Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084007.D
Acq On : 23 Dec 2015 00:05
Operator : UM/SJ
Sample : G4894-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Time: Dec 23 02:45:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40986	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	171643	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	81865	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	159567	20.00	ng	0.00
75) Chrysene-d12	13.99	240	156022	20.00	ng	-0.01
86) Perylene-d12	15.41	264	126619	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	156083	64.93	ng	0.01
7) Phenol-d6	6.46	99	121019	42.82	ng	-0.01
23) Nitrobenzene-d5	7.39	82	250581	89.68	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	128144	162.74	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	559115	91.92	ng	0.00
78) Terphenyl-d14	12.93	244	554034	84.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	5103	4.46	ng	# 92
49) Dimethylphthalate	9.58	163	37347	5.83	ng	# 91

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

Quantitation Report (QT/LSC Reviewed)

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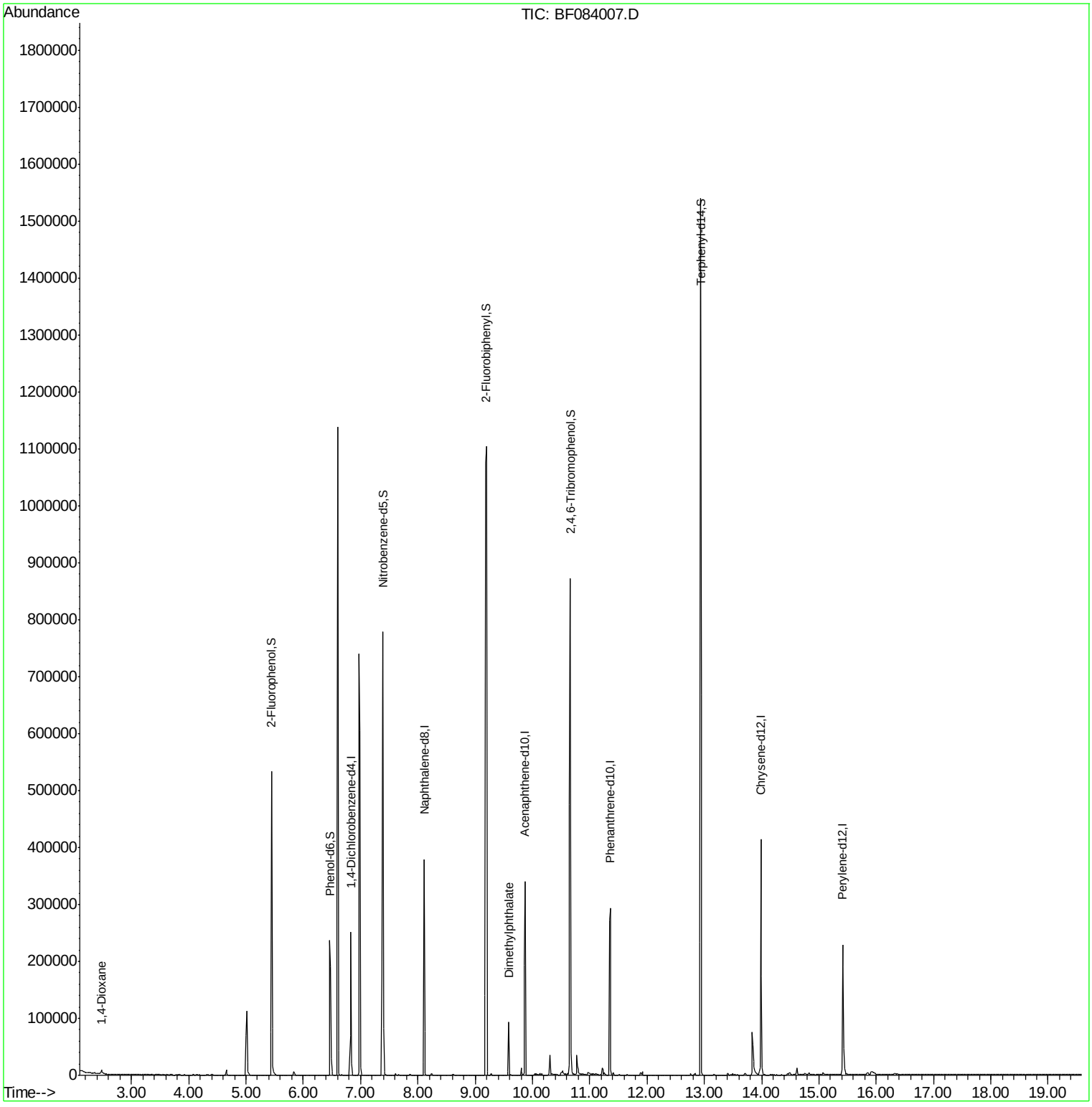
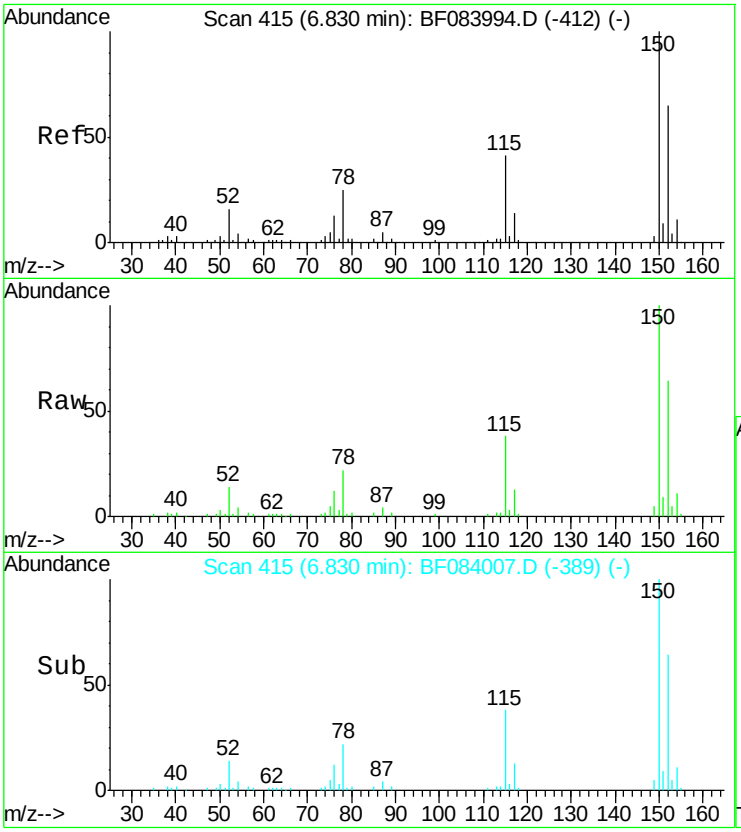


