Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090350.D
Acq On : 4 Oct 2016 19:07
Operator : UM/SJ
Sample : PB93723BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93723BL

Quant Time: Oct 05 01:13:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	252164	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	958270	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	478559	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	714545	20.00	ng	0.00
75) Chrysene-d12	14.19	240	527596	20.00	ng	0.00
86) Perylene-d12	15.70	264	410917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1753256	109.66	ng	0.00
7) Phenol-d6	6.62	99	1933211	96.74	ng	0.00
23) Nitrobenzene-d5	7.57	82	1485843	90.38	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	384893	92.60	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2353501	80.18	ng	0.00
78) Terphenyl-d14	13.14	244	1861771	82.15	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.16	79	29146	2.07	ng	# 51
19) n-Nitroso-di-n-propylamine	7.57	70	206285	16.16	ng	# 62
32) Benzoic acid	7.96	122	274	5.28	ng	# 68

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

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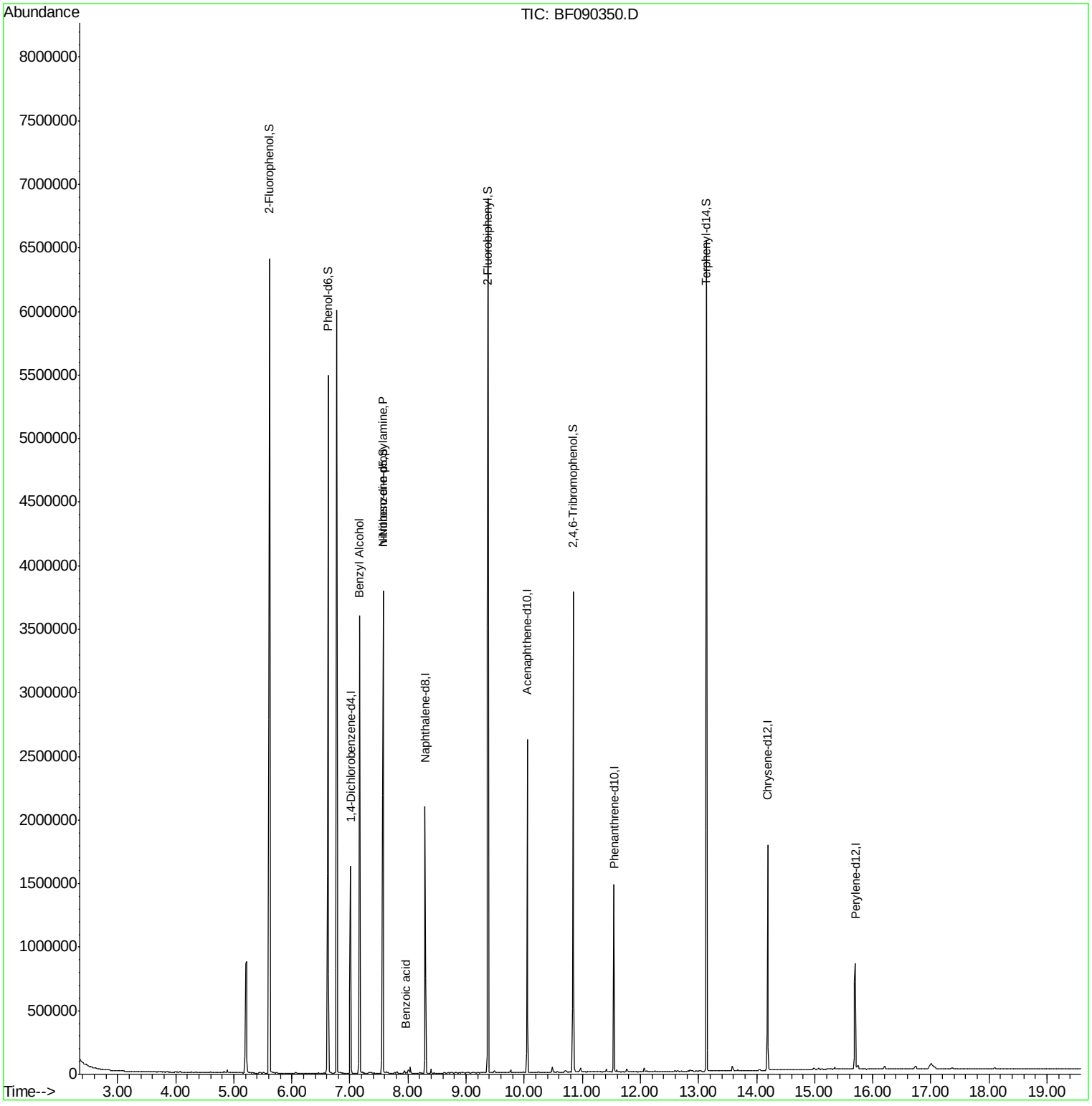
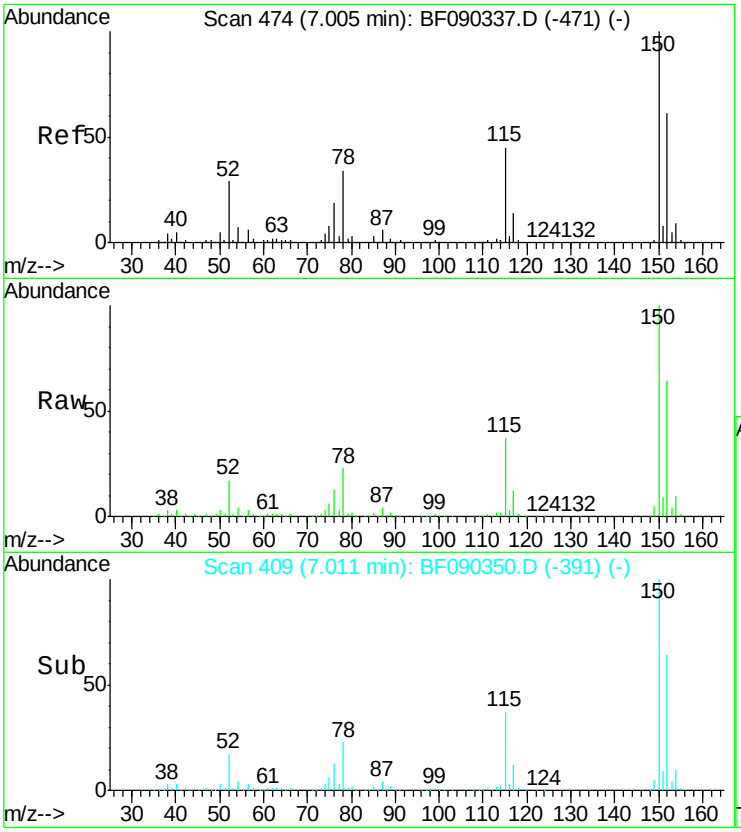


