Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075573.D
Acq On : 16 Nov 2014 9:48
Operator : TP / JJ
Sample : F4737-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-005

Quant Time: Nov 17 04:33:04 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 04:16:34 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	45462	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	181840	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	98160	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	169561	20.00	ng	0.00
75) Chrysene-d12	16.46	240	182926	20.00	ng	-0.02
86) Perylene-d12	18.21	264	176250	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	276316	107.37	ng	0.00
7) Phenol-d6	7.11	99	358573	115.87	ng	0.00
23) Nitrobenzene-d5	8.24	82	188258	75.90	ng	-0.01
41) 2,4,6-Tribromophenol	12.30	330	84938	103.31	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	388808	71.57	ng	0.00
78) Terphenyl-d14	15.16	244	414961	61.07	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.98	163	14689	2.19	ng	96
76) Benzidine	14.85	184	17342	2.98	ng	95

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

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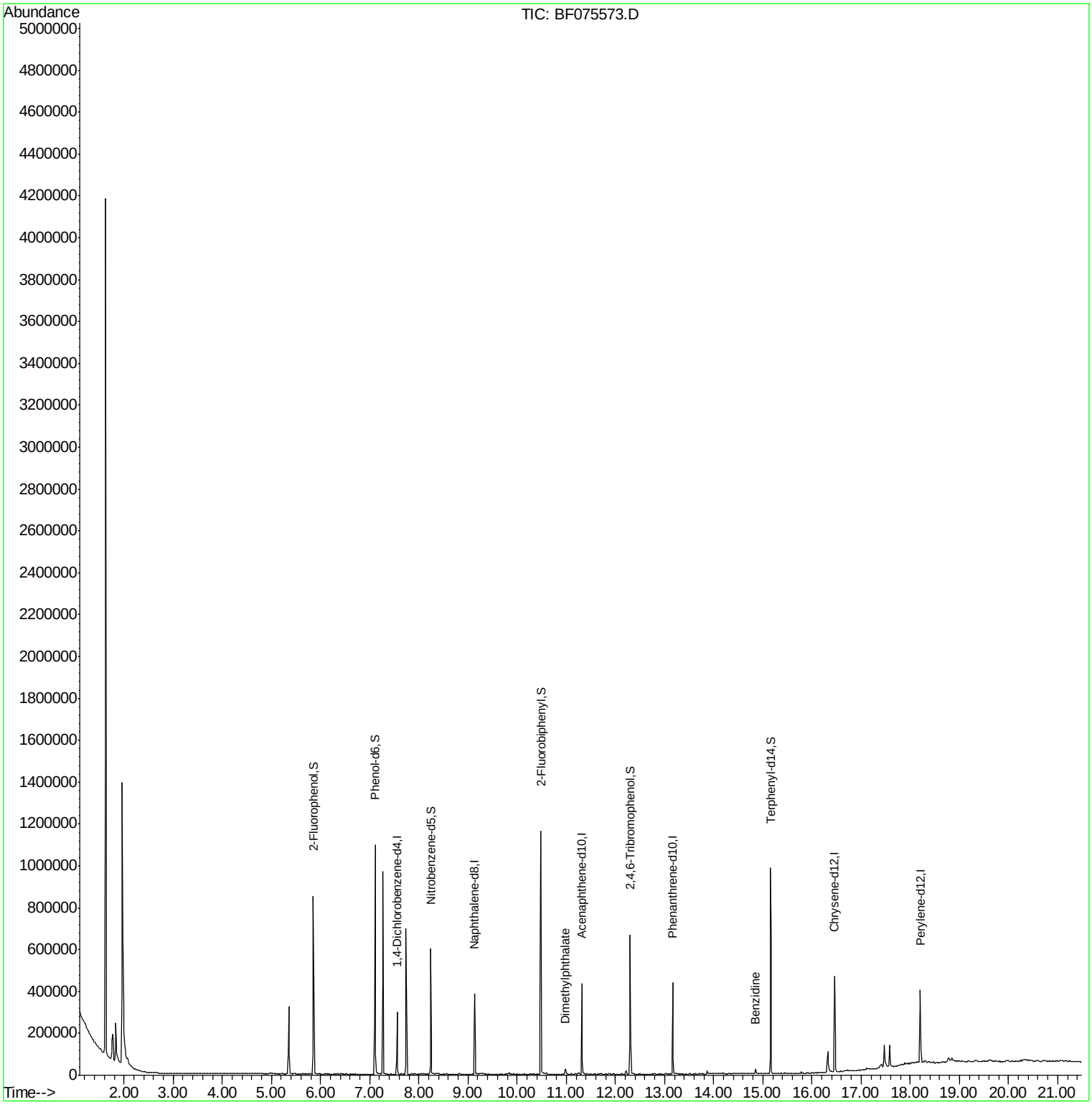
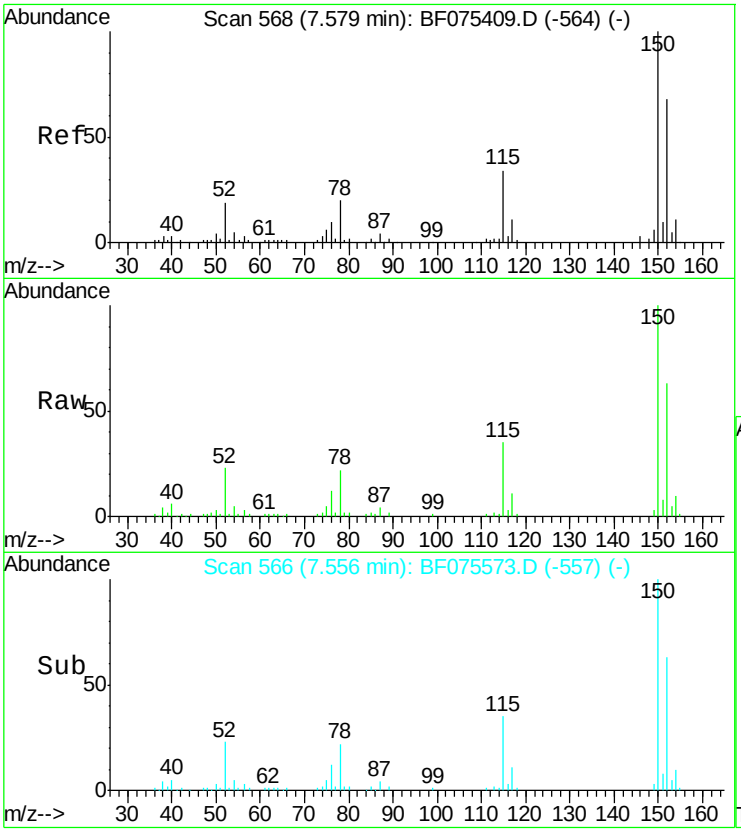


