Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086554.D
Acq On : 1 May 2016 6:39
Operator : UM/SJ
Sample : H2737-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-15-4-26-16

Quant Time: May 02 01:46:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132556	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	578310	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	287327	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	533583	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	409180	20.00	ng	-0.06
86) Perylene-d12	15.30	264	341515	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	540256	70.30	ng	-0.03
7) Phenol-d6	6.40	99	443808	41.38	ng	-0.05
23) Nitrobenzene-d5	7.33	82	996309	92.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	385158	127.11	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1469505	90.82	ng	-0.05
78) Terphenyl-d14	12.88	244	1471686	79.24	ng	-0.03
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.86	142	39996	2.30	ng	96
51) Acenaphthene	9.84	154	282822	15.43	ng	98

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

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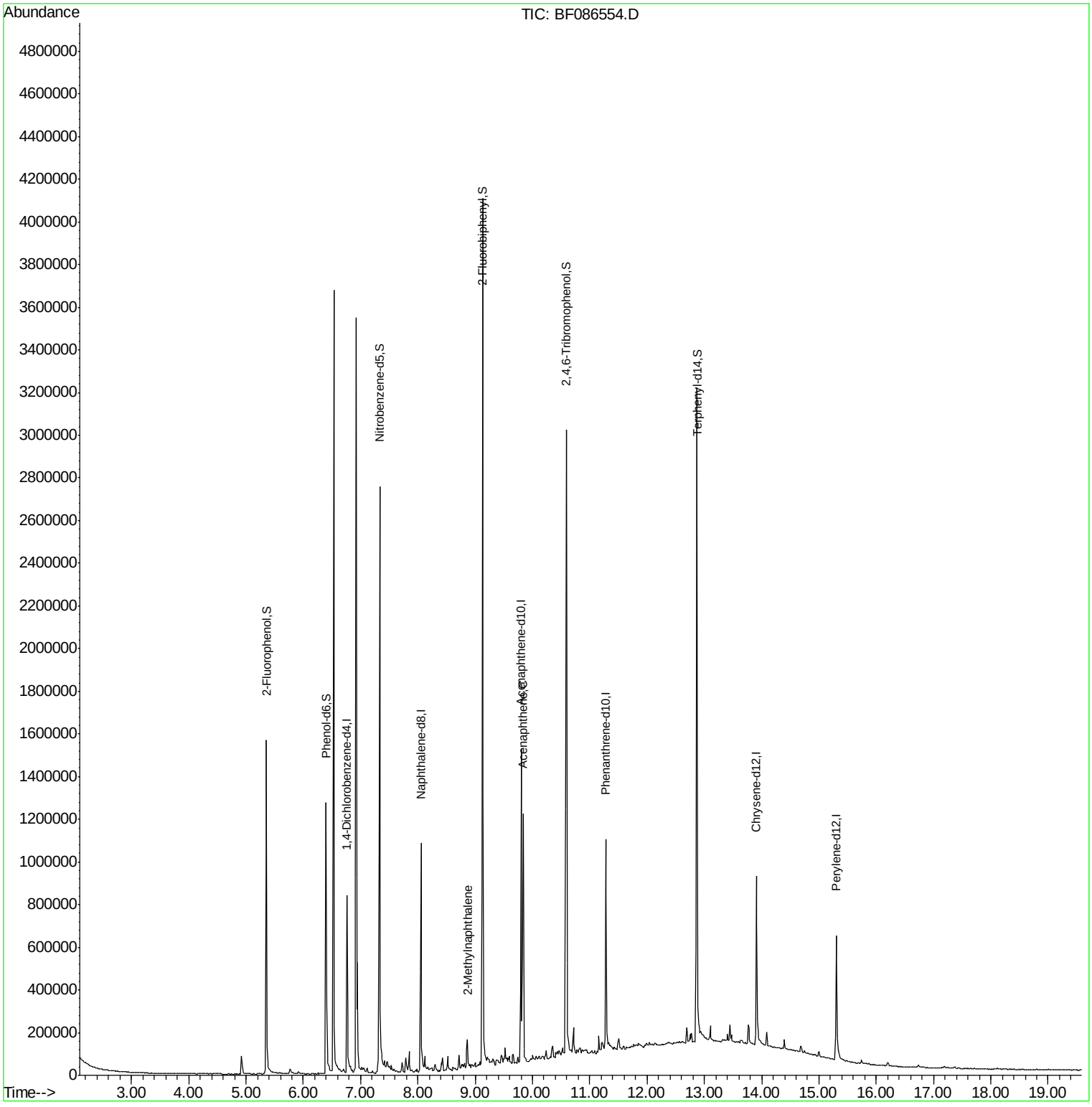
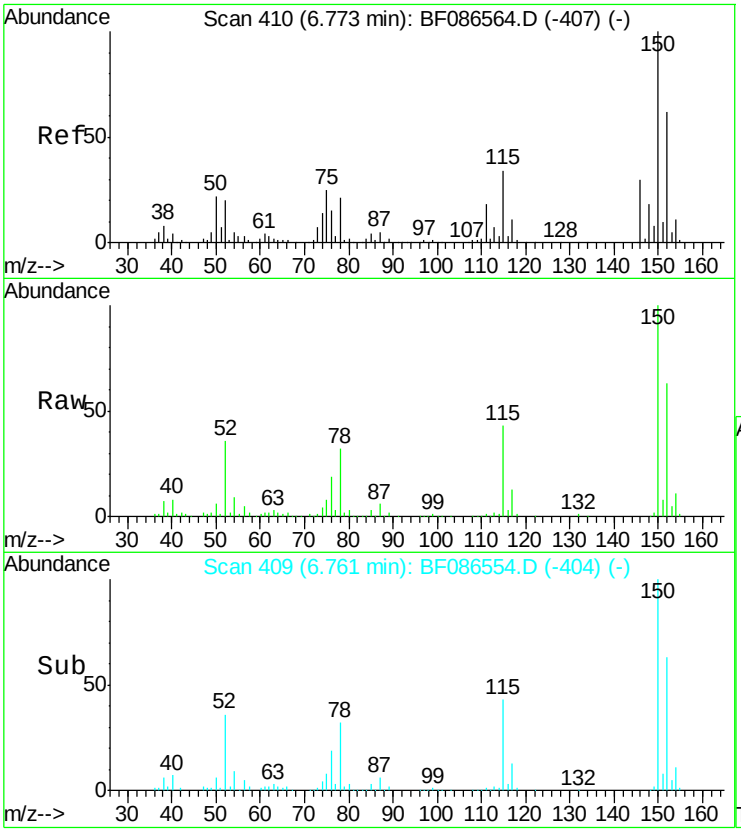


