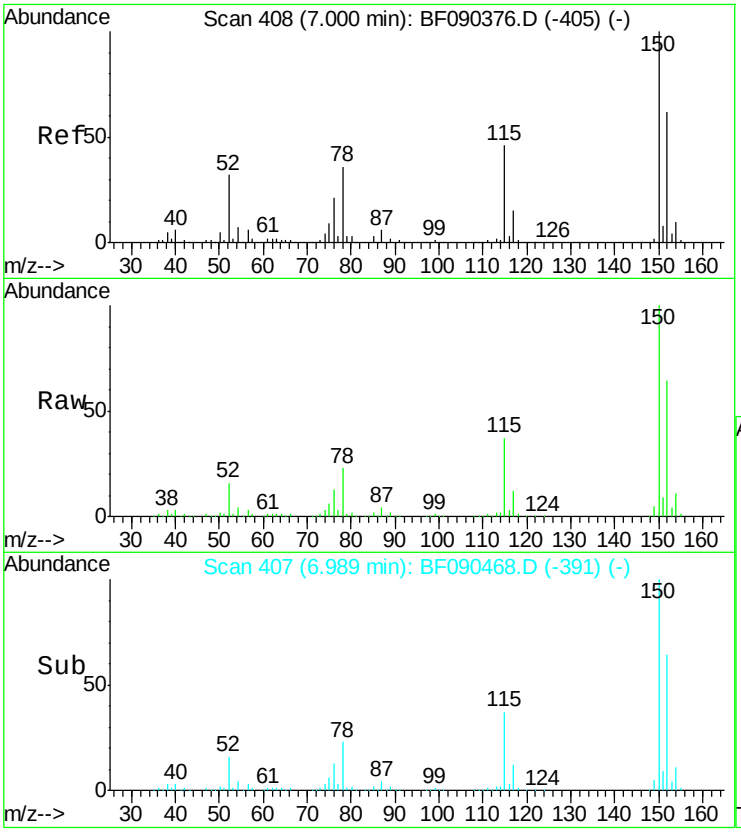
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090468.D
Acq On : 8 Oct 2016 5:32
Operator : UM/SJ
Sample : H5120-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Quant Time: Oct 08 05:59:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration



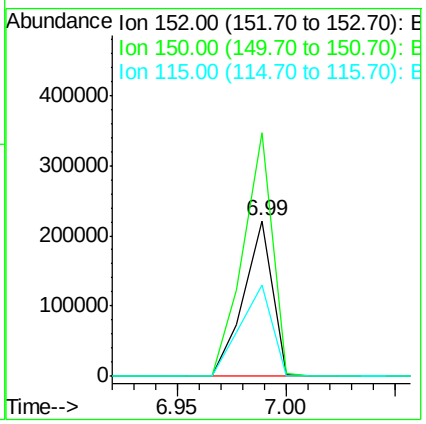


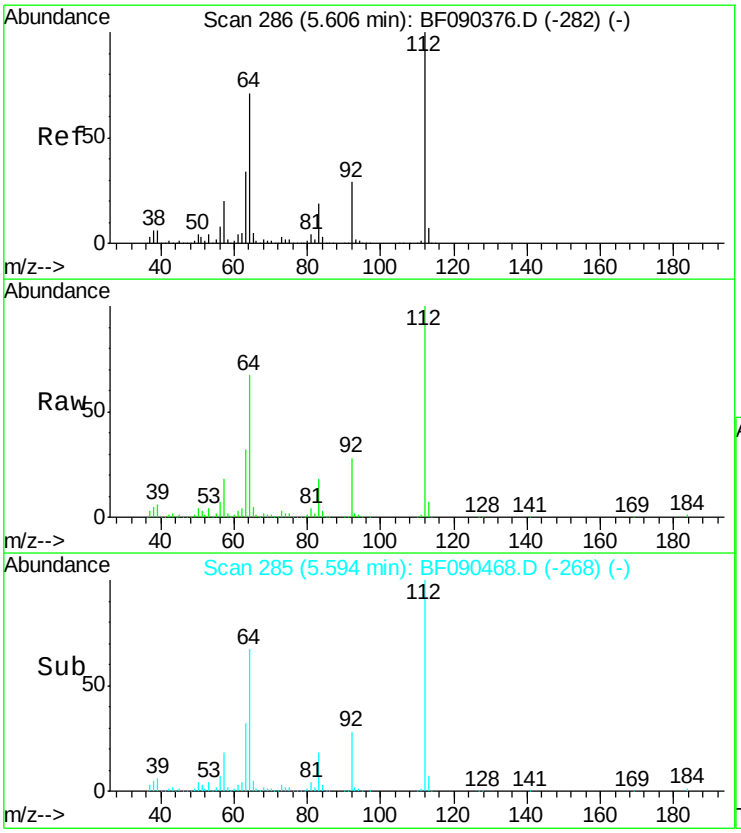
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tgt Ion:152 Resp: 204937