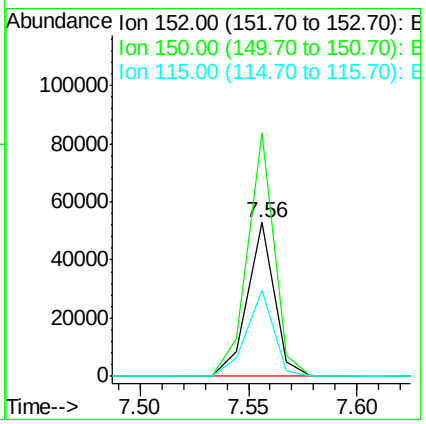


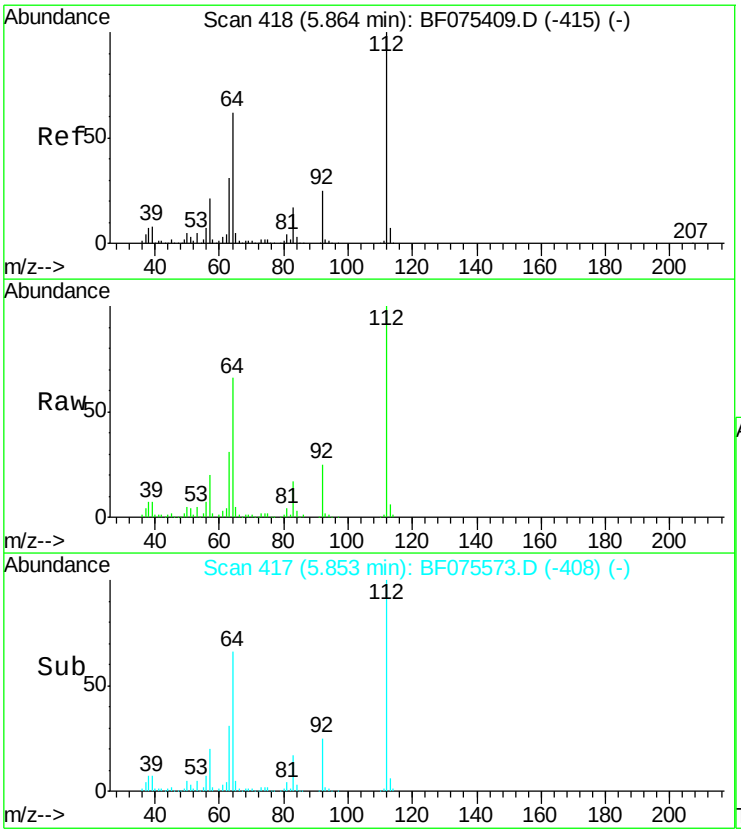
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Instrument :
BNA_F
ClientSampleId :
FS-005

Tgt Ion:152 Resp: 45462

Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.2	190.8
115	56.0	57.1	85.7#

