Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092616\
Data File : BF090235.D
Acq On : 26 Sep 2016 21:34
Operator : UM/SJ
Sample : H4946-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05S-092216

Quant Time: Sep 27 01:21:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	135475	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	538487	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	327499	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	490521	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	443757	20.00	ng	-0.01
86) Perylene-d12	14.90	264	332902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	339475	40.84	ng	0.00
7) Phenol-d6	6.12	99	291715	28.42	ng	-0.01
23) Nitrobenzene-d5	7.05	82	689695	74.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	292936	104.26	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1115596	66.87	ng	-0.01
78) Terphenyl-d14	12.56	244	978351	55.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.79	88	18163	4.03	ng	# 25
19) n-Nitroso-di-n-propylamine	7.05	70	79905	13.25	ng	# 78
49) Dimethylphthalate	9.24	163	53306	2.56	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092616\
Data File : BF090235.D
Acq On : 26 Sep 2016 21:34
Operator : UM/SJ
Sample : H4946-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
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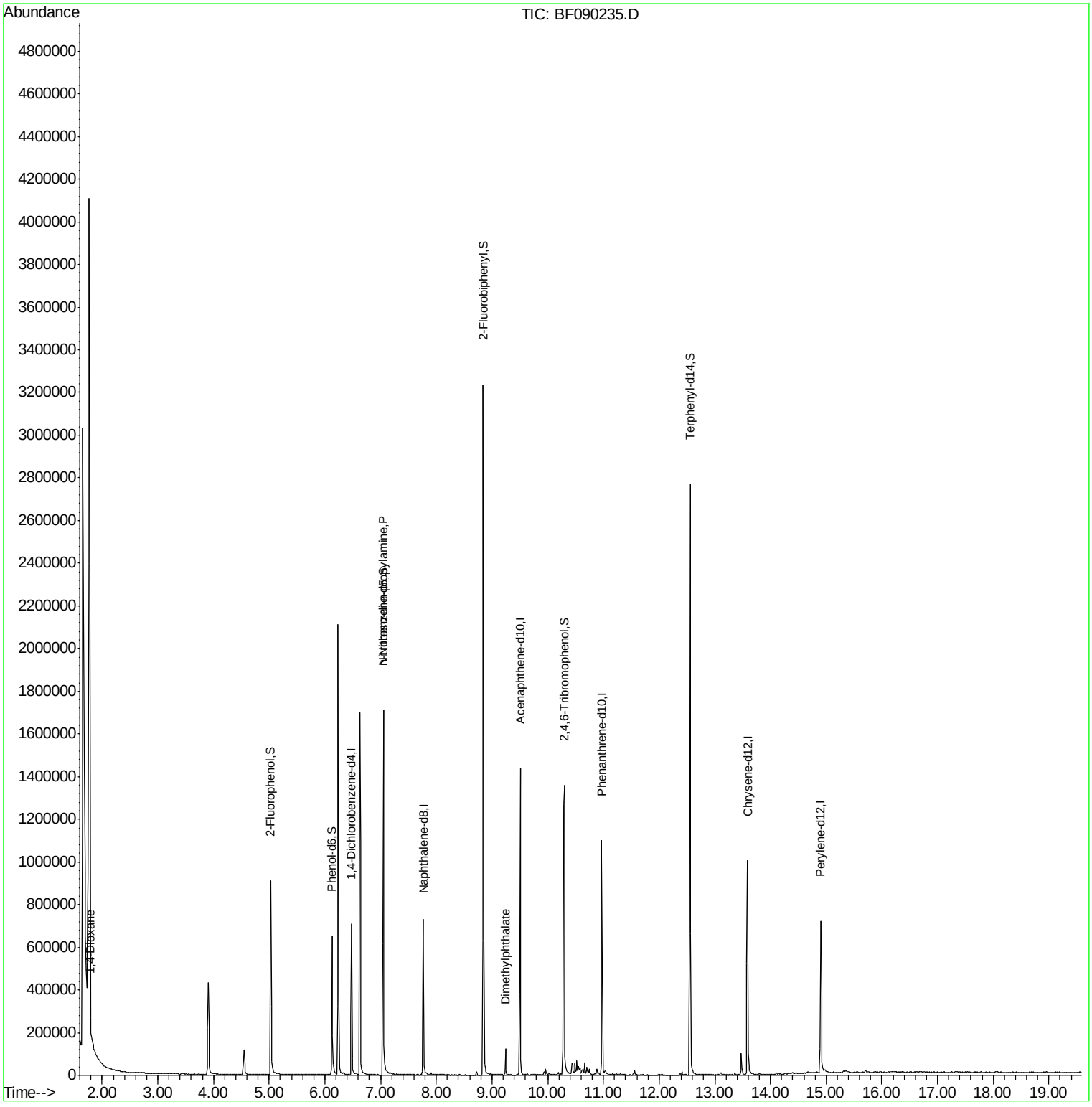
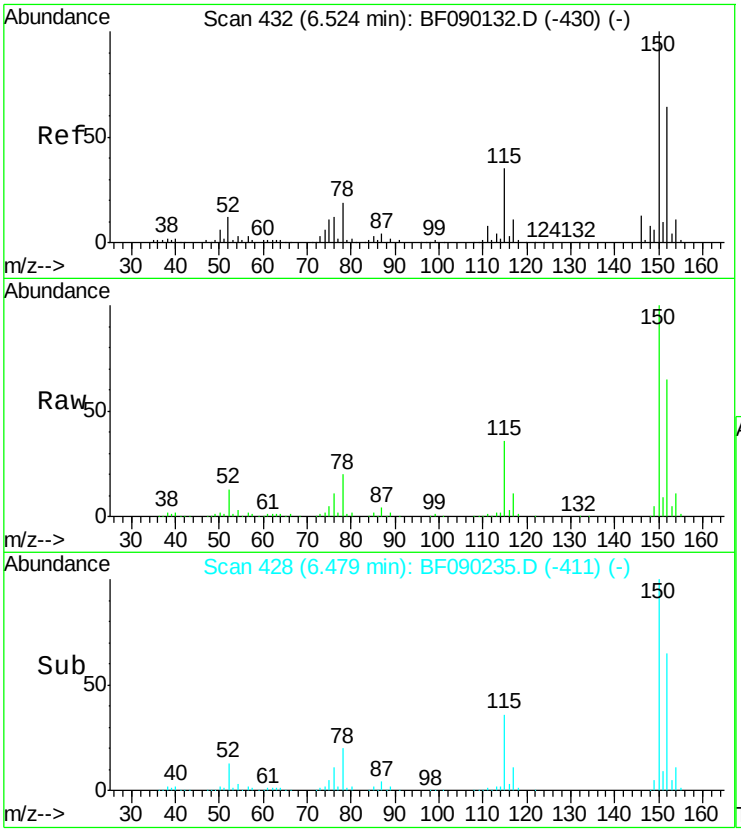


