Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122815\
Data File : BF084156.D
Acq On : 28 Dec 2015 15:31
Operator : UM/SJ
Sample : G4934-02DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-122115DL

Quant Time: Dec 29 04:20:08 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	6.78	152	51597	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	208462	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	100308	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	175890	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	131995	20.00	ng	-0.01
86) Perylene-d12	15.37	264	105086	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	99677	32.75	ng	-0.01
7) Phenol-d6	6.44	99	79281	21.05	ng	-0.01
23) Nitrobenzene-d5	7.36	82	175680	49.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	84479	78.98	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	365810	49.90	ng	-0.02
78) Terphenyl-d14	12.89	244	295254	40.48	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.09	128	791469	71.36	ng	99
37) 2-Methylnaphthalene	8.78	142	222564	32.06	ng	99

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

Quantitation Report (QT Reviewed)

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Acq On : 28 Dec 2015 15:31
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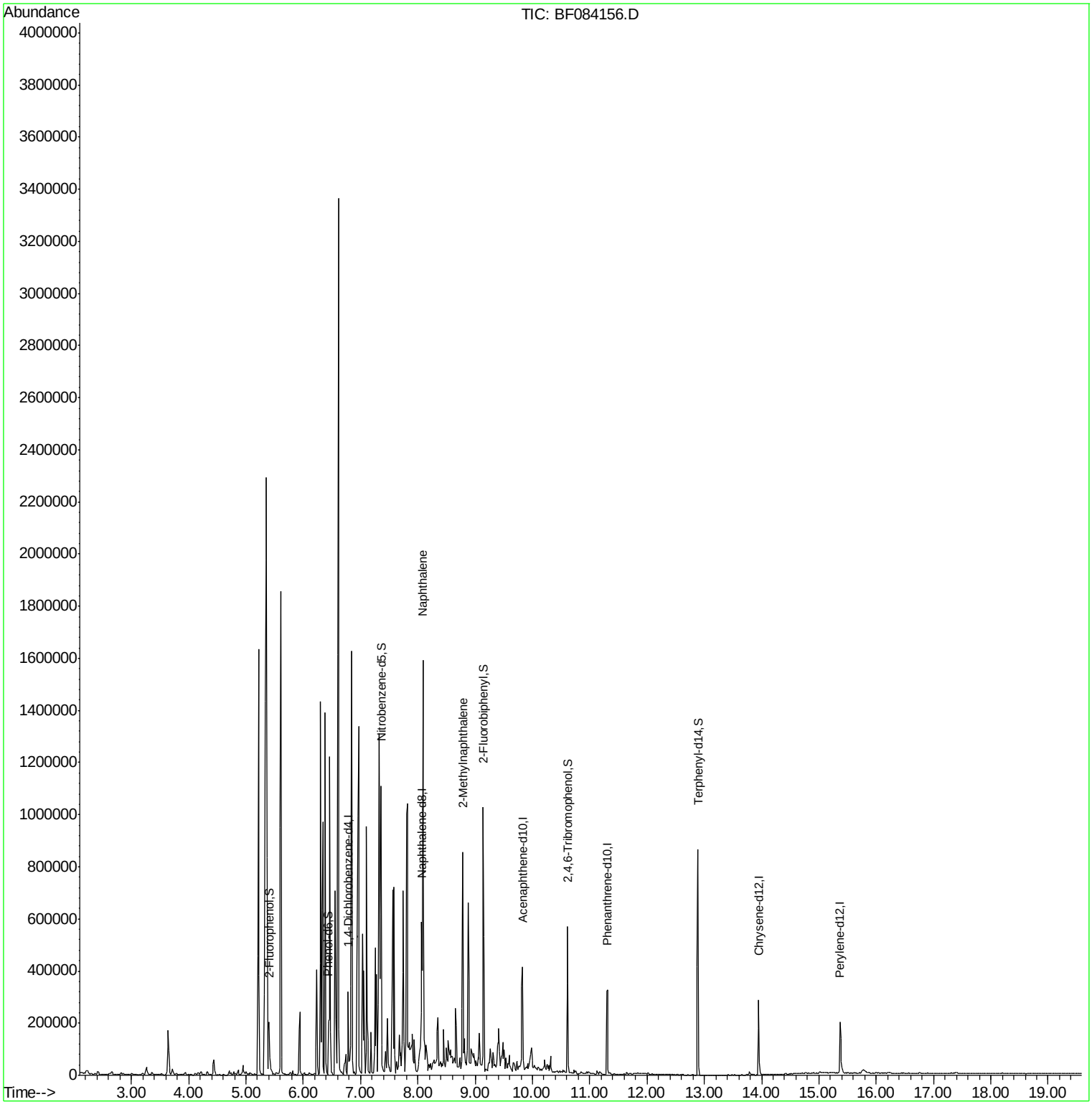
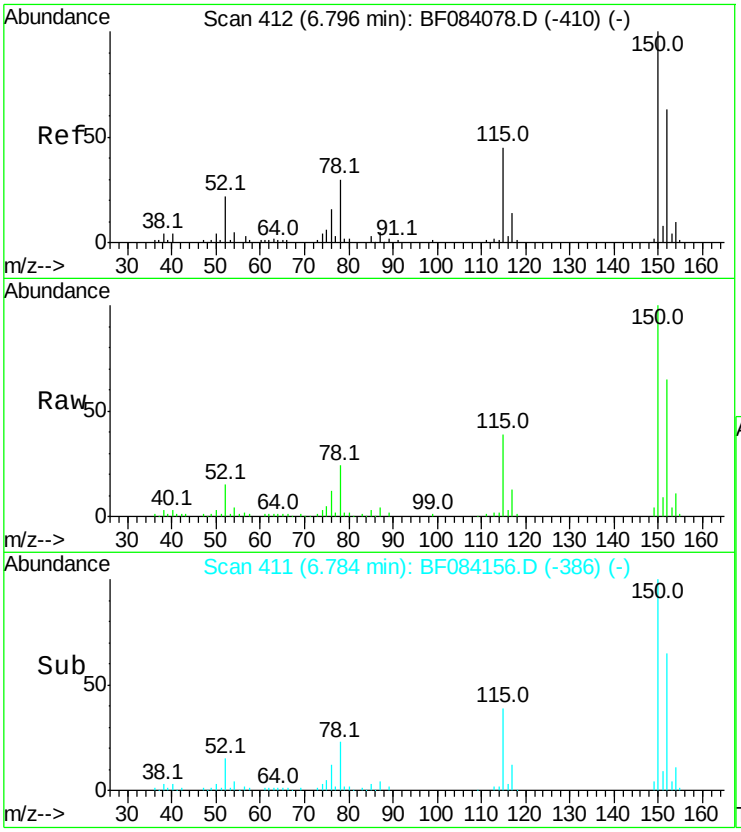


