Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090199.D
Acq On : 23 Sep 2016 15:56
Operator : UM/SJ
Sample : H4827-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 23 17:14:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	134455	20.00	ng	-0.03
21) Naphthalene-d8	7.77	136	494451	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	297164	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	444372	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	390713	20.00	ng	-0.03
86) Perylene-d12	14.91	264	312748	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	890532	107.96	ng	-0.02
7) Phenol-d6	6.15	99	1116136	109.56	ng	-0.02
23) Nitrobenzene-d5	7.06	82	709635	83.20	ng	-0.03
41) 2,4,6-Tribromophenol	10.31	330	283682	111.27	ng	-0.03
44) 2-Fluorobiphenyl	8.86	172	1151630	76.08	ng	-0.03
78) Terphenyl-d14	12.57	244	1017745	66.13	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.06	70	82151	13.73	ng	# 78
49) Dimethylphthalate	9.26	163	472966	24.99	ng	100

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

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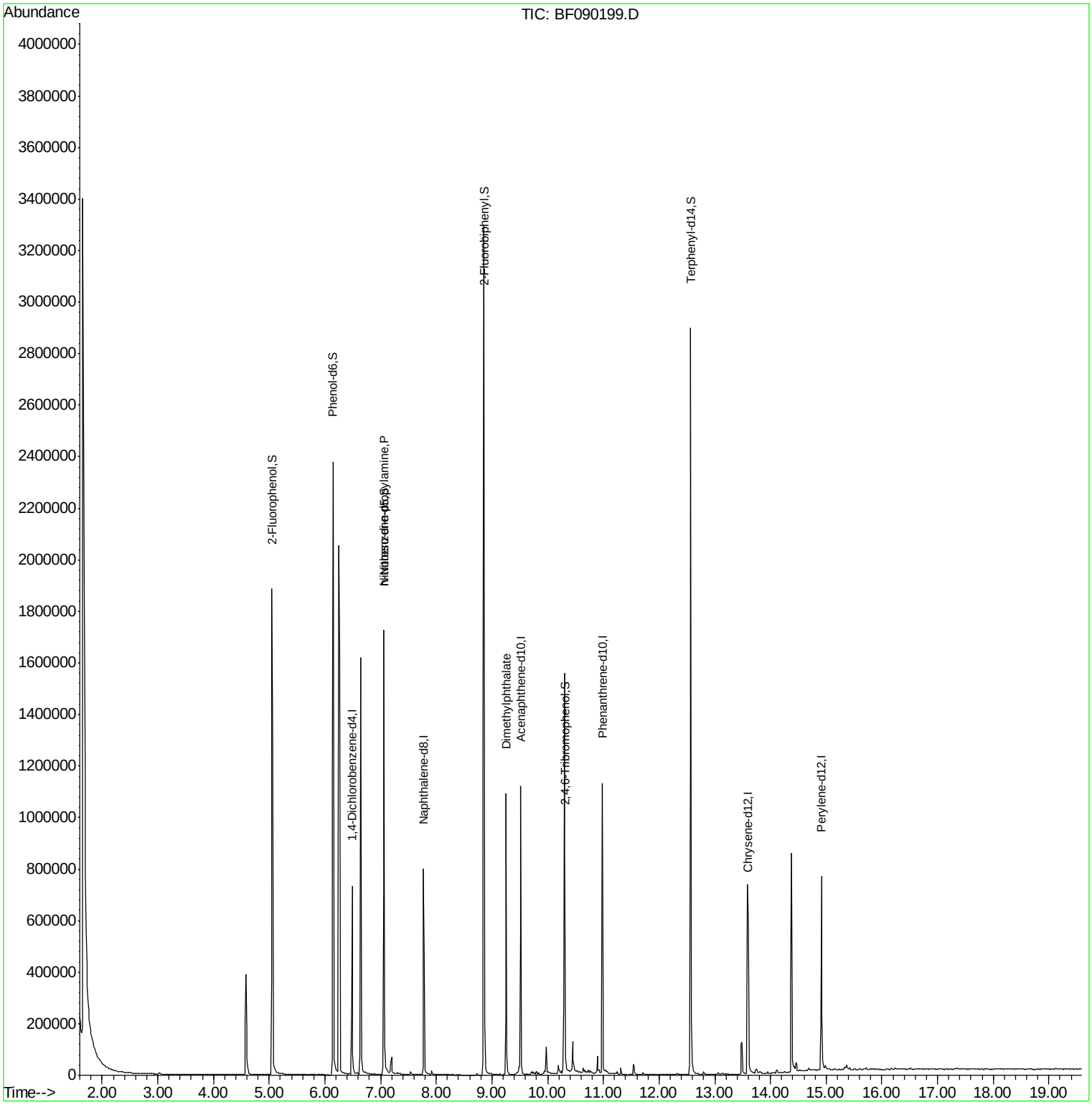
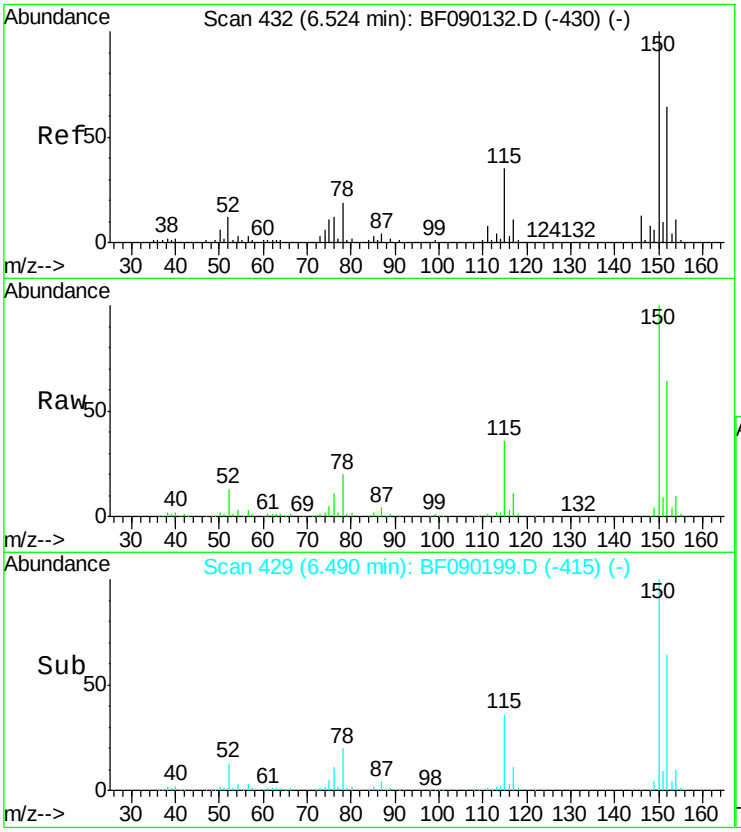


