Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084019.D
Acq On : 23 Dec 2015 5:40
Operator : UM/SJ
Sample : G4916-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151217MGP216BRV90

Quant Time: Dec 23 06:47:11 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	44995	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	189122	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	90445	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	171067	20.00	ng	0.00
75) Chrysene-d12	13.99	240	303805	20.00	ng	-0.01
86) Perylene-d12	15.43	264	131568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	191436	72.54	ng	0.01
7) Phenol-d6	6.48	99	152151	49.04	ng	0.00
23) Nitrobenzene-d5	7.39	82	265704	86.31	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	140865	161.92	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	669003	99.55	ng	0.00
78) Terphenyl-d14	12.95	244	1127009	88.47	ng	0.01
Target Compounds						Qvalue
48) Acenaphthylene	9.73	152	23226	2.55	ng	98
51) Acenaphthene	9.90	154	42150	7.78	ng	96

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

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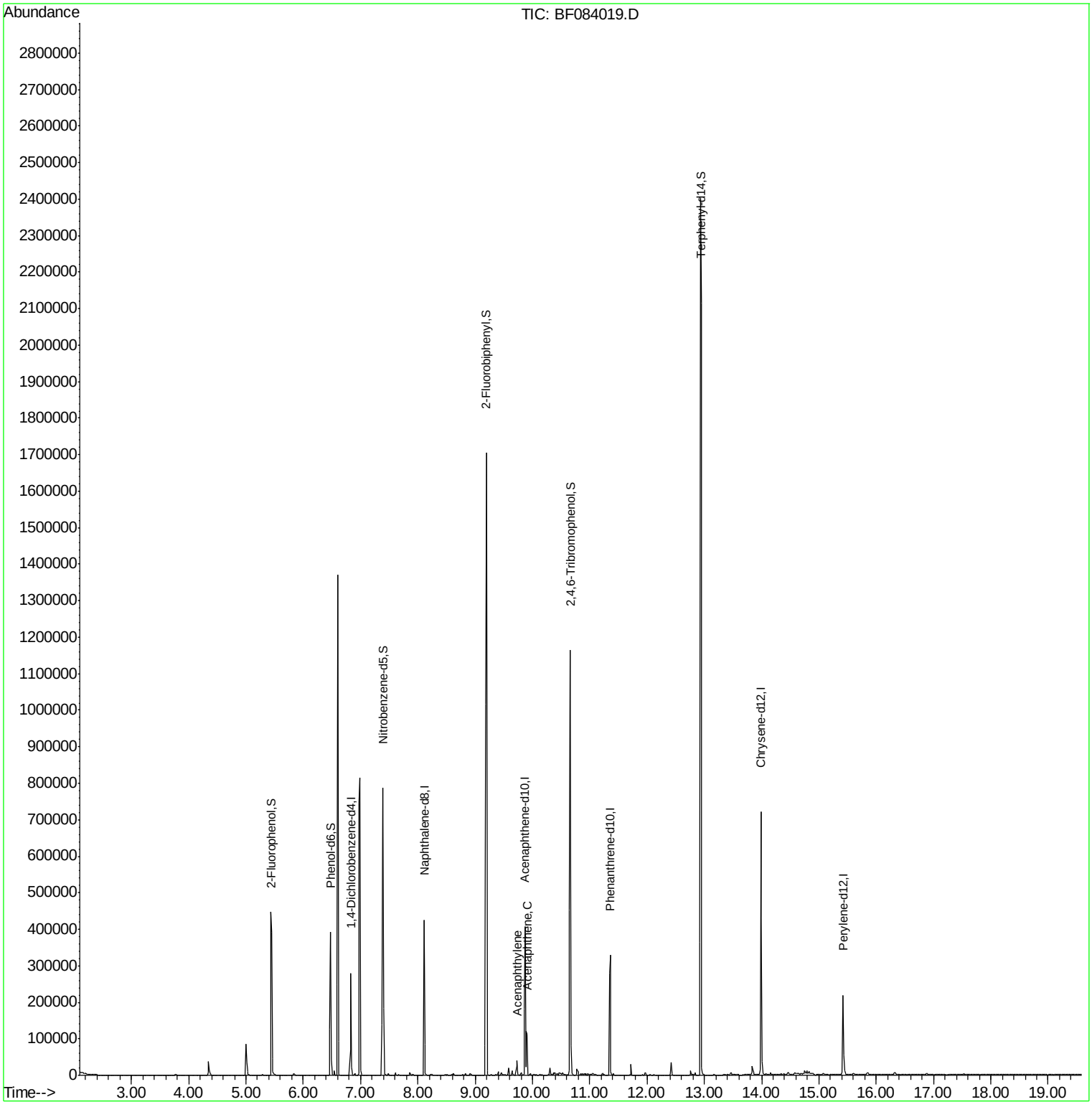
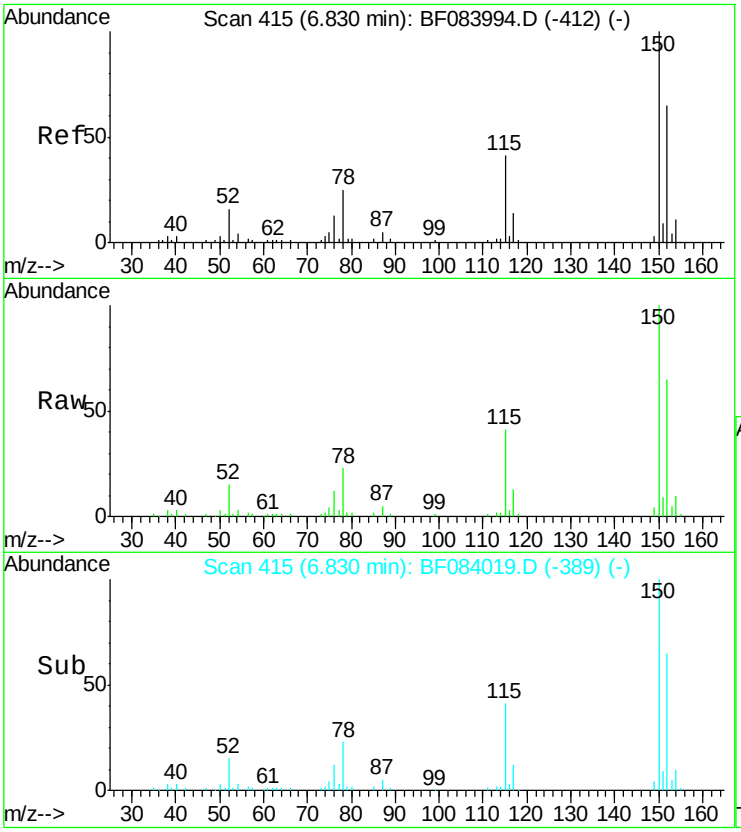
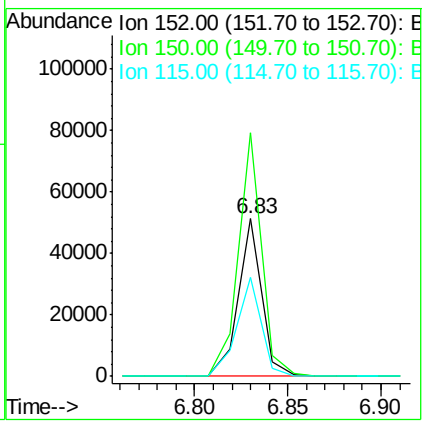




