Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082928.D
Acq On : 14 Nov 2015 7:11
Operator : UM/IZ
Sample : G4383-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS-MW-04

Quant Time: Nov 16 01:26:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	181389	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	635280	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	334571	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	559288	20.00	ng		-0.05
75) Chrysene-d12	13.96	240	385022	20.00	ng		-0.06
86) Perylene-d12	15.38	264	393035	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	599341	51.41	ng		-0.02
7) Phenol-d6	6.46	99	533238	34.41	ng		-0.01
23) Nitrobenzene-d5	7.37	82	979492	67.09	ng		-0.04
41) 2,4,6-Tribromophenol	10.64	330	345711	90.12	ng		-0.04
44) 2-Fluorobiphenyl	9.17	172	1614631	69.17	ng		-0.05
78) Terphenyl-d14	12.92	244	1377332	84.85	ng		-0.04
Target Compounds							Qvalue
10) Phenol	6.48	94	35674	2.03	ng		76
20) 3+4-Methylphenols	7.23	107	371221	26.08	ng	#	57
32) Benzoic acid	8.04	122	1548982	202.04	ng	#	87

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

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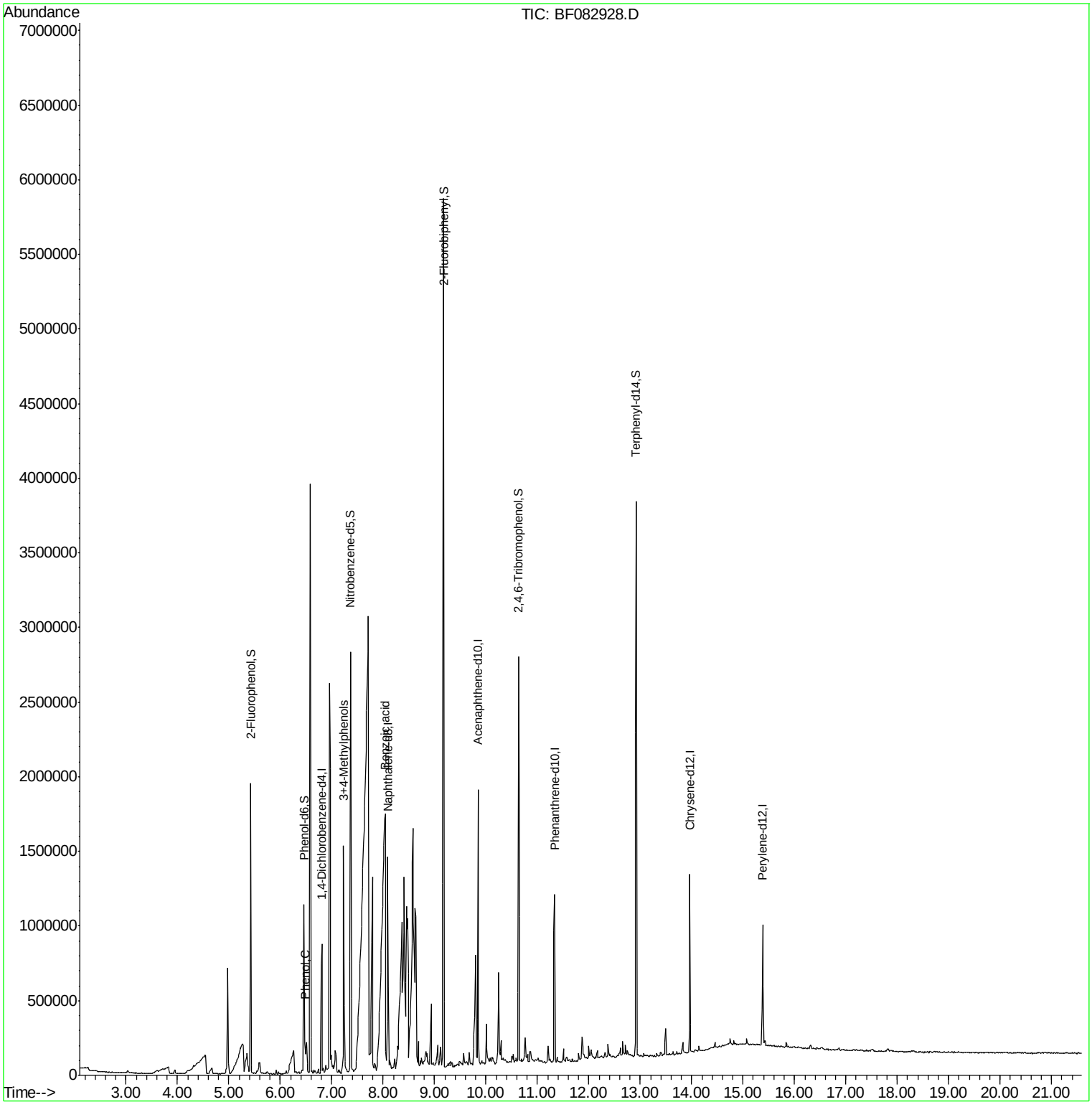
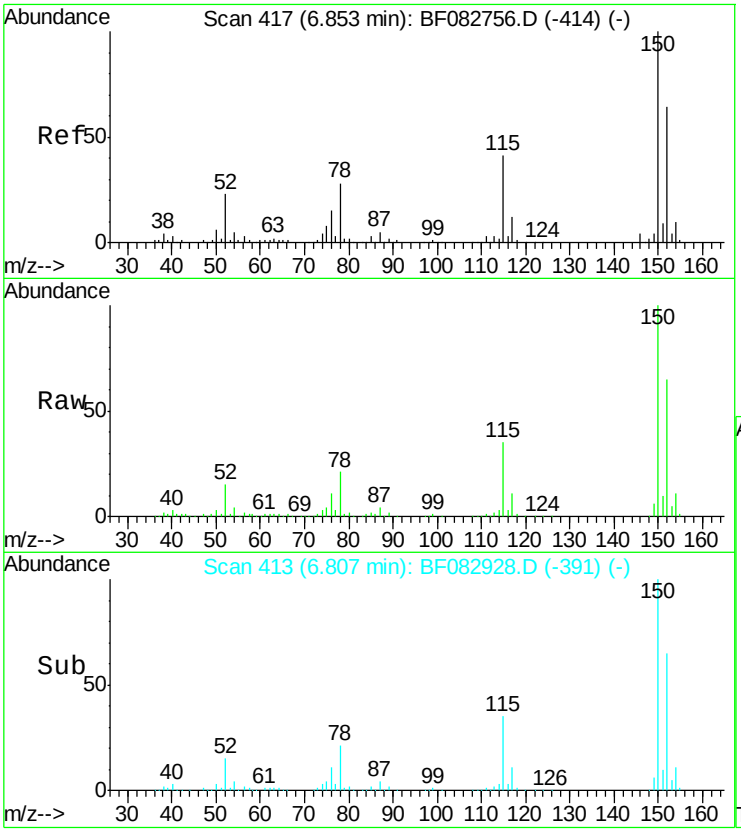


