Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
Data File : BF078252.D
Acq On : 6 Apr 2015 12:58
Operator : TP/IZ
Sample : G1736-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

Quant Time: Apr 07 01:20:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 02:08:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	54892	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	226325	20.00	ng		0.00
38) Acenaphthene-d10	10.72	164	117451	20.00	ng		0.00
63) Phenanthrene-d10	12.55	188	236252	20.00	ng		-0.01
75) Chrysene-d12	15.83	240	249662	20.00	ng		-0.02
86) Perylene-d12	17.59	264	234865	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	124065	37.27	ng		0.00
7) Phenol-d6	6.58	99	104583	25.07	ng		0.00
23) Nitrobenzene-d5	7.68	82	233256	62.47	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	98277	100.89	ng		0.00
44) 2-Fluorobiphenyl	9.90	172	536292	65.27	ng		0.00
78) Terphenyl-d14	14.55	244	617511	55.89	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.28	122	963	6.31	ng		96
55) 4-Nitrophenol	10.98	139	536	3.11	ng	#	18
69) Pentachlorophenol	12.33	266	783	8.34	ng		90

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

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Misc :
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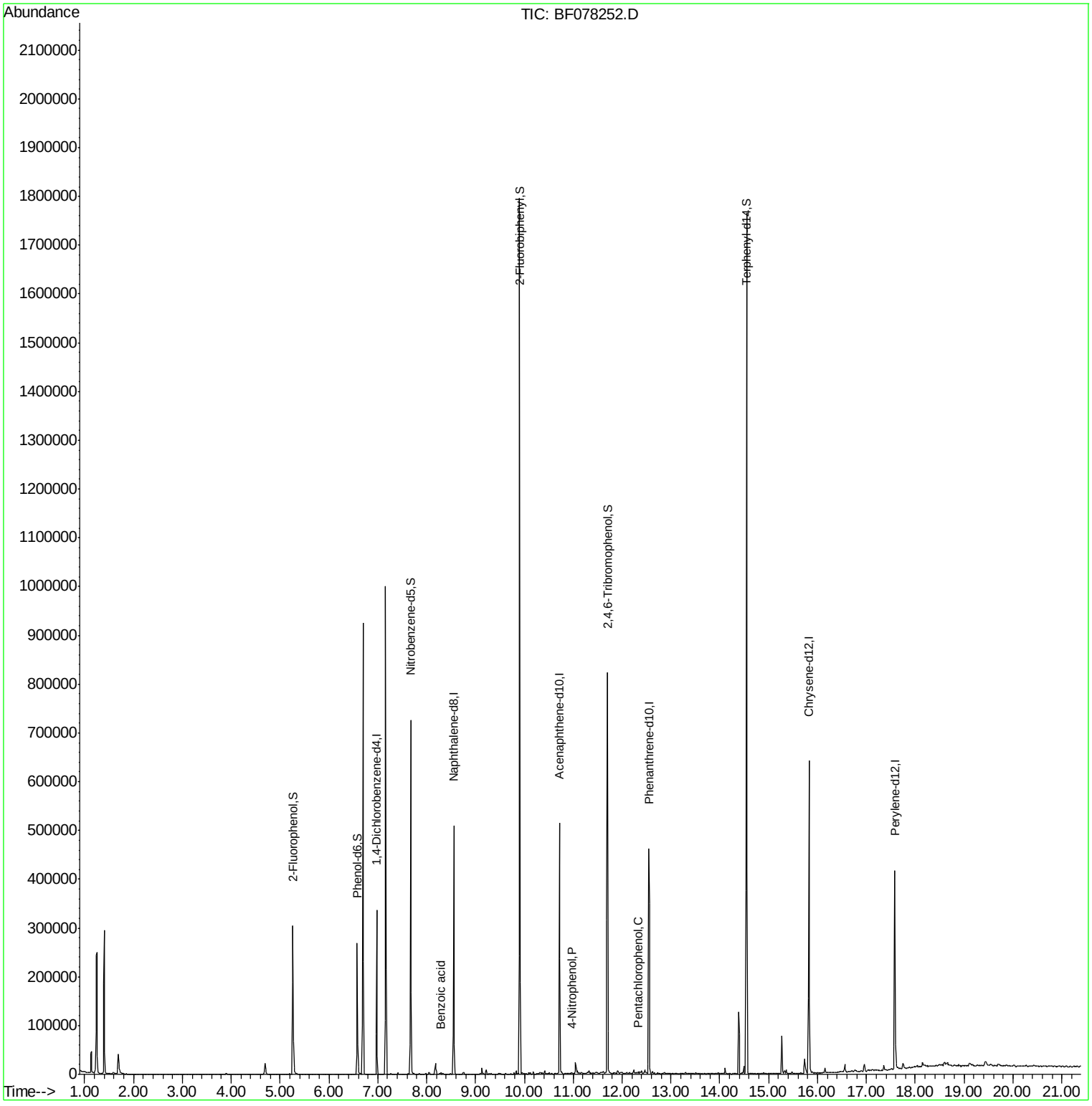
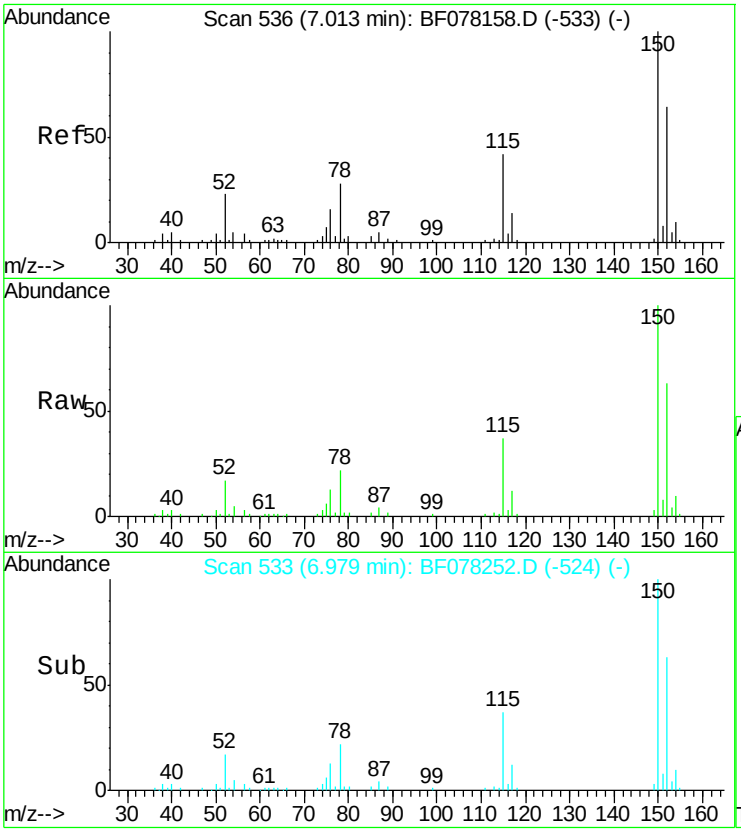


