Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011315\
Data File : BF076852.D
Acq On : 13 Jan 2015 20:19
Operator : IZ / TP
Sample : G1069-01
Misc : S DOD
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0410

Quant Time: Jan 14 12:03:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	31203	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	134400	20.00	ng	-0.03
38) Acenaphthene-d10	15.08	164	72101	20.00	ng	-0.06
63) Phenanthrene-d10	17.82	188	120442	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	115633	20.00	ng	-0.05
86) Perylene-d12	22.97	264	107656	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	188747	100.94	ng	-0.05
7) Phenol-d6	7.45	99	246016	104.50	ng	-0.05
23) Nitrobenzene-d5	9.35	82	150966	62.42	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	51494	85.57	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	286715	58.53	ng	-0.05
78) Terphenyl-d14	20.04	244	258845	49.15	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.49	94	5982	2.33	ng	84
49) Dimethylphthalate	14.67	163	21860	4.17	ng	100

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

Quantitation Report (QT/LSC Reviewed)

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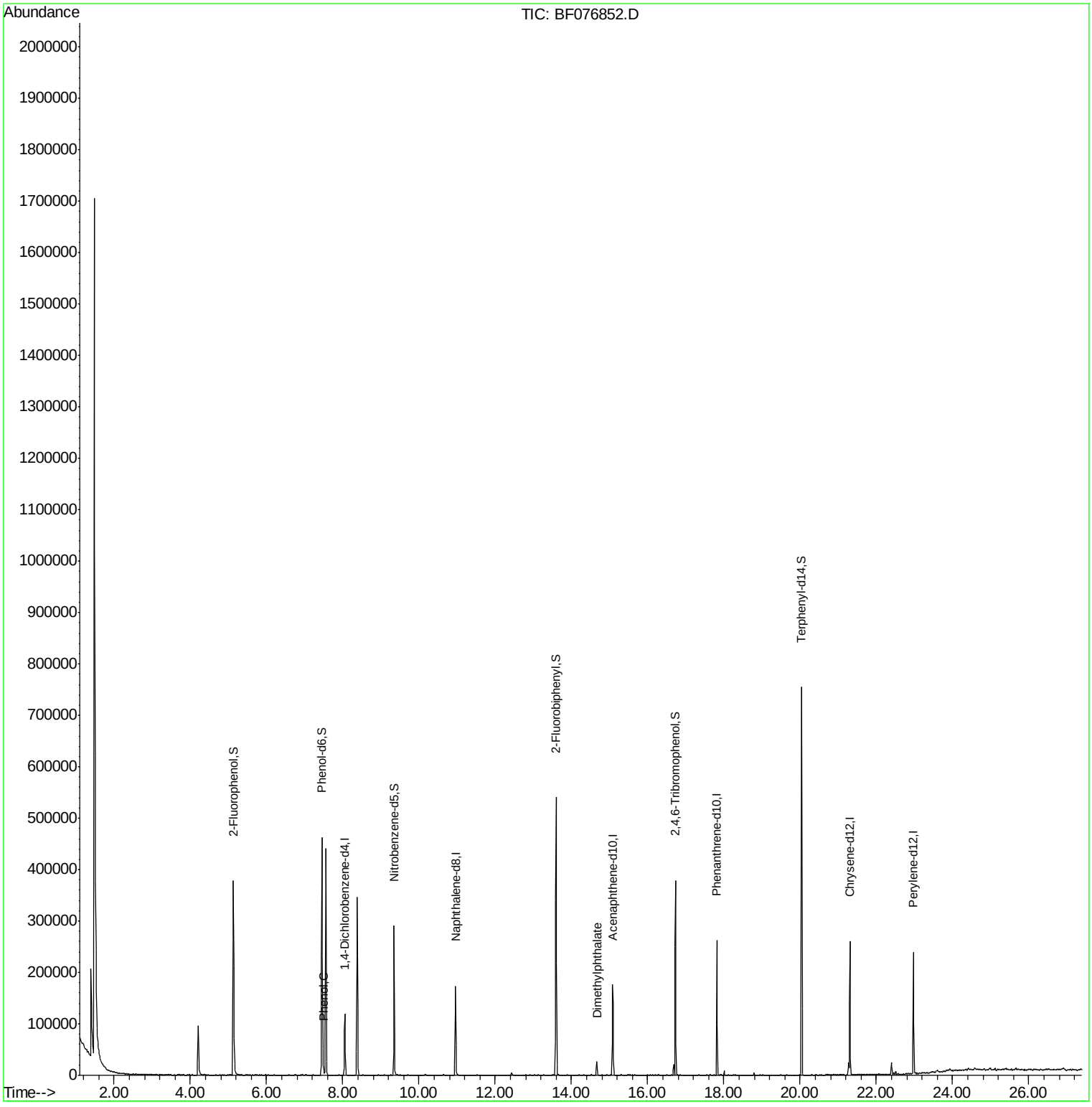
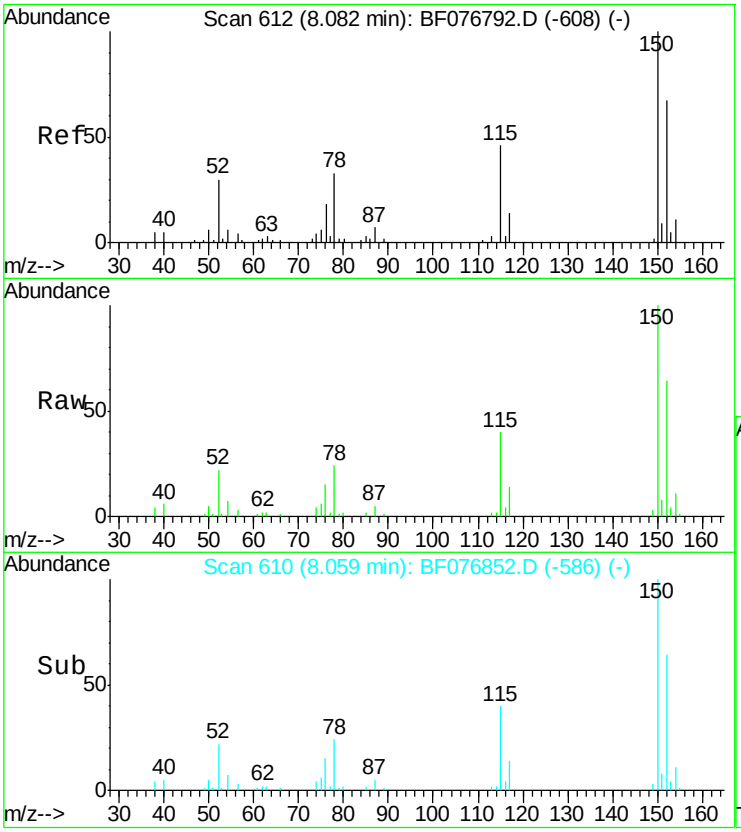


