Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084101.D
Acq On : 25 Dec 2015 1:43
Operator : UM/SJ
Sample : G4934-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-122115

Quant Time: Dec 25 06:03:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48159	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	186457	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	92037	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	156284	20.00	ng		0.00
75) Chrysene-d12	13.95	240	118201	20.00	ng		-0.01
86) Perylene-d12	15.38	264	91128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	176635	62.18	ng		0.00
7) Phenol-d6	6.45	99	119662	34.04	ng		0.00
23) Nitrobenzene-d5	7.37	82	262559	82.43	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	122932	125.25	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	558227	82.99	ng		0.00
78) Terphenyl-d14	12.90	244	419507	64.22	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.11	128	1165346	117.47	ng		98
37) 2-Methylnaphthalene	8.80	142	317949	51.20	ng		96
49) Dimethylphthalate	9.56	163	23937	3.14	ng	#	87

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

Quantitation Report (LSC Reviewed)

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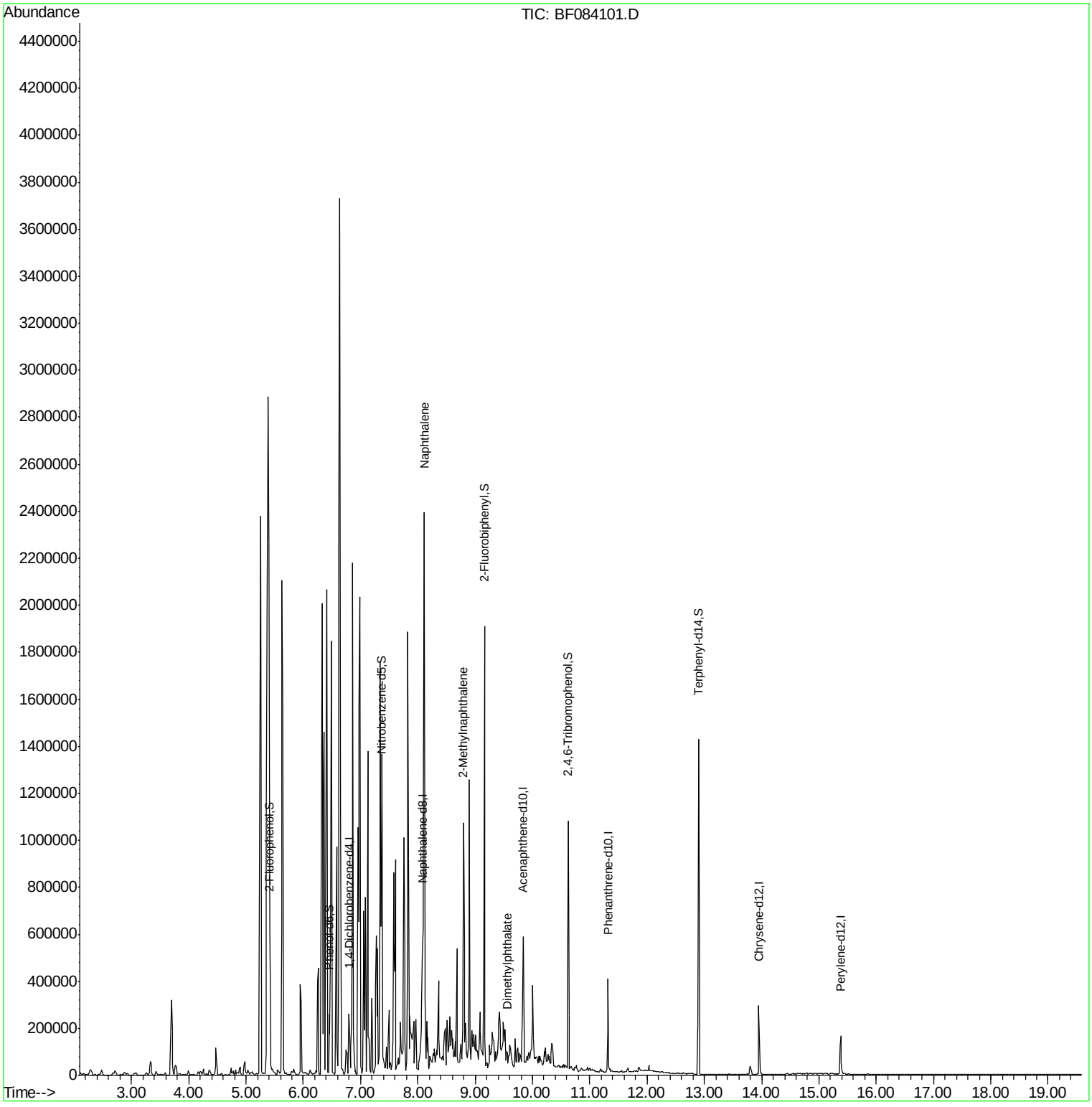
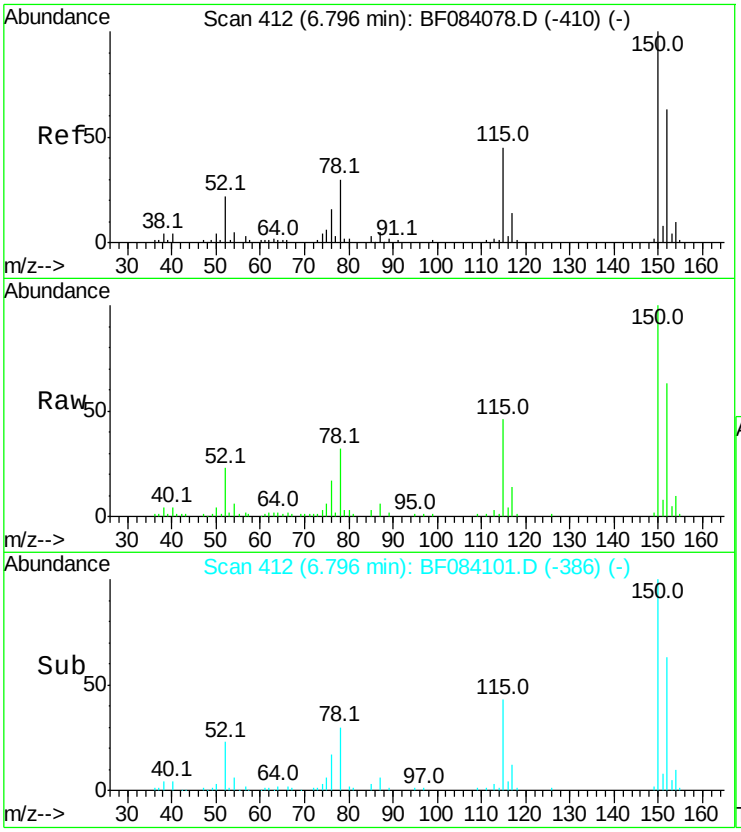


