Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078614.D
Acq On : 17 Apr 2015 19:26
Operator : TP/IZ
Sample : G1871-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-38

Quant Time: Apr 18 00:24:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 00:02:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	48638	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	194869	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	98752	20.00	ng		0.00
63) Phenanthrene-d10	12.22	188	194171	20.00	ng		0.00
75) Chrysene-d12	15.47	240	227546	20.00	ng		0.01
86) Perylene-d12	17.22	264	226076	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	151877	51.48	ng		0.00
7) Phenol-d6	6.28	99	118369	32.02	ng		0.00
23) Nitrobenzene-d5	7.38	82	264051	82.13	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	106481	130.01	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	533476	77.22	ng		0.00
78) Terphenyl-d14	14.21	244	660499	65.59	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.27	128	273494	26.96	ng		99
37) 2-Methylnaphthalene	9.13	142	37690	5.47	ng	#	95

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

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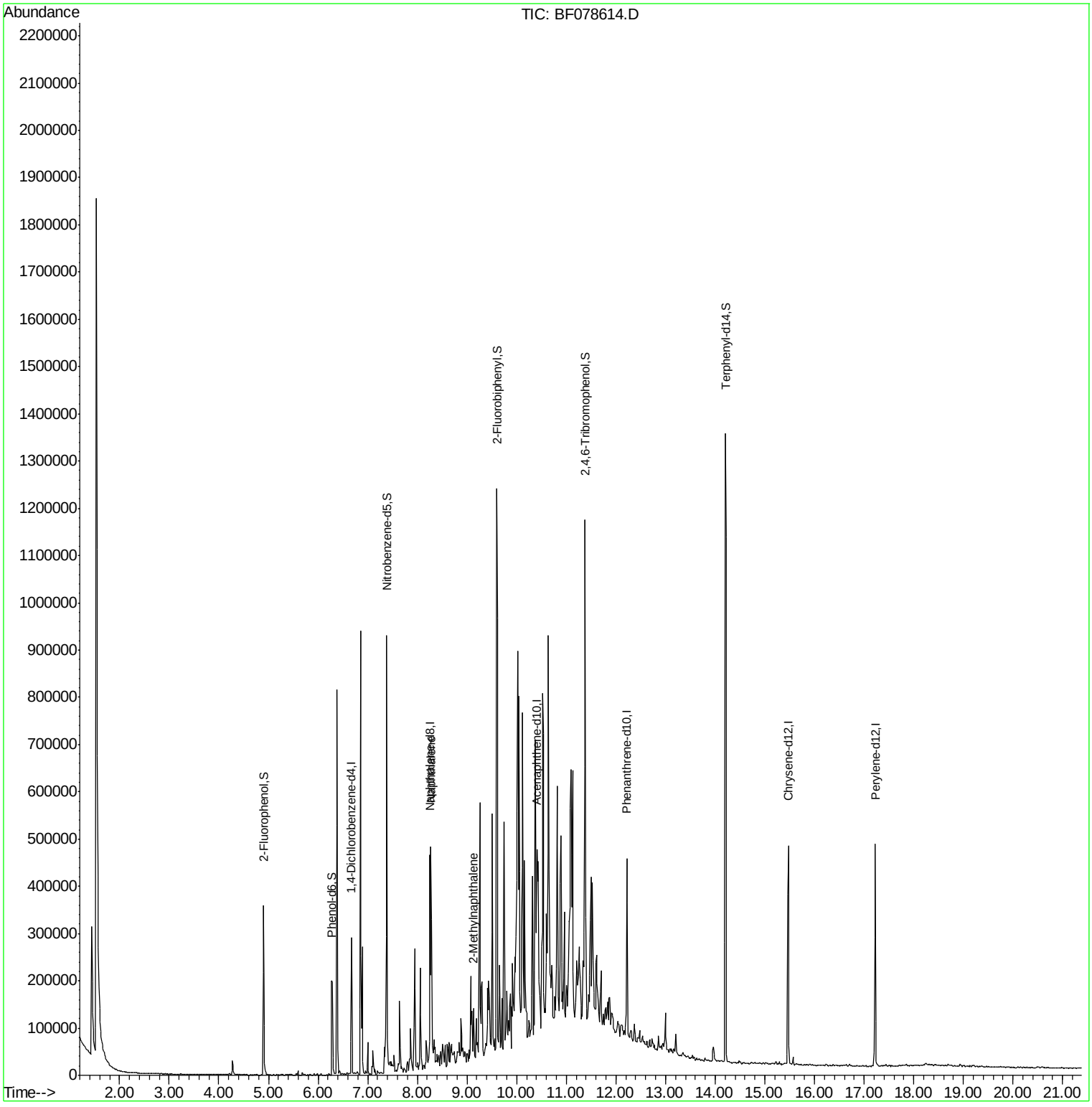
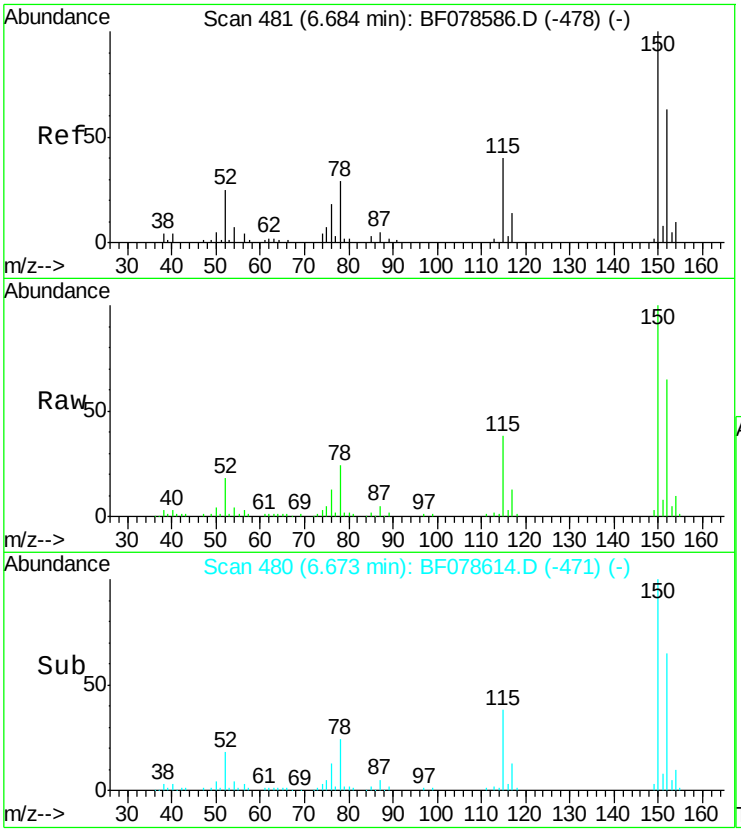


