Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
Data File : BF076914.D
Acq On : 16 Jan 2015 18:29
Operator : IZ / TP
Sample : G1091-04
Misc : W
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-P

Quant Time: Jan 19 09:59:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 16 21:57:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	46590	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	205345	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	114550	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	191803	20.00	ng	0.00
75) Chrysene-d12	21.27	240	170795	20.00	ng	0.00
86) Perylene-d12	22.96	264	153026	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	112475	39.69	ng	0.00
7) Phenol-d6	7.37	99	85668	23.97	ng	0.00
23) Nitrobenzene-d5	9.27	82	241324	65.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	98776	106.23	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	504333	67.00	ng	0.00
78) Terphenyl-d14	20.00	244	461443	62.20	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.41	94	7655	2.02	ng	# 66
20) 3+4-Methylphenols	9.14	107	43648	12.35	ng	94
32) Benzoic acid	10.66	122	19728m	12.20	ng	
49) Dimethylphthalate	14.60	163	45444	5.59	ng	97

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

Quantitation Report (LSC Reviewed)

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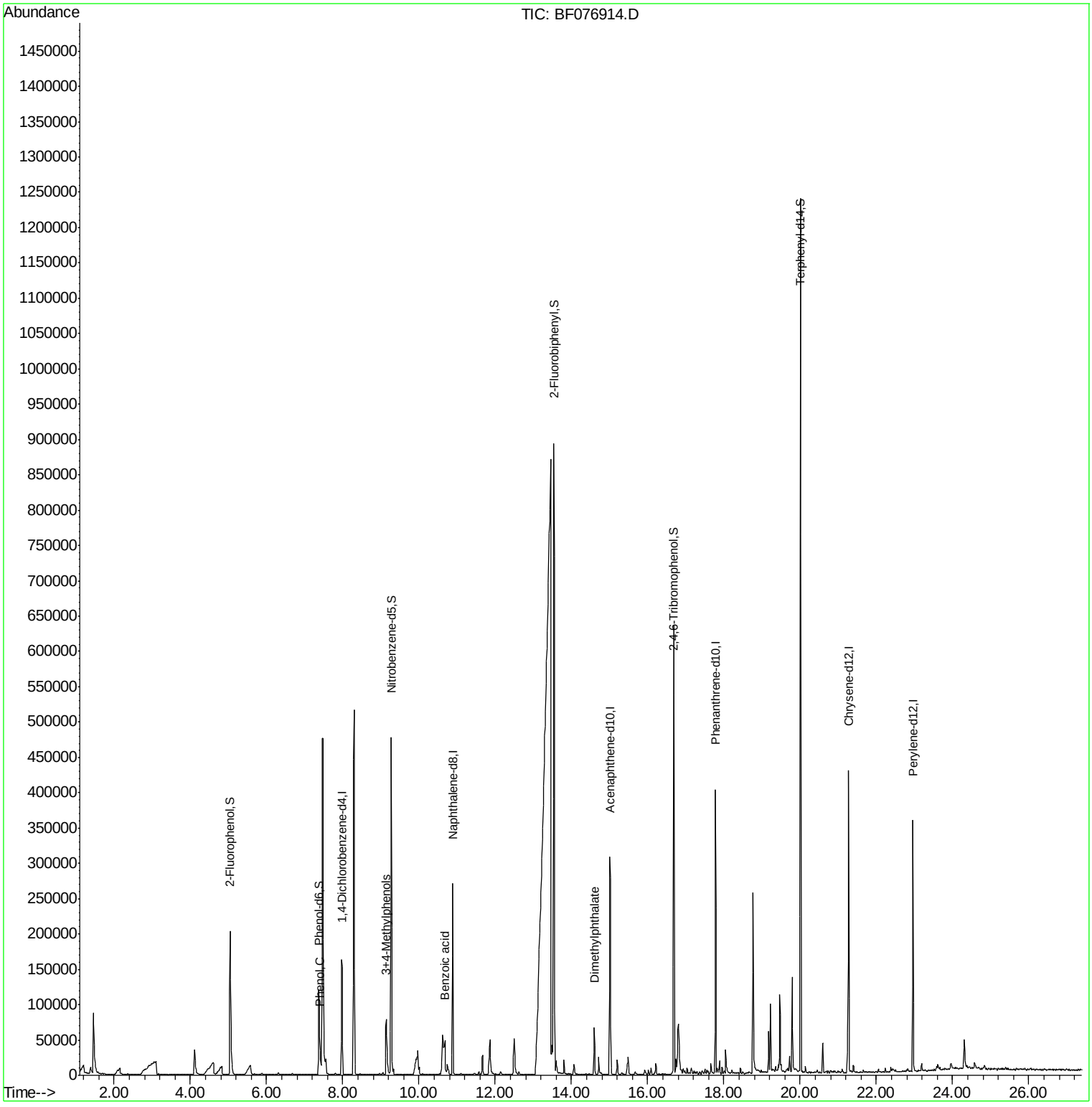
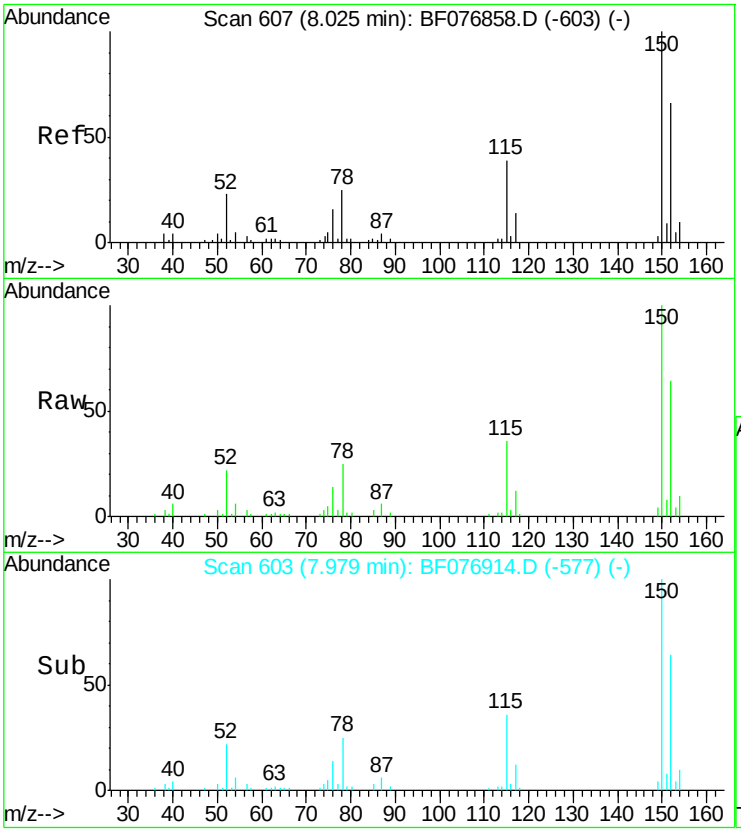