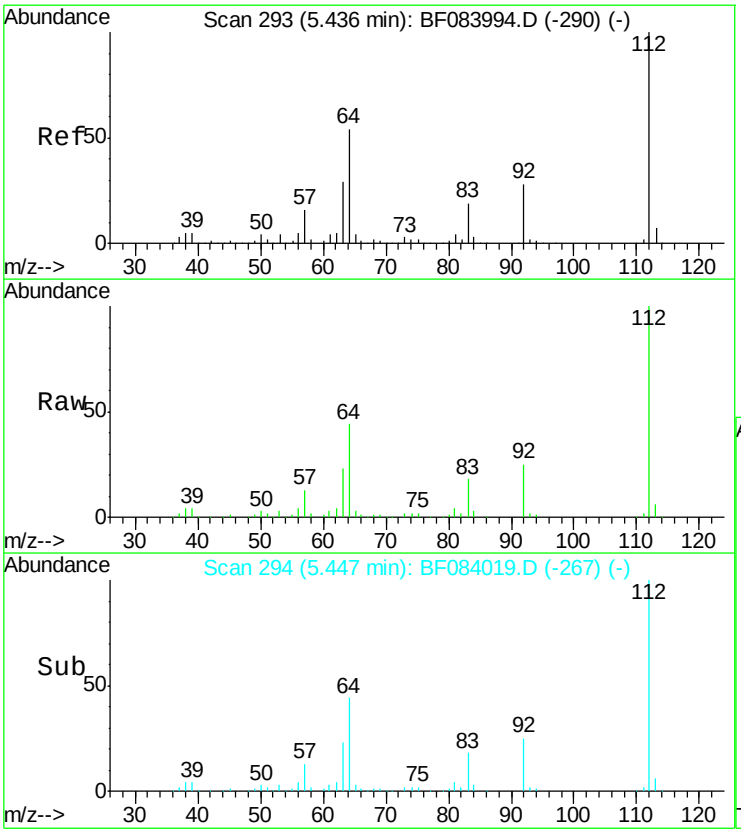
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:152 Resp: 44995

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.4
115	62.8	51.4	77.2



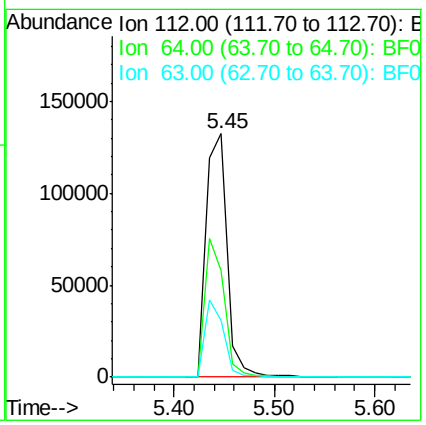
Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