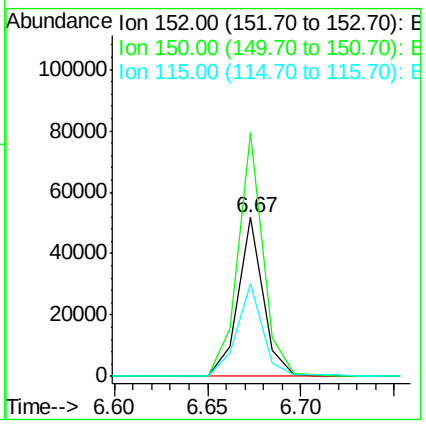


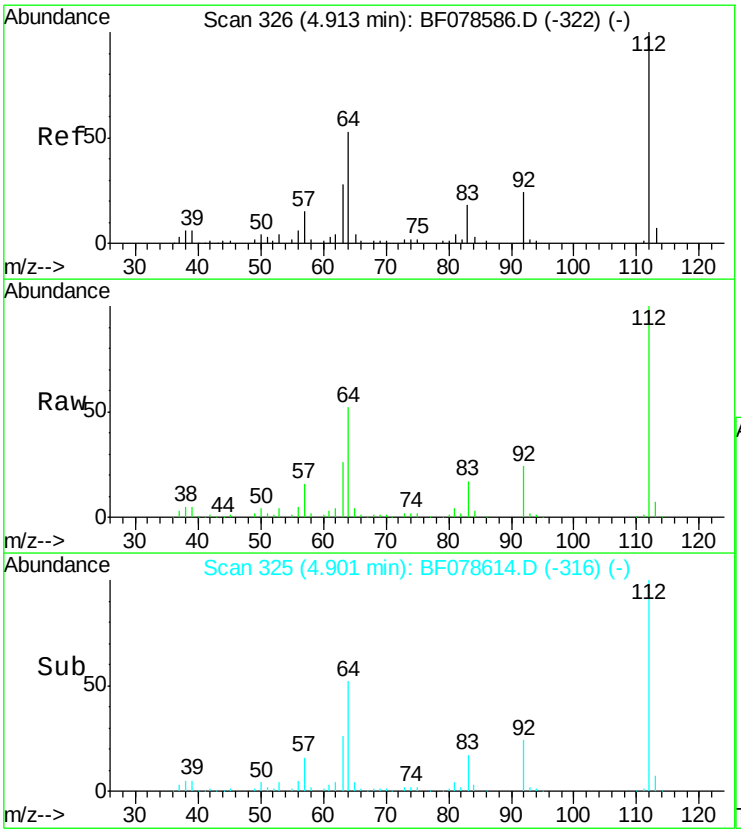
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:152 Resp: 48638