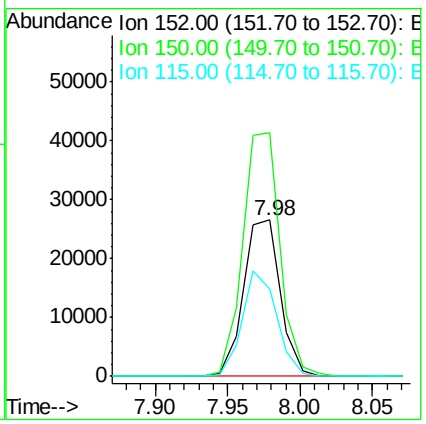


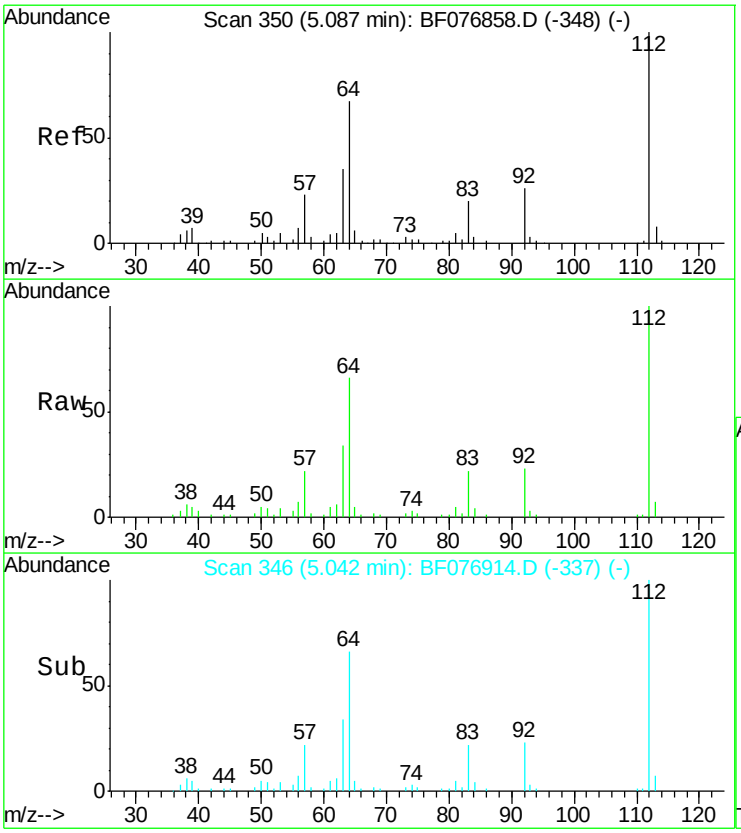
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tgt Ion:152 Resp: 46590

Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.7	182.5
115	56.0	47.0	70.6

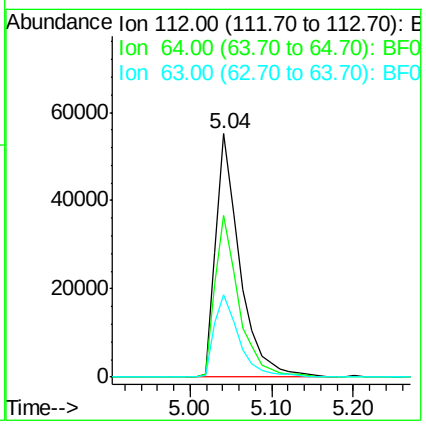


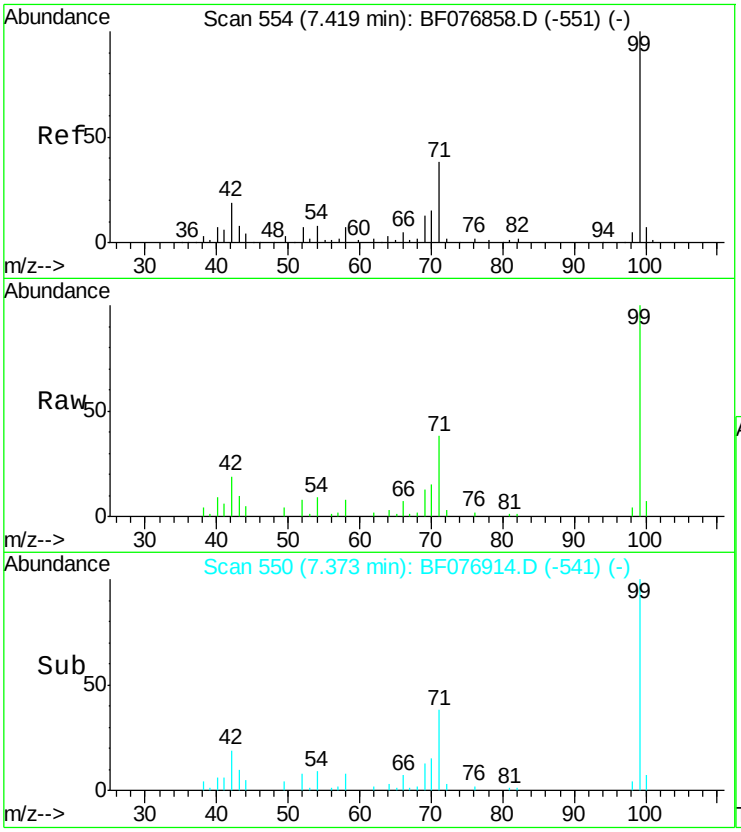


#5
2-Fluorophenol
Concen: 39.69 ng
RT: 5.04 min Scan# 346
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:112 Resp: 112475