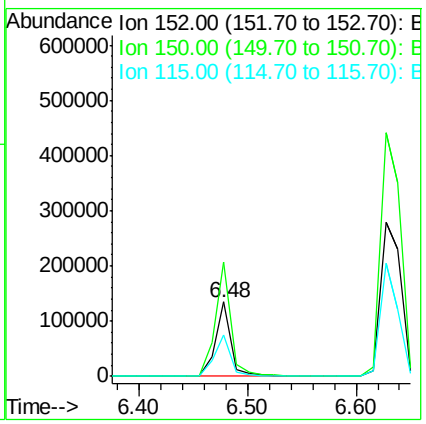


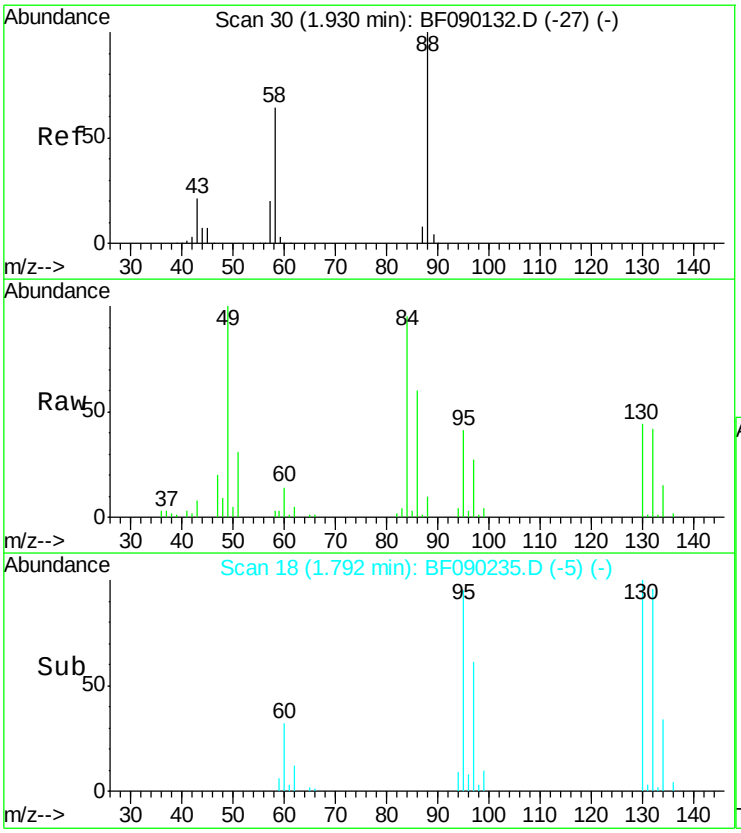
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion:152 Resp: 135475

