Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
Data File : BF086083.D
Acq On : 5 Apr 2016 19:36
Operator : UM/SJ
Sample : H2149-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 51-35-REEDER-DISCHARGE

Quant Time: Apr 06 01:06:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	120107	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	473335	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	222953	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	397336	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	261510	20.00	ng	-0.02
86) Perylene-d12	15.31	264	204703	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	405384	57.69	ng	-0.02
7) Phenol-d6	6.40	99	345139	38.67	ng	-0.02
23) Nitrobenzene-d5	7.32	82	616981	76.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	232906	111.30	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1058868	78.97	ng	-0.02
78) Terphenyl-d14	12.85	244	930202	83.61	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	21635	6.49	ng	92
15) Benzyl Alcohol	6.90	79	97935	16.96	ng	93

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

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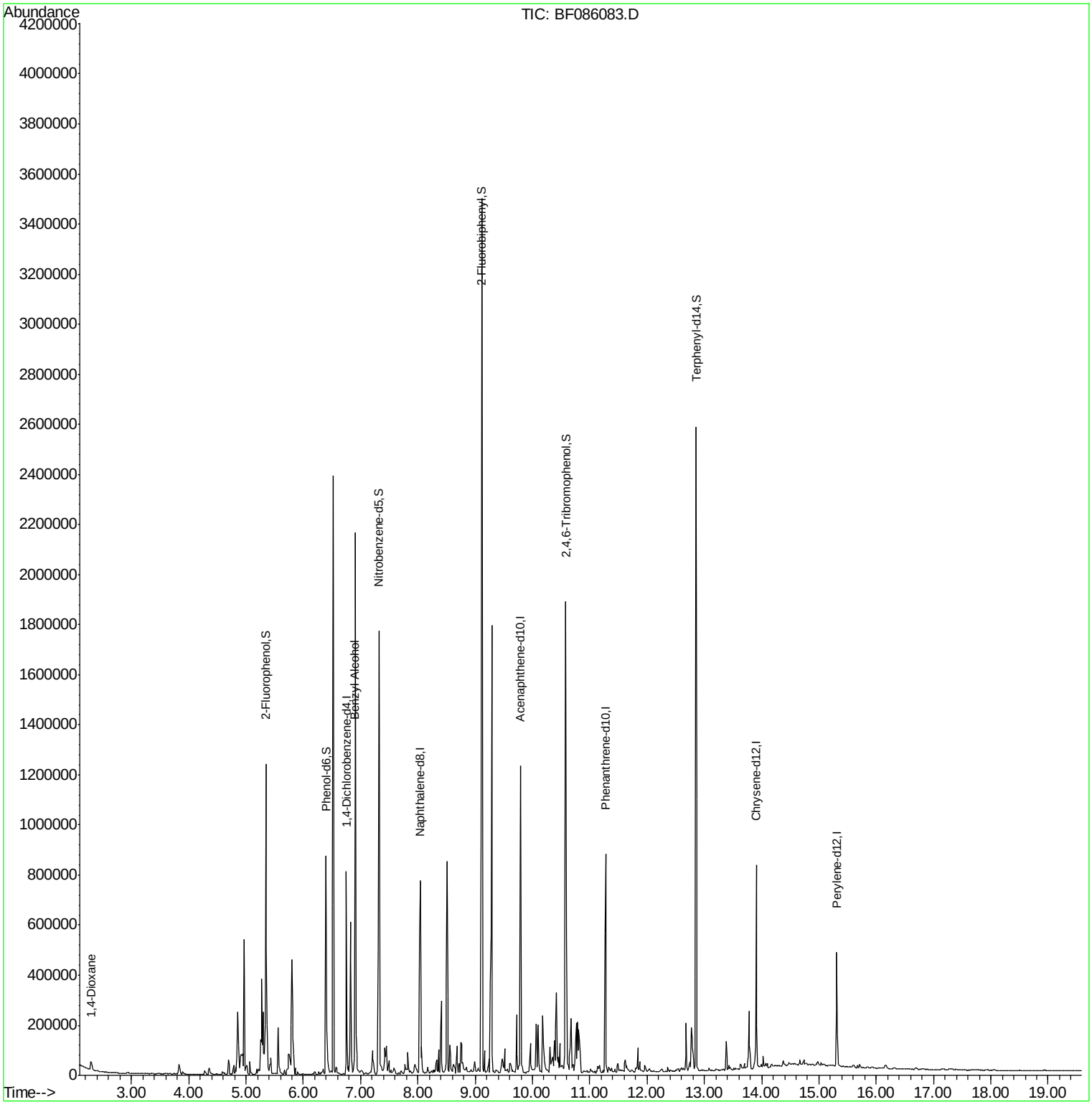
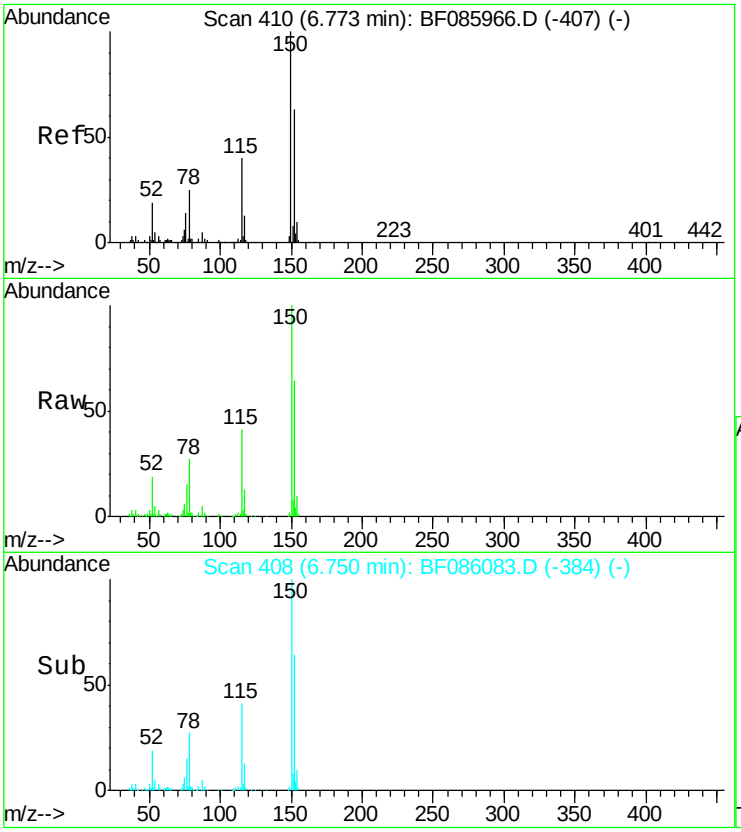