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.9	188.9
115	58.2	52.7	79.1

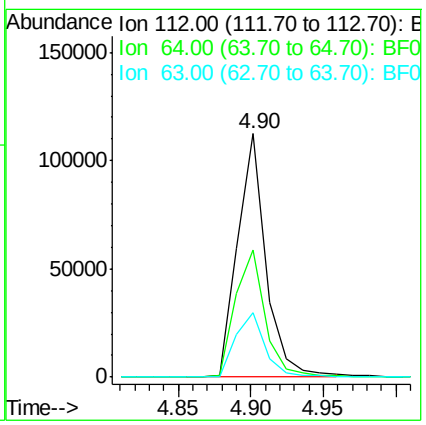


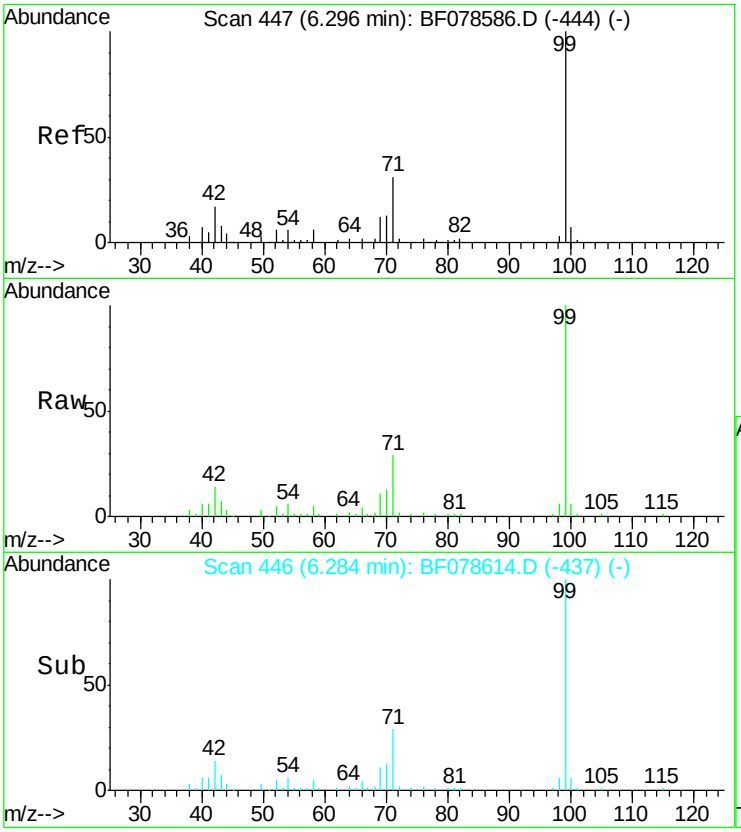


#5
2-Fluorophenol
Concen: 51.48 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Tgt Ion:112 Resp: 151877

Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.9	59.9
63	26.3	20.2	30.4



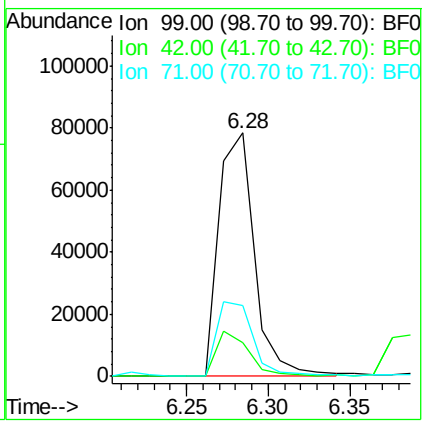


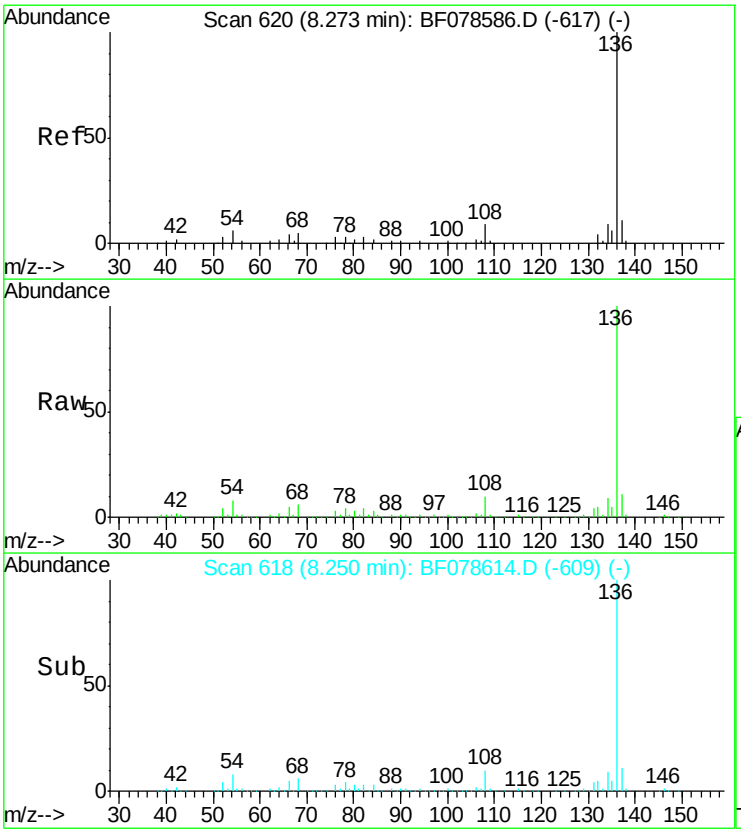
#7
Phenol-d6
Concen: 32.02 ng
RT: 6.28 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion: 99 Resp: 118369