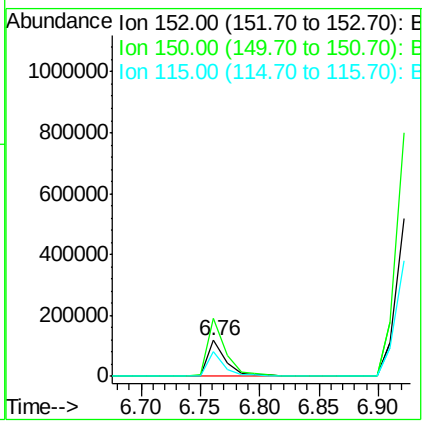


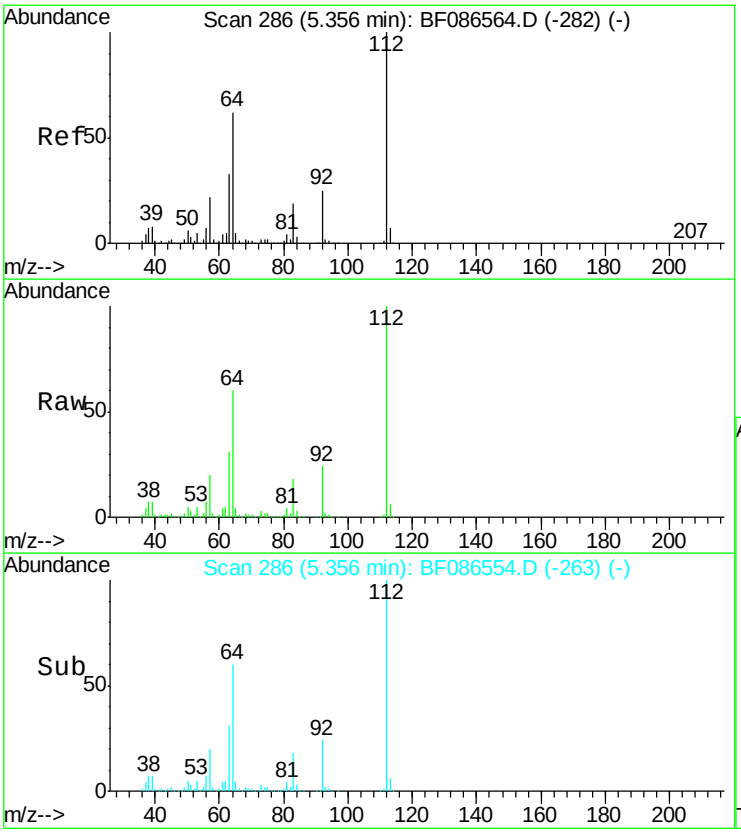
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Tgt Ion:152 Resp: 132556