Ion	Ratio	Lower	Upper
152	100		
150	153.9	128.9	193.3
115	56.0	55.5	83.3

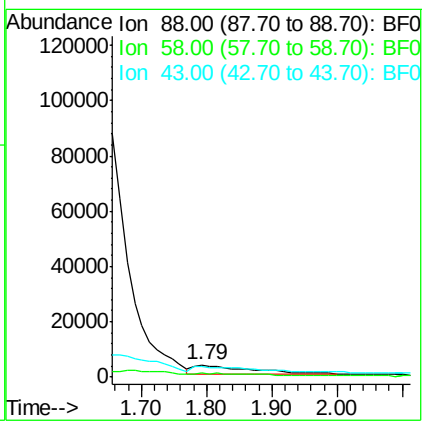


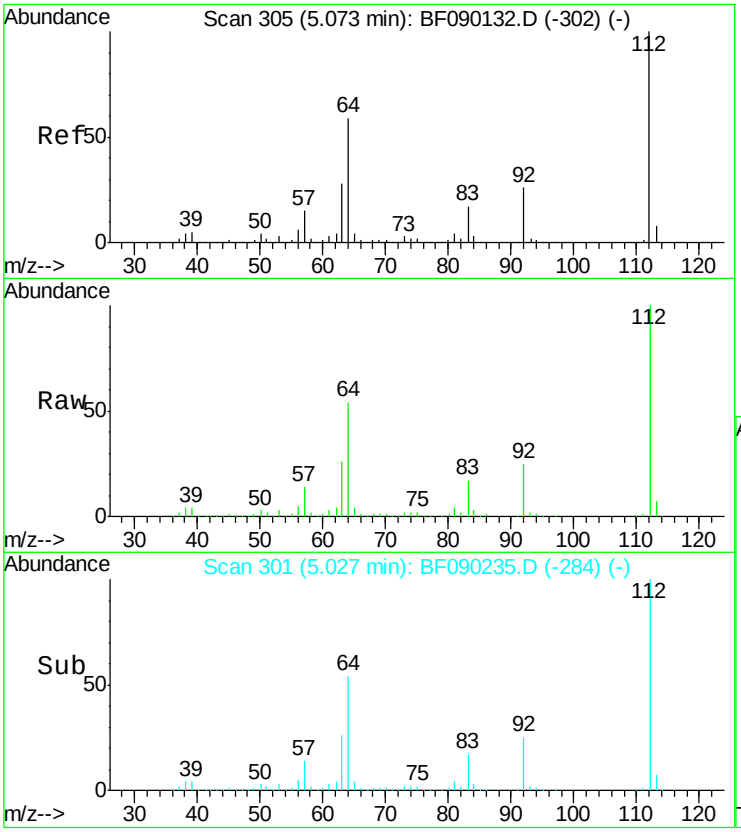


#2
1,4-Dioxane
Concen: 4.03 ng
RT: 1.79 min Scan# 18
Delta R.T. -0.05 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Tgt Ion: 88 Resp: 18163

Ion	Ratio	Lower	Upper
88	100		
58	8.7	53.4	80.0#
43	58.6	16.5	24.7#



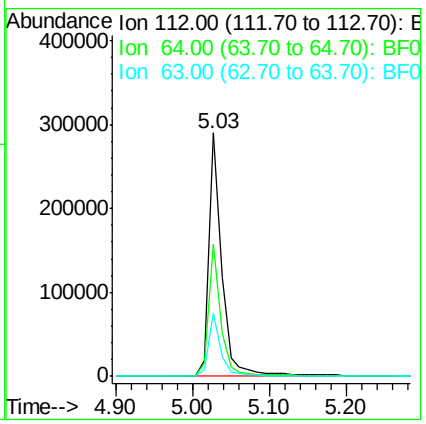


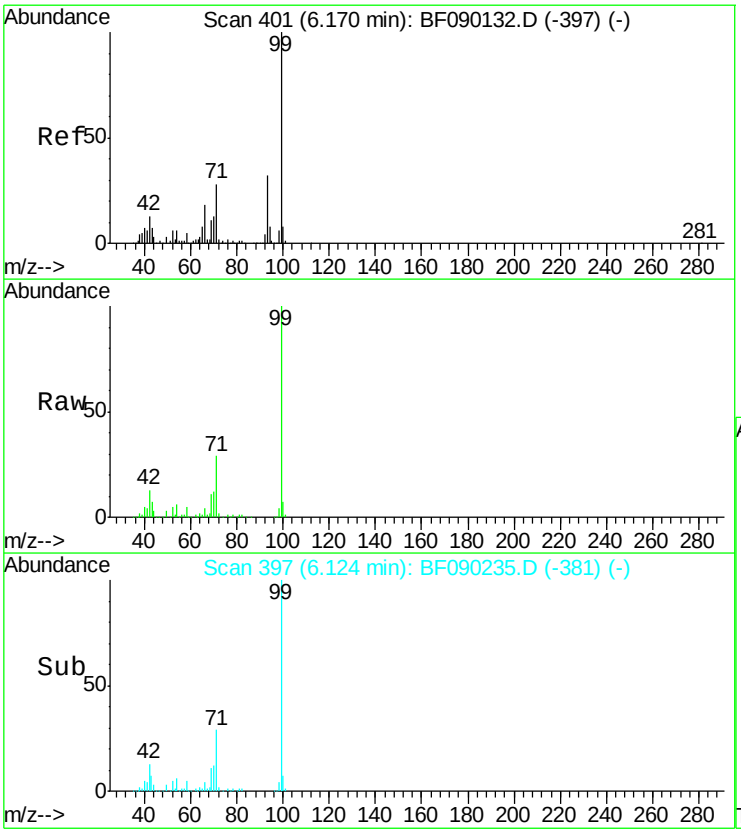
#5
2-Fluorophenol
Concen: 40.84 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion:112 Resp: 339475