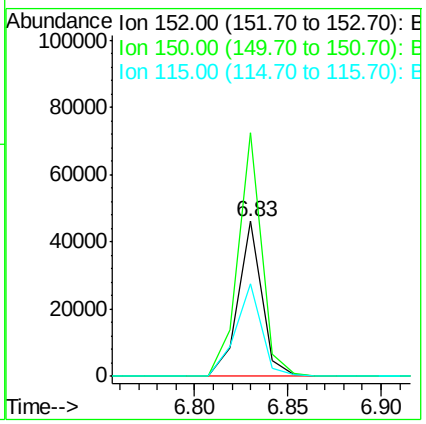


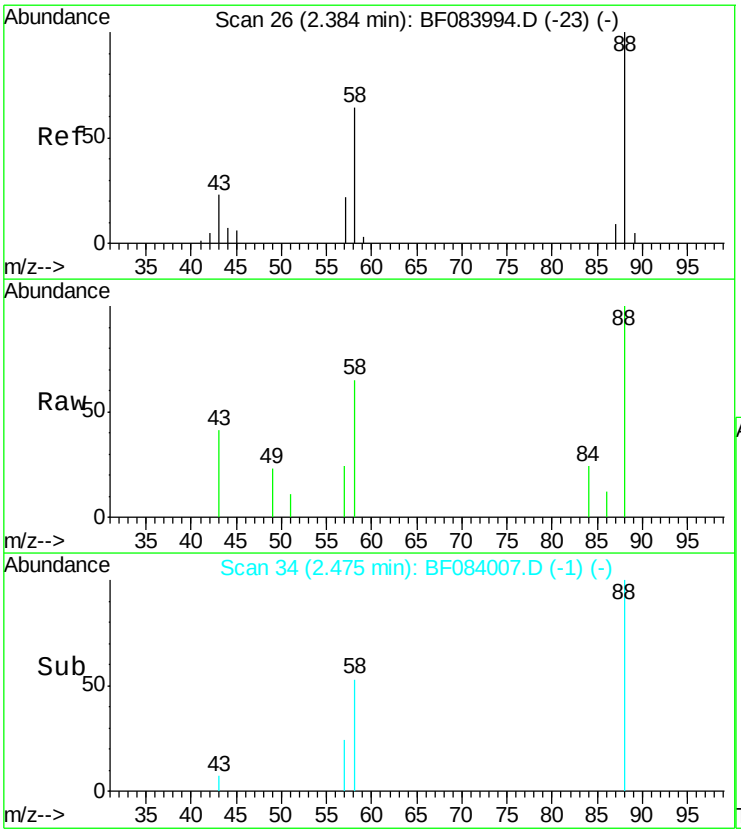
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 40986