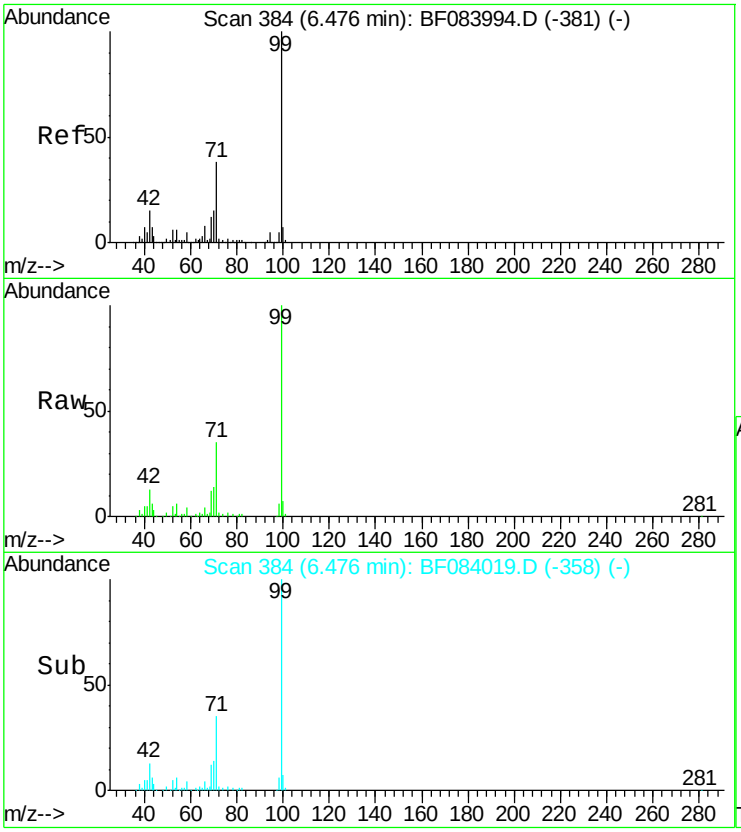


#5
2-Fluorophenol
Concen: 72.54 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:112 Resp: 191436

Ion	Ratio	Lower	Upper
112	100		
64	44.0	36.6	55.0
63	23.5	19.4	29.0



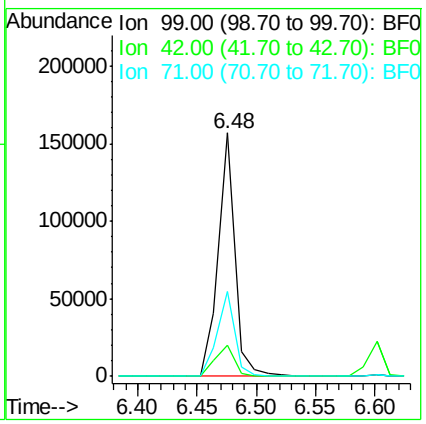


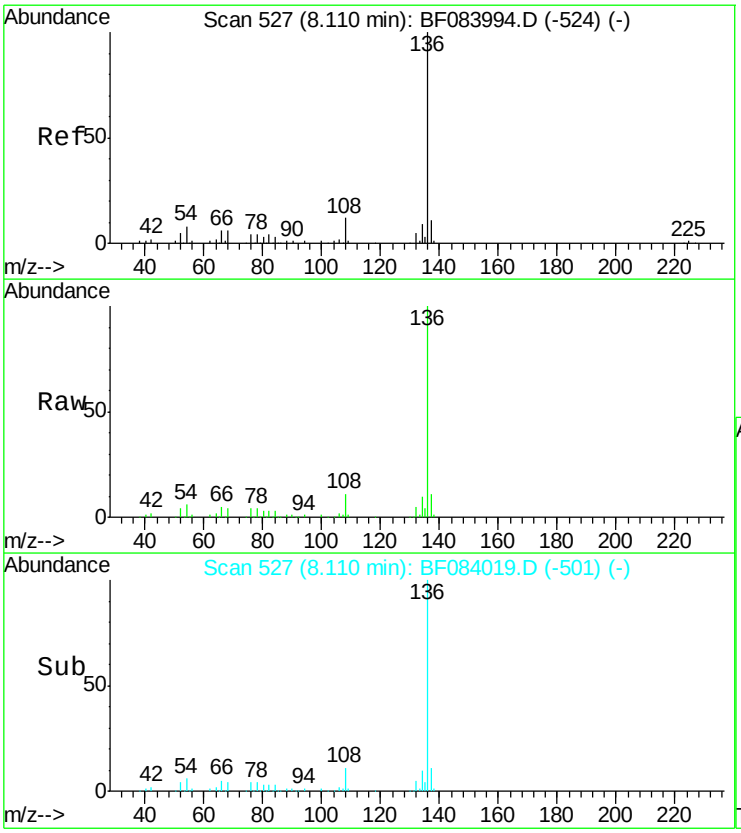
#7
Phenol-d6
Concen: 49.04 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion: 99 Resp: 152151