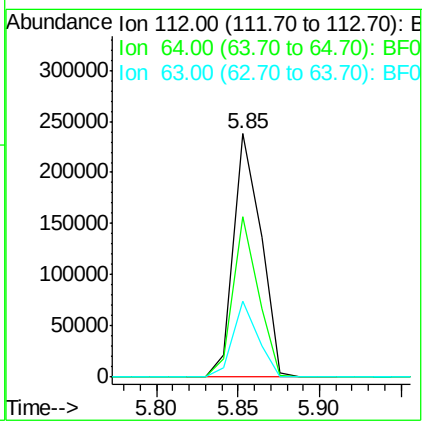


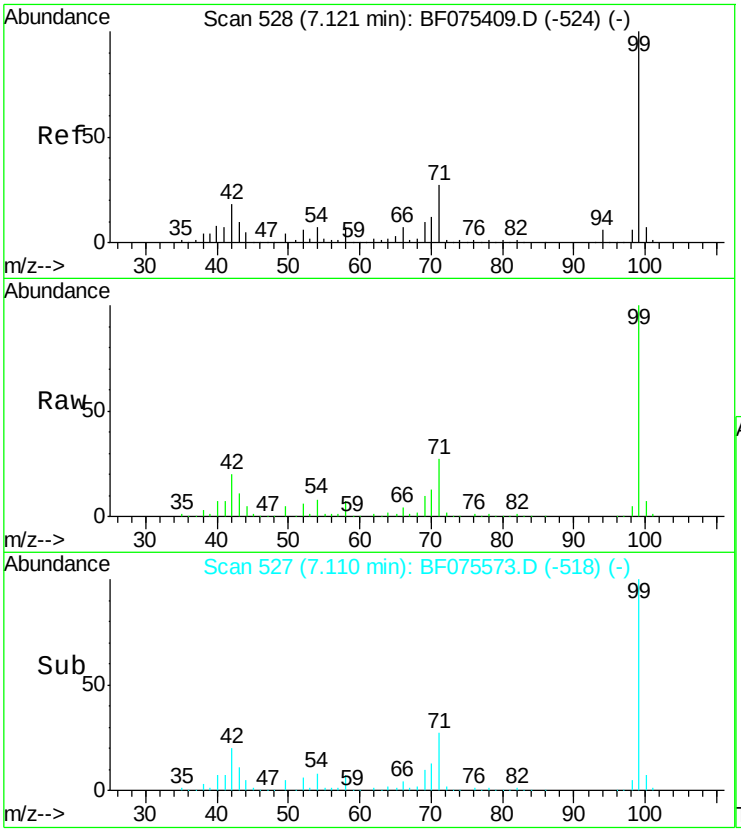


#5
2-Fluorophenol
Concen: 107.37 ng
RT: 5.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Tgt Ion:112 Resp: 276316

Ion	Ratio	Lower	Upper
112	100		
64	66.0	45.8	68.6
63	31.1	22.7	34.1



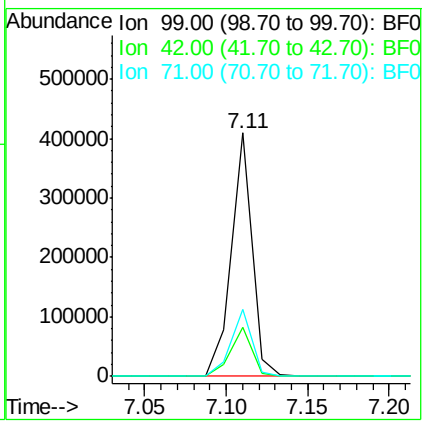


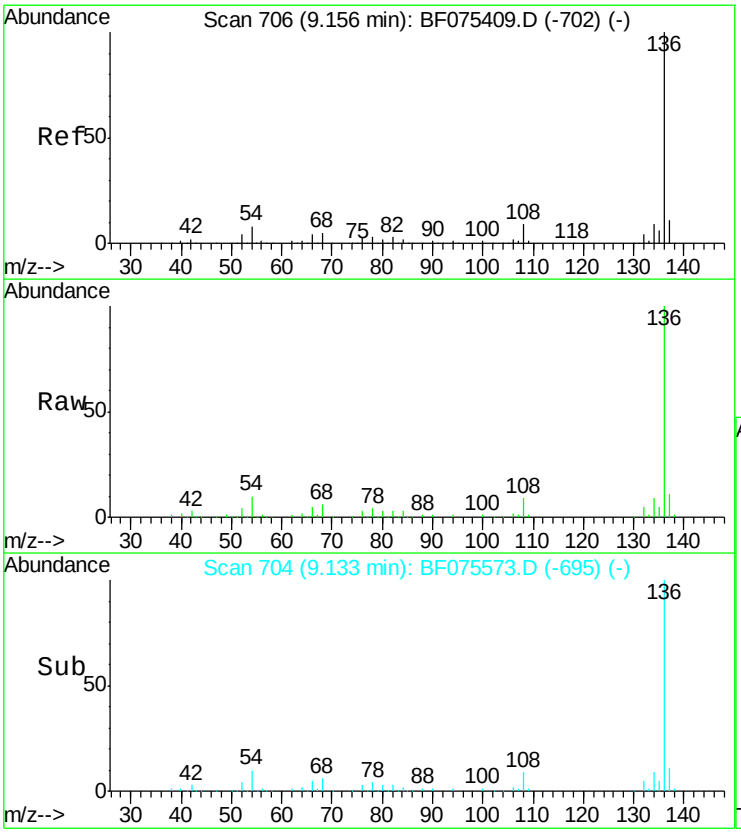
#7
Phenol-d6
Concen: 115.87 ng
RT: 7.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Instrument :
BNA_F
ClientSampleId :
FS-005