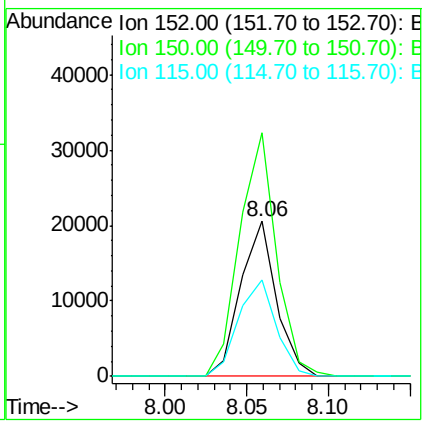


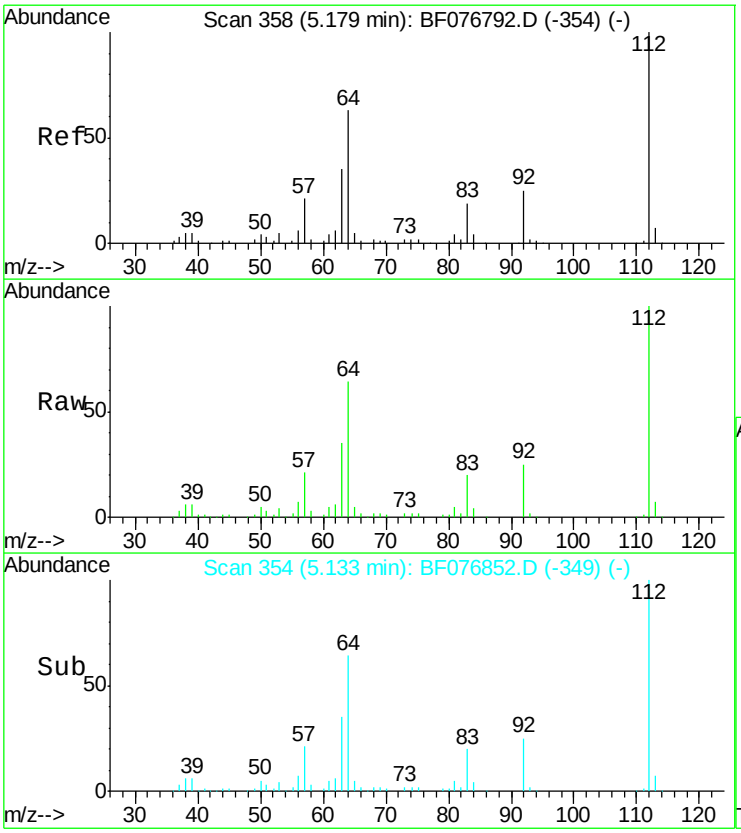
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampleId :
S8-0410

