Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084916.D
Acq On : 6 Feb 2016 17:16
Operator : SJ/IZ
Sample : H1338-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Time: Feb 08 02:52:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	155969	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	597028	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	270678	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	467862	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	332309	20.00	ng	-0.03
86) Perylene-d12	15.17	264	314047	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	509038	50.84	ng	-0.03
7) Phenol-d6	6.30	99	409277	32.97	ng	-0.03
23) Nitrobenzene-d5	7.23	82	852251	80.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	327949	116.15	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1381365	86.42	ng	-0.03
78) Terphenyl-d14	12.76	244	1000579	68.23	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	140564	6.82	ng	# 90
59) Diethylphthalate	10.12	149	42498	2.11	ng	98

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

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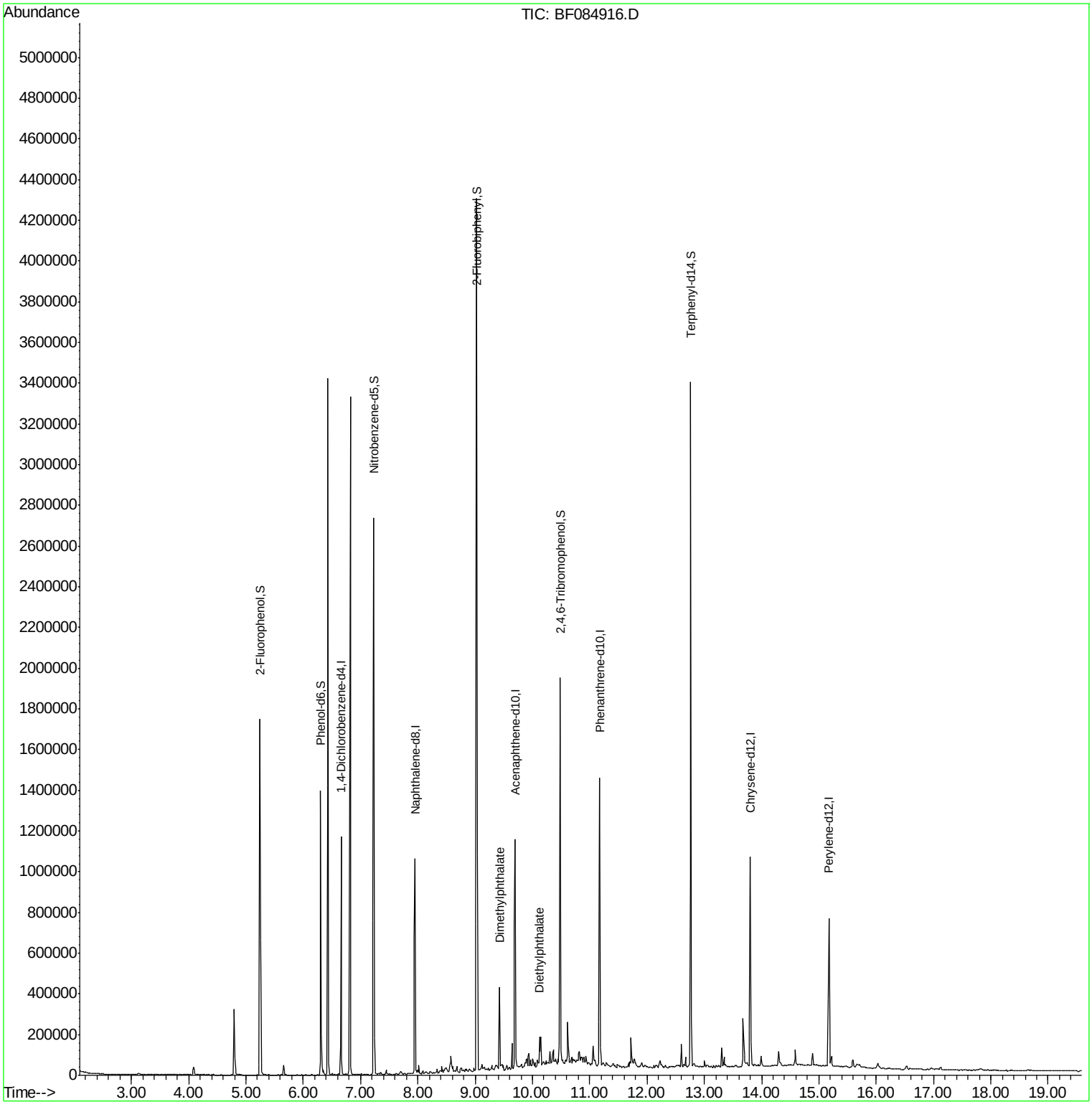
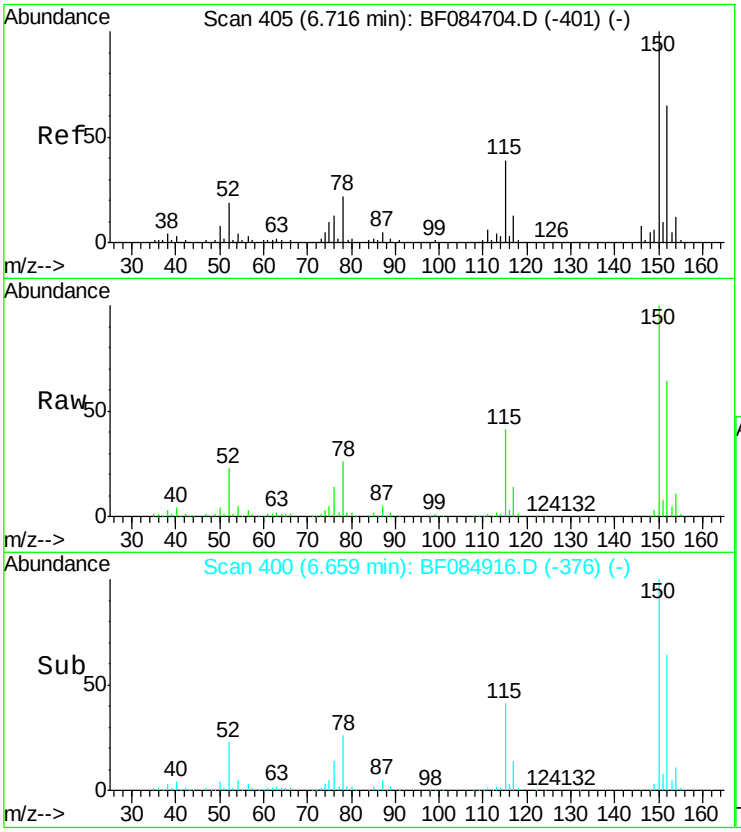