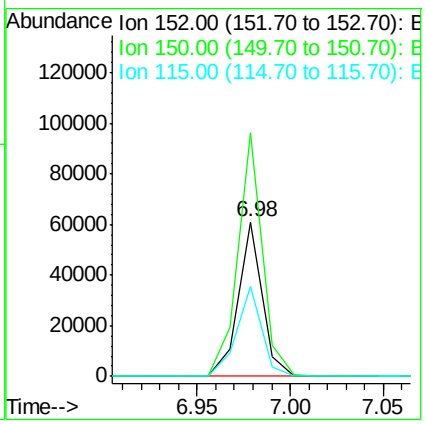


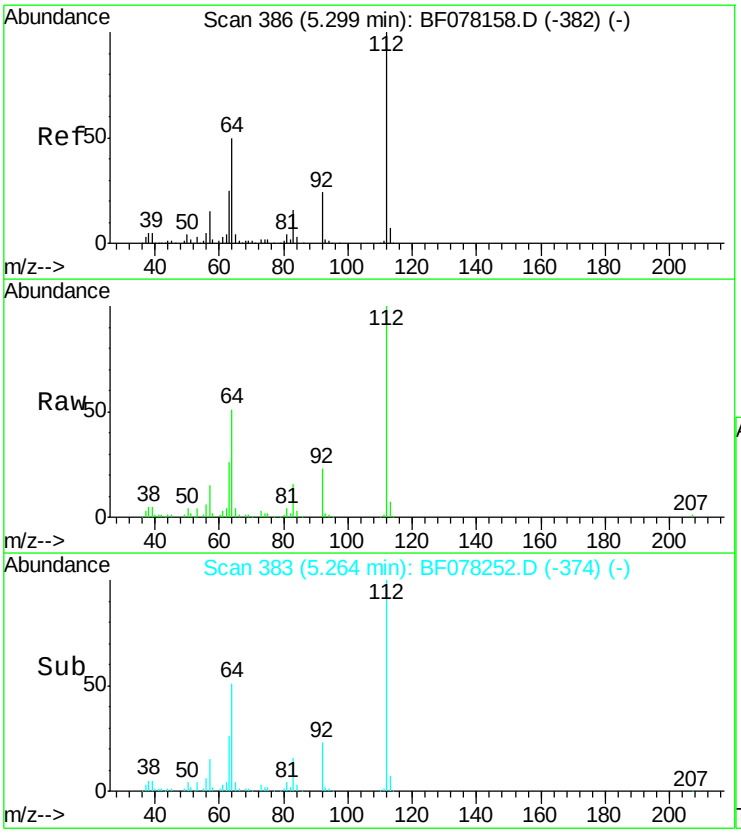
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:152 Resp: 54892