Tgt Ion:152 Resp: 31203

Ion	Ratio	Lower	Upper
152	100		
150	157.3	119.5	179.3
115	62.2	54.6	81.8

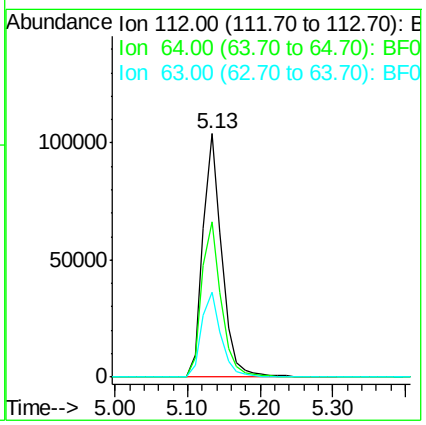


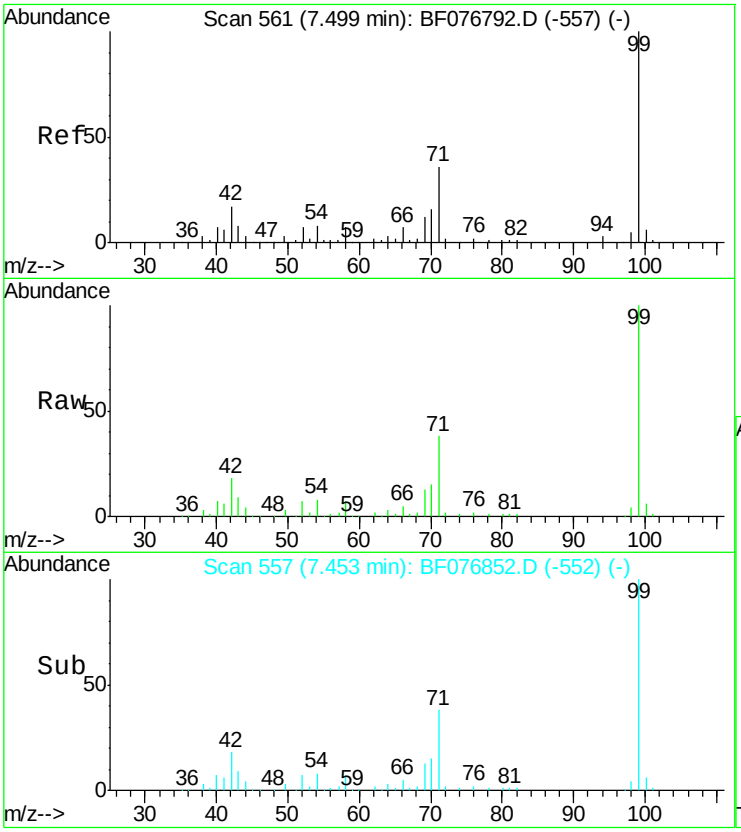


#5
2-Fluorophenol
Concen: 100.94 ng
RT: 5.13 min Scan# 354
Delta R.T. -0.05 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion:112 Resp: 188747

Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.2	75.4
63	35.1	27.8	41.6



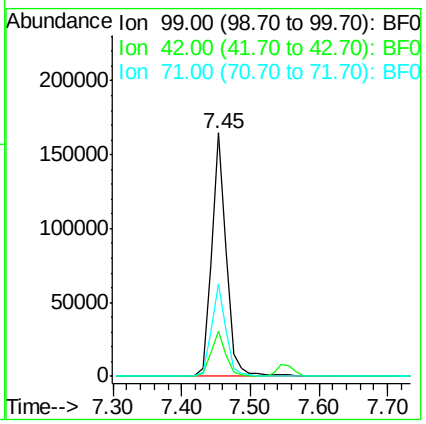


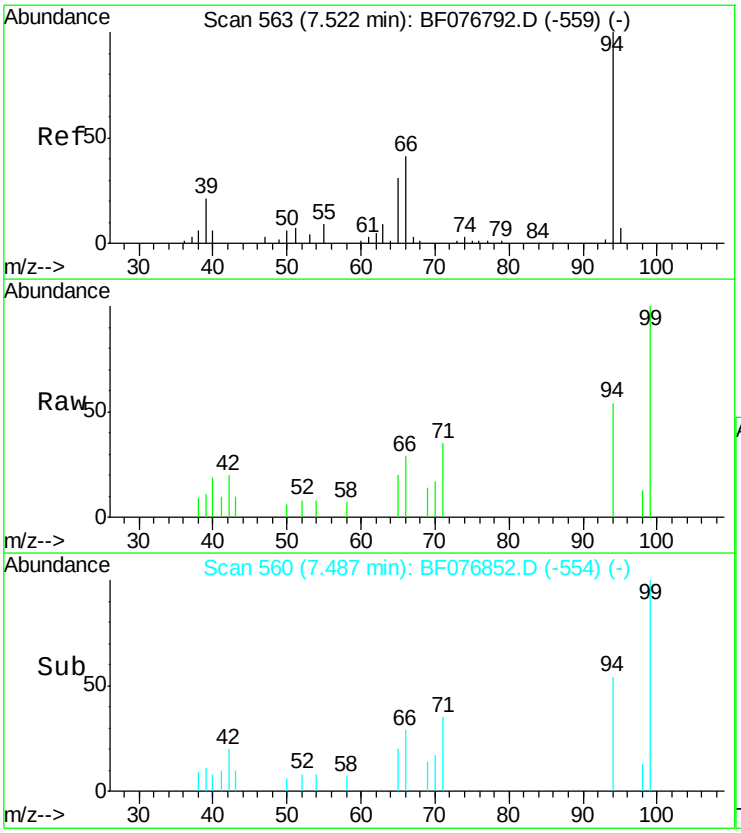
#7
Phenol-d6
Concen: 104.50 ng
RT: 7.45 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampleId :
S8-0410