Ion	Ratio	Lower	Upper
112	100		
64	54.5	39.8	59.6
63	26.0	18.9	28.3

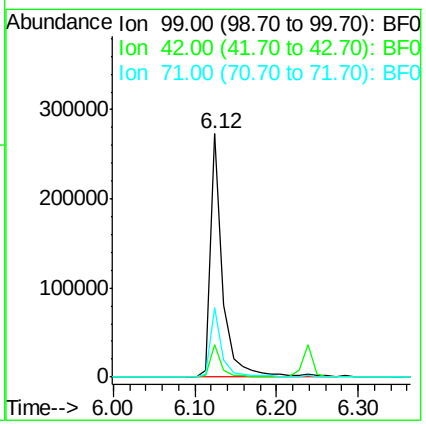


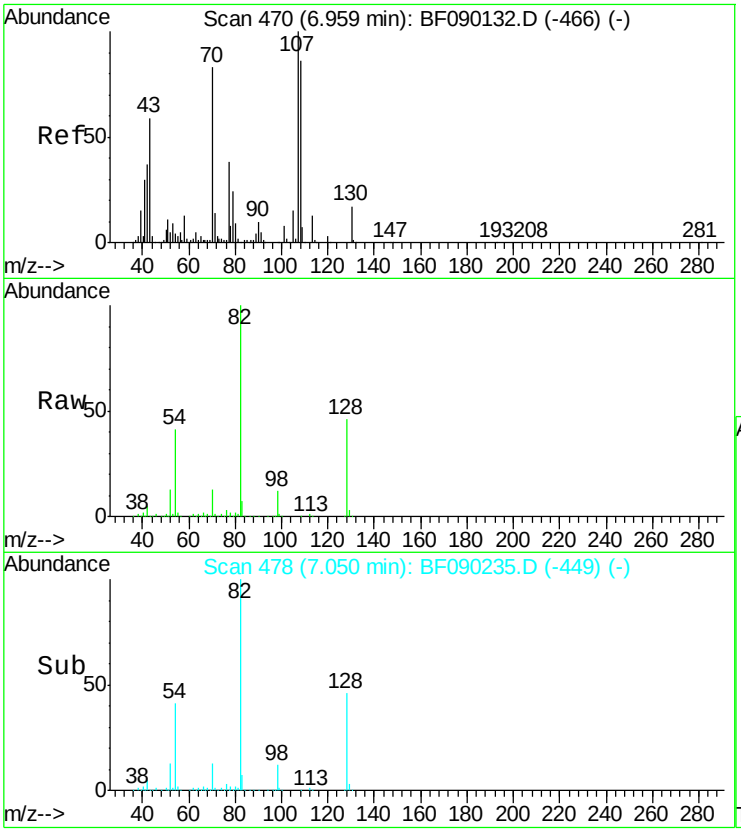


#7
Phenol-d6
Concen: 28.42 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Tgt Ion: 99 Resp: 291715

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	15.8
71	28.7	23.0	34.6



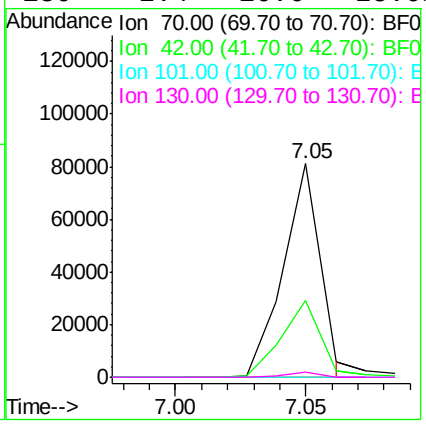


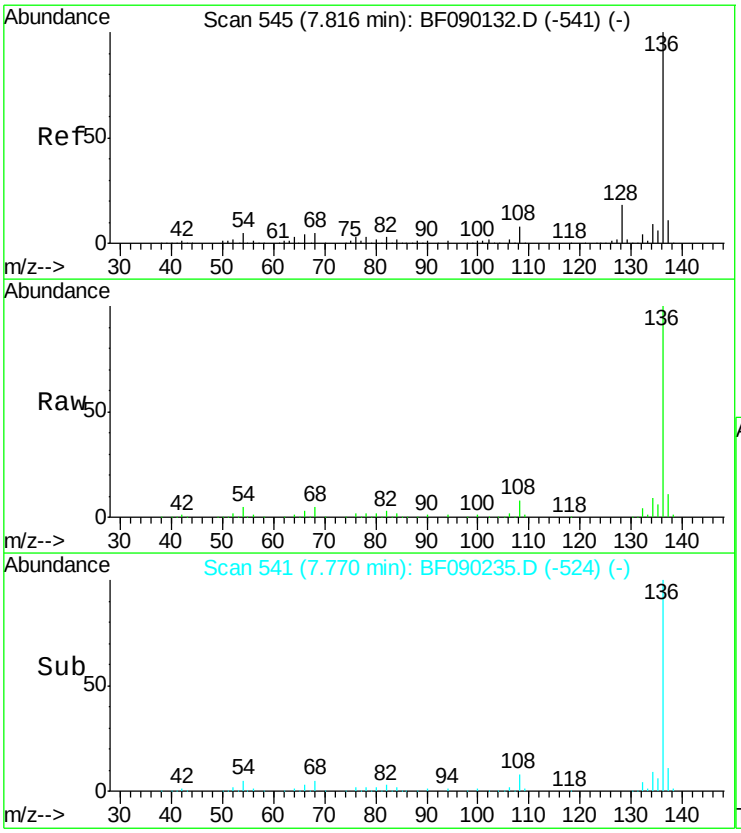
#19
n-Nitroso-di-n-propylamine
Concen: 13.25 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.14 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion: 70 Resp: 79905

Ion	Ratio	Lower	Upper
70	100		
42	36.0	35.1	52.7
101	0.0	7.5	11.3#
130	2.4	16.6	25.0#

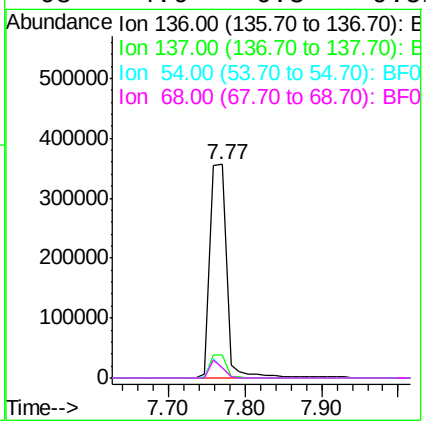


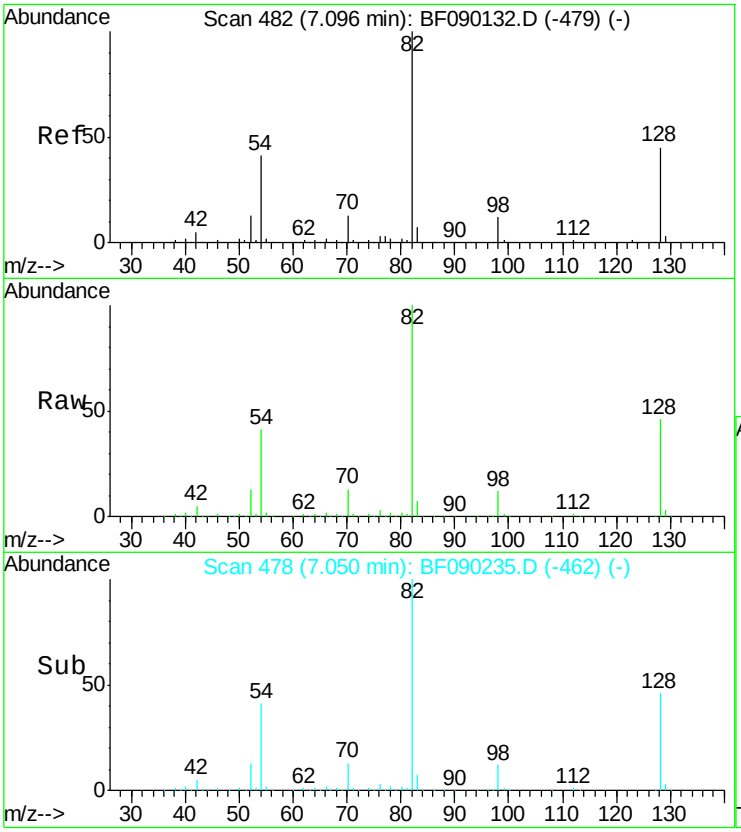


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Tgt Ion:136 Resp: 538487

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	4.8	6.4	9.6#
68	4.6	6.3	9.5#