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.9	188.9
115	58.5	52.7	79.1

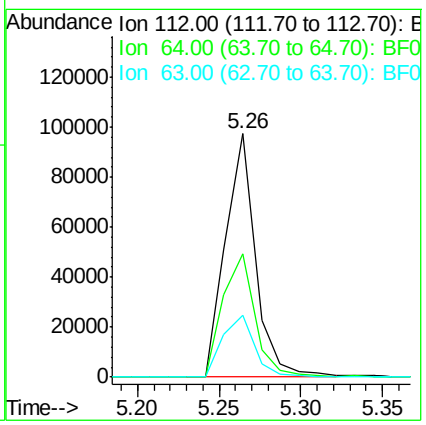


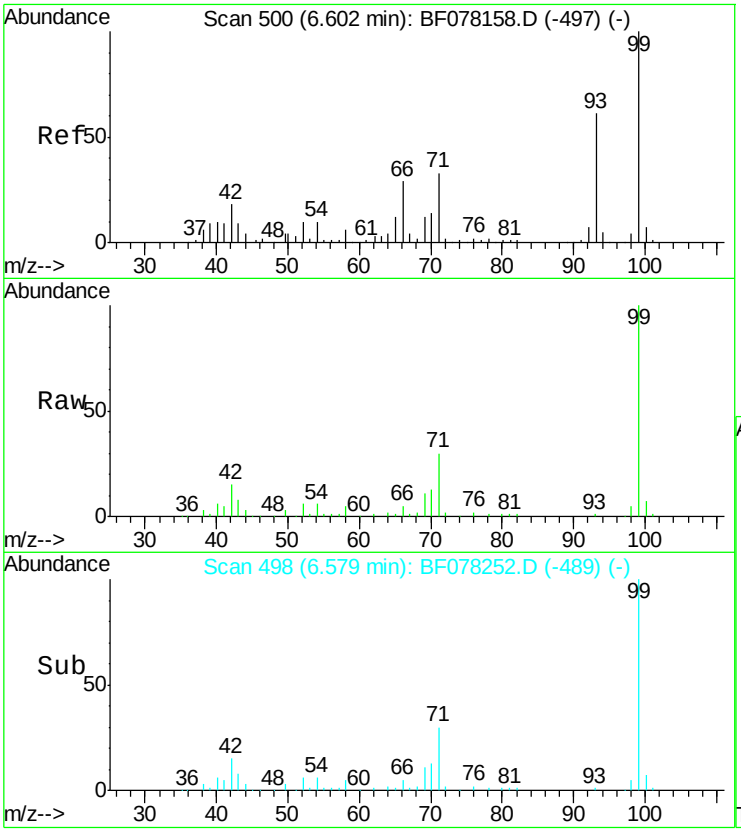


#5
2-Fluorophenol
Concen: 37.27 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:112 Resp: 124065

Ion	Ratio	Lower	Upper
112	100		
64	50.6	39.9	59.9
63	25.5	20.2	30.4



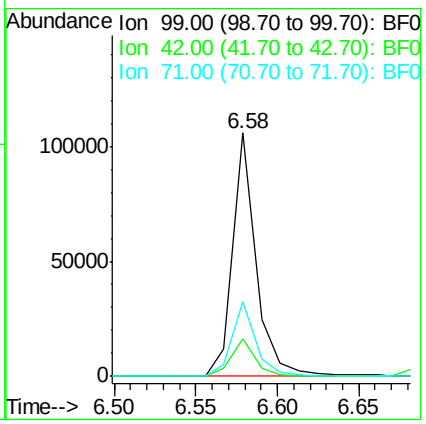


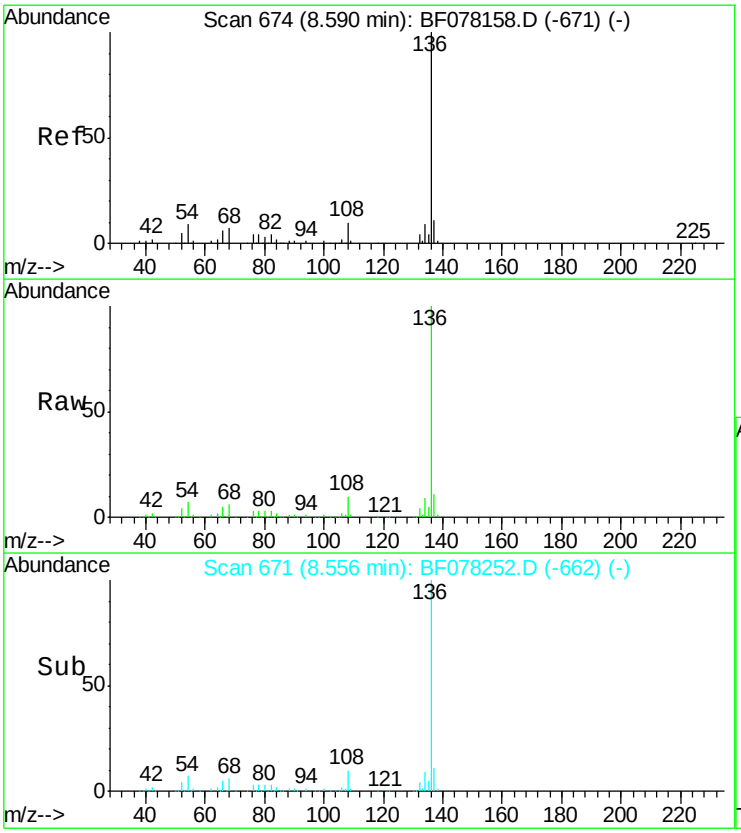
#7
Phenol-d6
Concen: 25.07 ng
RT: 6.58 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion: 99 Resp: 104583