Ion	Ratio	Lower	Upper
112	100		
64	66.3	54.2	81.4
63	33.9	28.4	42.6



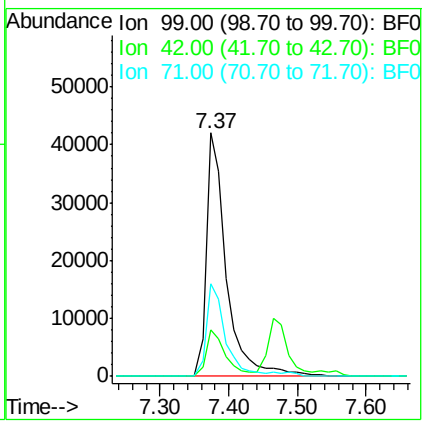


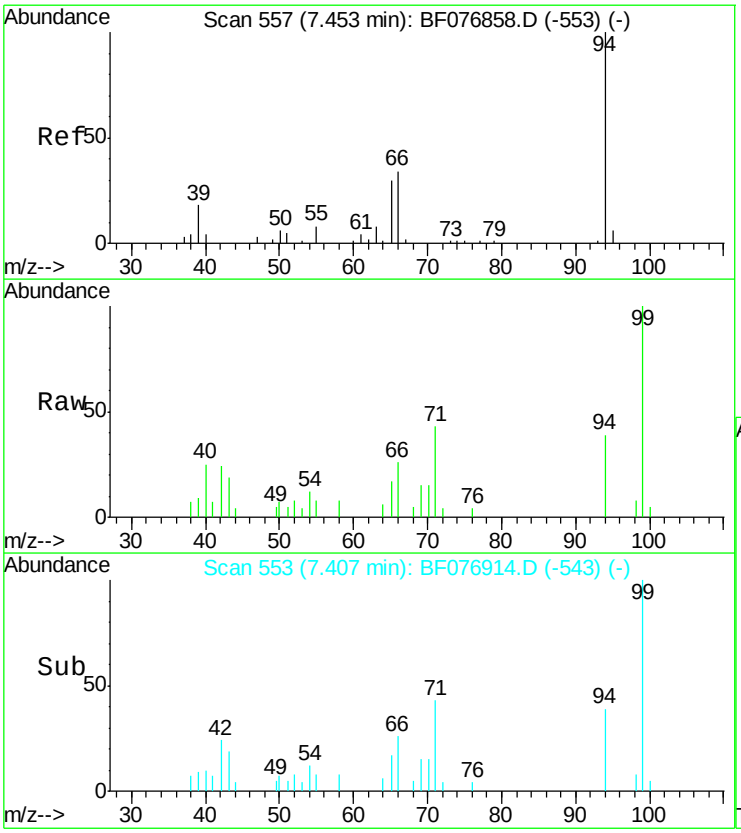
#7
Phenol-d6
Concen: 23.97 ng
RT: 7.37 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tgt Ion: 99 Resp: 85668

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.0	22.4
71	38.0	30.5	45.7

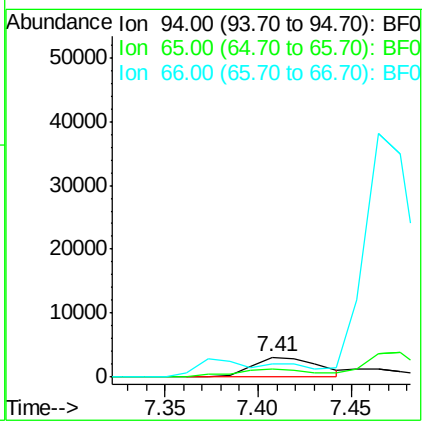


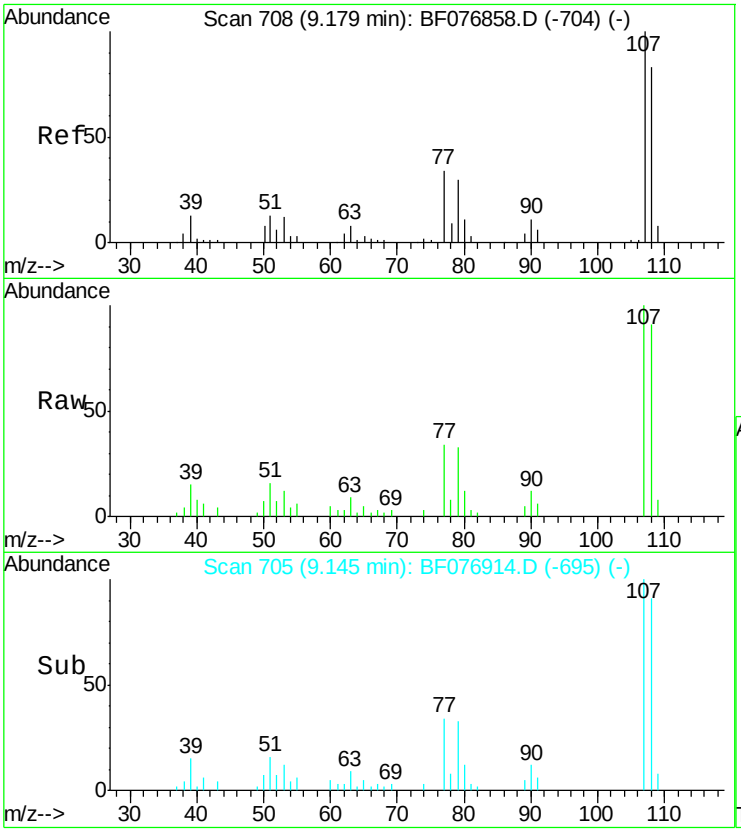


#10
Phenol
Concen: 2.02 ng
RT: 7.41 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion: 94 Resp: 7655