Ion	Ratio	Lower	Upper
99	100		
42	12.9	12.8	19.2
71	34.8	30.9	46.3

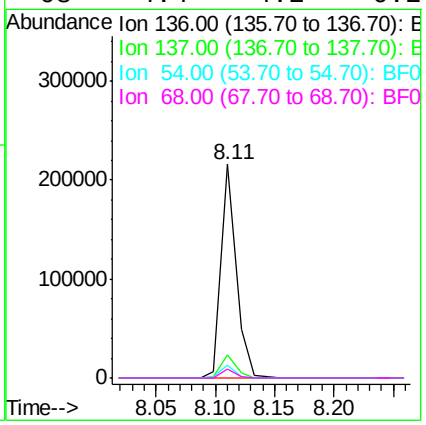


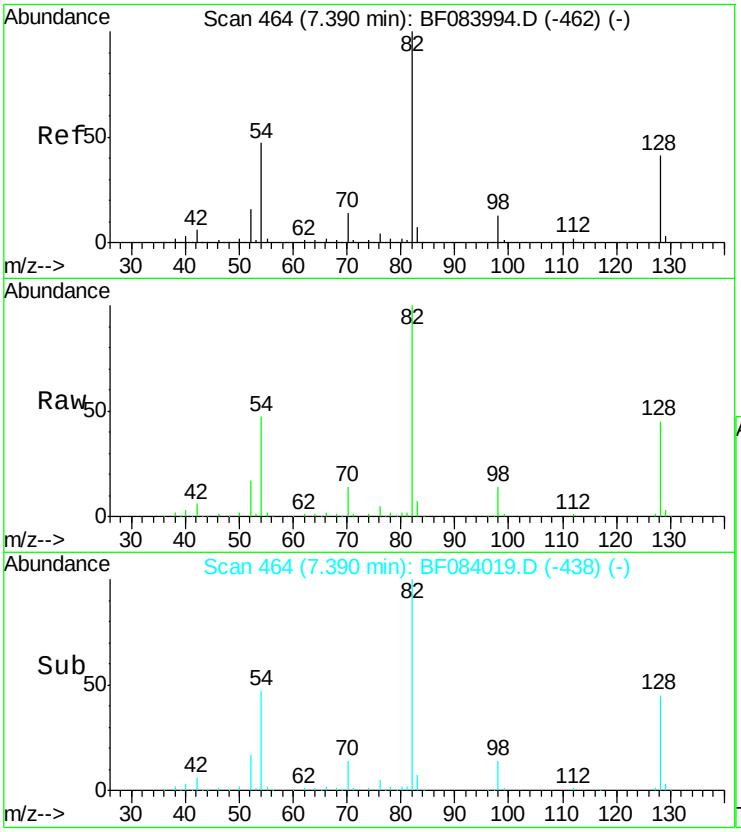


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:136 Resp: 189122

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.1	5.8	8.8
68	4.4	4.2	6.2



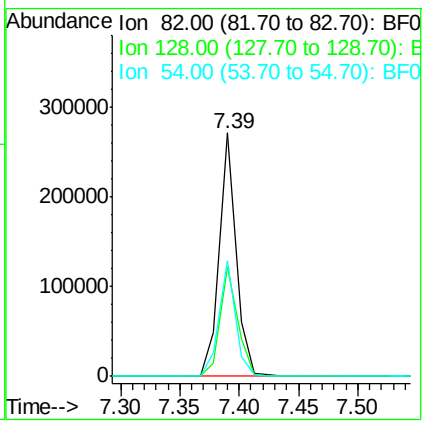


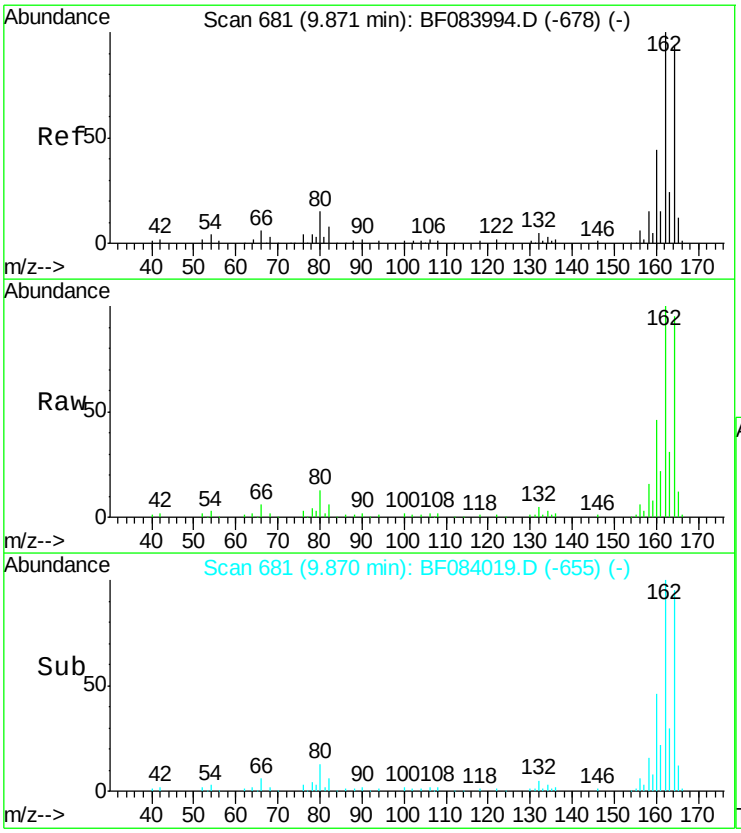
#23
Nitrobenzene-d5
Concen: 86.31 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion: 82 Resp: 265704