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.8	188.6
115	68.6	51.5	77.3

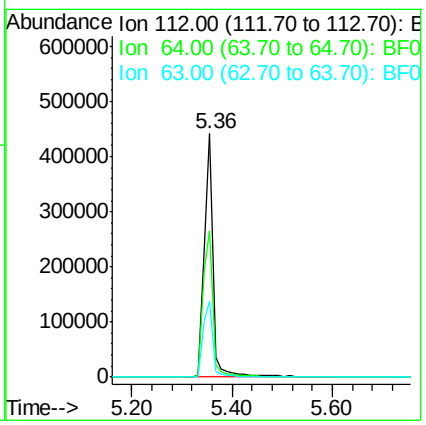


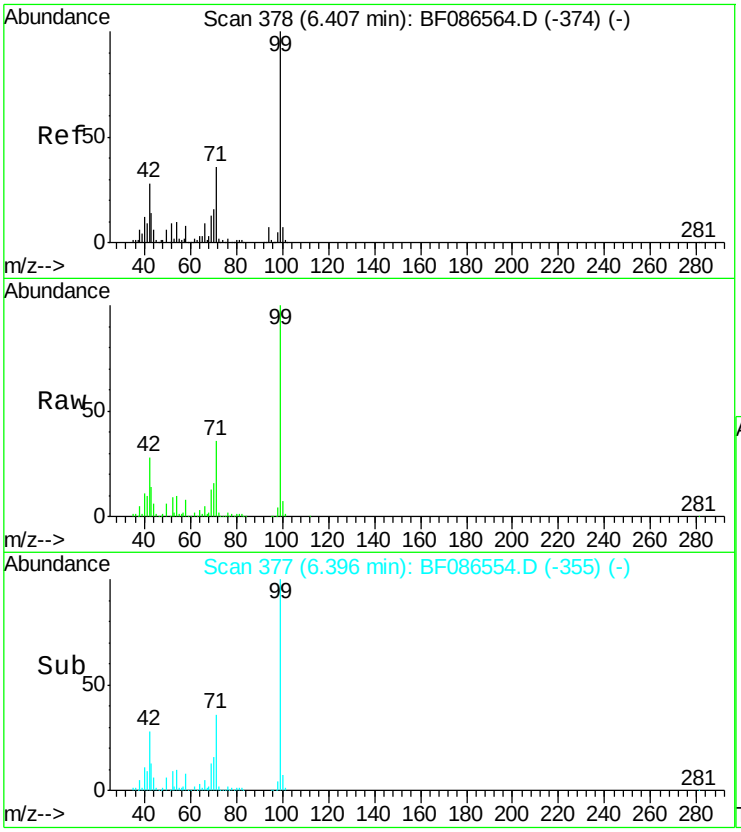


#5
2-Fluorophenol
Concen: 70.30 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion:112 Resp: 540256

Ion	Ratio	Lower	Upper
112	100		
64	60.1	52.1	78.1
63	31.4	25.7	38.5



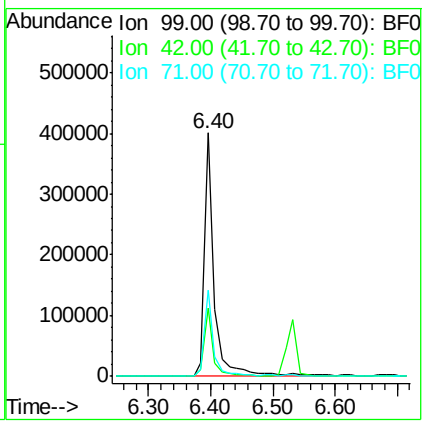


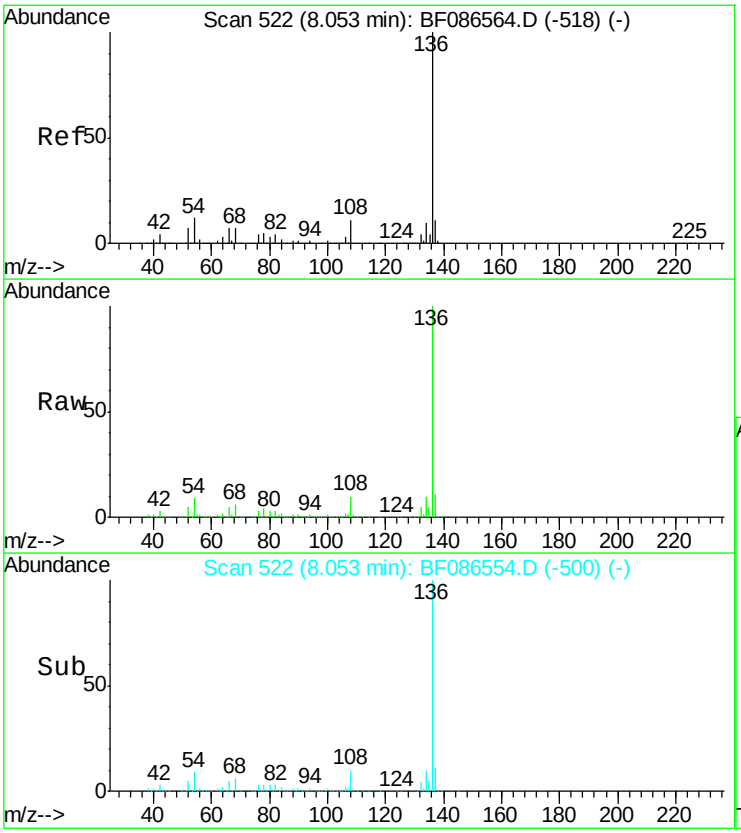
#7
Phenol-d6
Concen: 41.38 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Tgt Ion: 99 Resp: 443808

