Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079100.D
Acq On : 10 May 2015 00:41
Operator : TP/IZ
Sample : G2152-06
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU021-SB-14-2.5

Quant Time: May 11 02:10:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 01:50:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	85710	20.00	ng		0.00
21) Naphthalene-d8	8.89	136	349018	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	171047	20.00	ng		0.00
63) Phenanthrene-d10	12.91	188	317640	20.00	ng		0.00
75) Chrysene-d12	16.21	240	308053	20.00	ng		0.00
86) Perylene-d12	17.93	264	316210	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	455425	91.47	ng		0.00
7) Phenol-d6	6.88	99	601313	91.36	ng		0.00
23) Nitrobenzene-d5	8.01	82	352255	58.01	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	158740	85.79	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	633931	51.63	ng		0.00
78) Terphenyl-d14	14.91	244	651887	50.66	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.55	122	5215	7.76	ng		94
49) Dimethylphthalate	10.74	163	34330	2.73	ng	#	99

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

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Misc :
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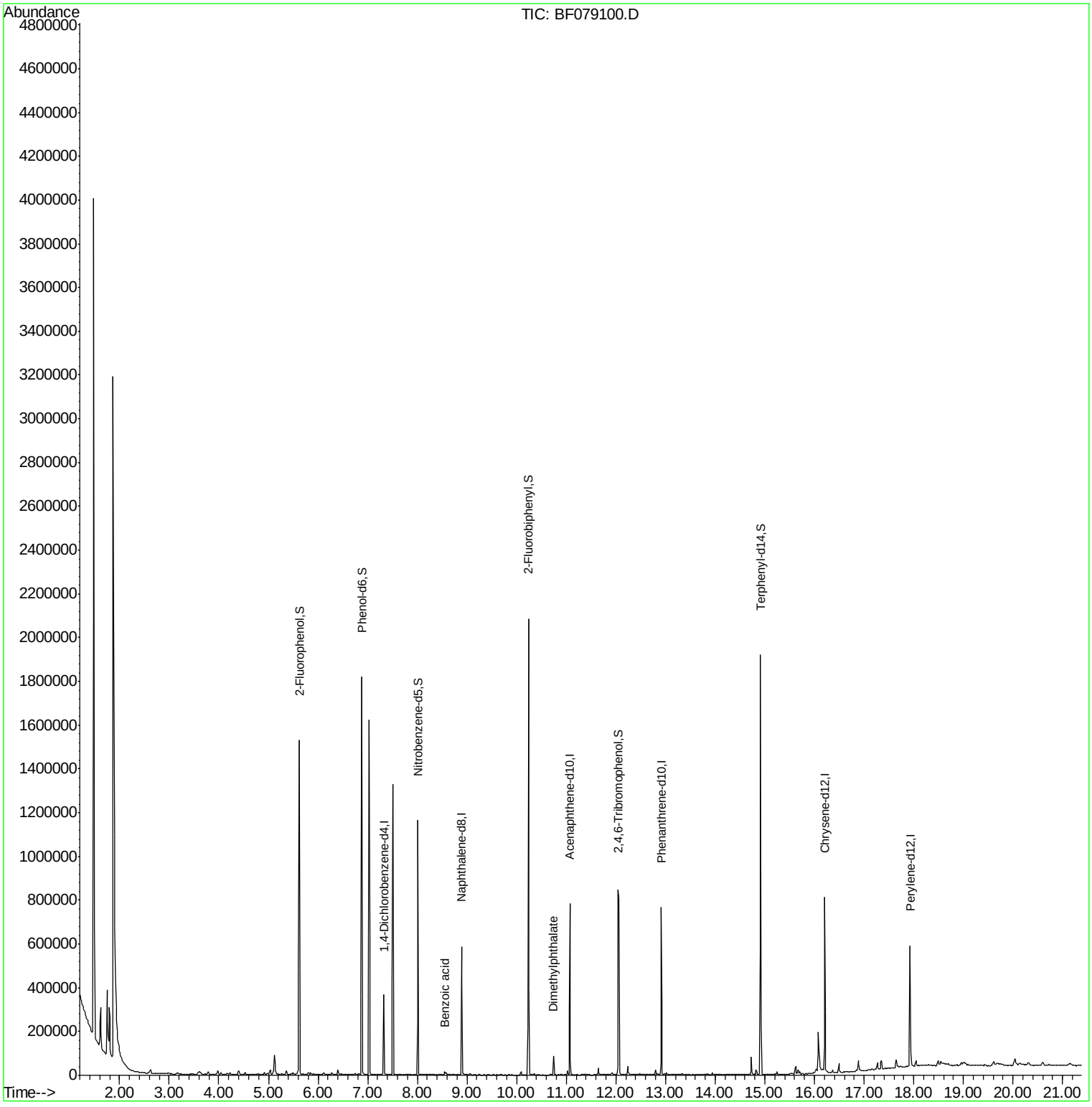
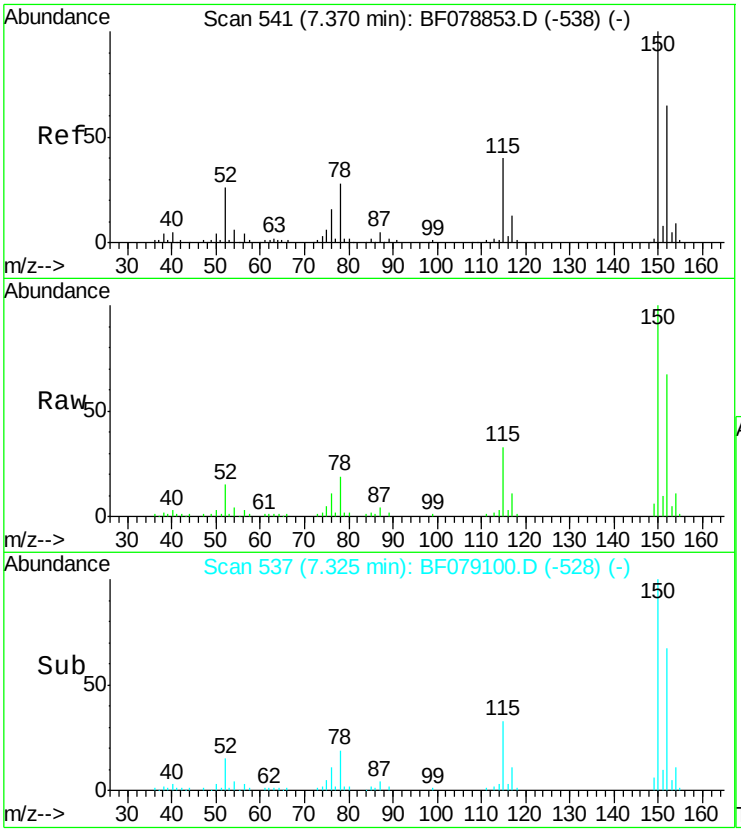


