Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082562.D
Acq On : 27 Oct 2015 22:40
Operator : UM/IZ
Sample : G4157-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Time: Oct 28 02:48:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	83516	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	334947	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	158149	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	280162	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	184999	20.00	ng	-0.03
86) Perylene-d12	15.29	264	162915	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	573892	135.65	ng	0.01
7) Phenol-d6	6.38	99	637506	115.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	519319	100.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	174225	147.12	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	971009	97.63	ng	-0.02
78) Terphenyl-d14	12.82	244	768295	119.65	ng	-0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.17	107	32305	6.35	ng	88
31) Naphthalene	8.02	128	139263	9.10	ng	99
32) Benzoic acid	7.81	122	6577	2.58	ng	97
59) Diethylphthalate	10.18	149	60189	5.62	ng	98

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

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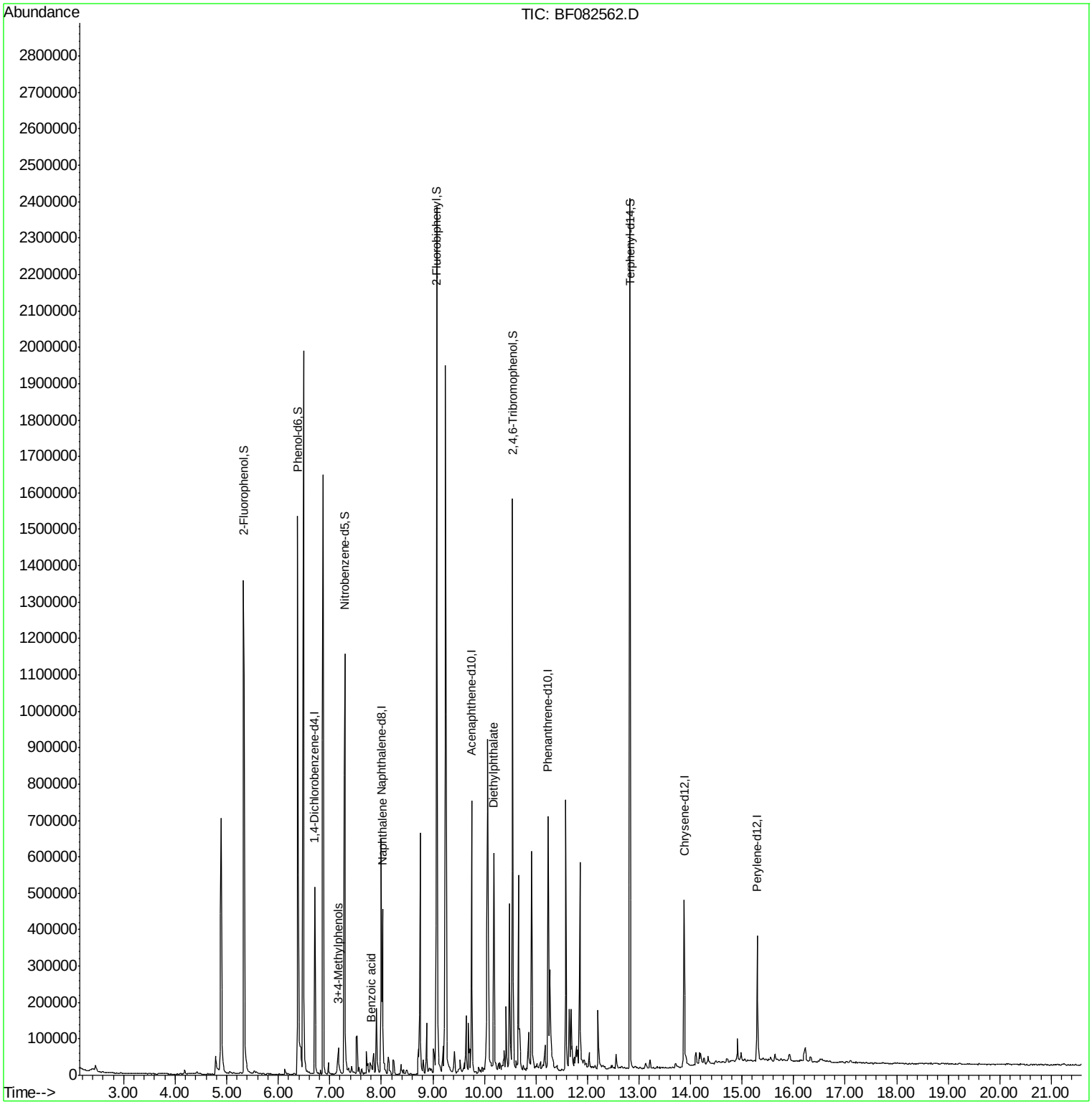
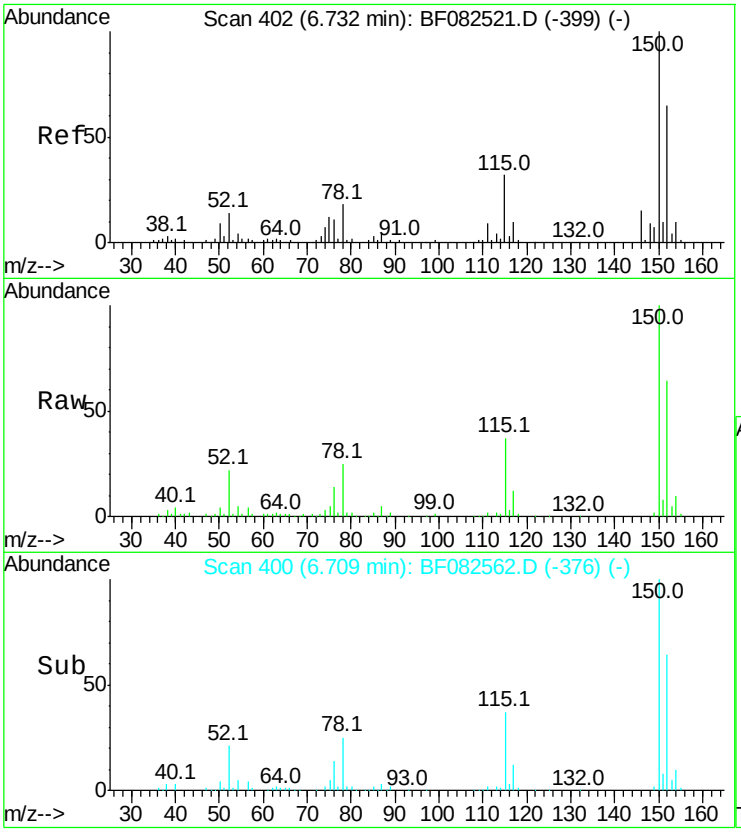