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	58.4	46.2	69.4

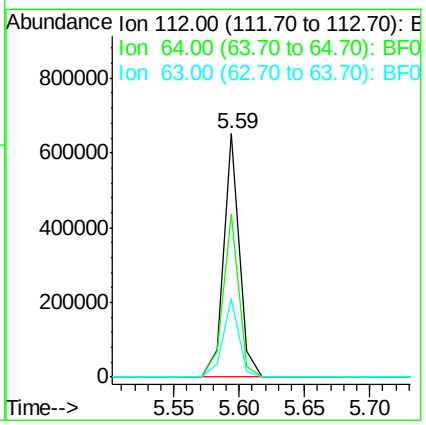


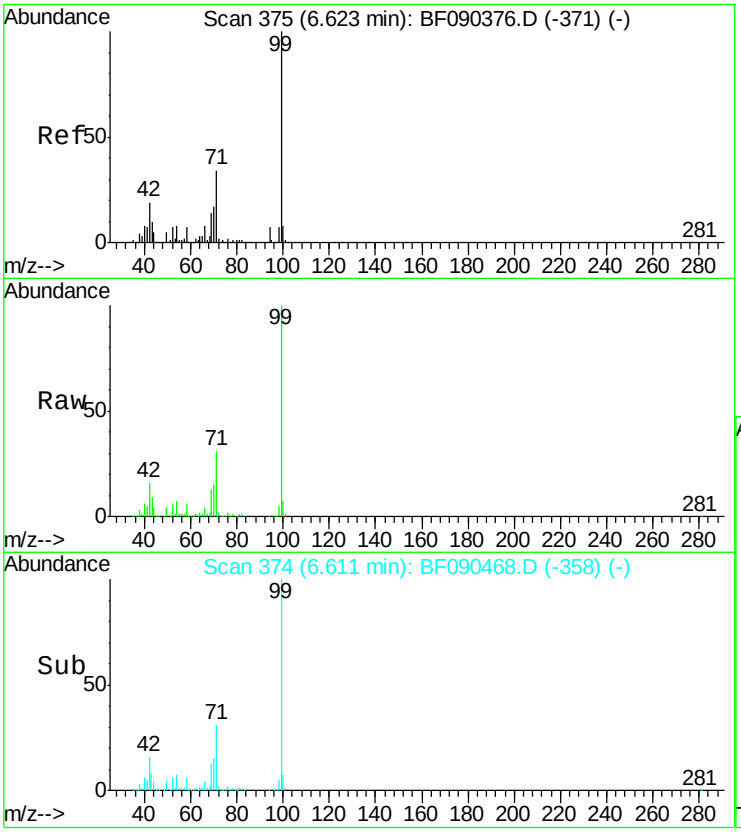


#5
2-Fluorophenol
Concen: 39.94 ng
RT: 5.59 min Scan# 285
Delta R.T. -0.01 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion:112 Resp: 548418

Ion	Ratio	Lower	Upper
112	100		
64	66.9	57.9	86.9
63	32.2	29.6	44.4



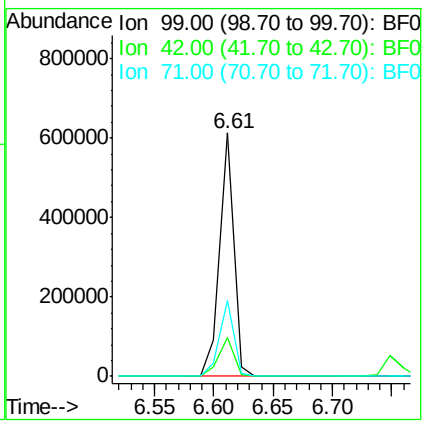


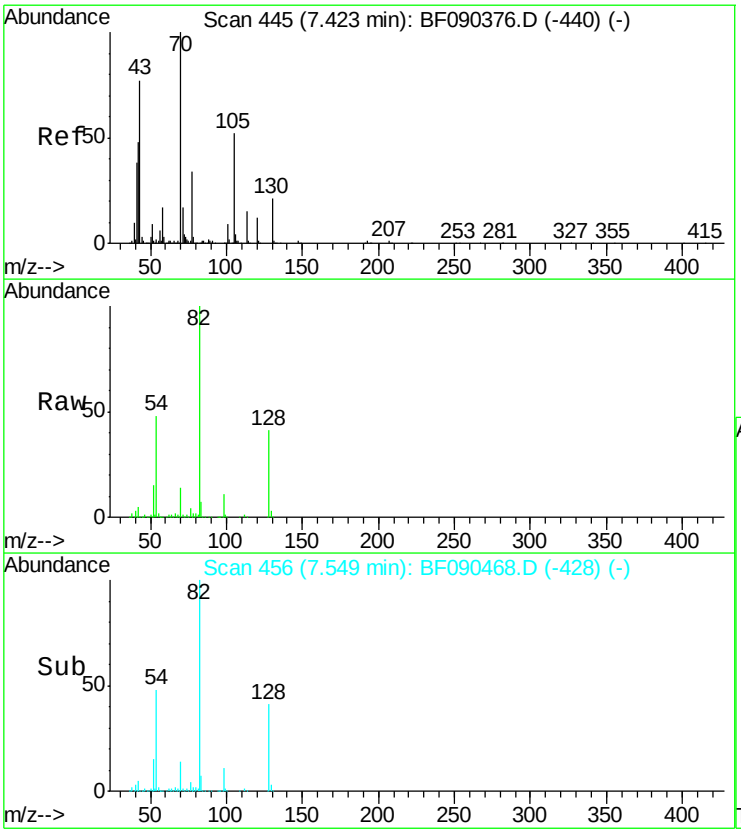
#7
Phenol-d6
Concen: 28.03 ng
RT: 6.61 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tgt Ion: 99 Resp: 504131