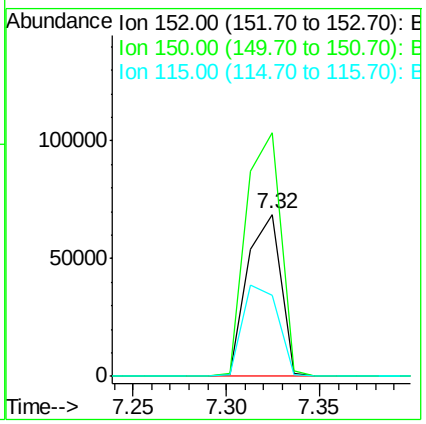


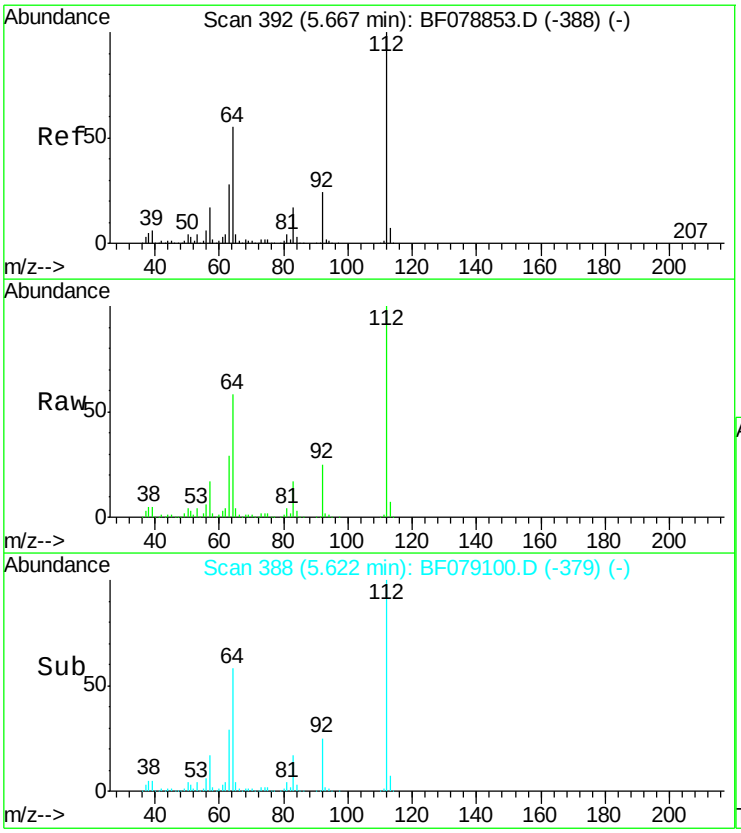
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-2.5