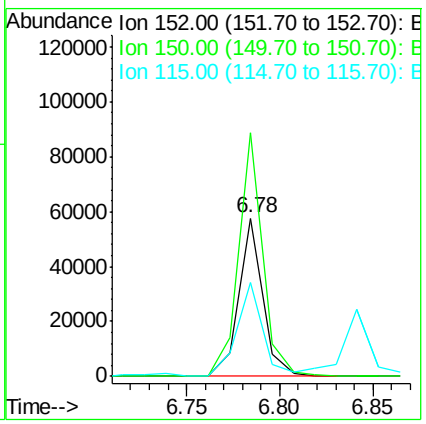


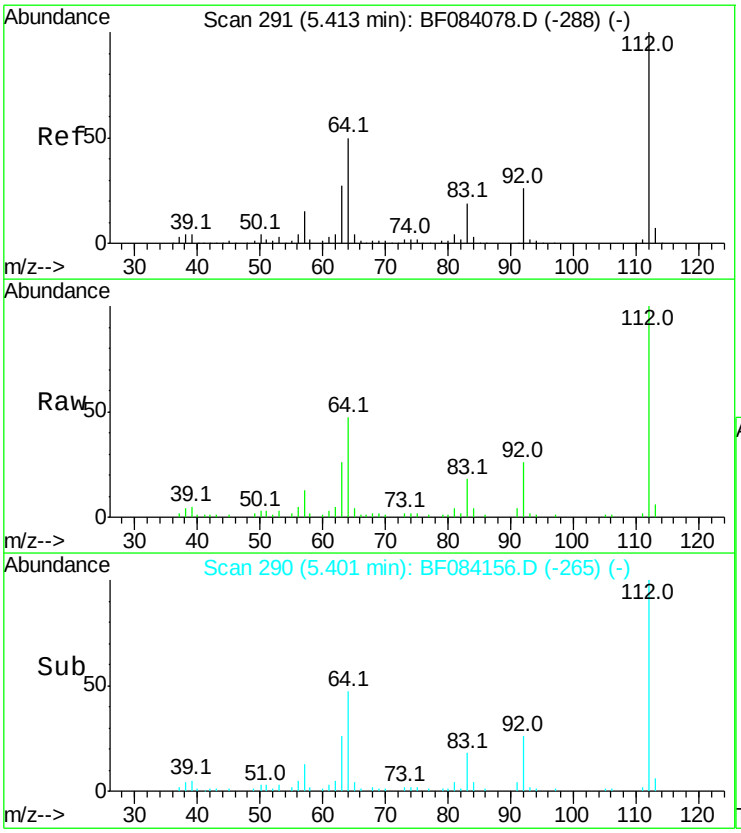
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Instrument :
BNA_F
ClientSampleId :
MW-2-122115DL