Ion	Ratio	Lower	Upper
99	100		
42	15.7	20.0	30.0#
71	31.2	27.9	41.9

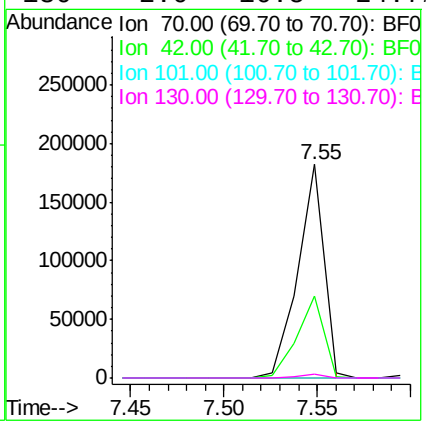


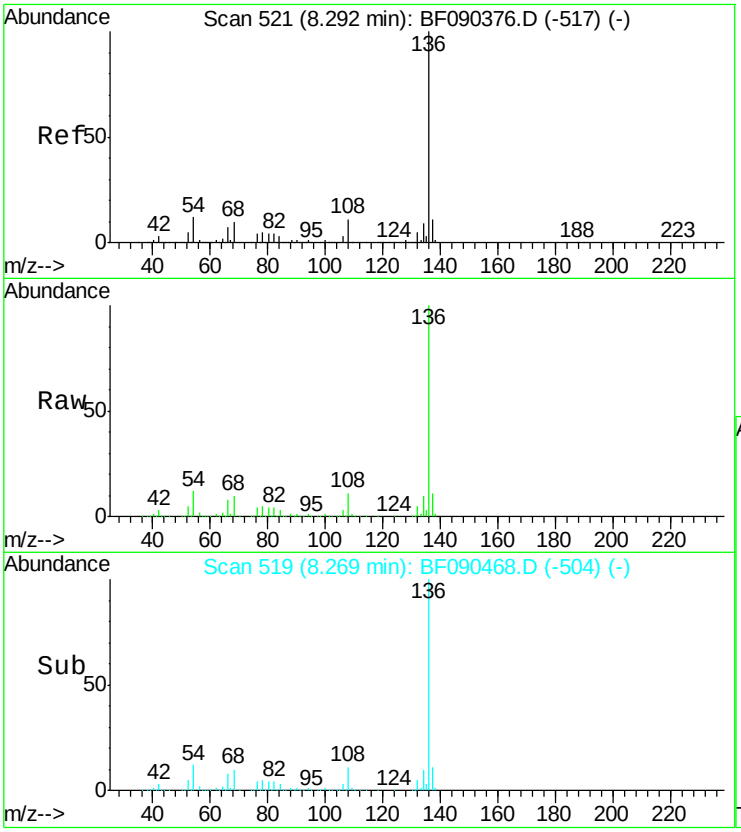


#19
n-Nitroso-di-n-propylamine
Concen: 13.56 ng
RT: 7.55 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion: 70 Resp: 178803

Ion	Ratio	Lower	Upper
70	100		
42	38.2	55.4	83.2#
101	0.0	7.6	11.4#
130	2.0	16.5	24.7#