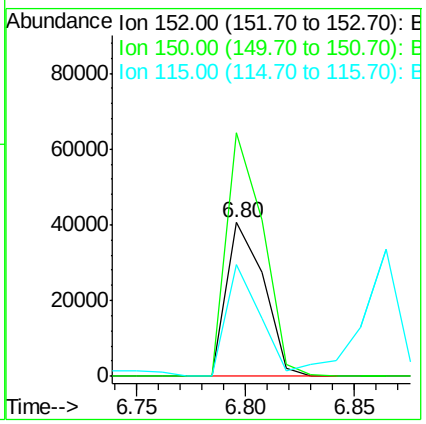


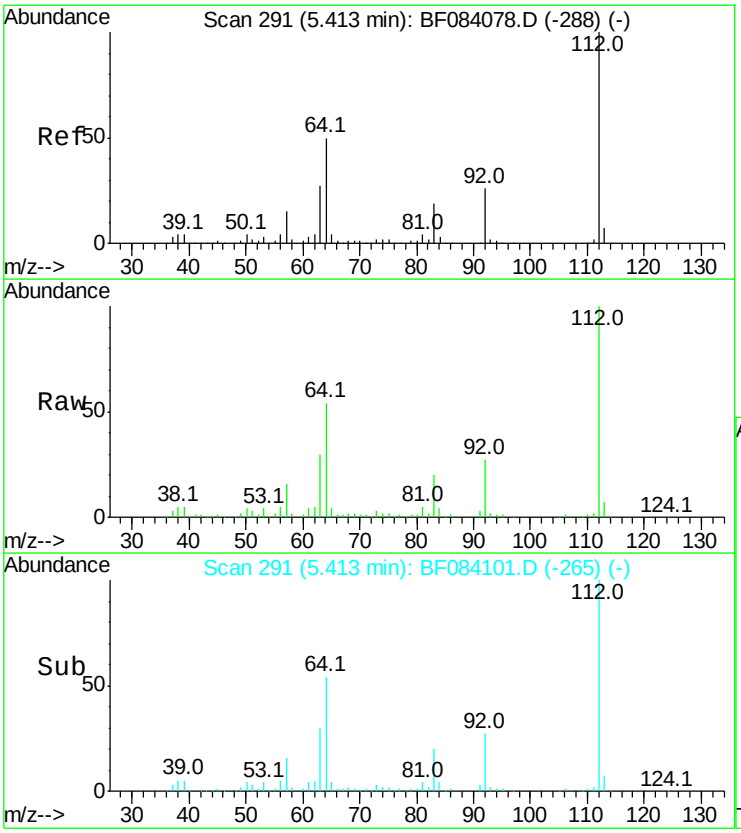
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion:152 Resp: 48159

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.0	184.4
115	72.7	51.4	77.2

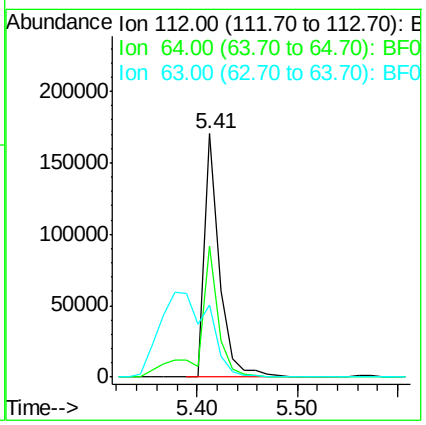


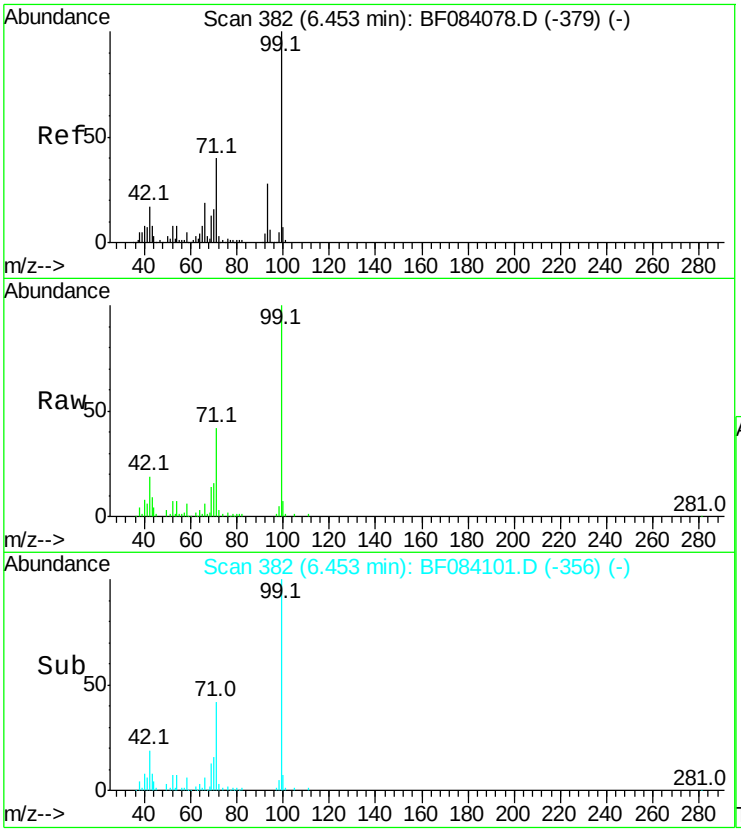


#5
2-Fluorophenol
Concen: 62.18 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:112 Resp: 176635