Tgt Ion:152 Resp: 51597

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	59.6	51.4	77.2

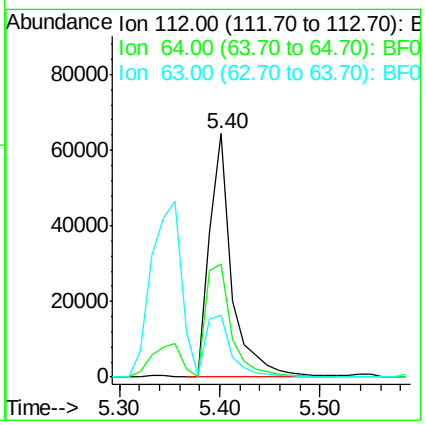


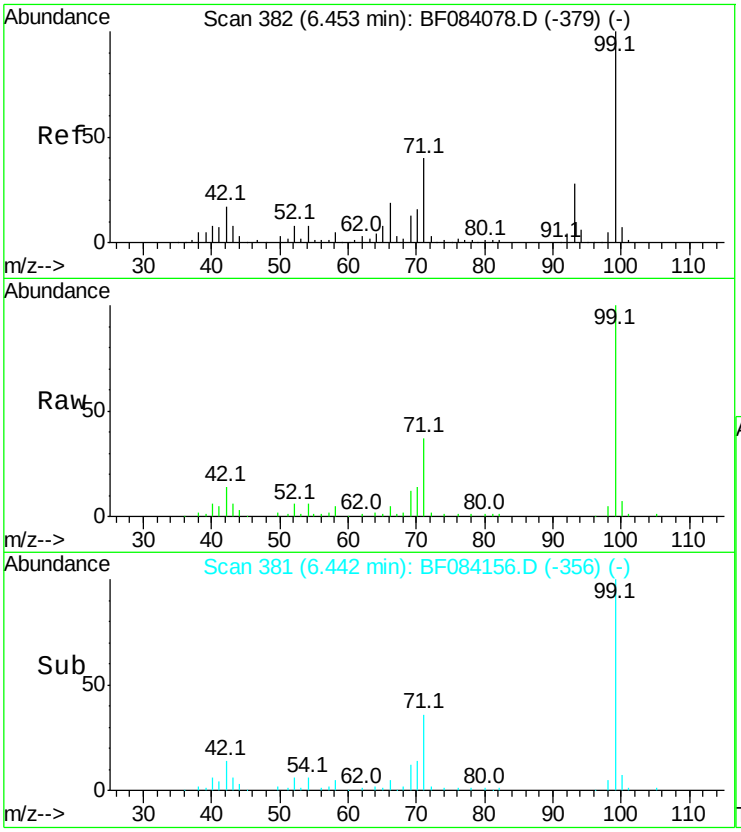


#5
2-Fluorophenol
Concen: 32.75 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Tgt Ion:112 Resp: 99677

Ion	Ratio	Lower	Upper
112	100		
64	46.6	36.6	55.0
63	25.6	19.4	29.0



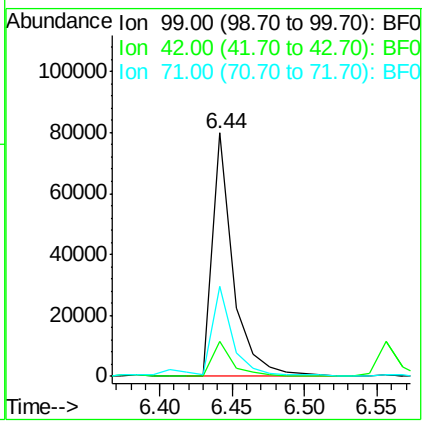


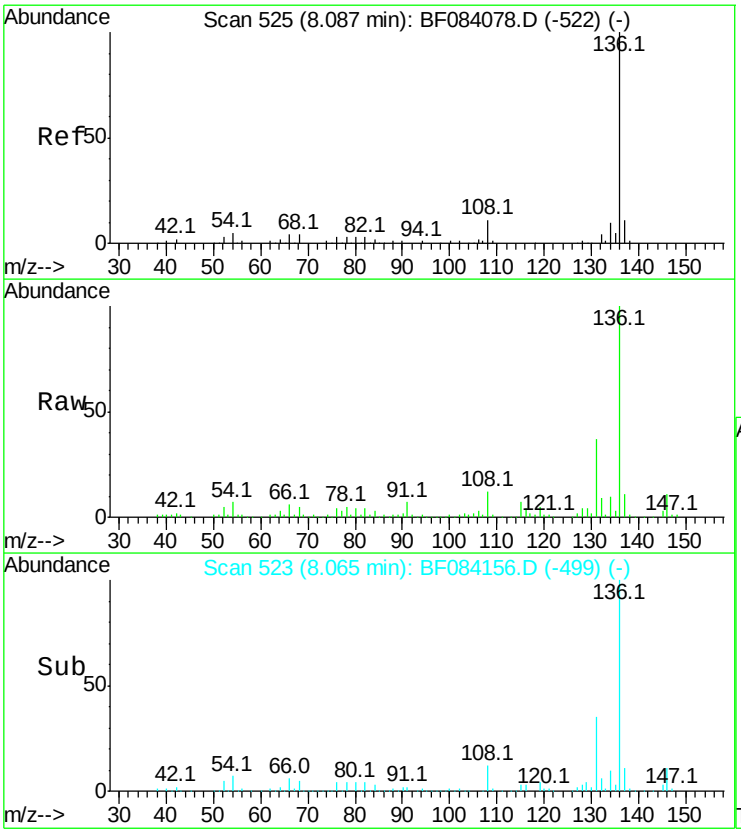
#7
Phenol-d6
Concen: 21.05 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Instrument :
BNA_F
ClientSampleId :
MW-2-122115DL

