Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084880.D
Acq On : 6 Feb 2016 00:42
Operator : SJ/IZ
Sample : H1311-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(5-7)

Quant Time: Feb 06 03:50:14 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	176419	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	717272	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	317722	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	574438	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	401332	20.00	ng	-0.03
86) Perylene-d12	15.17	264	321540	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	159699	14.10	ng	-0.03
7) Phenol-d6	6.30	99	246779	17.58	ng	-0.03
23) Nitrobenzene-d5	7.23	82	136911	10.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.48	330	34610	10.44	ng	-0.05
44) 2-Fluorobiphenyl	9.02	172	270163	10.21	ng	-0.03
78) Terphenyl-d14	12.75	244	203169	11.47	ng	-0.05
Target Compounds						Qvalue
74) Fluoranthene	12.37	202	71017	2.20	ng	98
77) Pyrene	12.60	202	96047	3.13	ng	98

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

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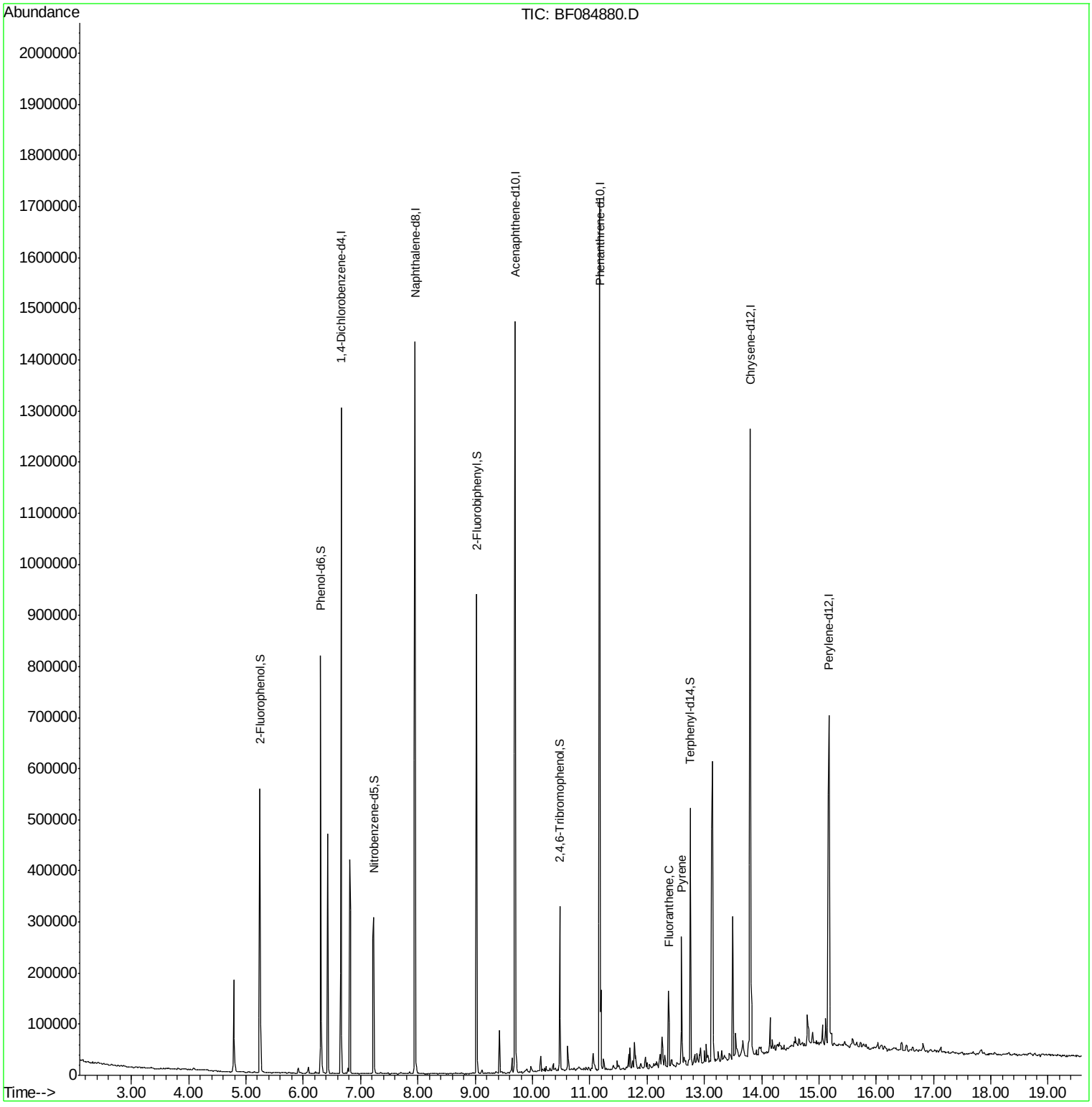
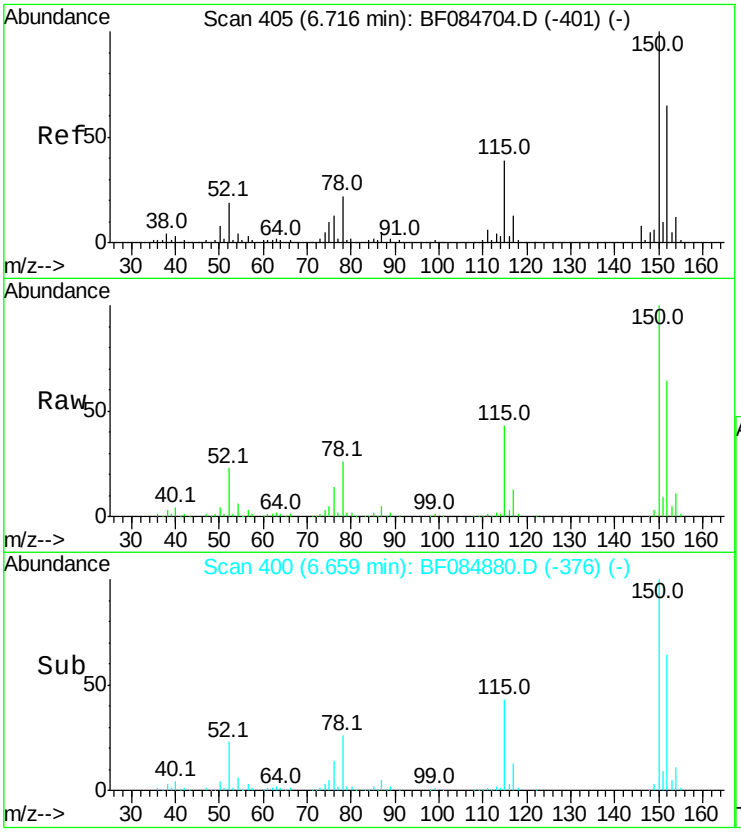