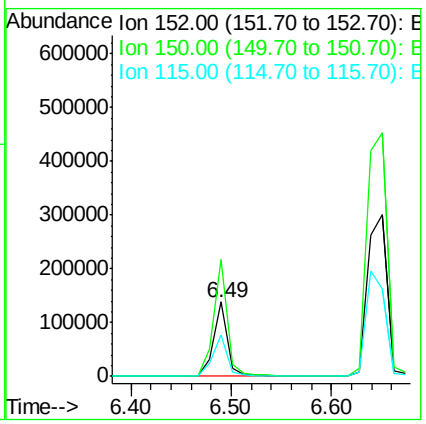


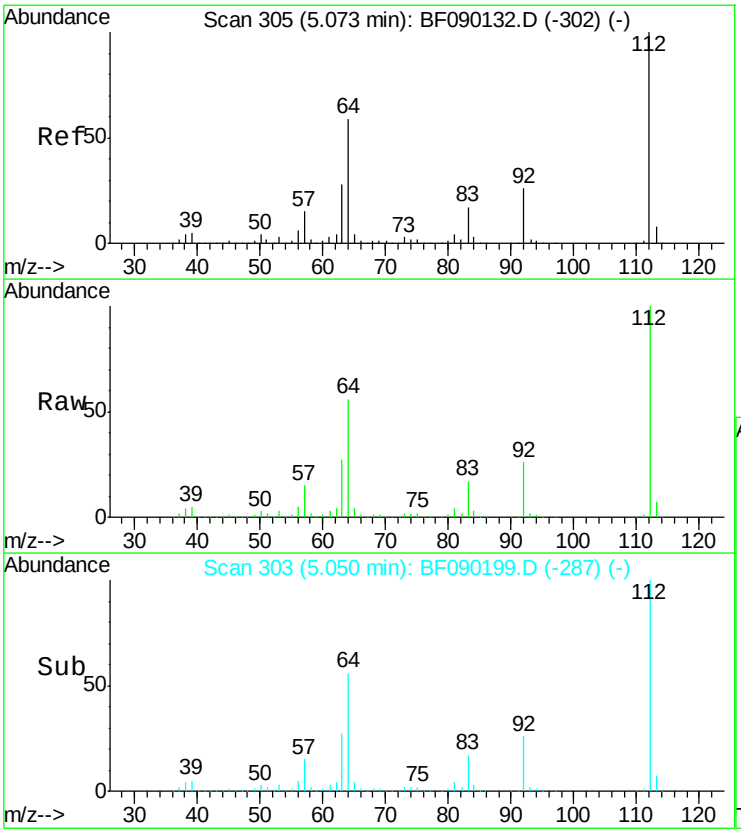
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134455