Tgt Ion: 99 Resp: 79281

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.8	19.2
71	36.9	30.9	46.3

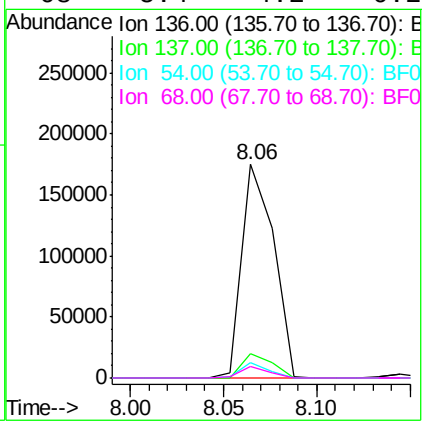


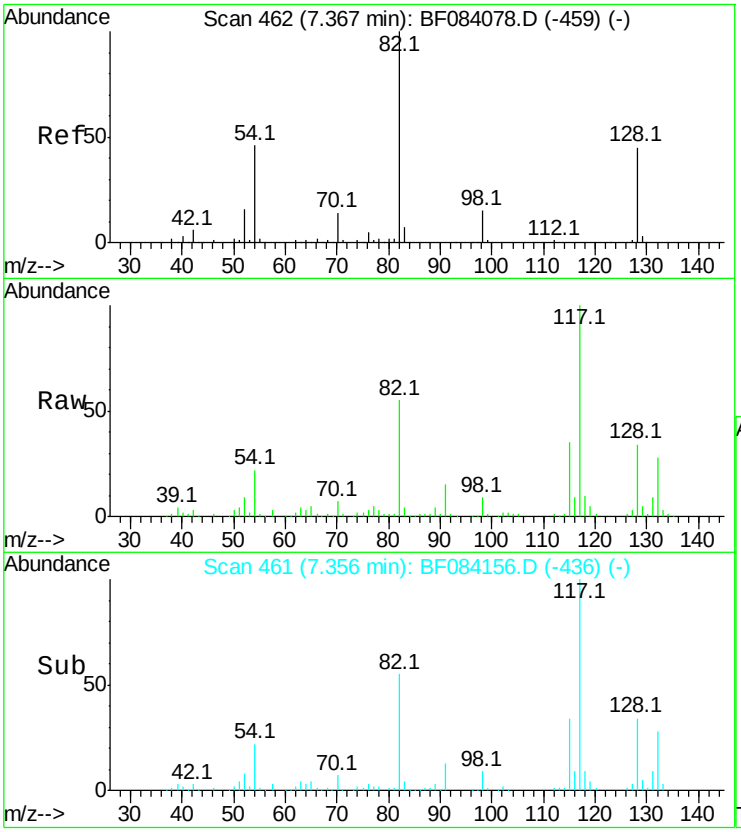


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Tgt Ion:136 Resp: 208462

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.4	5.8	8.8
68	5.4	4.2	6.2



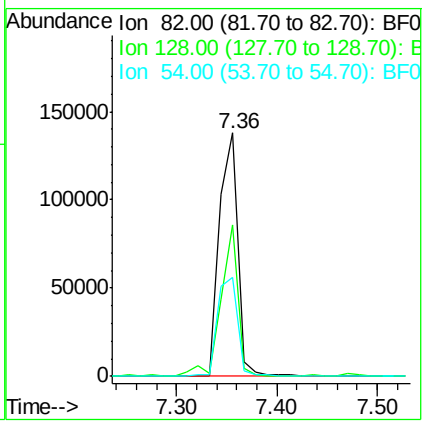


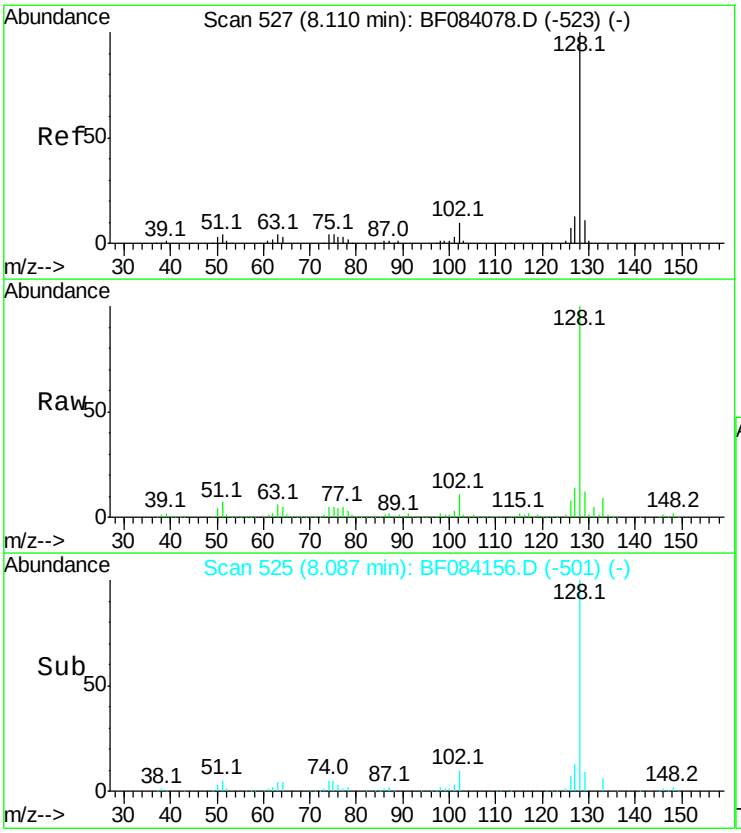
#23
Nitrobenzene-d5
Concen: 49.33 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Instrument :
BNA_F
ClientSampleId :
MW-2-122115DL