Tgt Ion:152 Resp: 85710

Ion	Ratio	Lower	Upper
152	100		
150	150.2	122.0	183.0
115	50.1	46.3	69.5

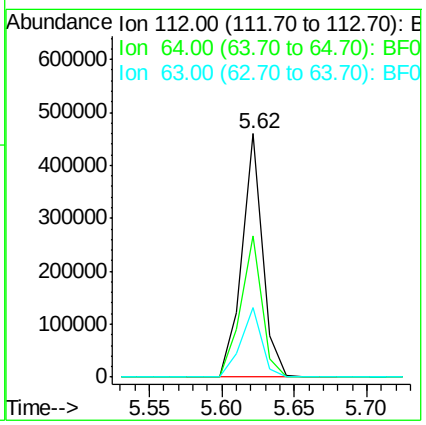


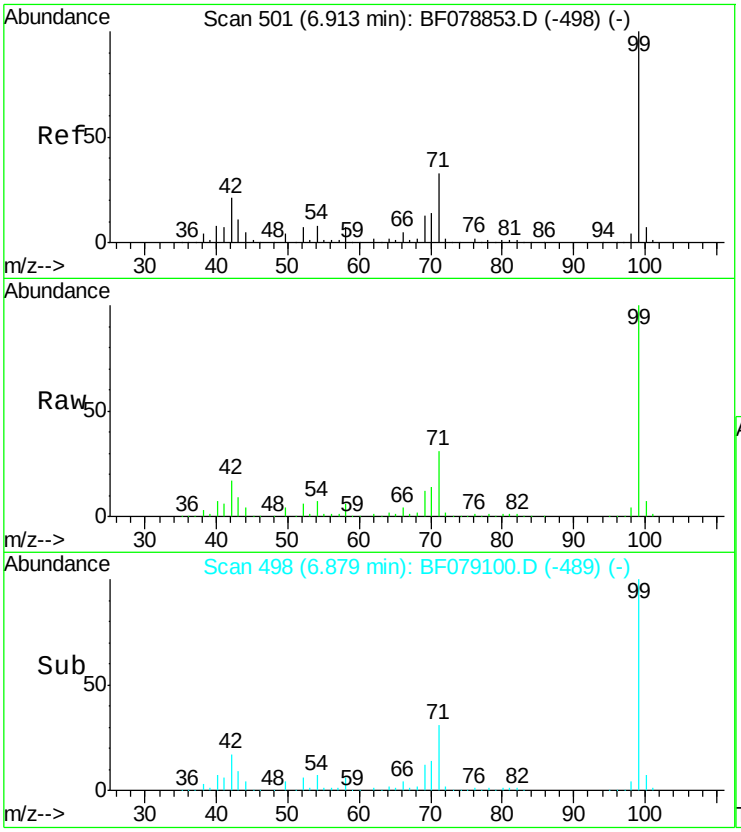


#5
2-Fluorophenol
Concen: 91.47 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Tgt Ion:112 Resp: 455425

Ion	Ratio	Lower	Upper
112	100		
64	57.9	53.5	80.3
63	28.8	27.5	41.3



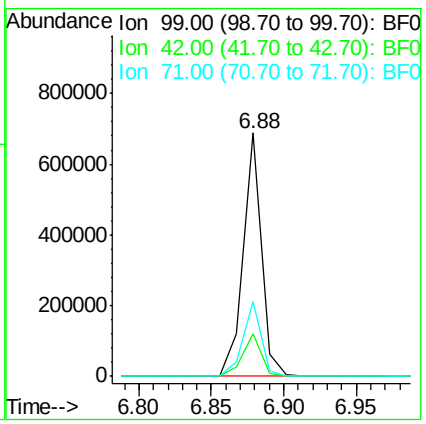


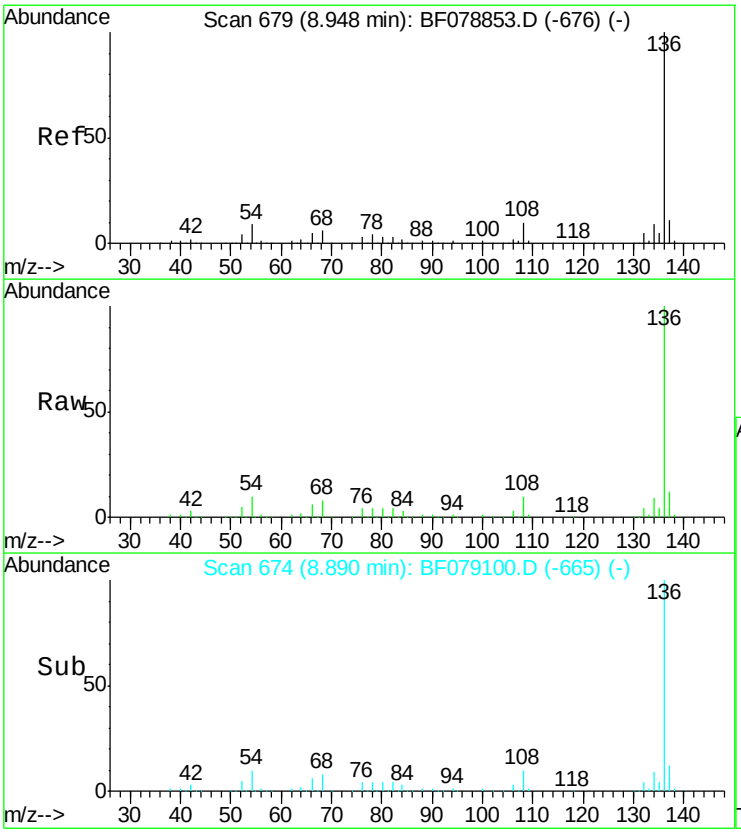
#7
Phenol-d6
Concen: 91.36 ng
RT: 6.88 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-2.5