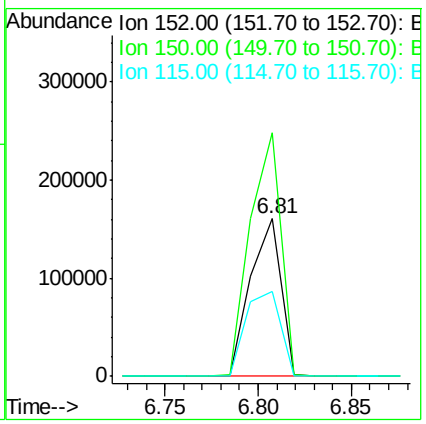


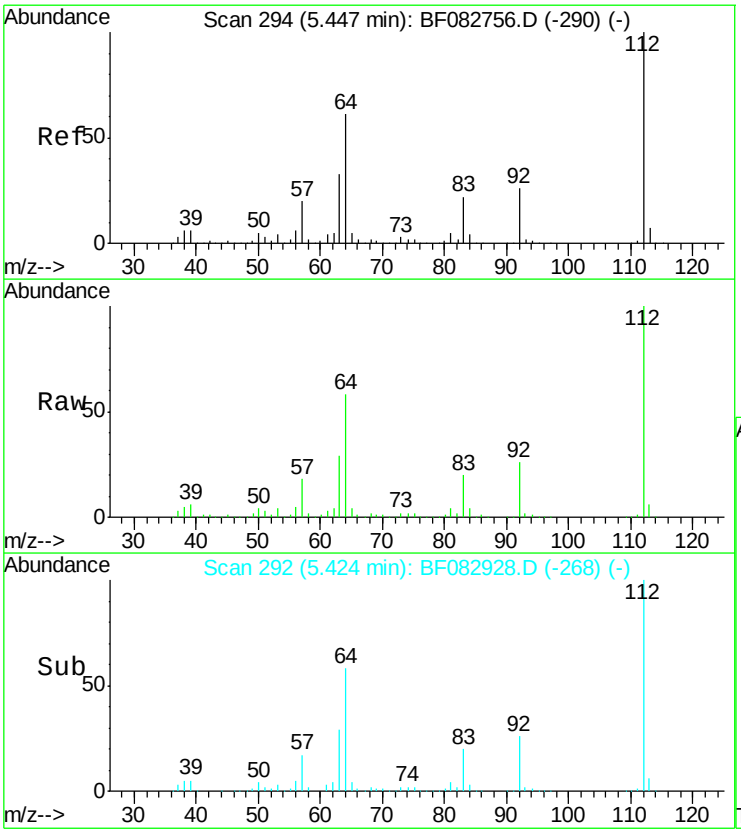
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

Tgt Ion:152 Resp: 181389

Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.0	190.4
115	53.8	47.0	70.6

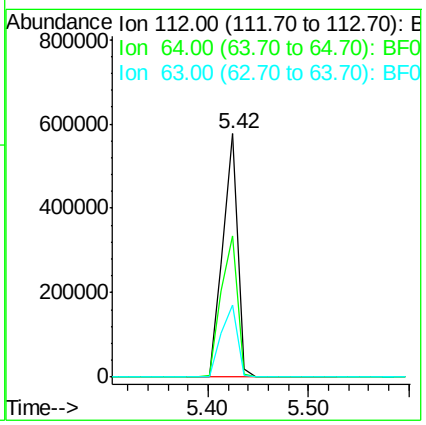


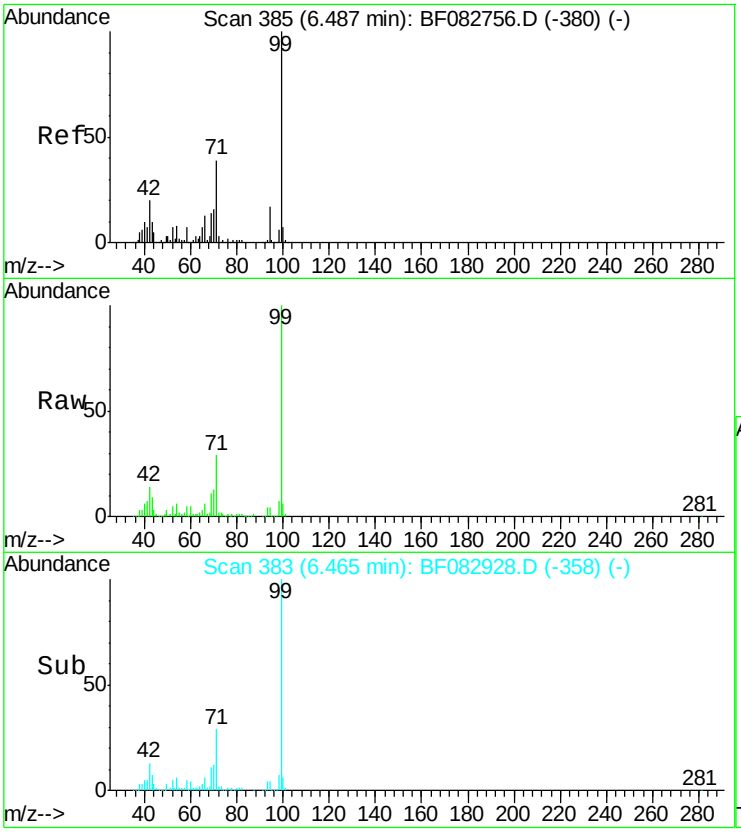


#5
2-Fluorophenol
Concen: 51.41 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion:112 Resp: 599341