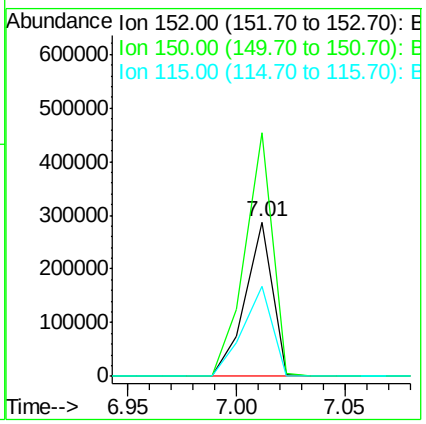


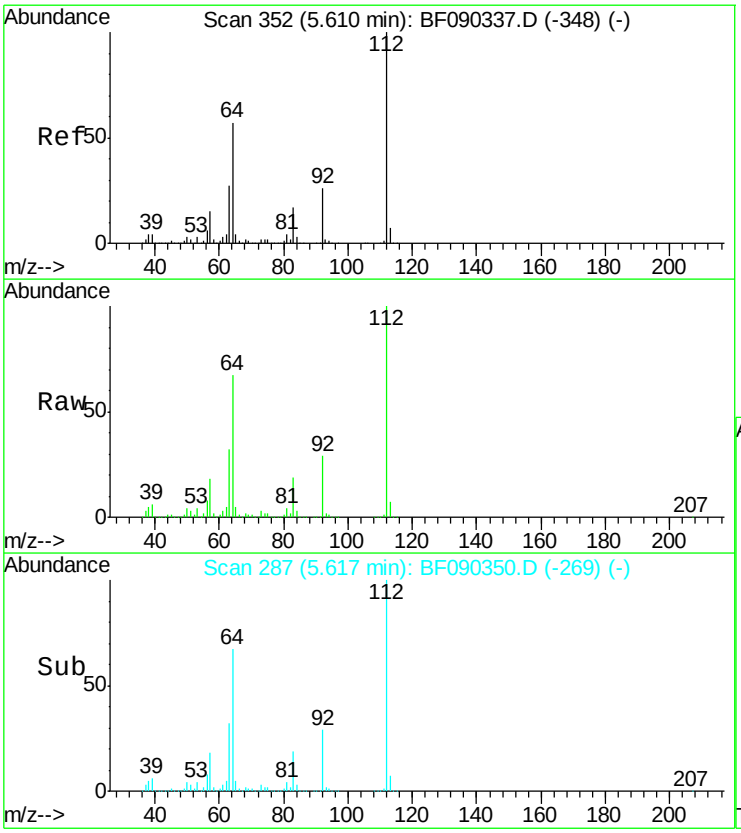
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion:152 Resp: 252164

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	57.9	46.2	69.4

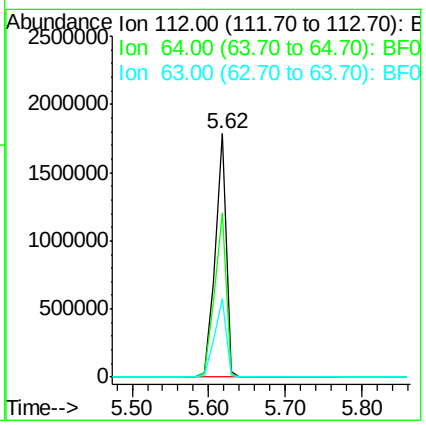


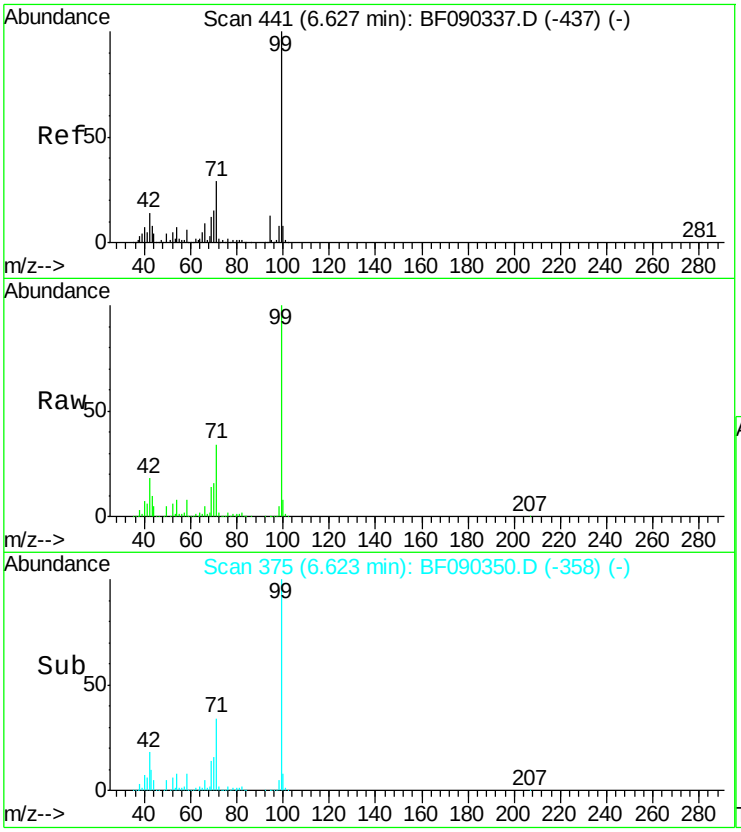


#5
2-Fluorophenol
Concen: 109.66 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion:112 Resp: 1753256

Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.9	86.9
63	32.4	29.6	44.4



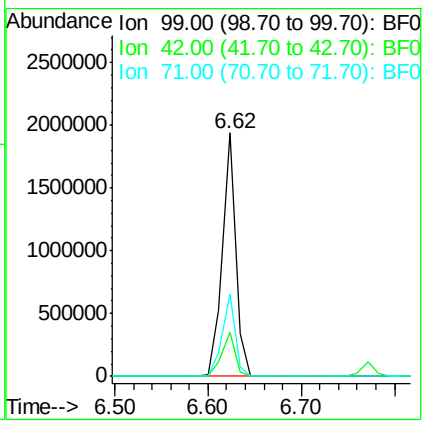


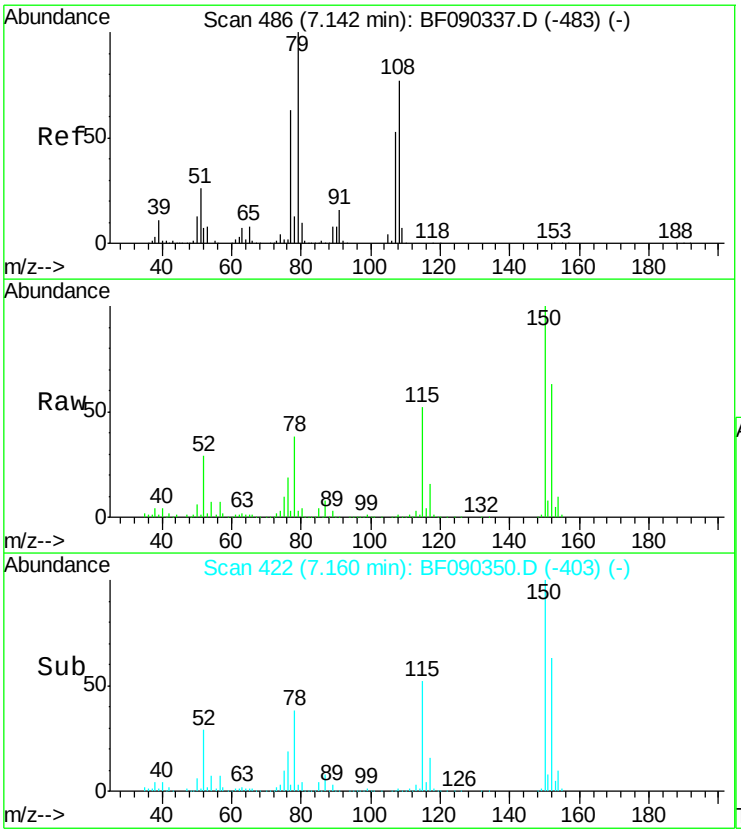
#7
Phenol-d6
Concen: 96.74 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion: 99 Resp: 1933211

Ion	Ratio	Lower	Upper
99	100		
42	18.1	20.0	30.0#
71	33.7	27.9	41.9

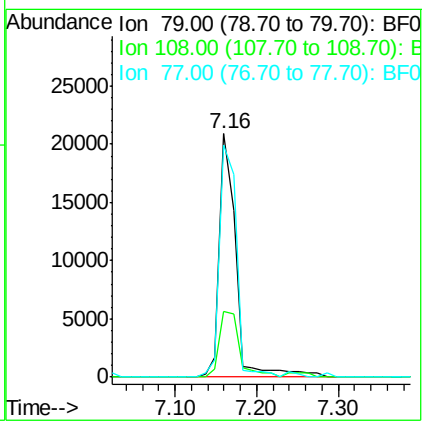


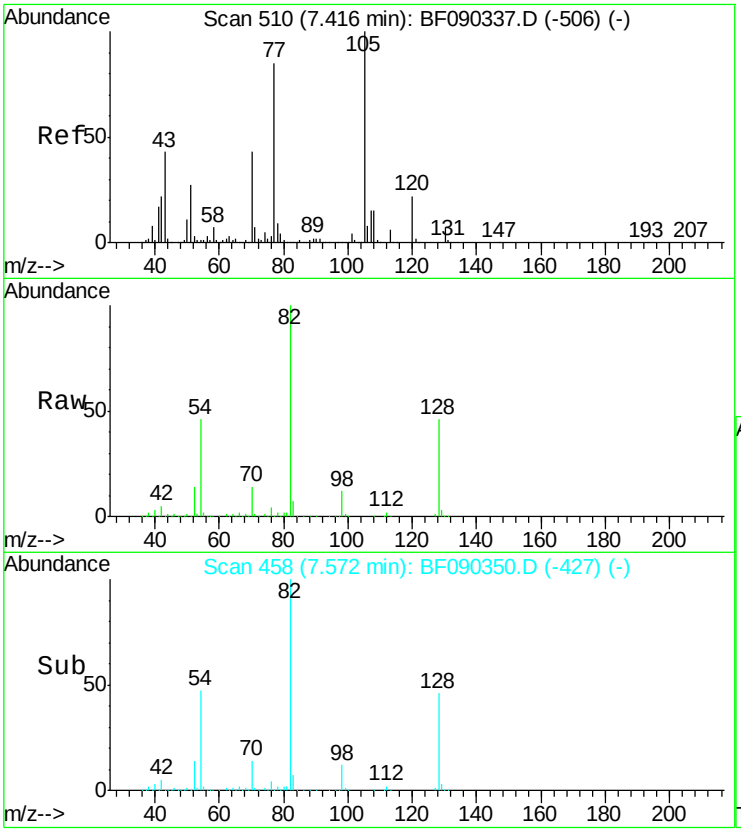


#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 7.16 min Scan# 422
Delta R.T. 0.02 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion: 79 Resp: 29146