Ion	Ratio	Lower	Upper
152	100		
150	156.4	128.9	193.3
115	56.4	55.5	83.3

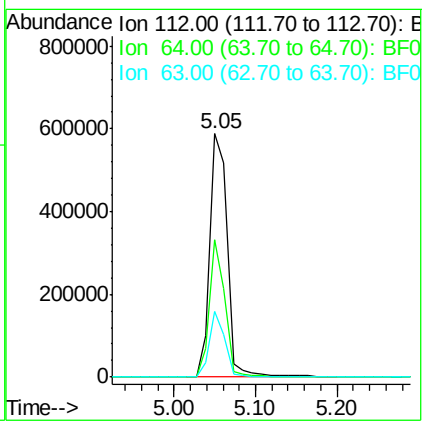


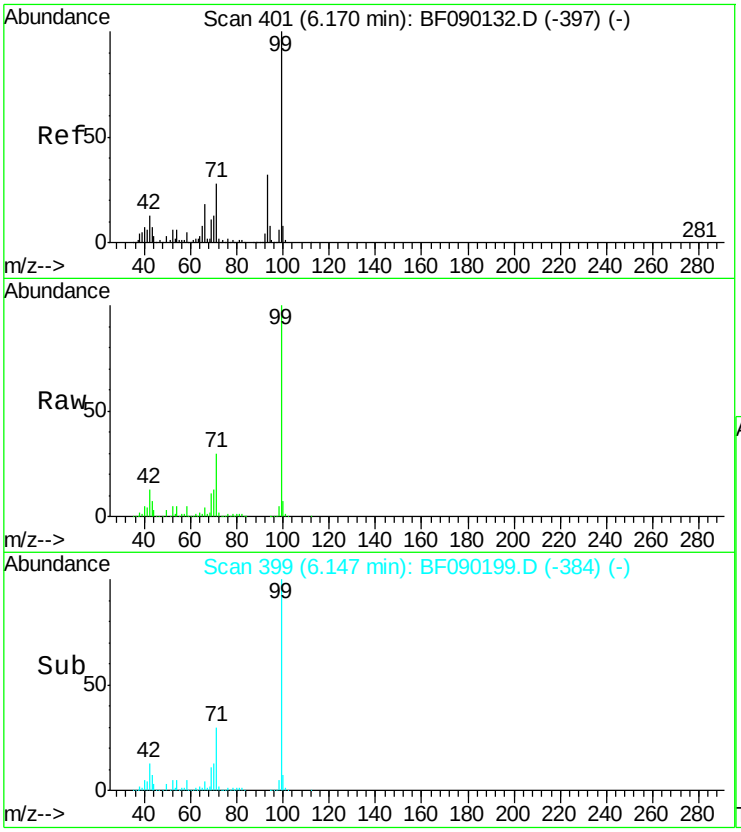


#5
2-Fluorophenol
Concen: 107.96 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.02 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Tgt Ion:112 Resp: 890532

Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.8	59.6
63	26.9	18.9	28.3



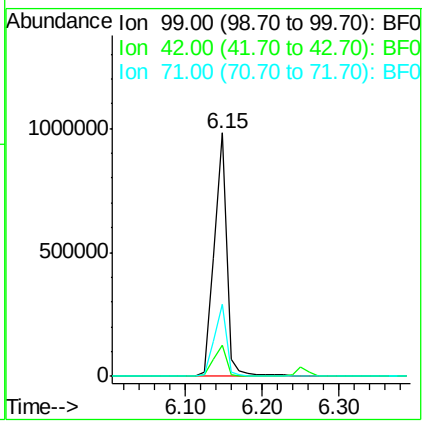


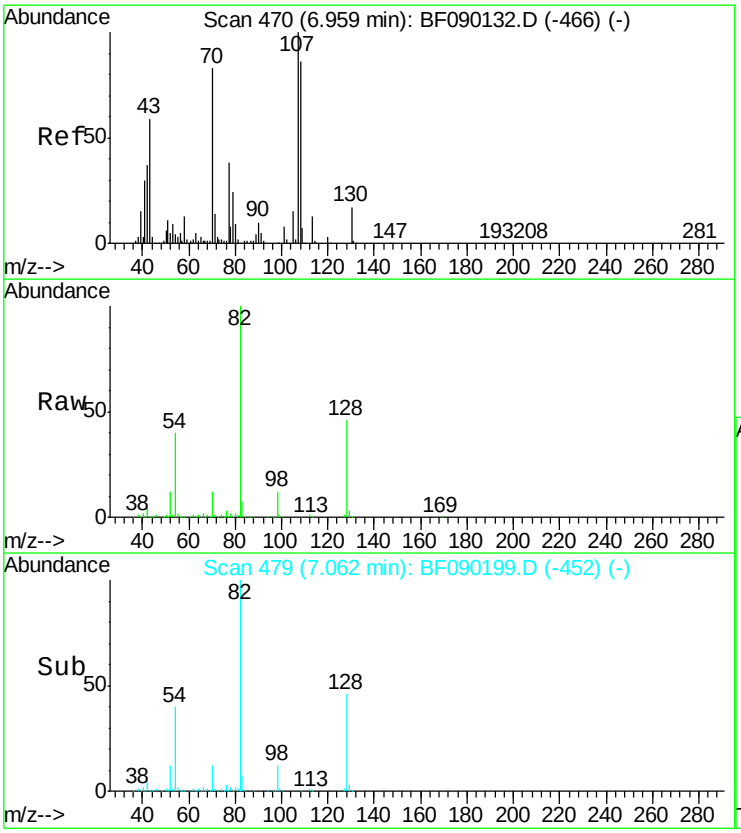
#7
Phenol-d6
Concen: 109.56 ng
RT: 6.15 min Scan# 399
Delta R.T. -0.02 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1116136

Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.6	15.8
71	29.8	23.0	34.6

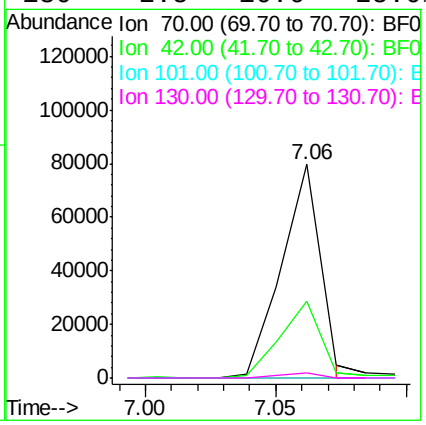


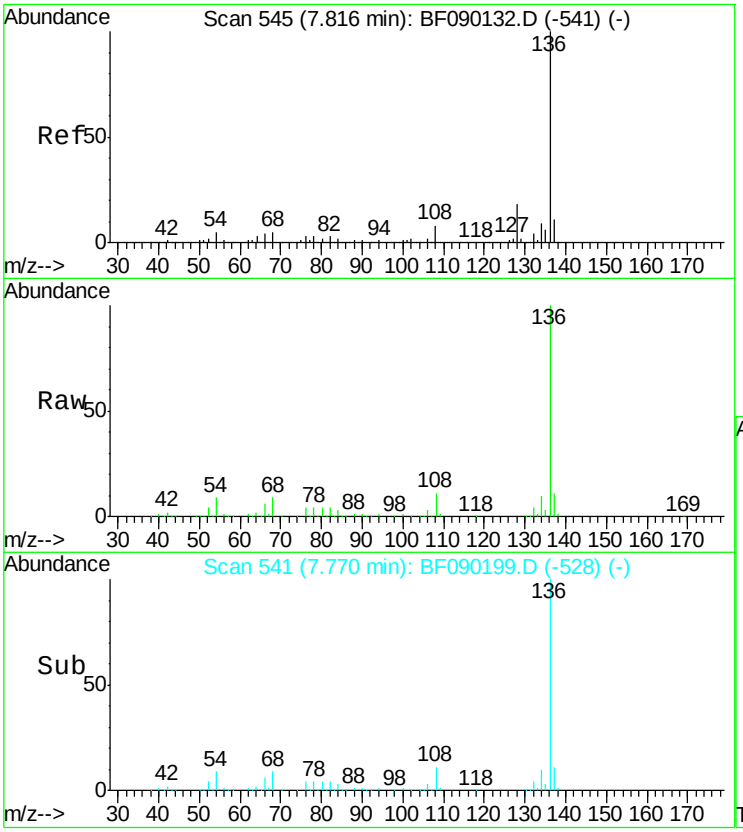


#19
n-Nitroso-di-n-propylamine
Concen: 13.73 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.10 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Tgt Ion: 70 Resp: 82151

Ion	Ratio	Lower	Upper
70	100		
42	35.8	35.1	52.7
101	0.0	7.5	11.3#
130	2.5	16.6	25.0#



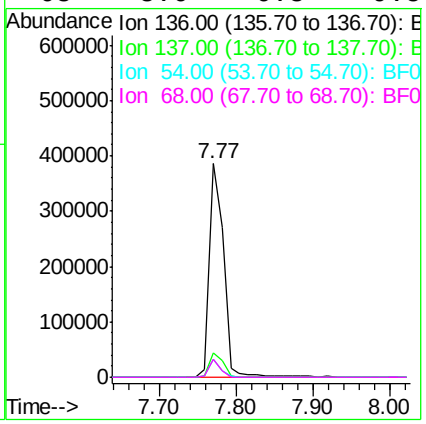


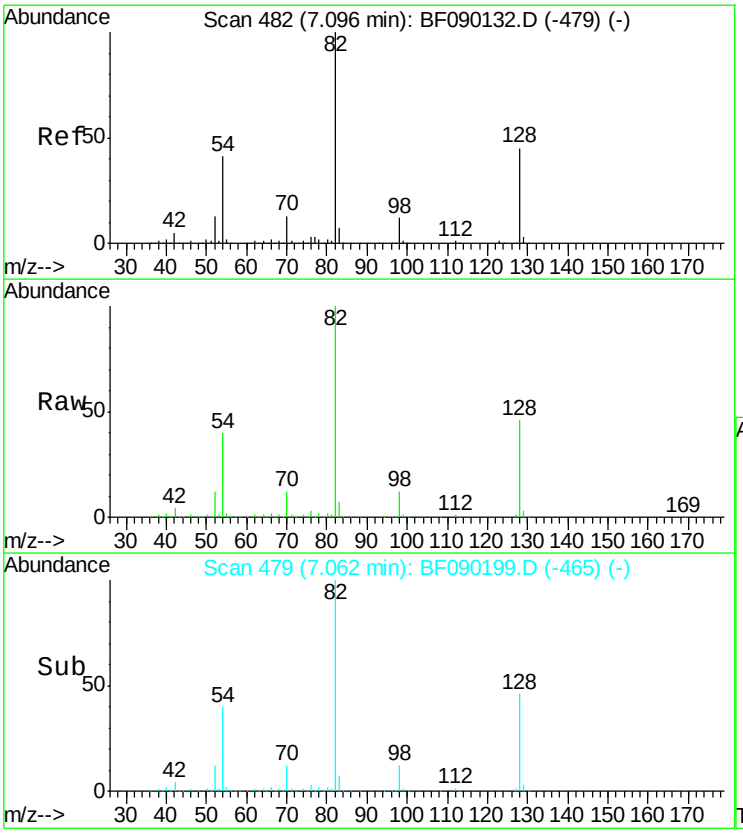
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.05 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 494451