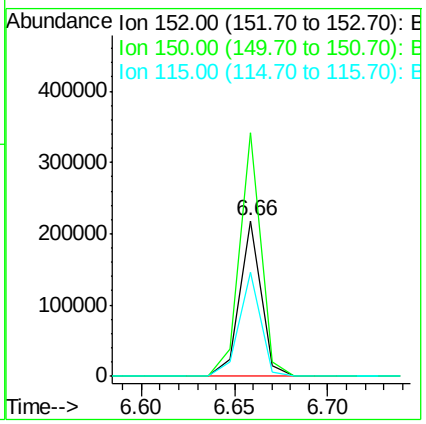


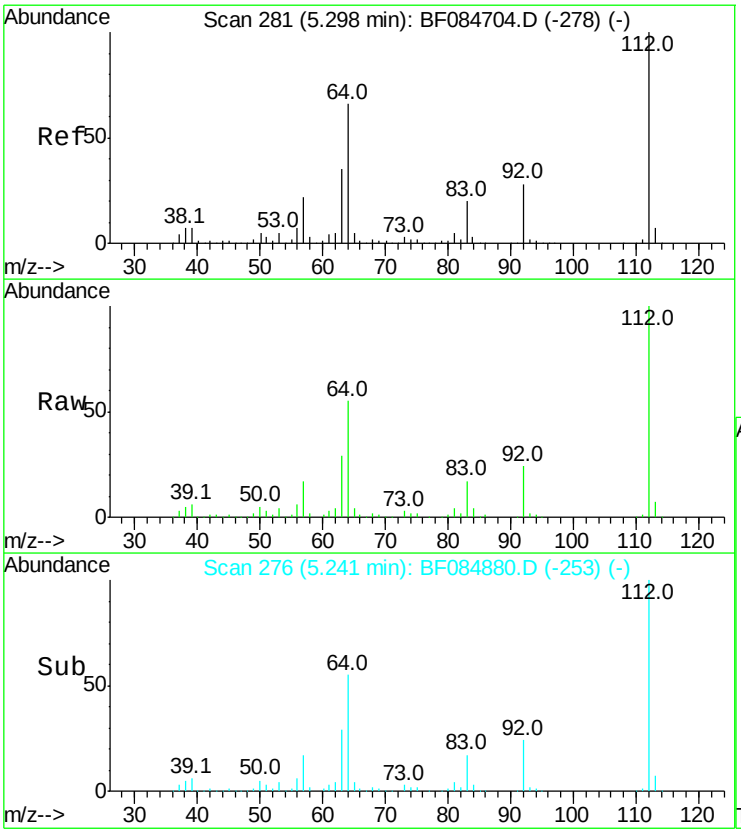
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:152 Resp: 176419