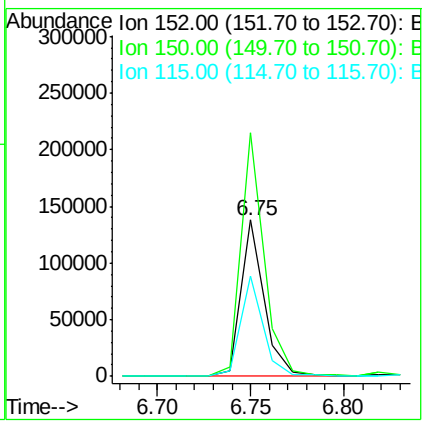


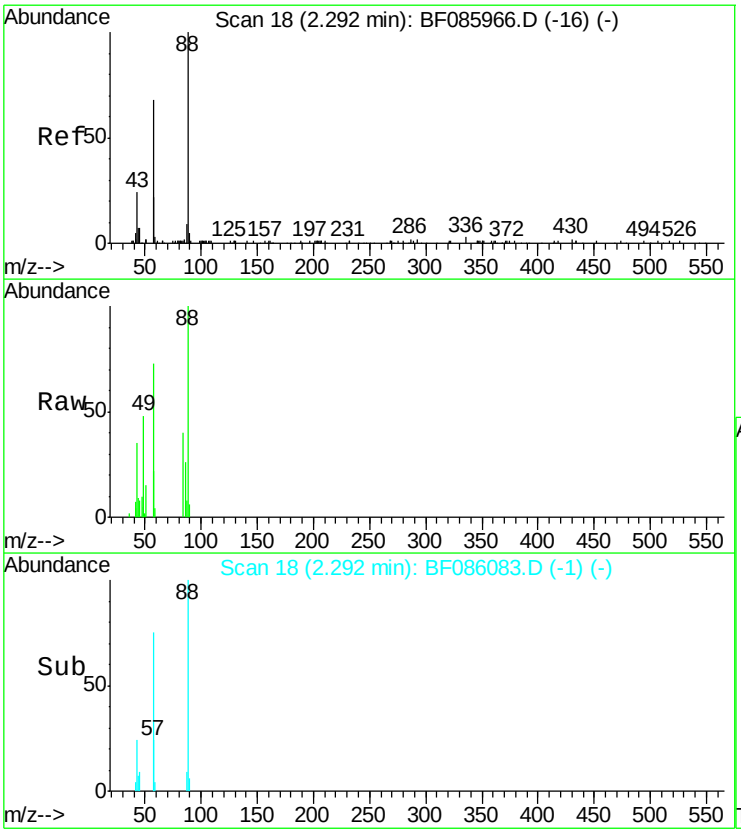
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tgt Ion:152 Resp: 120107