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.6	6.4	9.6
68	8.6	6.3	9.5

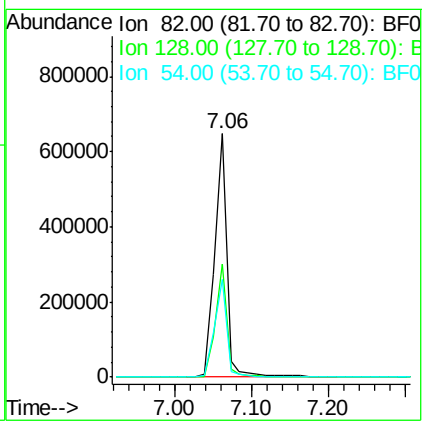


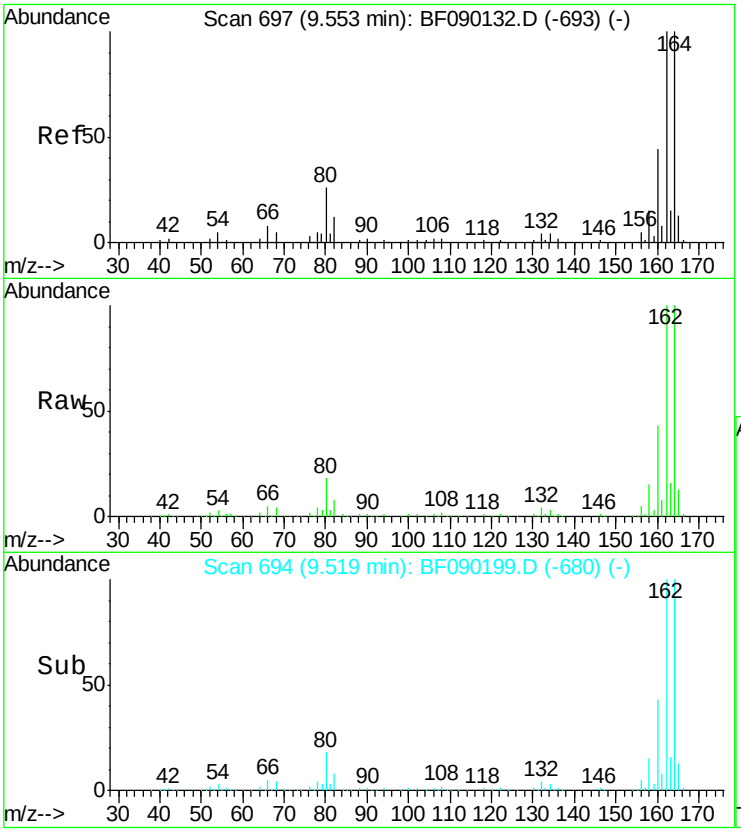


#23
Nitrobenzene-d5
Concen: 83.20 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Tgt Ion: 82 Resp: 709635

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.5	56.3
54	40.2	31.9	47.9



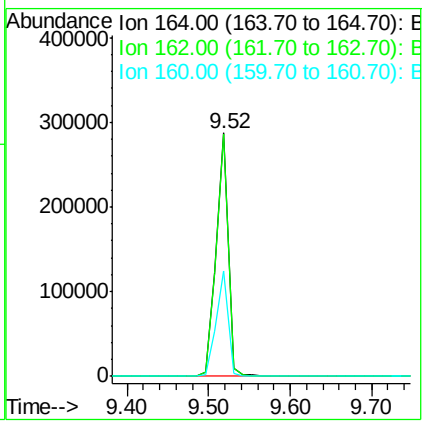


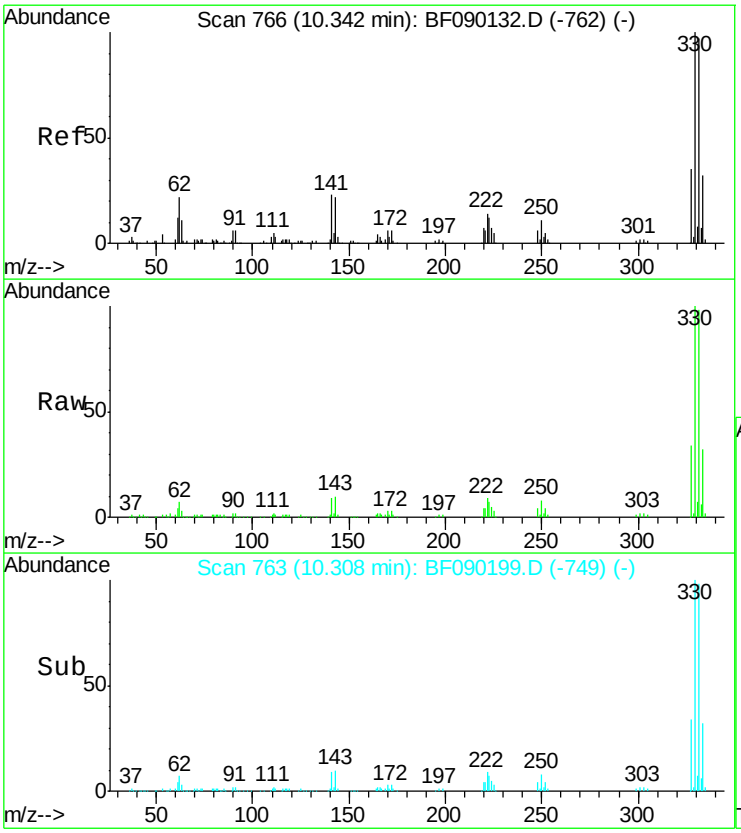
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 297164