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.0	184.4
115	59.5	51.4	77.2

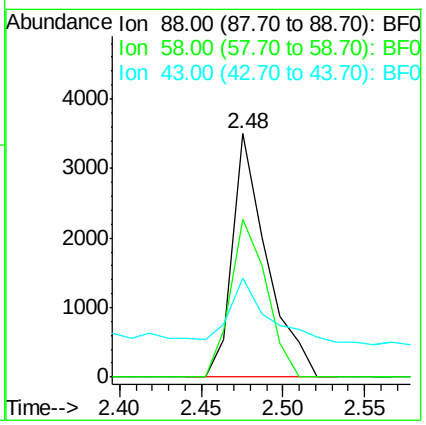


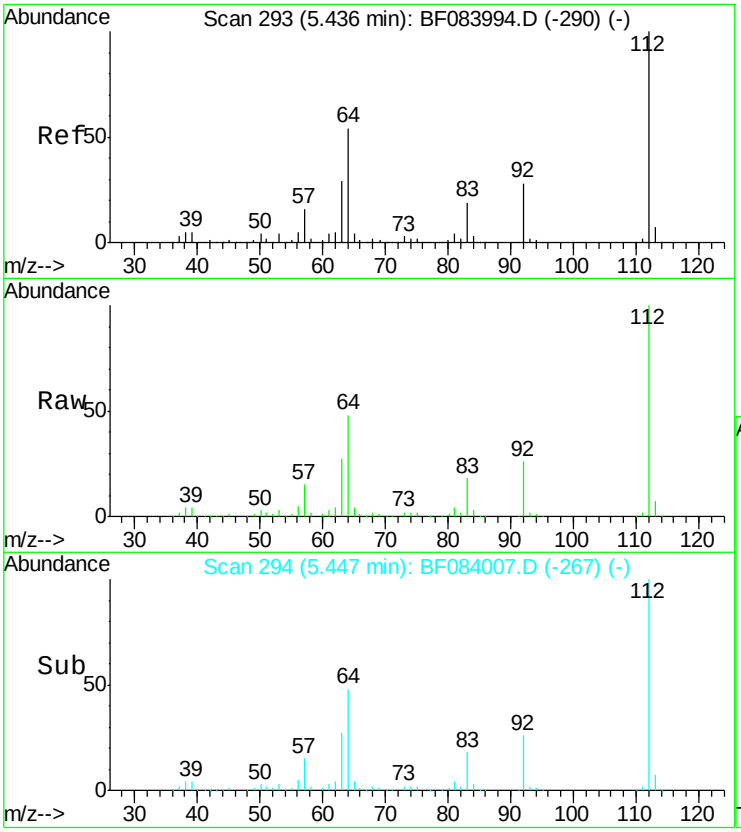


#2
1,4-Dioxane
Concen: 4.46 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.09 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Tgt Ion: 88 Resp: 5103

Ion	Ratio	Lower	Upper
88	100		
58	67.4	51.2	76.8
43	33.5	19.5	29.3#



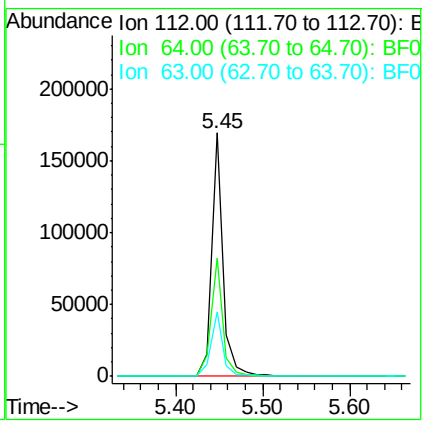


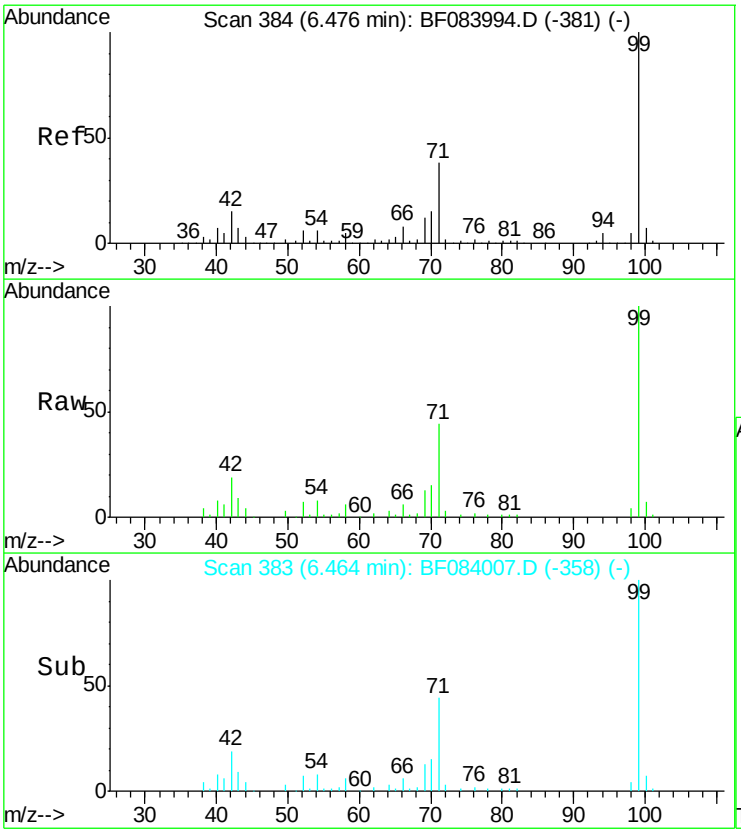
#5
2-Fluorophenol
Concen: 64.93 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:112 Resp: 156083