Tgt Ion: 99 Resp: 601313

Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.8	19.2
71	30.7	23.4	35.2

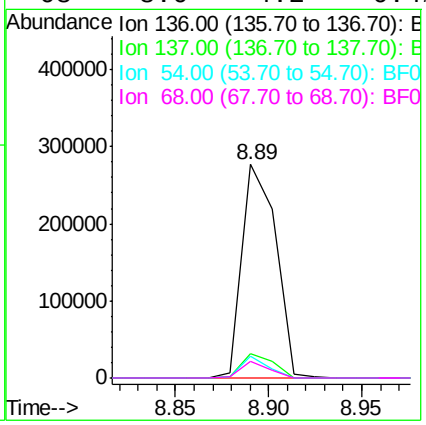


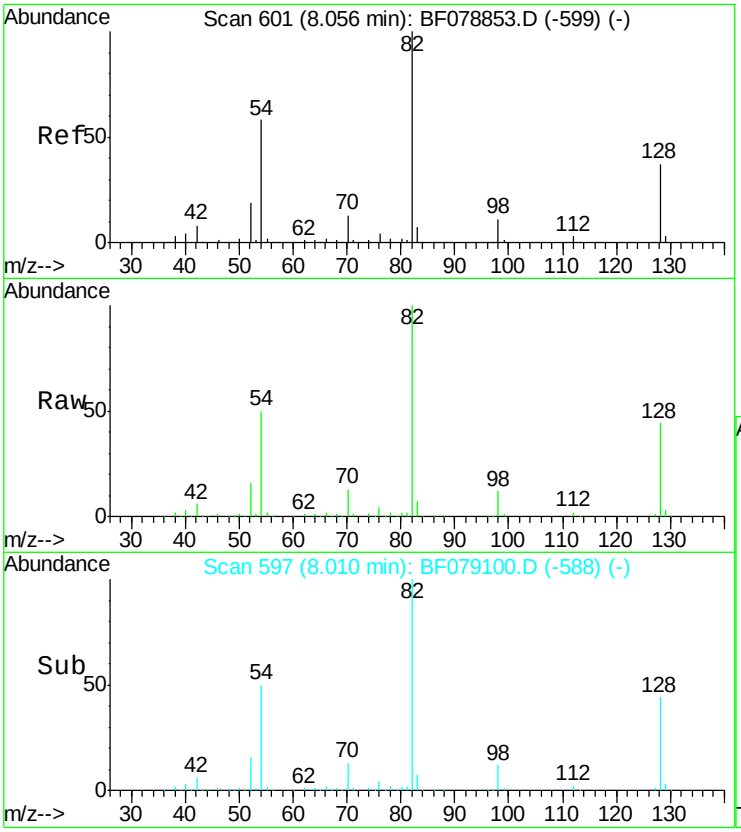


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.89 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Tgt Ion:136 Resp: 349018

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.2	5.8	8.8#
68	8.0	4.2	6.4#



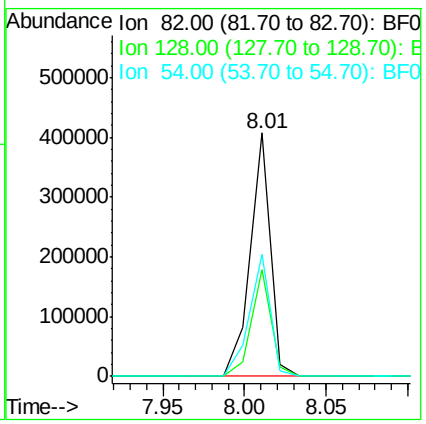


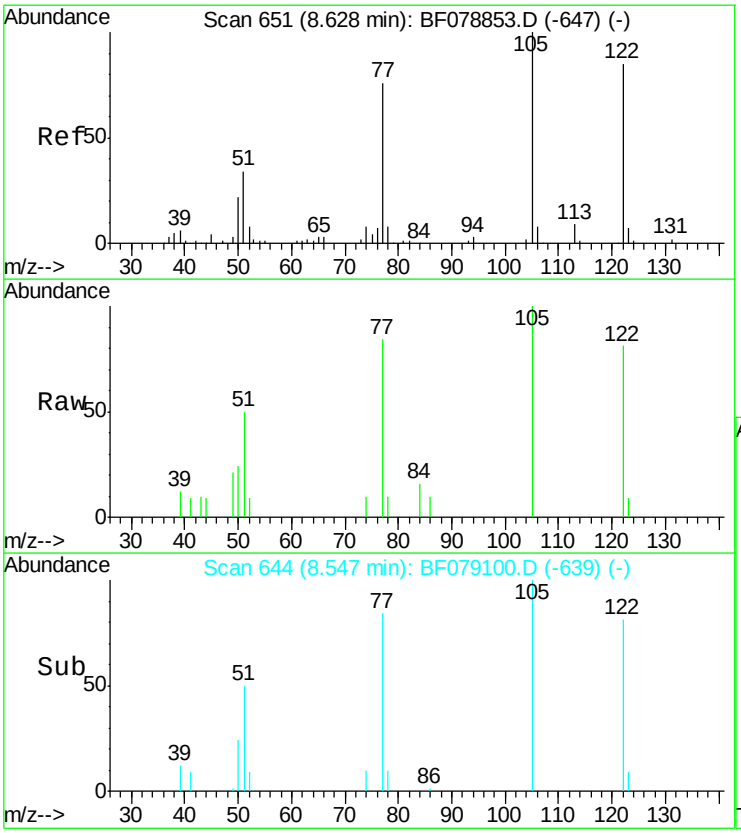
#23
Nitrobenzene-d5
Concen: 58.01 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-2.5