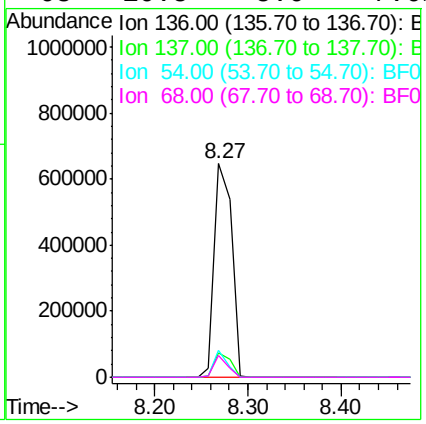


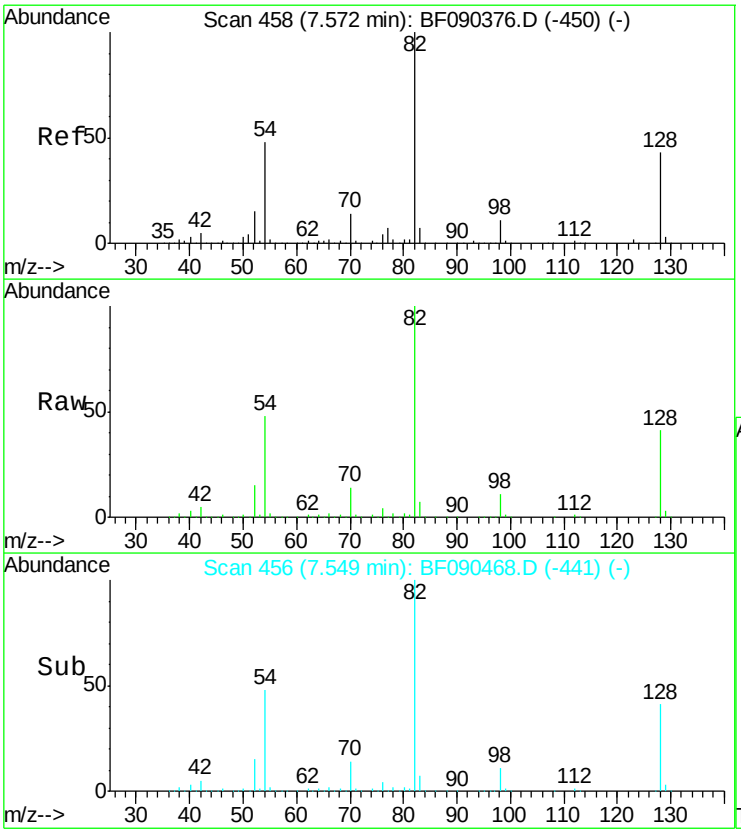
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tgt Ion:136 Resp: 835627

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	12.5	6.6	10.0#
68	10.5	5.0	7.6#

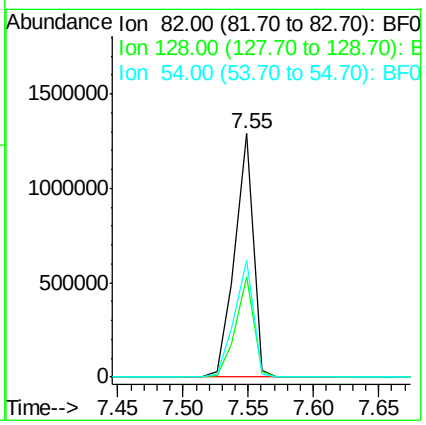


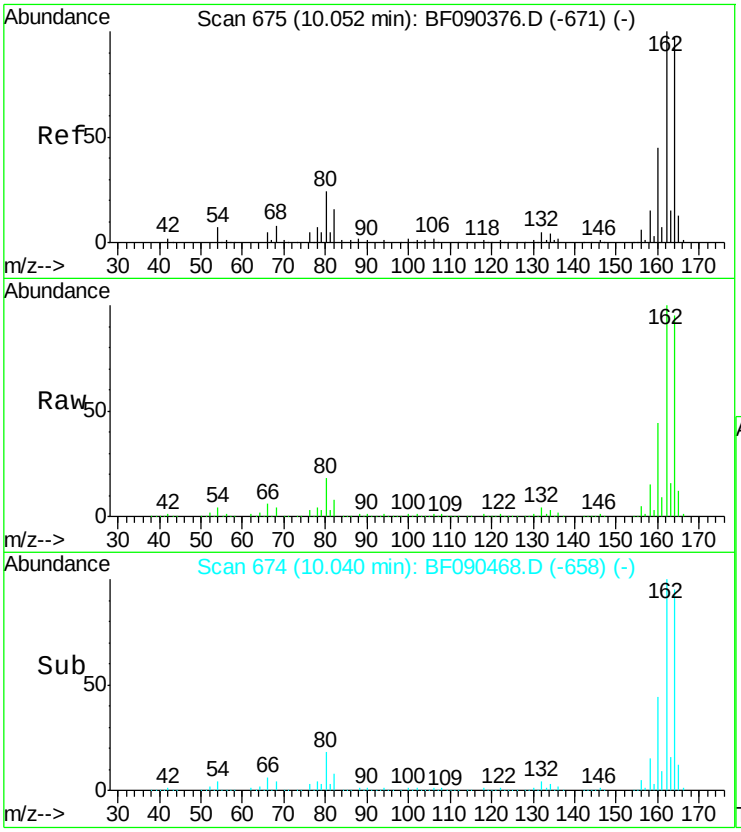


#23
Nitrobenzene-d5
Concen: 73.92 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion: 82 Resp: 1269895