Tgt Ion: 99 Resp: 358573

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.8	29.6
71	27.3	25.5	38.3

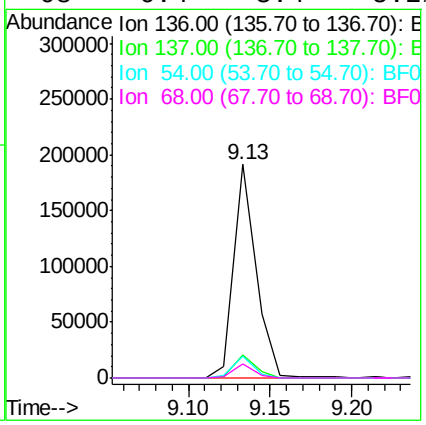


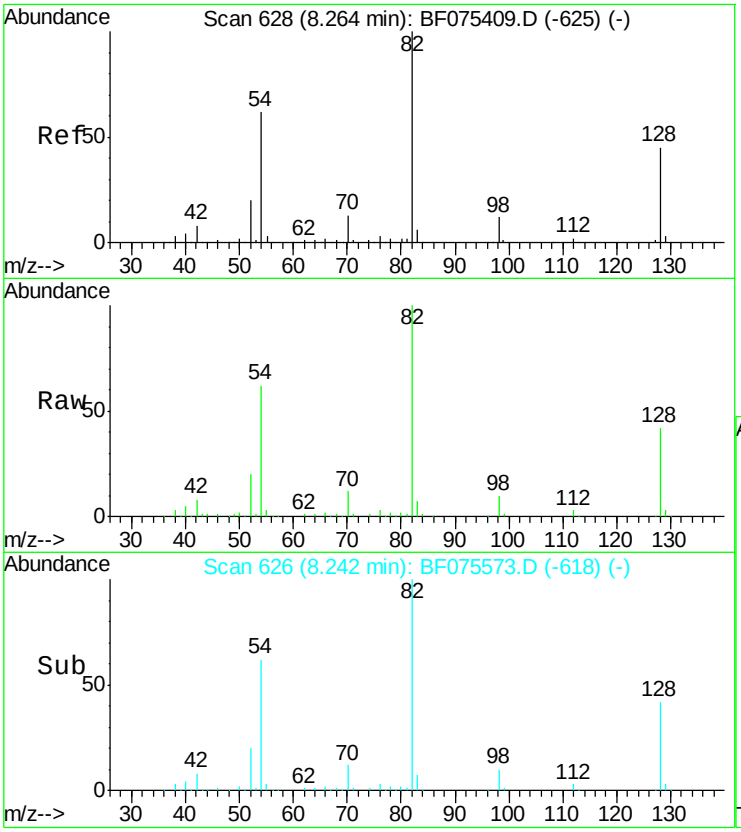


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Tgt Ion:136 Resp: 181840

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	10.2	6.2	9.4#
68	6.4	3.4	5.2#



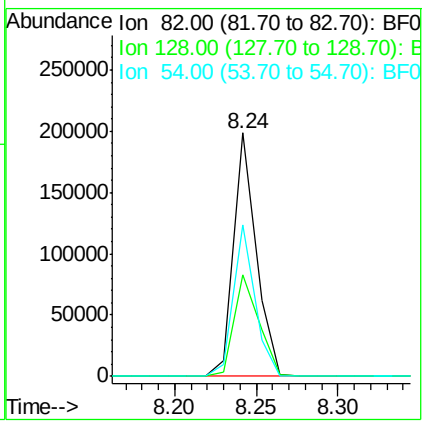


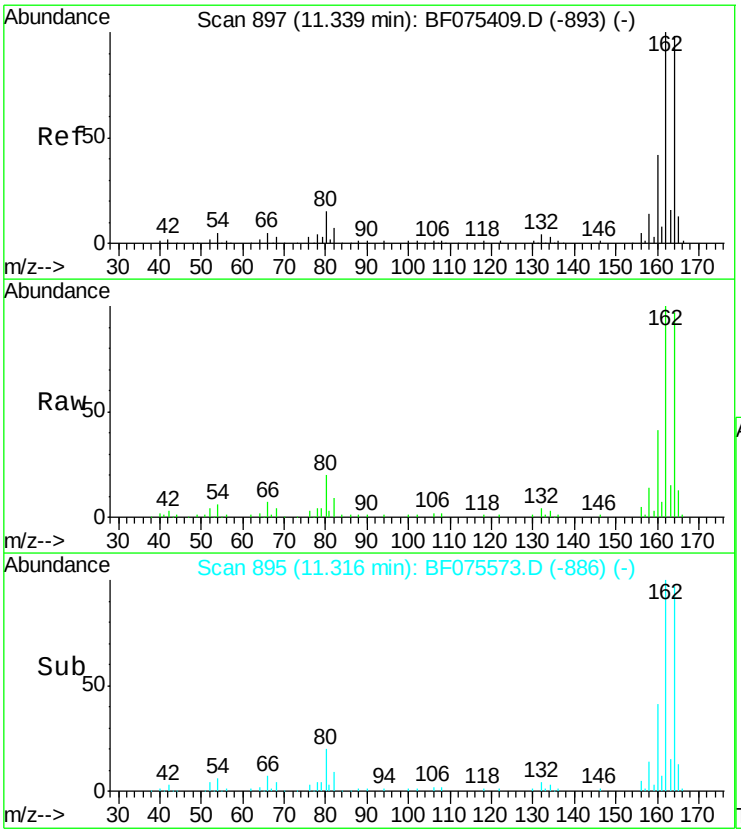
#23
Nitrobenzene-d5
Concen: 75.90 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Instrument :
BNA_F
ClientSampleId :
FS-005