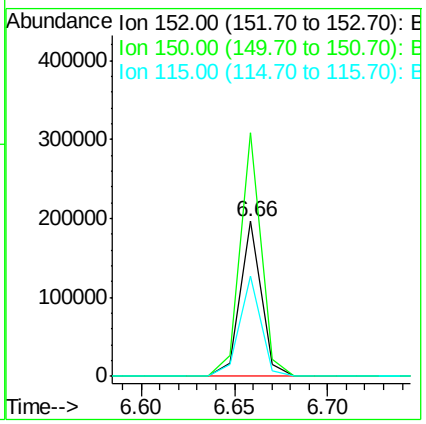


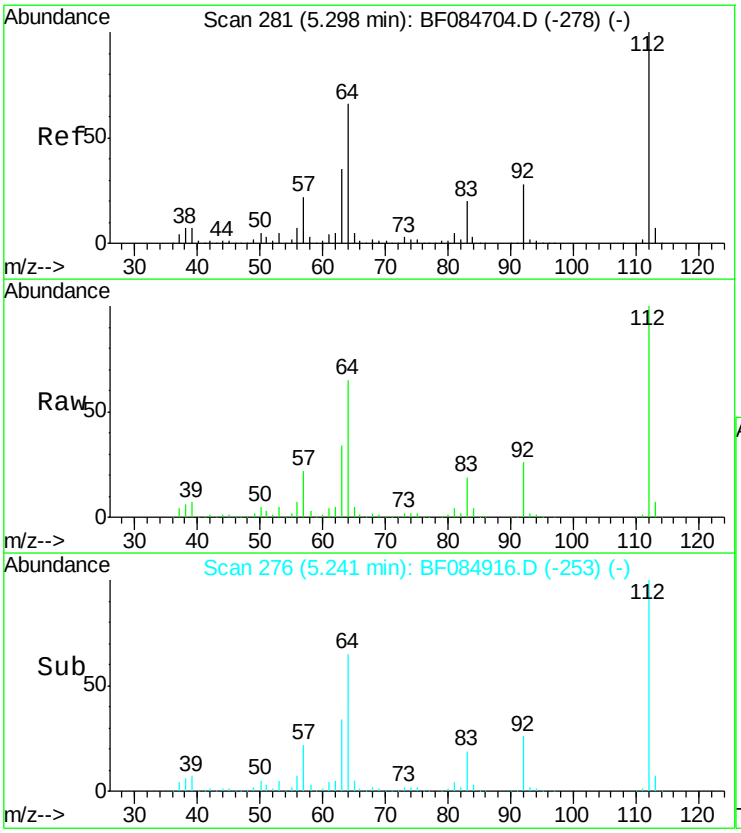
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 155969