Ion	Ratio	Lower	Upper
82	100		
128	41.4	40.0	60.0
54	48.2	42.6	64.0



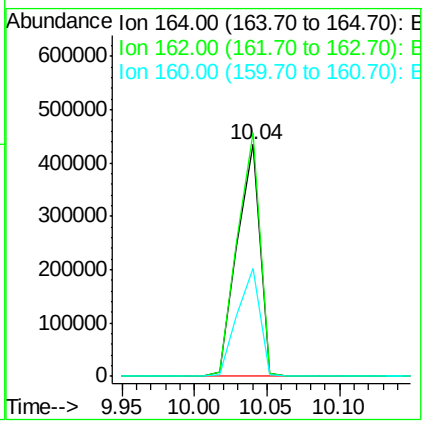


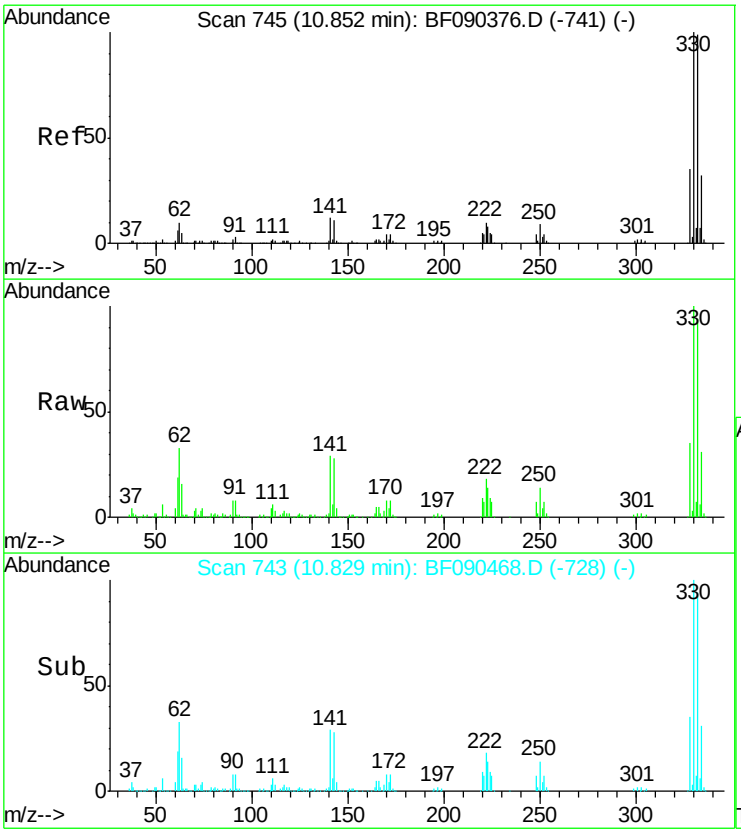
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tgt Ion:164 Resp: 474669

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.1	120.1
160	46.3	36.3	54.5

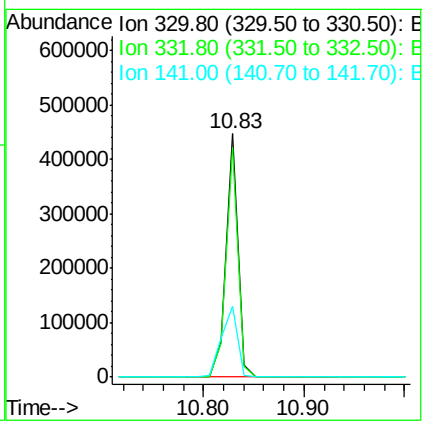


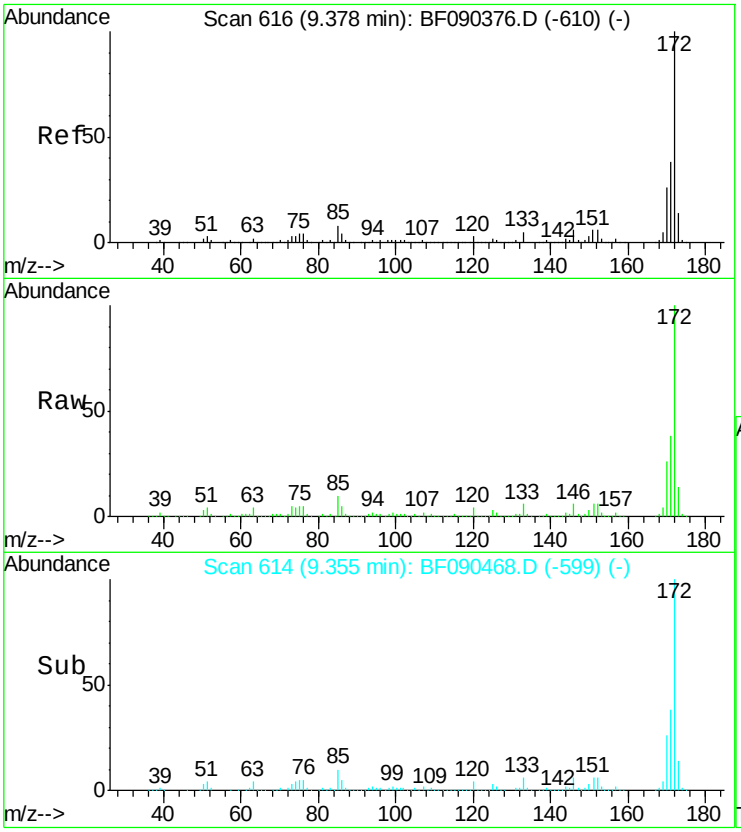


#41
2,4,6-Tribromophenol
Concen: 95.62 ng
RT: 10.83 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion:330 Resp: 369047