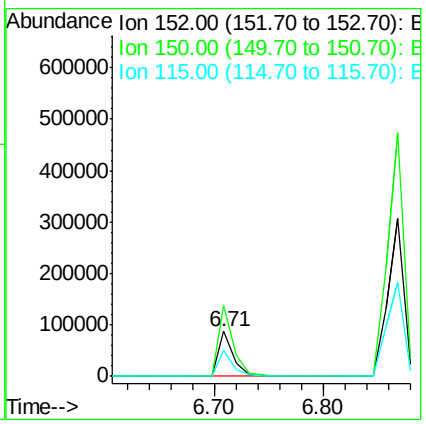


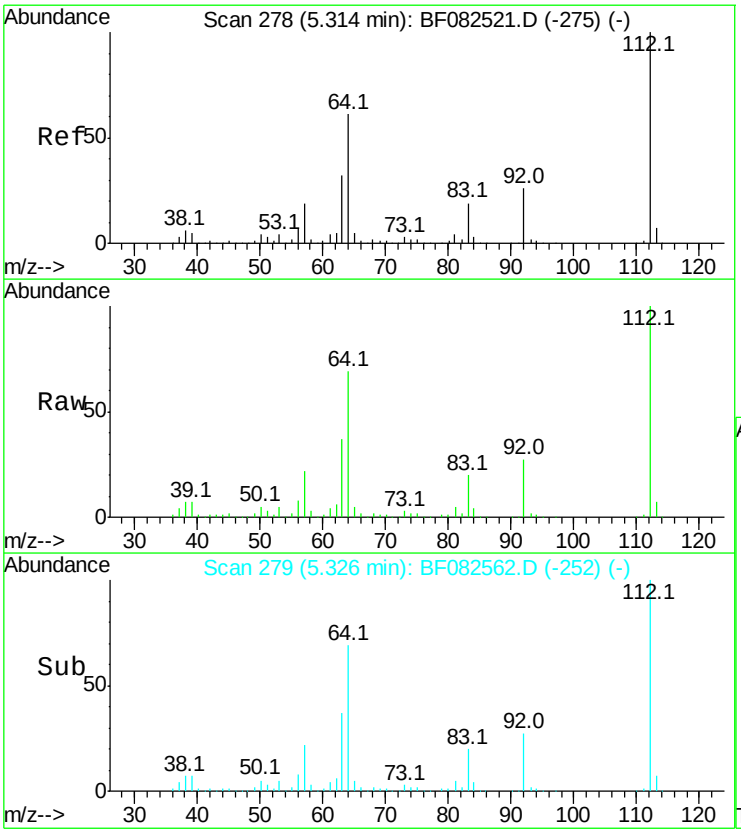
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:152 Resp: 83516

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.4	185.0
115	58.4	39.0	58.4

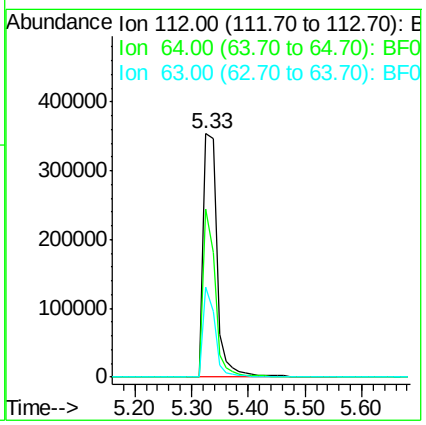


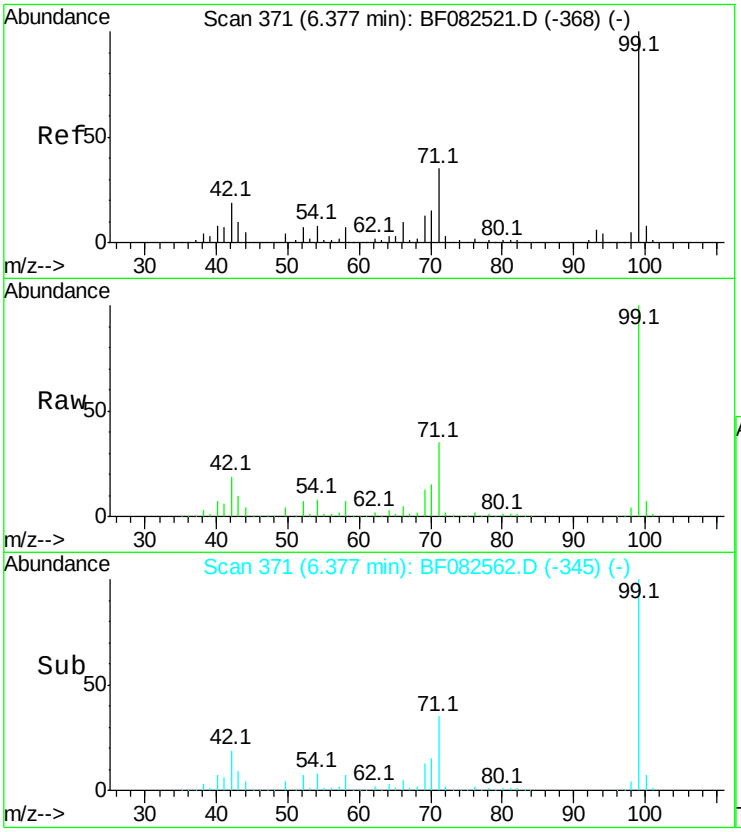


#5
2-Fluorophenol
Concen: 135.65 ng
RT: 5.33 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:112 Resp: 573892