Ion	Ratio	Lower	Upper
112	100		
64	53.9	36.6	55.0
63	29.7	19.4	29.0#



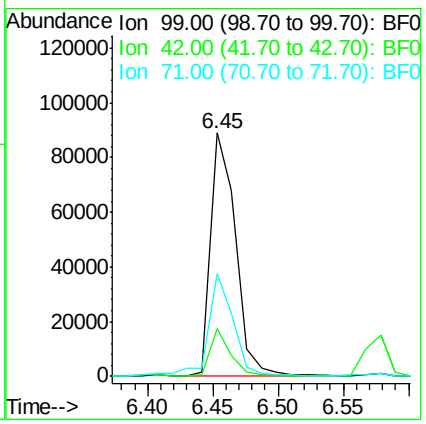


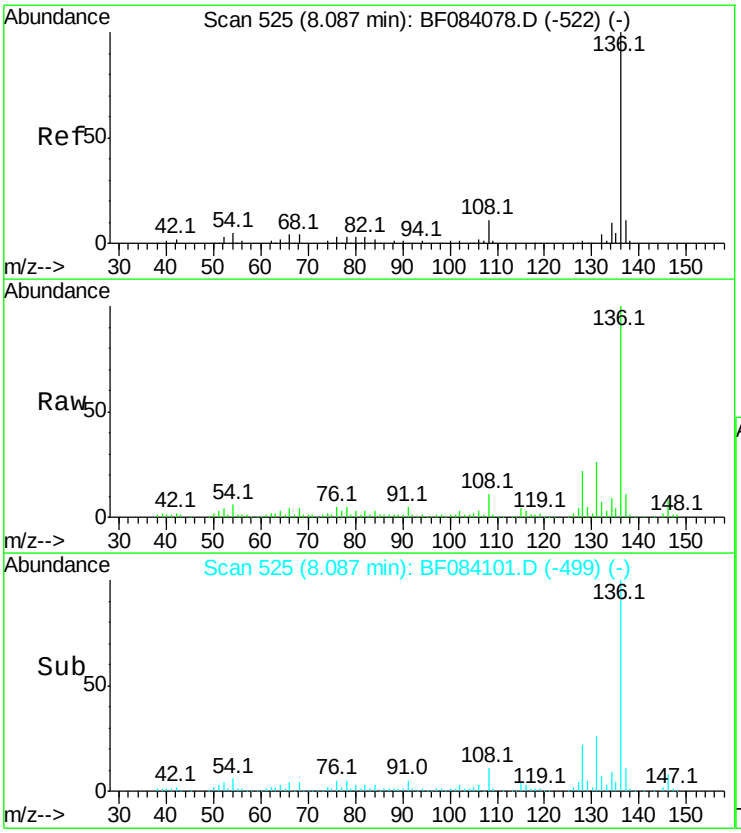
#7
Phenol-d6
Concen: 34.04 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion: 99 Resp: 119662