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	64.3	47.0	70.6

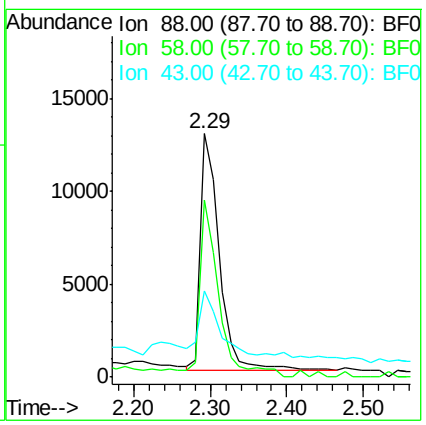


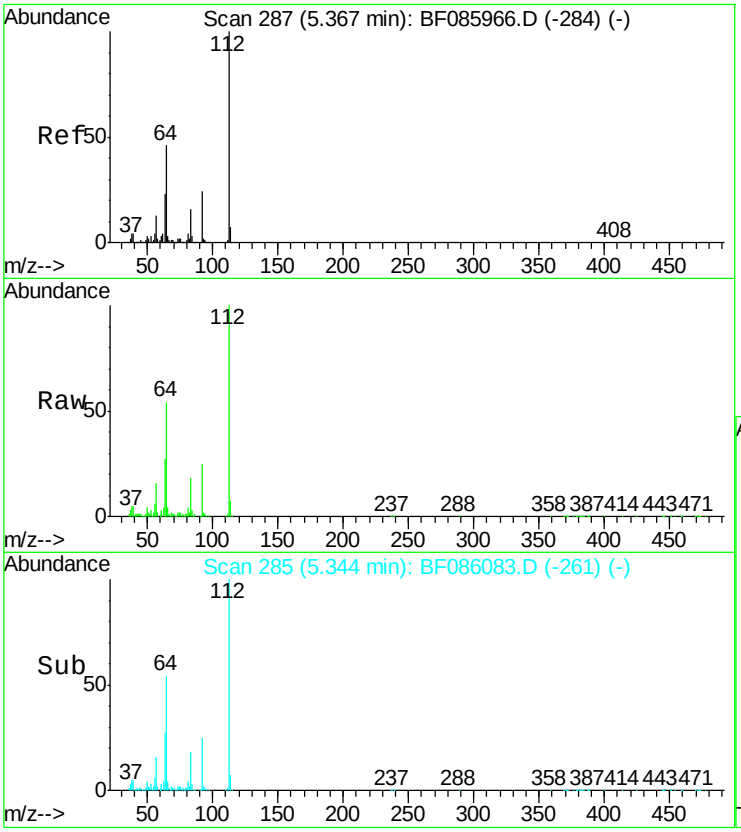


#2
1,4-Dioxane
Concen: 6.49 ng
RT: 2.29 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion: 88 Resp: 21635

Ion	Ratio	Lower	Upper
88	100		
58	75.3	54.2	81.2
43	25.8	19.3	28.9



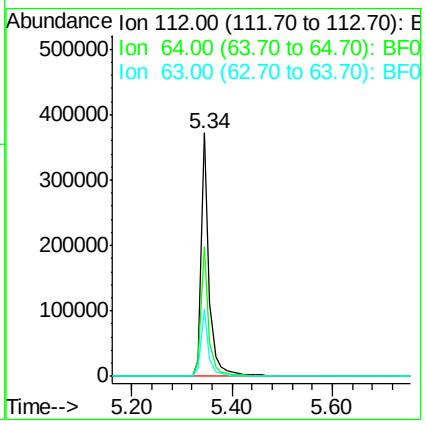


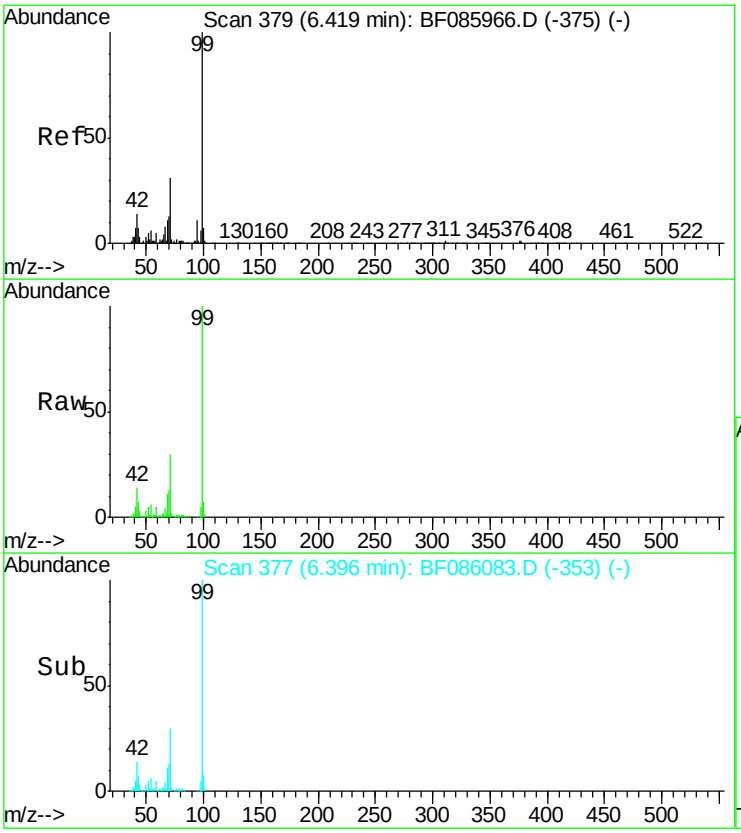
#5
2-Fluorophenol
Concen: 57.69 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tgt Ion:112 Resp: 405384

Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.9	59.9
63	27.4	20.2	30.2

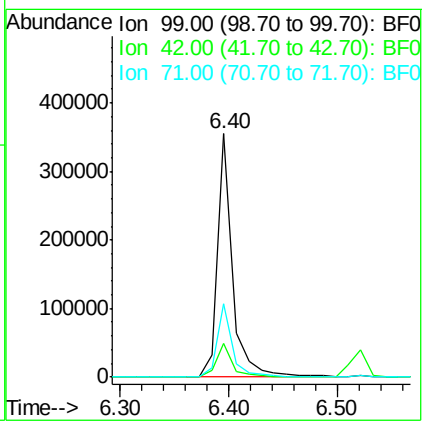


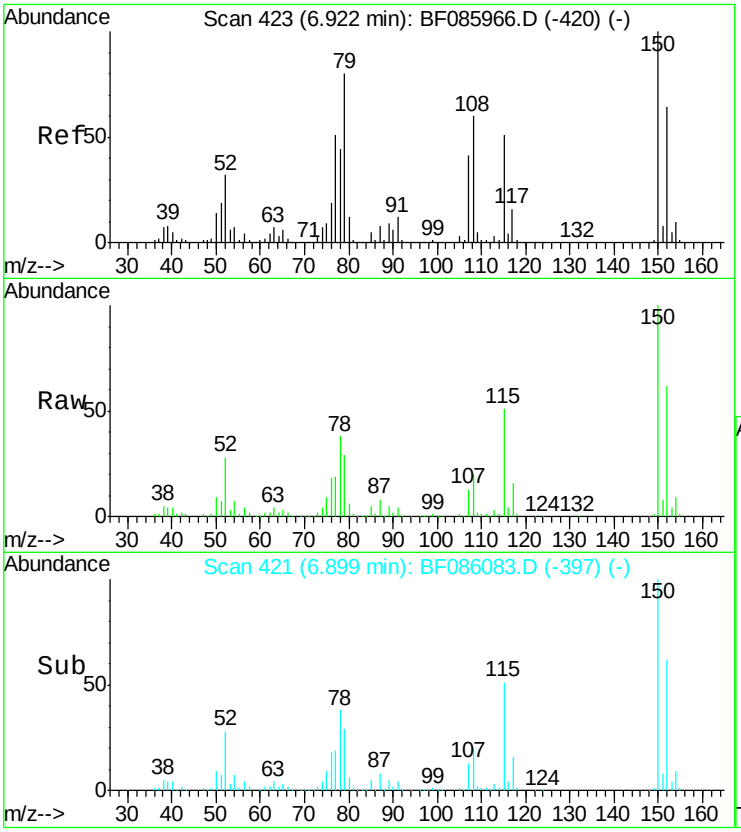


#7
Phenol-d6
Concen: 38.67 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion: 99 Resp: 345139

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.1	16.7
71	30.0	24.9	37.3



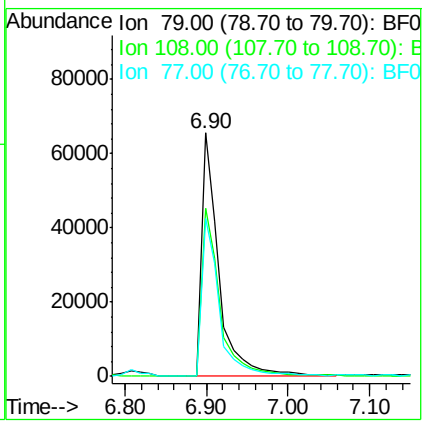


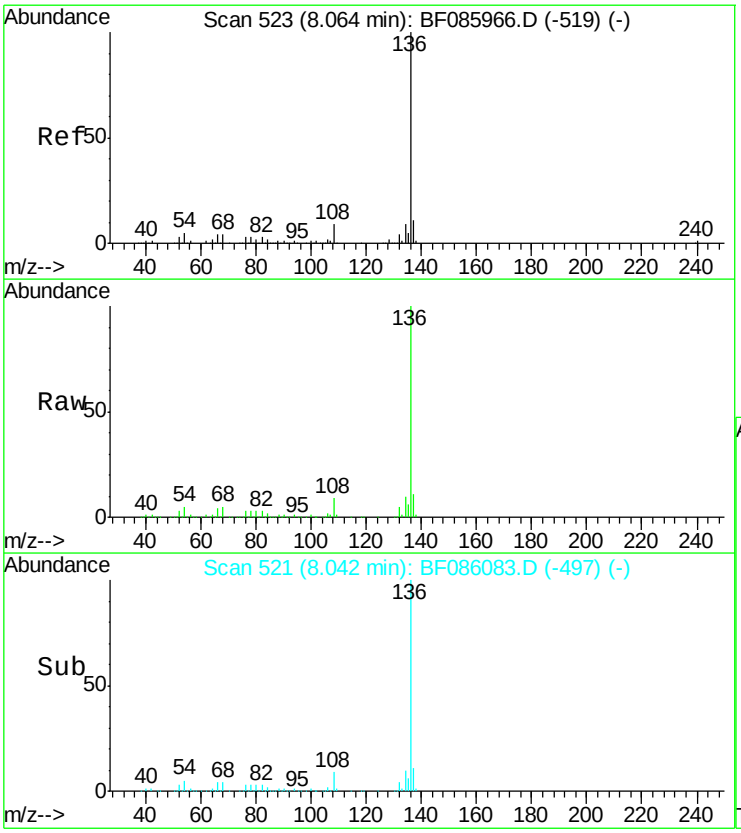
#15
Benzyl Alcohol
Concen: 16.96 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tgt Ion: 79 Resp: 97935