Tgt Ion: 99 Resp: 246016

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.3	19.9
71	38.2	29.2	43.8

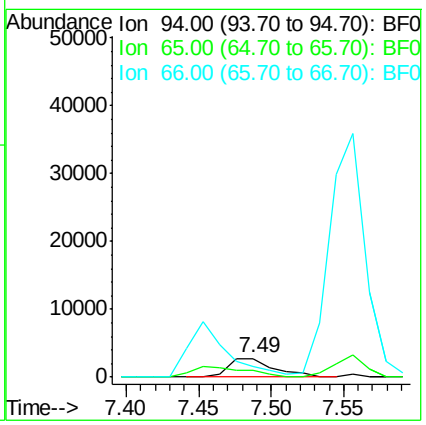


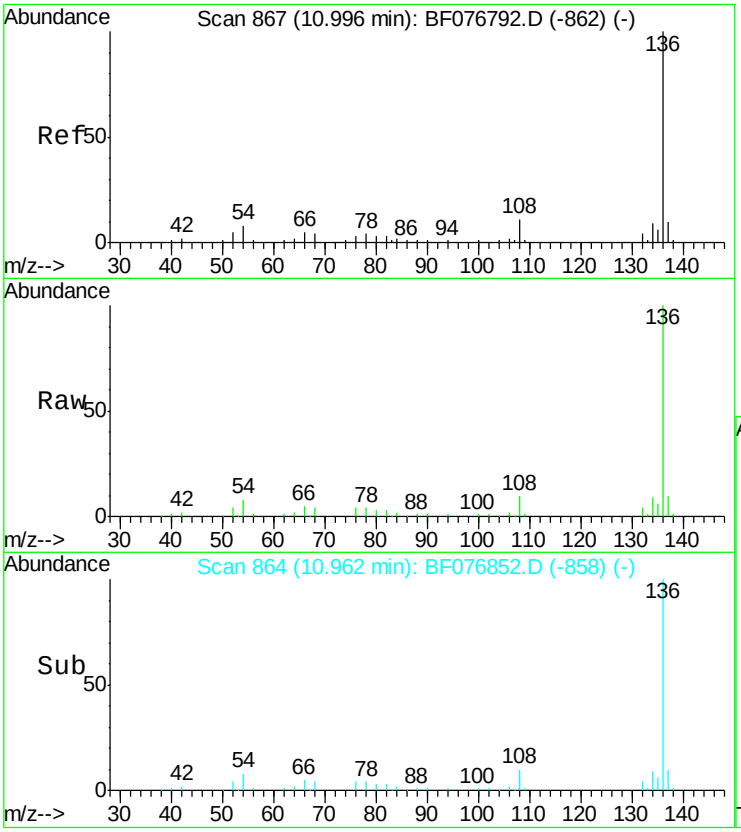


#10
Phenol
Concen: 2.33 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion: 94 Resp: 5982

Ion	Ratio	Lower	Upper
94	100		
65	38.1	11.6	51.6
66	54.3	22.3	62.3



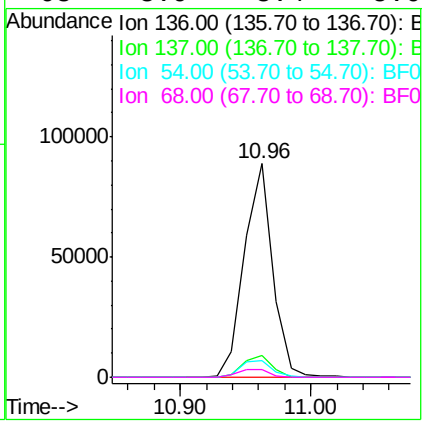


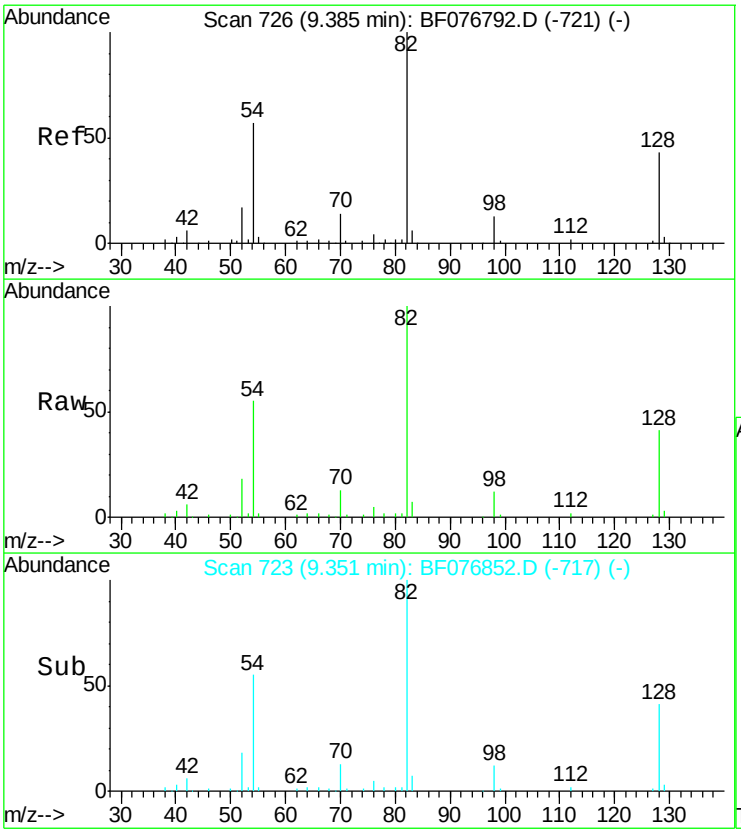
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 864
Delta R.T. -0.03 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampleId :
S8-0410

Tgt Ion:136 Resp: 134400

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.1	12.1
54	7.5	6.3	9.5
68	3.9	3.4	5.0