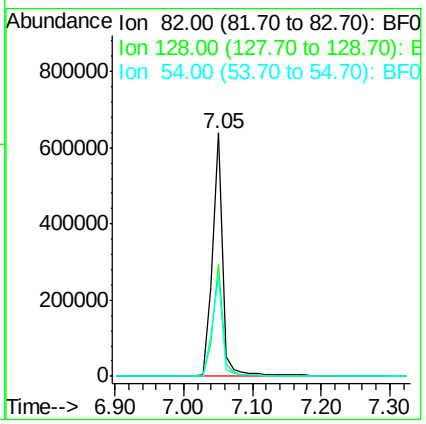


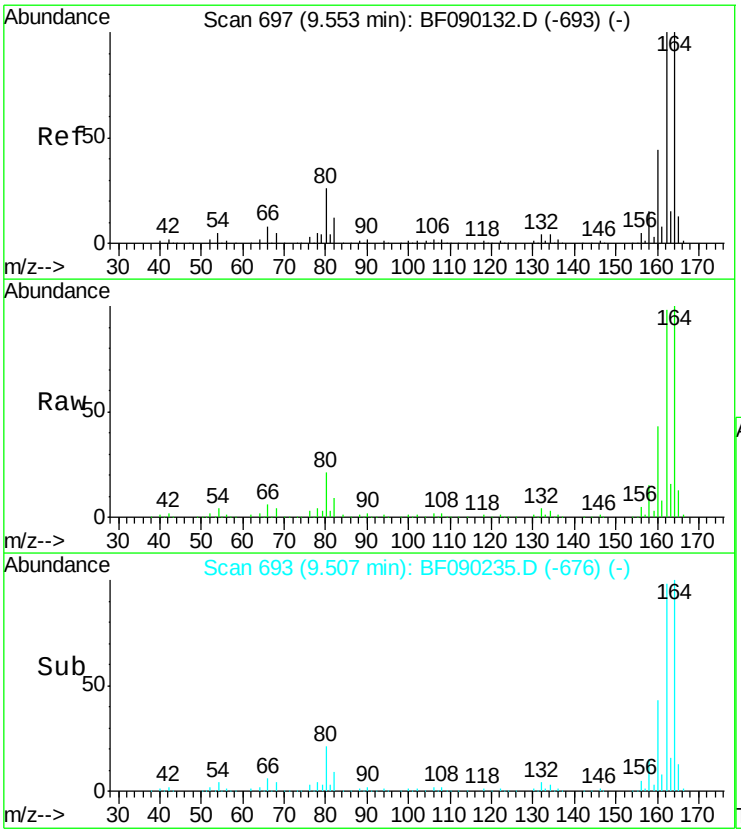
#23
Nitrobenzene-d5
Concen: 74.25 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion: 82 Resp: 689695