Ion	Ratio	Lower	Upper
112	100		
64	69.2	49.0	73.4
63	37.1	25.8	38.6



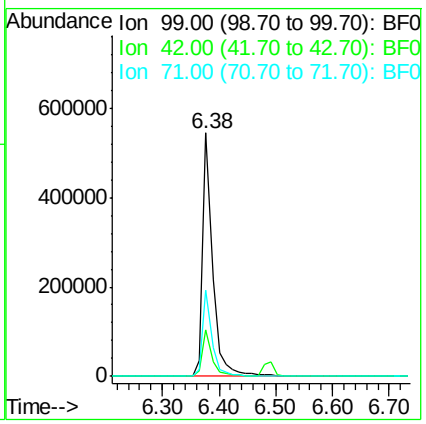


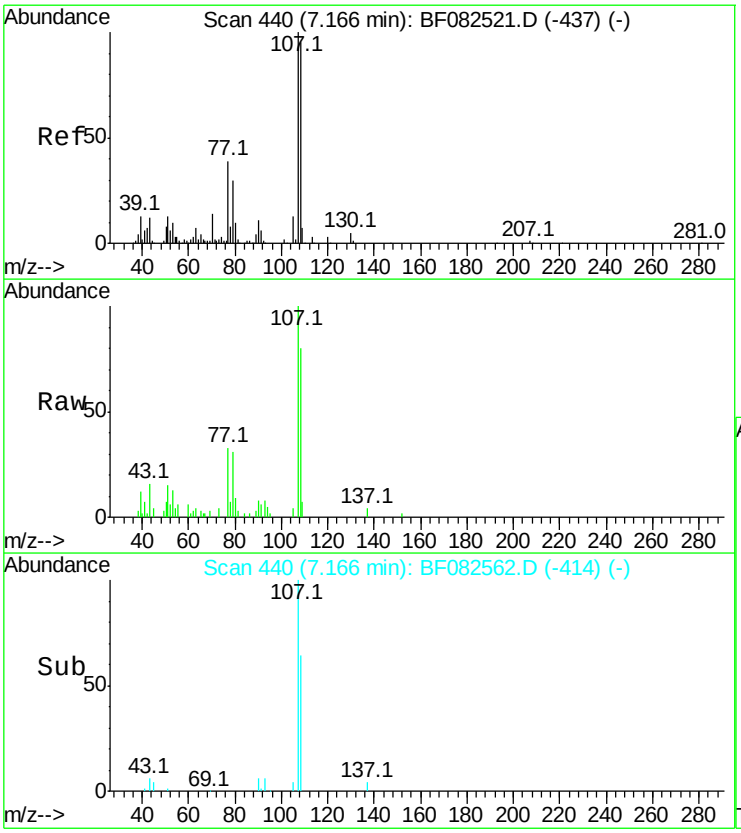
#7
Phenol-d6
Concen: 115.62 ng
RT: 6.38 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion: 99 Resp: 637506

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	35.5	28.2	42.2

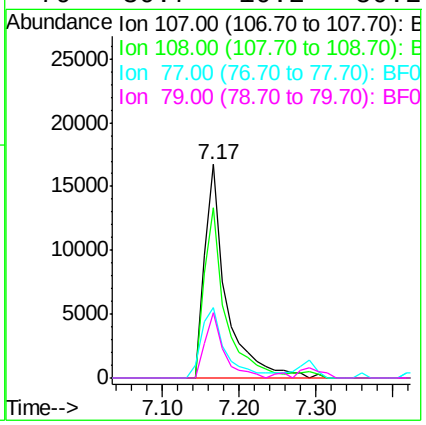


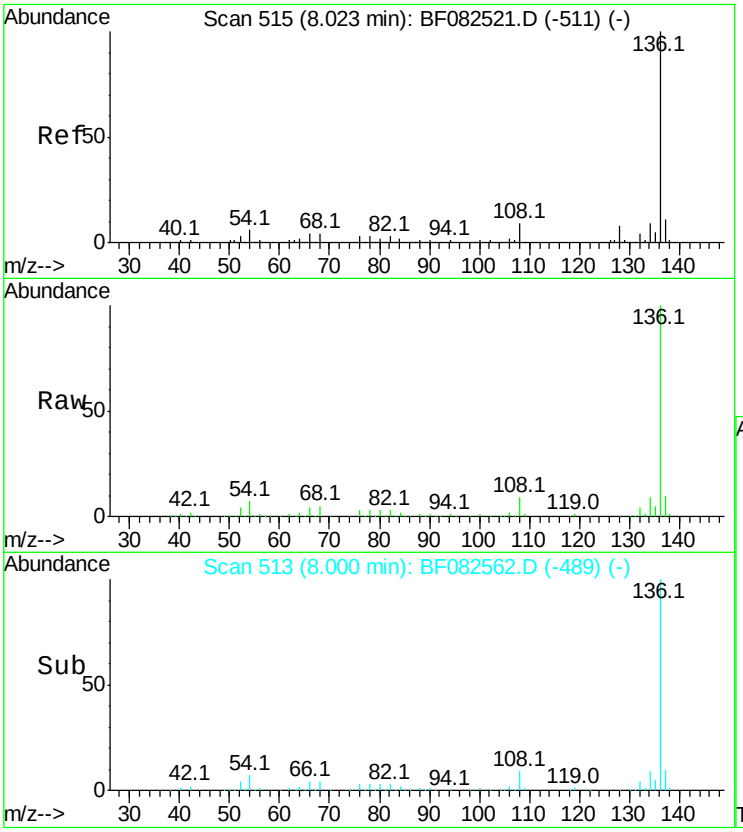


#20
3+4-Methylphenols
Concen: 6.35 ng
RT: 7.17 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:107 Resp: 32305

Ion	Ratio	Lower	Upper
107	100		
108	79.5	74.8	114.8
77	32.8	20.3	60.3
79	30.7	10.2	50.2