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.0	184.4
115	66.7	51.4	77.2

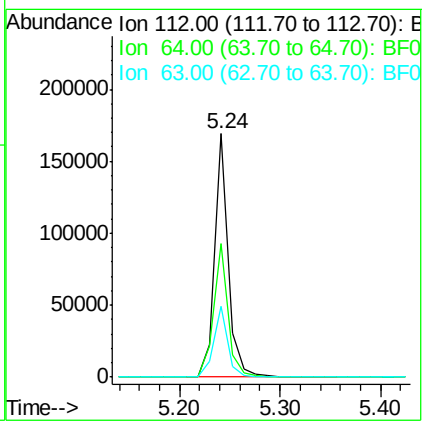


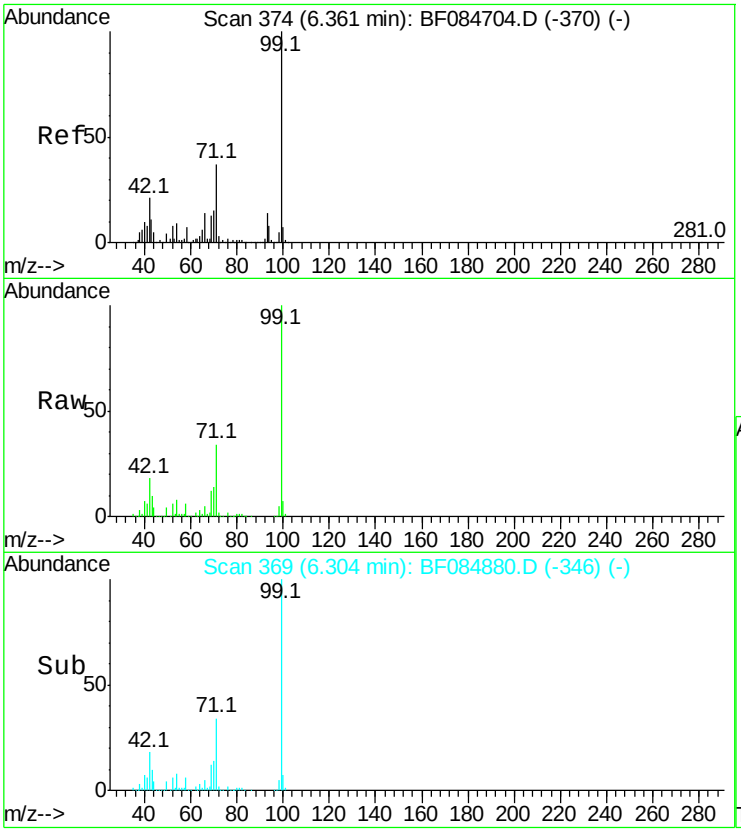


#5
2-Fluorophenol
Concen: 14.10 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Tgt Ion:112 Resp: 159699

Ion	Ratio	Lower	Upper
112	100		
64	54.9	36.6	55.0
63	28.9	19.4	29.0



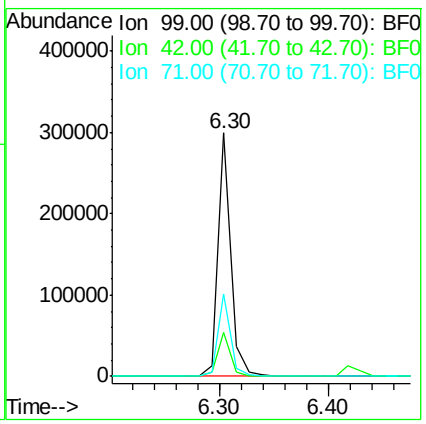


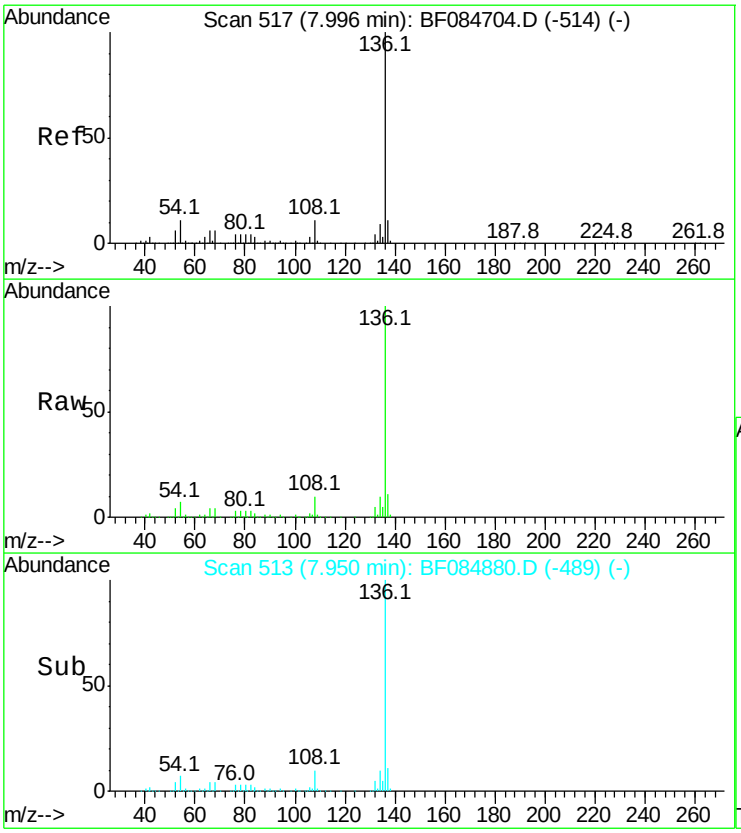
#7
Phenol-d6
Concen: 17.58 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion: 99 Resp: 246779