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.8	22.2#
71	29.0	26.6	39.8

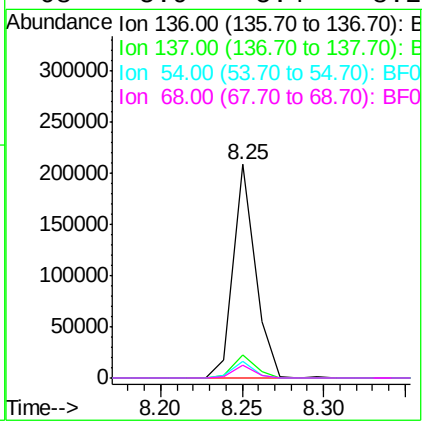


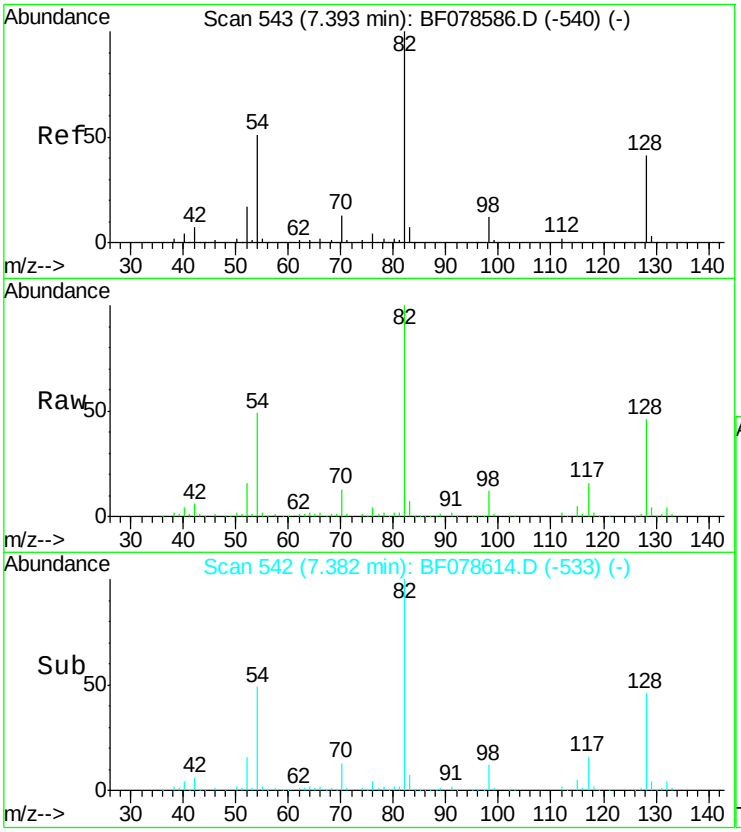


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Tgt Ion:136 Resp: 194869

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.7	7.0	10.6
68	5.9	5.4	8.2



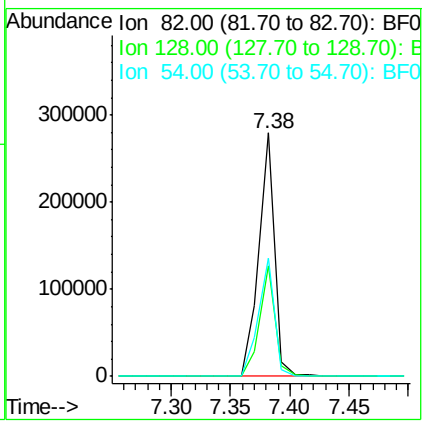


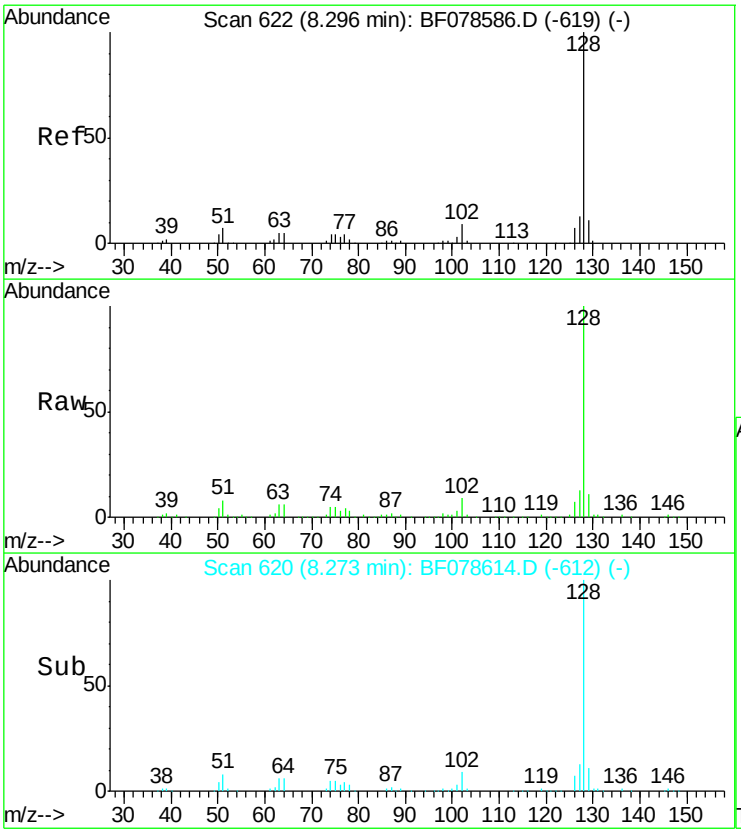
#23
Nitrobenzene-d5
Concen: 82.13 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion: 82 Resp: 264051