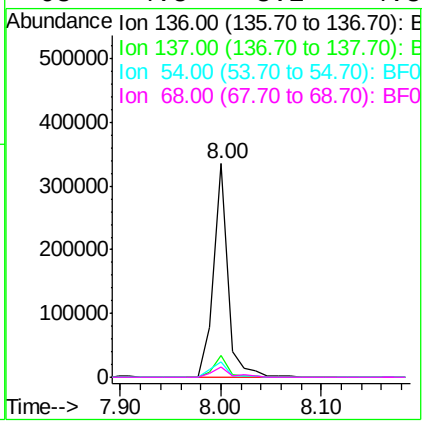


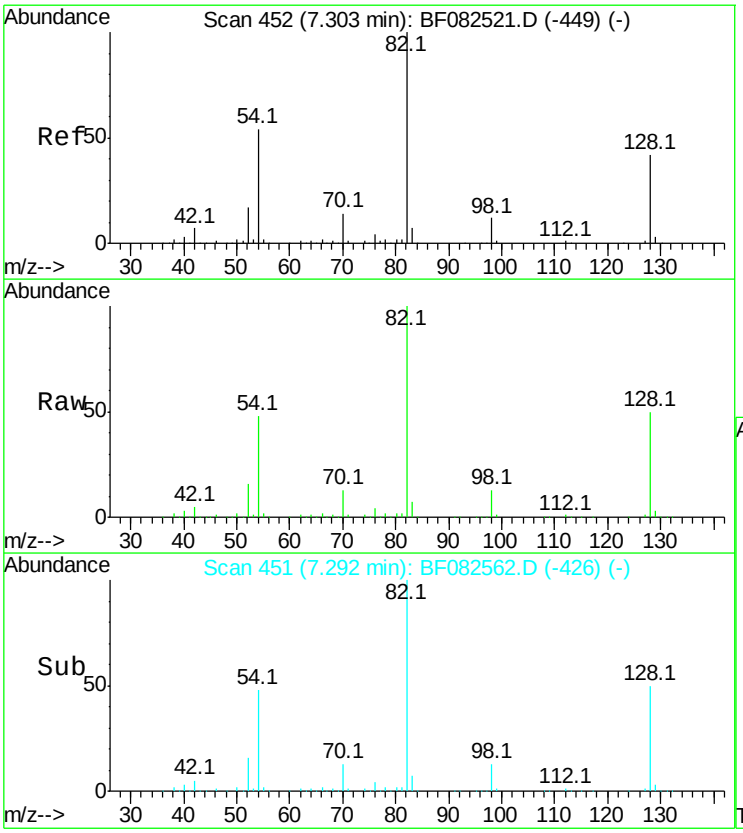
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:136 Resp: 334947

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.0	4.6	7.0#
68	4.5	3.2	4.8

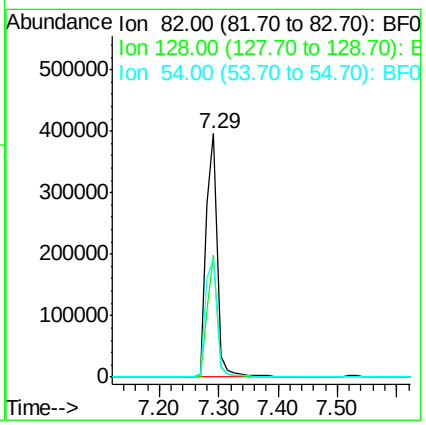


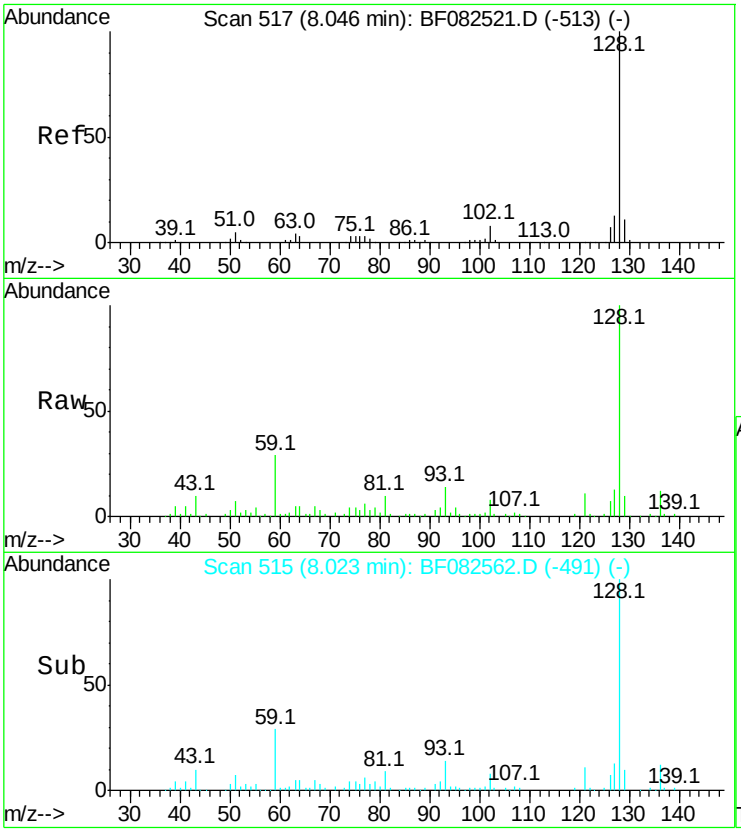


#23
Nitrobenzene-d5
Concen: 100.02 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion: 82 Resp: 519319