Ion	Ratio	Lower	Upper
99	100		
42	18.2	12.8	19.2
71	33.7	30.9	46.3

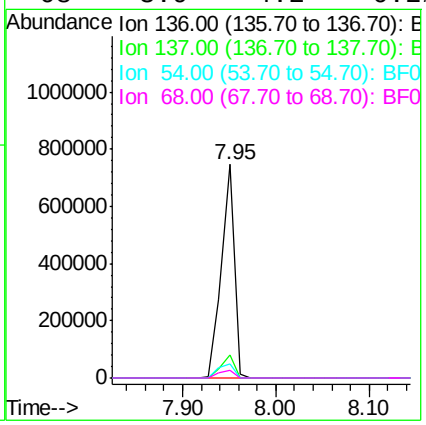


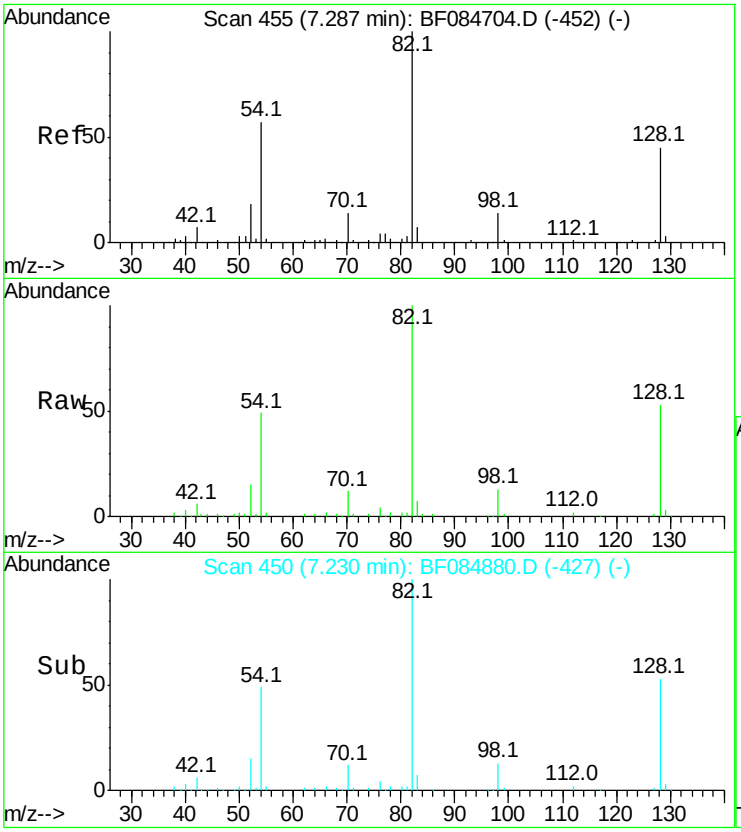


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Tgt Ion:136 Resp: 717272

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.8	8.8
68	3.9	4.2	6.2#



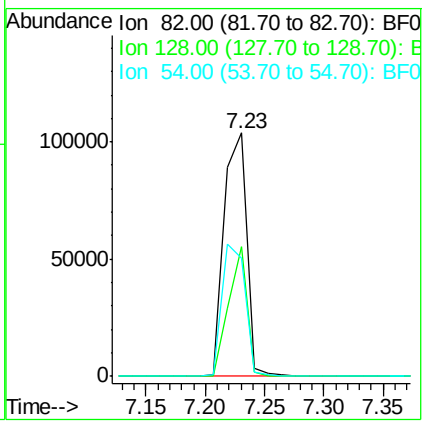


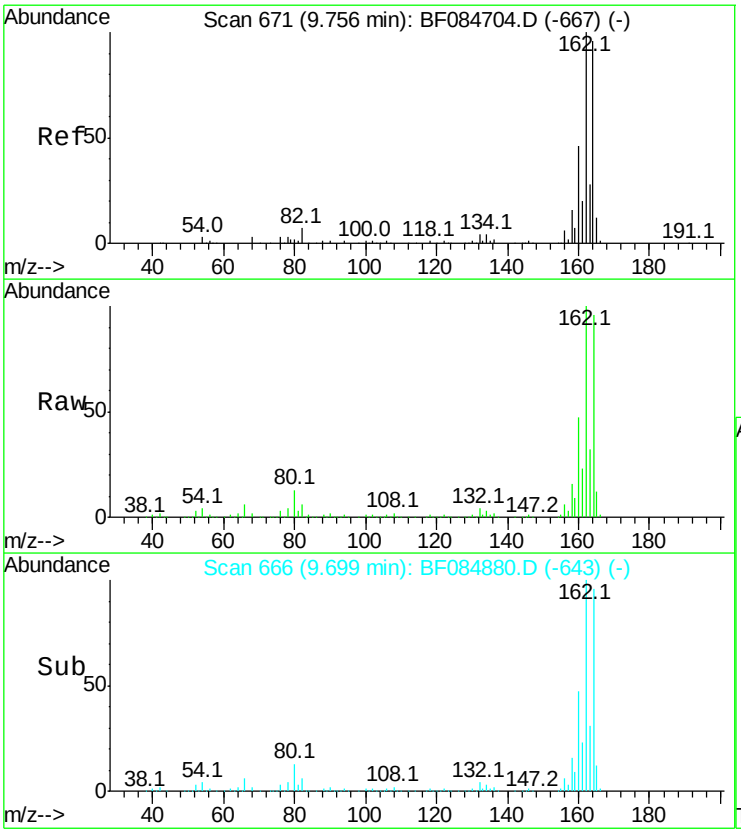
#23
Nitrobenzene-d5
Concen: 10.75 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion: 82 Resp: 136911