Ion	Ratio	Lower	Upper
79	100		
108	69.3	61.8	92.6
77	64.6	49.6	74.4

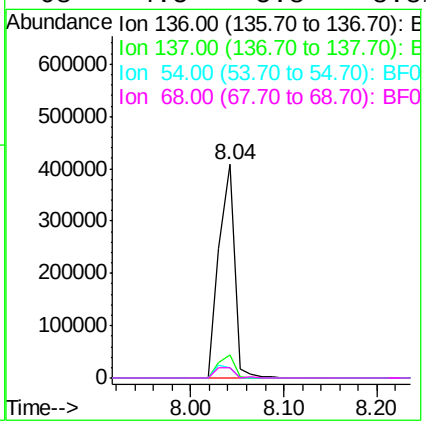


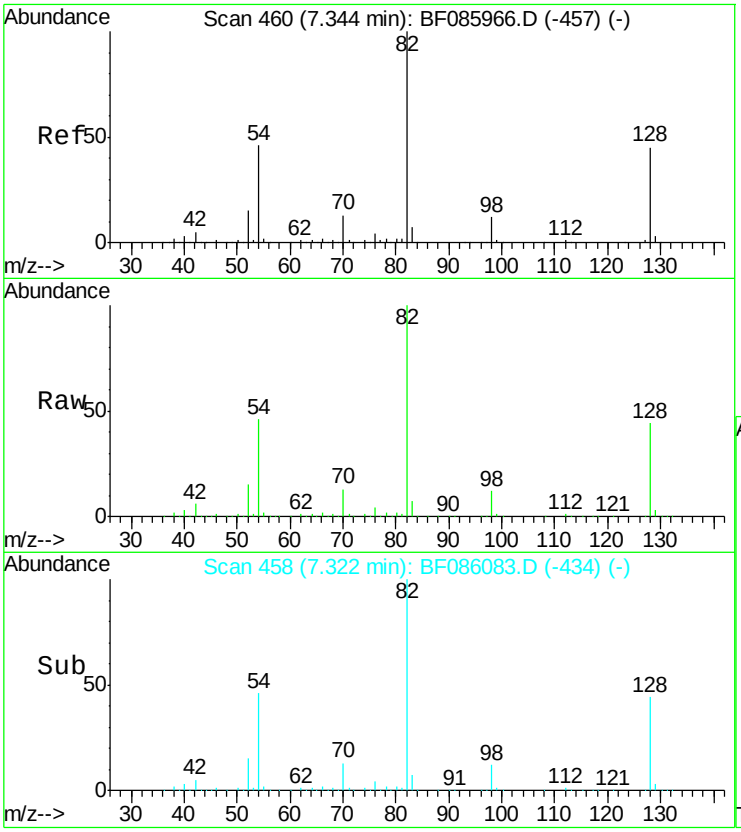


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion:136 Resp: 473335

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.0	7.4	11.0#
68	4.5	5.8	8.8#



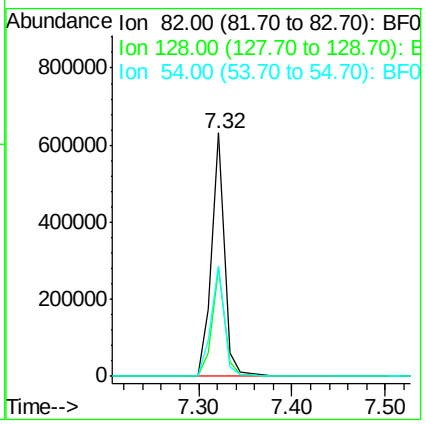


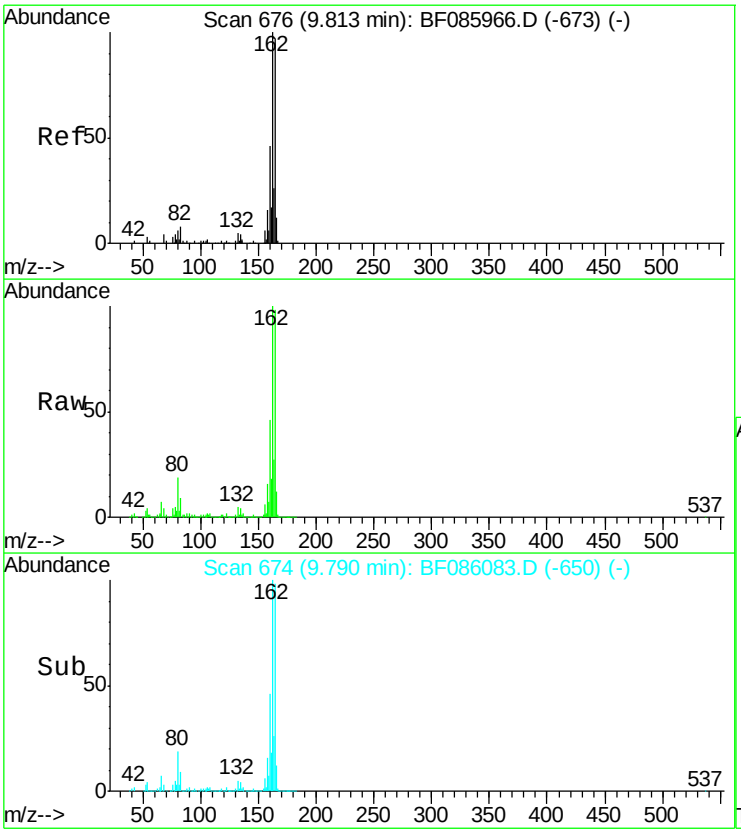
#23
Nitrobenzene-d5
Concen: 76.87 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tgt Ion: 82 Resp: 616981