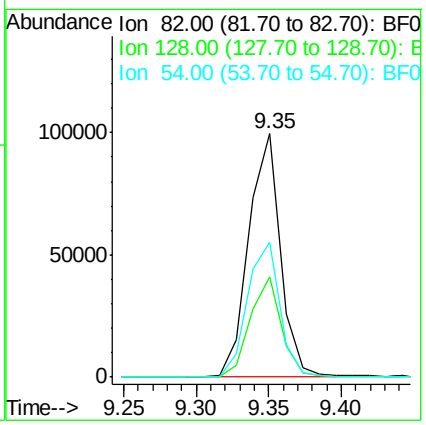


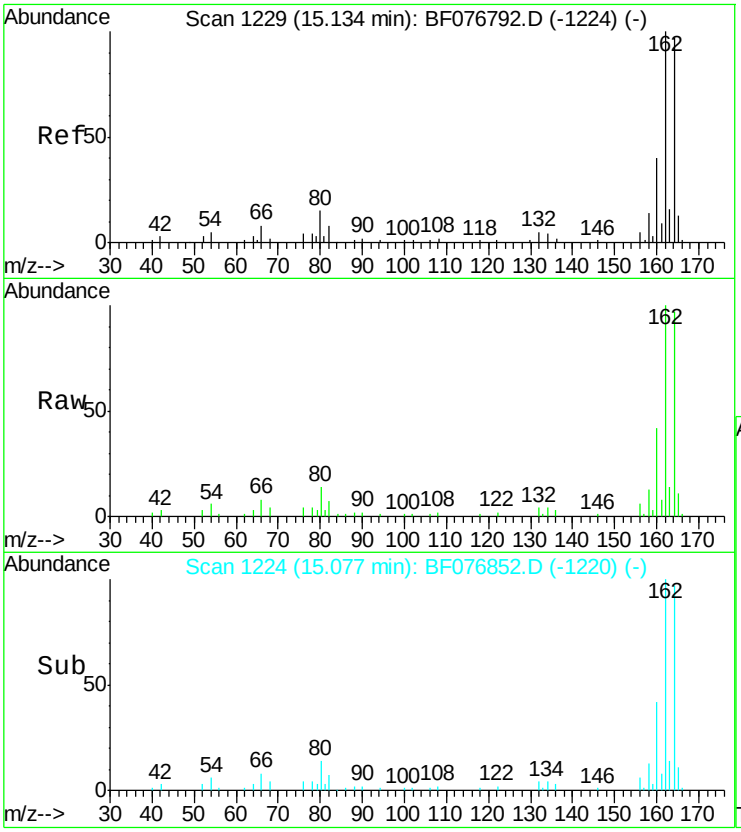


#23
Nitrobenzene-d5
Concen: 62.42 ng
RT: 9.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion: 82 Resp: 150966

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	55.3	45.6	68.4



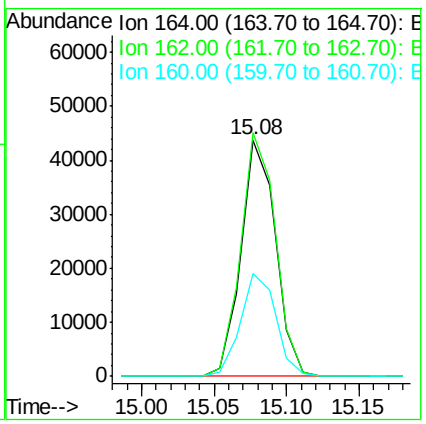


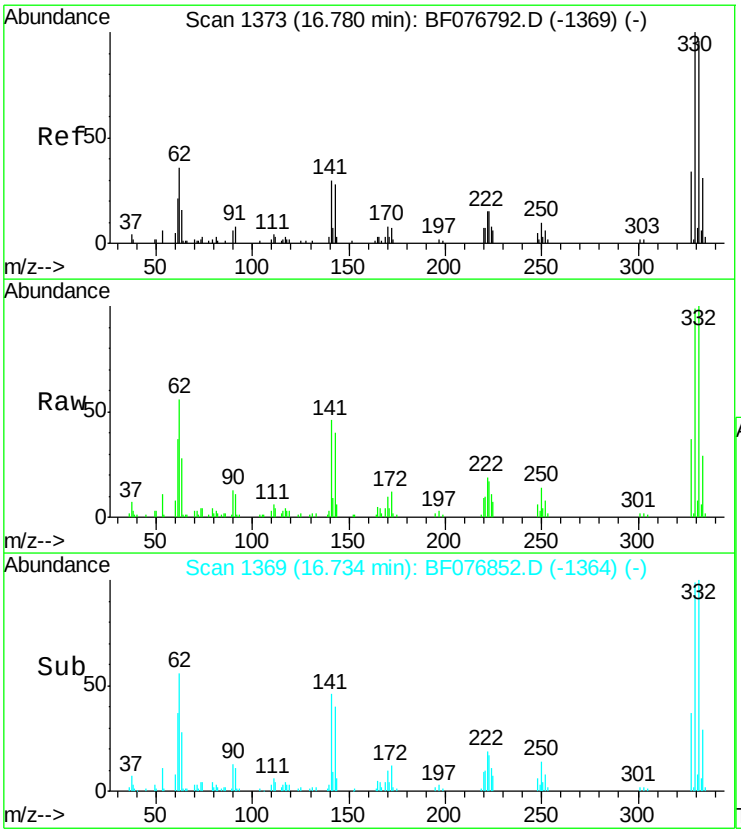
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1224
Delta R.T. -0.06 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampleId :
S8-0410