Ion	Ratio	Lower	Upper
82	100		
128	50.3	33.4	50.0#
54	48.4	43.5	65.3



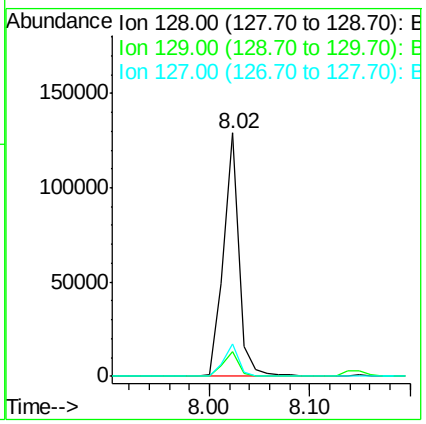


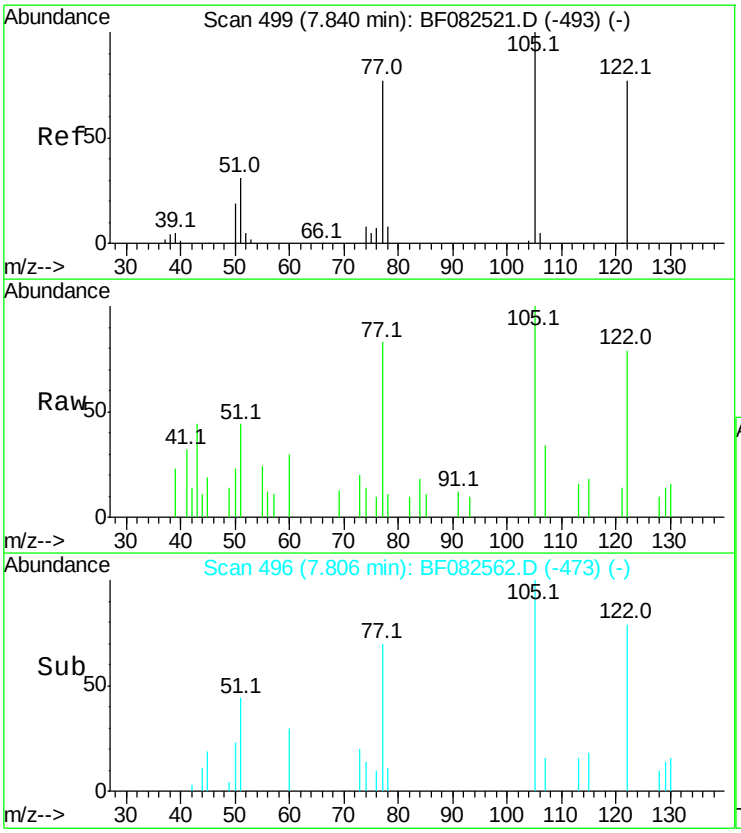
#31
Naphthalene
Concen: 9.10 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:128 Resp: 139263

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.1	10.7	16.1

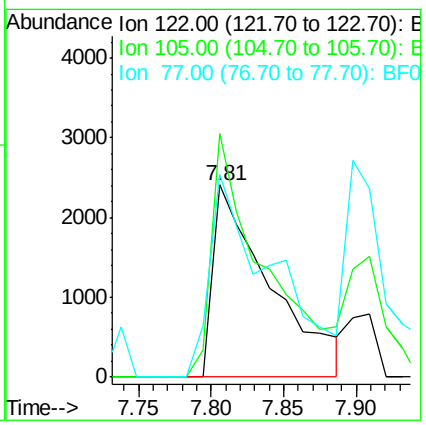


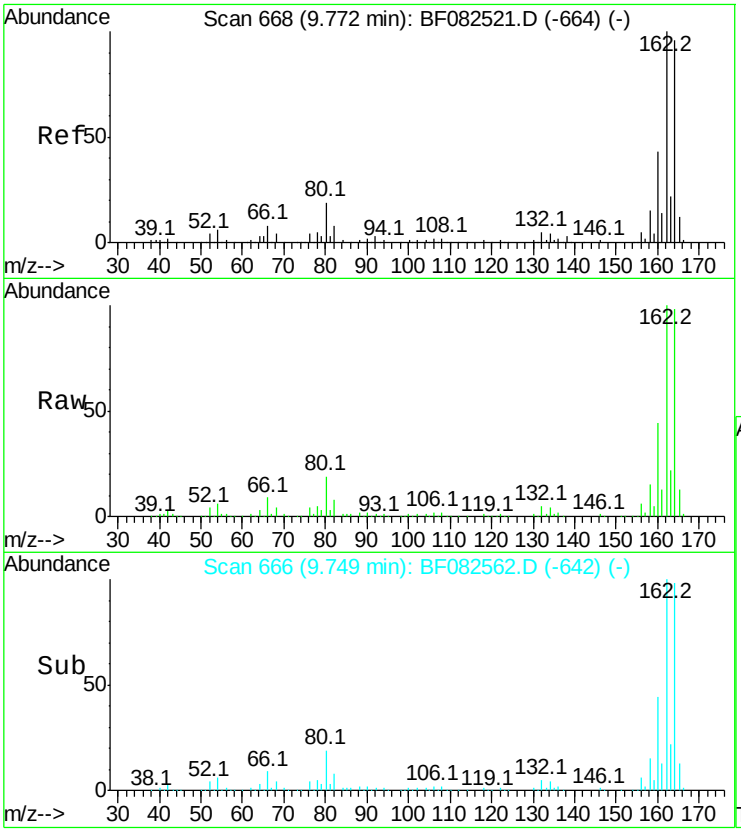


#32
Benzoic acid
Concen: 2.58 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:122 Resp: 6577