Tgt Ion: 82 Resp: 352255

Ion	Ratio	Lower	Upper
82	100		
128	43.8	30.0	45.0
54	50.2	46.4	69.6

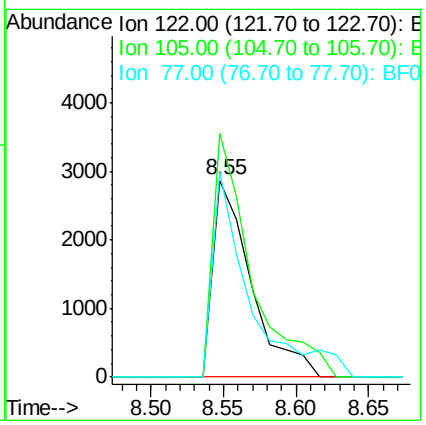


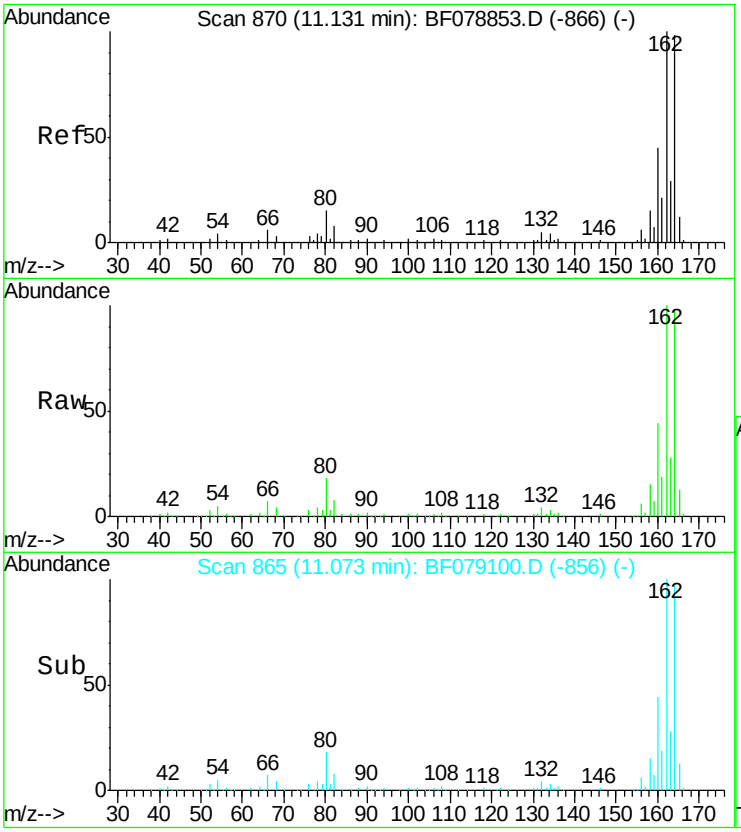


#32
Benzoic acid
Concen: 7.76 ng
RT: 8.55 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Tgt Ion:122 Resp: 5215

Ion	Ratio	Lower	Upper
122	100		
105	124.1	107.1	147.1
77	104.3	73.9	113.9



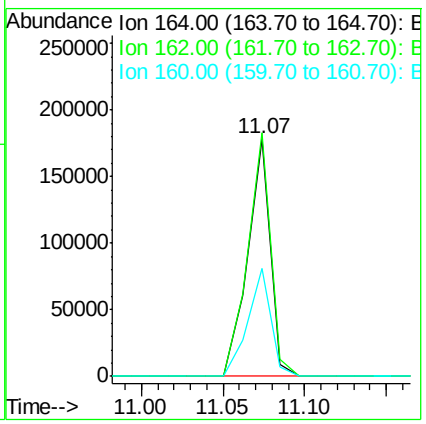


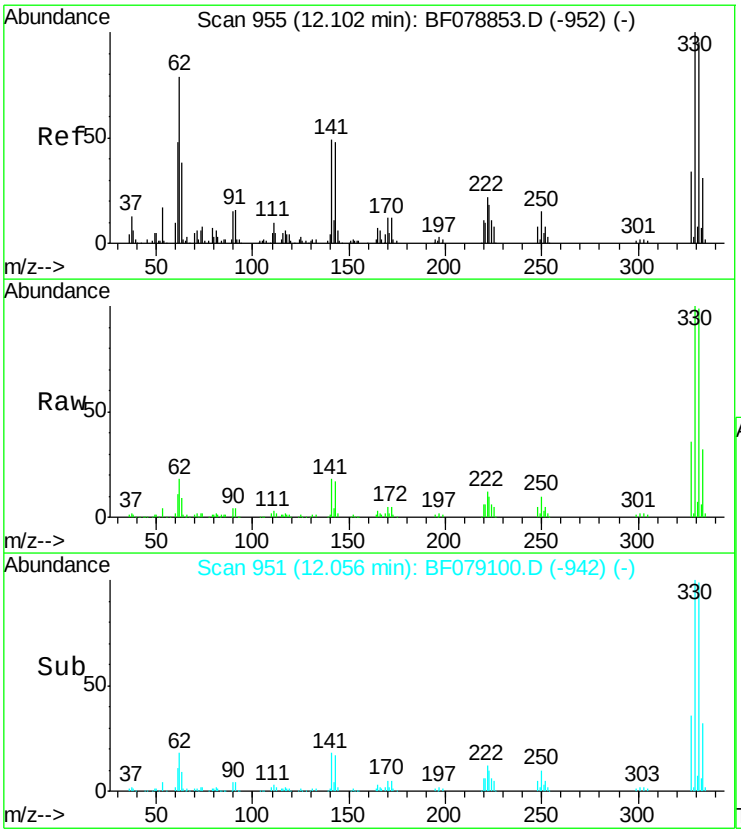
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-2.5