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.0
141	38.8	26.9	40.3



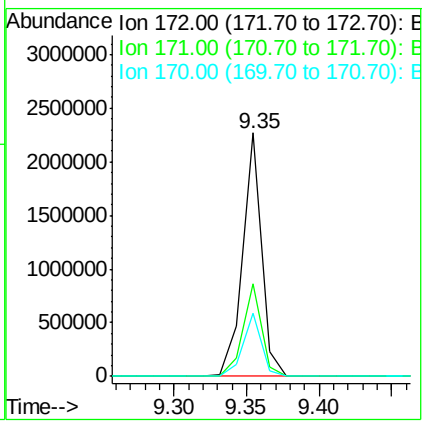


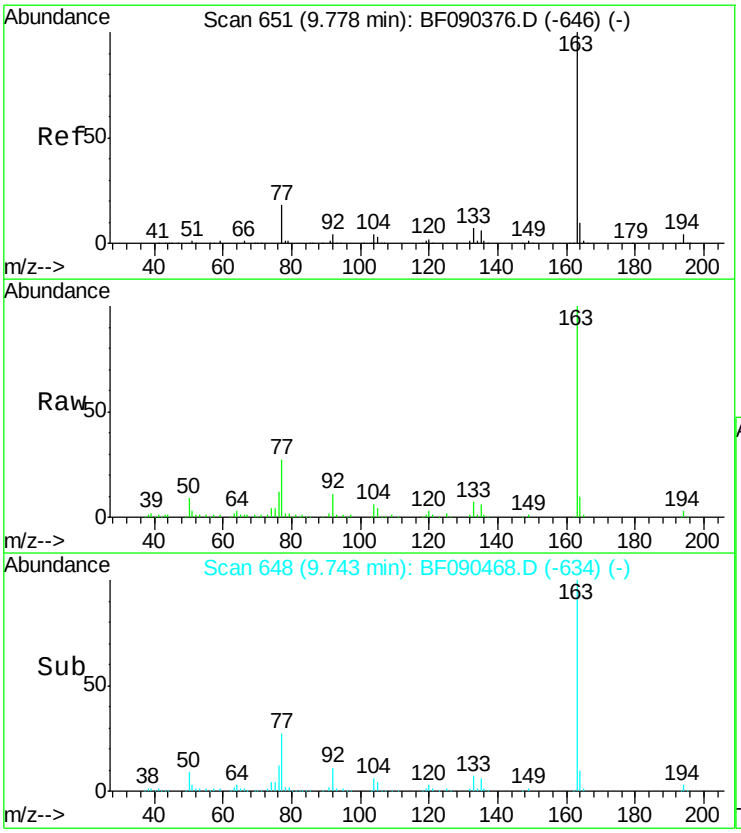
#44
2-Fluorobiphenyl
Concen: 72.42 ng
RT: 9.35 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tgt Ion:172 Resp: 2063095