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.5	56.3
54	41.2	31.9	47.9

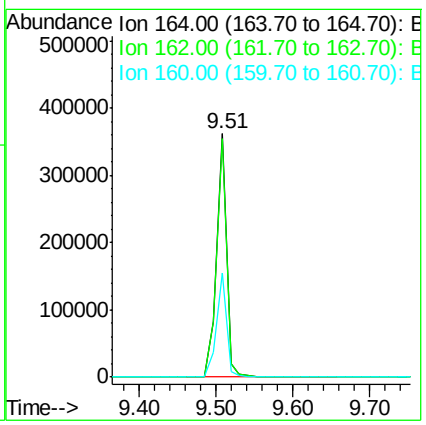


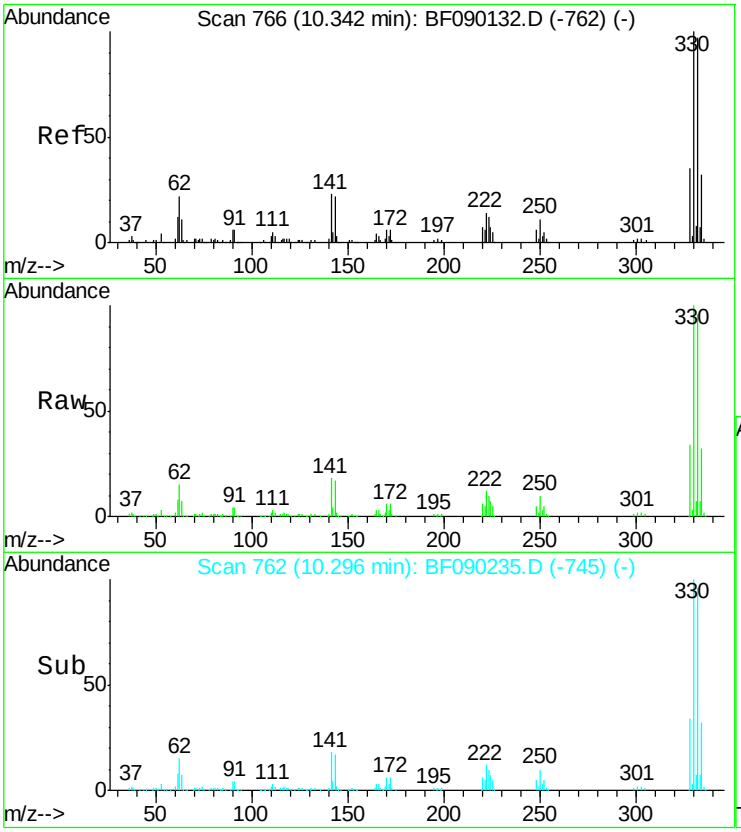


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Tgt Ion:164 Resp: 327499

Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.4	122.2
160	42.9	36.6	54.8



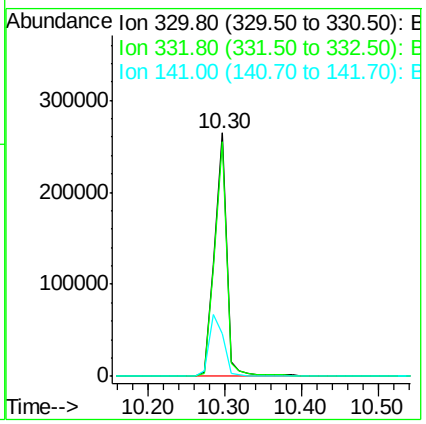


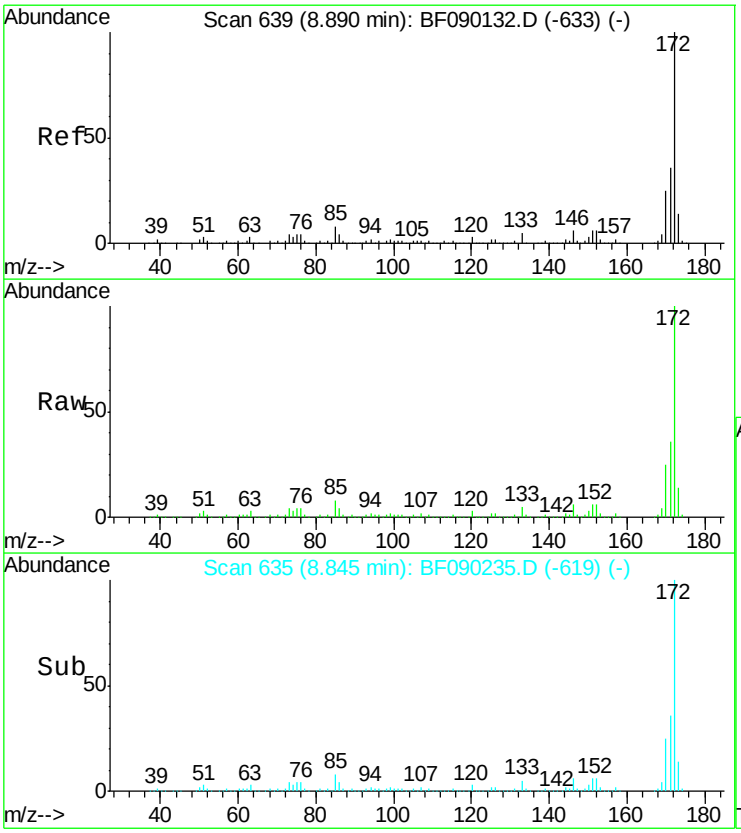
#41
2,4,6-Tribromophenol
Concen: 104.26 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion:330 Resp: 292936

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	30.1	23.9	35.9

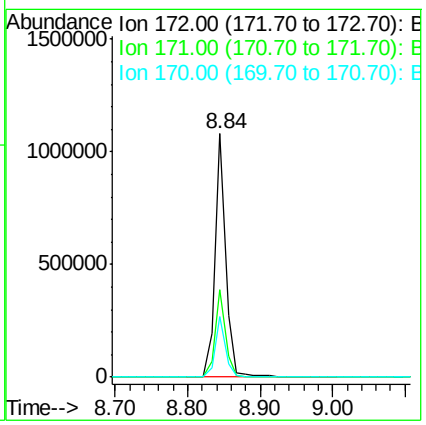


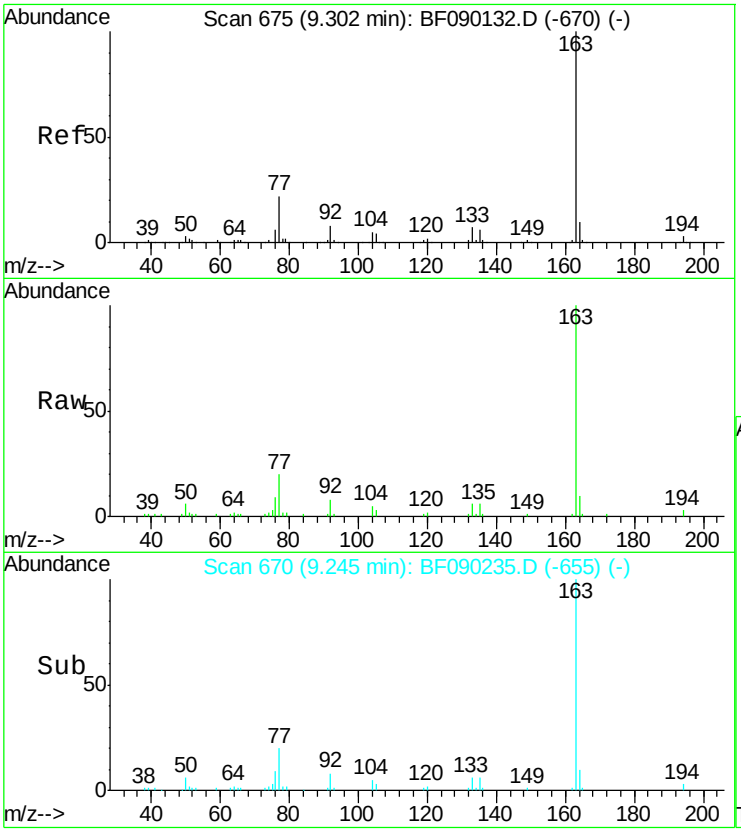


#44
2-Fluorobiphenyl
Concen: 66.87 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Tgt Ion:172 Resp: 1115596