Ion	Ratio	Lower	Upper
99	100		
42	27.9	13.6	20.4#
71	35.6	24.6	36.8

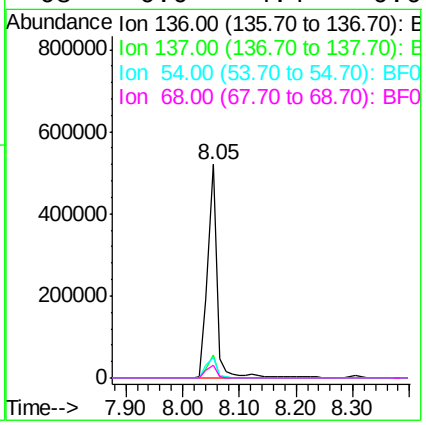


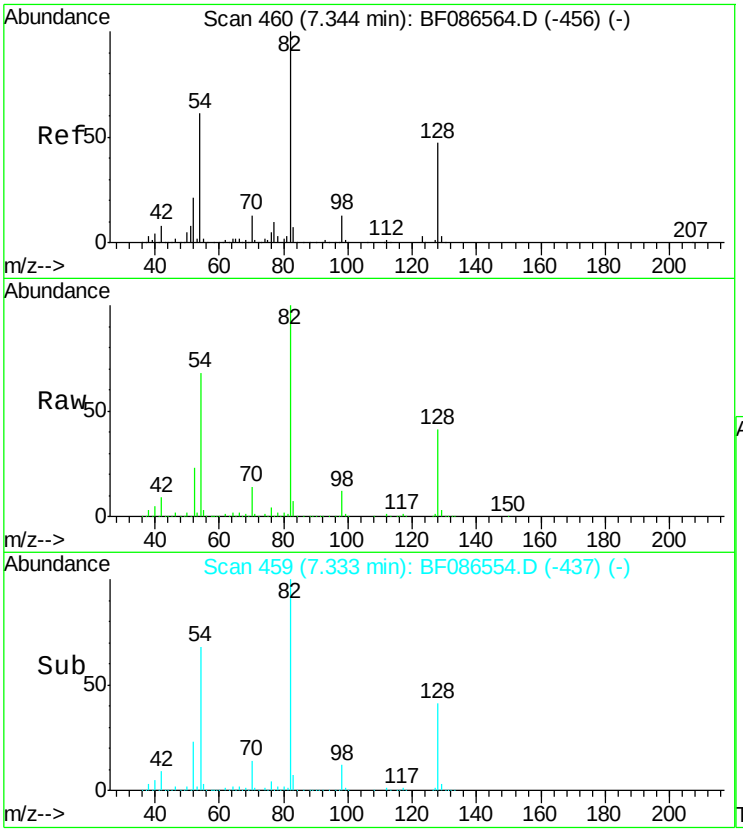


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion:136 Resp: 578310

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.5	5.0	7.4#
68	6.0	4.4	6.6



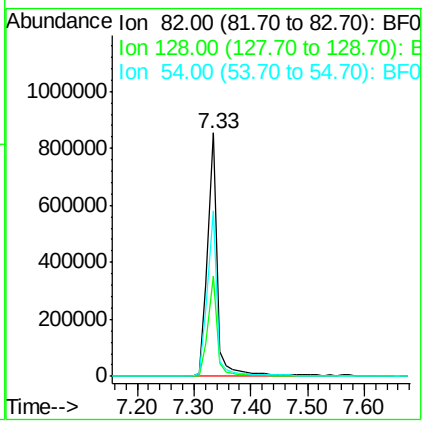


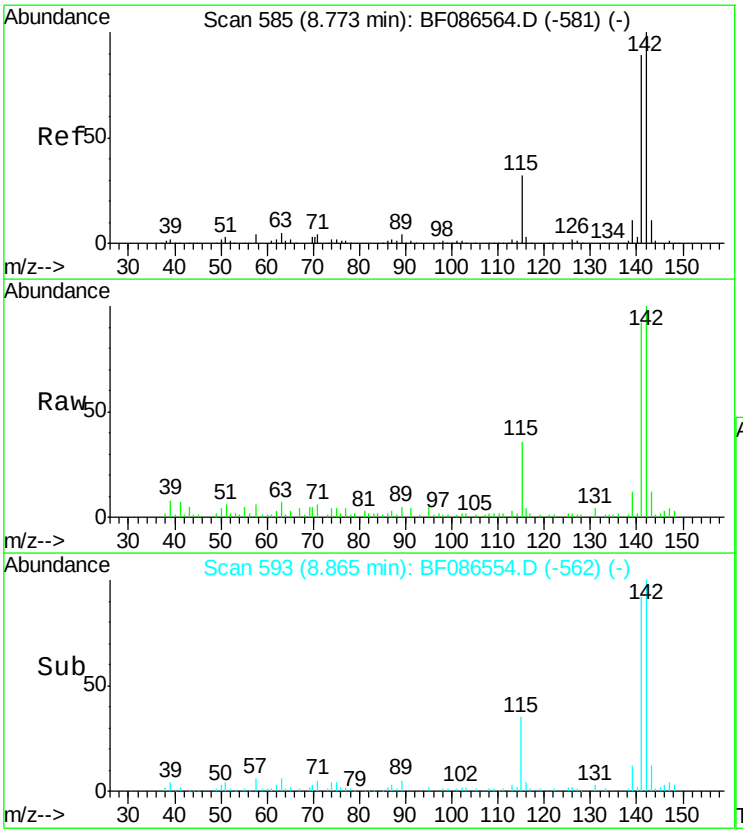
#23
Nitrobenzene-d5
Concen: 92.86 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Tgt Ion: 82 Resp: 996309