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.4
115	64.8	51.4	77.2

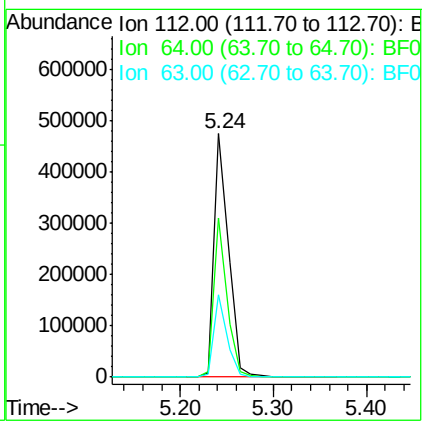


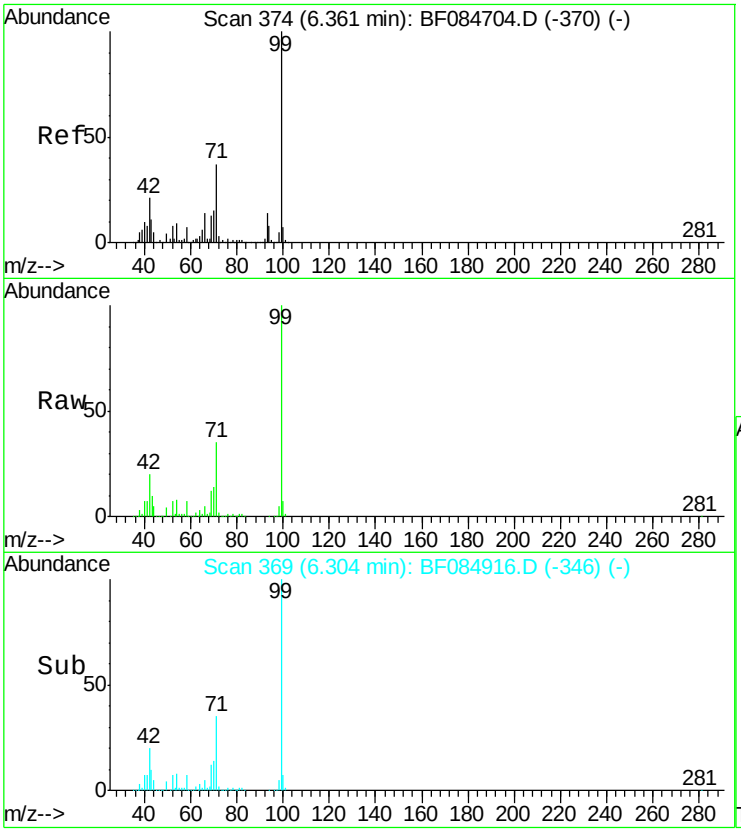


#5
2-Fluorophenol
Concen: 50.84 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion:112 Resp: 509038

Ion	Ratio	Lower	Upper
112	100		
64	65.3	36.6	55.0#
63	34.0	19.4	29.0#



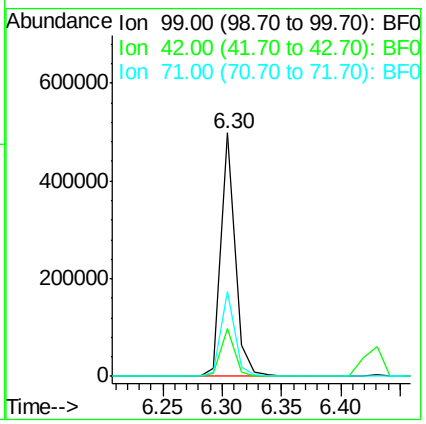


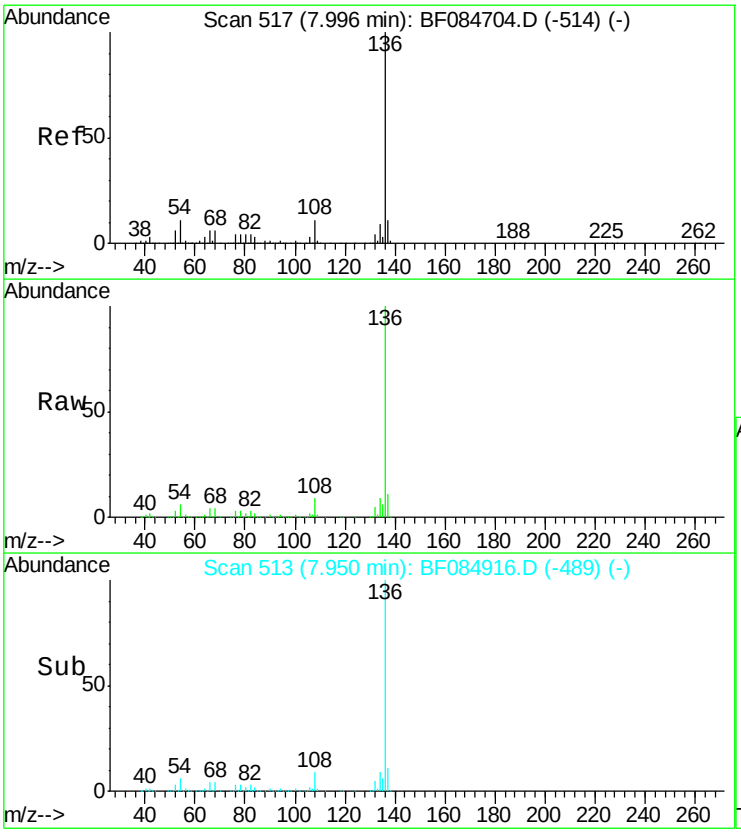
#7
Phenol-d6
Concen: 32.97 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 409277

Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.8	19.2#
71	34.9	30.9	46.3

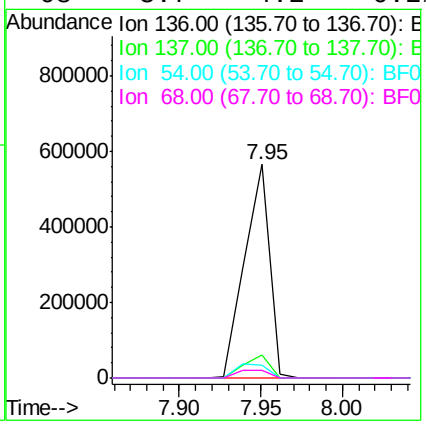


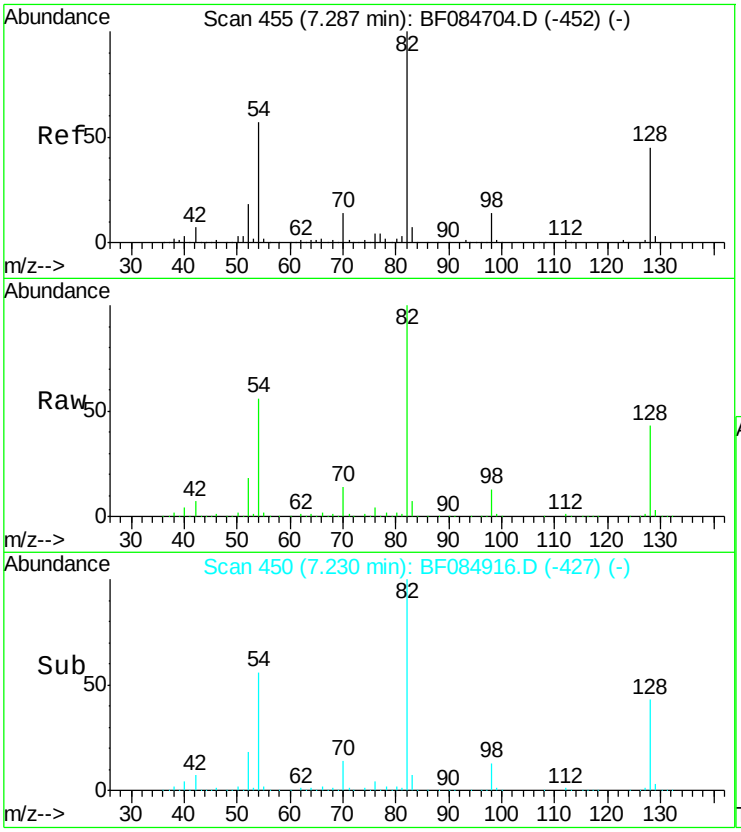


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion:136 Resp: 597028

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.0	5.8	8.8
68	3.7	4.2	6.2#



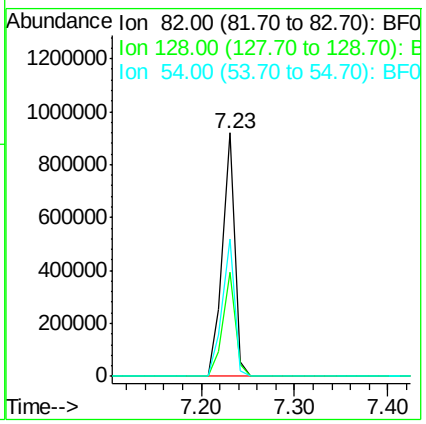


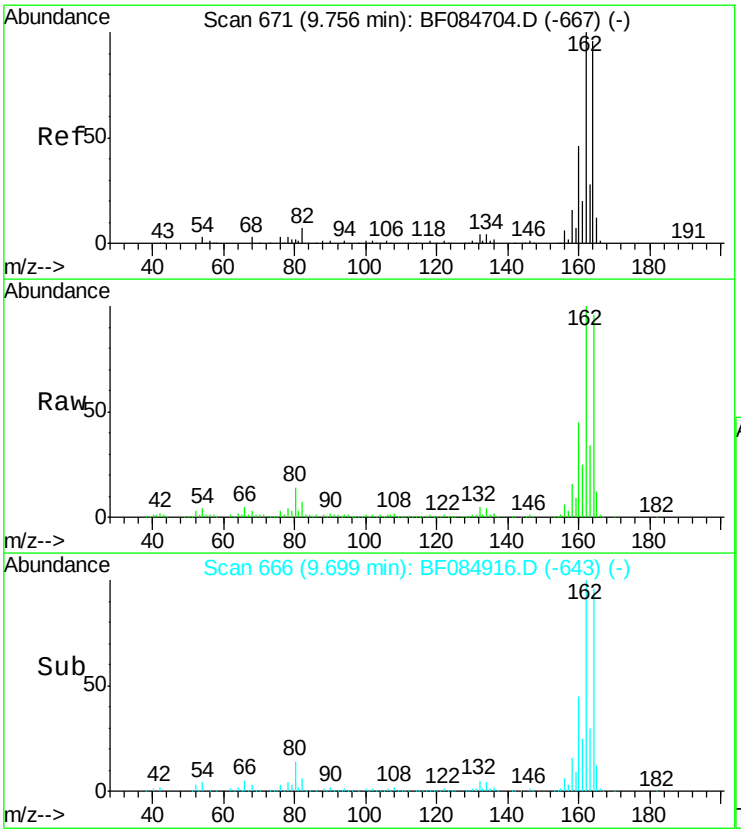
#23
Nitrobenzene-d5
Concen: 80.41 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 852251