Ion	Ratio	Lower	Upper
112	100		
64	48.5	36.6	55.0
63	26.5	19.4	29.0

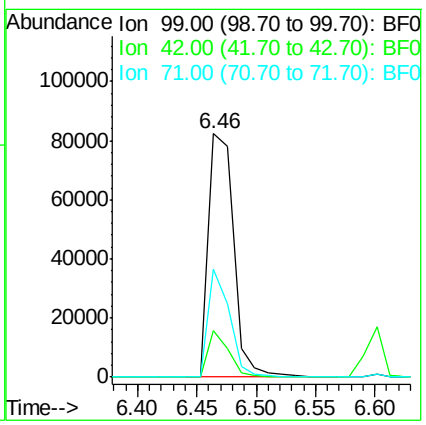


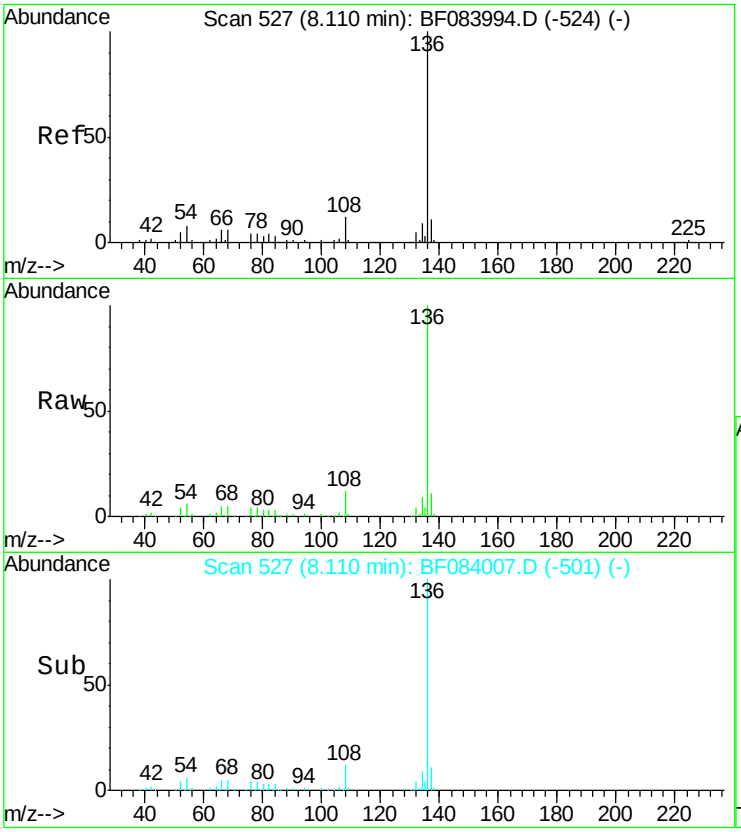


#7
Phenol-d6
Concen: 42.82 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Tgt Ion: 99 Resp: 121019

Ion	Ratio	Lower	Upper
99	100		
42	18.9	12.8	19.2
71	44.2	30.9	46.3



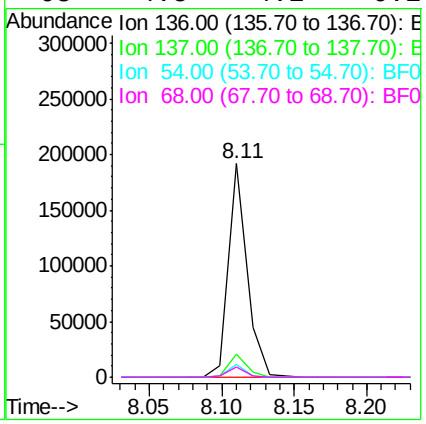


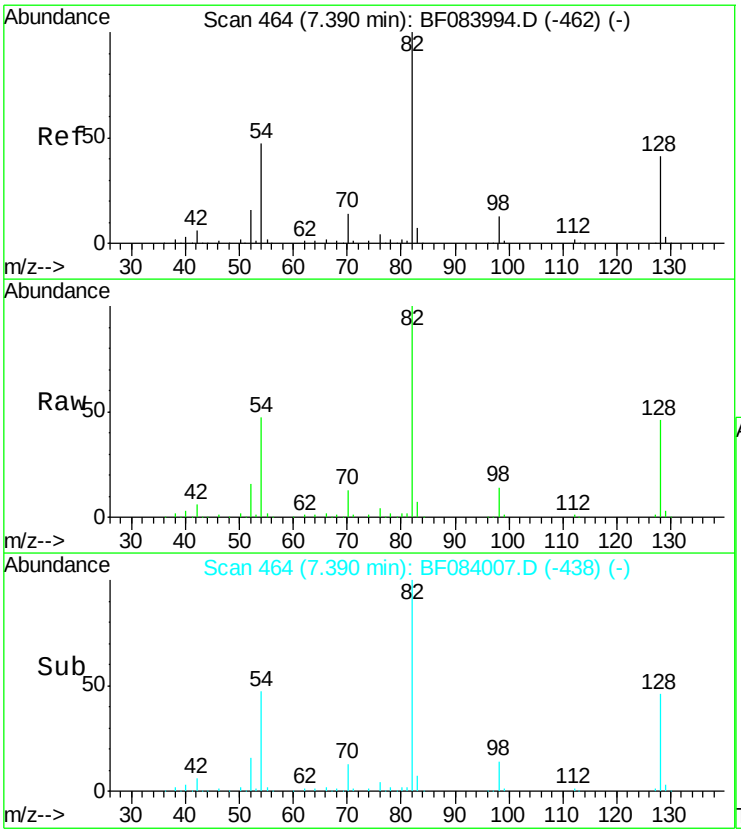
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 171643