Ion	Ratio	Lower	Upper
82	100		
128	53.2	34.6	51.8#
54	48.6	38.4	57.6

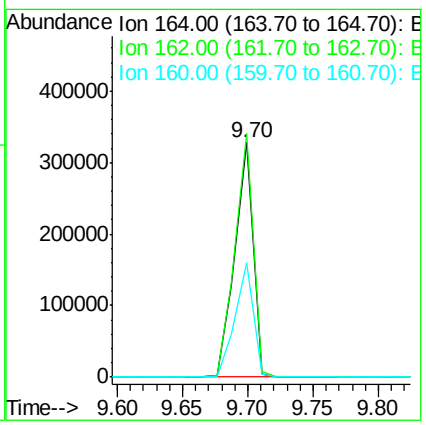


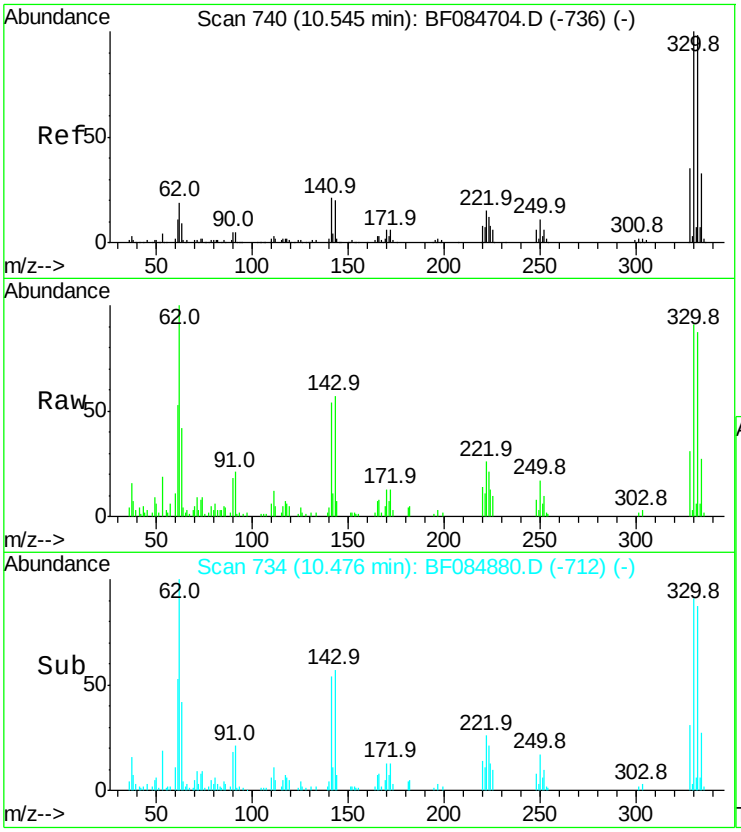


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Tgt Ion:164 Resp: 317722

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	49.1	37.5	56.3



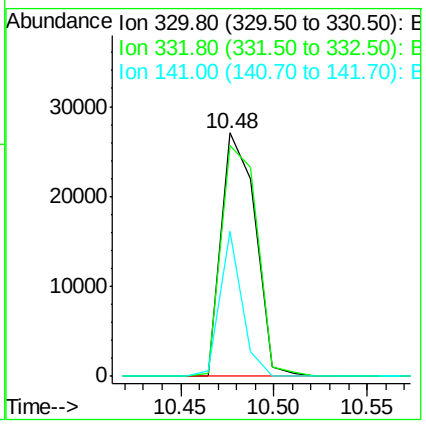


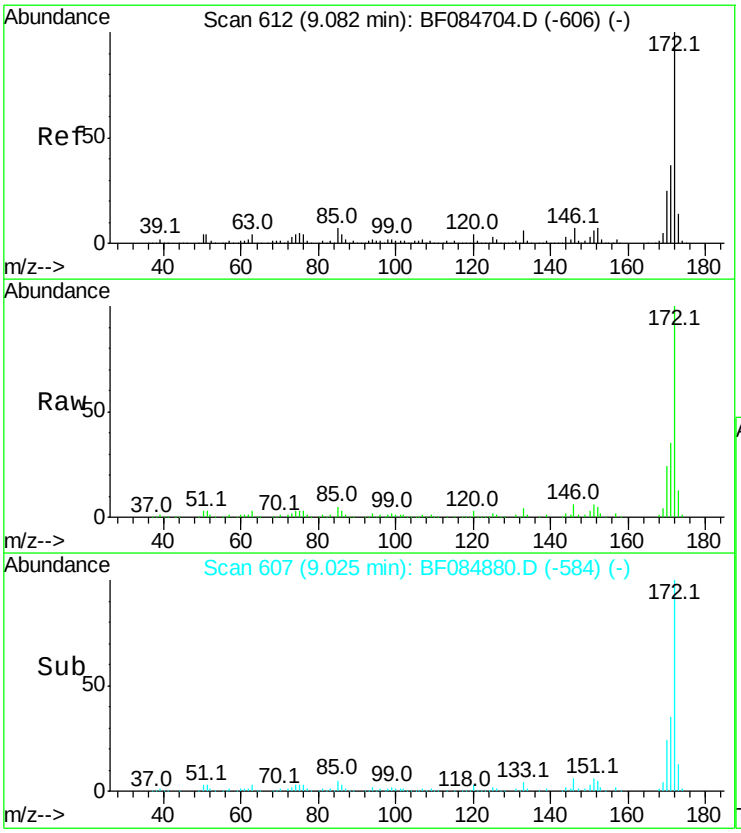
#41
2,4,6-Tribromophenol
Concen: 10.44 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:330 Resp: 34610