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.8	47.8
170	25.7	21.7	32.5

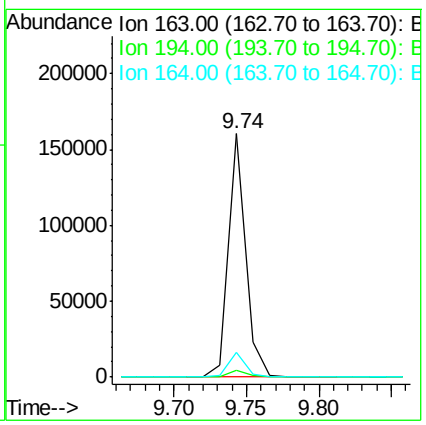


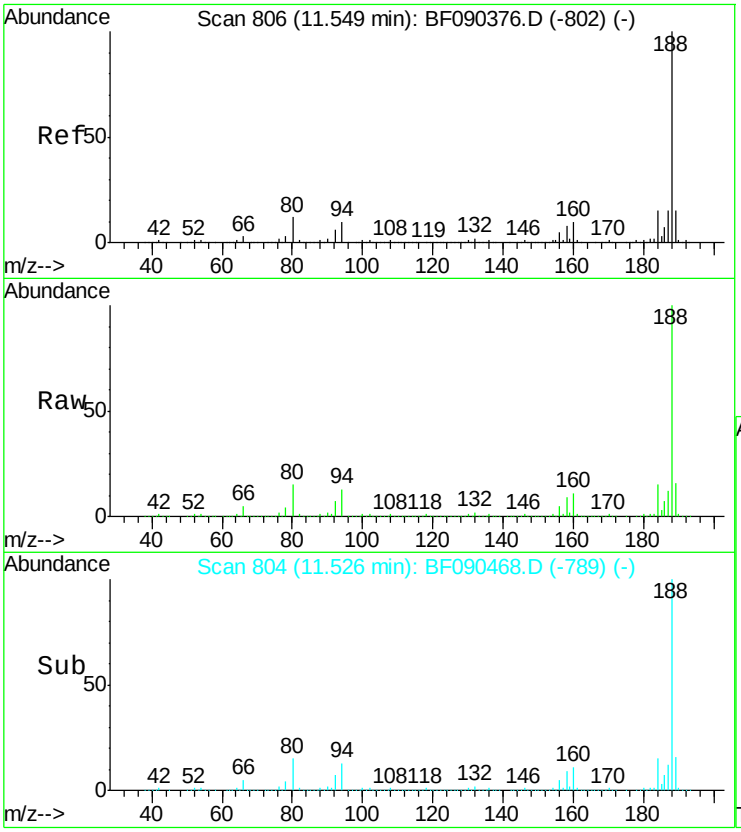


#49
Dimethylphthalate
Concen: 4.36 ng
RT: 9.74 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion:163 Resp: 132409

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.1	9.0	13.4



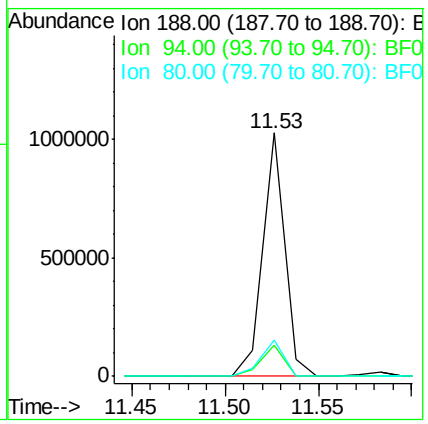


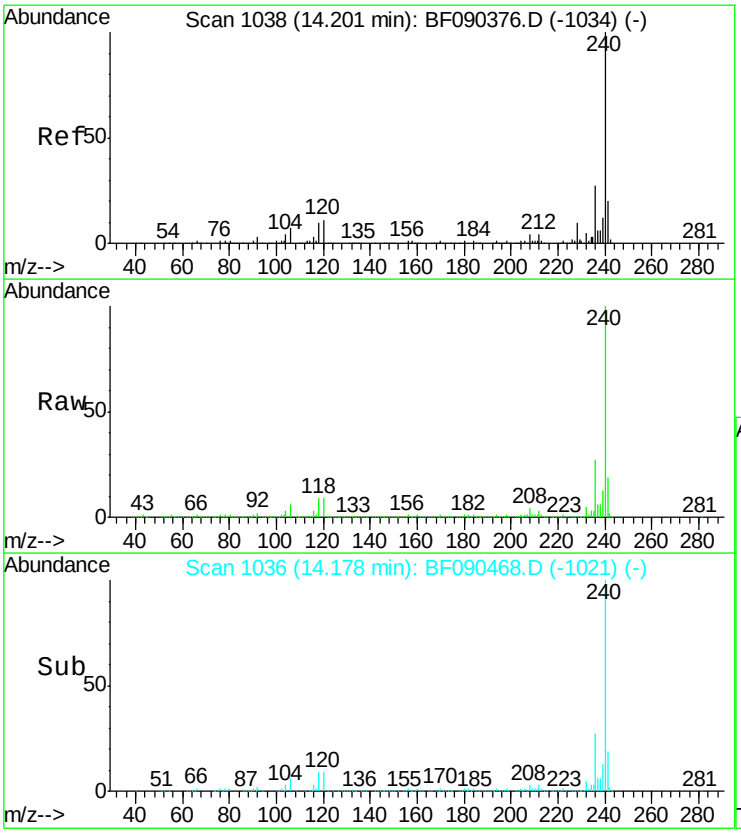
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tgt Ion:188 Resp: 833780