Tgt Ion:164 Resp: 171047

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.7	124.1
160	45.3	35.8	53.8

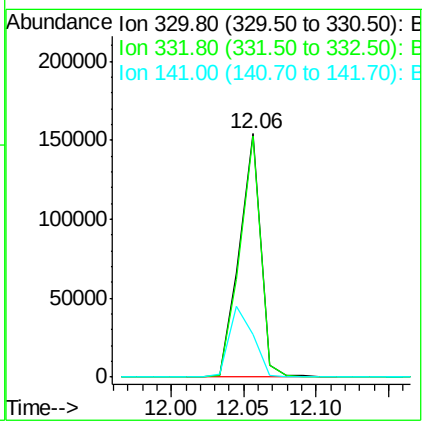


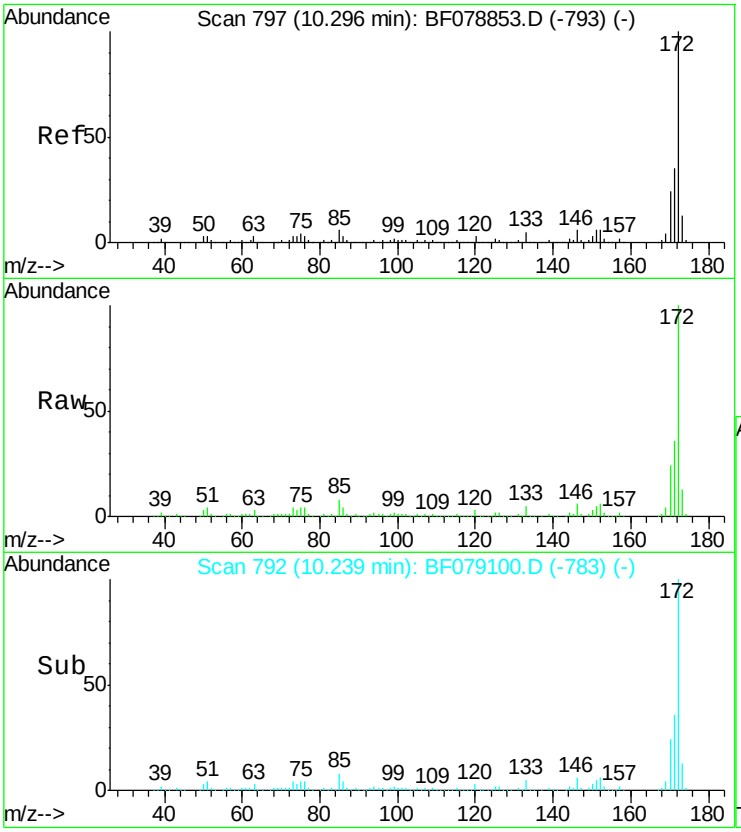


#41
2,4,6-Tribromophenol
Concen: 85.79 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Tgt Ion:330 Resp: 158740

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	32.7	0.0	0.0#



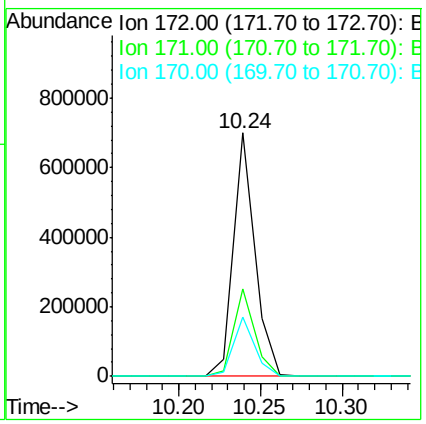


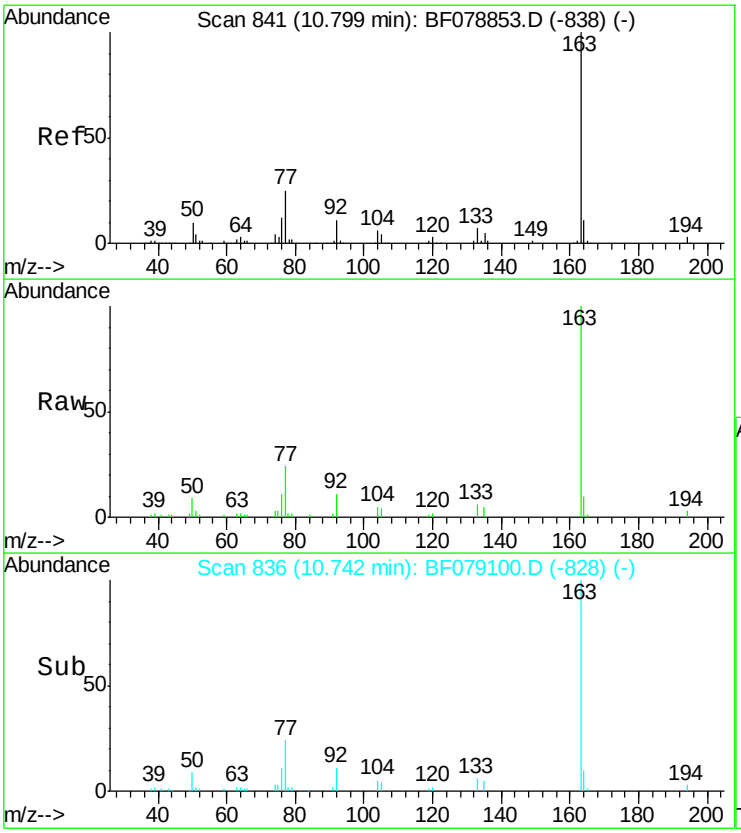
#44
2-Fluorobiphenyl
Concen: 51.63 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-2.5