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.8	22.2
71	30.4	26.6	39.8

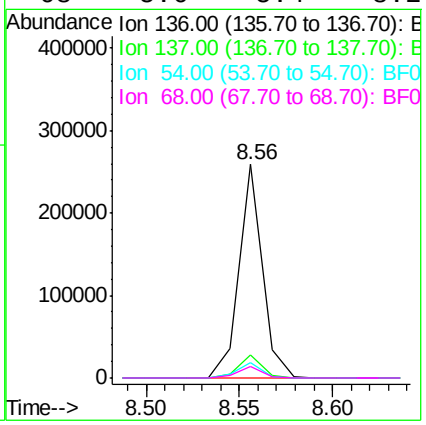


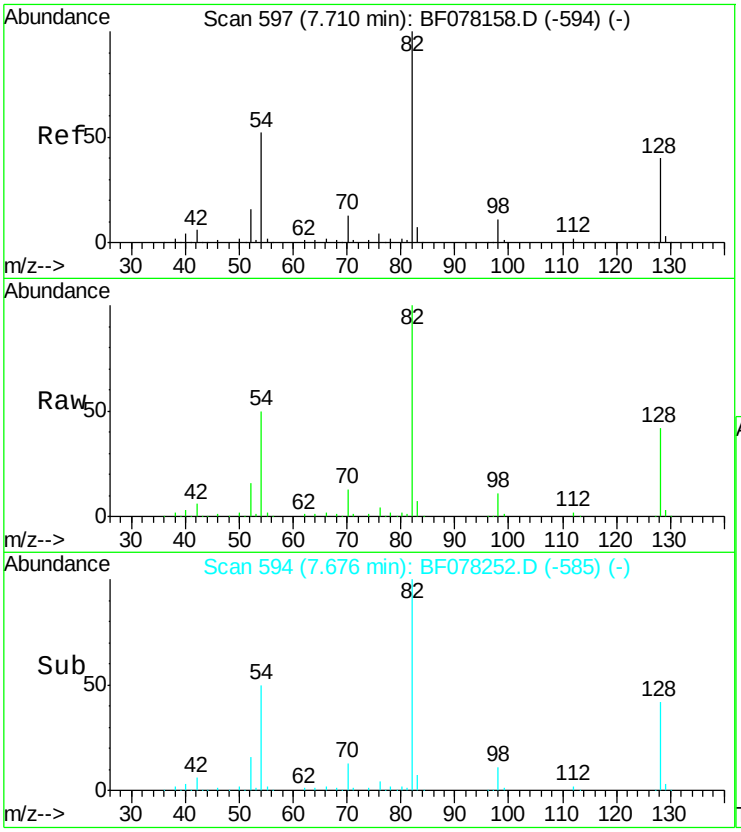


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:136 Resp: 226325

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.2	7.0	10.6
68	5.6	5.4	8.2



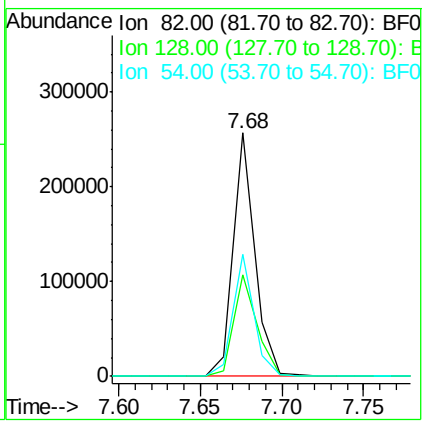


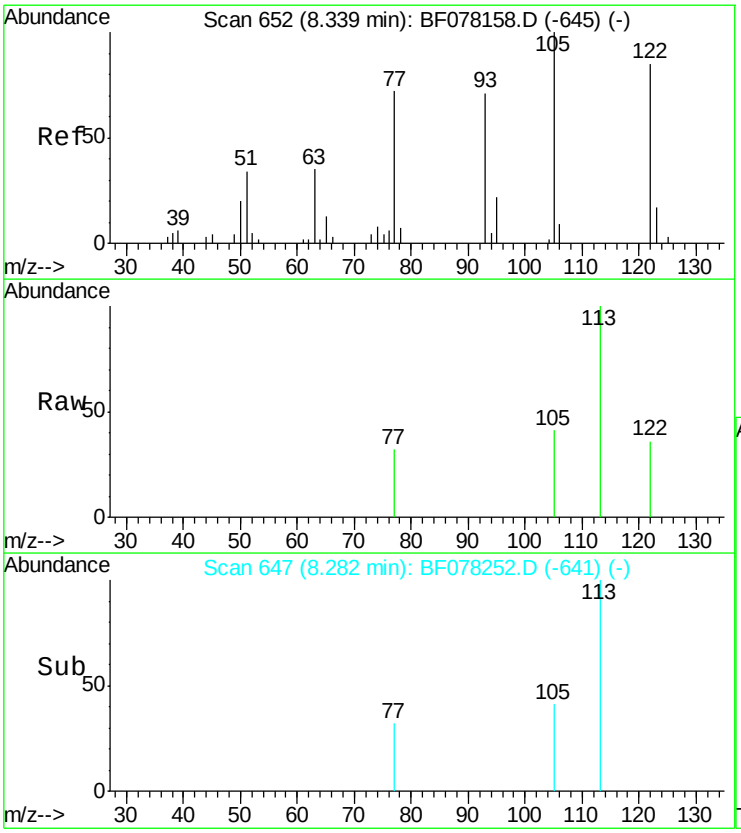
#23
Nitrobenzene-d5
Concen: 62.47 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion: 82 Resp: 233256

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.8	47.8
54	50.2	41.5	62.3

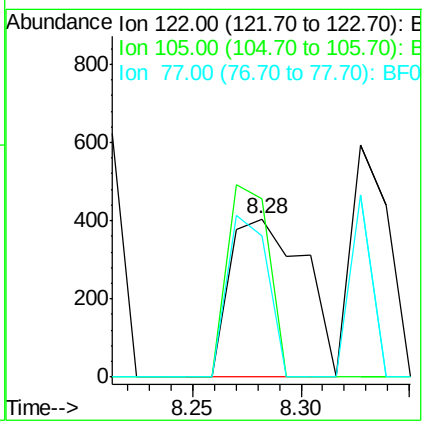


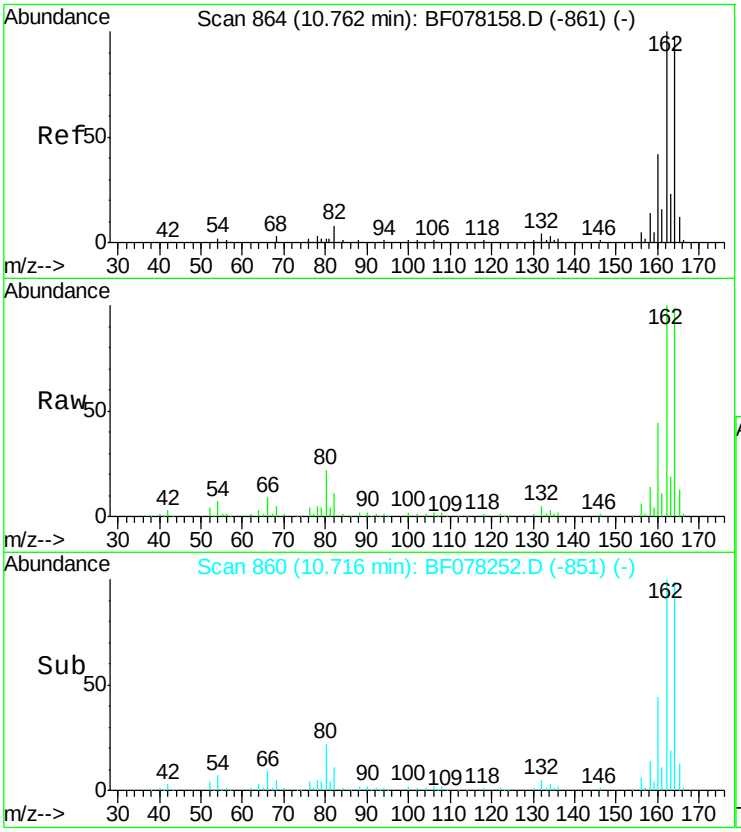


#32
Benzoic acid
Concen: 6.31 ng
RT: 8.28 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:122 Resp: 963