Tgt Ion:164 Resp: 72101

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.5	123.7
160	43.4	33.1	49.7

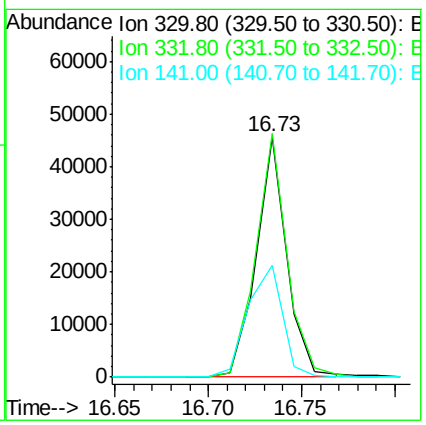


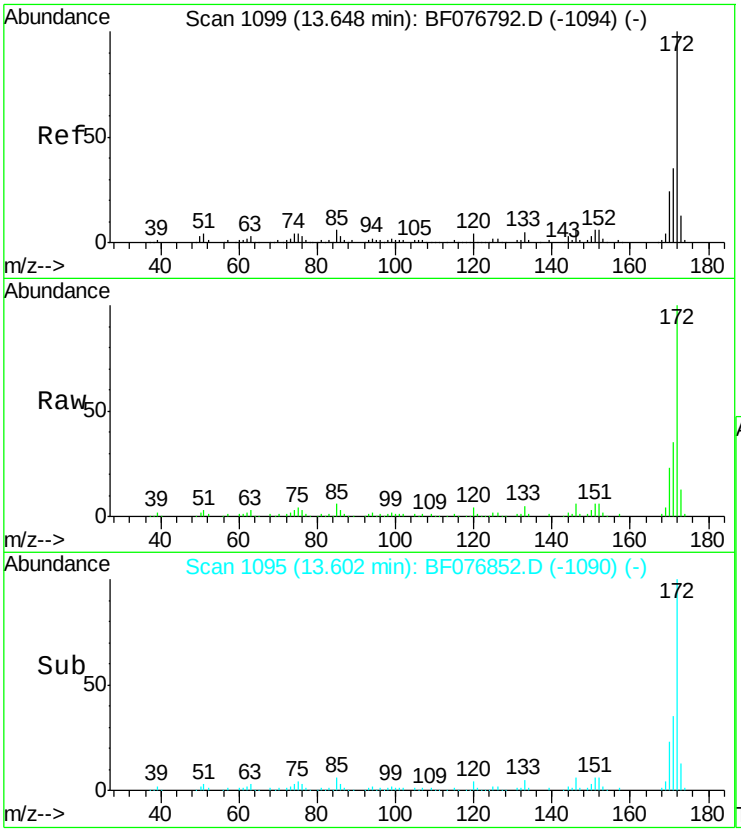


#41
2,4,6-Tribromophenol
Concen: 85.57 ng
RT: 16.73 min Scan# 1369
Delta R.T. -0.05 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion:330 Resp: 51494

Ion	Ratio	Lower	Upper
330	100		
332	104.6	74.8	112.2
141	53.4	42.4	63.6



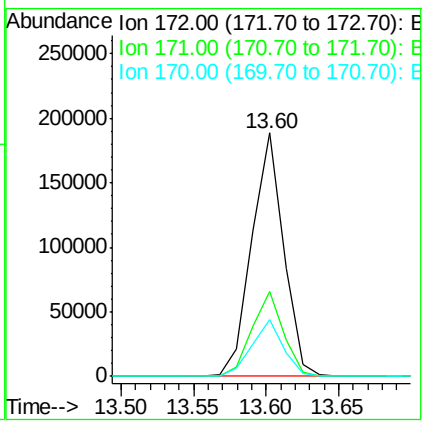


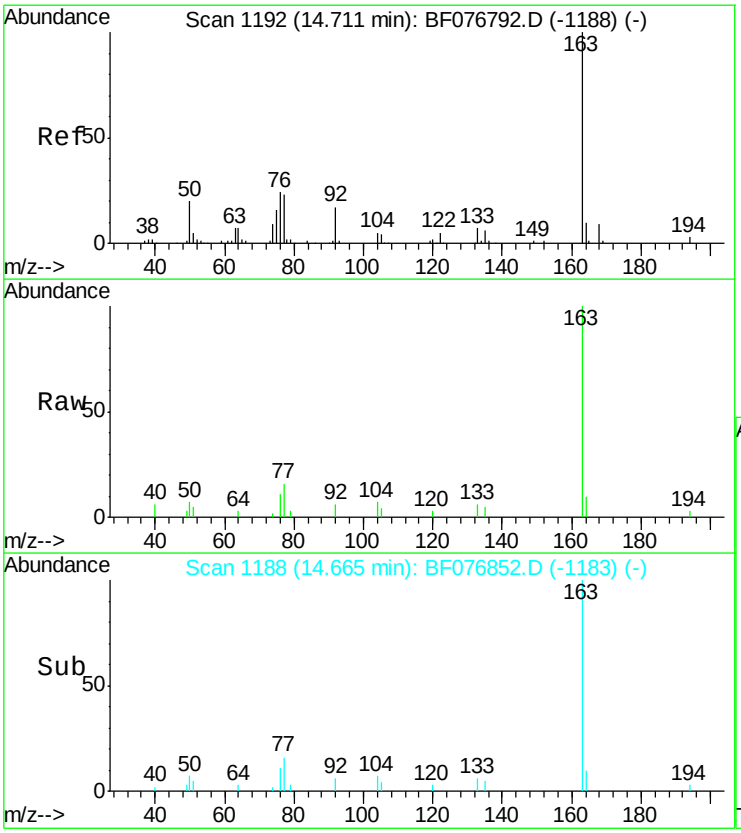
#44
2-Fluorobiphenyl
Concen: 58.53 ng
RT: 13.60 min Scan# 1095
Delta R.T. -0.05 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampleId :
S8-0410