Ion	Ratio	Lower	Upper
94	100		
65	43.4	11.3	51.3
66	66.0	19.5	59.5#



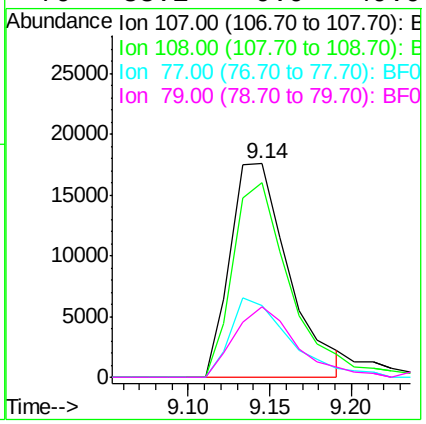


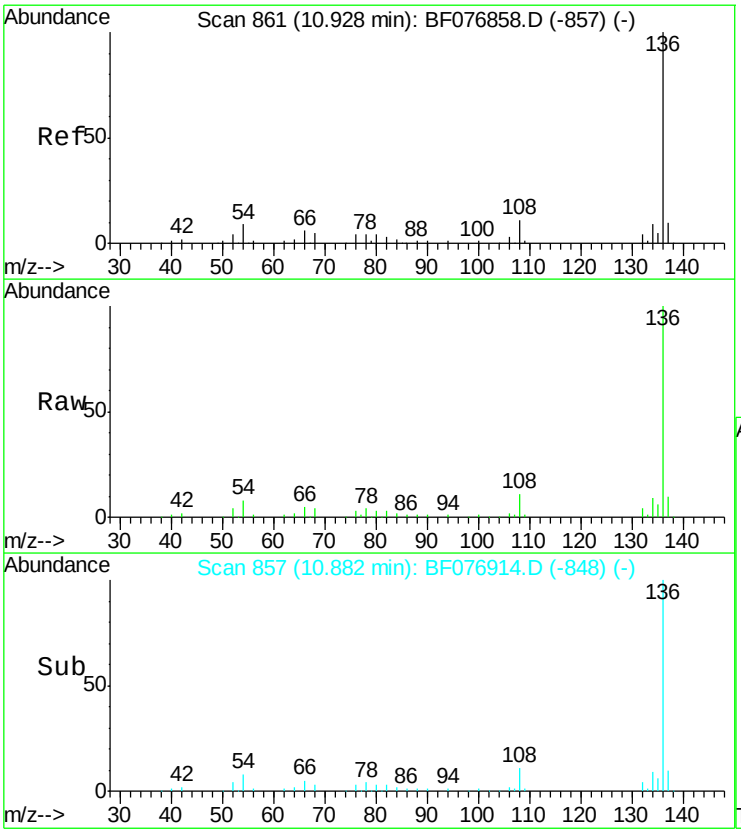
#20
3+4-Methylphenols
Concen: 12.35 ng
RT: 9.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tgt Ion:107 Resp: 43648

Ion	Ratio	Lower	Upper
107	100		
108	90.9	63.5	103.5
77	33.8	14.0	54.0
79	33.1	9.9	49.9

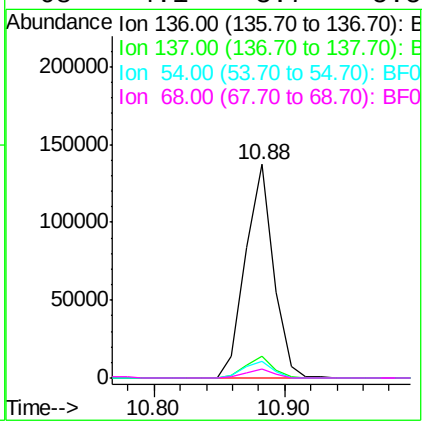


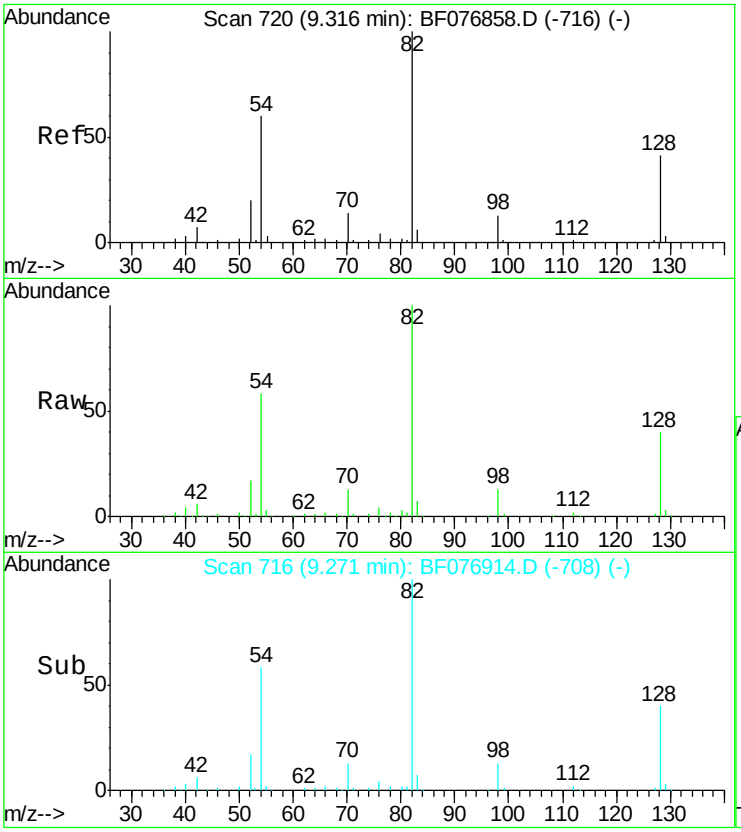


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:136 Resp: 205345

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.1	12.1
54	7.7	7.0	10.4
68	4.1	3.7	5.5