Tgt Ion: 82 Resp: 175680

Ion	Ratio	Lower	Upper
82	100		
128	62.0	34.6	51.8#
54	40.4	38.4	57.6

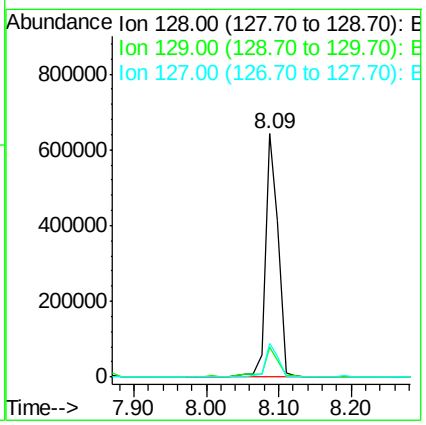


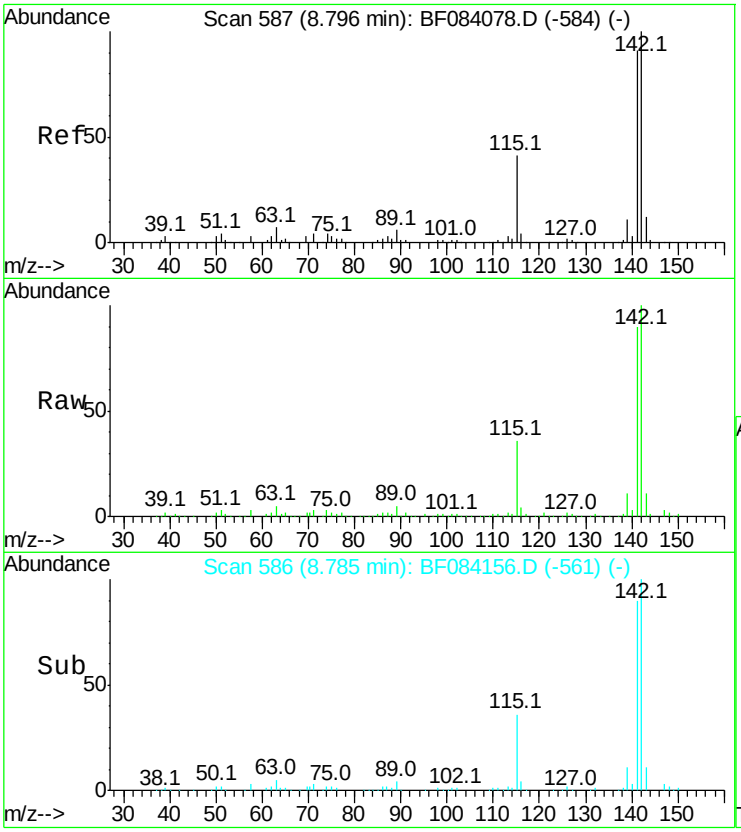


#31
Naphthalene
Concen: 71.36 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Tgt Ion:128 Resp: 791469

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	13.9	11.1	16.7



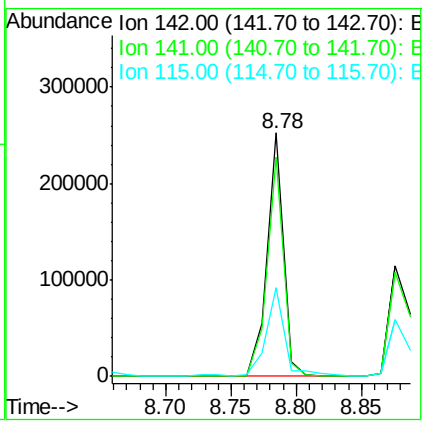


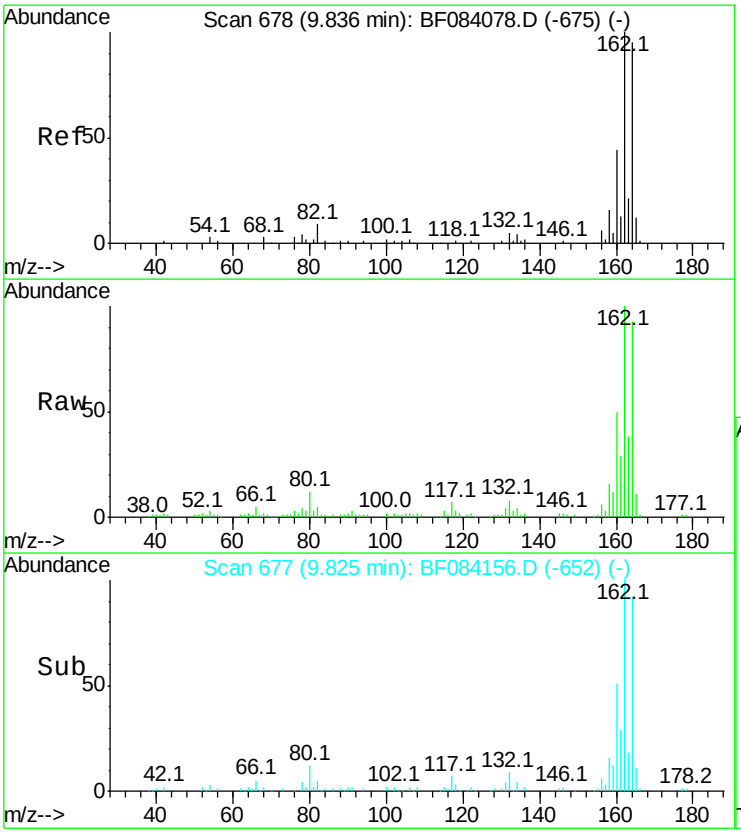
#37
2-Methylnaphthalene
Concen: 32.06 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Instrument :
BNA_F
ClientSampleId :
MW-2-122115DL