Tgt Ion:172 Resp: 633931

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.2	19.4	29.0

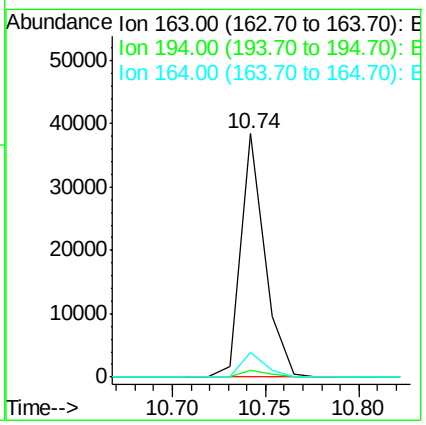


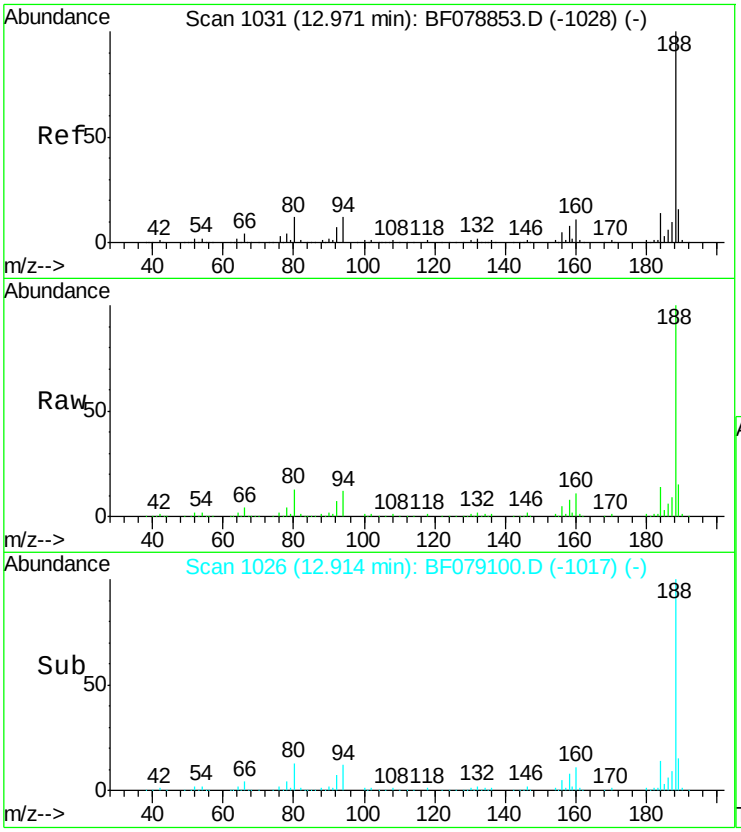


#49
Dimethylphthalate
Concen: 2.73 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Tgt Ion:163 Resp: 34330

Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.6	4.0#
164	10.3	8.1	12.1



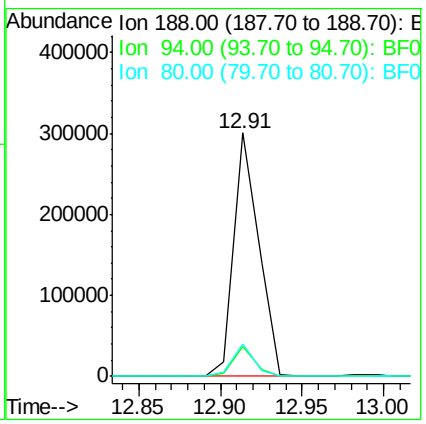


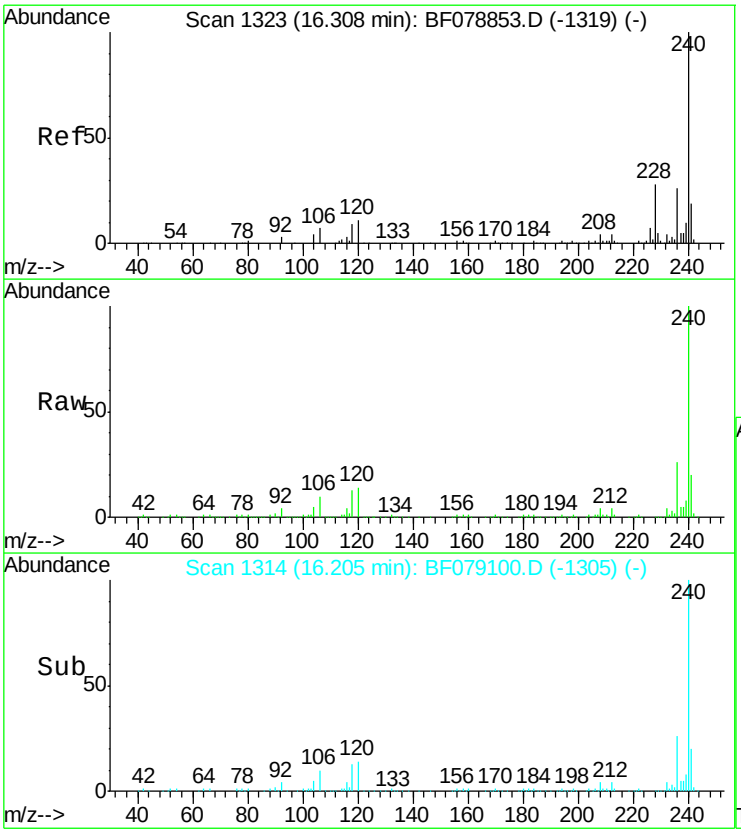
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-2.5