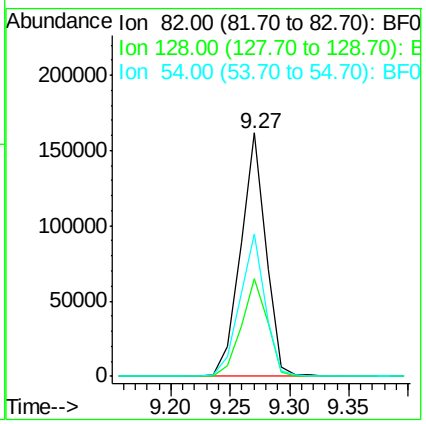


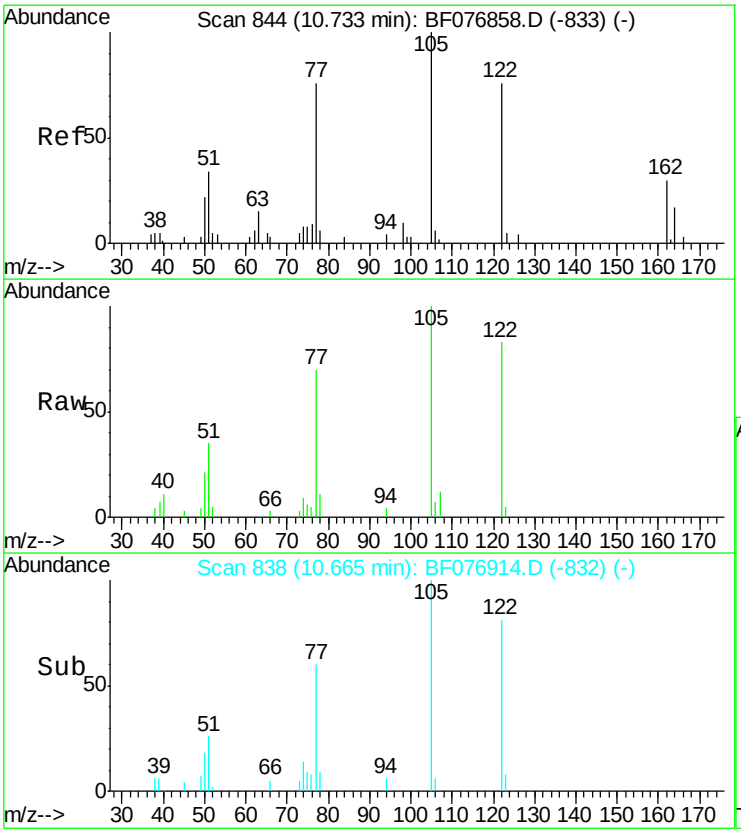
#23
Nitrobenzene-d5
Concen: 65.11 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tgt Ion: 82 Resp: 241324

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.1	49.7
54	58.5	48.3	72.5

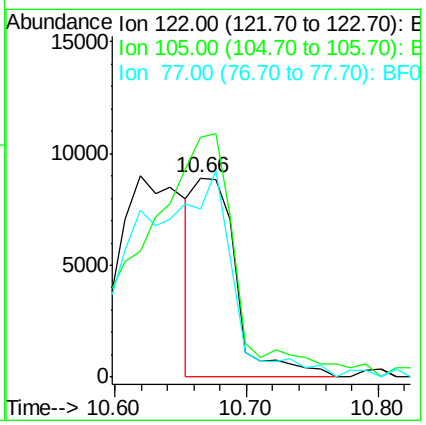


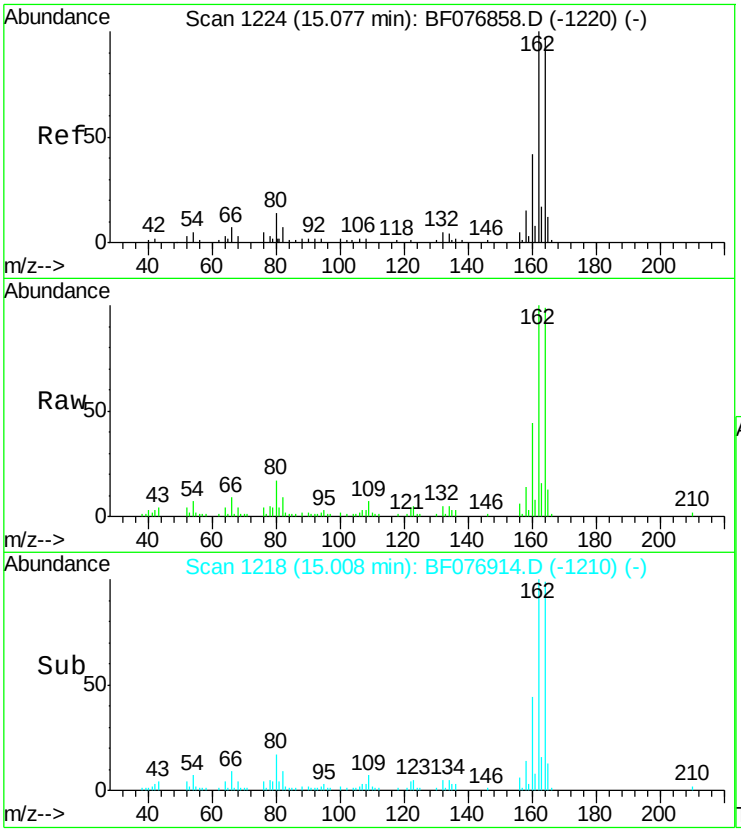


#32
Benzoic acid
Concen: 12.20 ng m
RT: 10.66 min Scan# 838
Delta R.T. -0.03 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:122 Resp: 19728