Tgt Ion:172 Resp: 286715

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.3	18.8	28.2

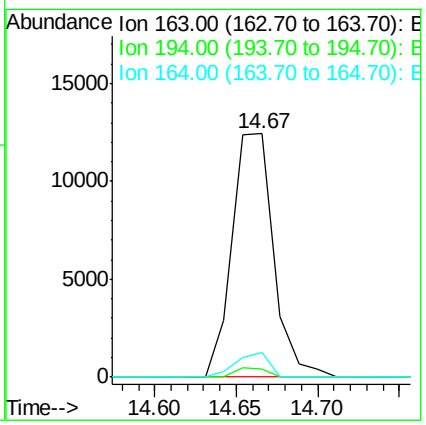


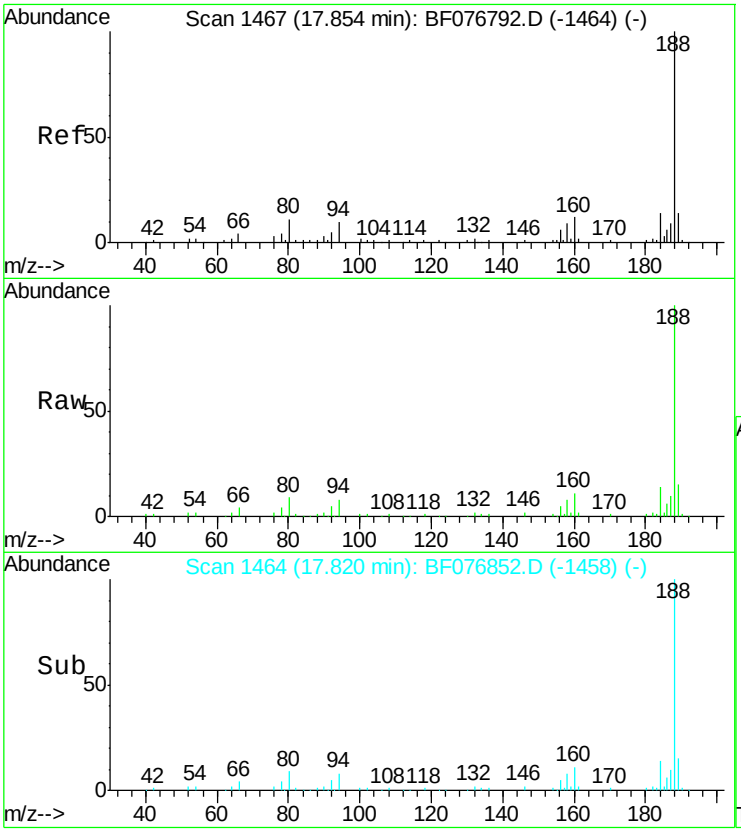


#49
Dimethylphthalate
Concen: 4.17 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion:163 Resp: 21860

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.3	3.5
164	10.3	8.3	12.5



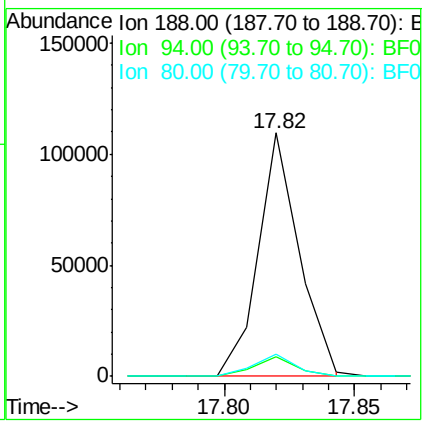


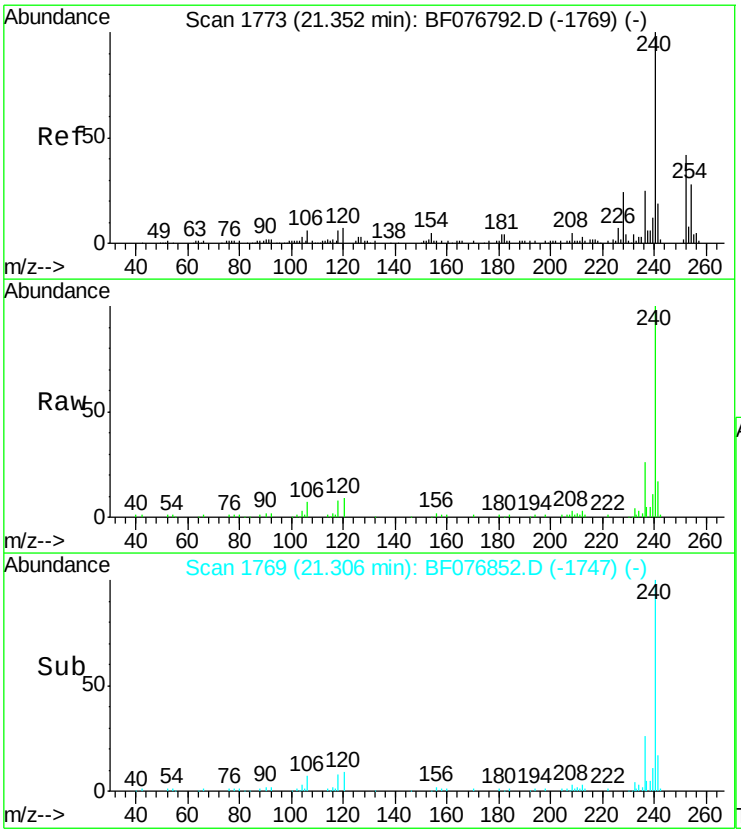
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. -0.03 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampleId :
S8-0410