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.4	122.2
160	43.4	36.6	54.8

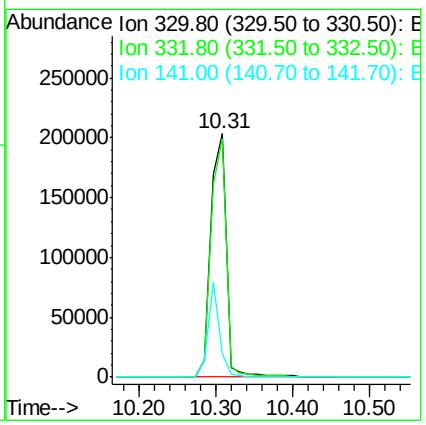


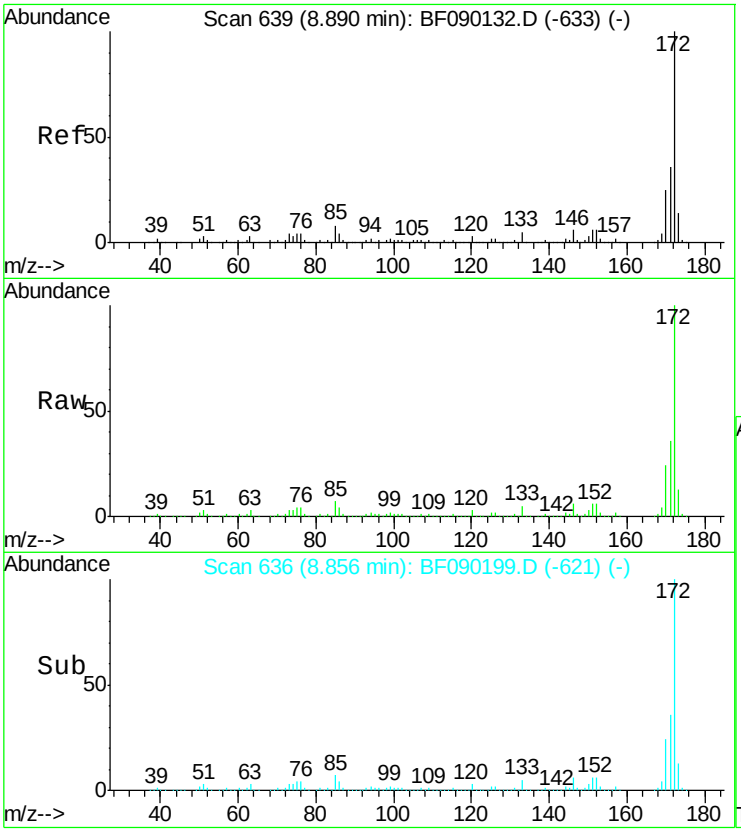


#41
2,4,6-Tribromophenol
Concen: 111.27 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Tgt Ion:330 Resp: 283682

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	29.0	23.9	35.9



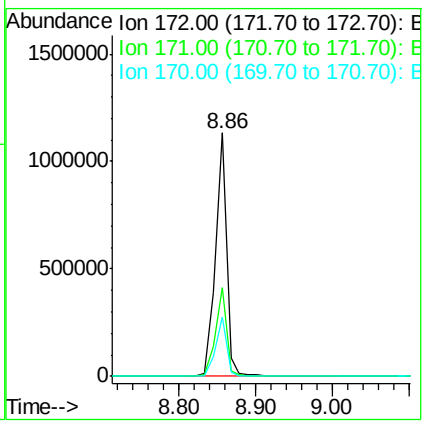


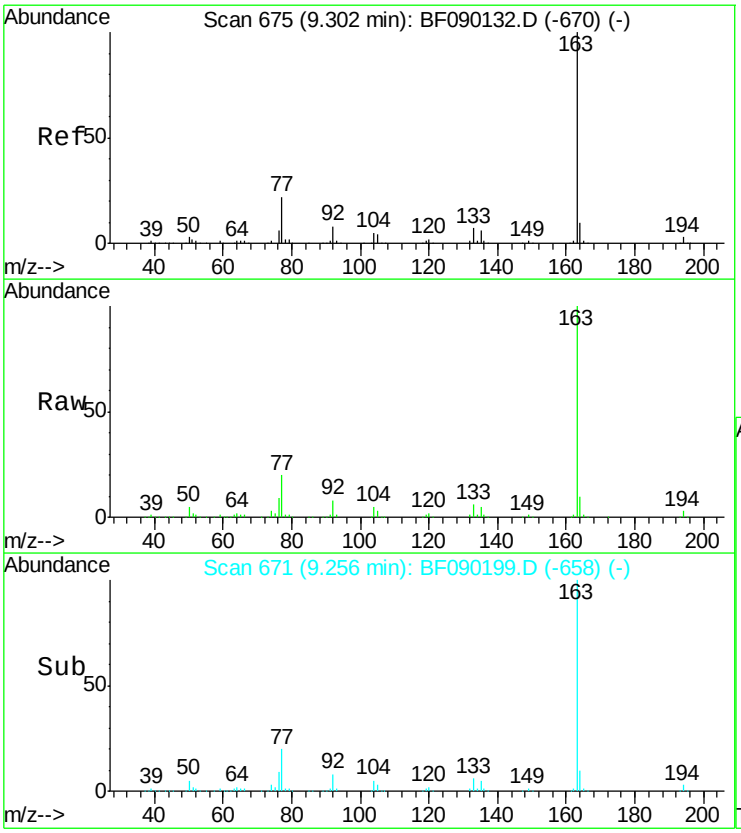
#44
2-Fluorobiphenyl
Concen: 76.08 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1151630