Ion	Ratio	Lower	Upper
330	100		
332	100.5	76.6	114.8
141	38.5	27.8	41.6

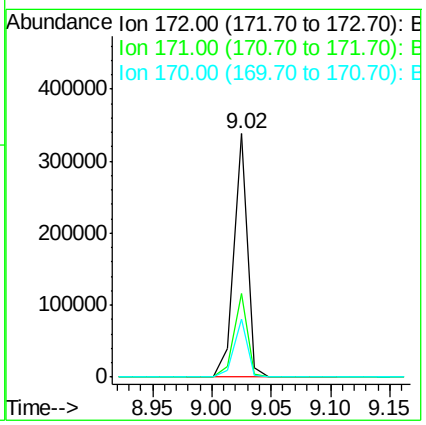


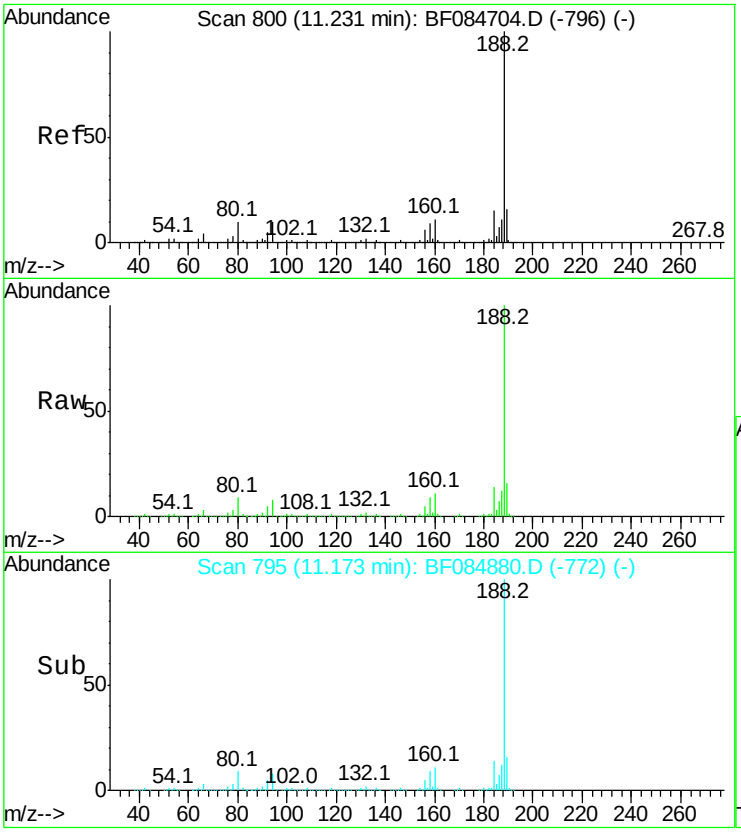


#44
2-Fluorobiphenyl
Concen: 10.21 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Tgt Ion:172 Resp: 270163

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	23.6	18.6	27.8



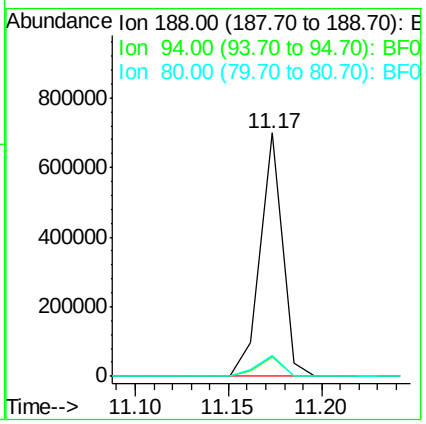


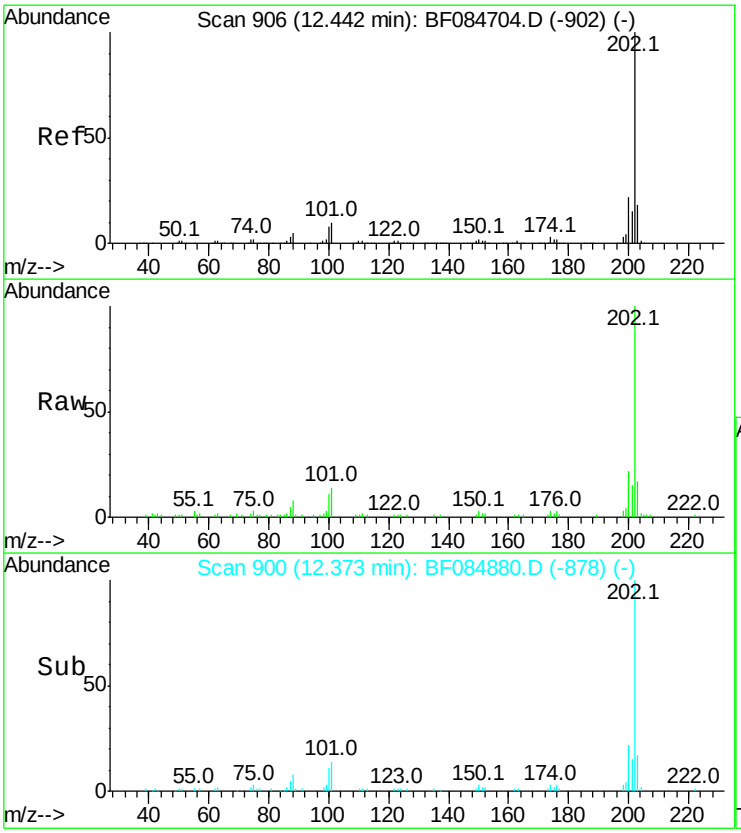
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:188 Resp: 574438