Ion	Ratio	Lower	Upper
122	100		
105	126.6	106.4	146.4
77	105.2	79.1	119.1



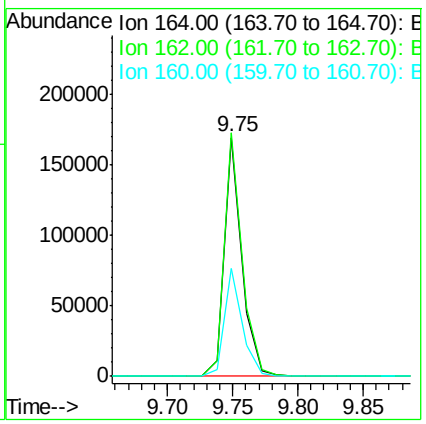


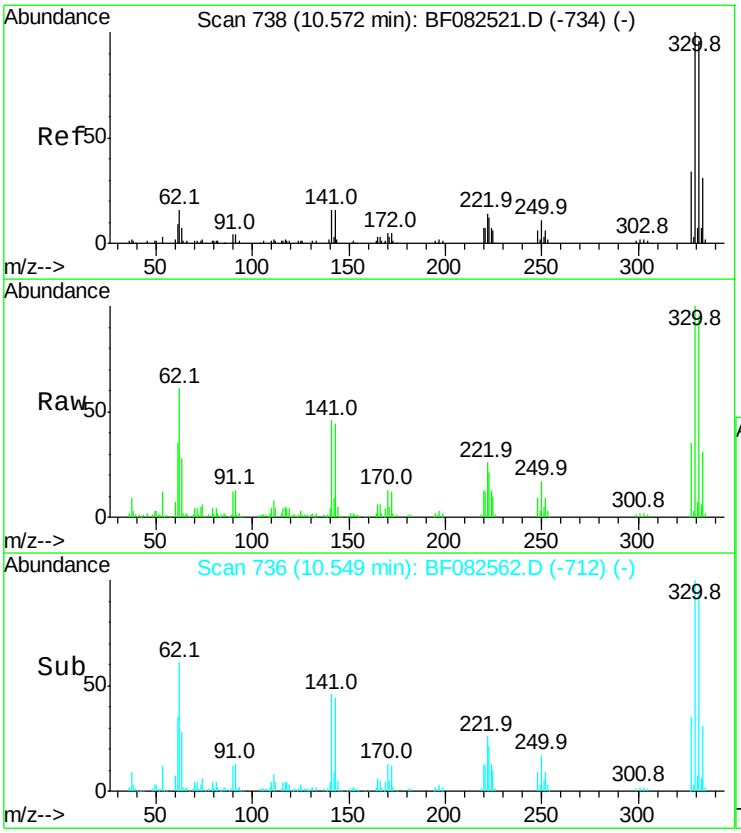
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:164 Resp: 158149

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.6	125.4
160	45.0	36.0	54.0

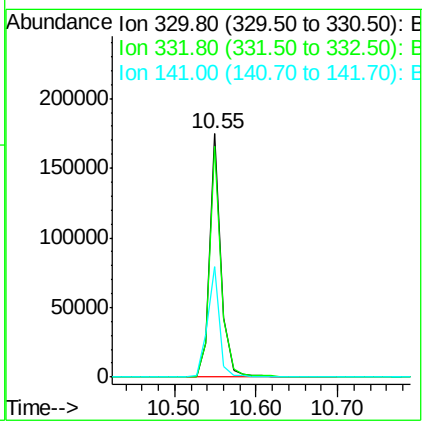


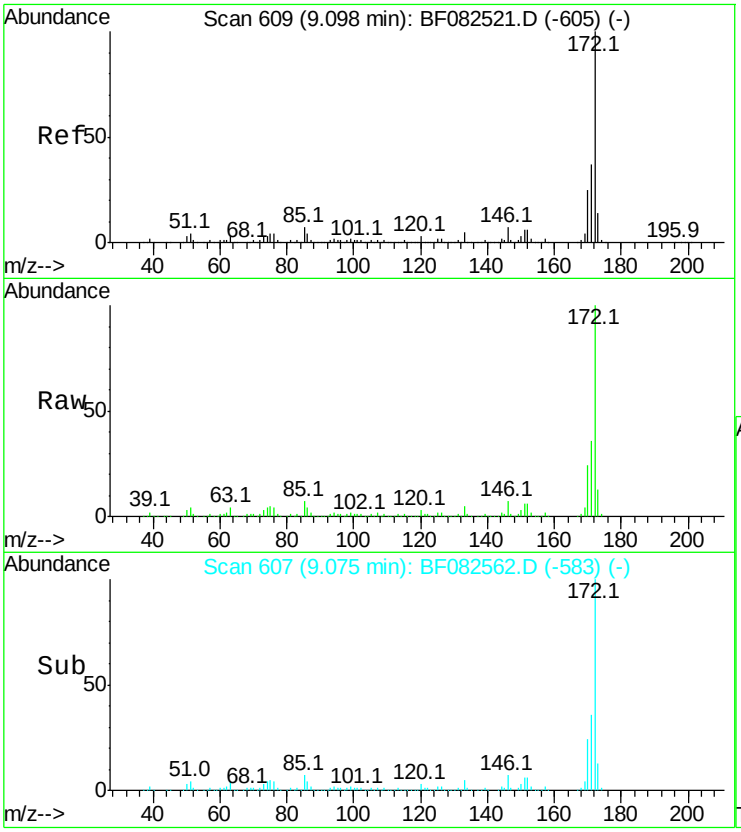


#41
2,4,6-Tribromophenol
Concen: 147.12 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:330 Resp: 174225

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	48.6	32.5	48.7



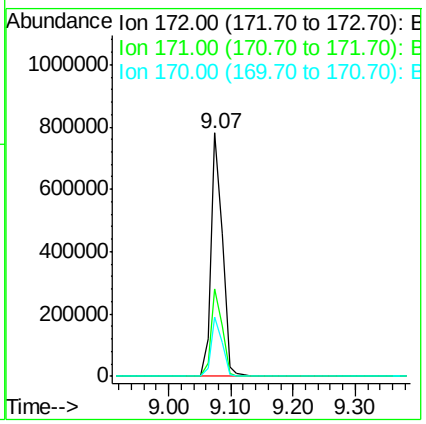


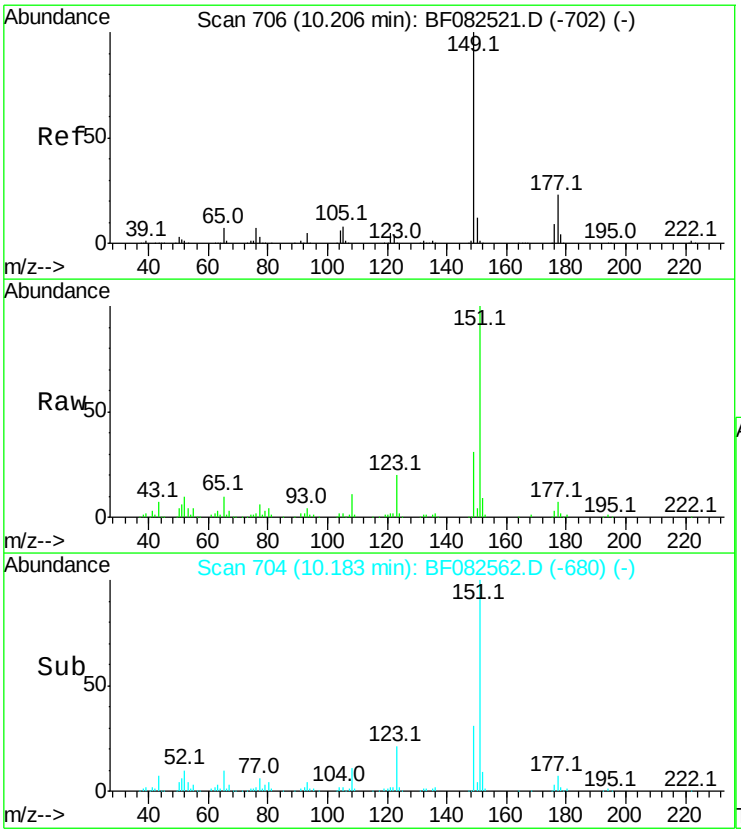
#44
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 9.07 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:172 Resp: 971009