Ion	Ratio	Lower	Upper
99	100		
42	19.4	12.8	19.2#
71	42.2	30.9	46.3

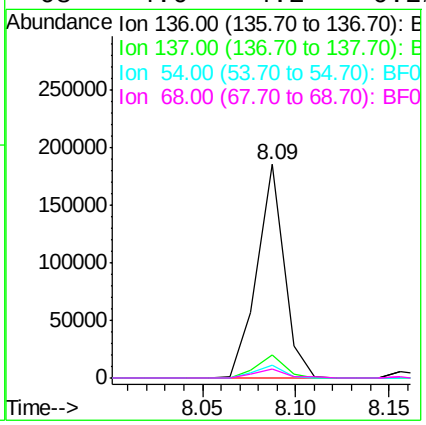


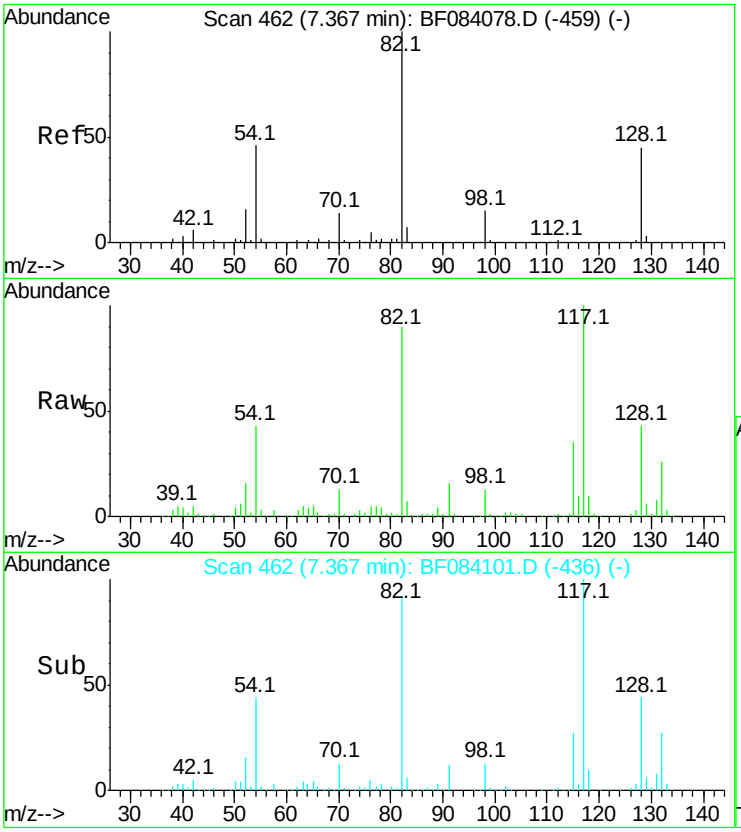


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:136 Resp: 186457

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	5.7	5.8	8.8#
68	4.0	4.2	6.2#

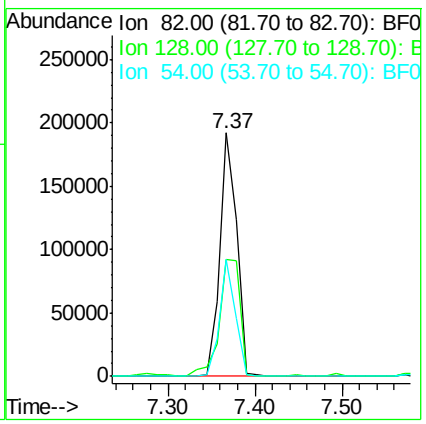




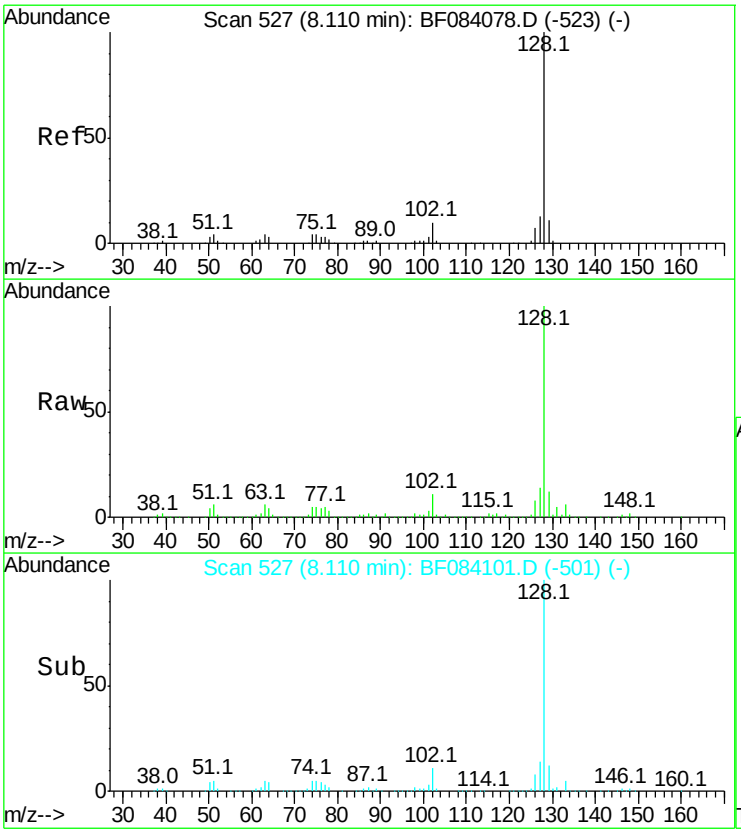
#23
Nitrobenzene-d5
Concen: 82.43 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion: 82 Resp: 262559

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.6	51.8
54	48.0	38.4	57.6



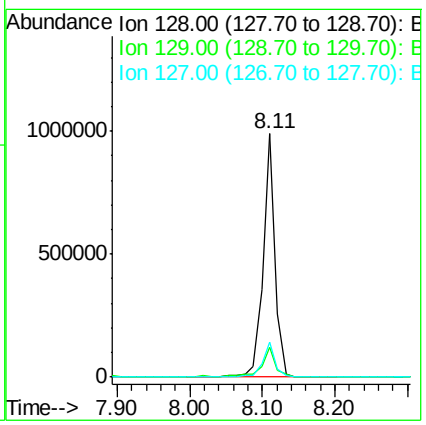
Instrument :
BNA_F
ClientSampleId :
MW-2-122115

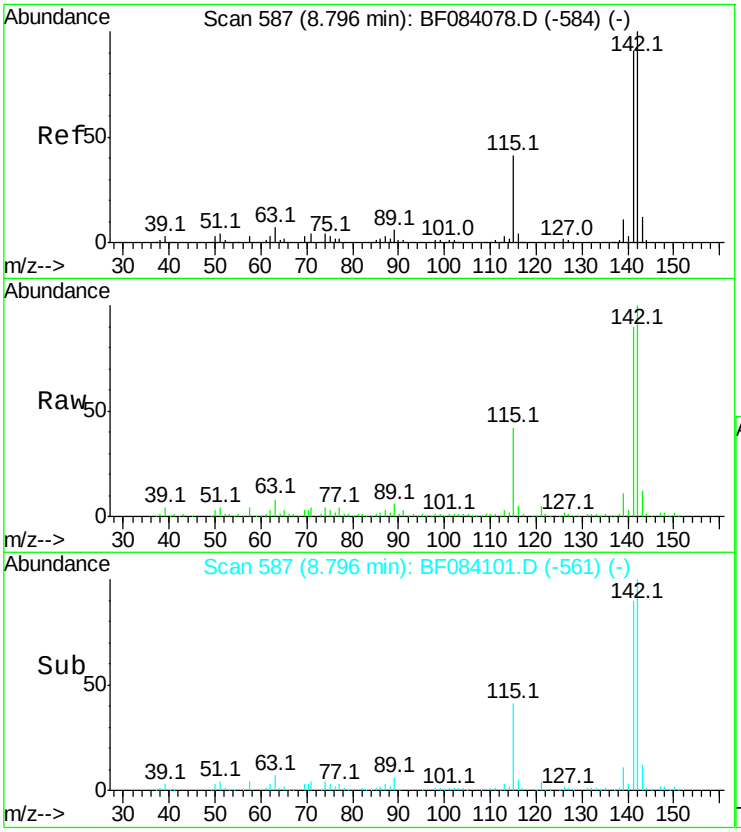


#31
Naphthalene
Concen: 117.47 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:128 Resp: 1165346