Ion	Ratio	Lower	Upper
122	100		
105	120.3	111.3	151.3
77	84.3	79.2	119.2



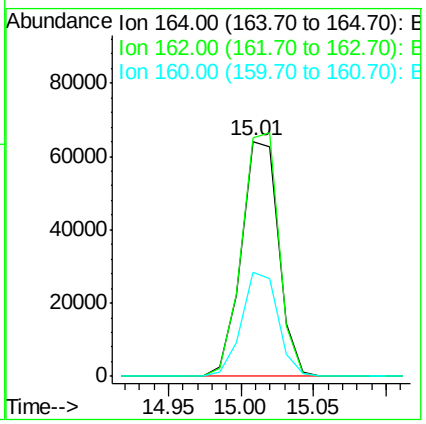


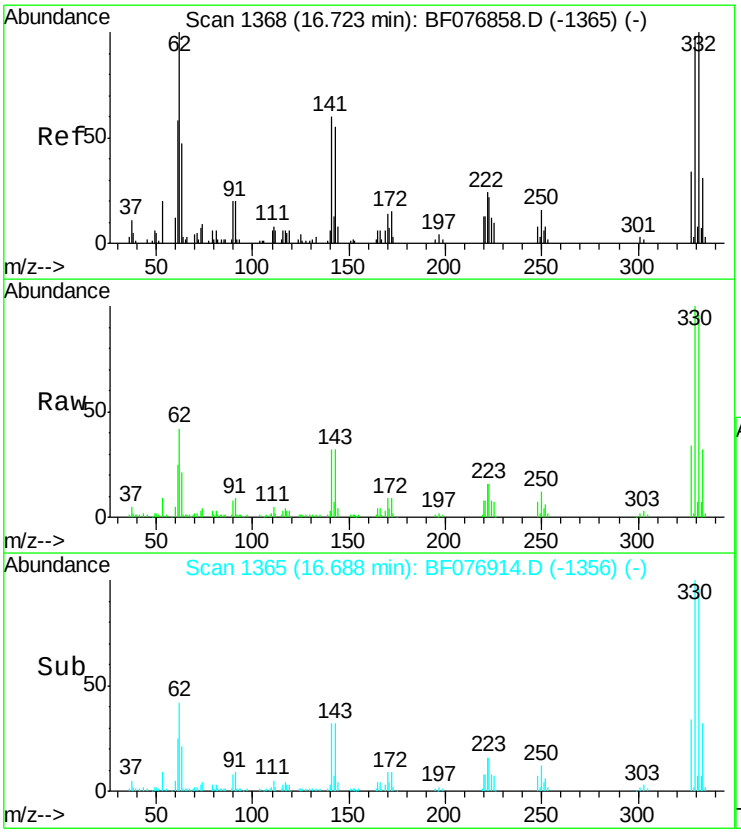
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tgt Ion:164 Resp: 114550

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	44.3	34.8	52.2

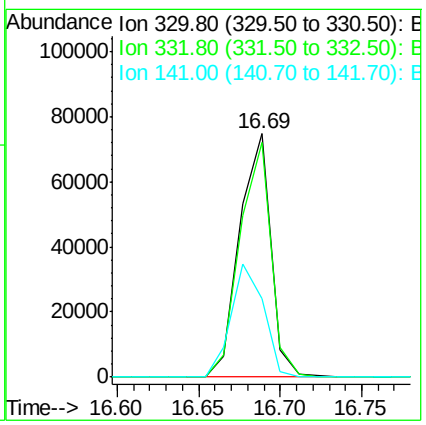


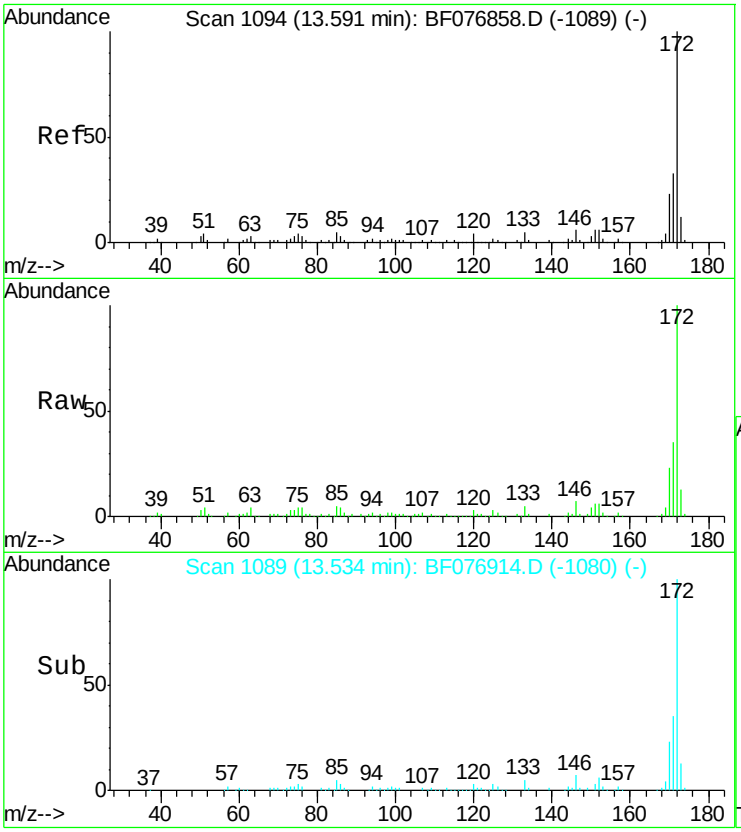


#41
2,4,6-Tribromophenol
Concen: 106.23 ng
RT: 16.69 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:330 Resp: 98776