Ion	Ratio	Lower	Upper
112	100		
64	58.0	48.9	73.3
63	29.5	28.1	42.1



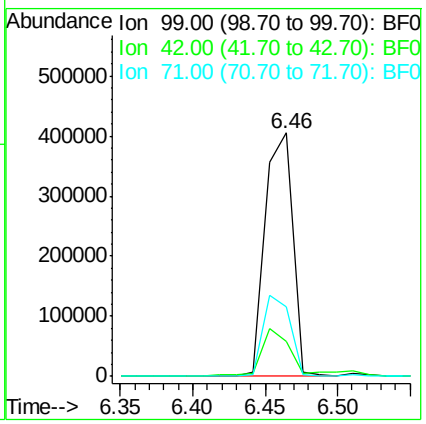


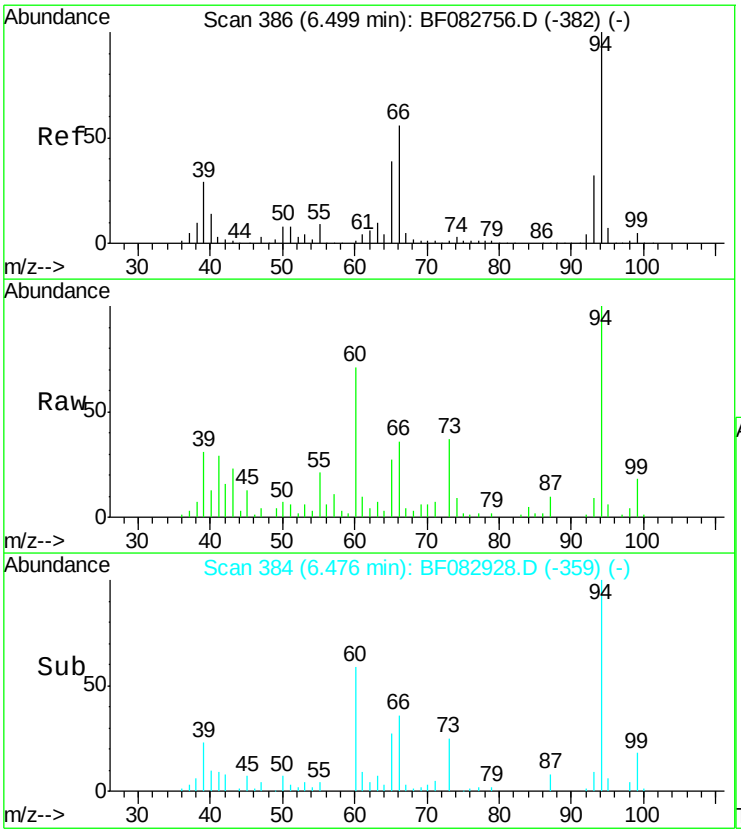
#7
Phenol-d6
Concen: 34.41 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

Tgt Ion: 99 Resp: 533238

Ion	Ratio	Lower	Upper
99	100		
42	14.1	19.2	28.8#
71	28.8	35.0	52.4#

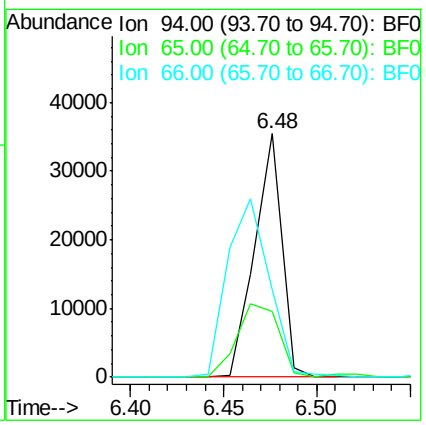


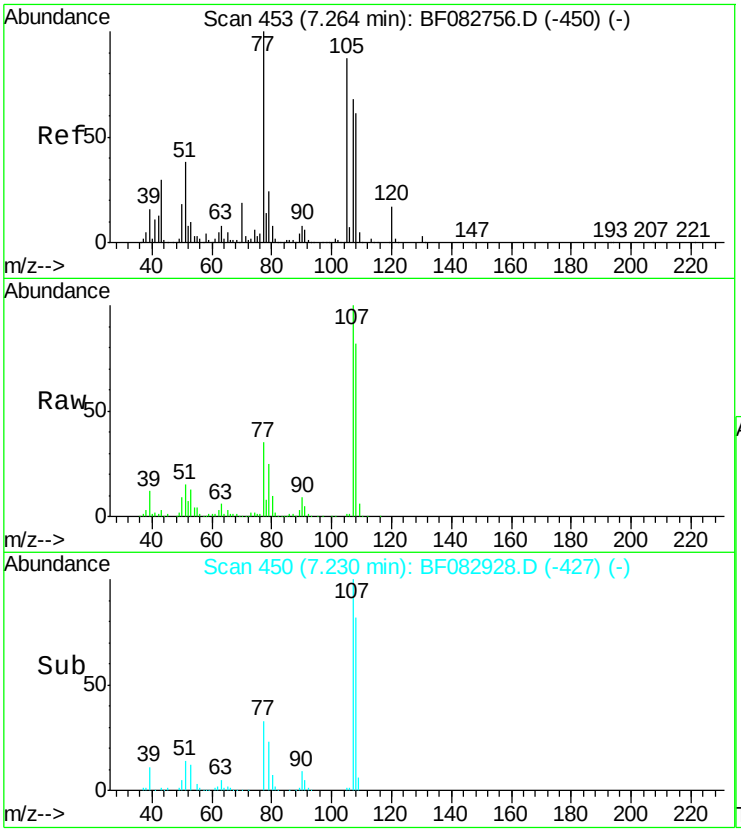


#10
Phenol
Concen: 2.03 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion: 94 Resp: 35674