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.0	5.8	8.8
68	4.5	4.2	6.2

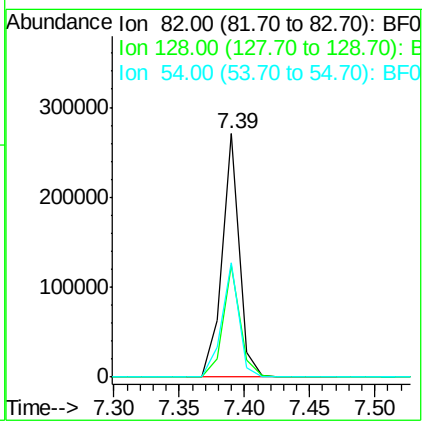


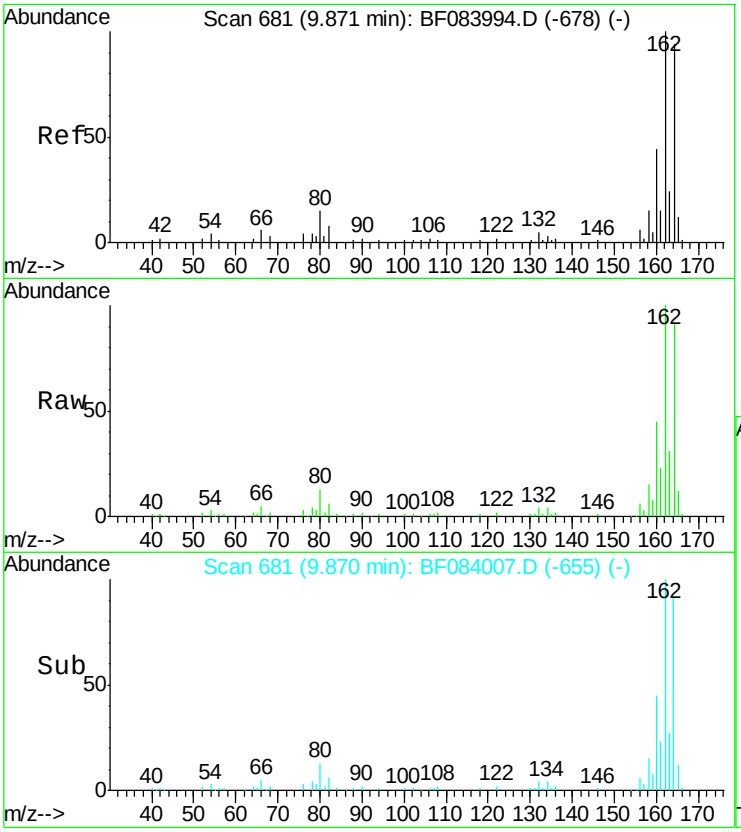


#23
Nitrobenzene-d5
Concen: 89.68 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Tgt Ion: 82 Resp: 250581

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	46.7	38.4	57.6



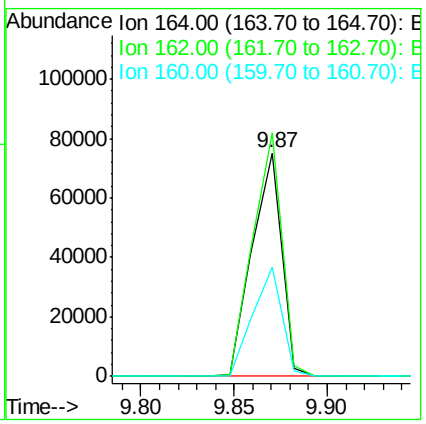


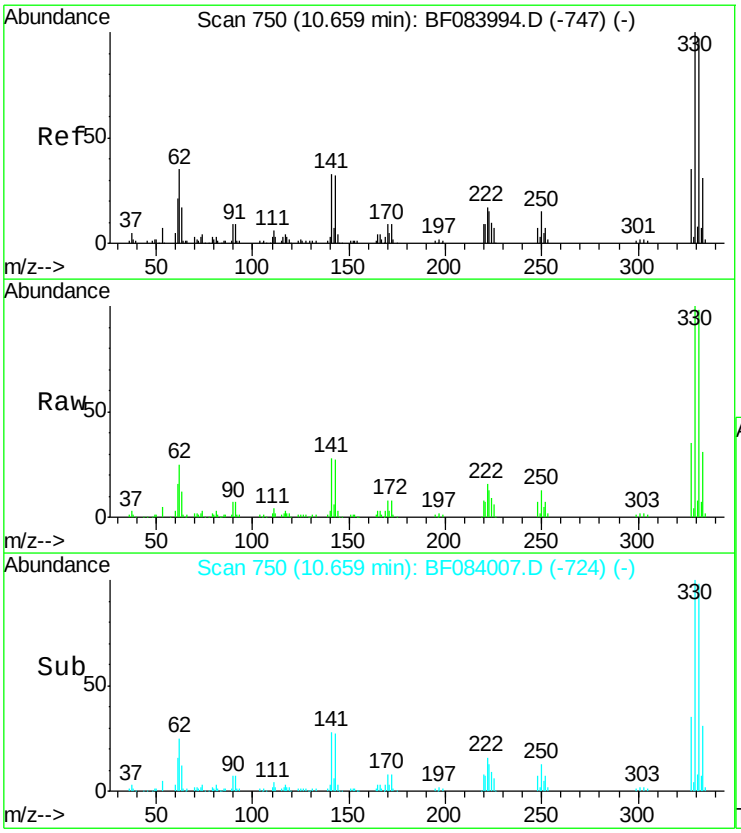
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:164 Resp: 81865