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	8.6	9.6	14.4#

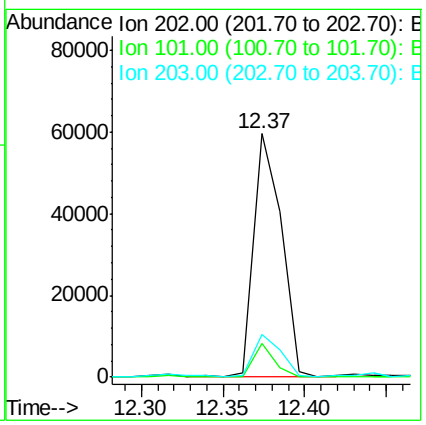


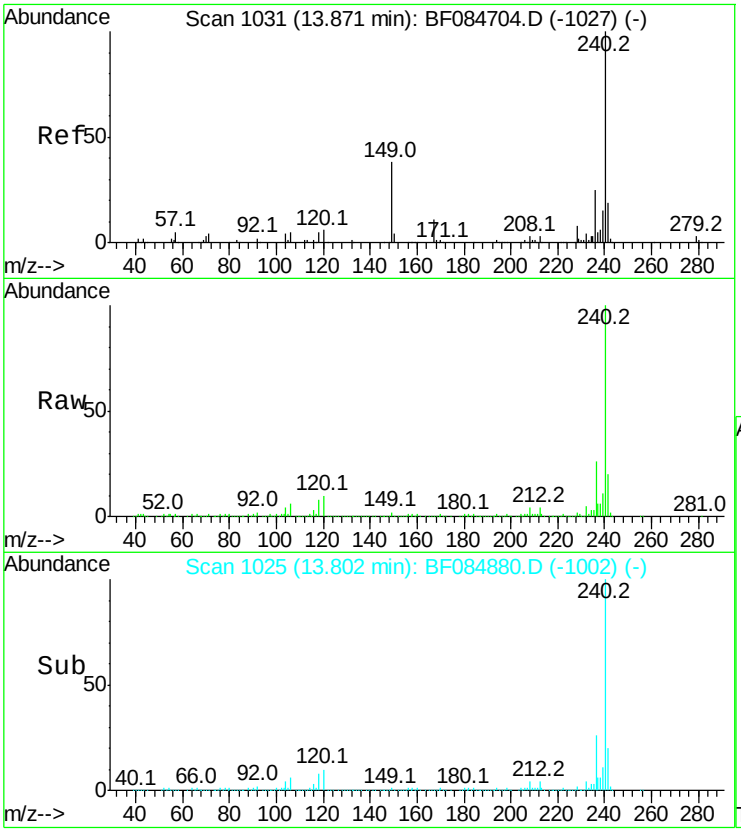


#74
Fluoranthene
Concen: 2.20 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Tgt Ion:202 Resp: 71017

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.8
203	17.3	0.0	37.9



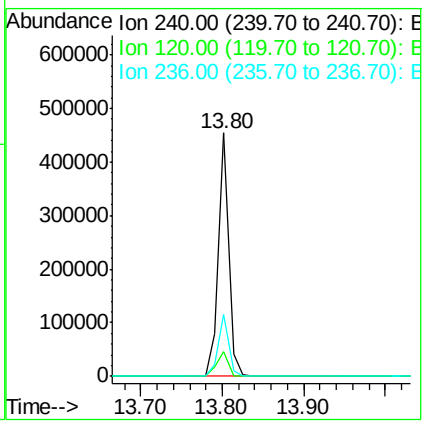


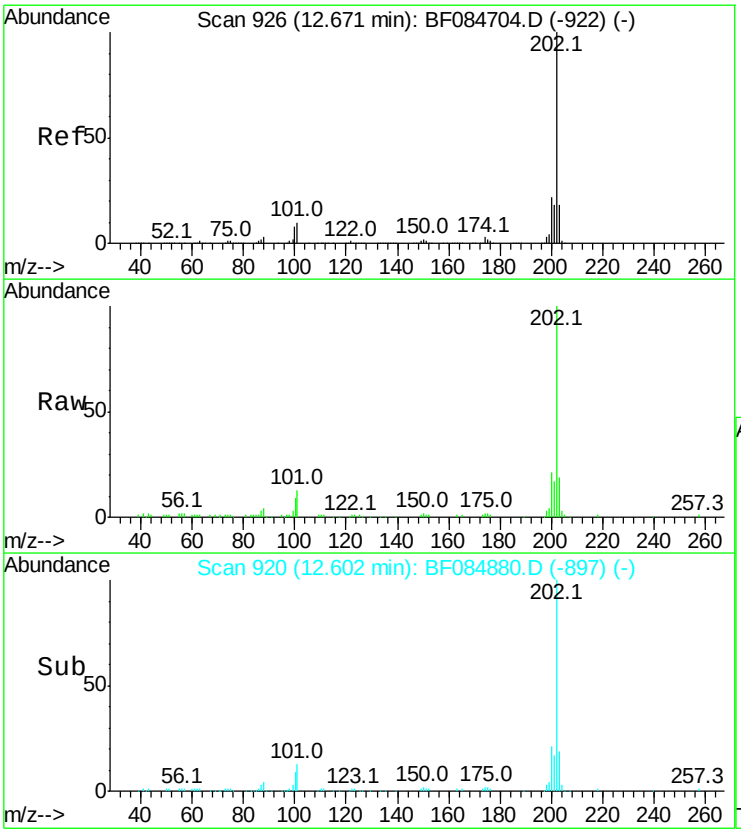
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:240 Resp: 401332