Ion	Ratio	Lower	Upper
94	100		
65	26.9	18.9	58.9
66	35.8	34.9	74.9



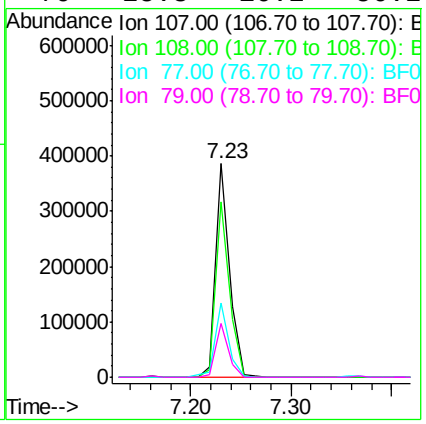


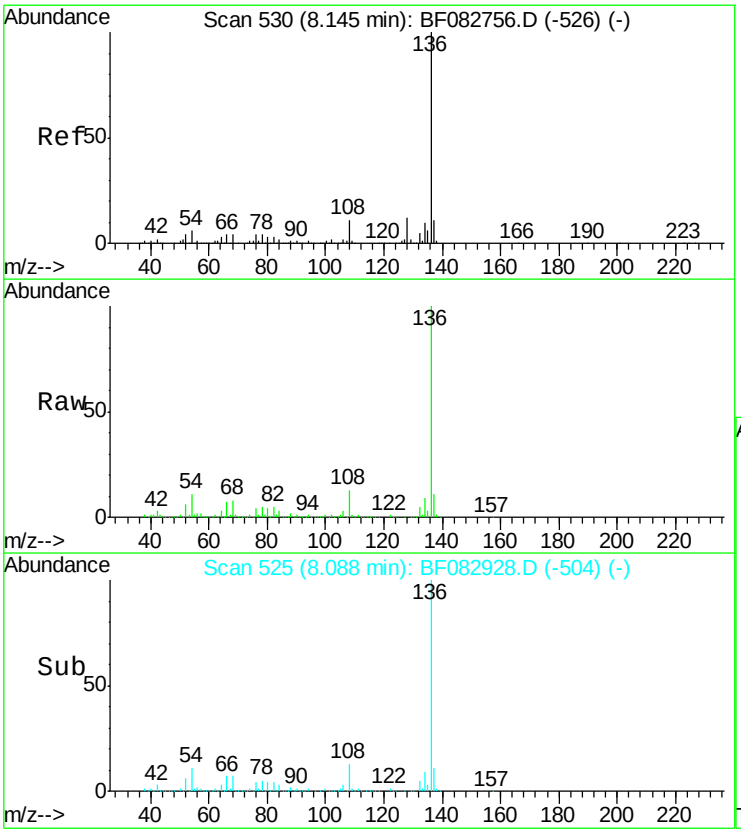
#20
3+4-Methylphenols
Concen: 26.08 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

Tgt Ion:107 Resp: 371221

Ion	Ratio	Lower	Upper
107	100		
108	82.3	67.3	107.3
77	34.8	100.3	140.3#
79	25.3	16.2	56.2