Ion	Ratio	Lower	Upper
82	100		
128	44.4	41.8	62.8
54	45.6	33.4	50.0

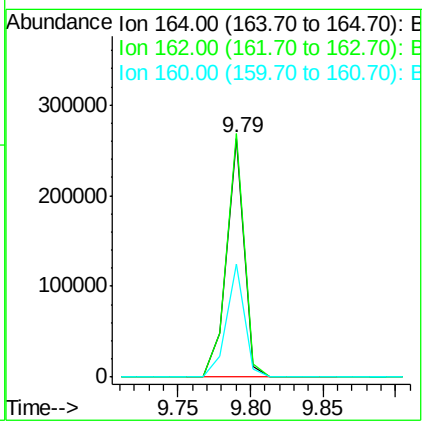


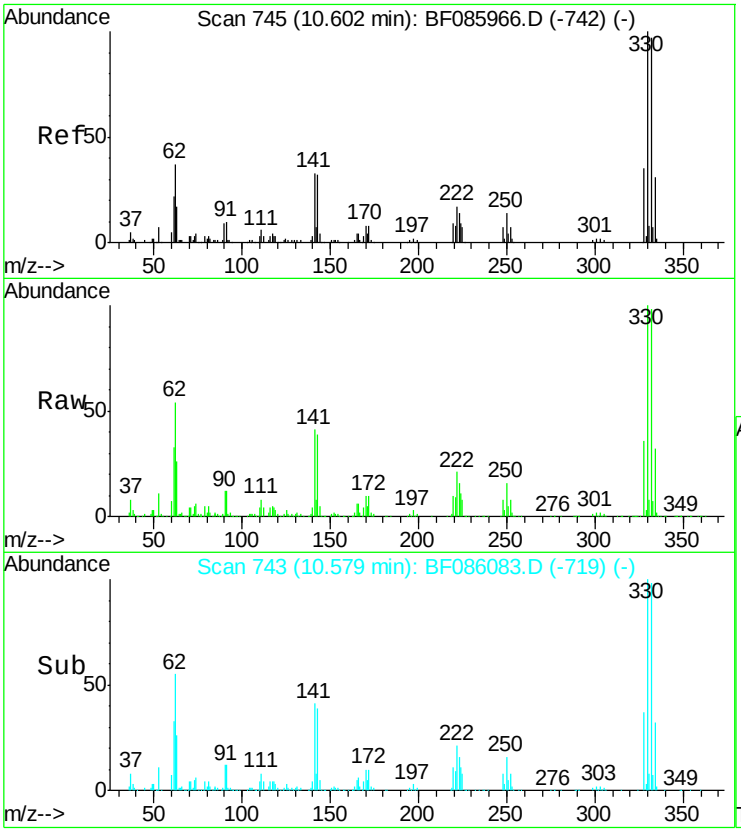


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion:164 Resp: 222953

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.1	123.1
160	47.4	37.4	56.2



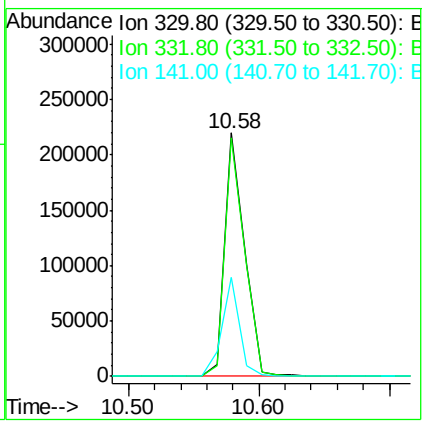


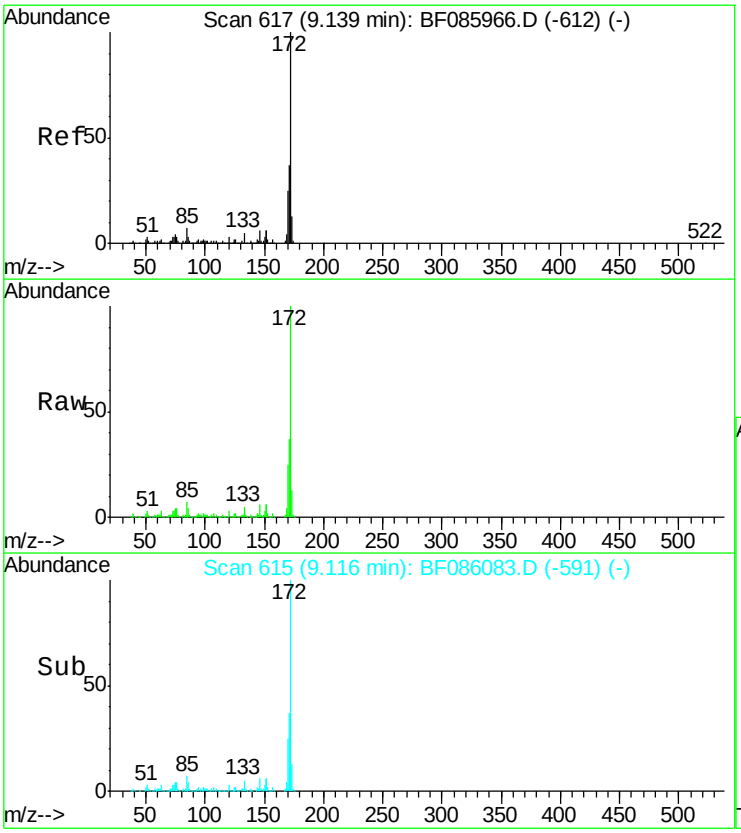
#41
2,4,6-Tribromophenol
Concen: 111.30 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tgt Ion:330 Resp: 232906

Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.2
141	36.6	31.5	47.3

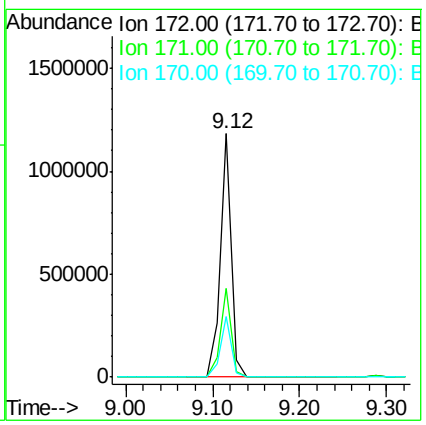


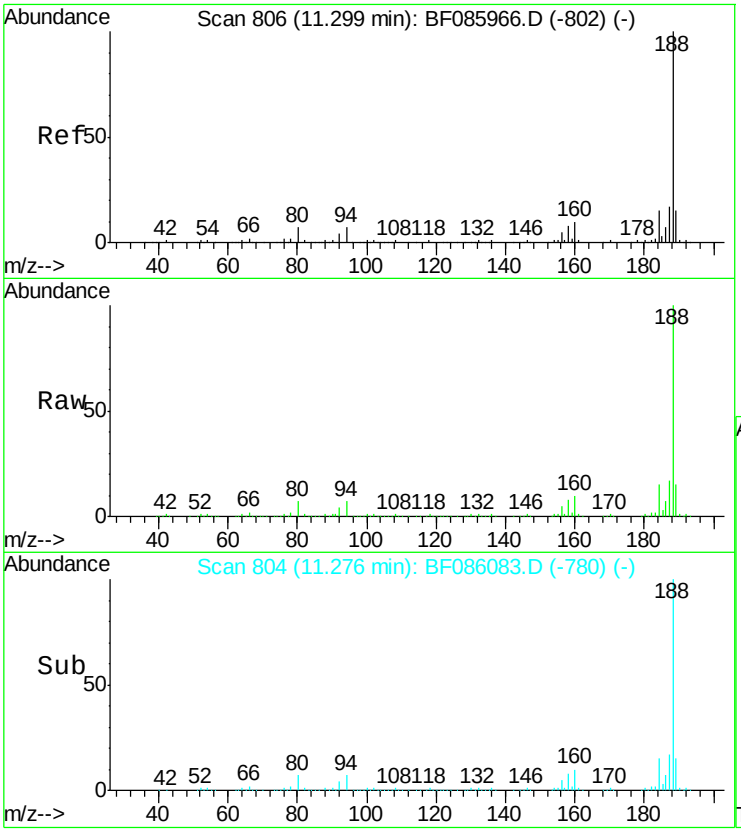


#44
2-Fluorobiphenyl
Concen: 78.97 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion:172 Resp: 1058868

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.9	19.8	29.6



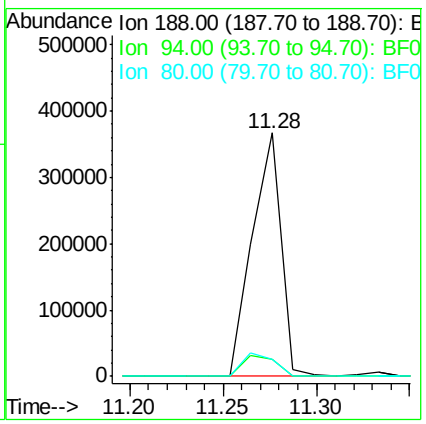


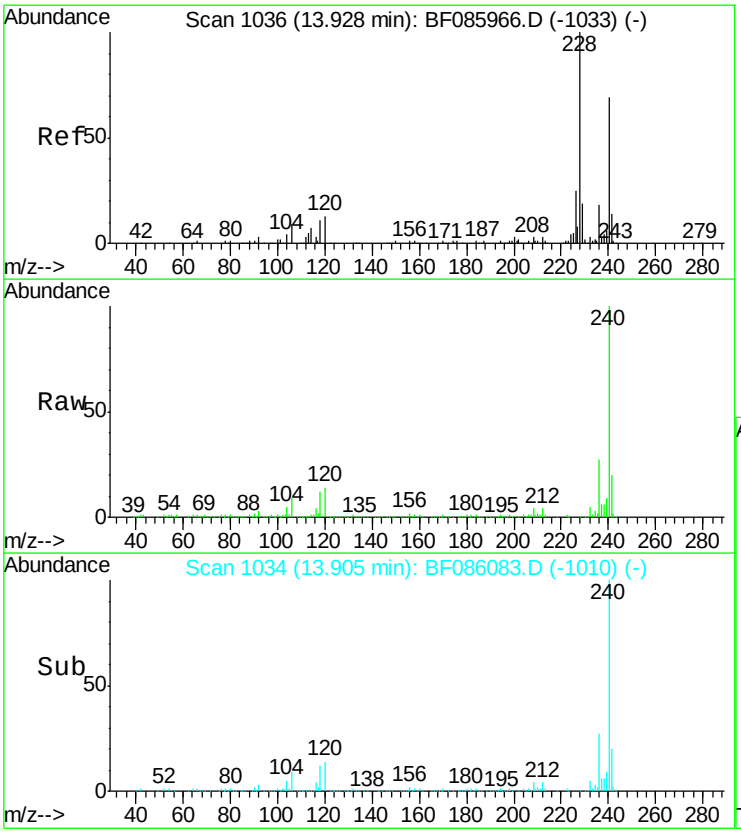
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tgt Ion:188 Resp: 397336