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	24.2	19.8	29.6

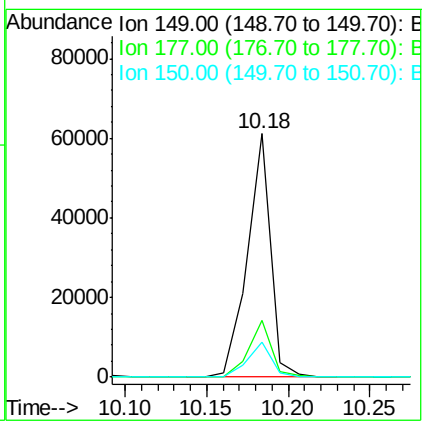


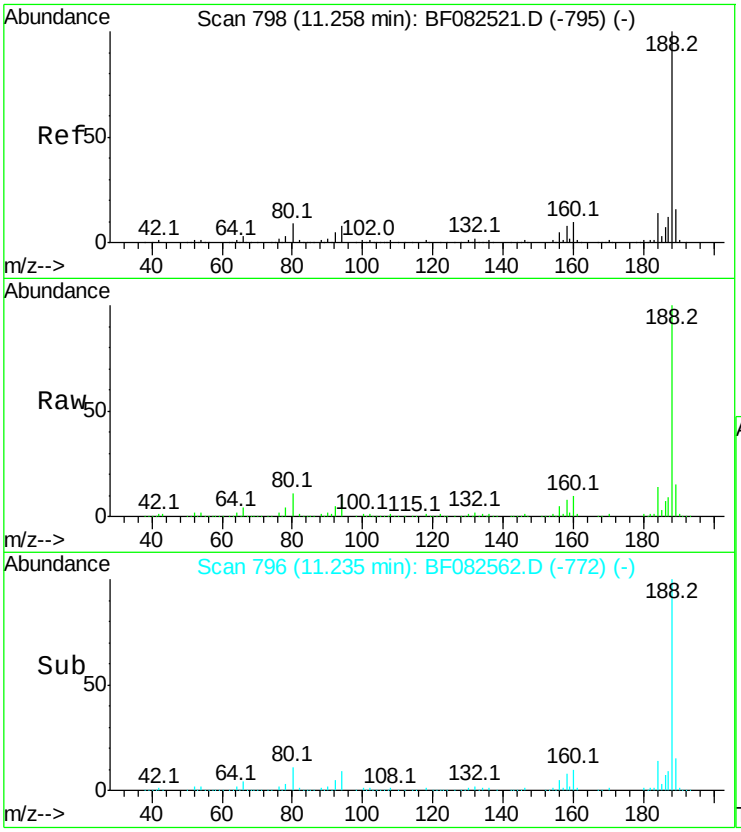


#59
Diethylphthalate
Concen: 5.62 ng
RT: 10.18 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:149 Resp: 60189

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.6	28.0
150	14.2	9.9	14.9



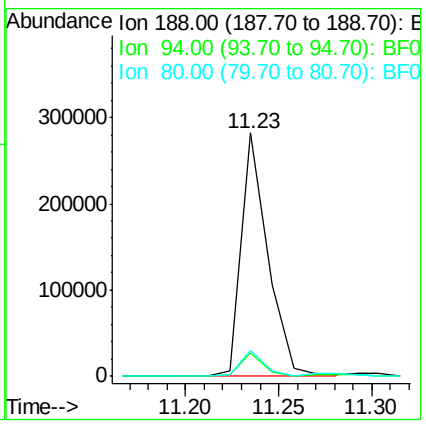


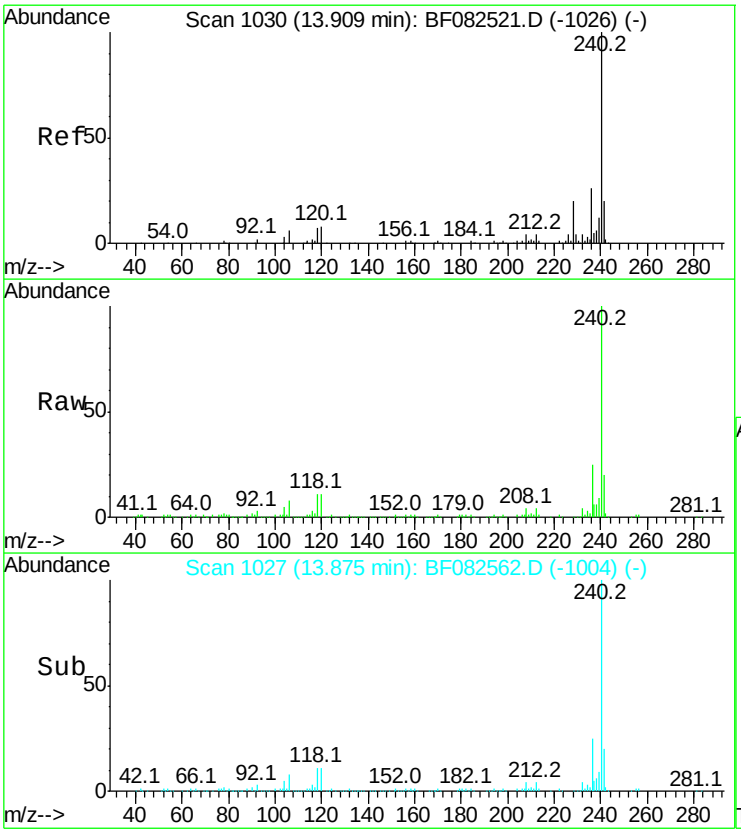
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:188 Resp: 280162