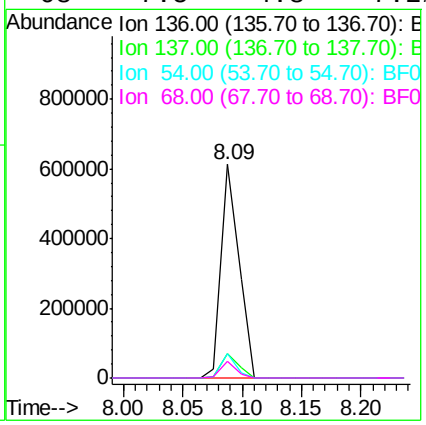


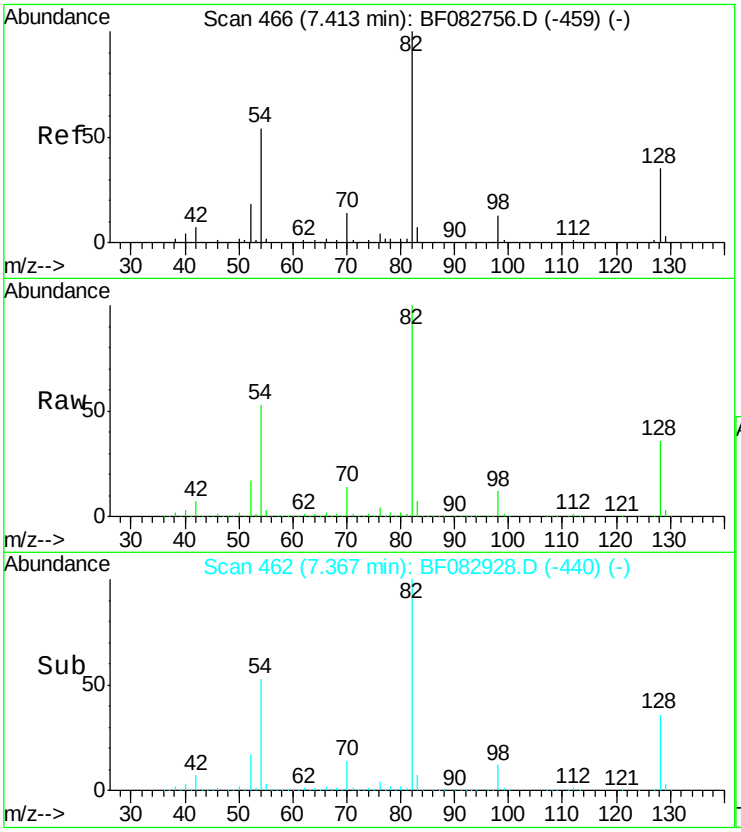


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion:136 Resp: 635280

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.4	9.1	13.7
68	7.5	4.8	7.2#



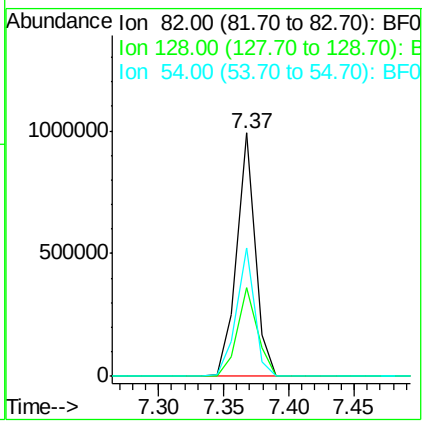


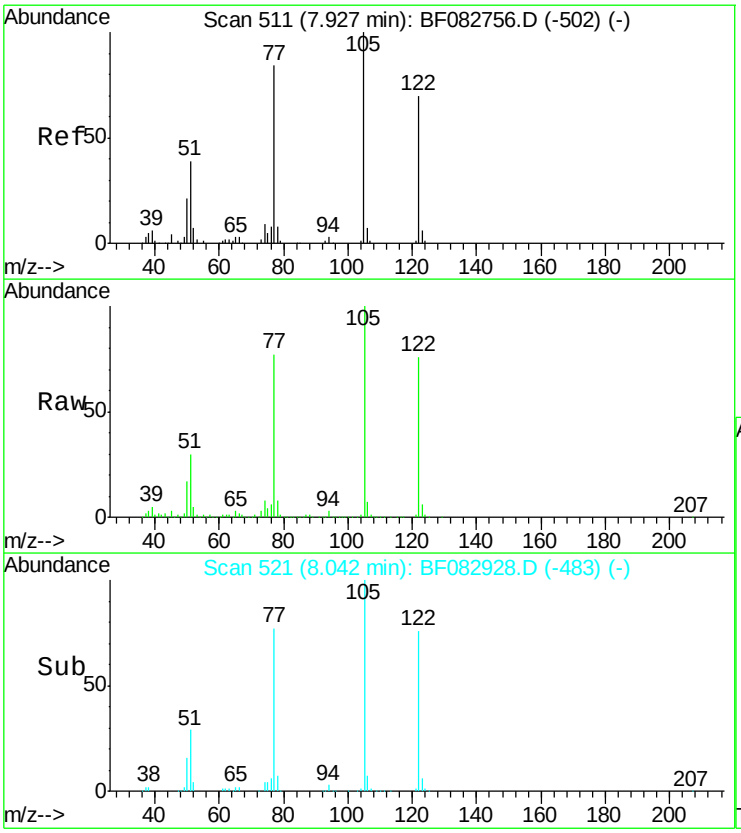
#23
Nitrobenzene-d5
Concen: 67.09 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

Tgt Ion: 82 Resp: 979492

Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.8	40.2
54	53.0	45.7	68.5

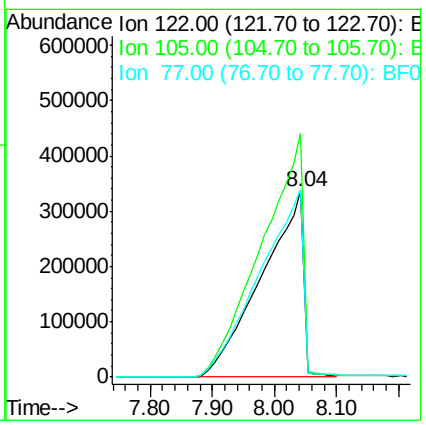


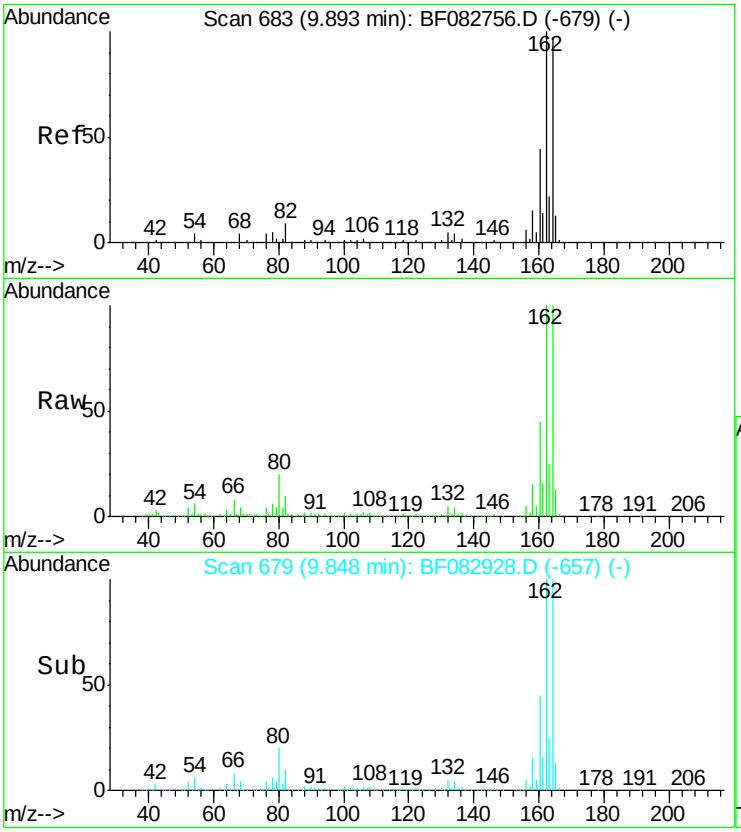


#32
Benzoic acid
Concen: 202.04 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.14 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion:122 Resp: 1548982