Tgt Ion:142 Resp: 222564

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.4	108.6
115	36.2	27.9	41.9

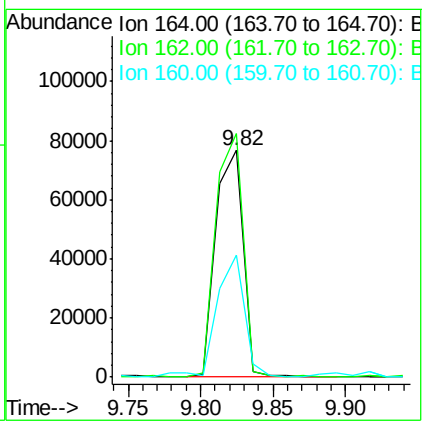


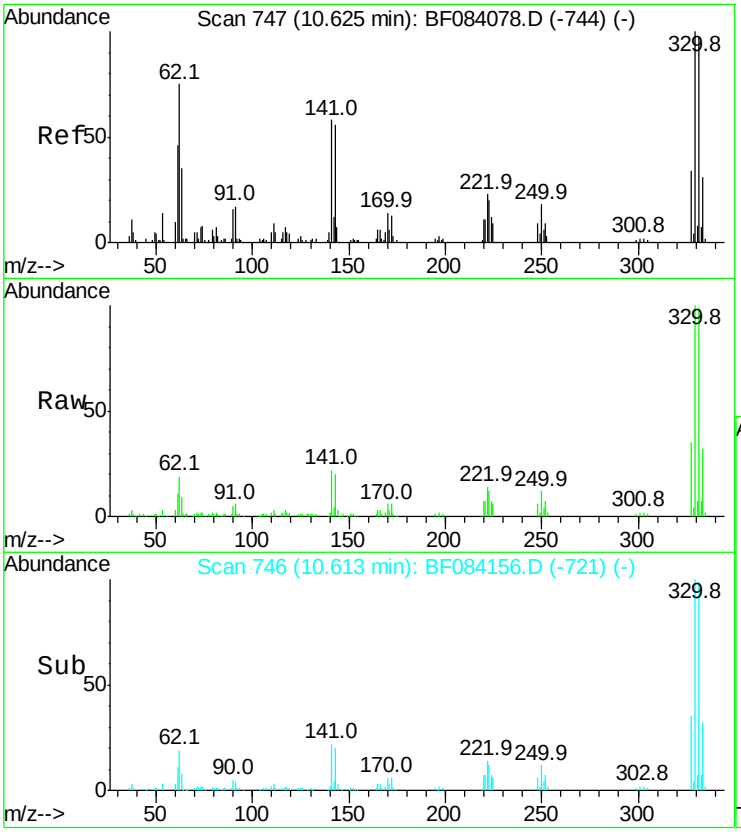


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Tgt Ion:164 Resp: 100308

Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.1	127.7
160	54.1	37.5	56.3



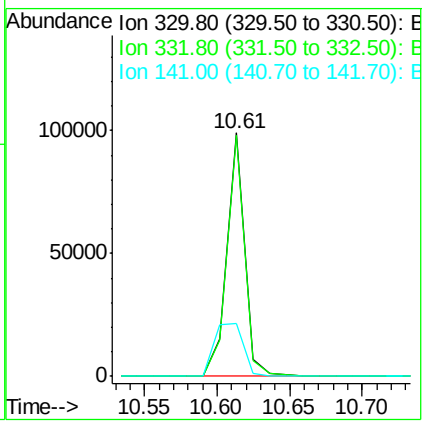


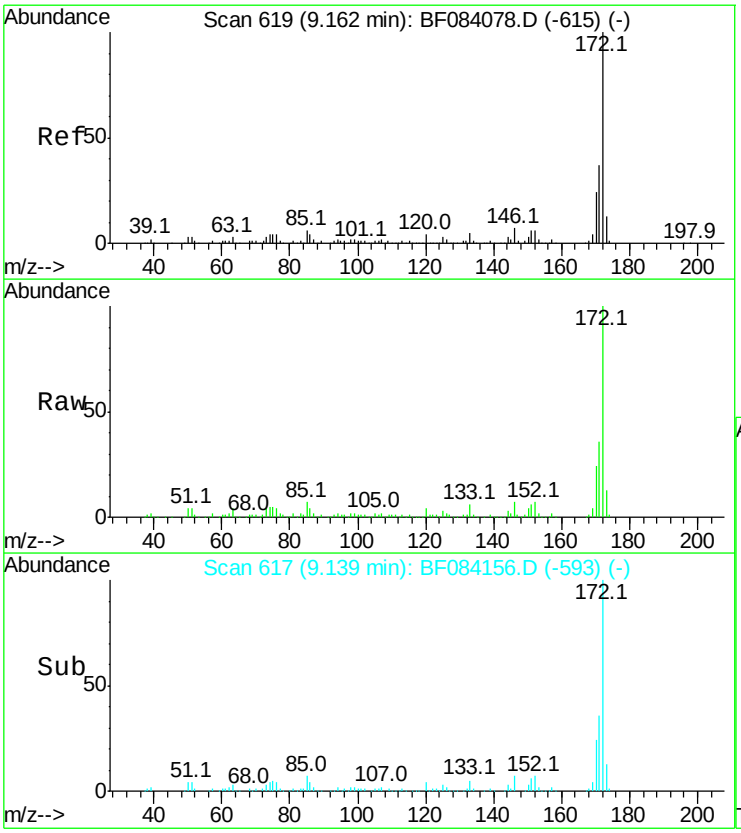
#41
2,4,6-Tribromophenol
Concen: 78.98 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Instrument :
BNA_F
ClientSampleId :
MW-2-122115DL