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	48.6	38.5	57.7



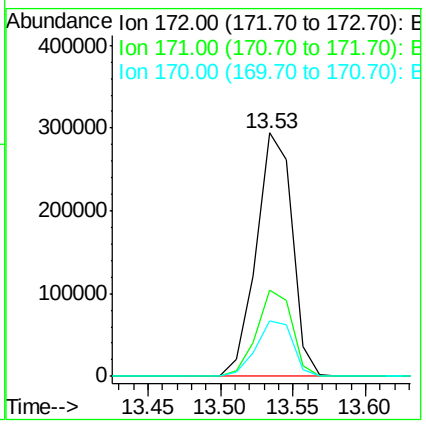


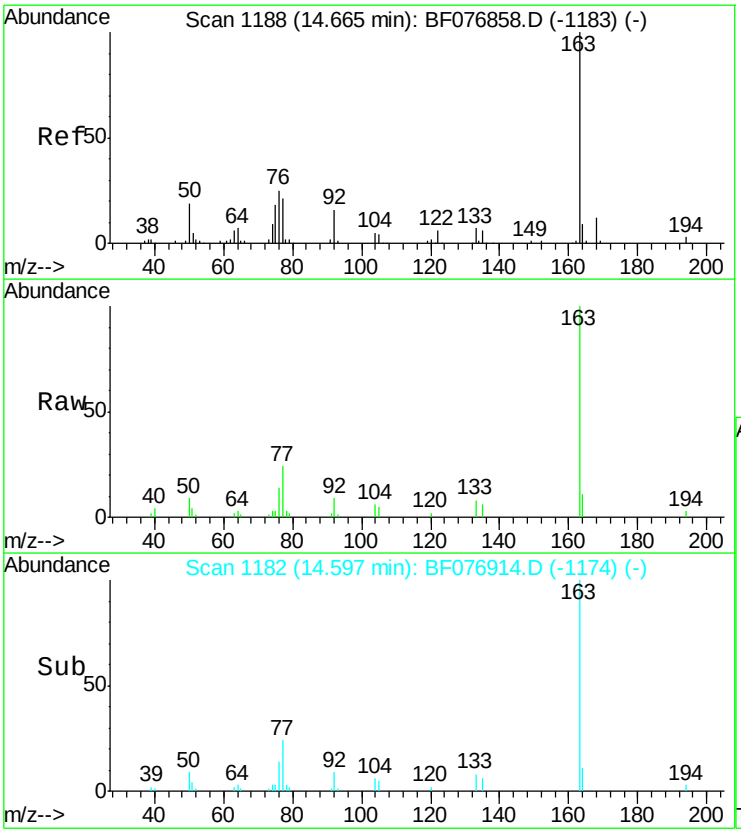
#44
2-Fluorobiphenyl
Concen: 67.00 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tgt Ion:172 Resp: 504333

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.6	40.0
170	22.9	18.0	27.0

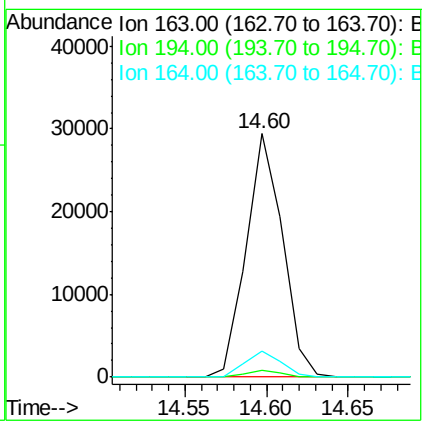


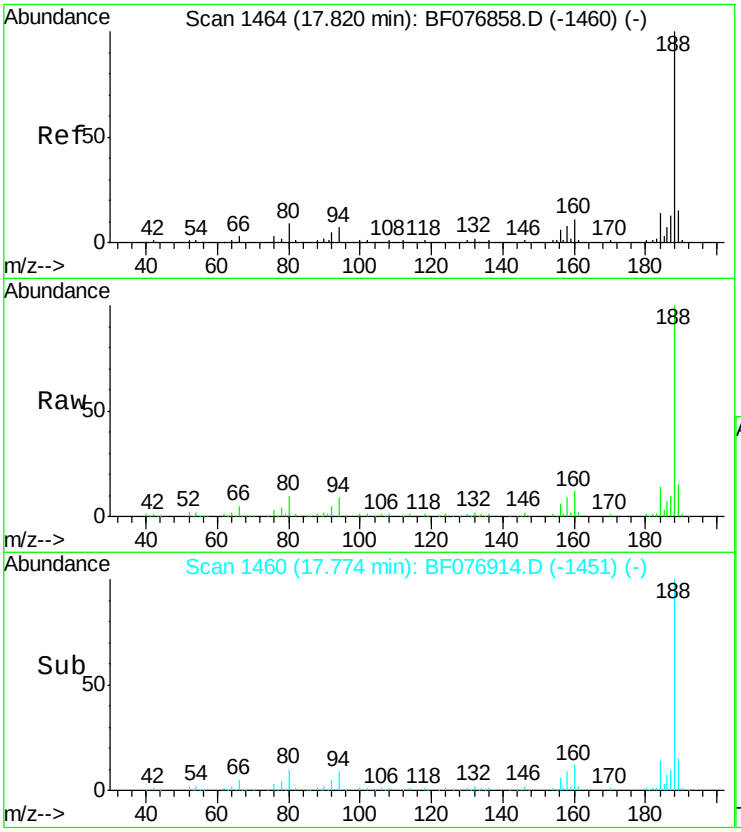


#49
Dimethylphthalate
Concen: 5.59 ng
RT: 14.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:163 Resp: 45444

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.9	7.5	11.3



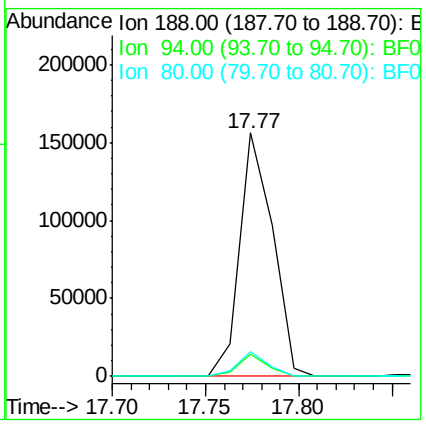


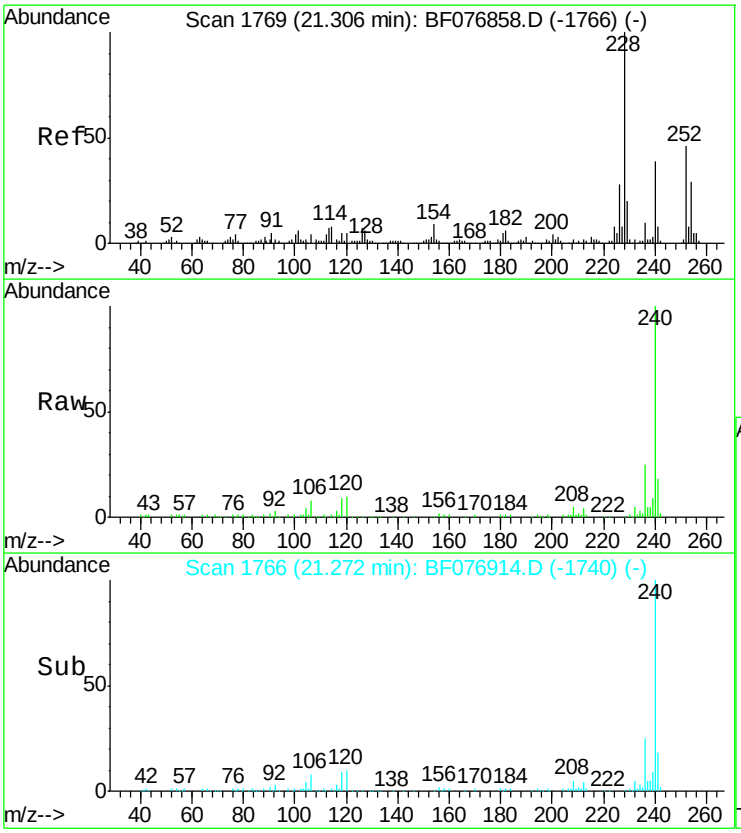
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tgt Ion:188 Resp: 191803