Ion	Ratio	Lower	Upper
188	100		
94	12.9	8.2	12.2#
80	14.7	8.8	13.2#

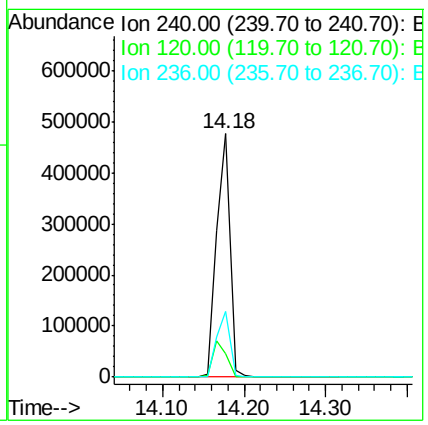


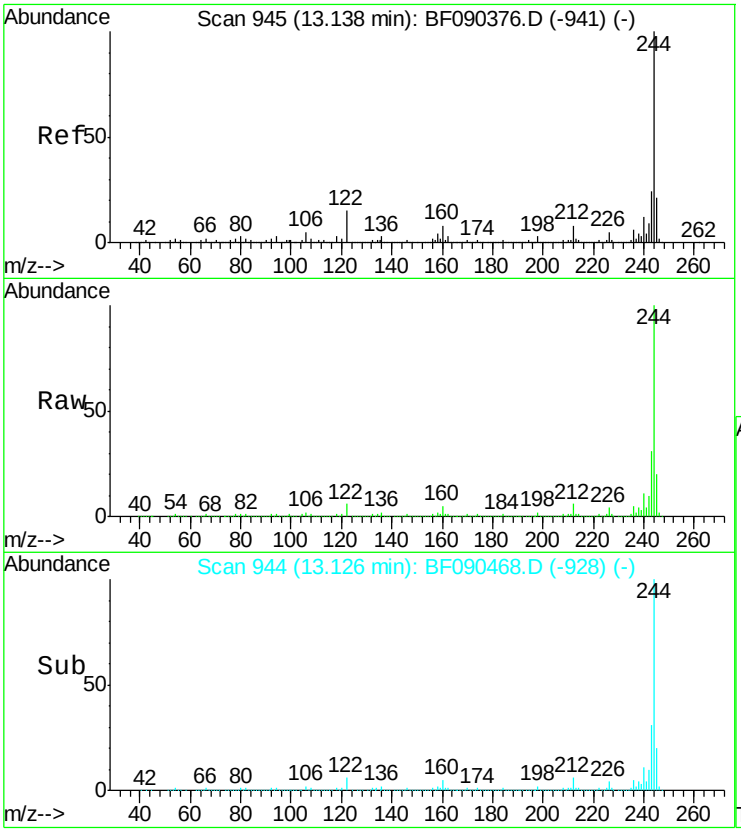


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion:240 Resp: 542517

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.6	13.0
236	27.1	21.6	32.4



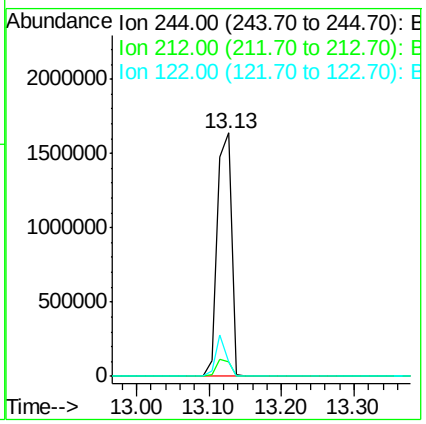


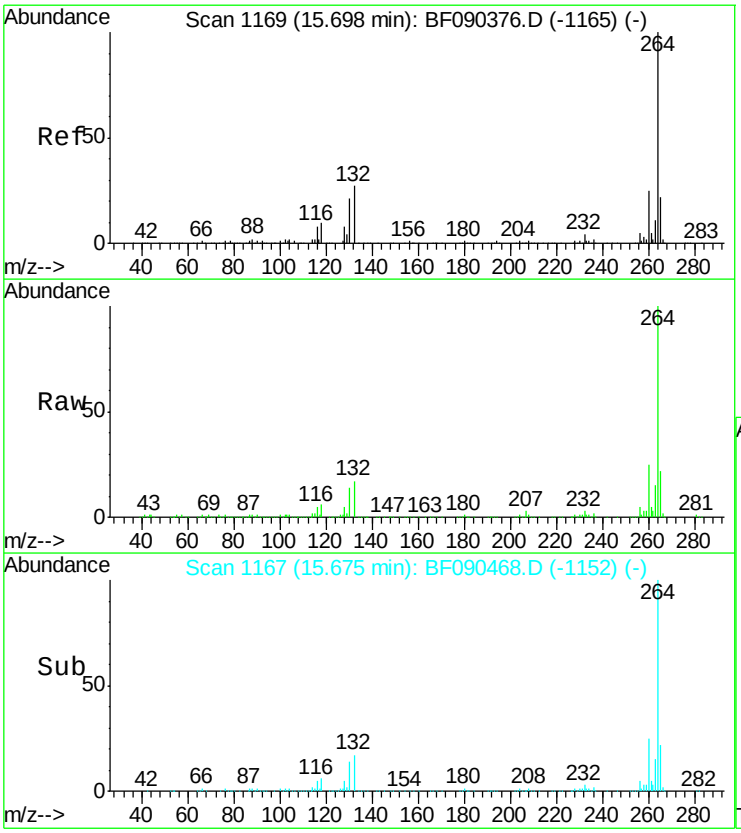
#78
Terphenyl-d14
Concen: 91.95 ng
RT: 13.13 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tgt Ion:244 Resp: 2218890

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.8	10.2#
122	6.0	13.3	19.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion:264 Resp: 380435

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.7	17.4	26.0