Ion	Ratio	Lower	Upper
79	100		
108	26.8	60.9	91.3#
77	95.2	51.5	77.3#



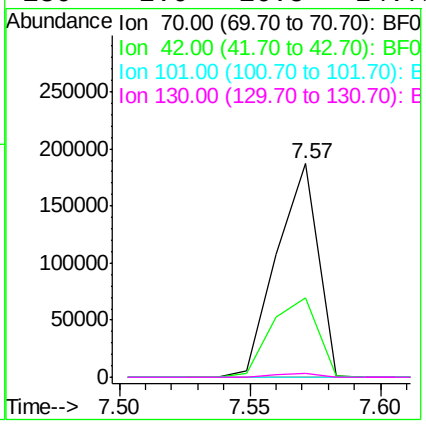


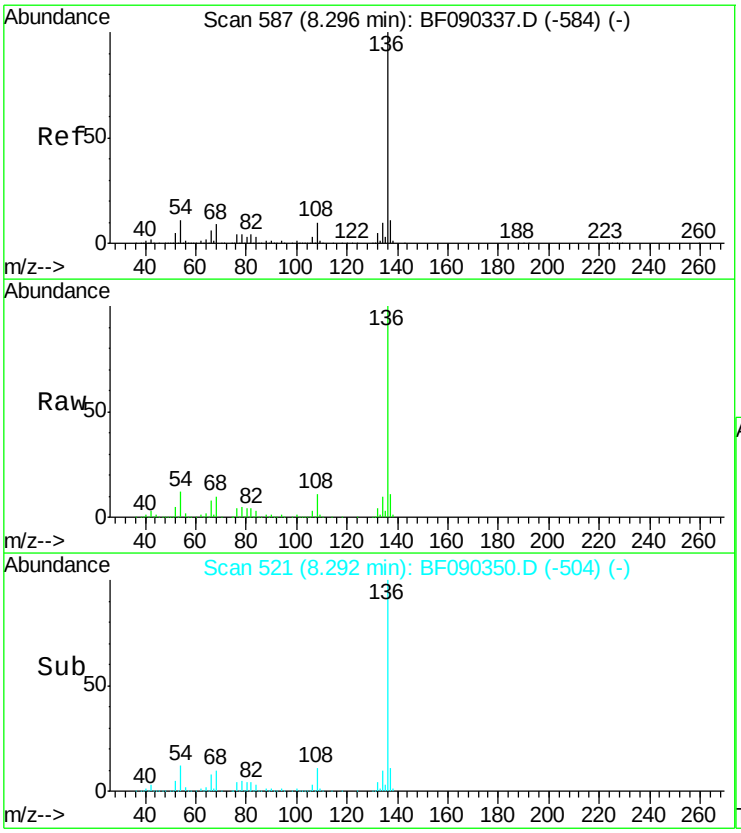
#19
n-Nitroso-di-n-propylamine
Concen: 16.16 ng
RT: 7.57 min Scan# 458
Delta R.T. 0.16 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion: 70 Resp: 206285

Ion	Ratio	Lower	Upper
70	100		
42	37.3	55.4	83.2#
101	0.0	7.6	11.4#
130	2.0	16.5	24.7#

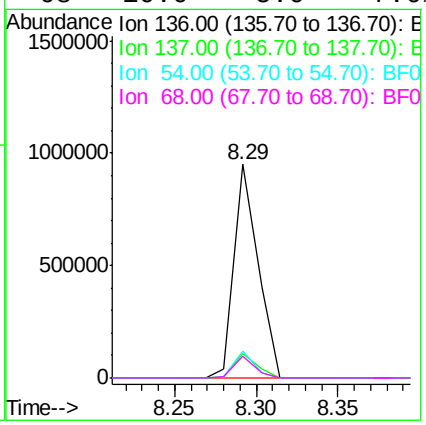


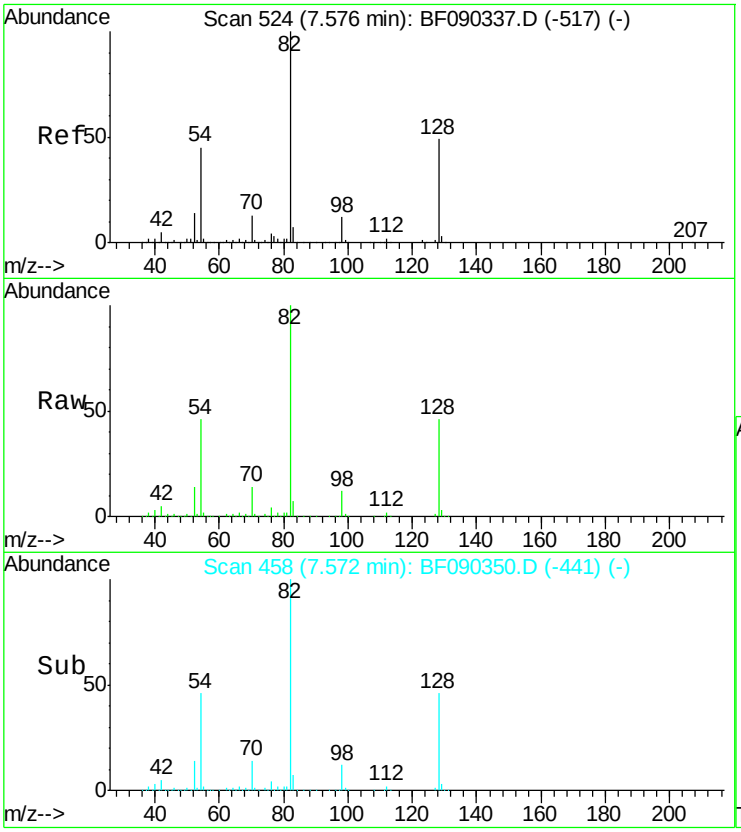


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion:136 Resp: 958270

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	12.5	6.6	10.0#
68	10.0	5.0	7.6#