Tgt Ion:330 Resp: 84479

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.6	114.8
141	35.8	27.8	41.6

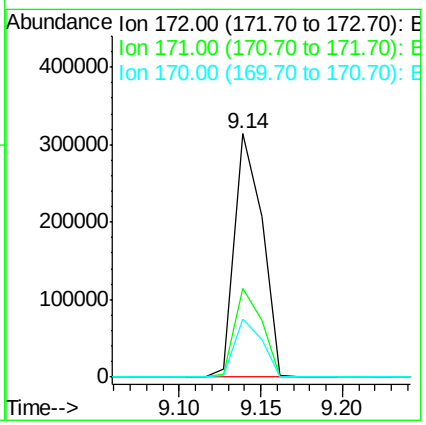


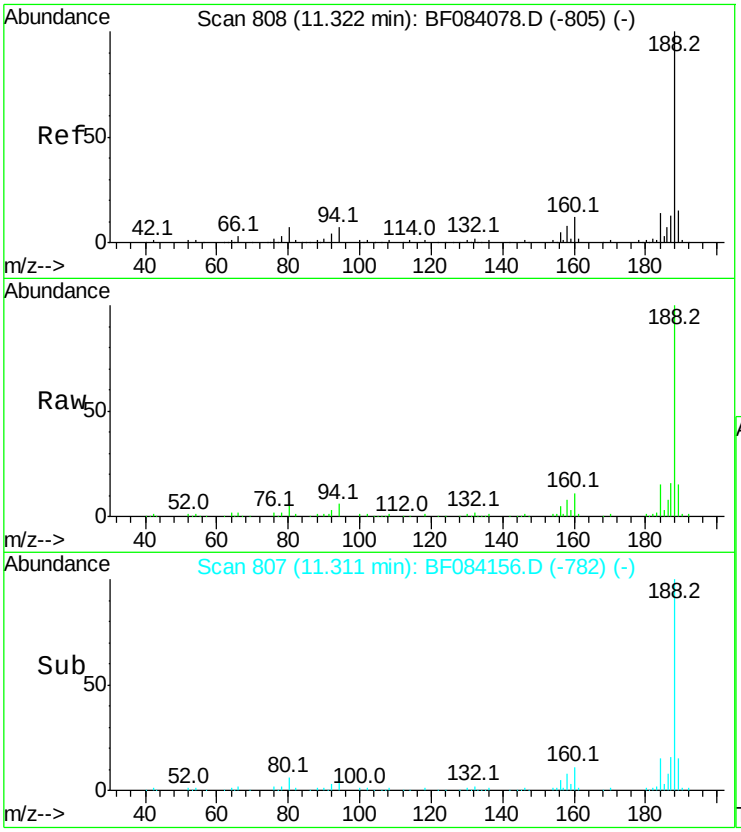


#44
2-Fluorobiphenyl
Concen: 49.90 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.02 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Tgt Ion:172 Resp: 365810

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.7	18.6	27.8



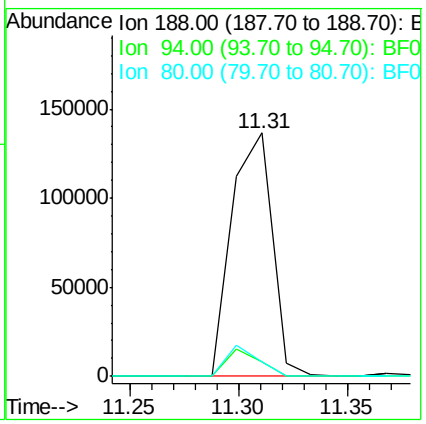


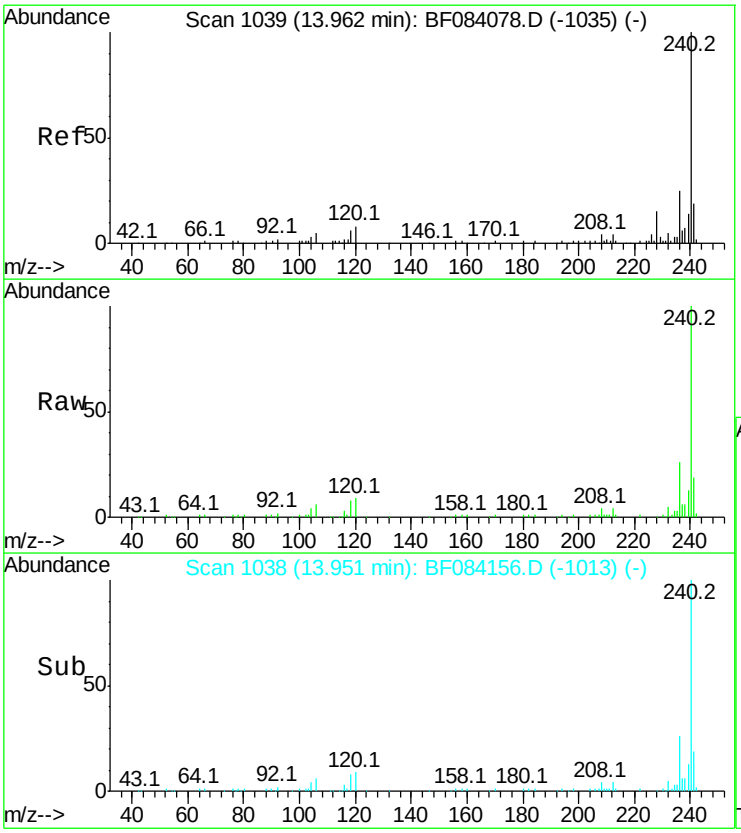
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Instrument :
BNA_F
ClientSampleId :
MW-2-122115DL