Ion	Ratio	Lower	Upper
82	100		
128	45.5	31.8	47.8
54	48.8	41.5	62.3

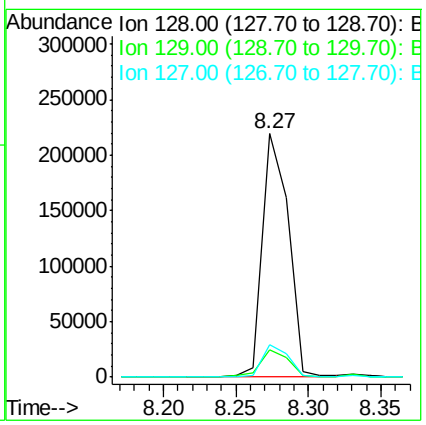


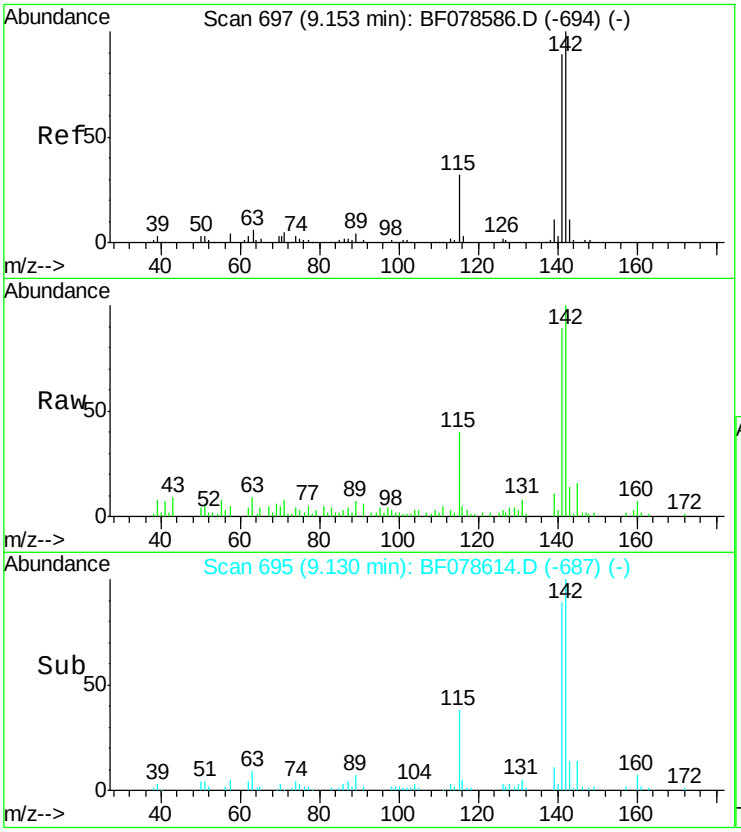


#31
Naphthalene
Concen: 26.96 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Tgt Ion:128 Resp: 273494

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.2	10.7	16.1



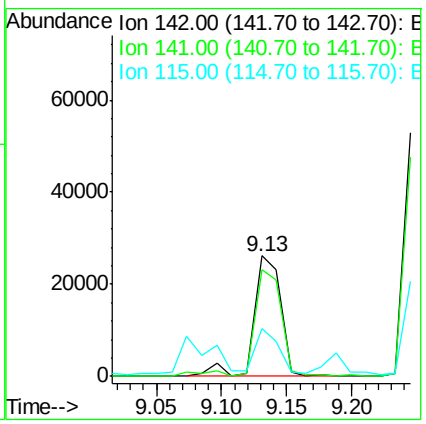


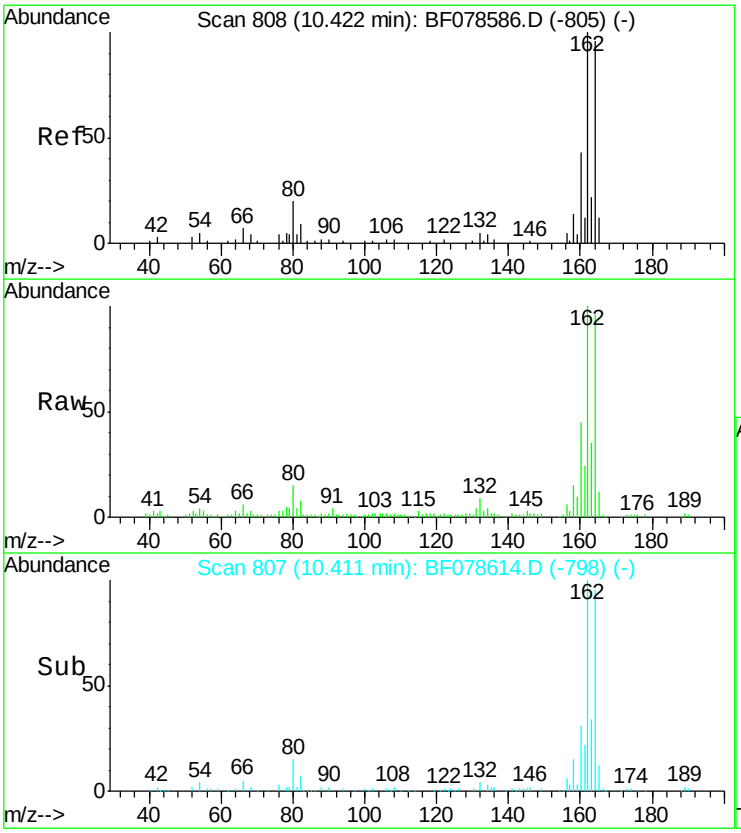
#37
2-Methylnaphthalene
Concen: 5.47 ng
RT: 9.13 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:142 Resp: 37690