Ion	Ratio	Lower	Upper
122	100		
105	113.1	96.1	136.1
77	89.6	64.1	104.1



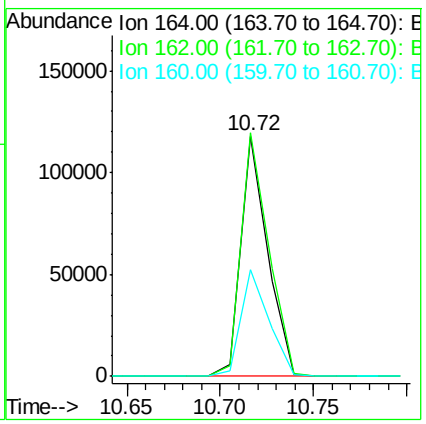


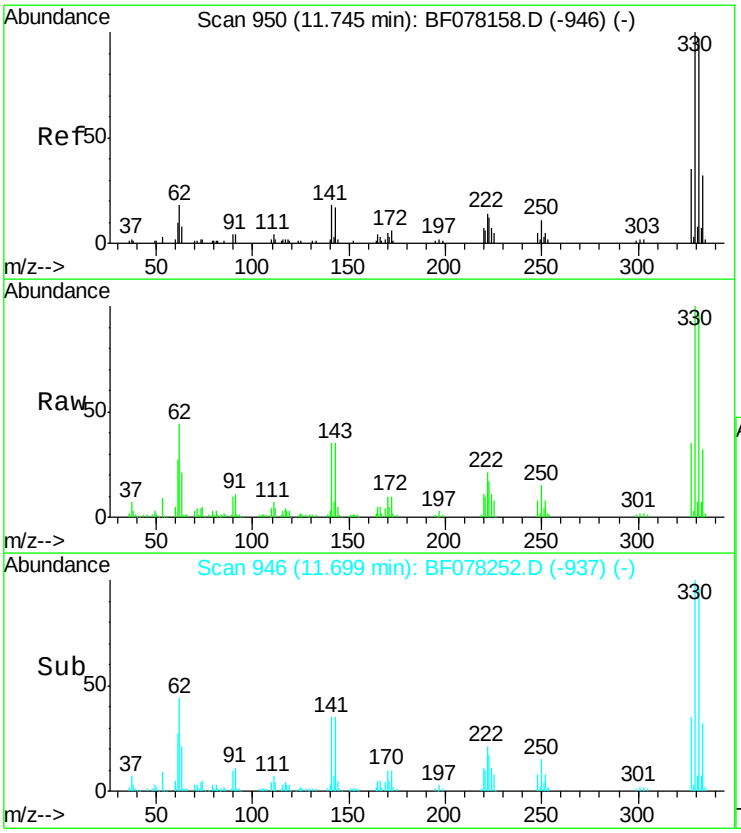
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:164 Resp: 117451

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.2
160	44.6	34.7	52.1

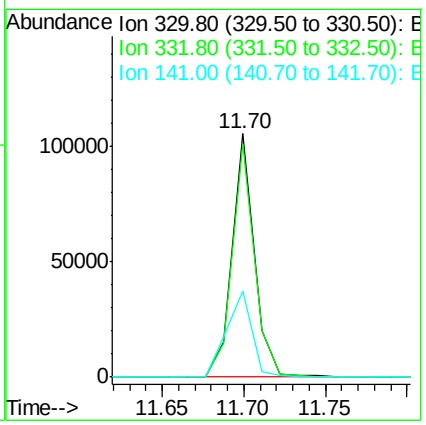


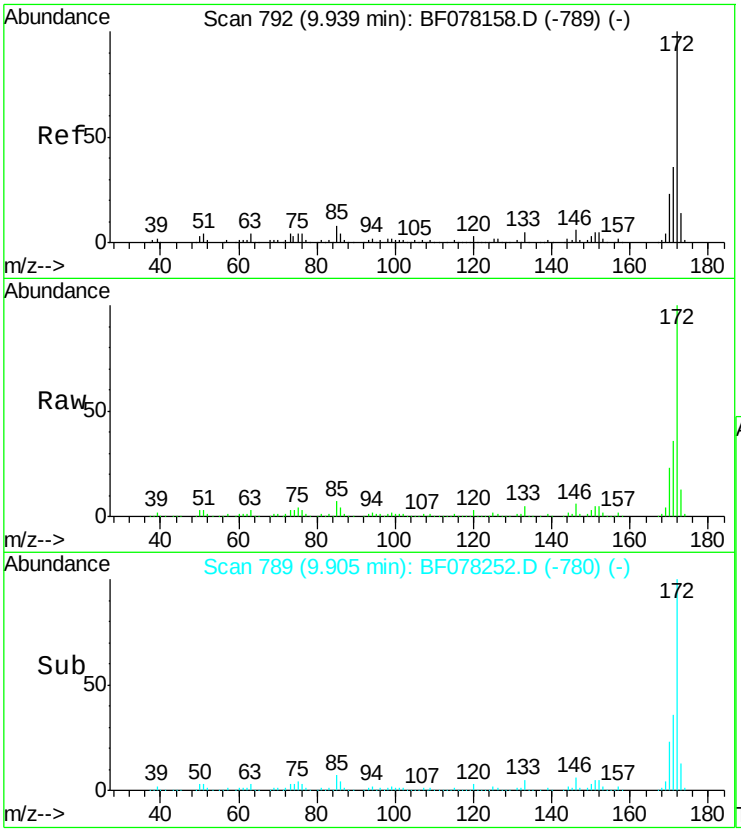


#41
2,4,6-Tribromophenol
Concen: 100.89 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:330 Resp: 98277