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	56.4	38.4	57.6

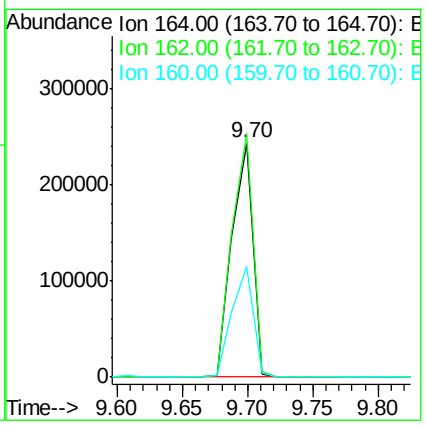


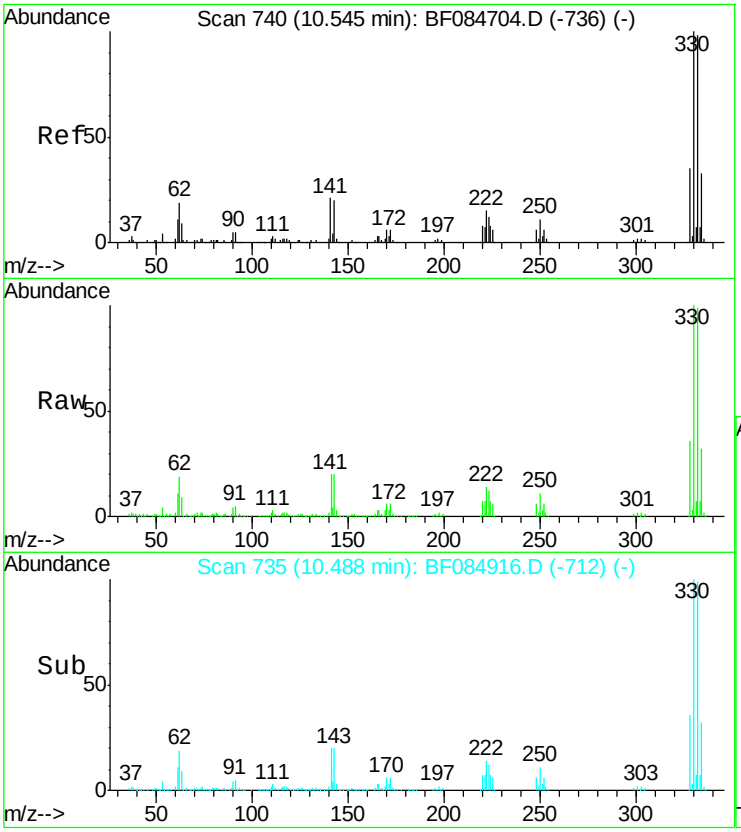


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion:164 Resp: 270678

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.1	127.7
160	47.3	37.5	56.3



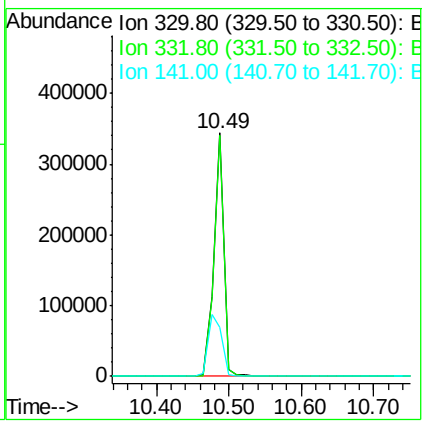


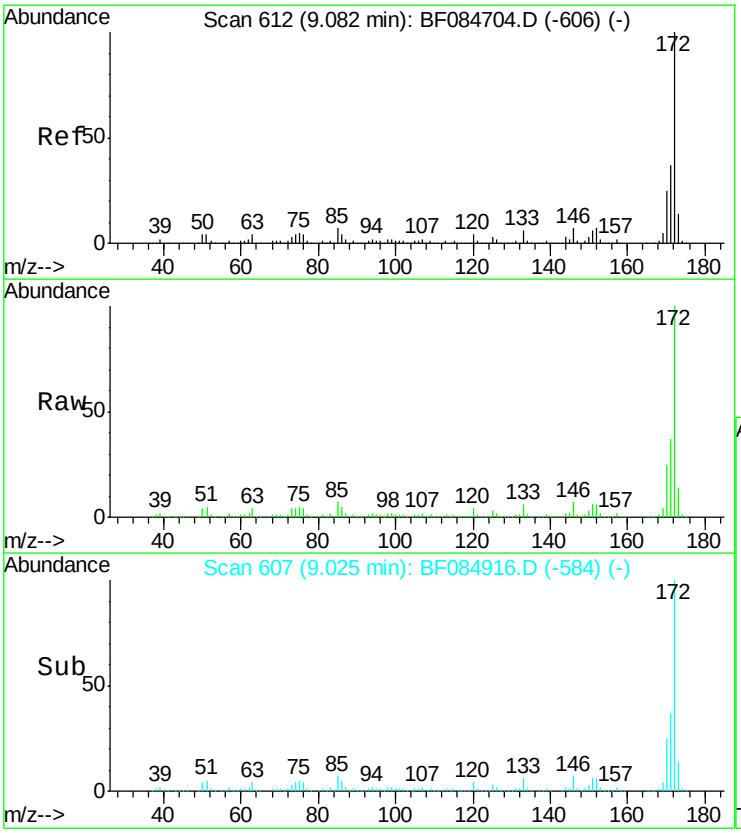
#41
2,4,6-Tribromophenol
Concen: 116.15 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 327949