Ion	Ratio	Lower	Upper
122	100		
105	130.9	122.6	162.6
77	100.6	100.9	140.9#



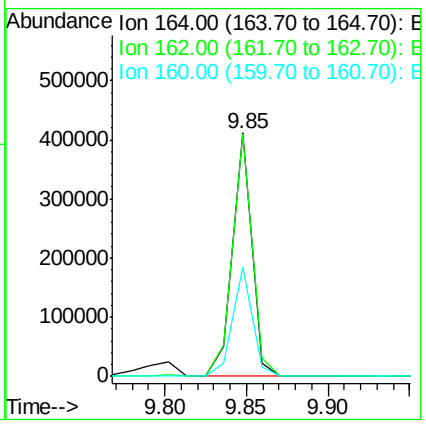


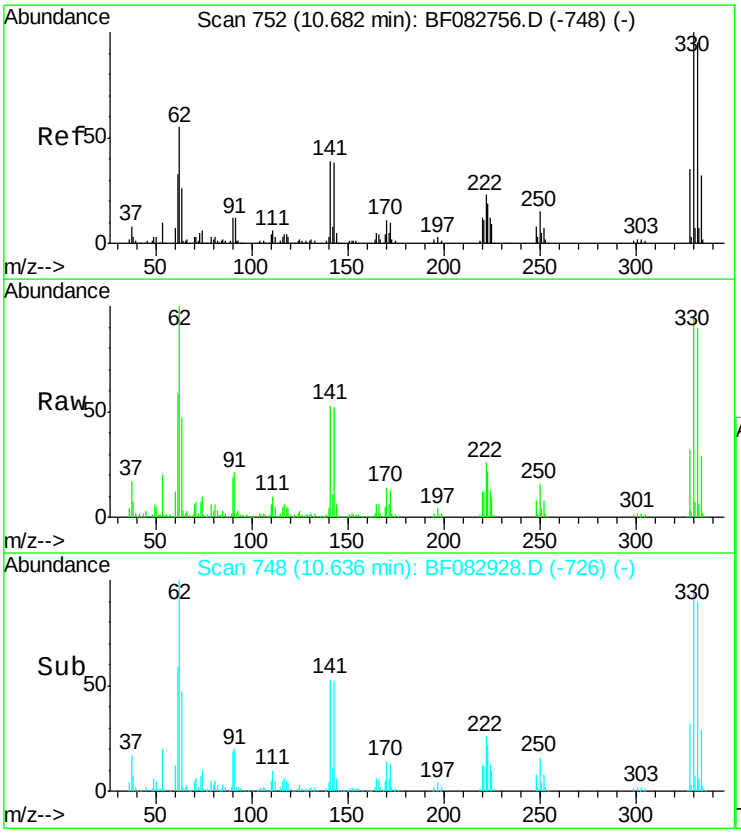
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

Tgt Ion:164 Resp: 334571

Ion	Ratio	Lower	Upper
164	100		
162	99.5	84.9	127.3
160	45.0	37.5	56.3

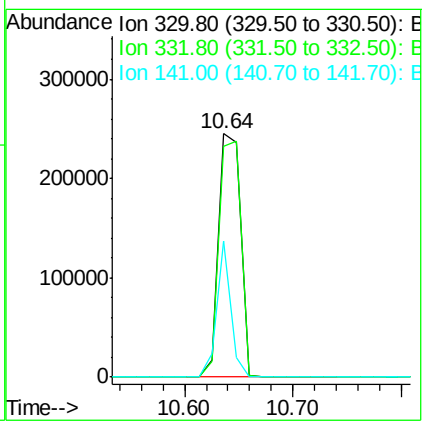


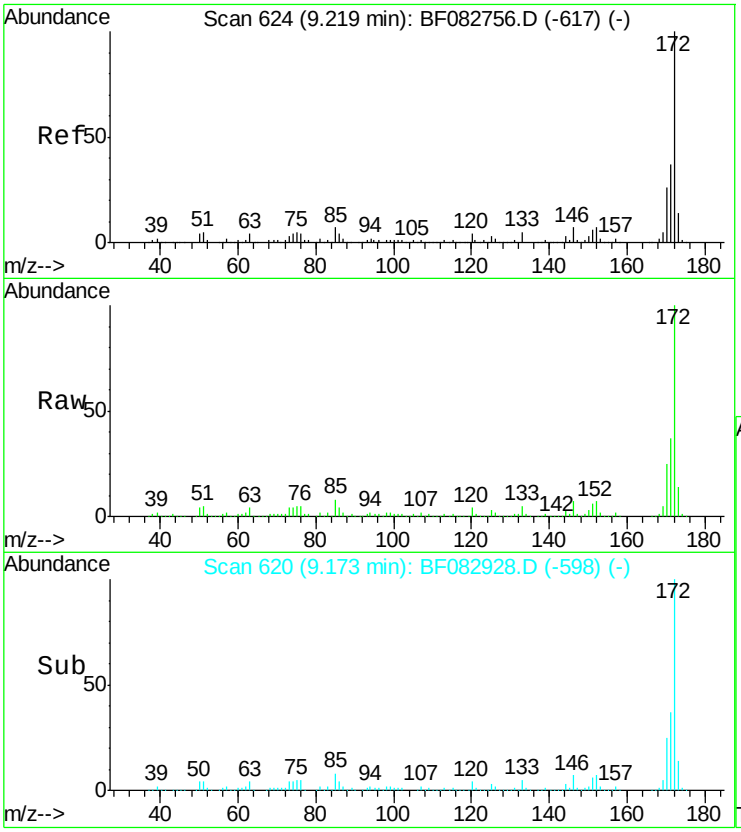


#41
2,4,6-Tribromophenol
Concen: 90.12 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.04 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion:330 Resp: 345711