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	14.4	11.1	16.7



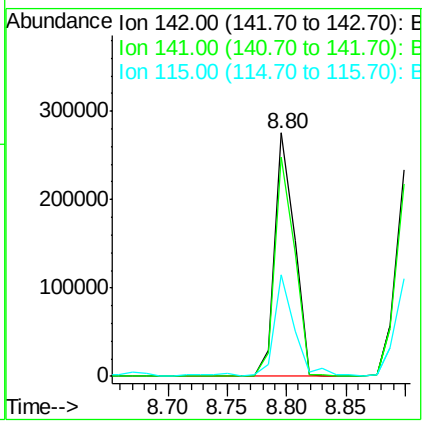


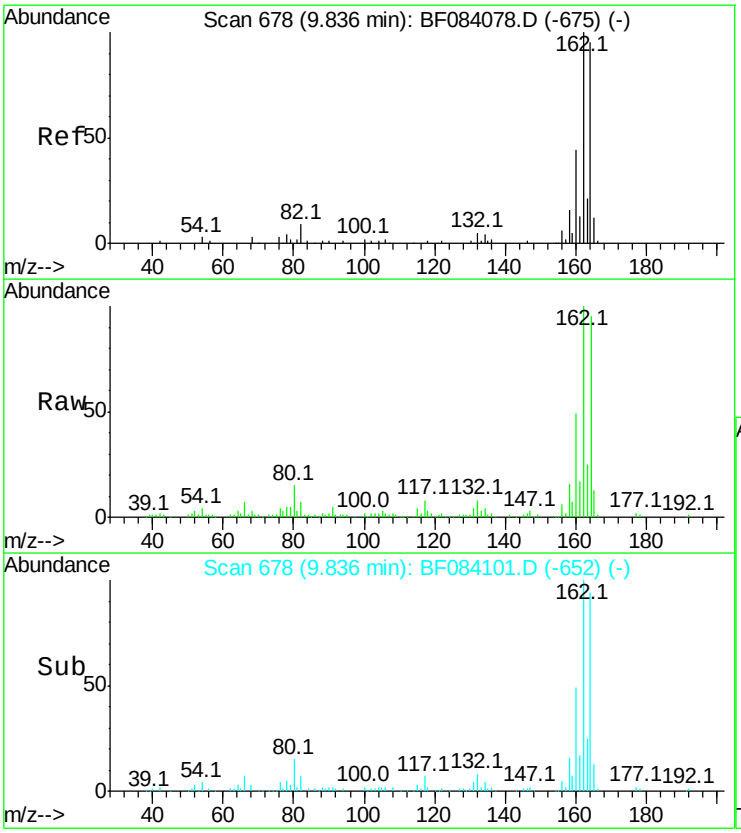
#37
2-Methylnaphthalene
Concen: 51.20 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion:142 Resp: 317949