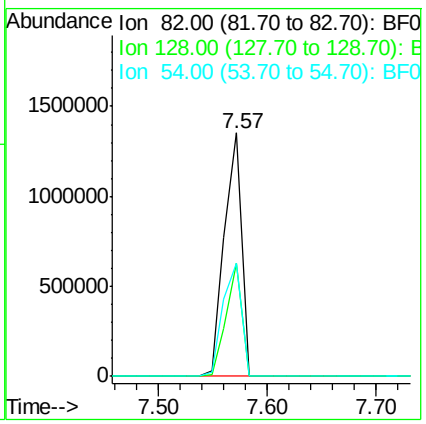


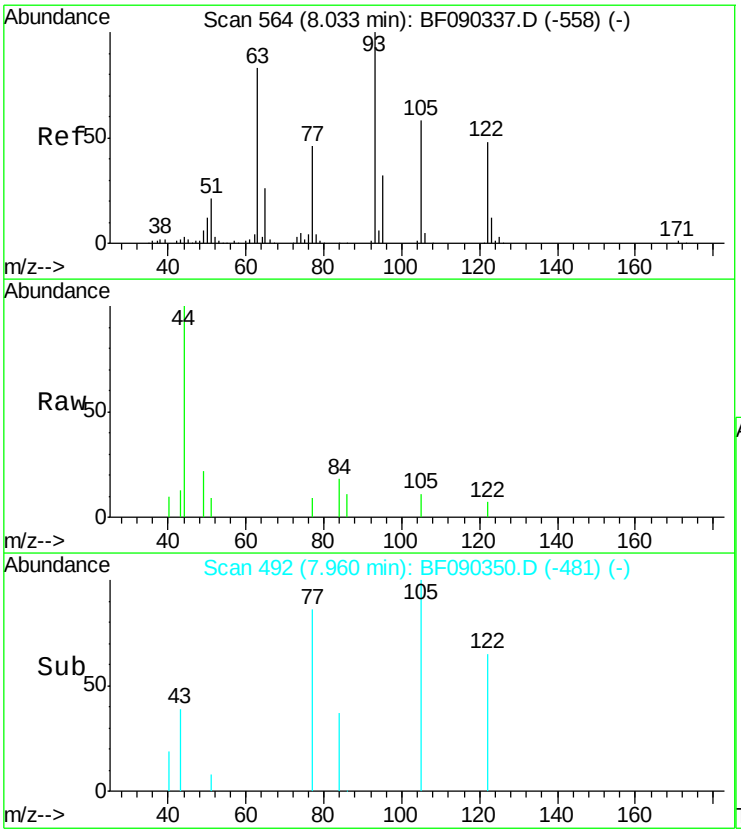
#23
Nitrobenzene-d5
Concen: 90.38 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion: 82 Resp: 1485843

Ion	Ratio	Lower	Upper
82	100		
128	46.2	40.0	60.0
54	46.5	42.6	64.0

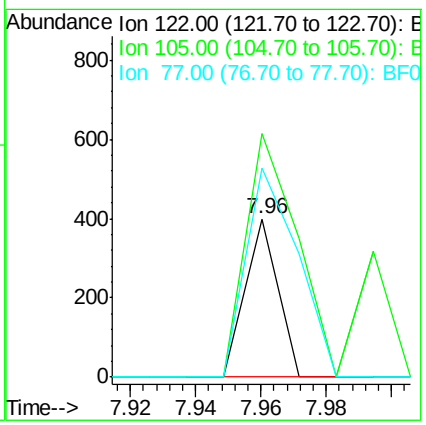


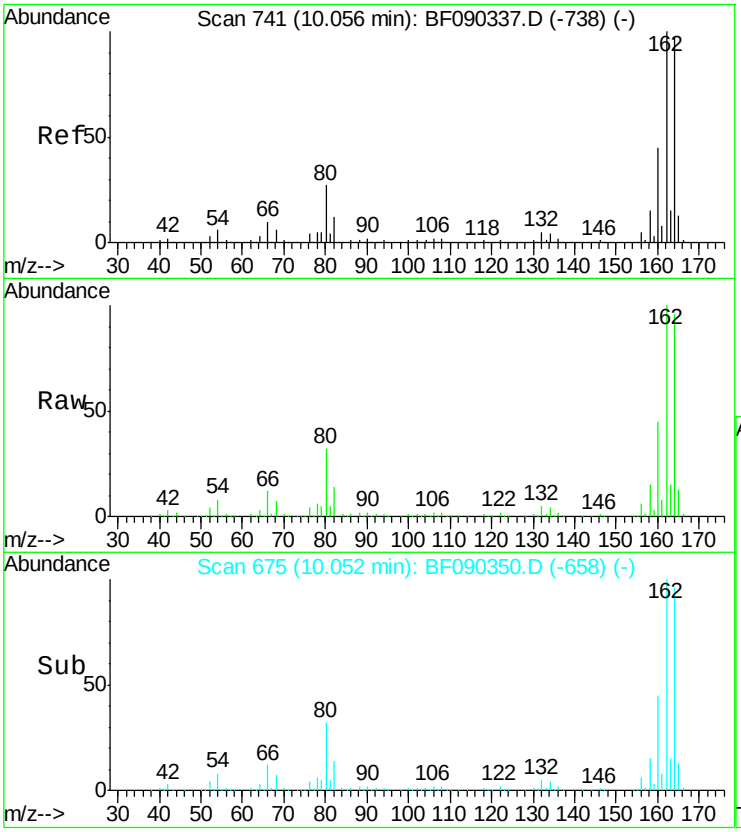


#32
Benzoic acid
Concen: 5.28 ng
RT: 7.96 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion:122 Resp: 274