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	36.2	41.2	61.8#



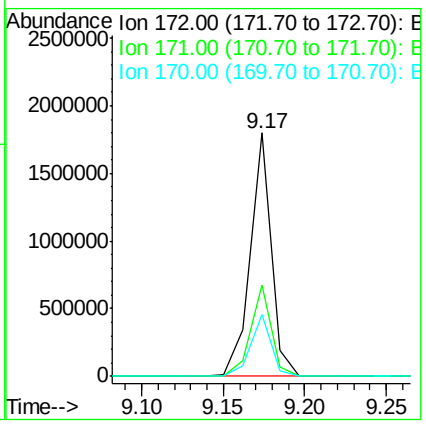


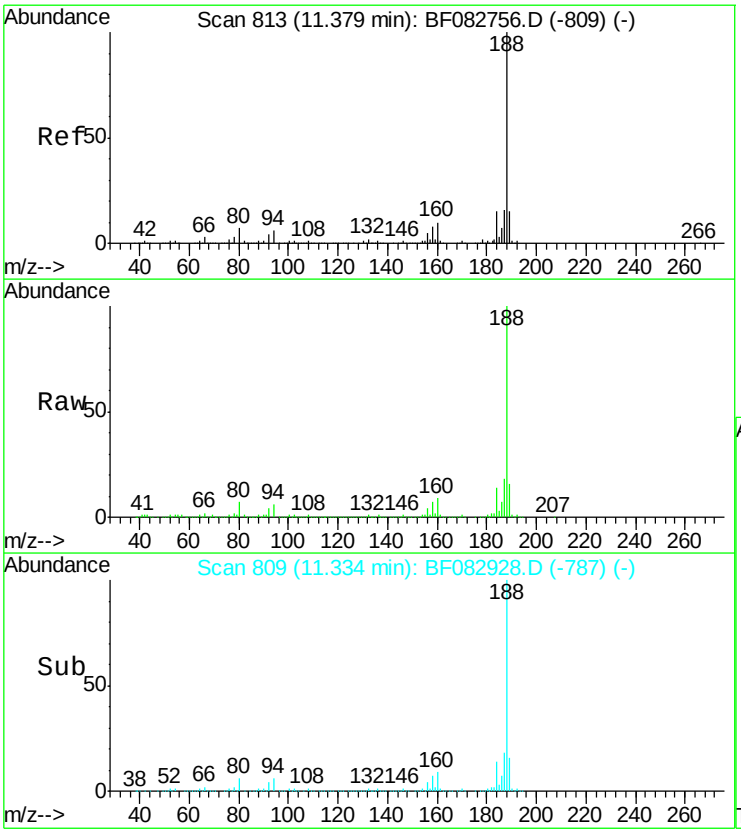
#44
2-Fluorobiphenyl
Concen: 69.17 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