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	47.4	38.4	57.6

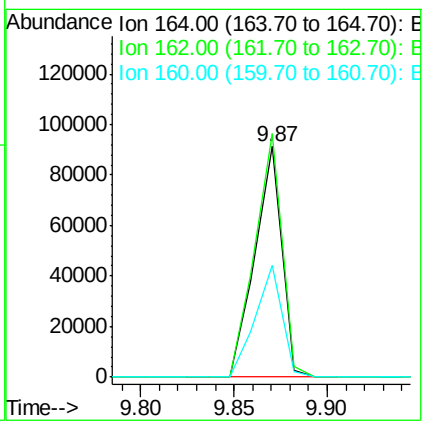


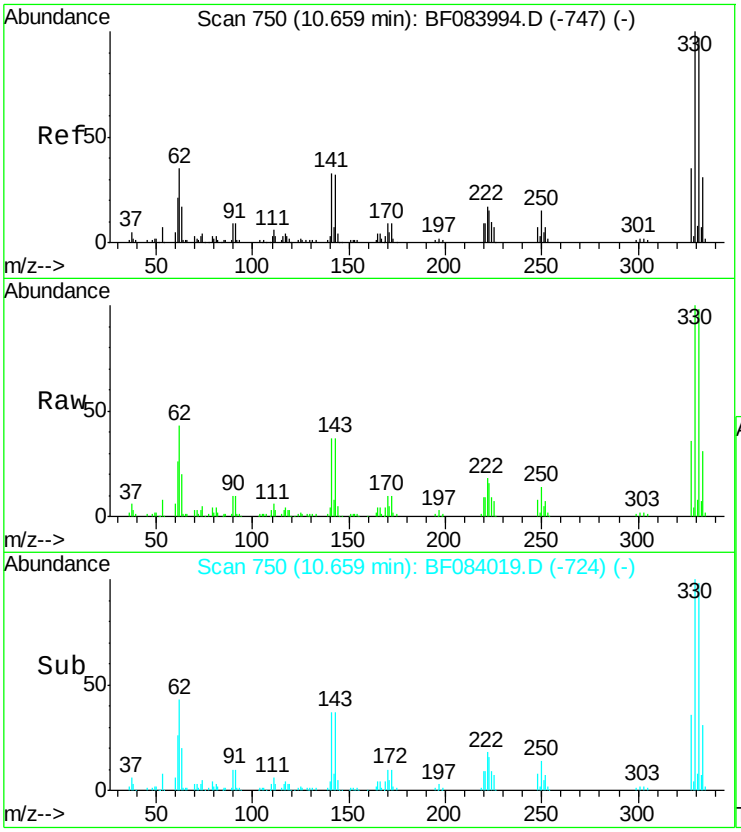


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:164 Resp: 90445

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	48.7	37.5	56.3



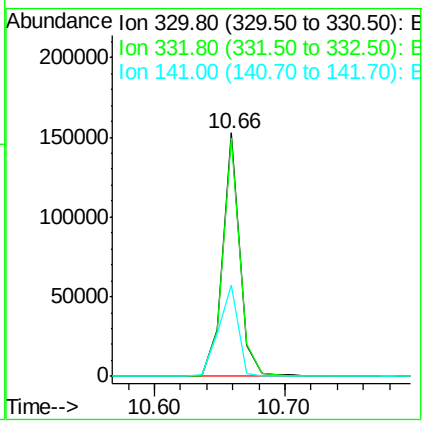


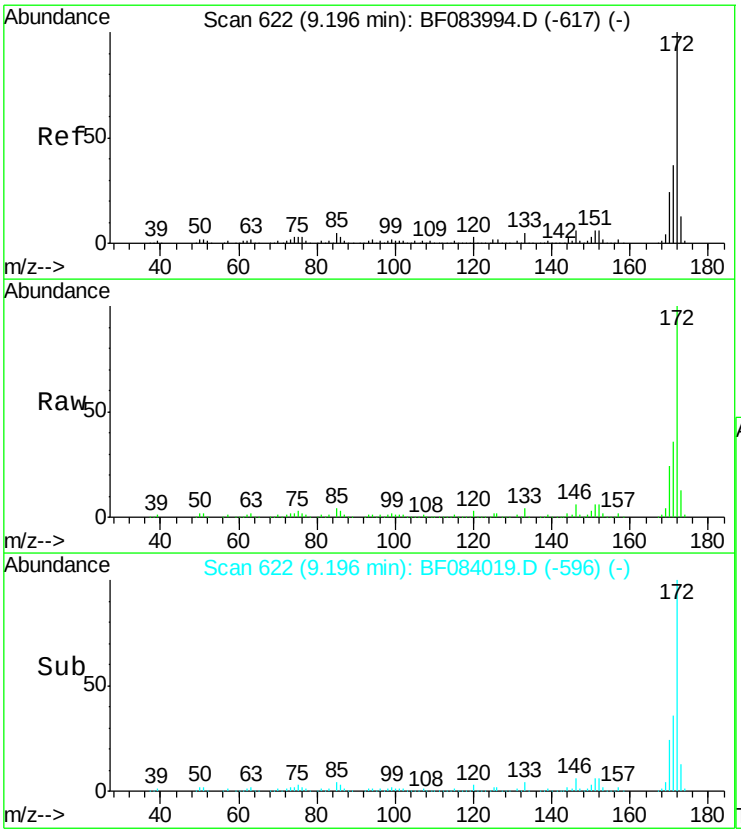
#41
2,4,6-Tribromophenol
Concen: 161.92 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:330 Resp: 140865