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.6	20.6	31.0

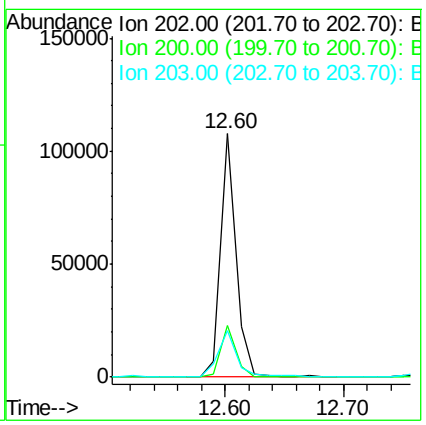


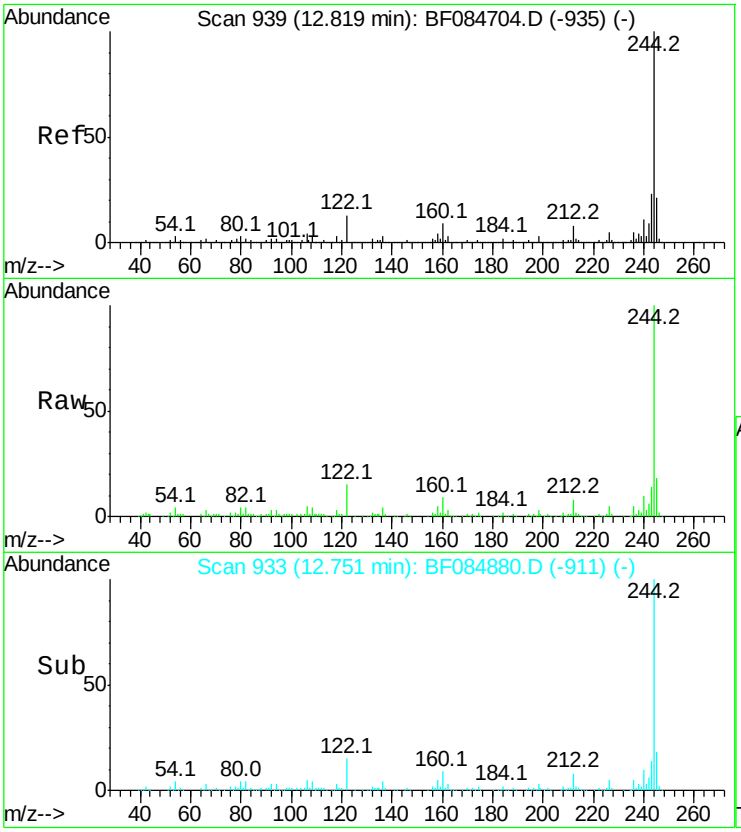


#77
Pyrene
Concen: 3.13 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Tgt Ion:202 Resp: 96047

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	19.1	14.3	21.5



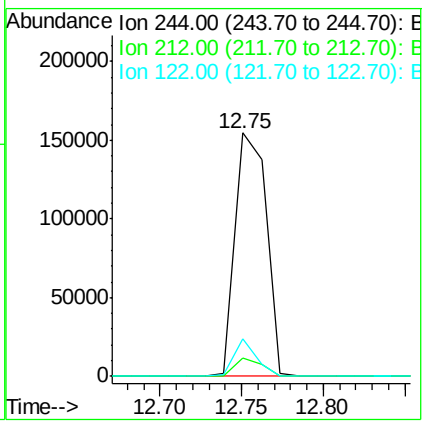


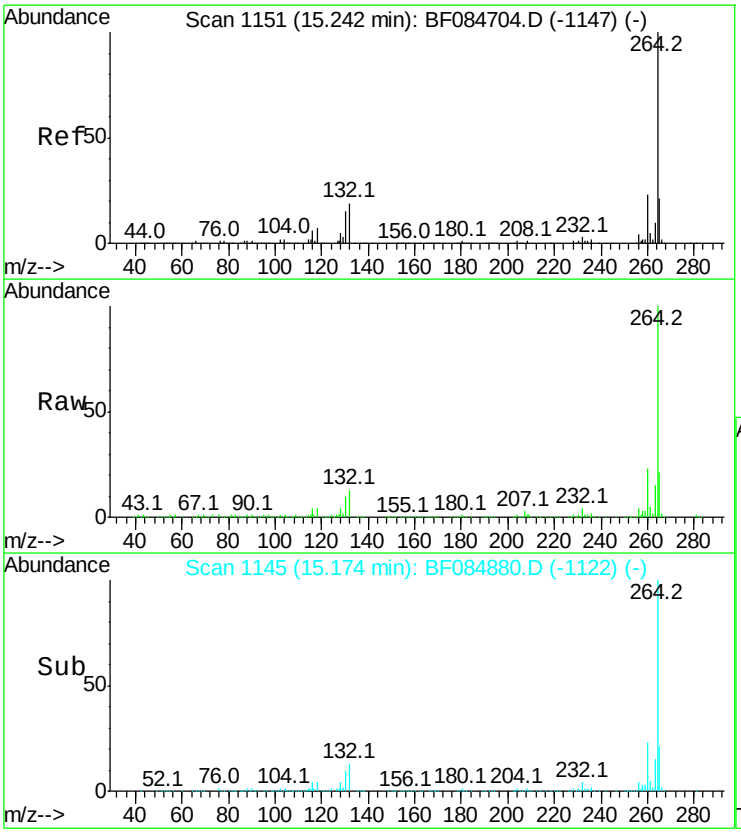
#78
Terphenyl-d14
Concen: 11.47 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084880.D
Acq: 6 Feb 2016 00:42

Instrument :
BNA_F
ClientSampleId :
SUP-B017(5-7)

Tgt Ion:244 Resp: 203169

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	15.3	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: BF084880.D
Acq: 6 Feb 2016 00:42

Tgt Ion:264 Resp: 321540

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.1	17.8	26.6