Tgt Ion: 82 Resp: 188258

Ion	Ratio	Lower	Upper
82	100		
128	41.8	37.8	56.6
54	62.1	49.8	74.8

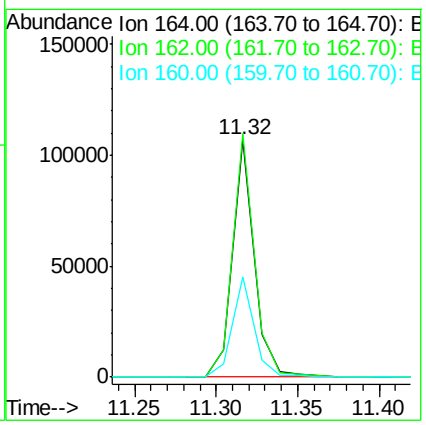


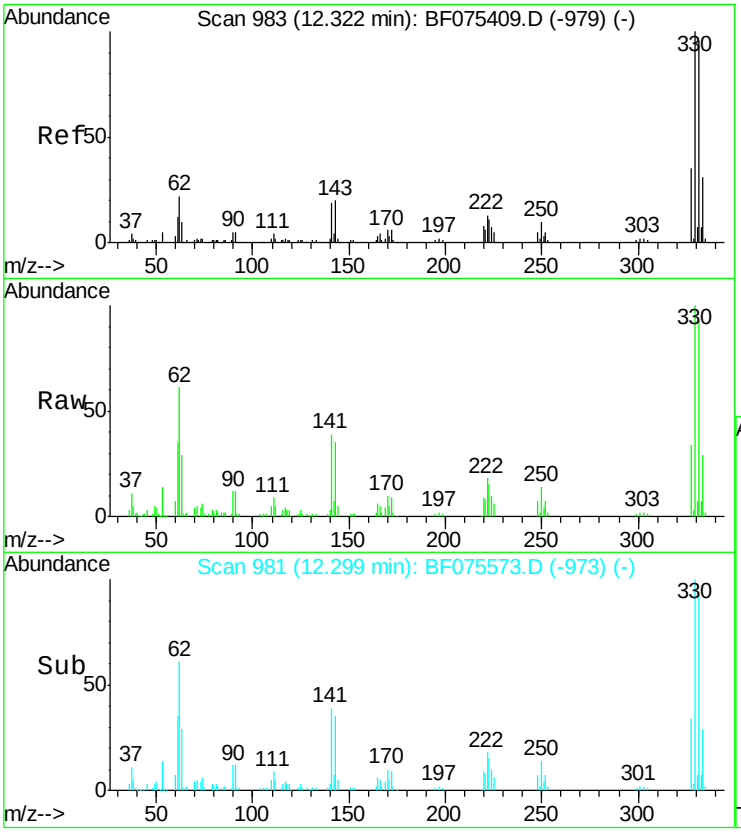


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Tgt Ion:164 Resp: 98160

Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.1	118.7
160	42.2	34.6	51.8



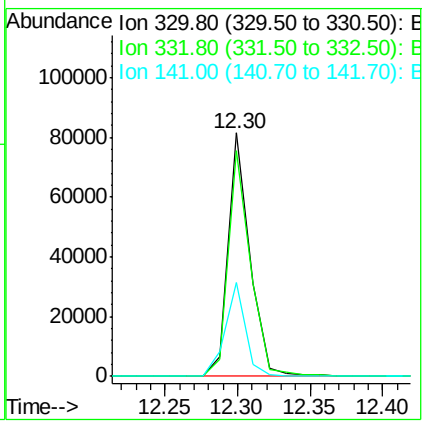


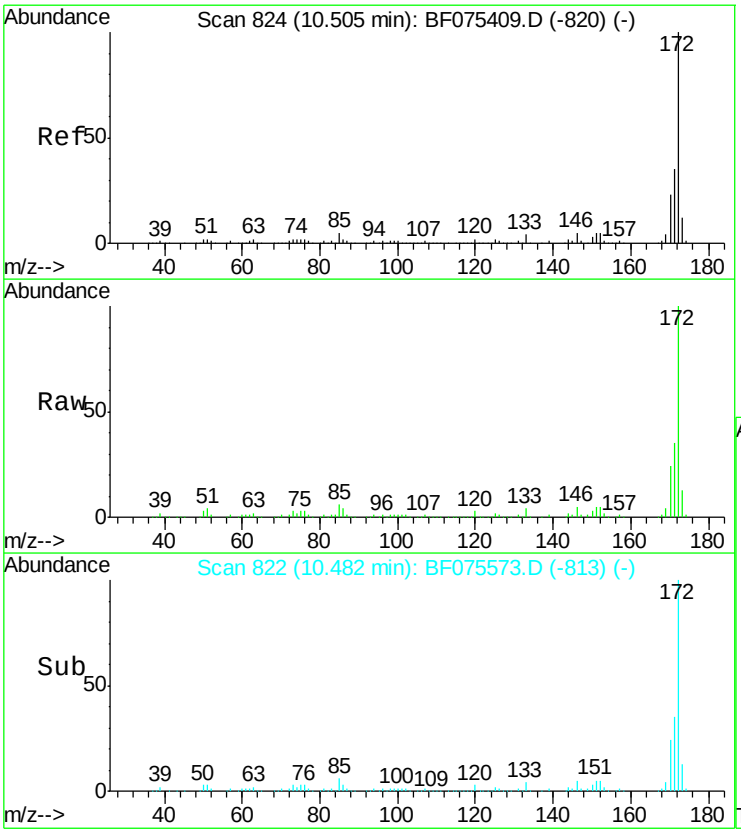
#41
2,4,6-Tribromophenol
Concen: 103.31 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Instrument :
BNA_F
ClientSampleId :
FS-005