Tgt Ion:188 Resp: 317640

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.2	12.2
80	13.1	8.9	13.3

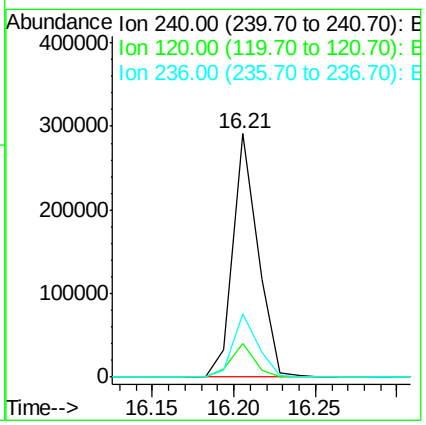


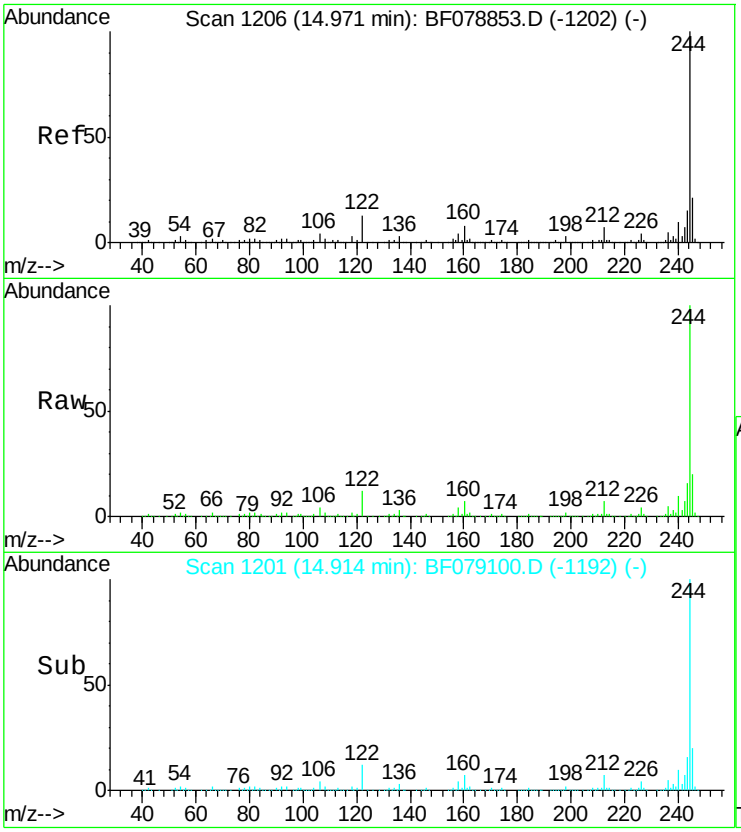


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Tgt Ion:240 Resp: 308053

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.7	14.5
236	25.7	20.2	30.4



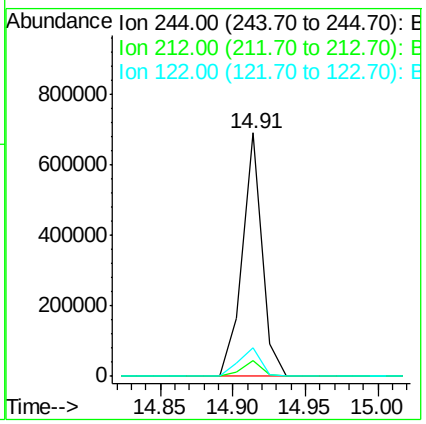


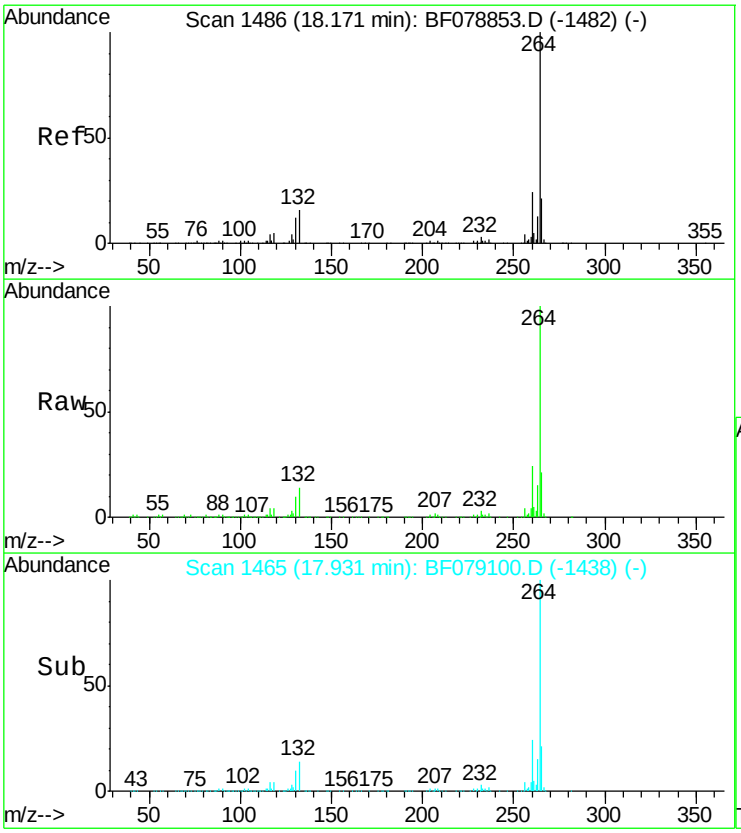
#78
Terphenyl-d14
Concen: 50.66 ng
RT: 14.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Instrument :
BNA_F
ClientSampleId :
TU021-SB-14-2.5

Tgt Ion:244 Resp: 651887

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	11.9	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.93 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF079100.D
Acq: 10 May 2015 00:41

Tgt Ion:264 Resp: 316210

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	18.3	27.5