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.4	8.0
80	7.0	5.5	8.3

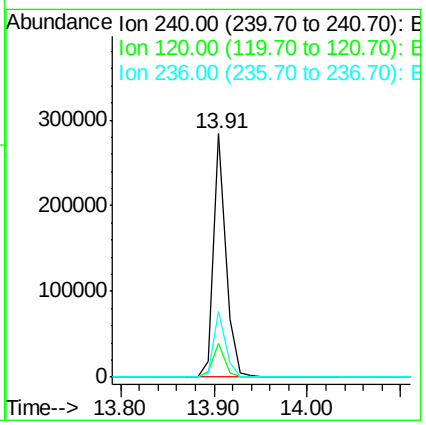


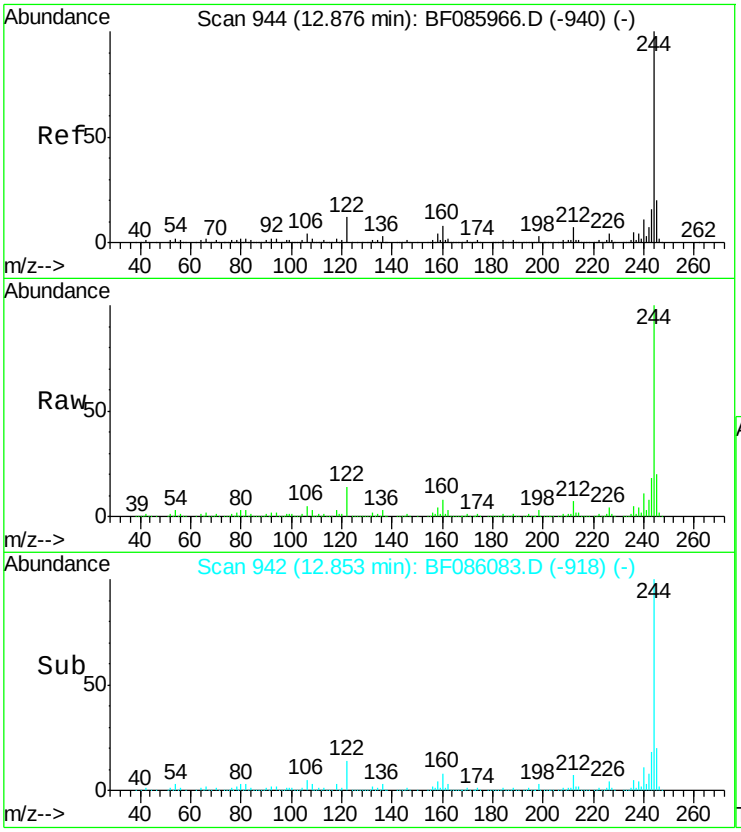


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion:240 Resp: 261510

Ion	Ratio	Lower	Upper
240	100		
120	14.0	13.8	20.8
236	27.2	20.6	30.8



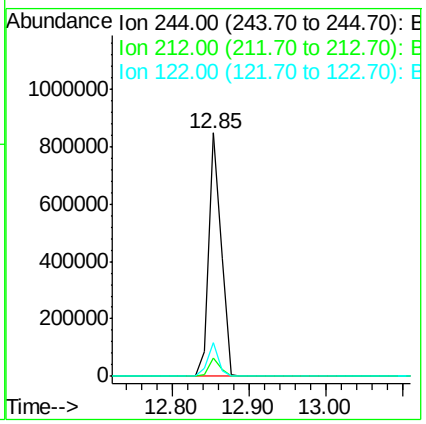


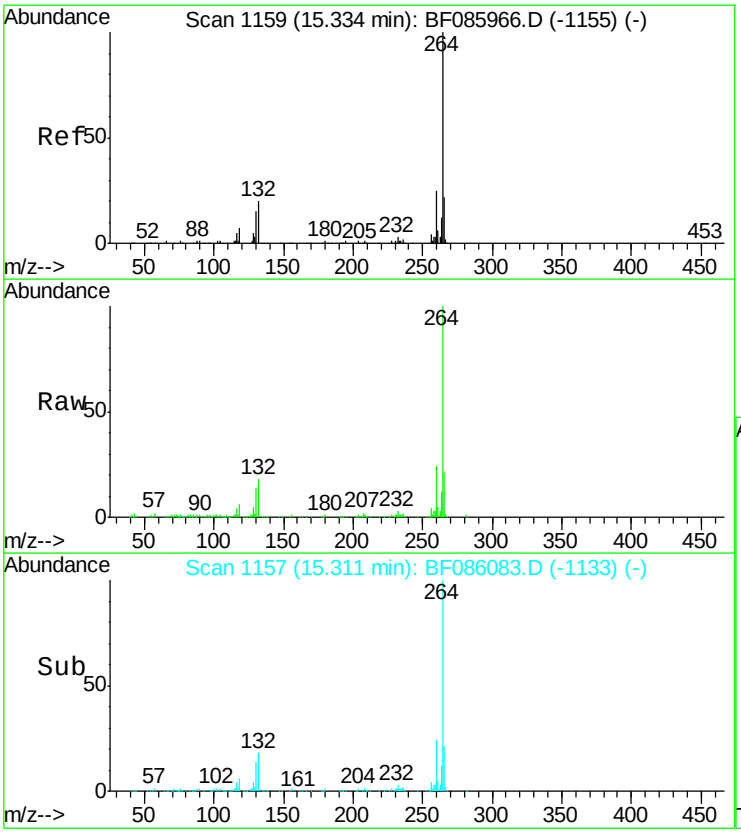
#78
Terphenyl-d14
Concen: 83.61 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
51-35-REEDER-DISCHARGE

Tgt Ion:244 Resp: 930202

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.0	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF086083.D
Acq: 5 Apr 2016 19:36

Tgt Ion:264 Resp: 204703

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	20.6	17.2	25.8