Ion	Ratio	Lower	Upper
164	100		
162	108.9	85.1	127.7
160	48.8	37.5	56.3

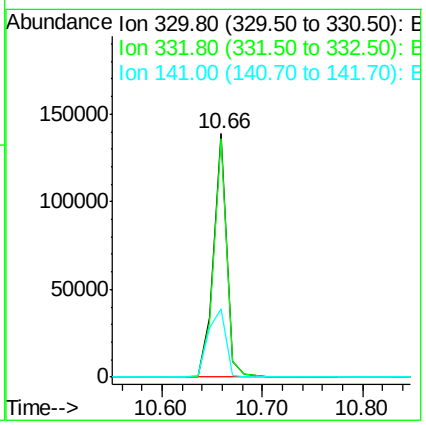


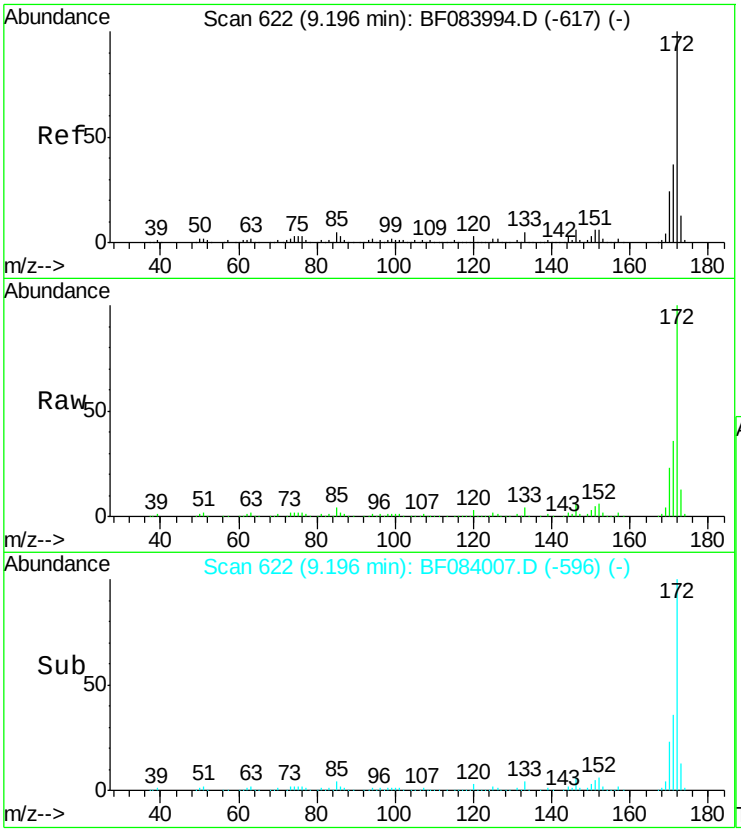


#41
2,4,6-Tribromophenol
Concen: 162.74 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Tgt Ion:330 Resp: 128144

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	37.6	27.8	41.6



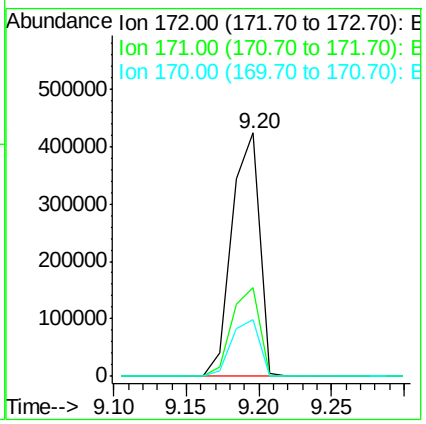


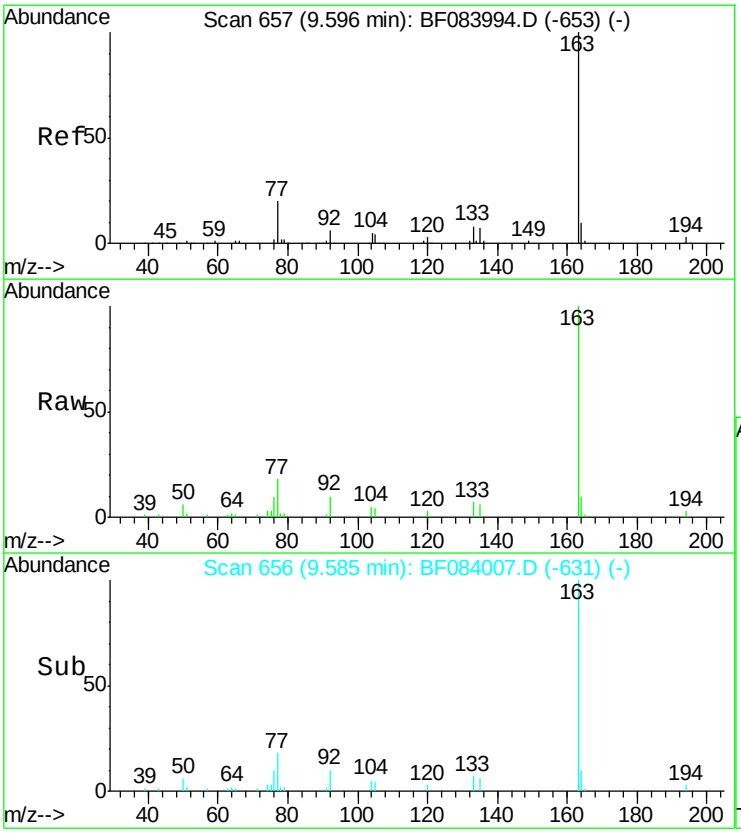
#44
2-Fluorobiphenyl
Concen: 91.92 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:172 Resp: 559115