Tgt Ion:172 Resp: 1614631

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.4	21.2	31.8

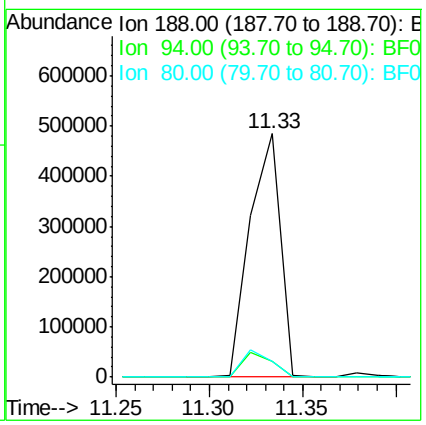


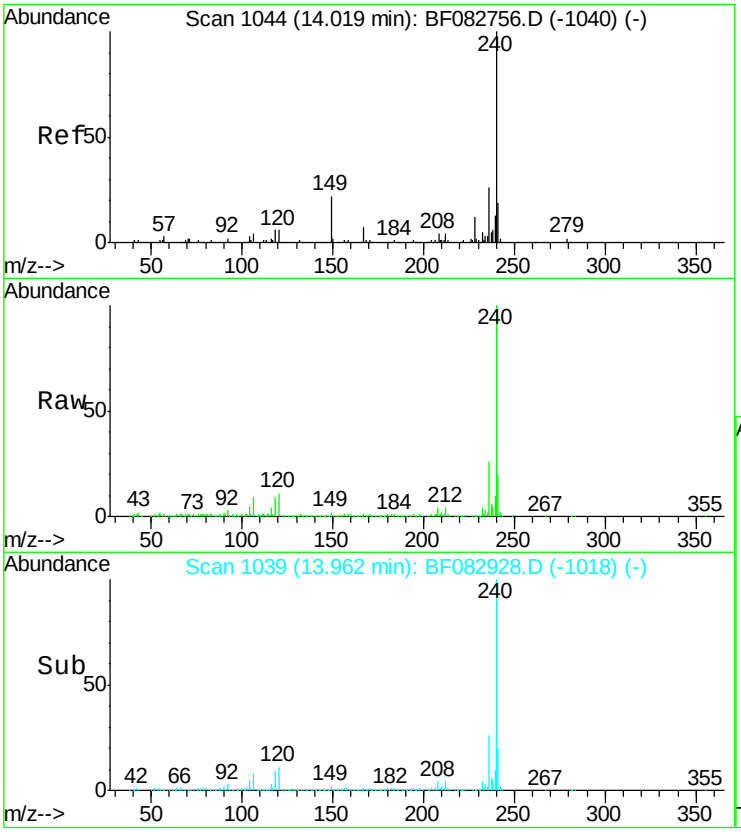


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion:188 Resp: 559288

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.1	9.1
80	6.6	7.0	10.6#



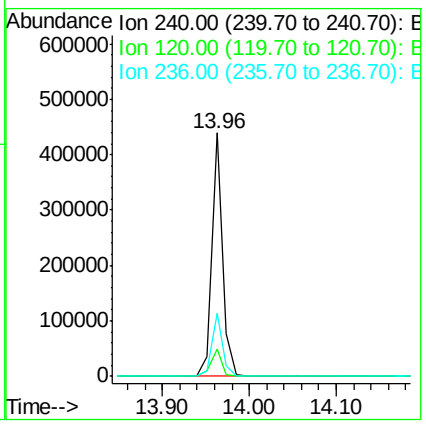


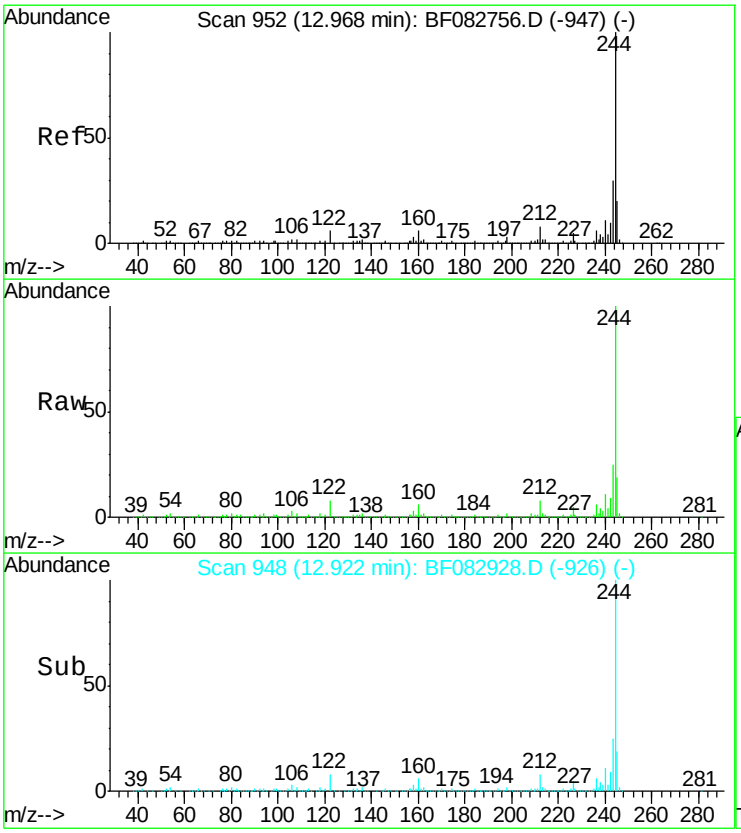
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

Tgt Ion:240 Resp: 385022

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.9	16.3
236	26.1	21.6	32.4

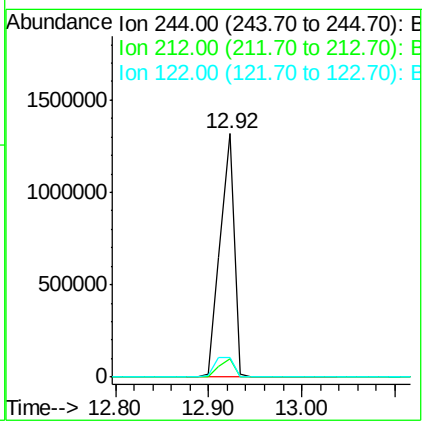


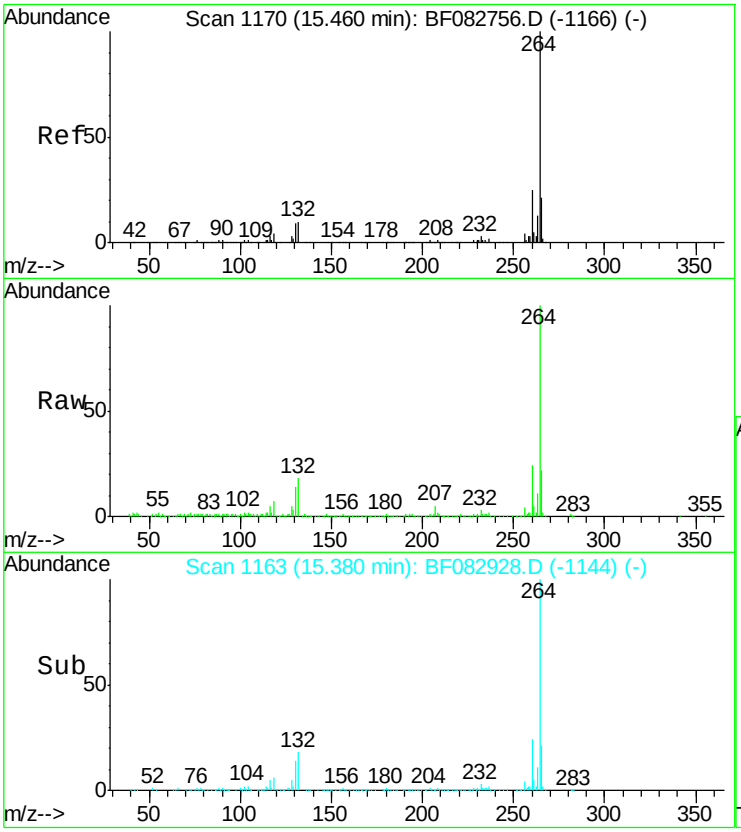


#78
Terphenyl-d14
Concen: 84.85 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.04 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Tgt Ion:244 Resp: 1377332

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.6	11.4#
122	7.8	11.3	16.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BF082928.D
Acq: 14 Nov 2015 7:11

Instrument :
BNA_F
ClientSampleId :
URS-MW-04

Tgt Ion:264 Resp: 393035

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.5	17.4	26.0