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.6	19.8	29.8



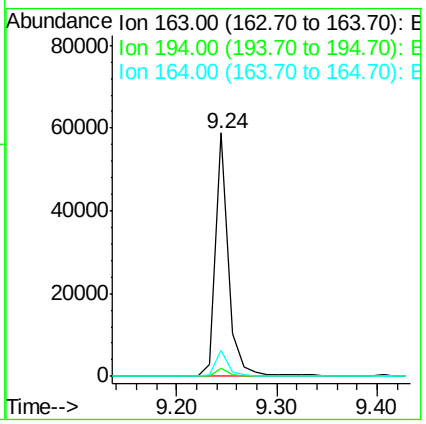


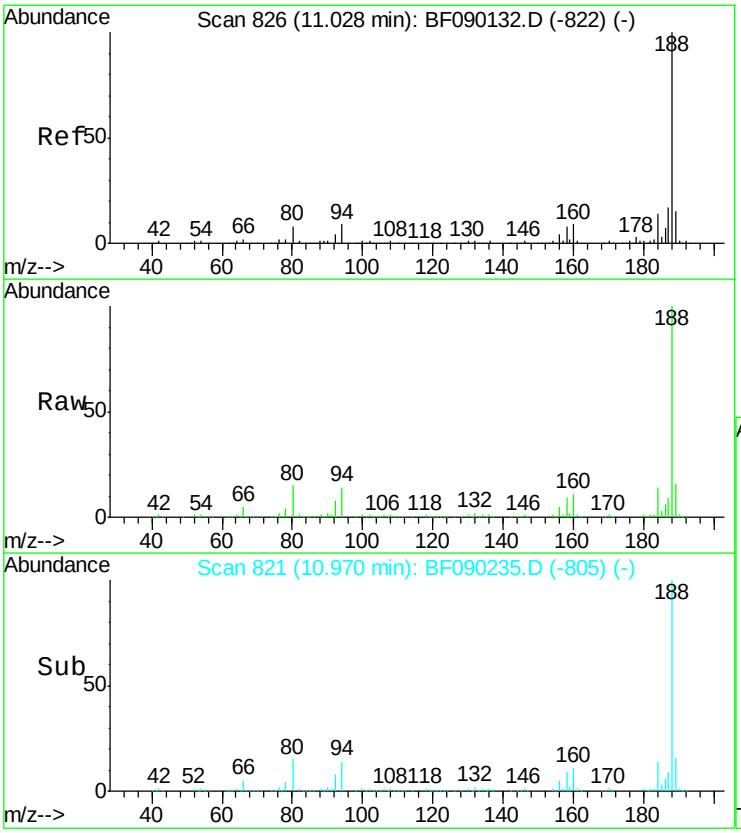
#49
Dimethylphthalate
Concen: 2.56 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion:163 Resp: 53306