Tgt Ion:330 Resp: 84938

Ion	Ratio	Lower	Upper
330	100		
332	94.6	74.5	111.7
141	36.0	30.7	46.1

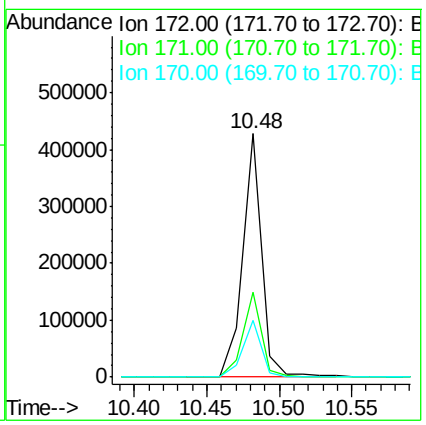


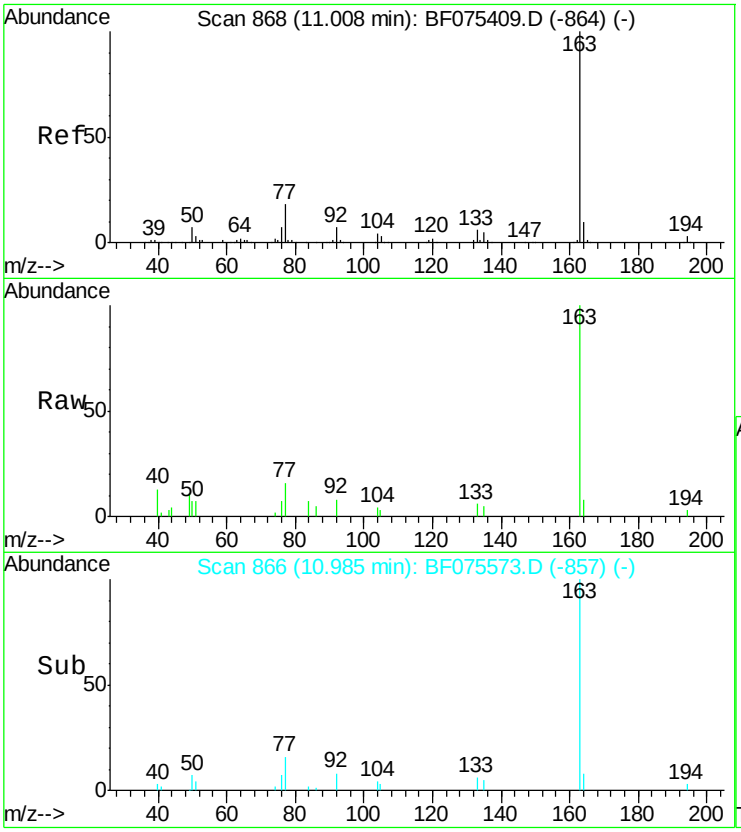


#44
2-Fluorobiphenyl
Concen: 71.57 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Tgt Ion:172 Resp: 388808

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	23.5	18.4	27.6



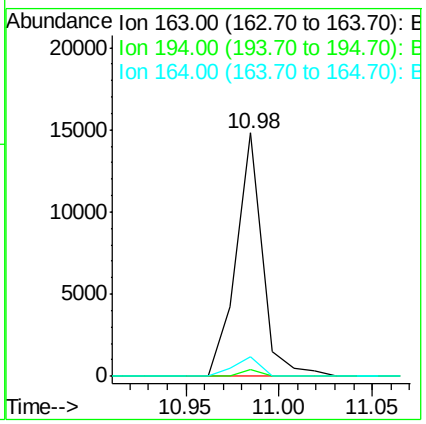


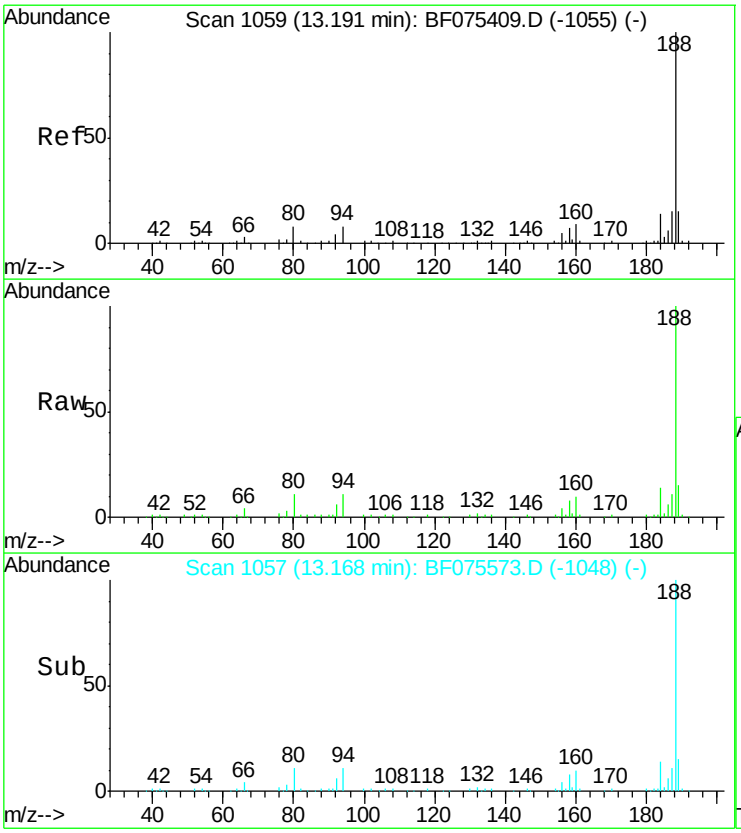
#49
Dimethylphthalate
Concen: 2.19 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Instrument :
BNA_F
ClientSampleId :
FS-005