Tgt Ion:188 Resp: 120442

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.8	11.6
80	8.9	8.6	13.0

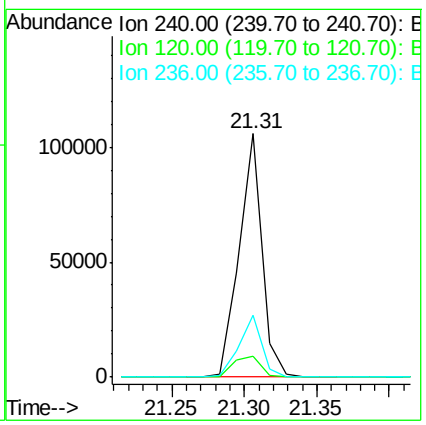


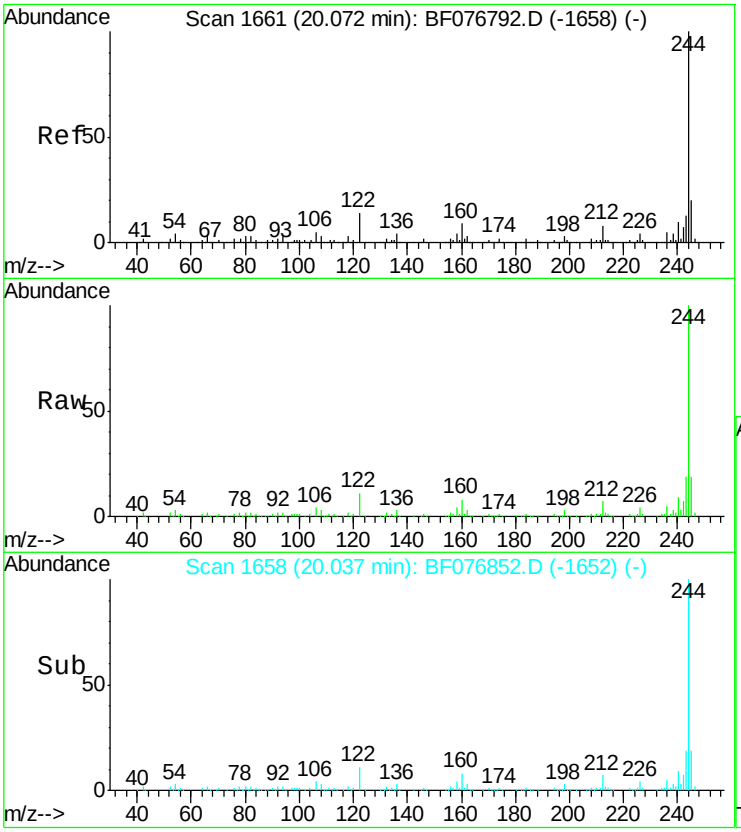


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. -0.05 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion:240 Resp: 115633

Ion	Ratio	Lower	Upper
240	100		
120	8.8	5.7	8.5#
236	25.6	19.7	29.5



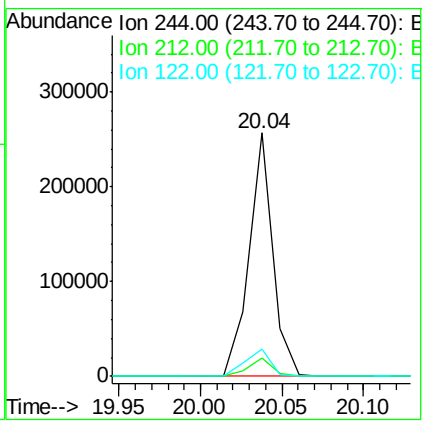


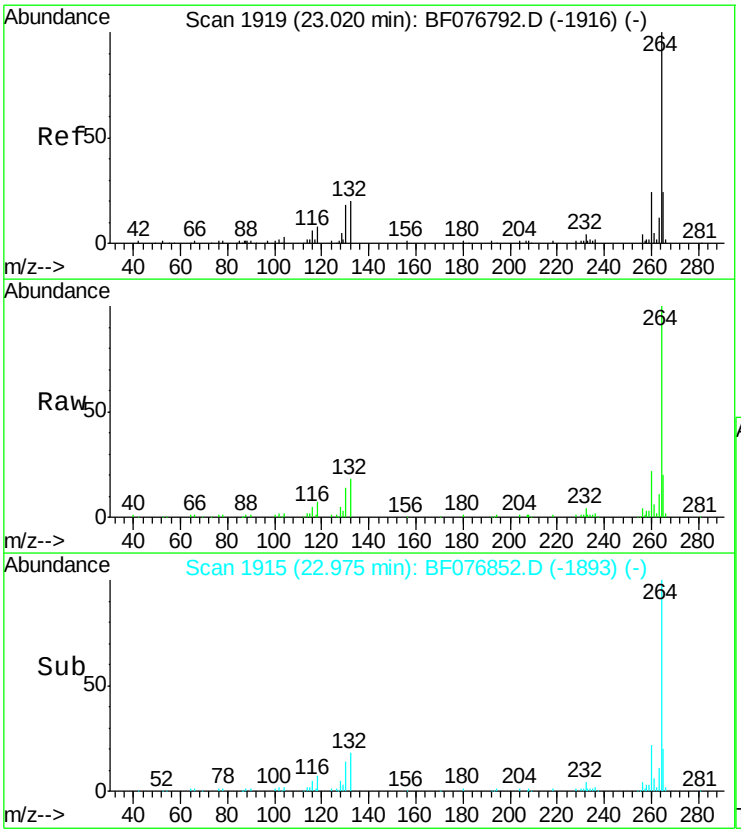
#78
Terphenyl-d14
Concen: 49.15 ng
RT: 20.04 min Scan# 1658
Delta R.T. -0.03 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Instrument :
BNA_F
ClientSampleId :
S8-0410

Tgt Ion:244 Resp: 258845

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.1	11.3	16.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.97 min Scan# 1915
Delta R.T. -0.05 min
Lab File: BF076852.D
Acq: 13 Jan 2015 20:19

Tgt Ion:264 Resp: 107656

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.4	29.0
265	20.2	18.9	28.3