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	114.8
141	43.1	27.8	41.6#

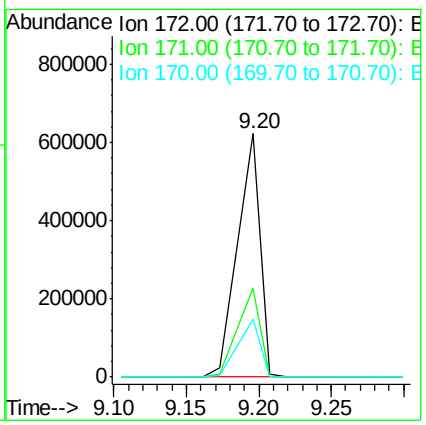


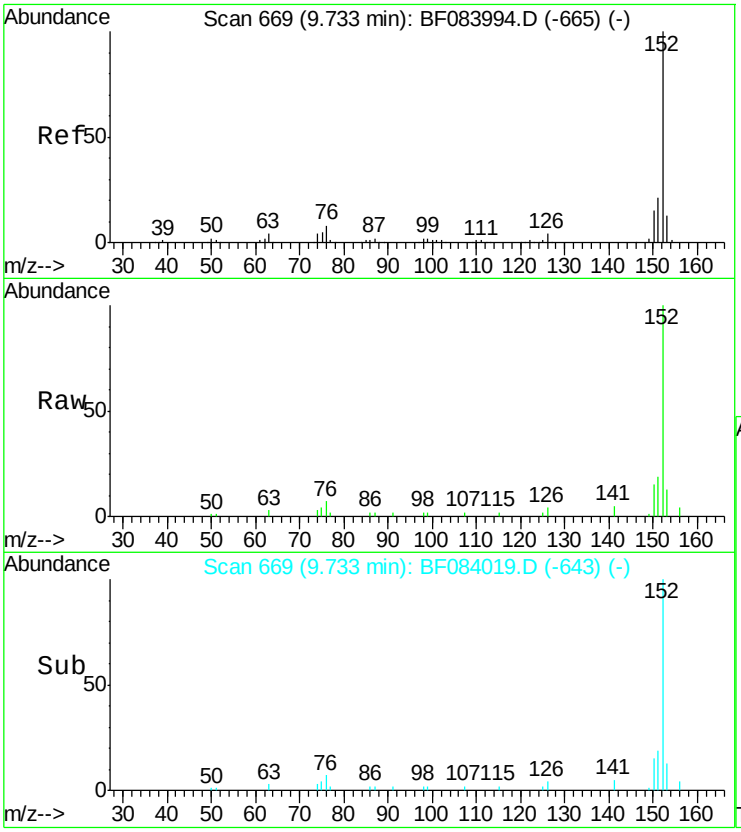


#44
2-Fluorobiphenyl
Concen: 99.55 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:172 Resp: 669003

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.0	18.6	27.8



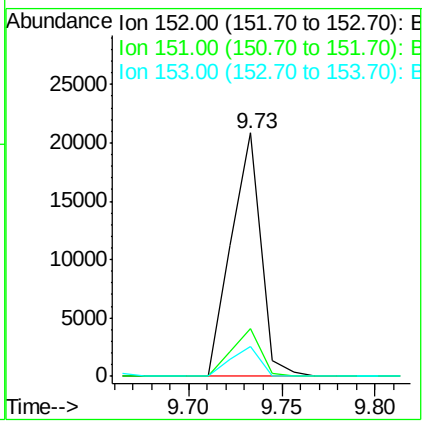


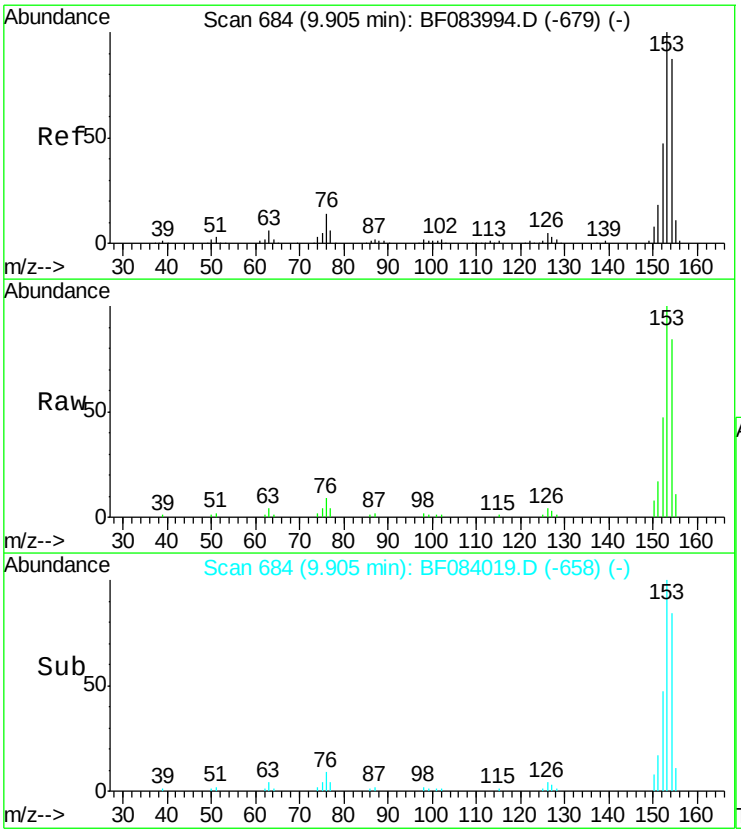
#48
Acenaphthylene
Concen: 2.55 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:152 Resp: 23226