Tgt Ion:163 Resp: 14689

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	8.2	8.0	12.0

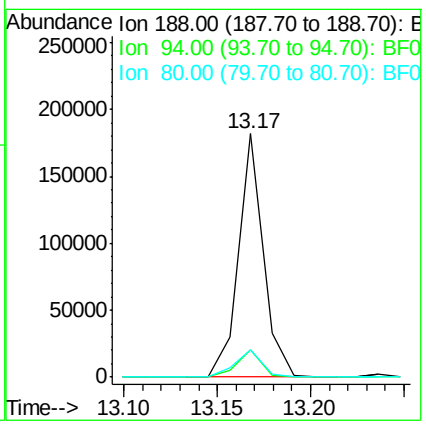


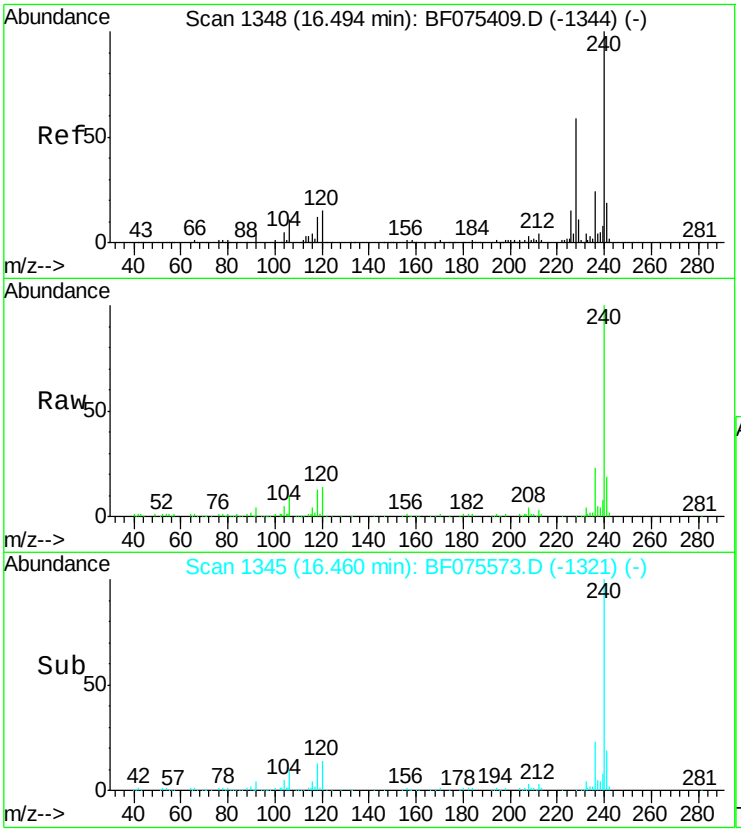


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Tgt Ion:188 Resp: 169561

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.8	11.6
80	11.1	8.0	12.0



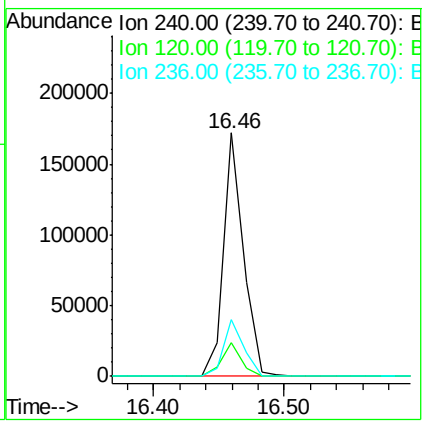


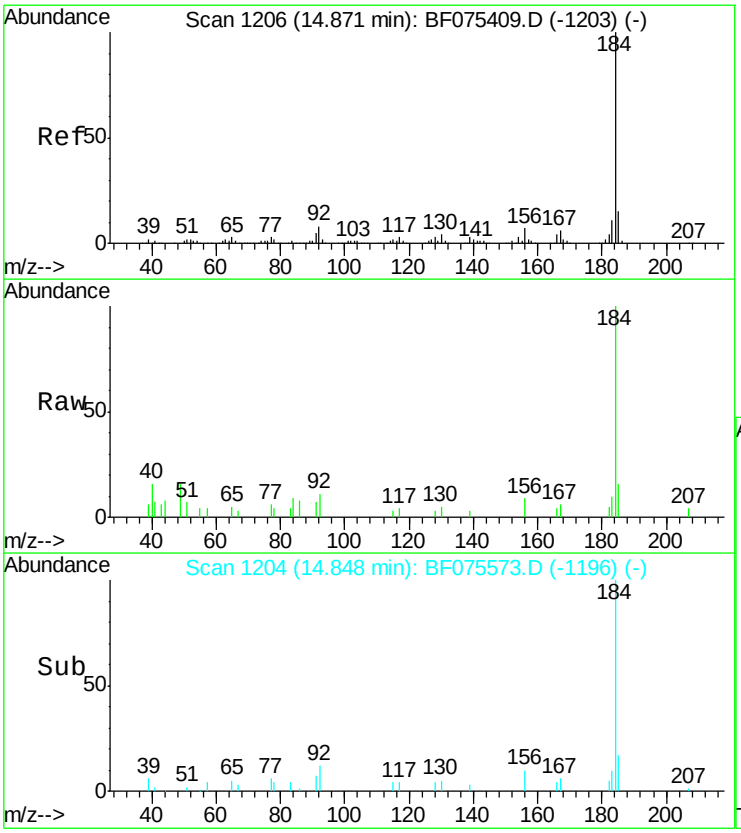
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Instrument :
BNA_F
ClientSampleId :
FS-005