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.0	9.0
80	10.0	6.9	10.3

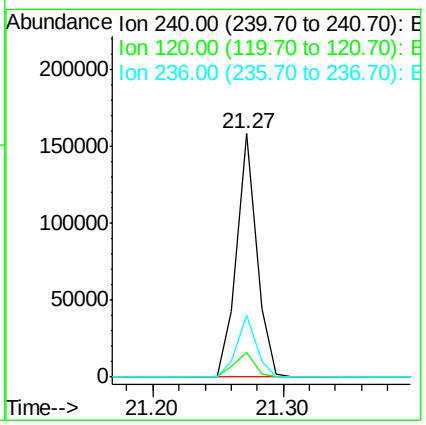


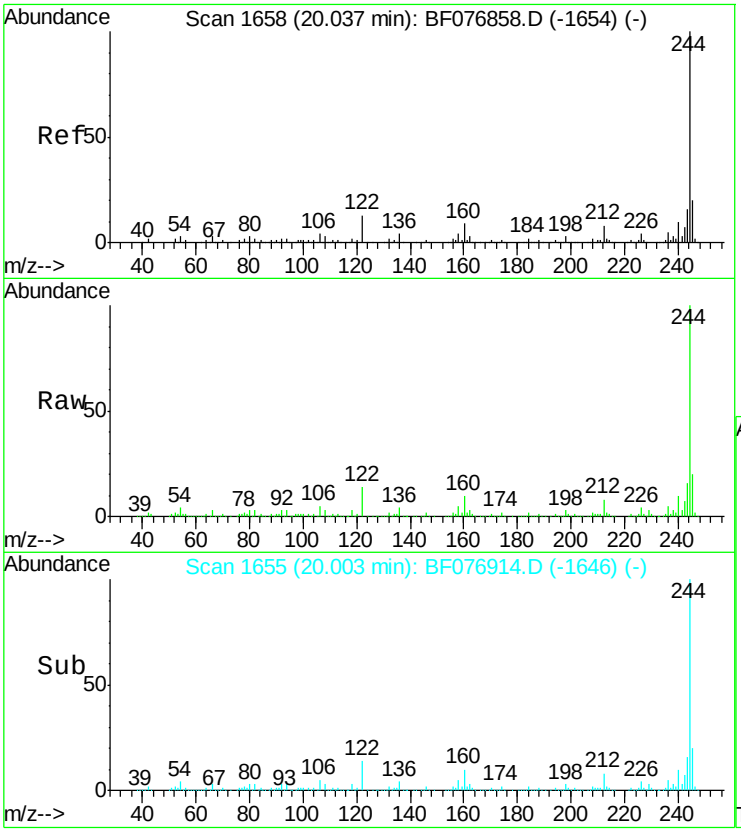


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:240 Resp: 170795

Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.4	15.6#
236	25.4	20.2	30.2



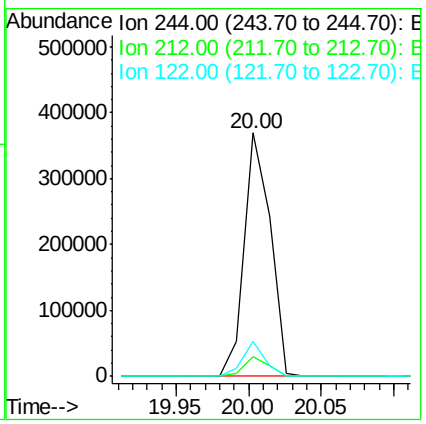


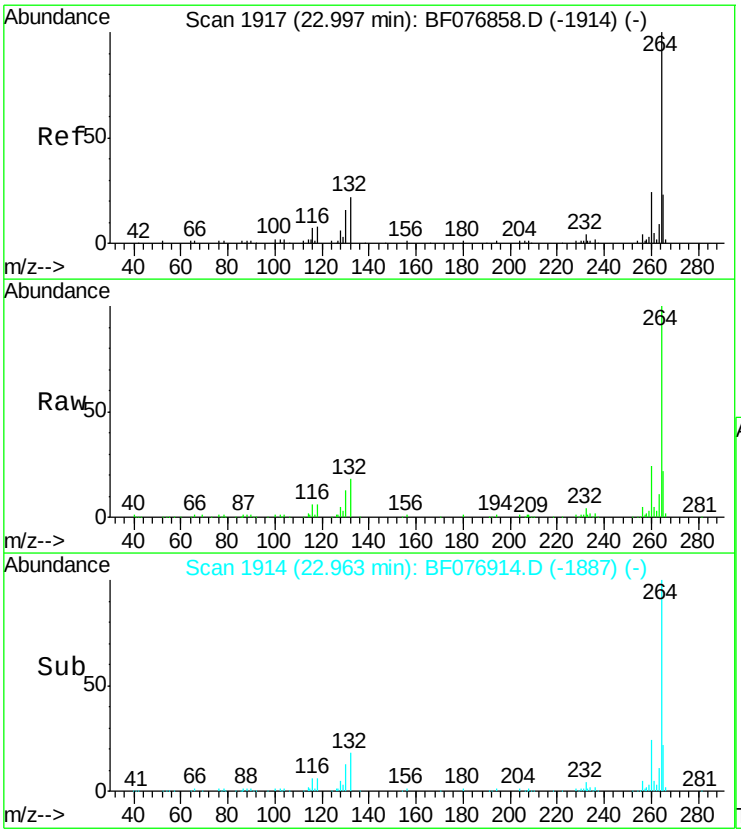
#78
Terphenyl-d14
Concen: 62.20 ng
RT: 20.00 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tgt Ion:244 Resp: 461443

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	14.4	10.1	15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.96 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:264 Resp: 153026

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.6	18.1	27.1