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	12.5	10.4	15.6

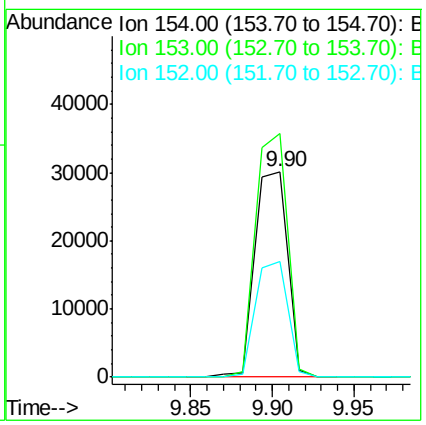


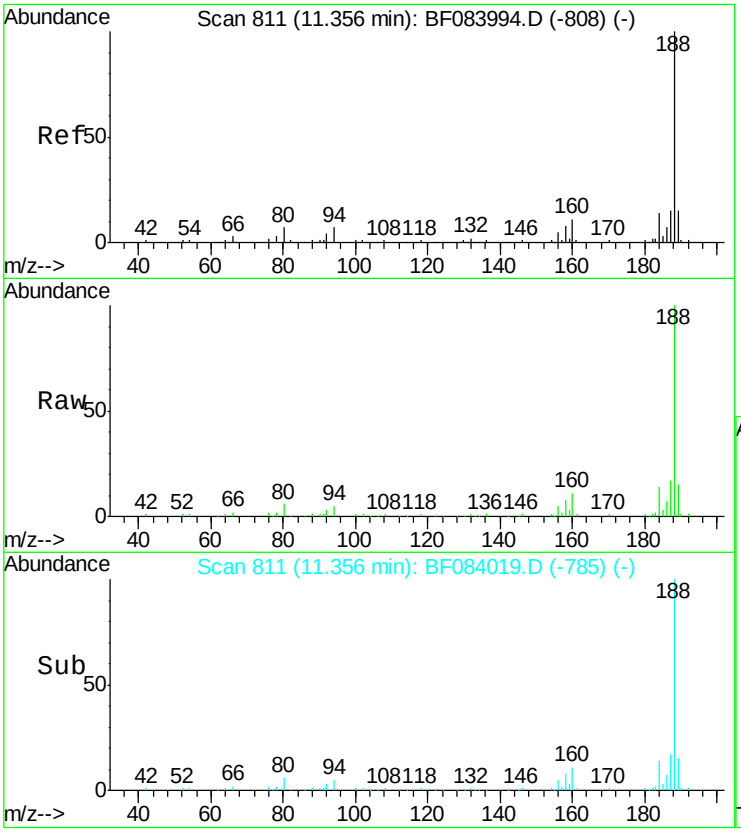


#51
Acenaphthene
Concen: 7.78 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:154 Resp: 42150

Ion	Ratio	Lower	Upper
154	100		
153	118.4	91.5	137.3
152	56.1	43.0	64.6



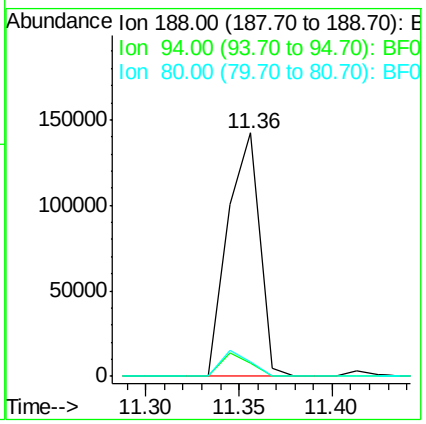


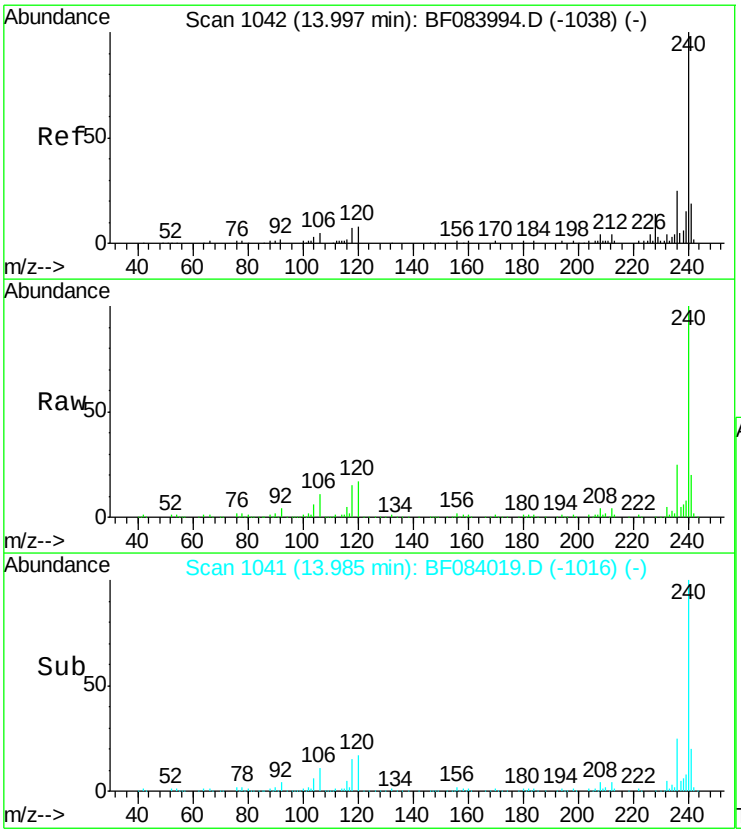
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:188 Resp: 171067