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	41.5	27.9	41.9

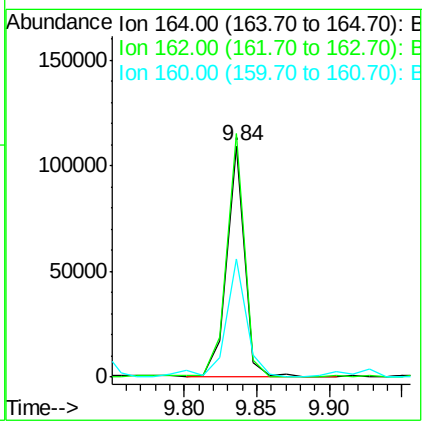


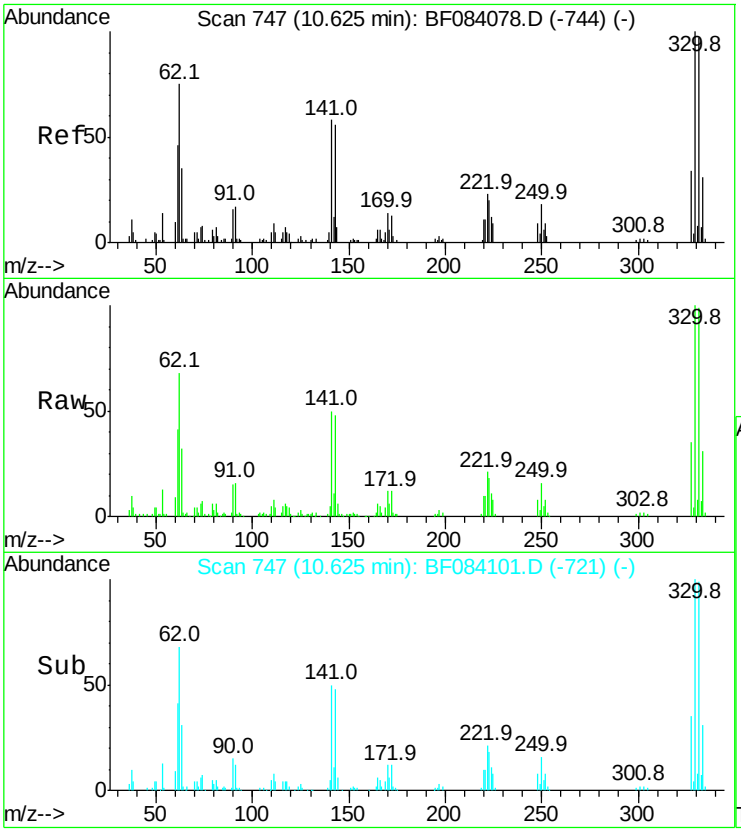


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:164 Resp: 92037

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	51.4	37.5	56.3



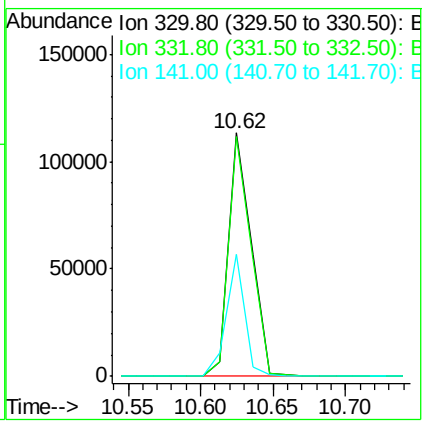


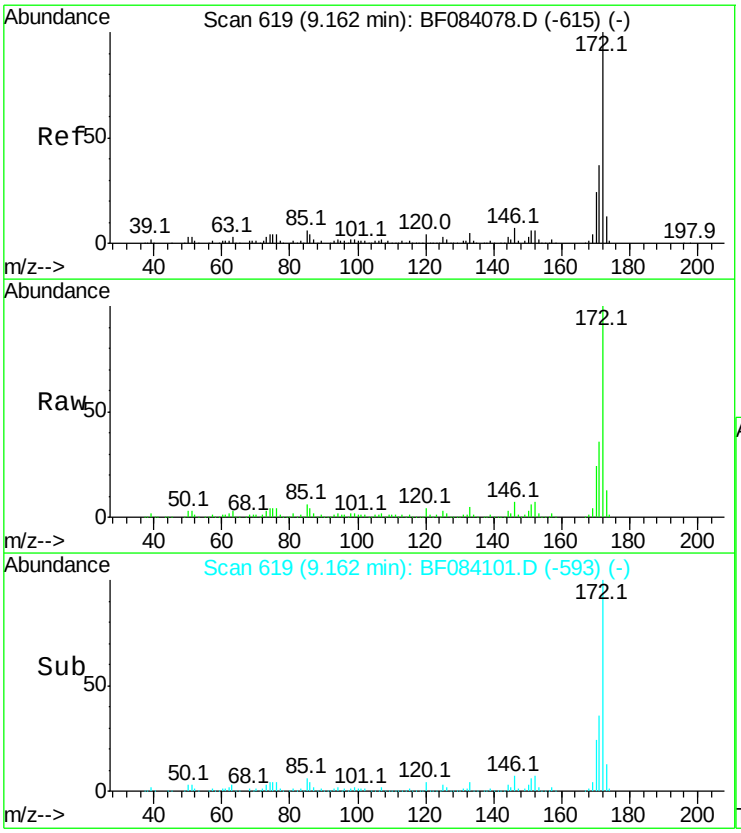
#41
2,4,6-Tribromophenol
Concen: 125.25 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion:330 Resp: 122932

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	41.2	27.8	41.6

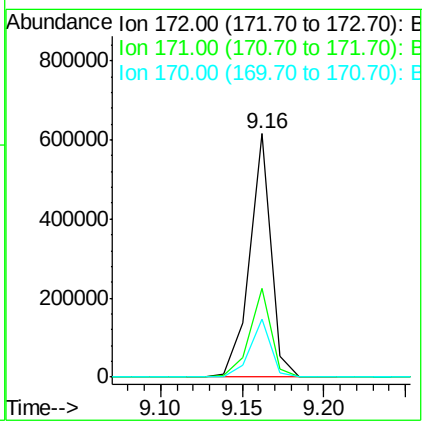


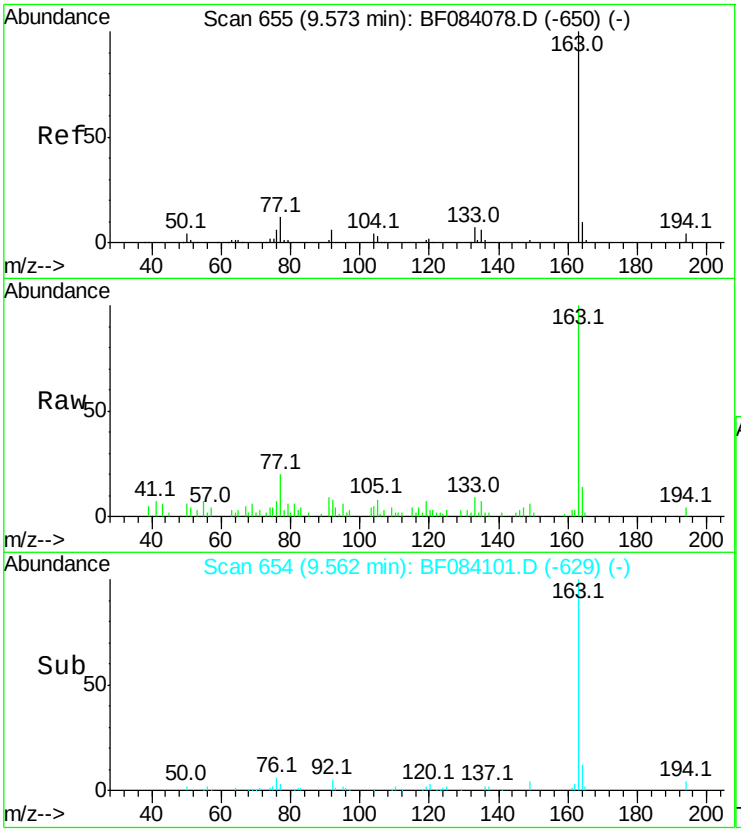


#44
2-Fluorobiphenyl
Concen: 82.99 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:172 Resp: 558227