Ion	Ratio	Lower	Upper
82	100		
128	41.3	40.6	61.0
54	67.8	38.1	57.1#

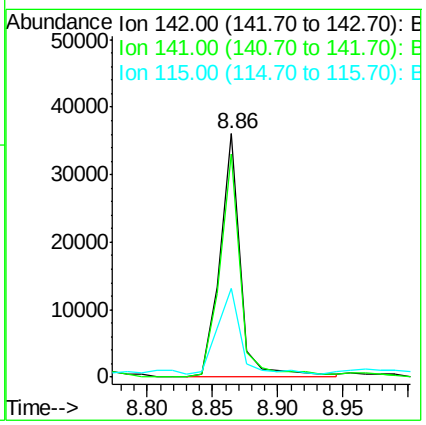


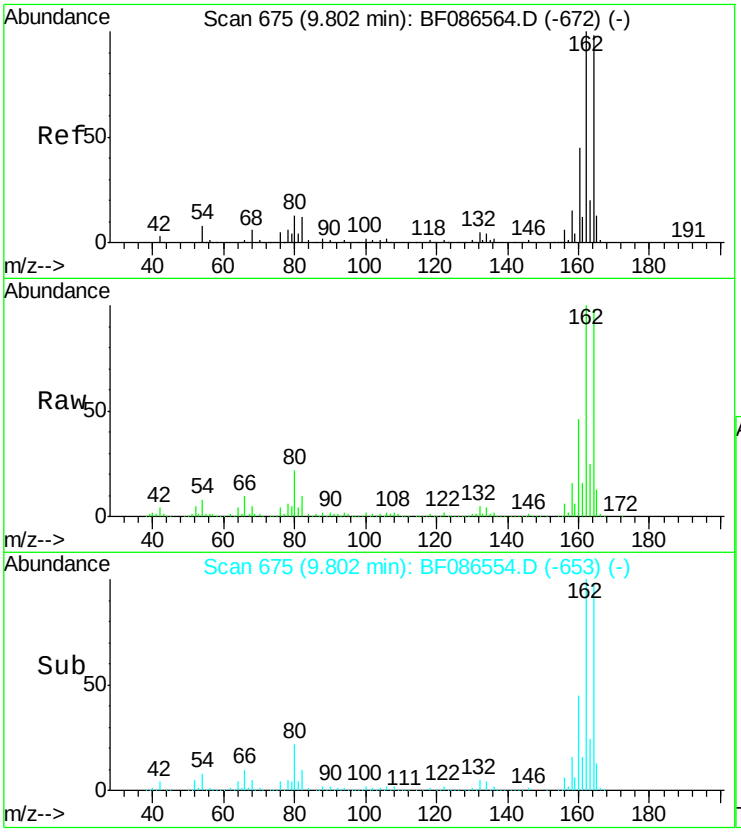


#37
2-Methylnaphthalene
Concen: 2.30 ng
RT: 8.86 min Scan# 593
Delta R.T. 0.06 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion:142 Resp: 39996

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.0	106.6
115	36.4	26.6	39.8



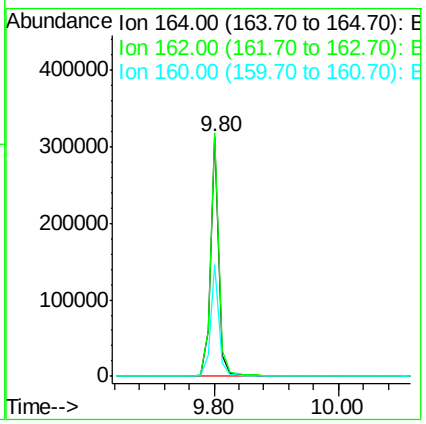


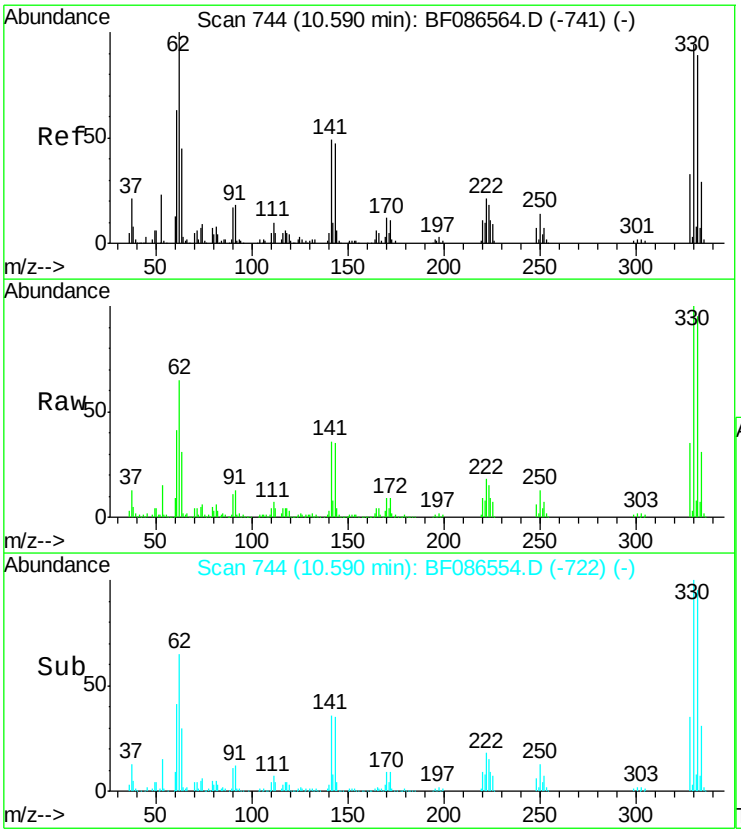
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Tgt Ion:164 Resp: 287327