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	117.8
141	40.0	31.2	46.8



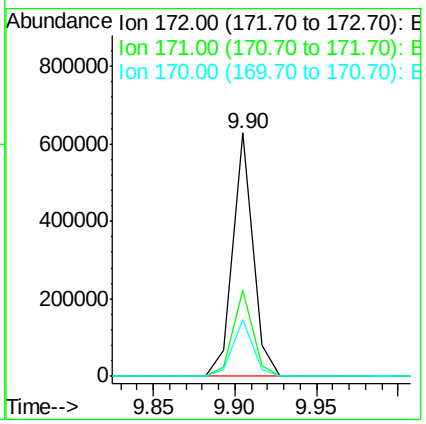


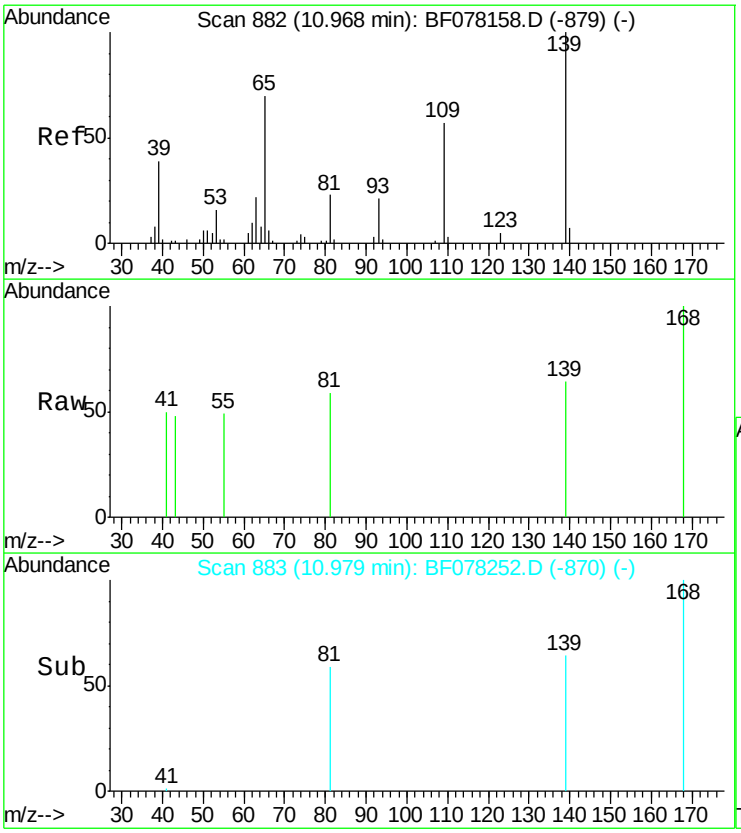
#44
2-Fluorobiphenyl
Concen: 65.27 ng
RT: 9.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:172 Resp: 536292

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.3	18.5	27.7

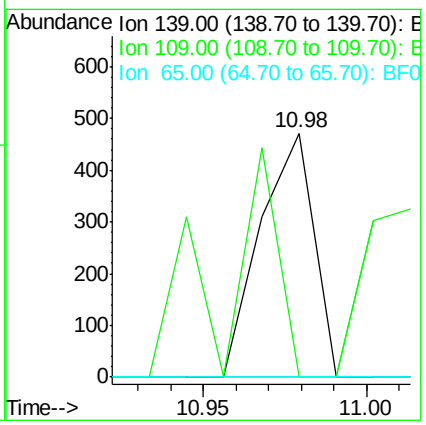


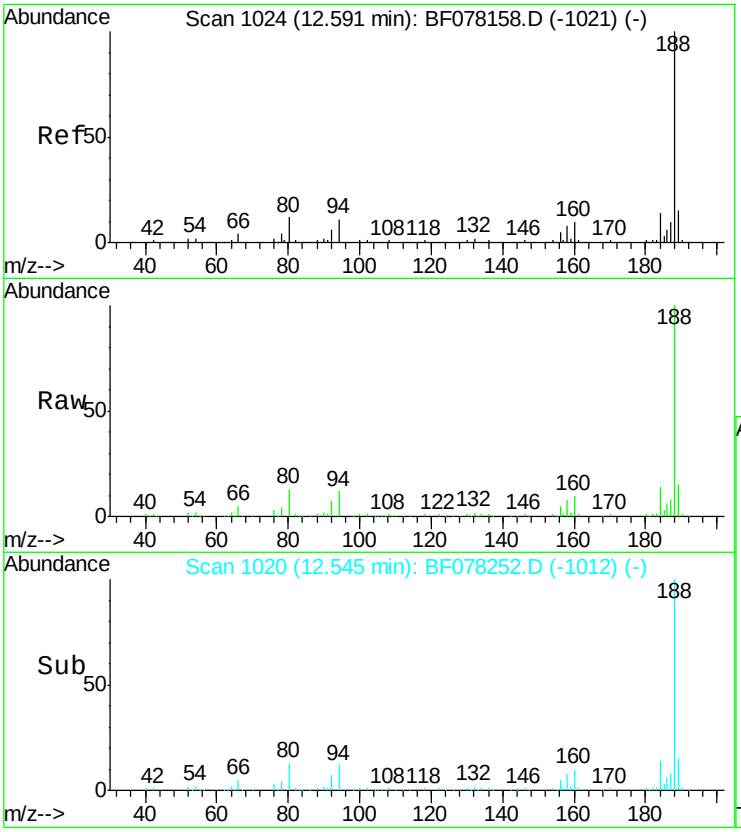


#55
4-Nitrophenol
Concen: 3.11 ng
RT: 10.98 min Scan# 883
Delta R.T. 0.05 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:139 Resp: 536