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.4	9.6
80	10.5	7.0	10.6

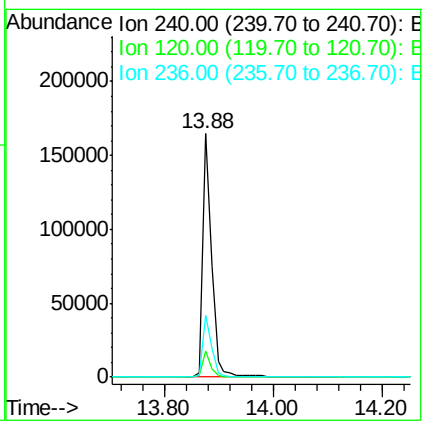


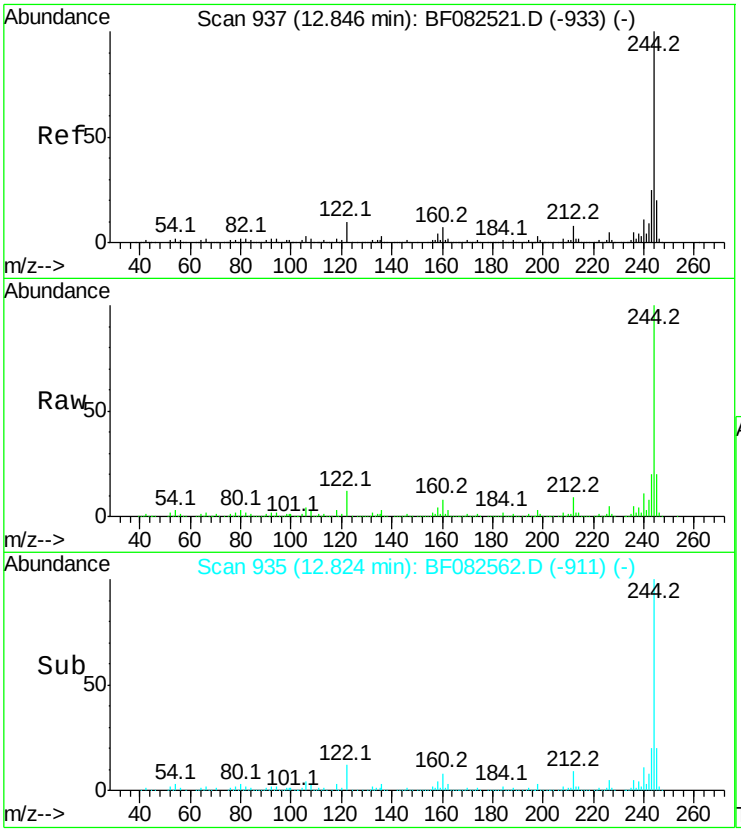


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:240 Resp: 184999

Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.5	9.7#
236	25.2	20.5	30.7



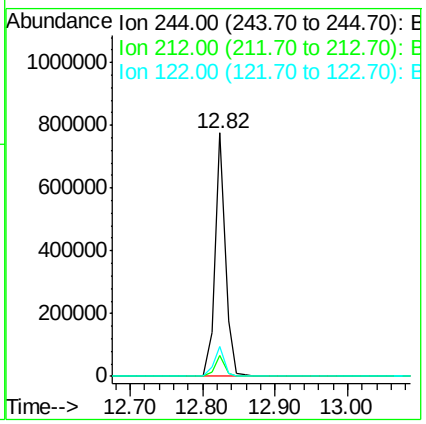


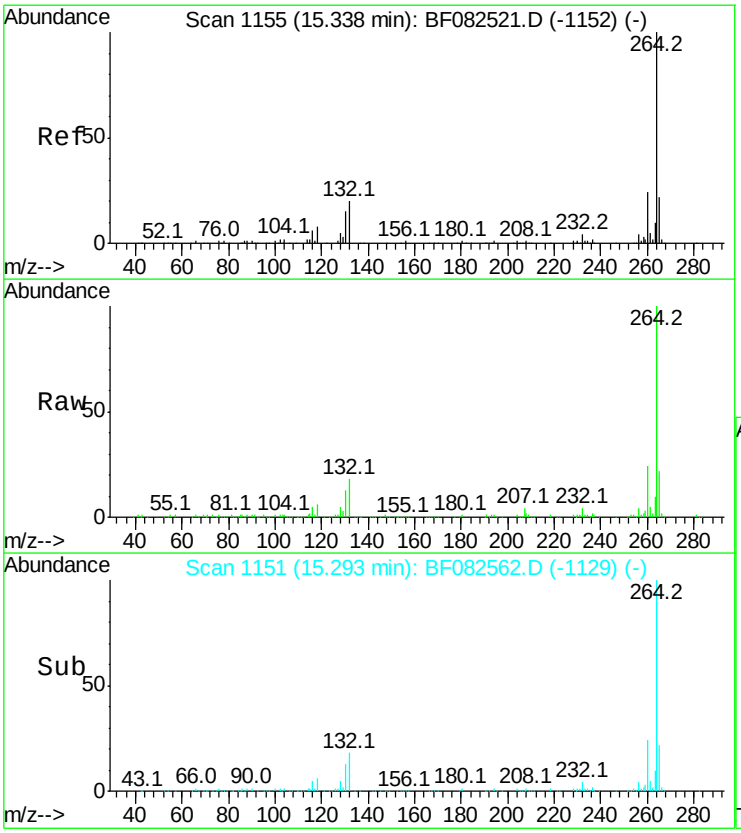
#78
Terphenyl-d14
Concen: 119.65 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:244 Resp: 768295

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.4	9.6
122	12.1	8.1	12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:264 Resp: 162915

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.7	17.8	26.6