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5
115	40.0	24.6	37.0#

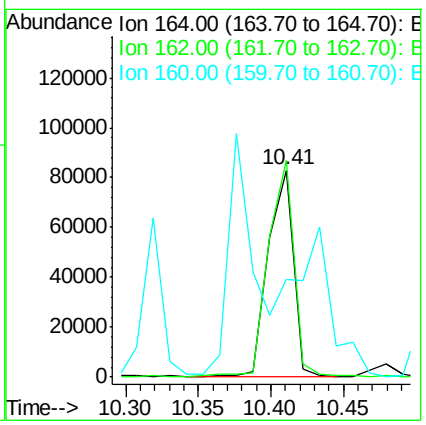


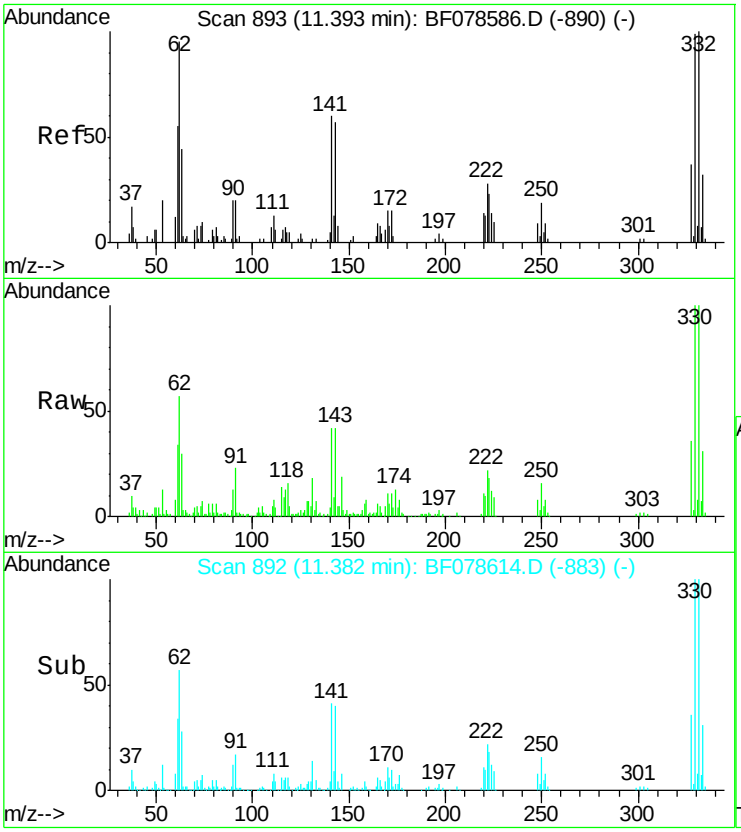


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Tgt Ion:164 Resp: 98752

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.2
160	47.0	34.7	52.1



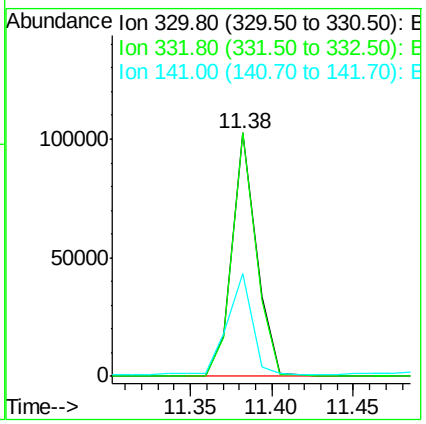


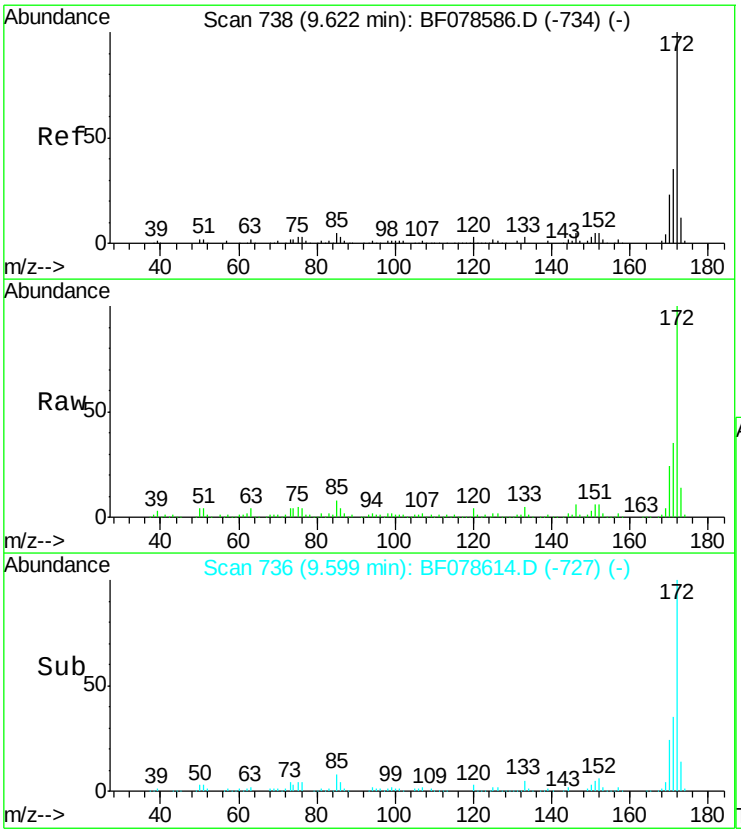
#41
2,4,6-Tribromophenol
Concen: 130.01 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:330 Resp: 106481

Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.6	117.8
141	43.2	31.2	46.8

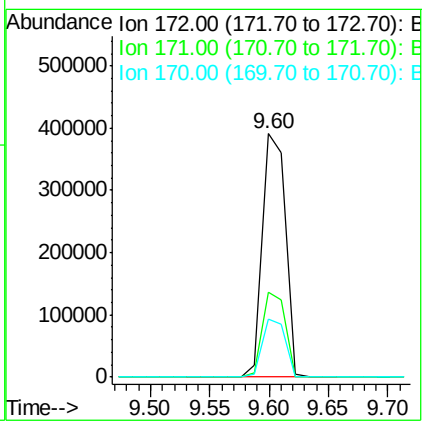


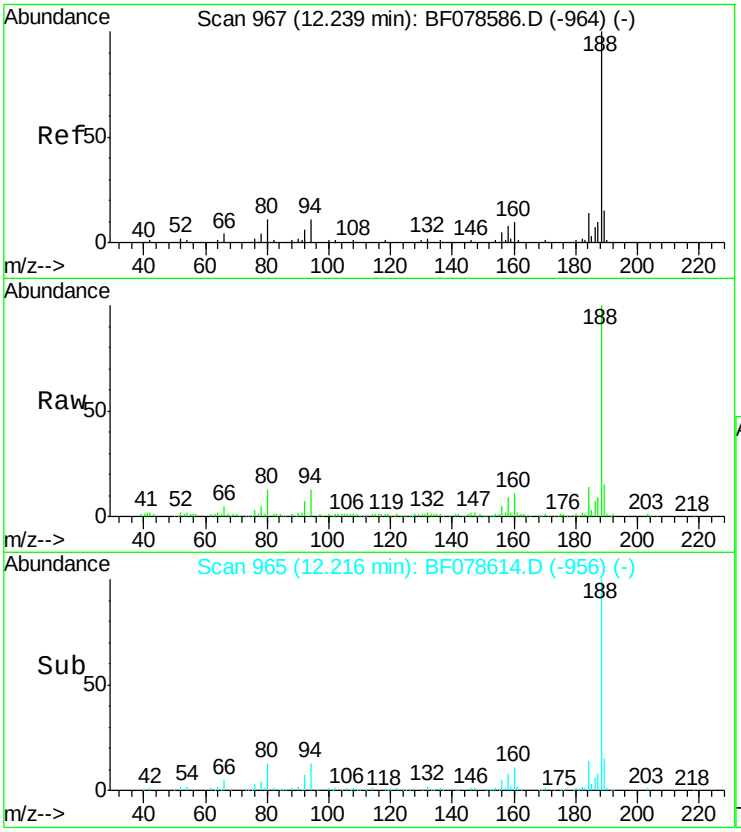


#44
2-Fluorobiphenyl
Concen: 77.22 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Tgt Ion:172 Resp: 533476

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.6	18.5	27.7



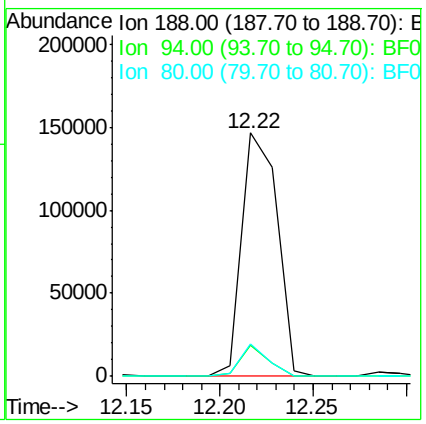


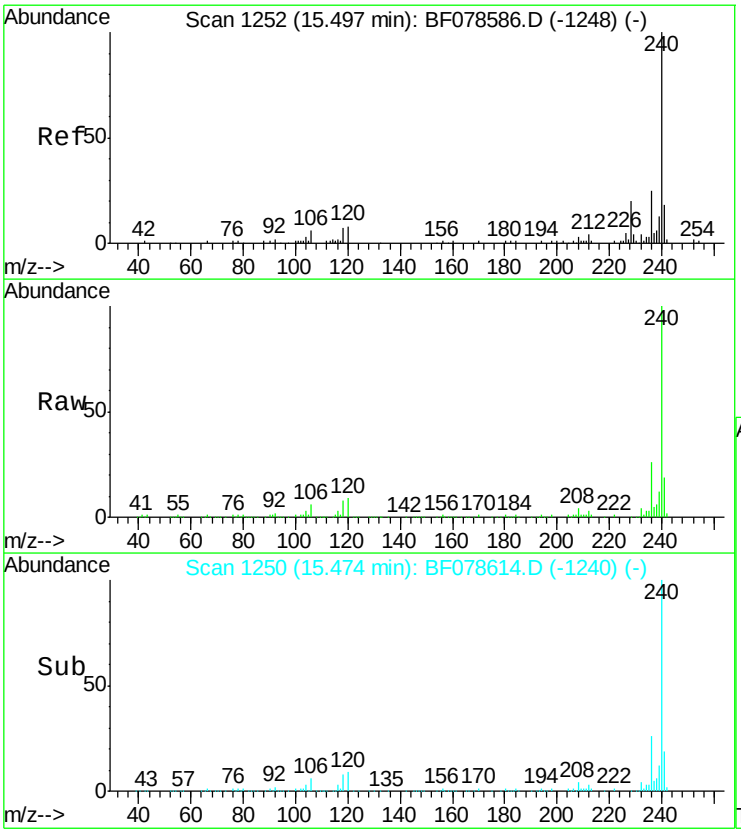
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:188 Resp: 194171