Ion	Ratio	Lower	Upper
122	100		
105	153.9	103.9	143.9#
77	132.6	74.6	114.6#



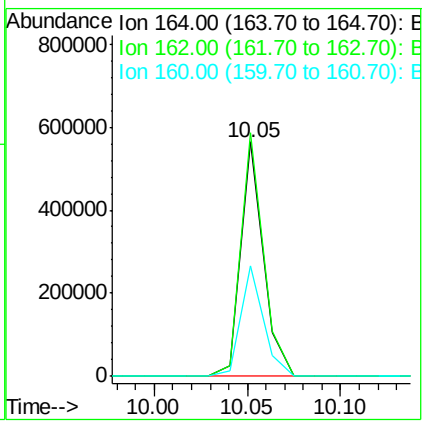


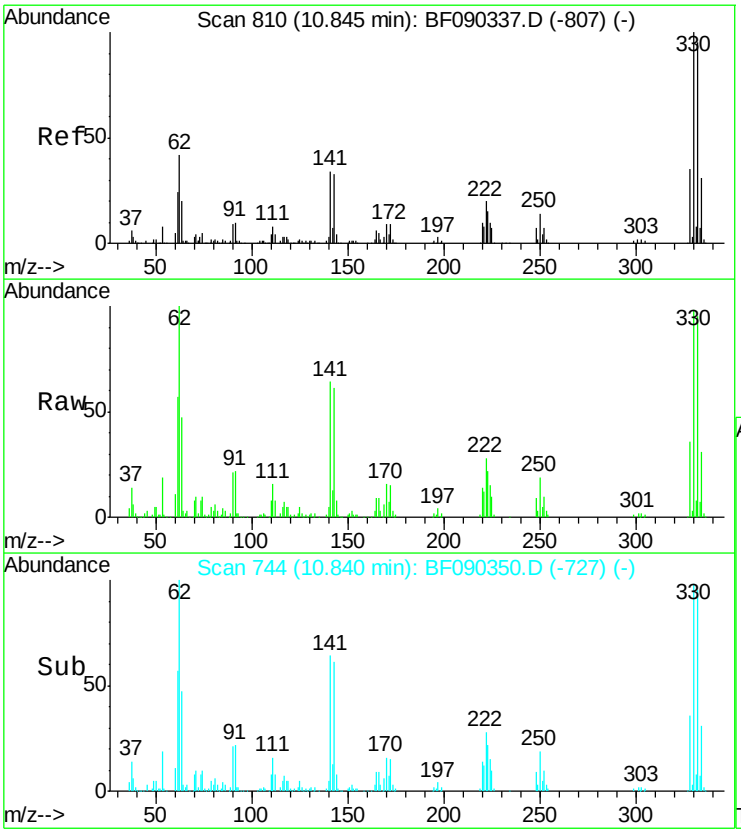
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion:164 Resp: 478559

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.1	120.1
160	47.1	36.3	54.5

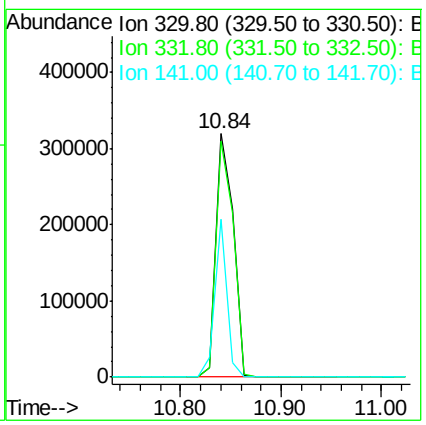


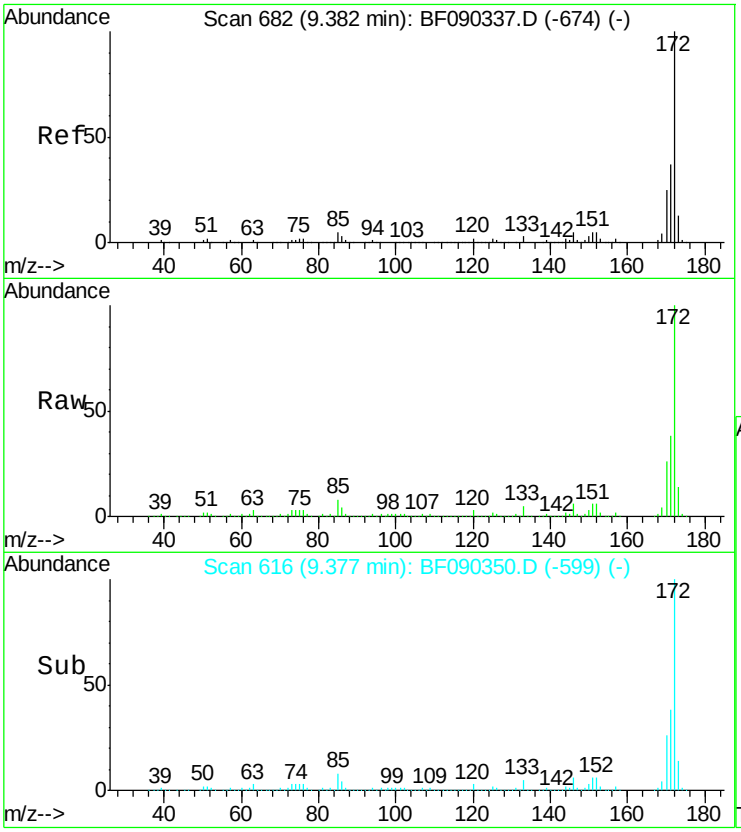


#41
2,4,6-Tribromophenol
Concen: 92.60 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion:330 Resp: 384893