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.8	124.2
160	46.4	36.9	55.3

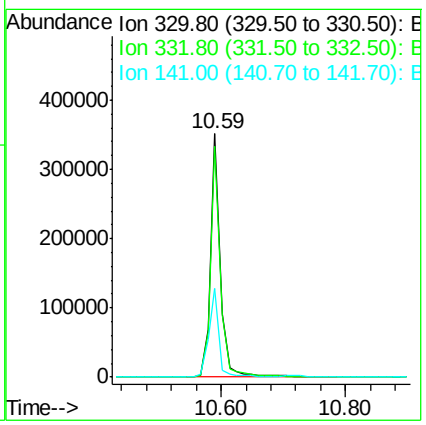


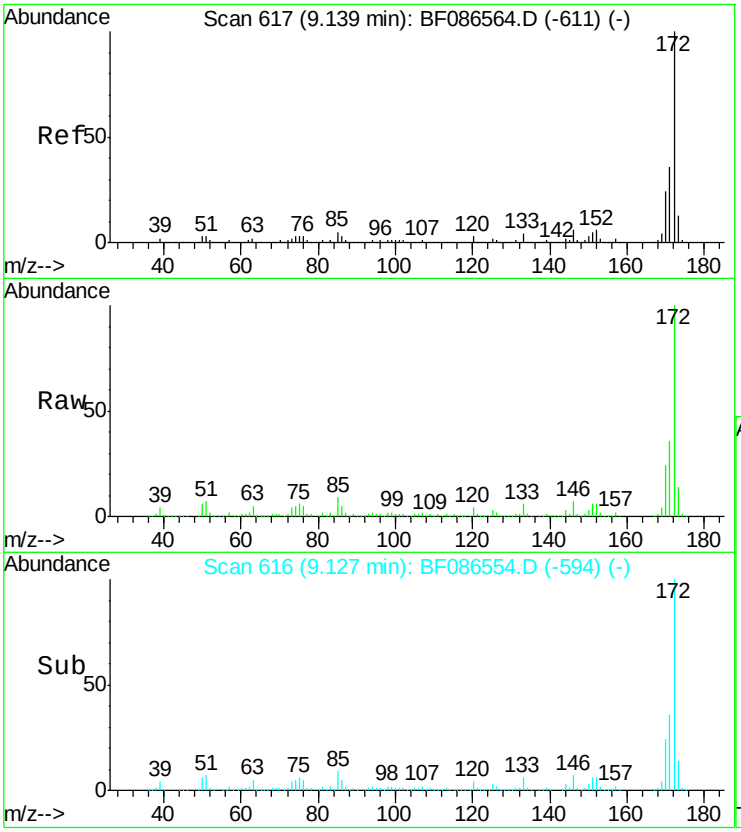


#41
2,4,6-Tribromophenol
Concen: 127.11 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion:330 Resp: 385158

Ion	Ratio	Lower	Upper
330	100		
332	95.3	79.0	118.4
141	37.2	31.2	46.8



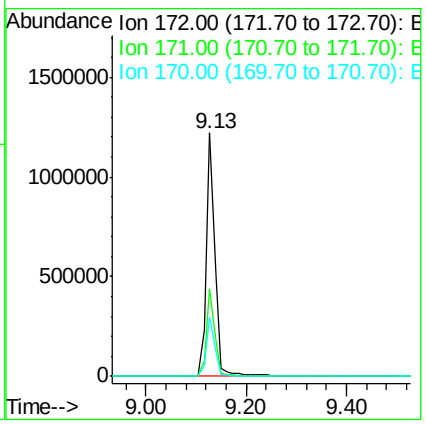


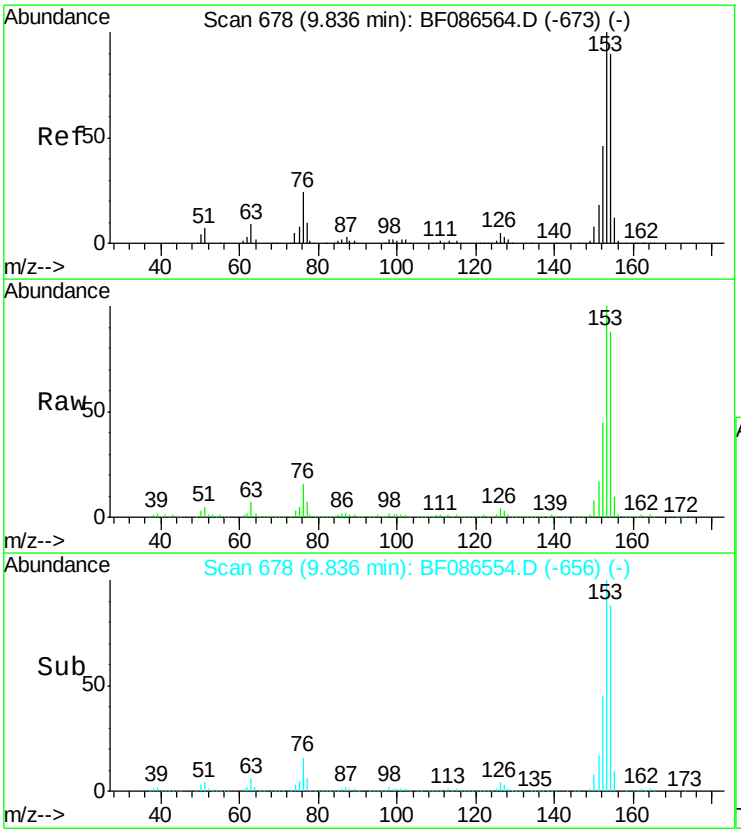
#44
2-Fluorobiphenyl
Concen: 90.82 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Tgt Ion:172 Resp: 1469505