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.9	18.6	27.8



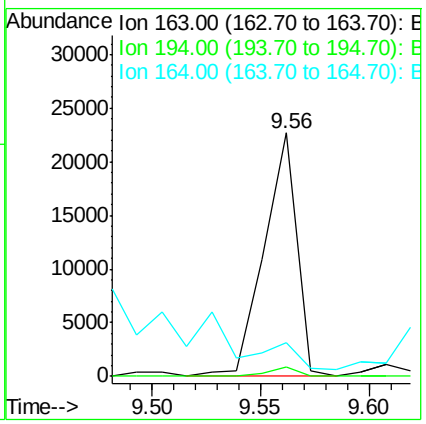


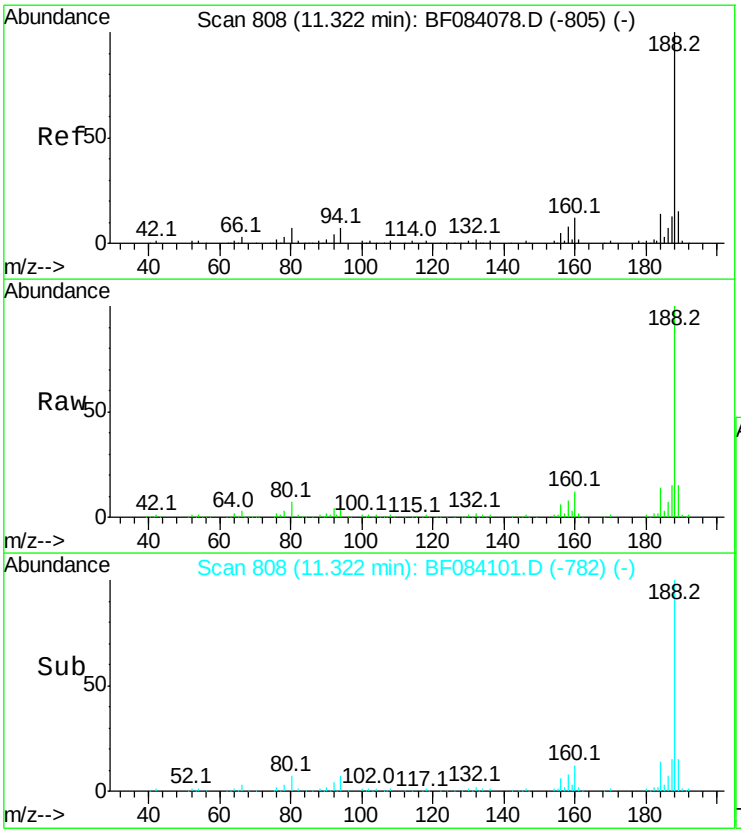
#49
Dimethylphthalate
Concen: 3.14 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion:163 Resp: 23937

Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	13.7	8.0	12.0#

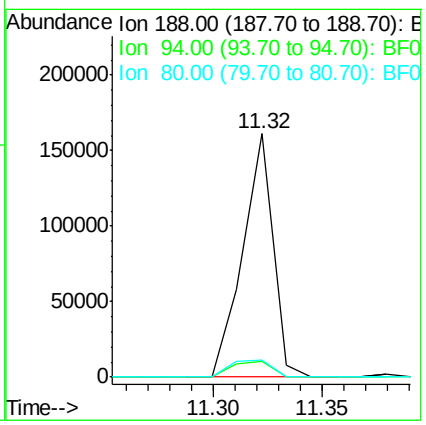


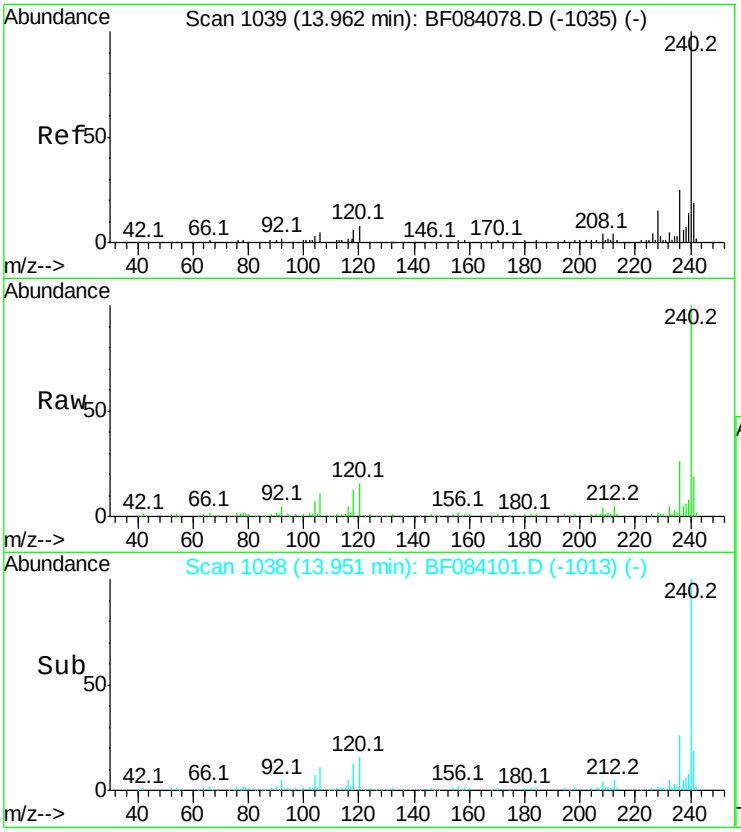


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:188 Resp: 156284

Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.4#
80	6.8	9.6	14.4#



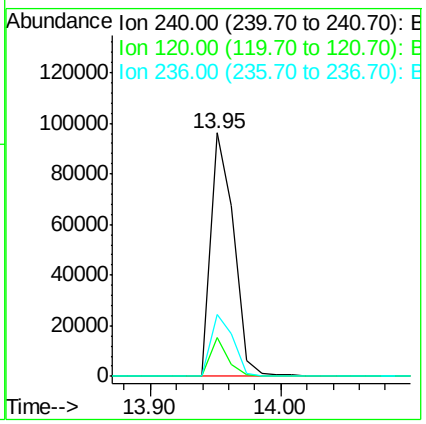


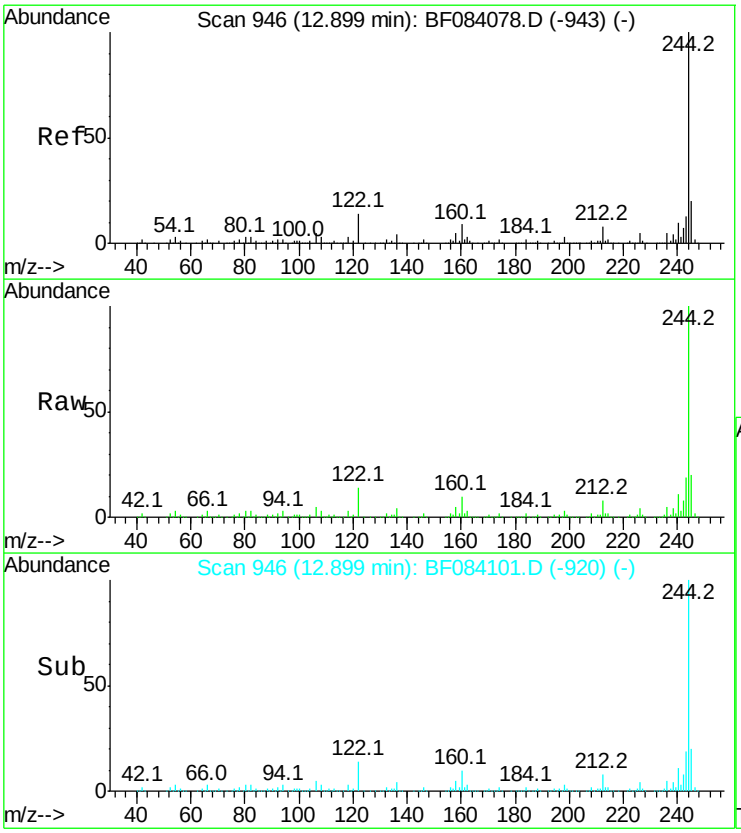
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion:240 Resp: 118201

Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	25.6	20.6	31.0

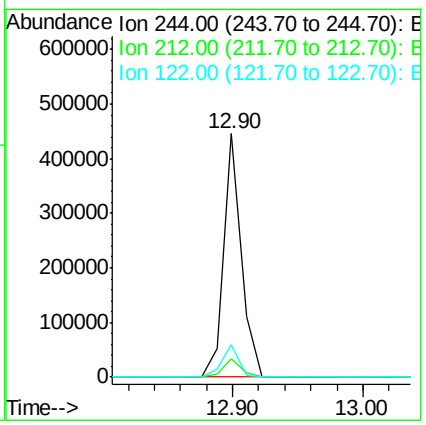


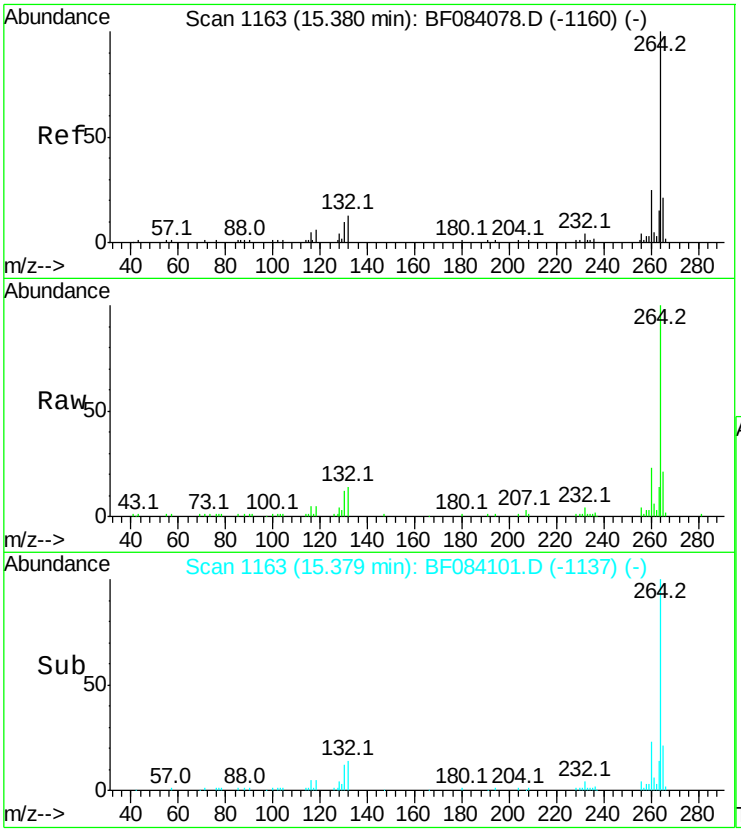


#78
Terphenyl-d14
Concen: 64.22 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:244 Resp: 419507

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	13.5	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion:264 Resp: 91128

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.3	17.8	26.6