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.0
141	45.0	26.9	40.3#



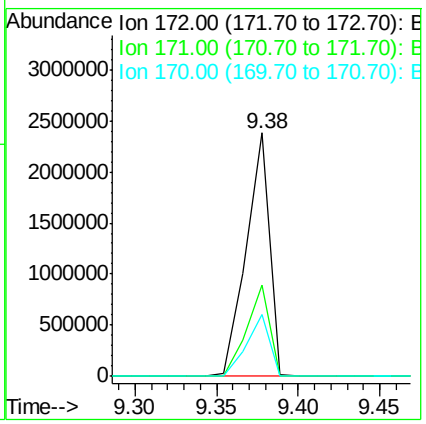


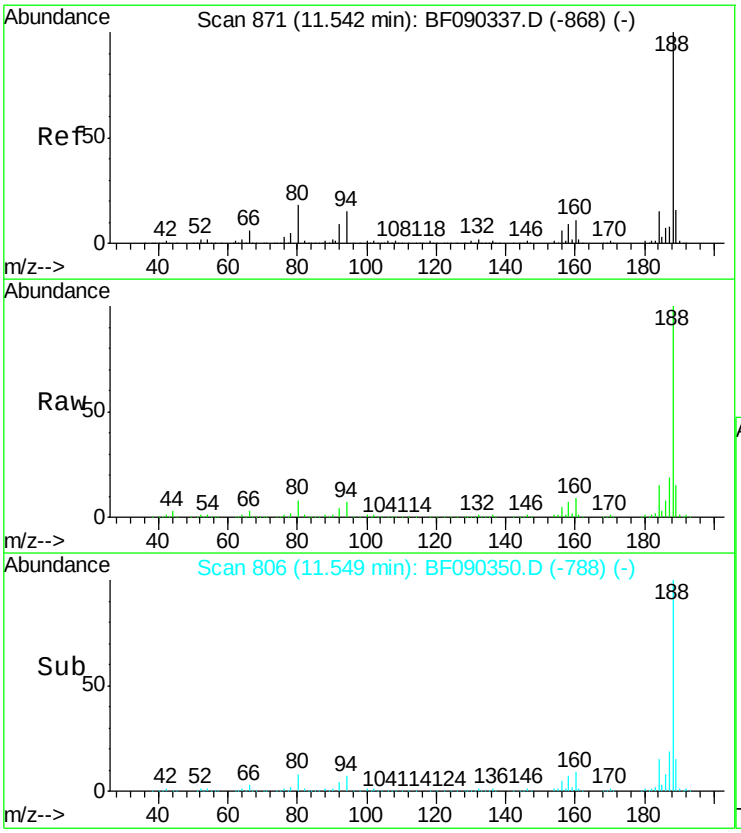
#44
2-Fluorobiphenyl
Concen: 80.18 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion:172 Resp: 2353501