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.8	29.8

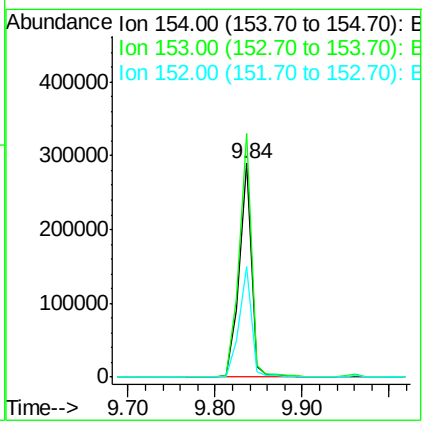


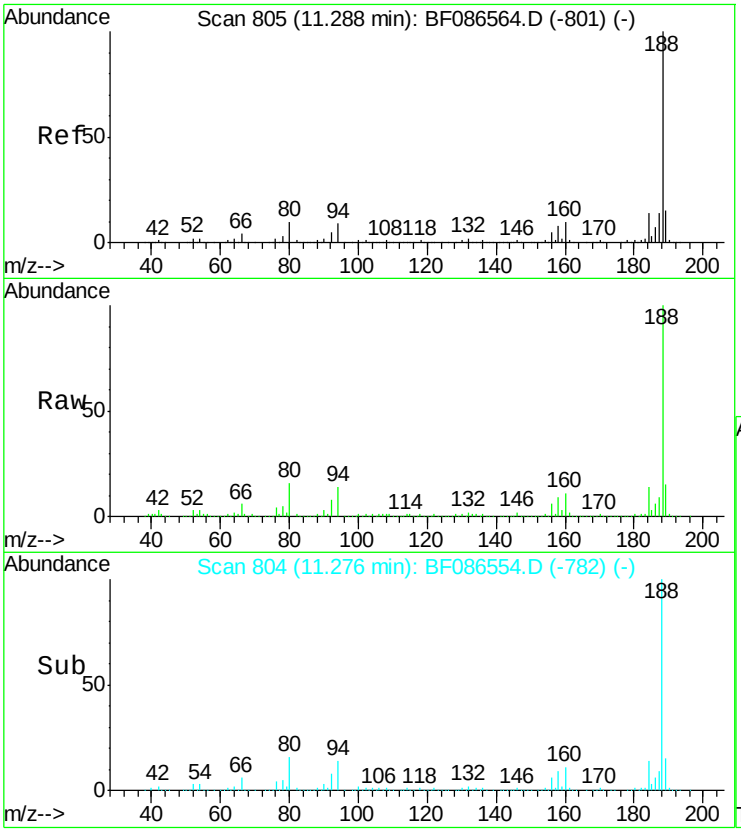


#51
Acenaphthene
Concen: 15.43 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion:154 Resp: 282822

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.8	134.6
152	51.6	43.4	65.0



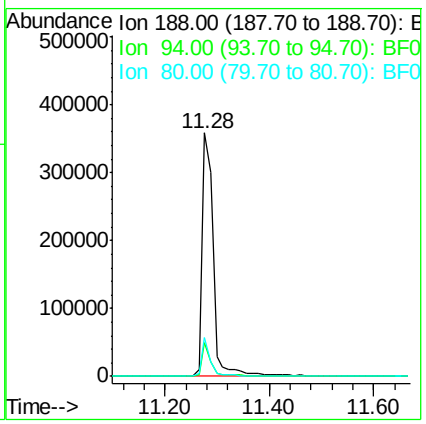


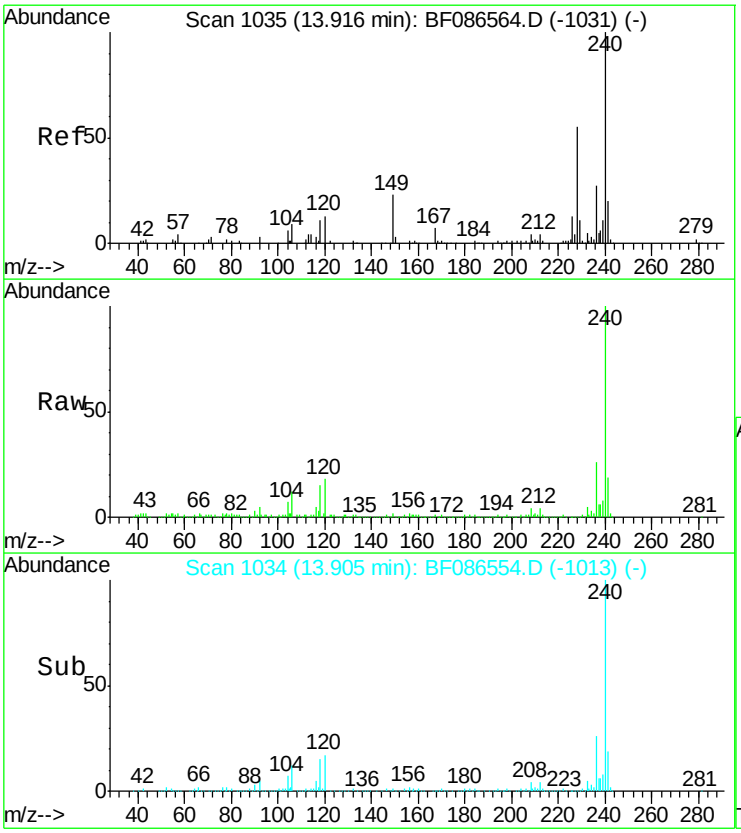
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Tgt Ion:188 Resp: 533583