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.5	8.1	12.1

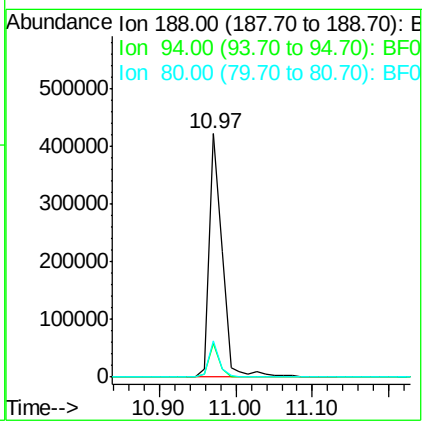


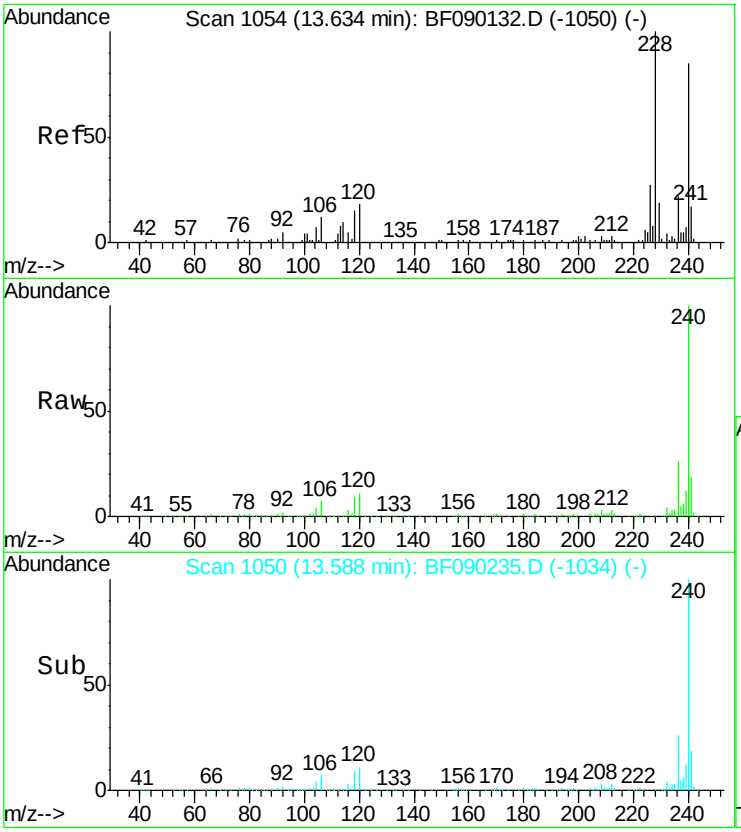


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Tgt Ion:188 Resp: 490521

Ion	Ratio	Lower	Upper
188	100		
94	14.0	10.5	15.7
80	15.0	11.2	16.8



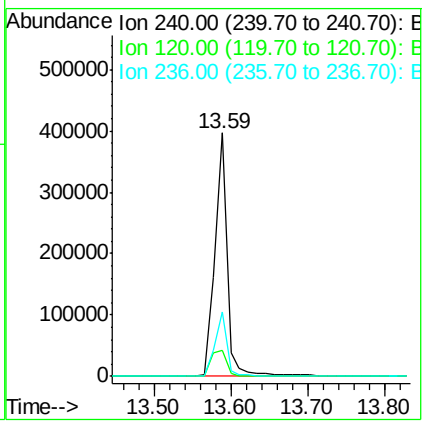


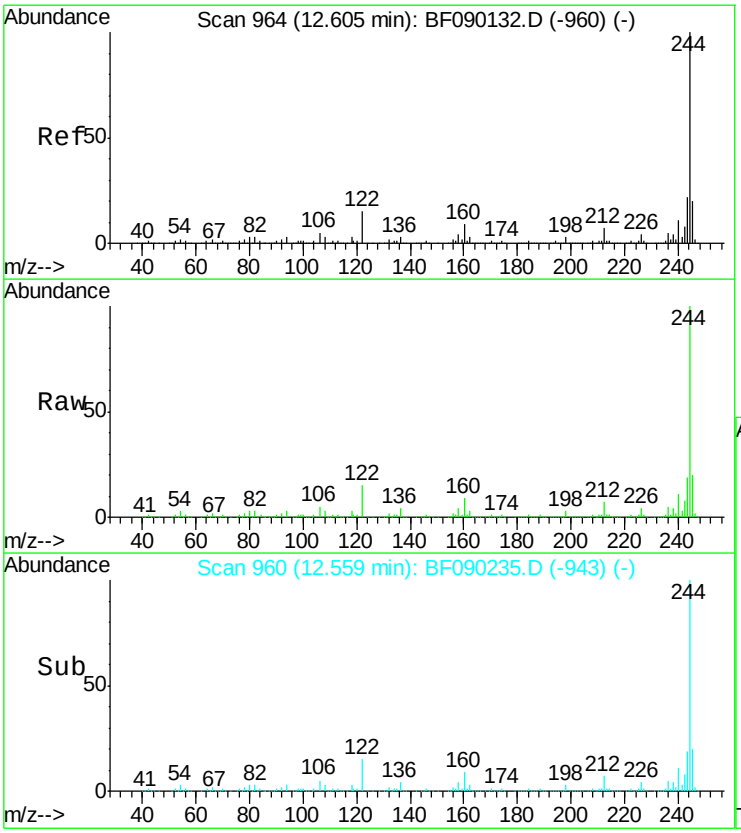
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion:240 Resp: 443757

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.6	16.0#
236	26.3	21.6	32.4

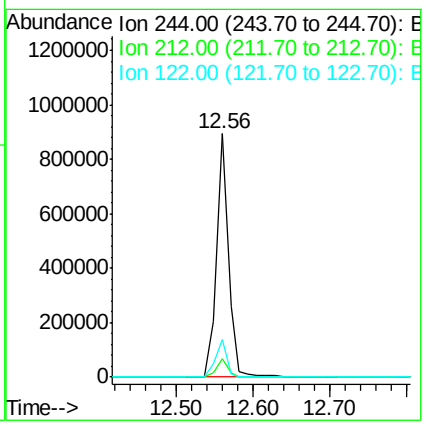


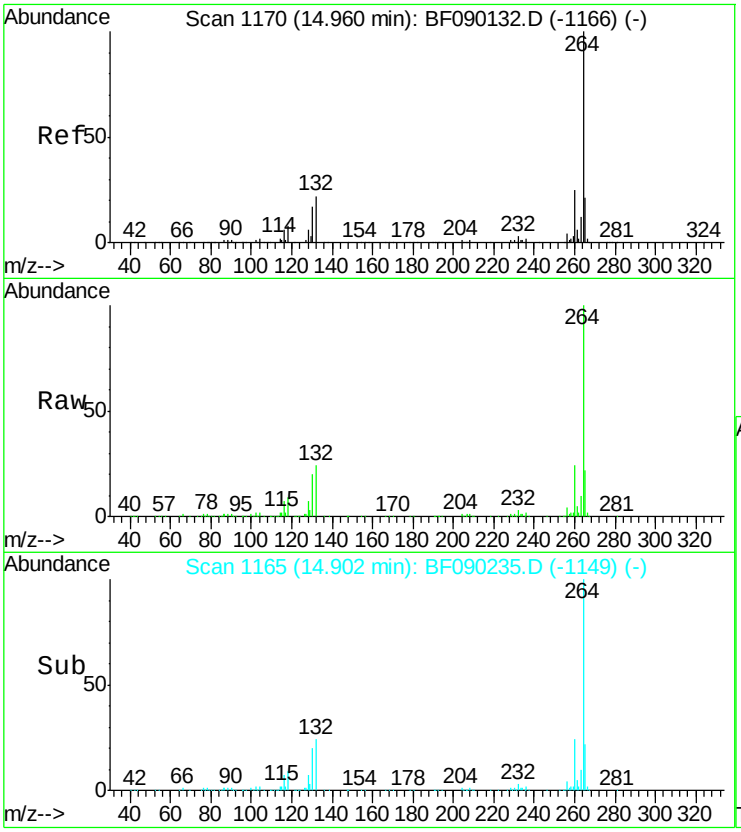


#78
Terphenyl-d14
Concen: 55.97 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Tgt Ion:244 Resp: 978351

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	15.5	9.4	14.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion:264 Resp: 332902

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.1	17.0	25.4