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	34.7	27.8	41.6

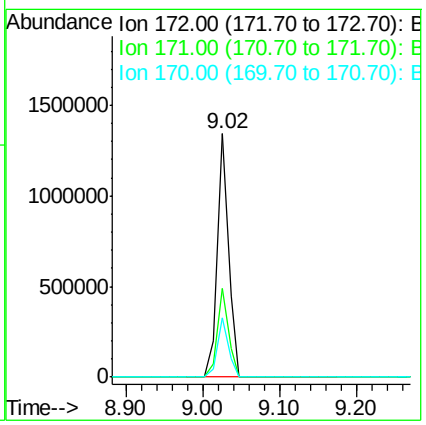


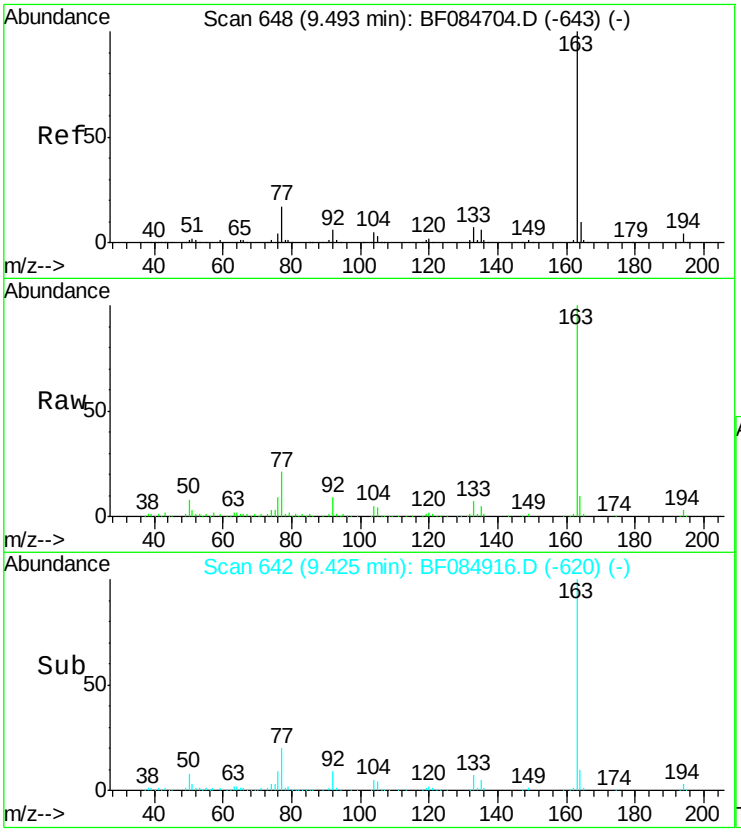


#44
2-Fluorobiphenyl
Concen: 86.42 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion:172 Resp: 1381365

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.5	18.6	27.8



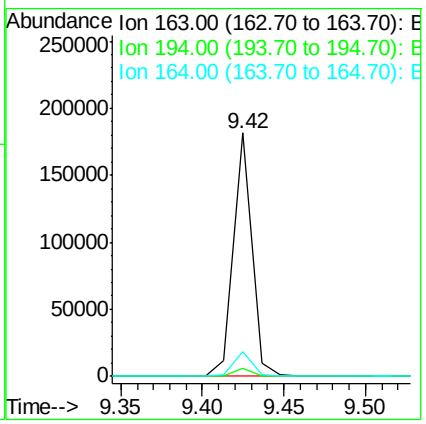


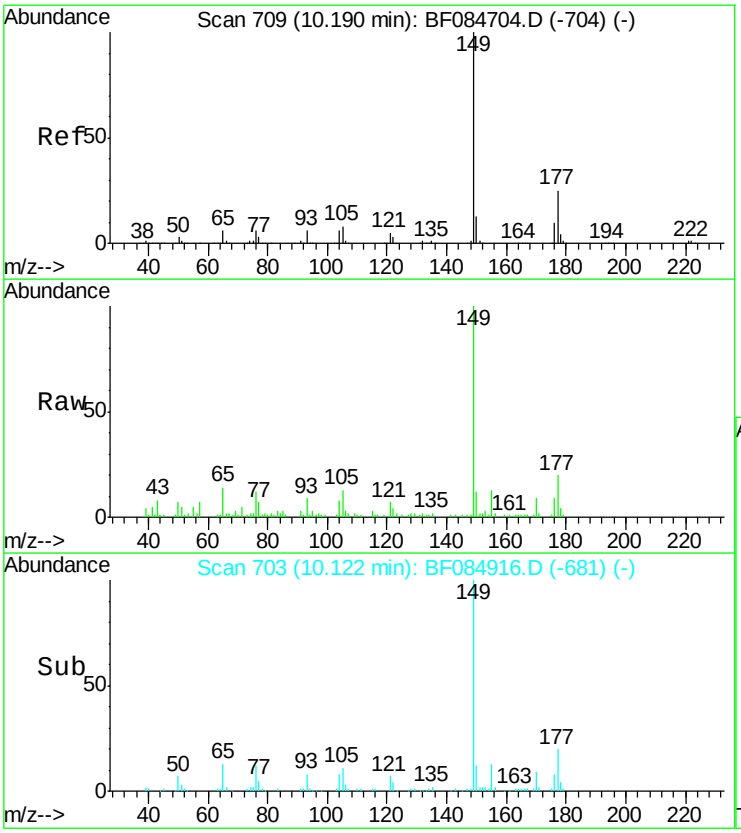
#49
Dimethylphthalate
Concen: 6.82 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:163 Resp: 140564

Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.4	8.0	12.0

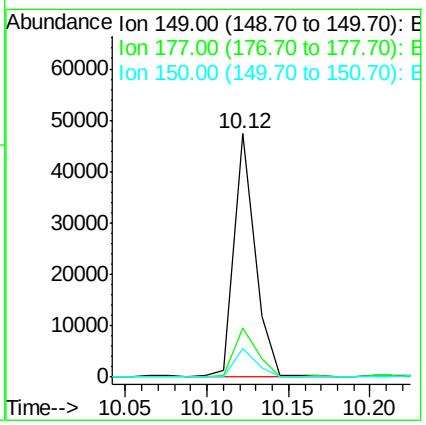


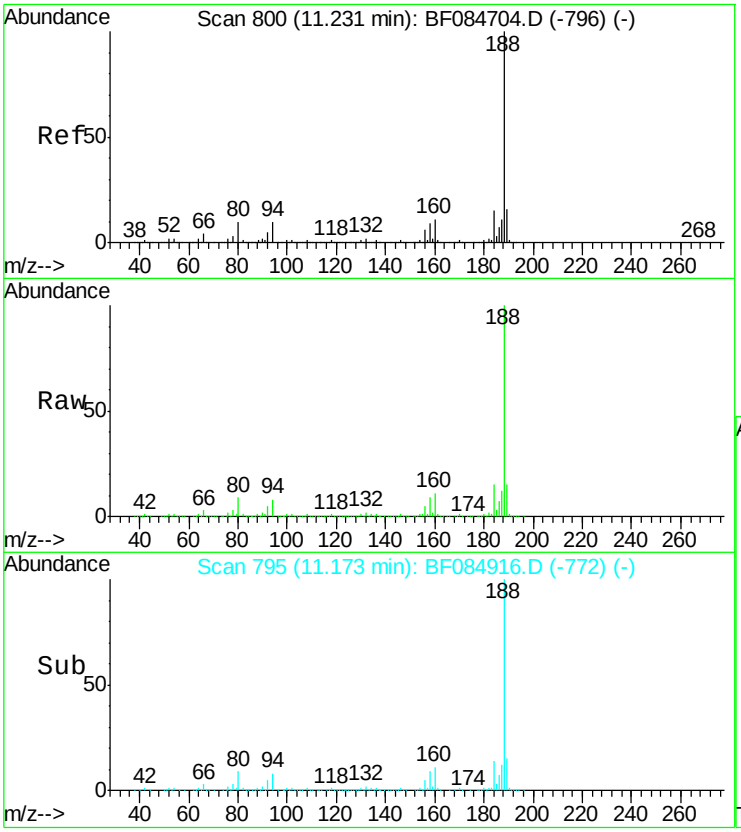


#59
Diethylphthalate
Concen: 2.11 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.05 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion:149 Resp: 42498

Ion	Ratio	Lower	Upper
149	100		
177	20.0	17.3	25.9
150	12.0	9.8	14.8



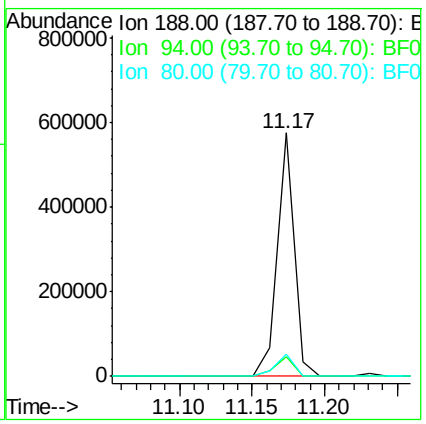


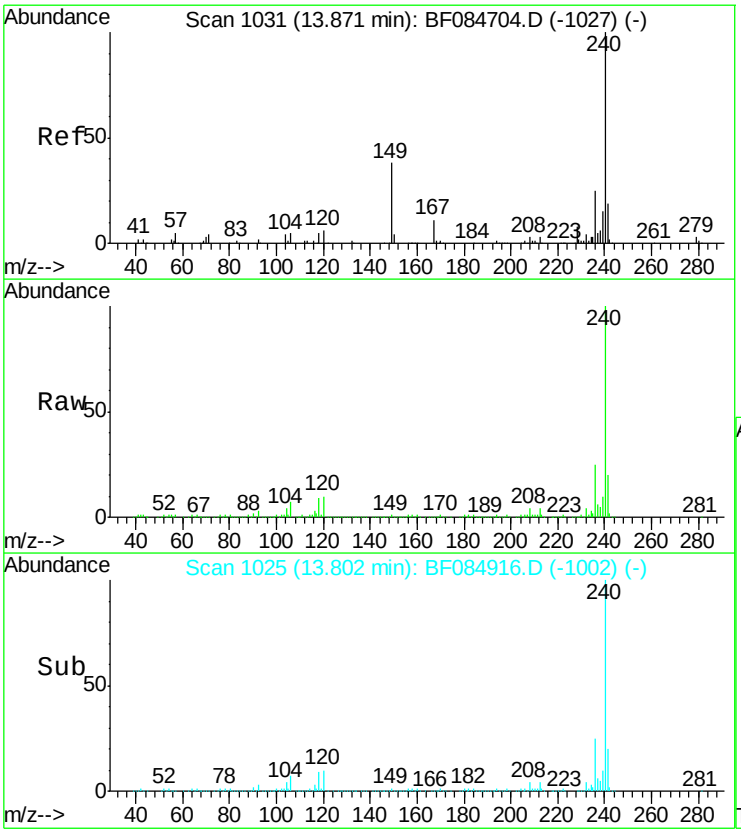
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 467862