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.0	13.4
80	13.4	9.5	14.3

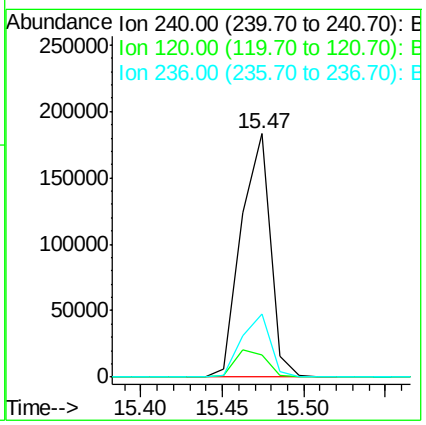


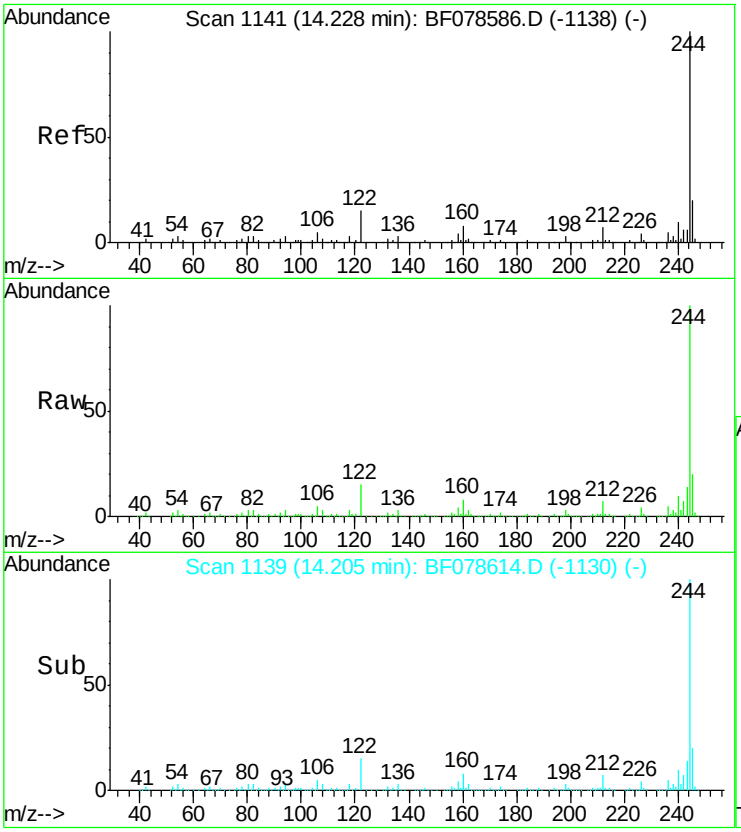


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Tgt Ion:240 Resp: 227546

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.1	10.7
236	26.0	21.4	32.2



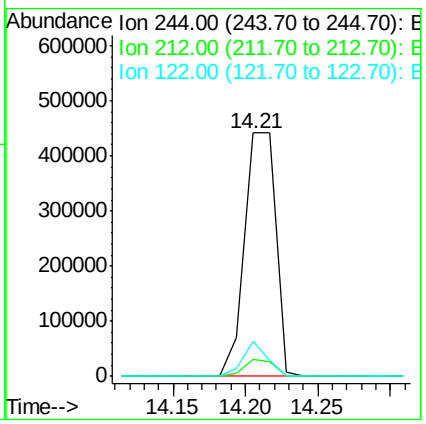


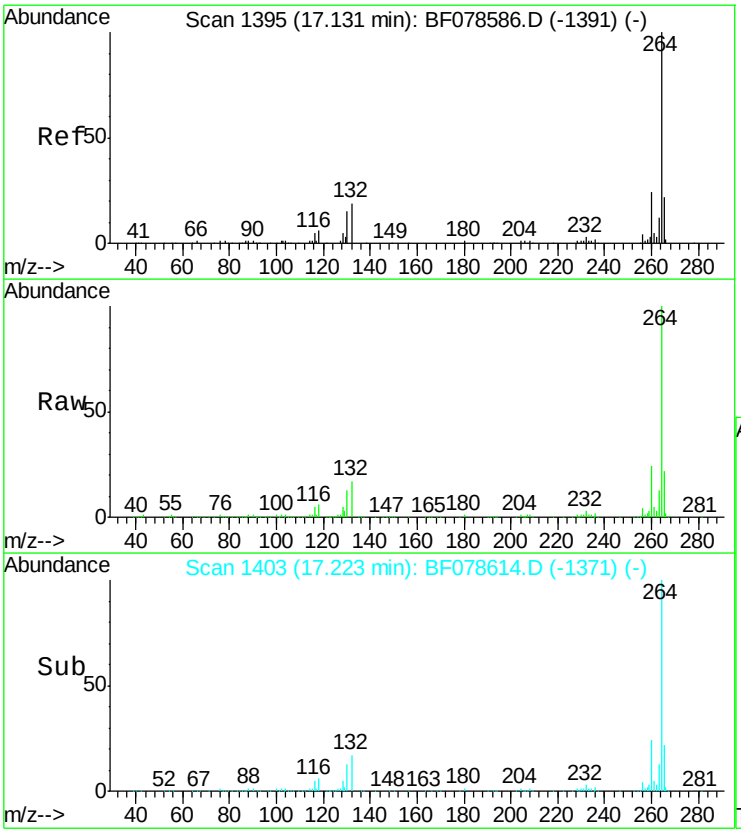
#78
Terphenyl-d14
Concen: 65.59 ng
RT: 14.21 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
MW-38

Tgt Ion:244 Resp: 660499

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.0	7.4
122	14.5	7.1	10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.22 min Scan# 1403
Delta R.T. 0.07 min
Lab File: BF078614.D
Acq: 17 Apr 2015 19:26

Tgt Ion:264 Resp: 226076

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.5	17.0	25.6