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#



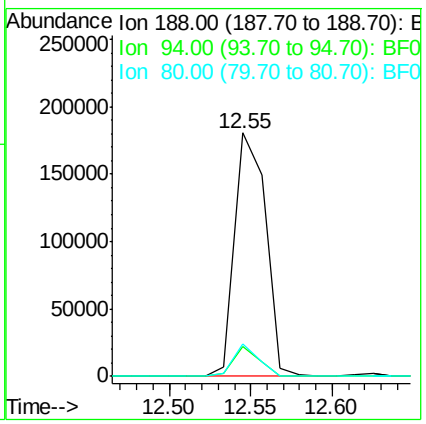


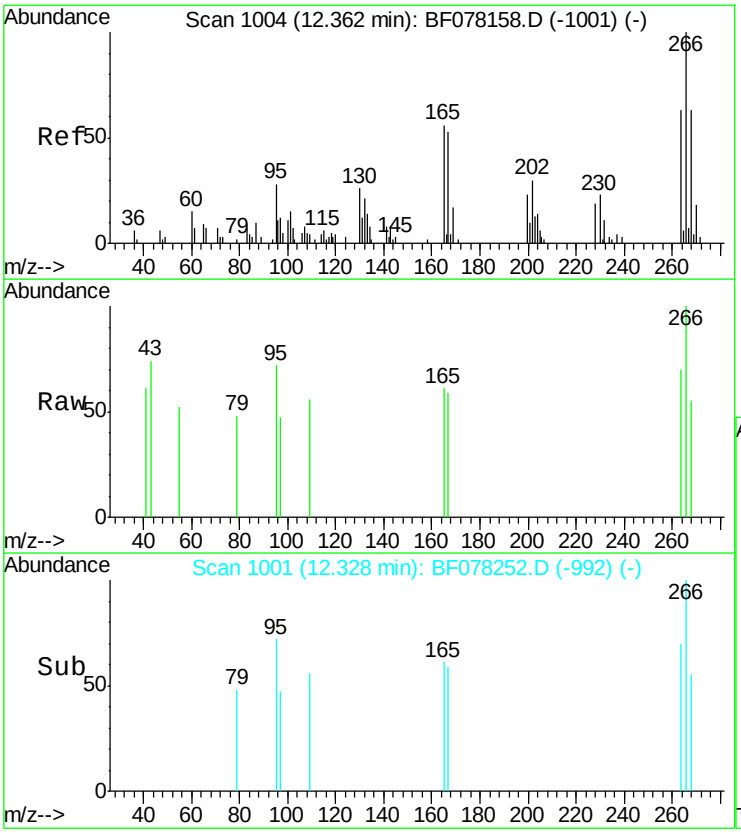
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:188 Resp: 236252

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.4
80	13.2	9.5	14.3

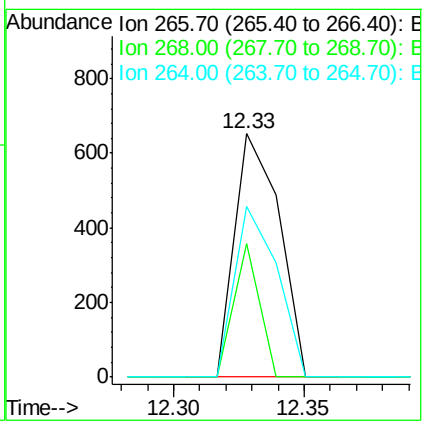


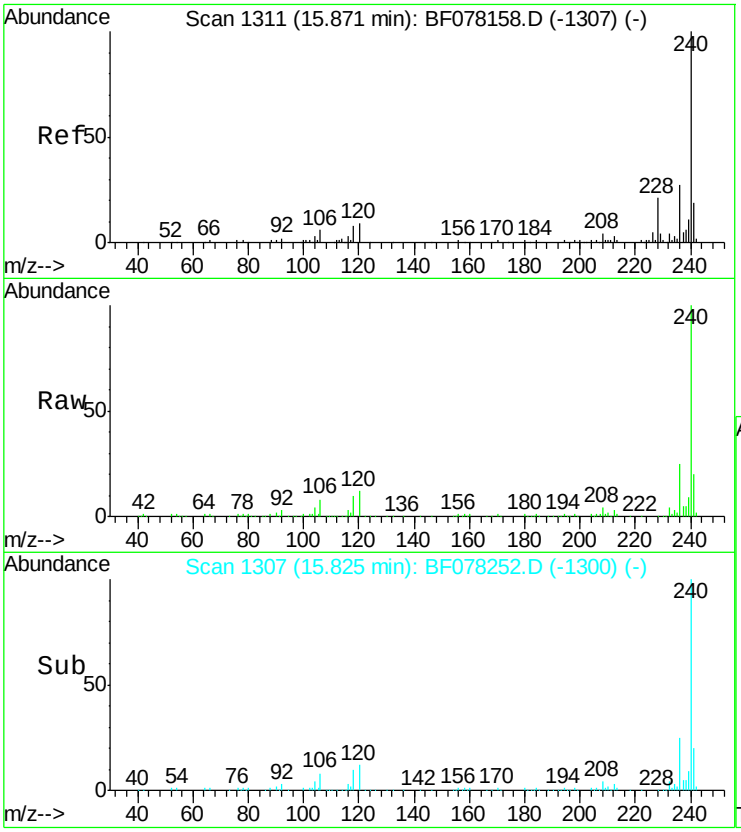


#69
Pentachlorophenol
Concen: 8.34 ng
RT: 12.33 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:266 Resp: 783