Tgt Ion:188 Resp: 175890

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.4#
80	6.2	9.6	14.4#

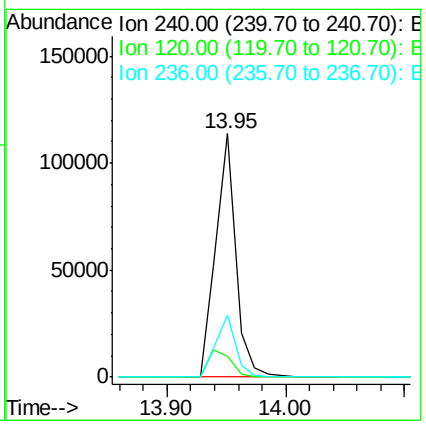


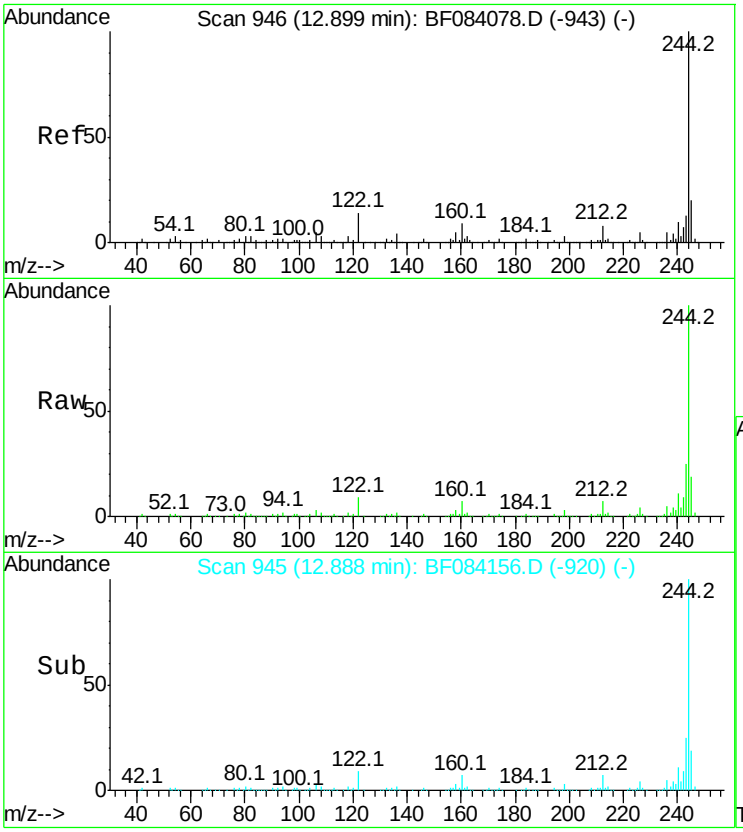


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Tgt Ion:240 Resp: 131995

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.7	20.6	31.0



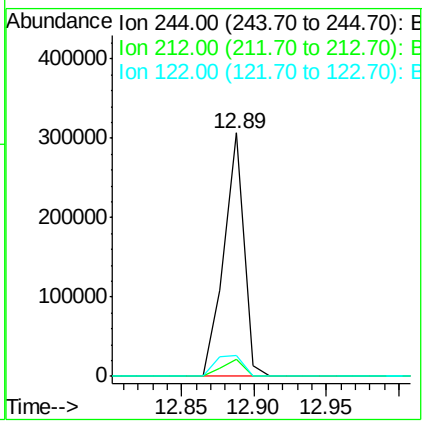


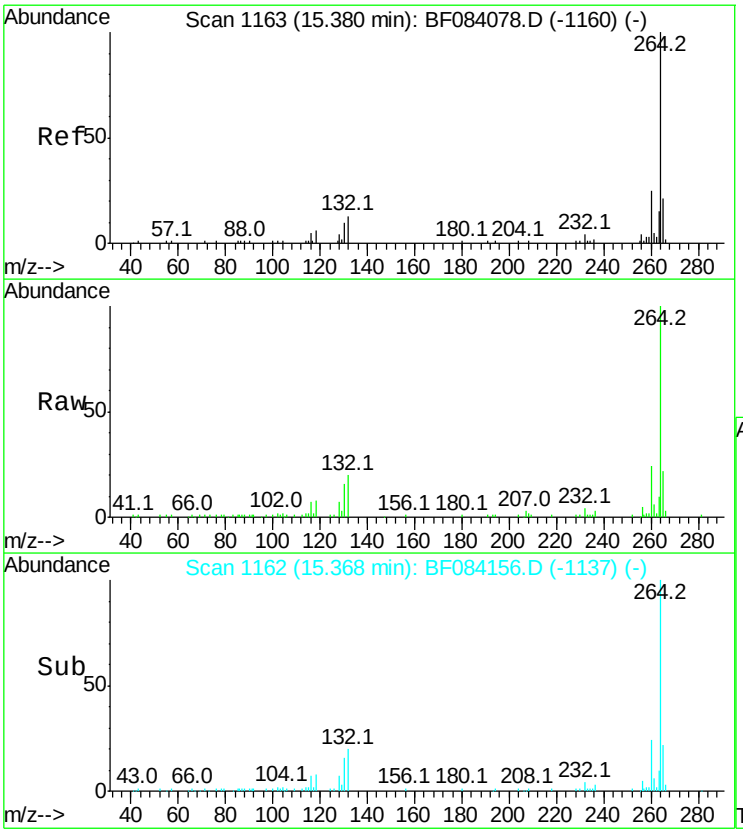
#78
Terphenyl-d14
Concen: 40.48 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Instrument :
BNA_F
ClientSampleId :
MW-2-122115DL

Tgt Ion:244 Resp: 295254

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.5	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF084156.D
Acq: 28 Dec 2015 15:31

Tgt Ion:264 Resp: 105086

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.0	17.8	26.6