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.4#
80	9.1	9.6	14.4#

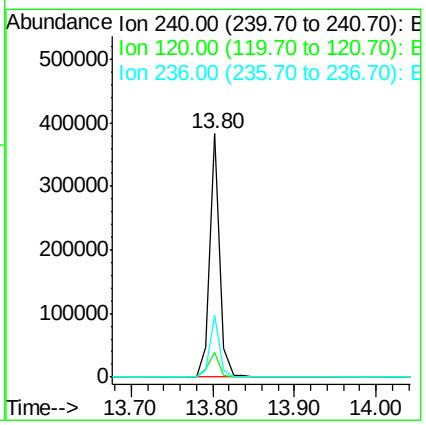


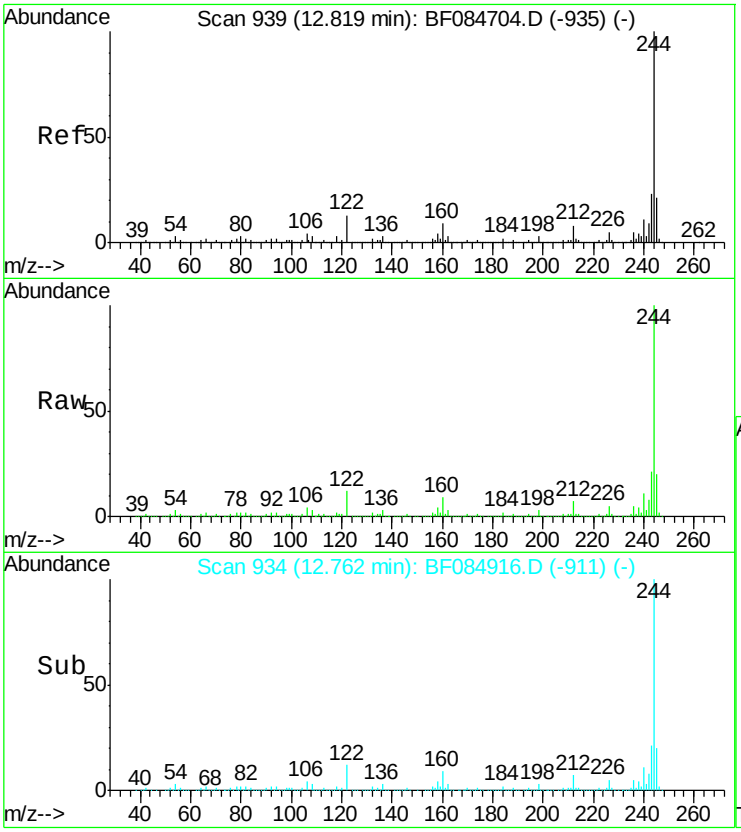


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion:240 Resp: 332309

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.4	20.6	31.0



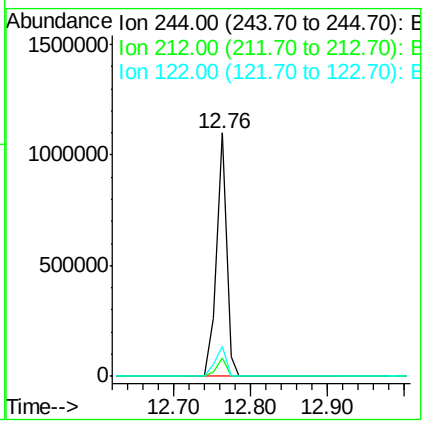


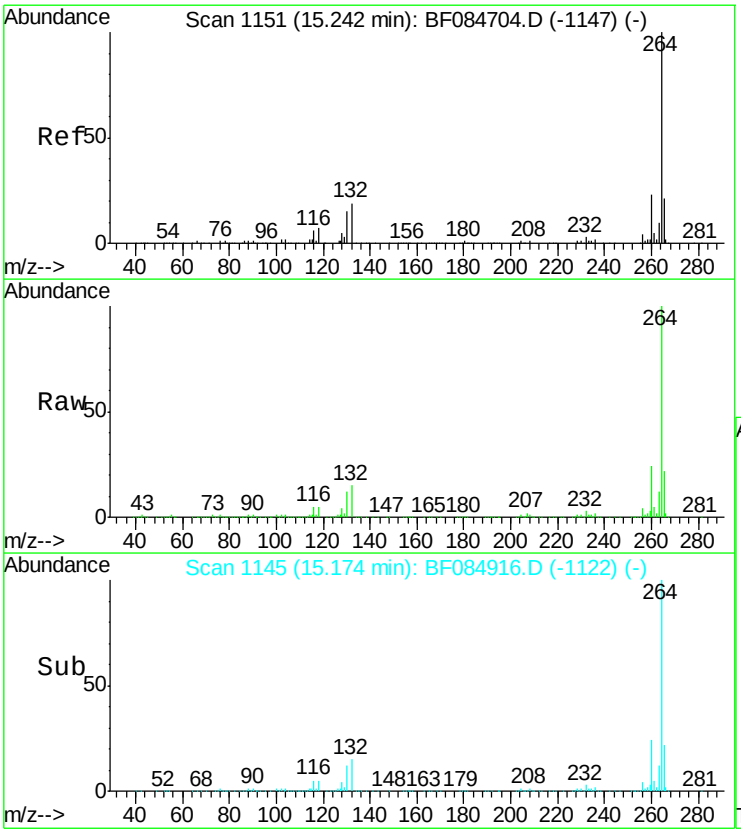
#78
Terphenyl-d14
Concen: 68.23 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 1000579

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	12.3	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084916.D
Acq: 6 Feb 2016 17:16

Tgt Ion:264 Resp: 314047

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.6	17.8	26.6