Ion	Ratio	Lower	Upper
266	100		
268	55.0	50.1	75.1
264	70.0	50.0	75.0



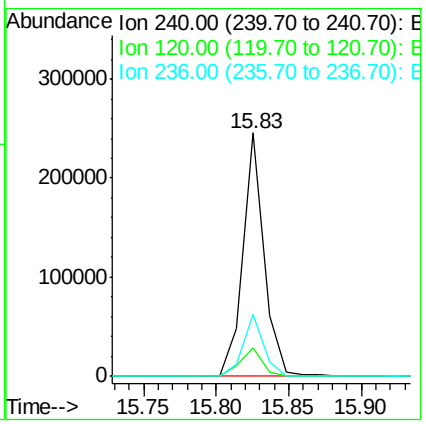


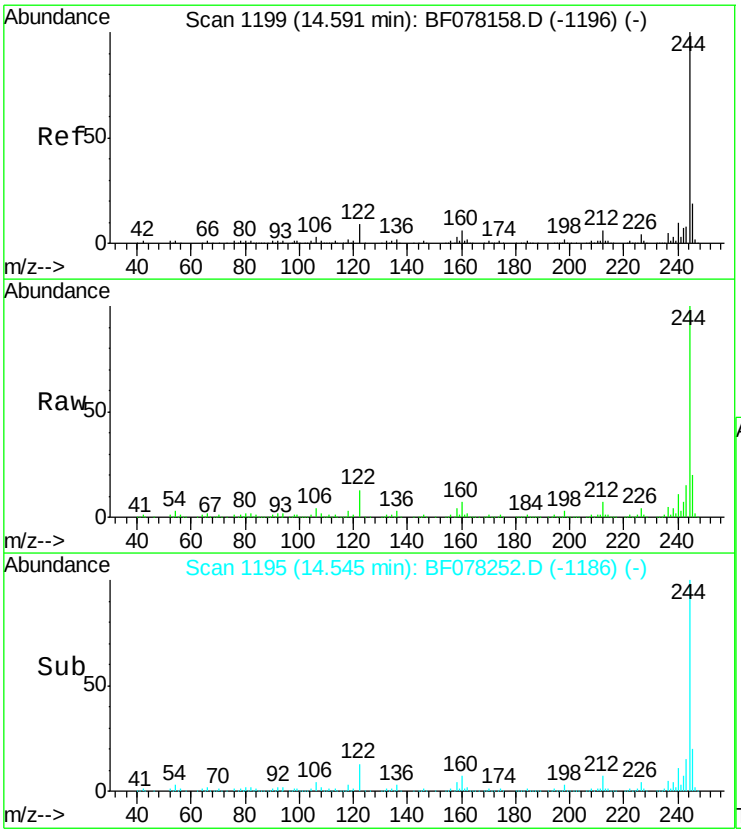
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:240 Resp: 249662

Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.1	10.7#
236	25.4	21.4	32.2

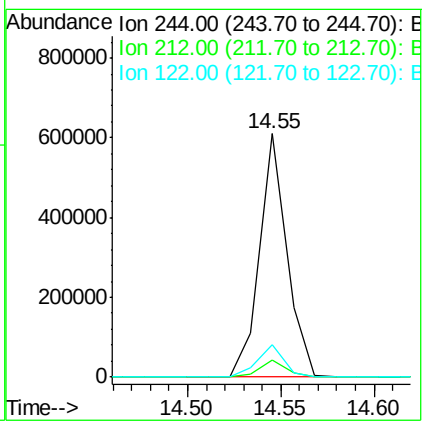


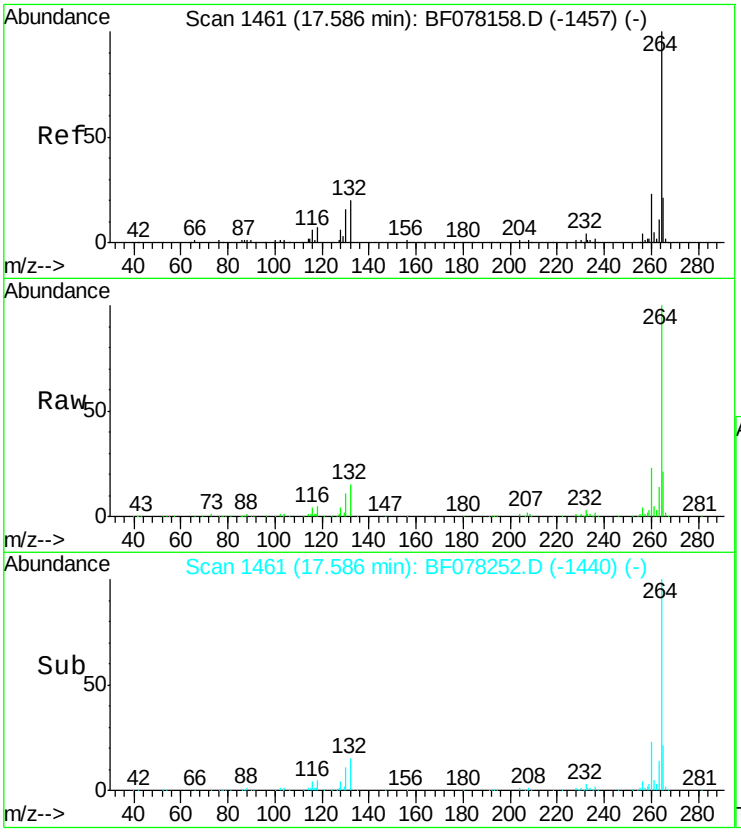


#78
Terphenyl-d14
Concen: 55.89 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:244 Resp: 617511

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	13.5	7.1	10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.59 min Scan# 1461
Delta R.T. -0.06 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:264 Resp: 234865

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	20.7	17.0	25.6