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.3	19.8	29.8

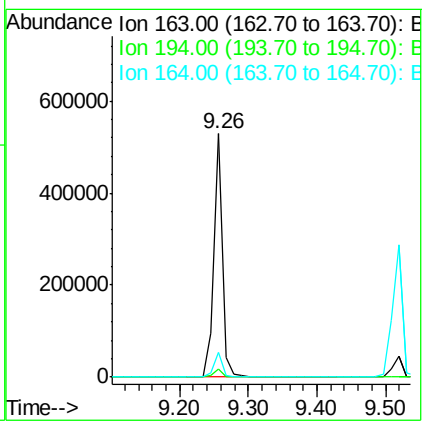


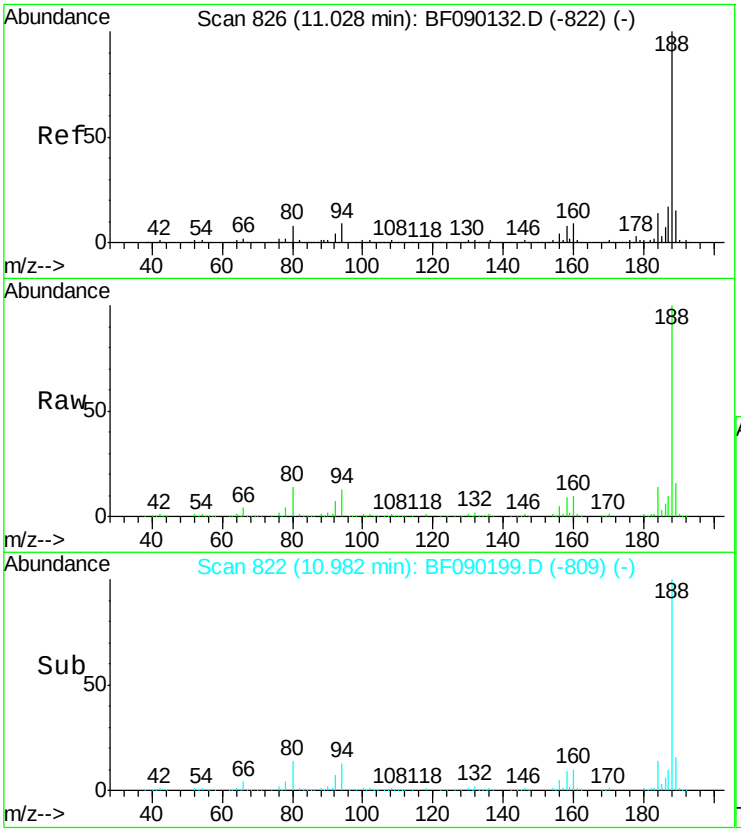


#49
Dimethylphthalate
Concen: 24.99 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Tgt Ion:163 Resp: 472966

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.1	12.1



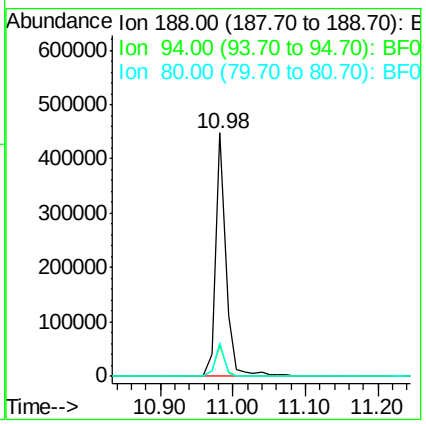


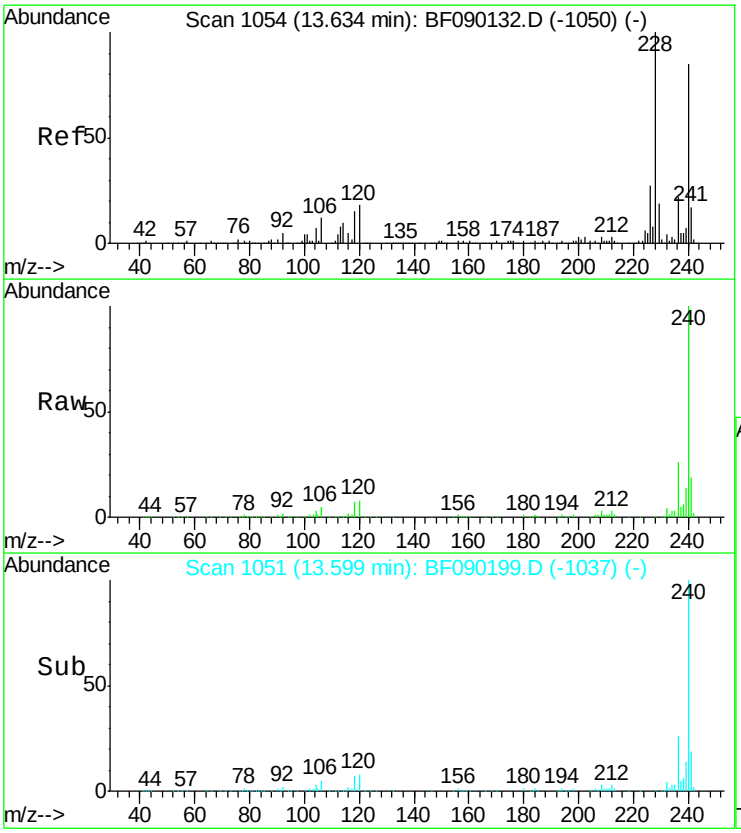
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 444372

Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.5	15.7
80	13.6	11.2	16.8

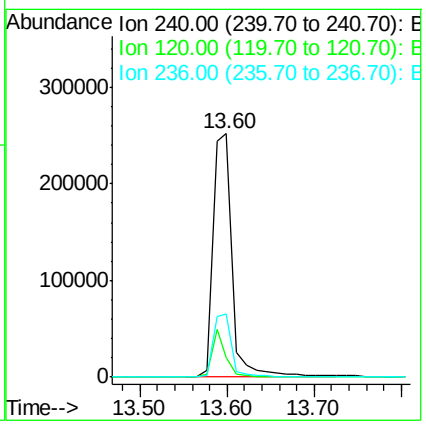


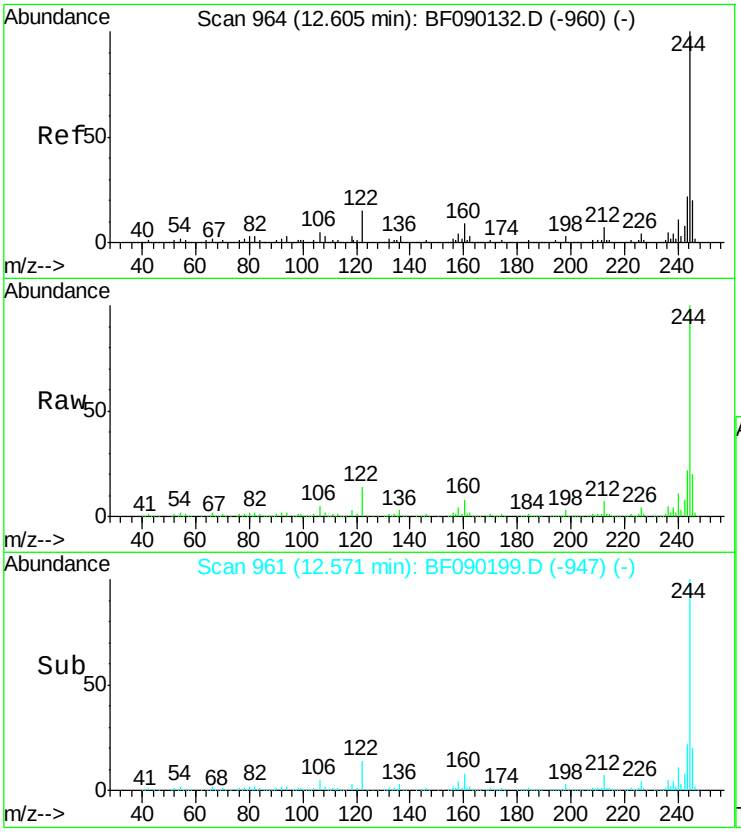


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Tgt Ion:240 Resp: 390713

Ion	Ratio	Lower	Upper
240	100		
120	8.3	10.6	16.0#
236	25.7	21.6	32.4



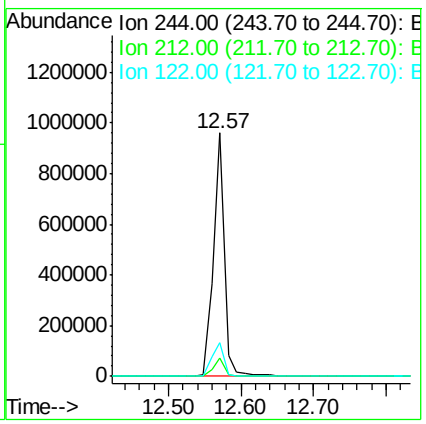


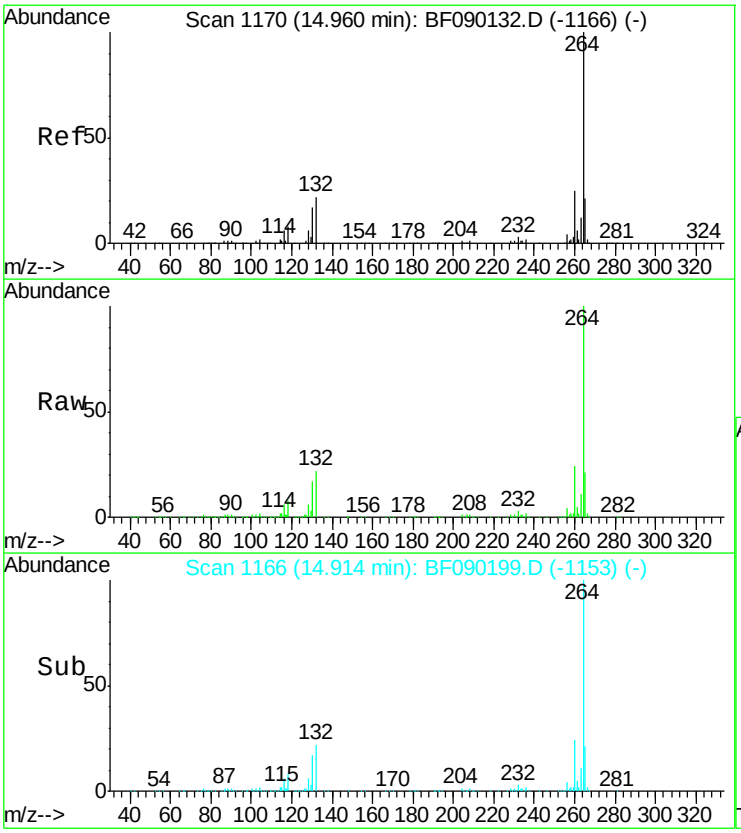
#78
Terphenyl-d14
Concen: 66.13 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.03 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1017745

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	14.0	9.4	14.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BF090199.D
Acq: 23 Sep 2016 15:56

Tgt Ion:264 Resp: 312748

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.0	25.4