Ion	Ratio	Lower	Upper
188	100		
94	5.3	9.0	13.4#
80	5.7	9.6	14.4#

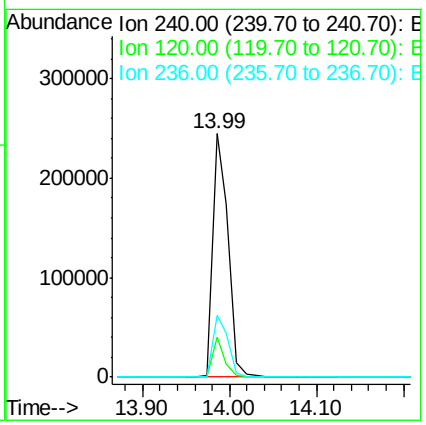


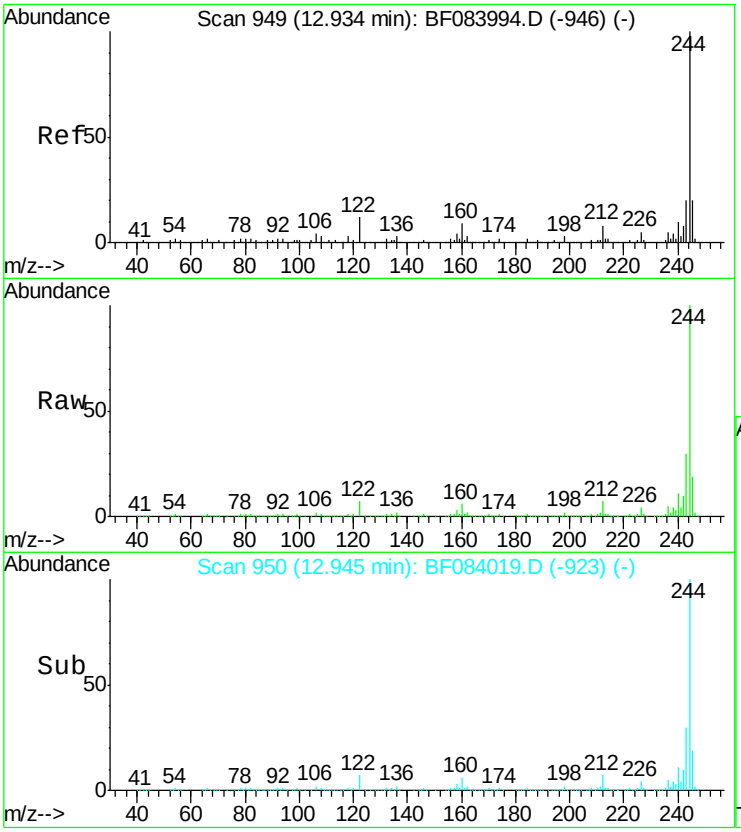


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:240 Resp: 303805

Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	25.5	20.6	31.0



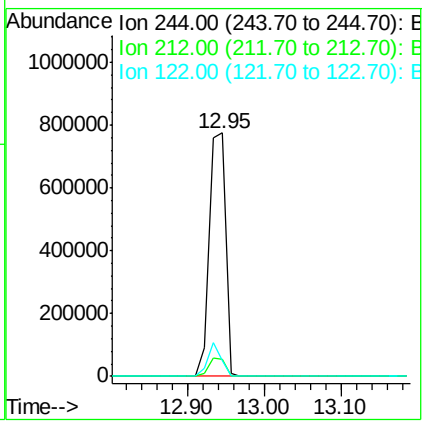


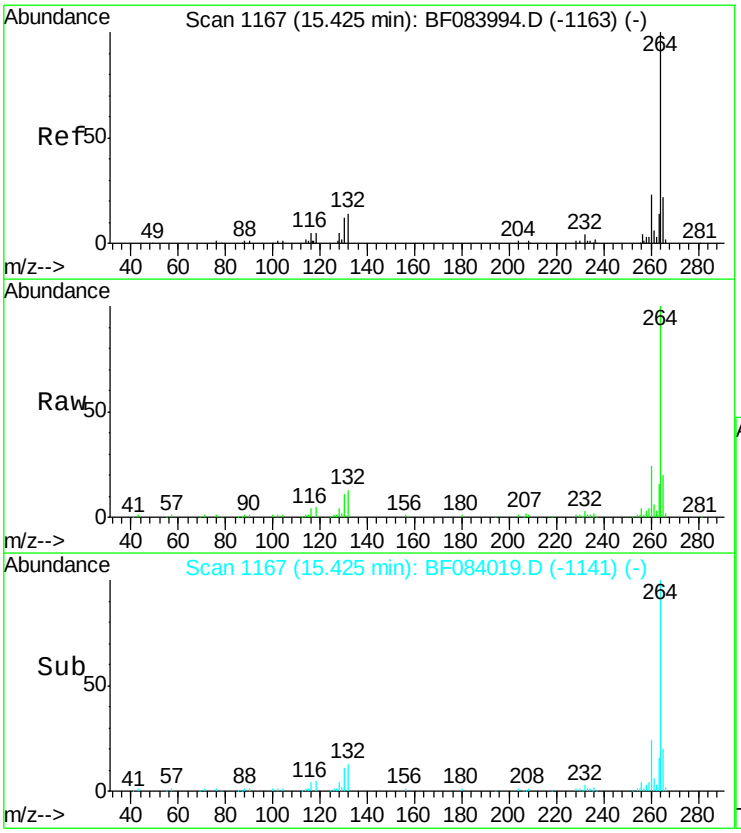
#78
Terphenyl-d14
Concen: 88.47 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:244 Resp: 1127009

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	6.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084019.D
Acq: 23 Dec 2015 5:40

Tgt Ion:264 Resp: 131568

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	20.4	17.8	26.6