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.3	18.6	27.8

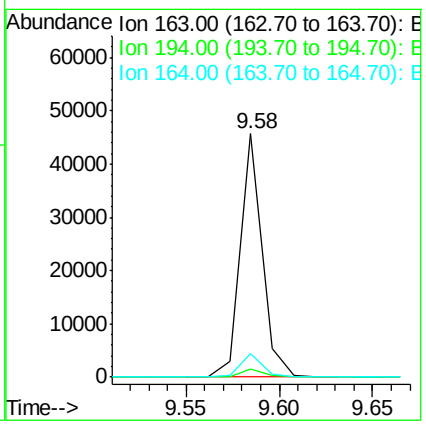


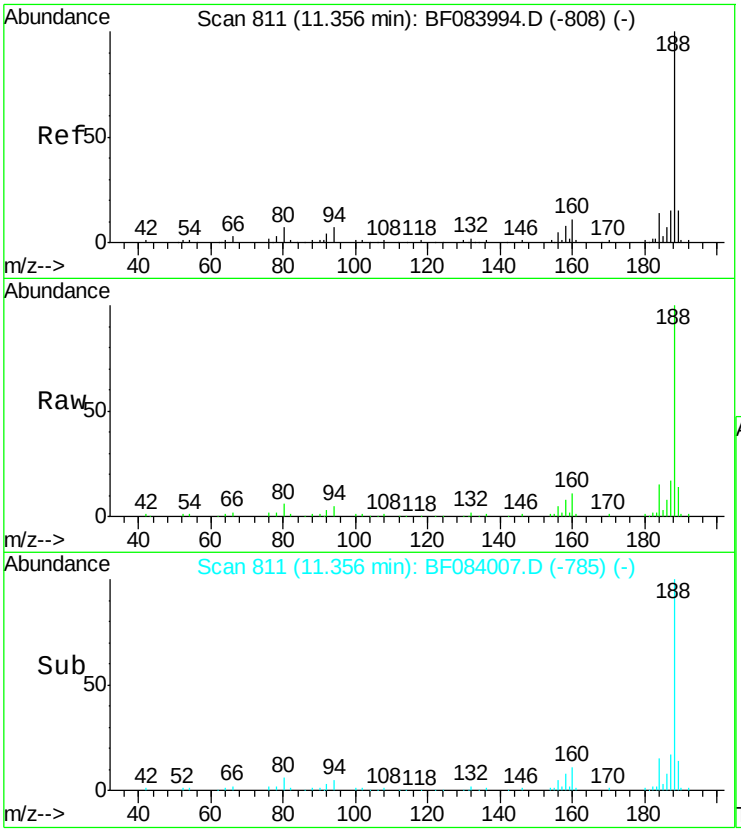


#49
Dimethylphthalate
Concen: 5.83 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Tgt Ion:163 Resp: 37347

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.8	8.0	12.0



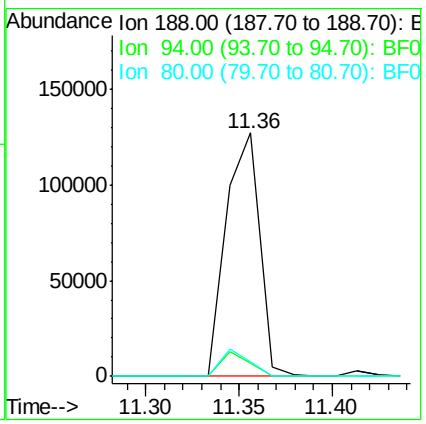


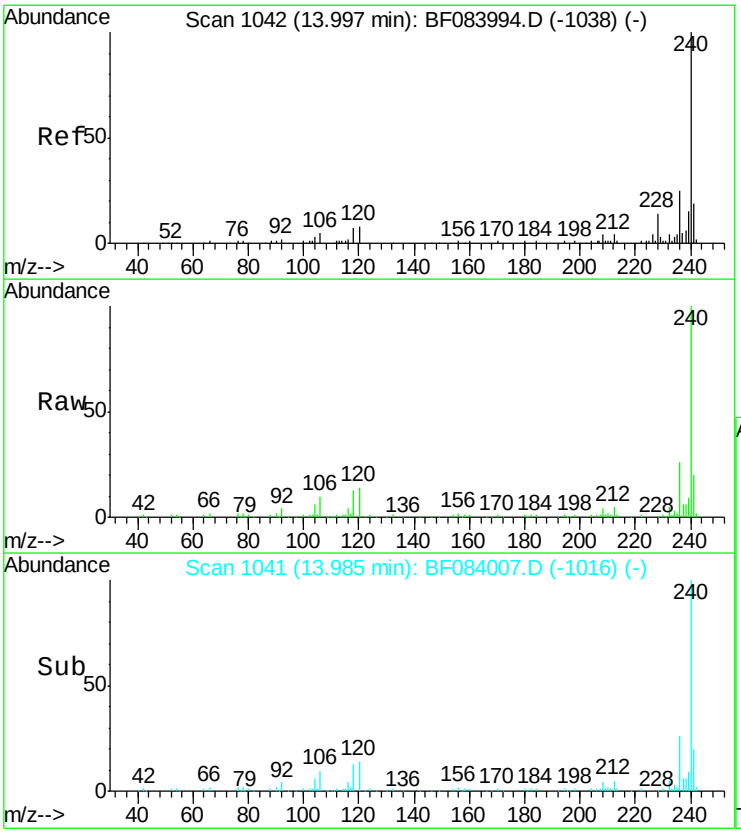
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 159567