Ion	Ratio	Lower	Upper
188	100		
94	14.1	6.8	10.2#
80	16.0	7.1	10.7#

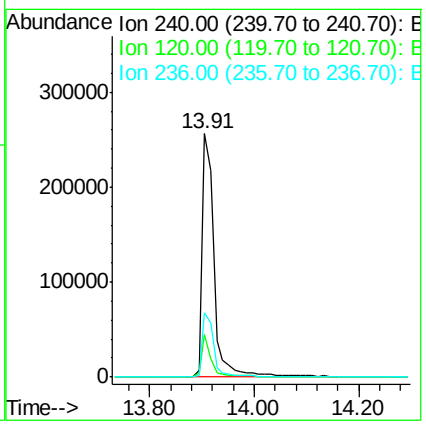


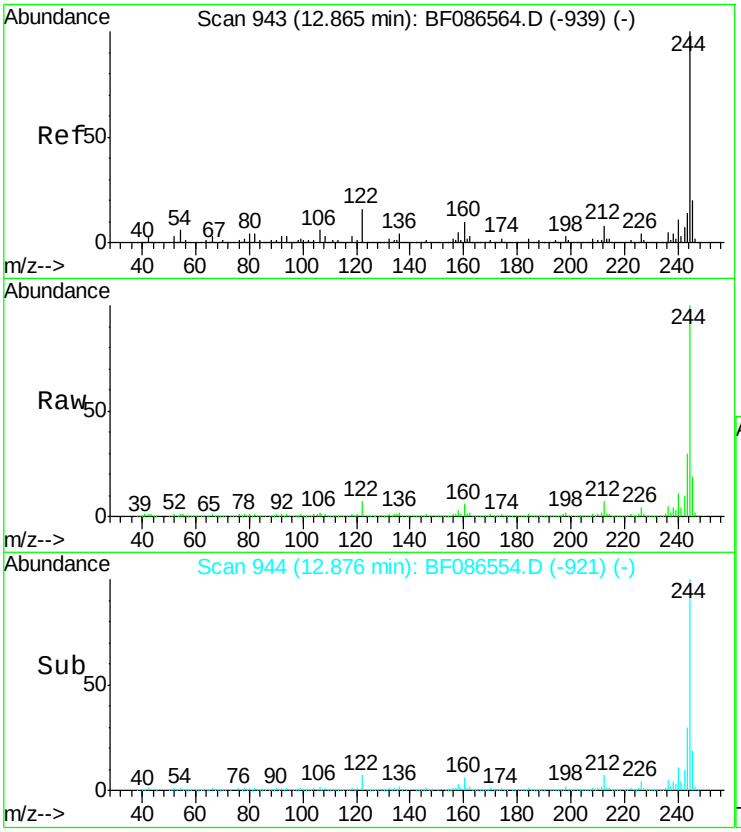


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion:240 Resp: 409180

Ion	Ratio	Lower	Upper
240	100		
120	17.6	11.2	16.8#
236	26.3	21.2	31.8



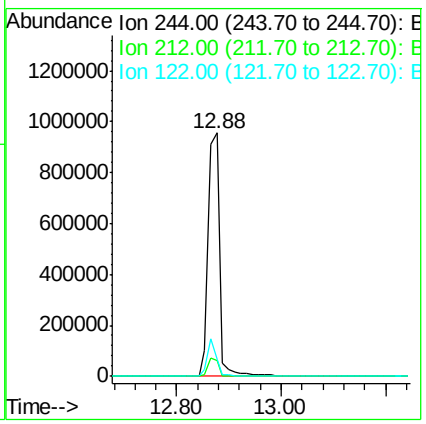


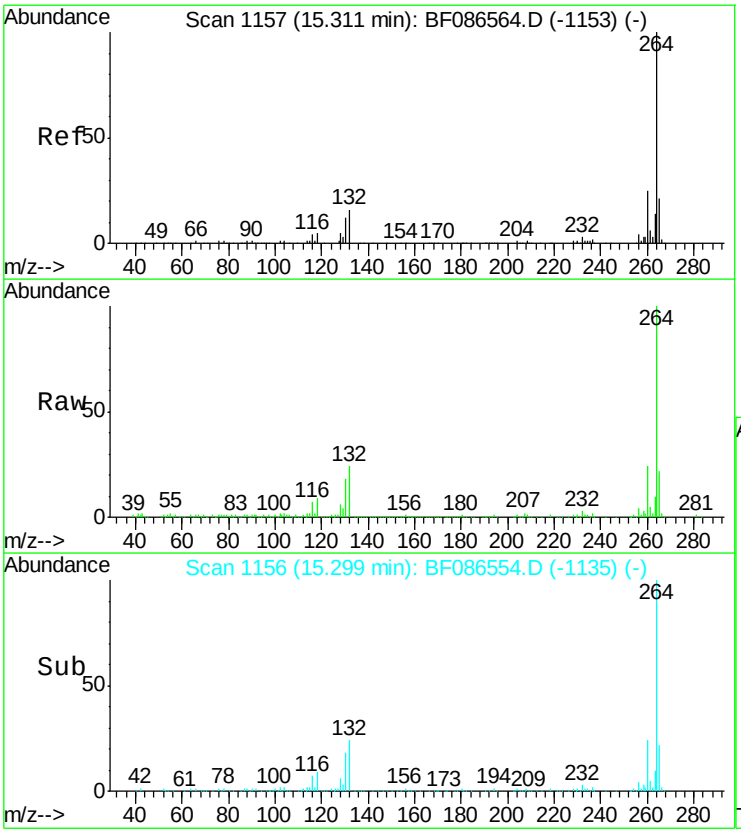
#78
Terphenyl-d14
Concen: 79.24 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Tgt Ion:244 Resp: 1471686

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	7.0	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion:264 Resp: 341515

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	17.3	25.9