Tgt Ion:240 Resp: 182926

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.6	14.4
236	23.2	18.9	28.3

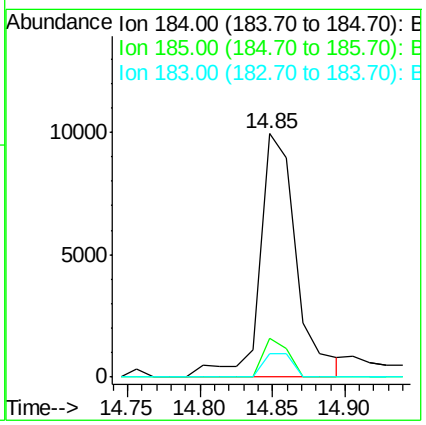


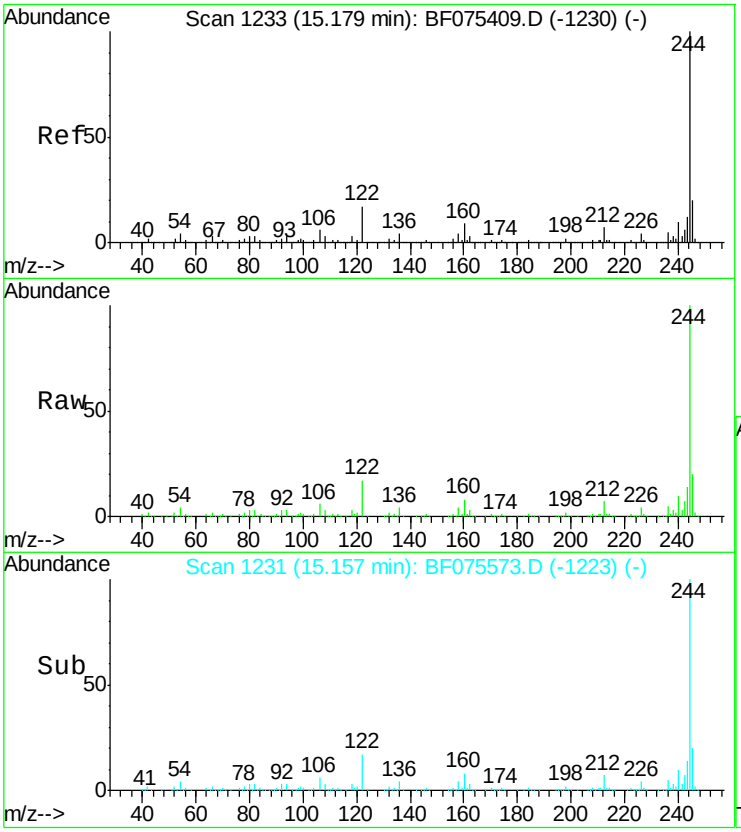


#76
Benzidine
Concen: 2.98 ng
RT: 14.85 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Tgt Ion:184 Resp: 17342

Ion	Ratio	Lower	Upper
184	100		
185	16.0	10.9	16.3
183	9.6	8.7	13.1



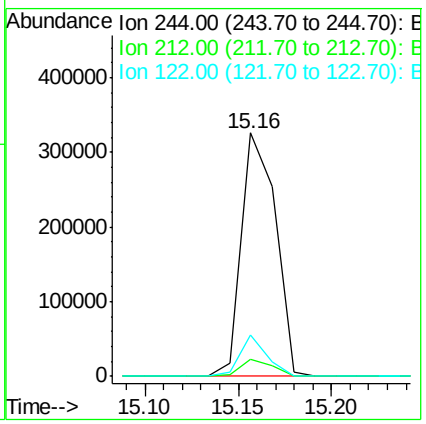


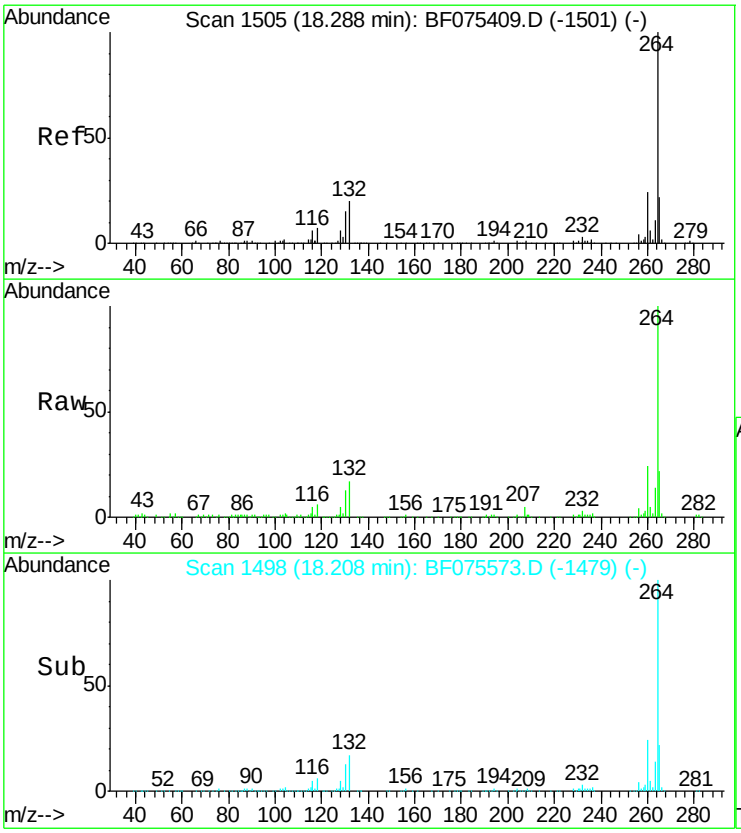
#78
Terphenyl-d14
Concen: 61.07 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Instrument :
BNA_F
ClientSampleId :
FS-005

Tgt Ion:244 Resp: 414961

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	17.1	9.7	14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.08 min
Lab File: BF075573.D
Acq: 16 Nov 2014 9:48

Tgt Ion:264 Resp: 176250

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	21.7	16.3	24.5