Ion	Ratio	Lower	Upper
188	100		
94	5.5	9.0	13.4#
80	6.2	9.6	14.4#

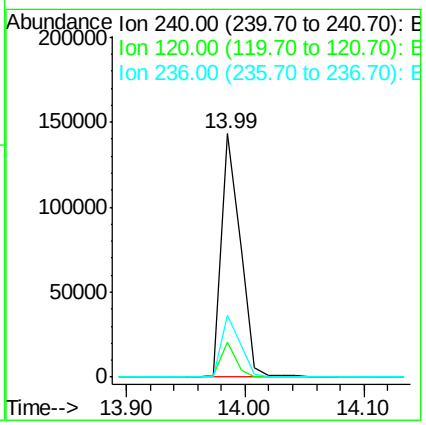


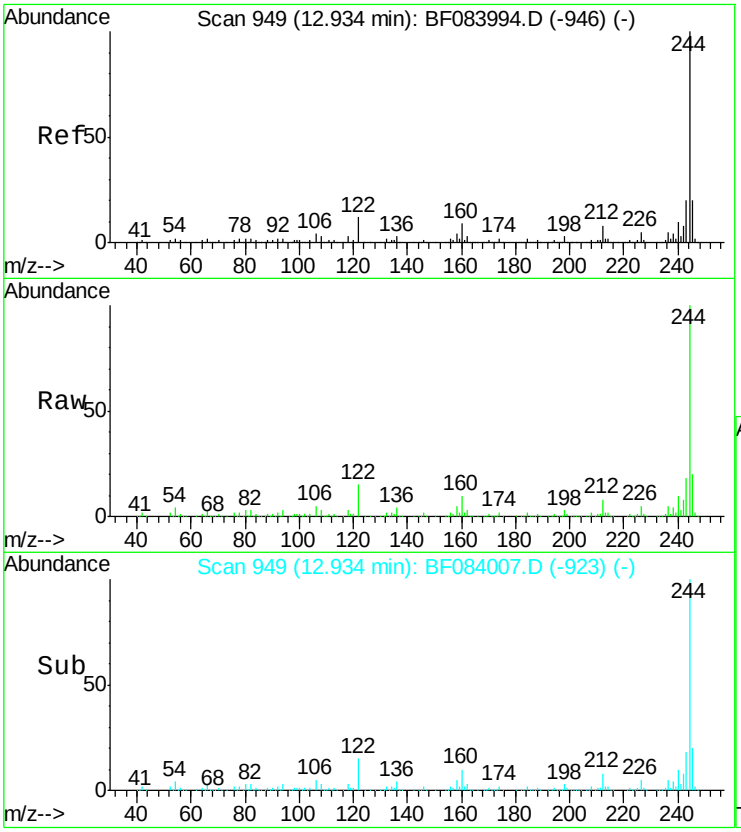


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Tgt Ion:240 Resp: 156022

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.6	20.6	31.0



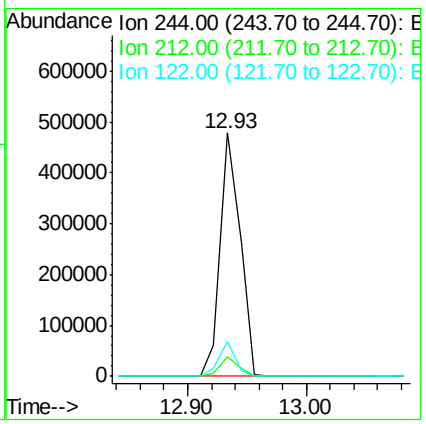


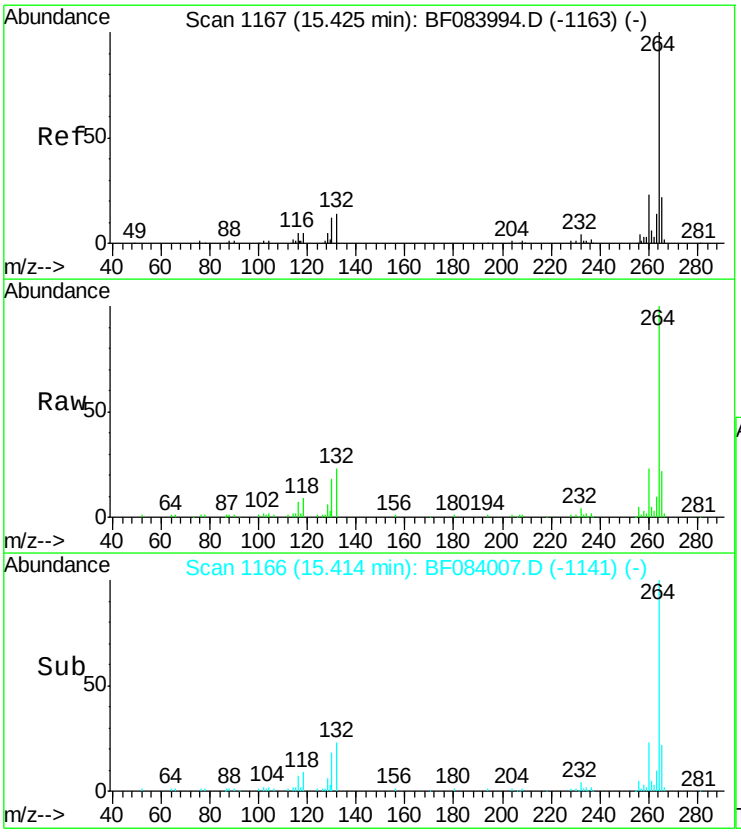
#78
Terphenyl-d14
Concen: 84.68 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 554034

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084007.D
Acq: 23 Dec 2015 00:05

Tgt Ion:264 Resp: 126619

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.3	17.8	26.6