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.8
170	25.5	21.7	32.5

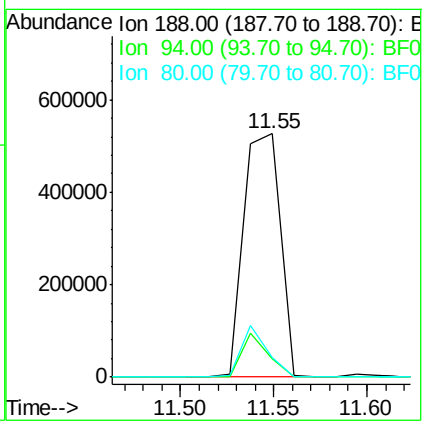


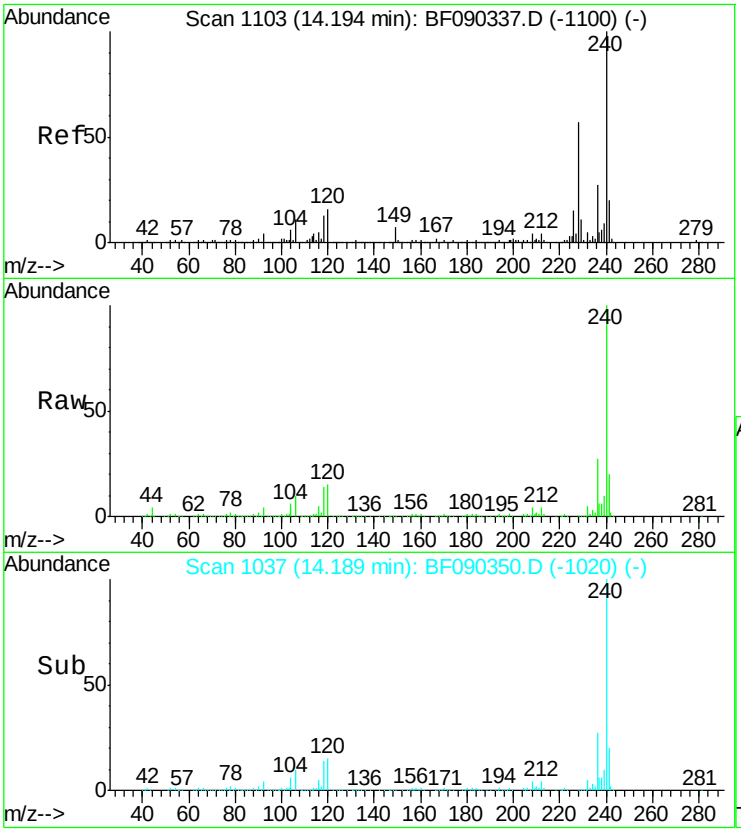


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion:188 Resp: 714545

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.2	12.2#
80	8.2	8.8	13.2#



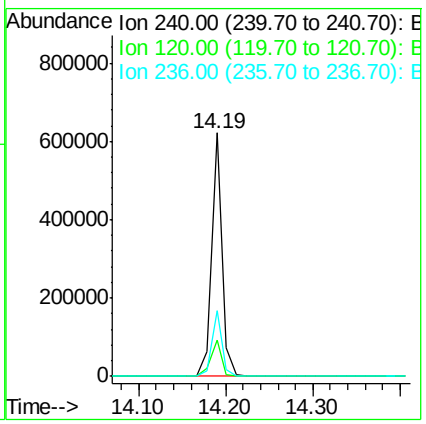


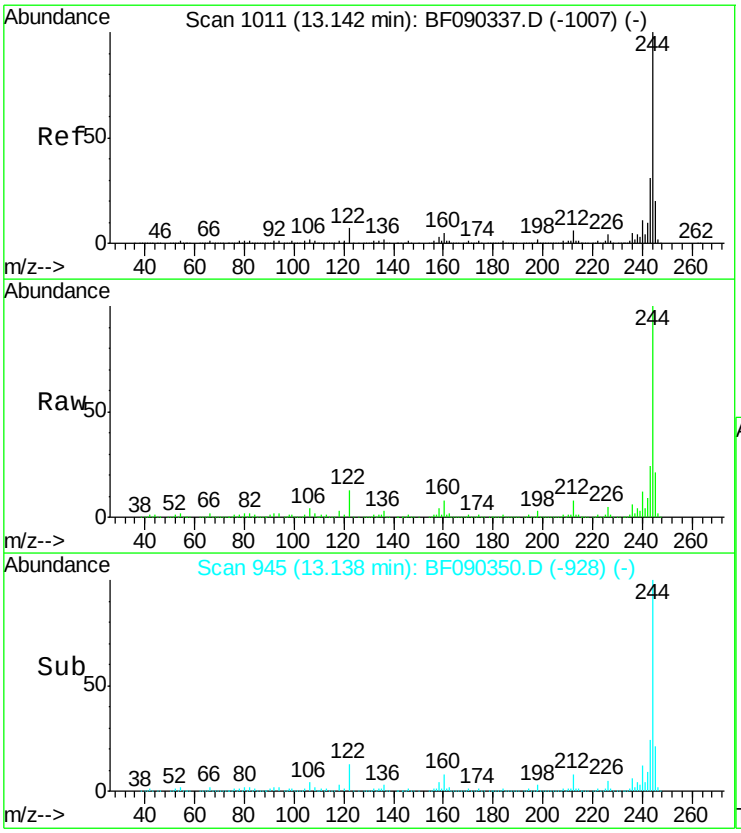
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion:240 Resp: 527596

Ion	Ratio	Lower	Upper
240	100		
120	15.2	8.6	13.0#
236	26.9	21.6	32.4

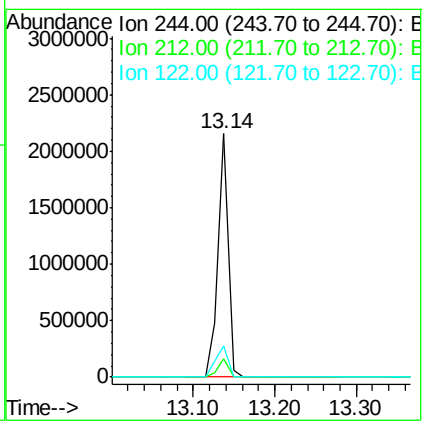


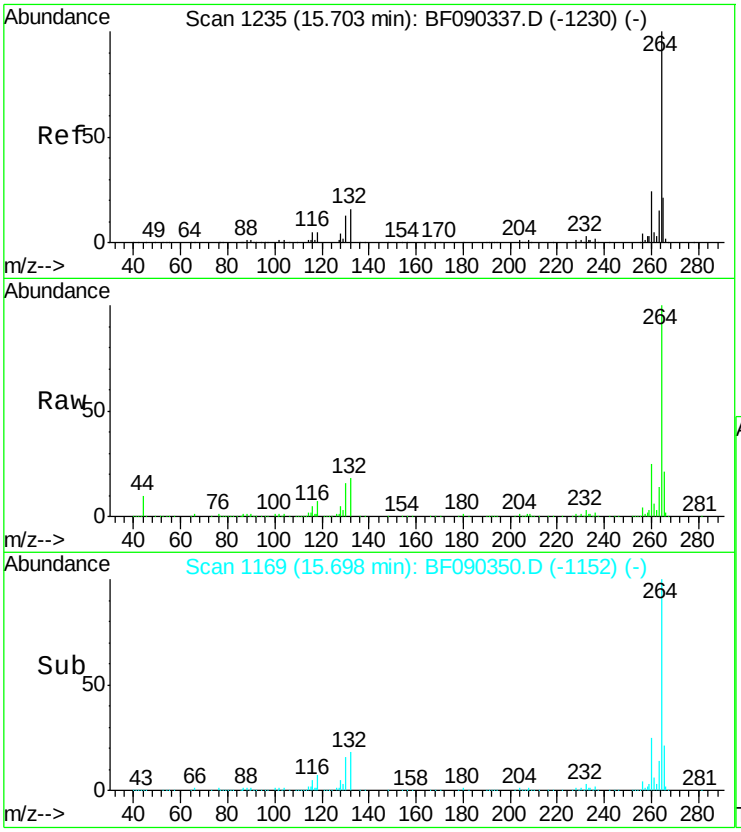


#78
Terphenyl-d14
Concen: 82.15 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Tgt Ion:244 Resp: 1861771

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.8	10.2
122	13.0	13.3	19.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090350.D
Acq: 4 Oct 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PB93723BL

Tgt Ion:264 Resp: 410917

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.1	17.4	26.0