Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084942.D
Acq On : 8 Feb 2016 21:33
Operator : SJ/IZ
Sample : H1360-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW007

Quant Time: Feb 09 03:56:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	177005	20.00	ng		-0.03
21) Naphthalene-d8	7.94	136	741710	20.00	ng		-0.03
38) Acenaphthene-d10	9.69	164	295147	20.00	ng		-0.05
63) Phenanthrene-d10	11.17	188	392574	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	243053	20.00	ng		-0.02
86) Perylene-d12	15.20	264	241804	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1215997	107.00	ng		-0.03
7) Phenol-d6	6.30	99	1501819	106.60	ng		-0.03
23) Nitrobenzene-d5	7.22	82	852211	64.73	ng		-0.05
41) 2,4,6-Tribromophenol	10.48	330	257389	83.60	ng		-0.05
44) 2-Fluorobiphenyl	9.01	172	1192733	62.32	ng		-0.05
78) Terphenyl-d14	12.76	244	633698	59.08	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.19	77	44244	5.32	ng		97
10) Phenol	6.33	94	70575	4.47	ng		83
17) 2-Methylphenol	6.93	107	40318	3.96	ng		94
20) 3+4-Methylphenols	7.08	107	350002	27.72	ng		87
27) 2,4-Dimethylphenol	7.61	122	120049	9.92	ng		92
49) Dimethylphthalate	9.41	163	267159	11.88	ng	#	90
70) Phenanthrene	11.20	178	88509	4.06	ng	#	84
74) Fluoranthene	12.39	202	79395	3.60	ng		77
77) Pyrene	12.61	202	89138	4.79	ng	#	78
91) Benzo(g,h,i)perylene	16.84	276	27117	2.31	ng	#	88

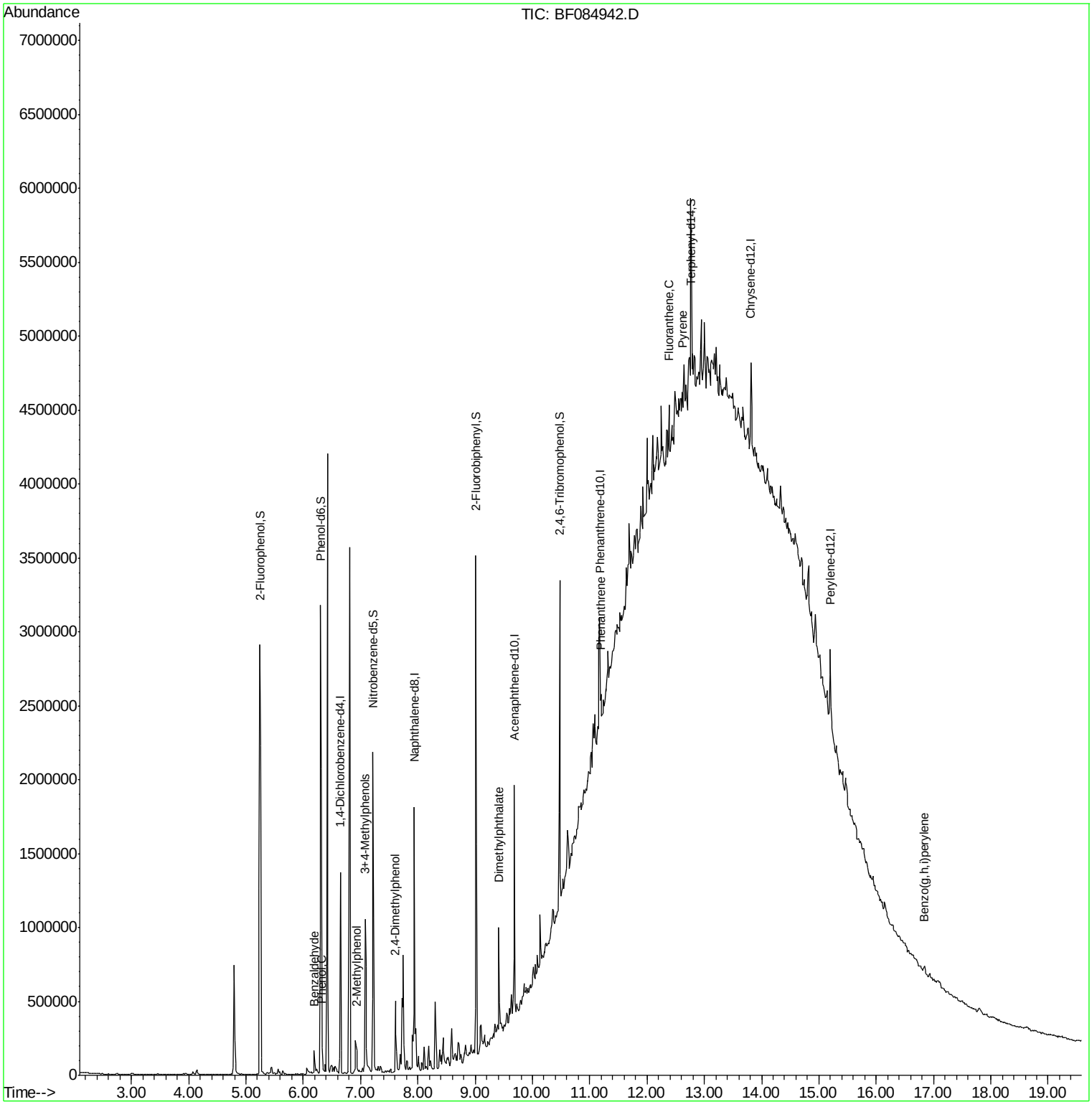
(#) = qualifier out of range (m) = manual integration (+) = signals summed

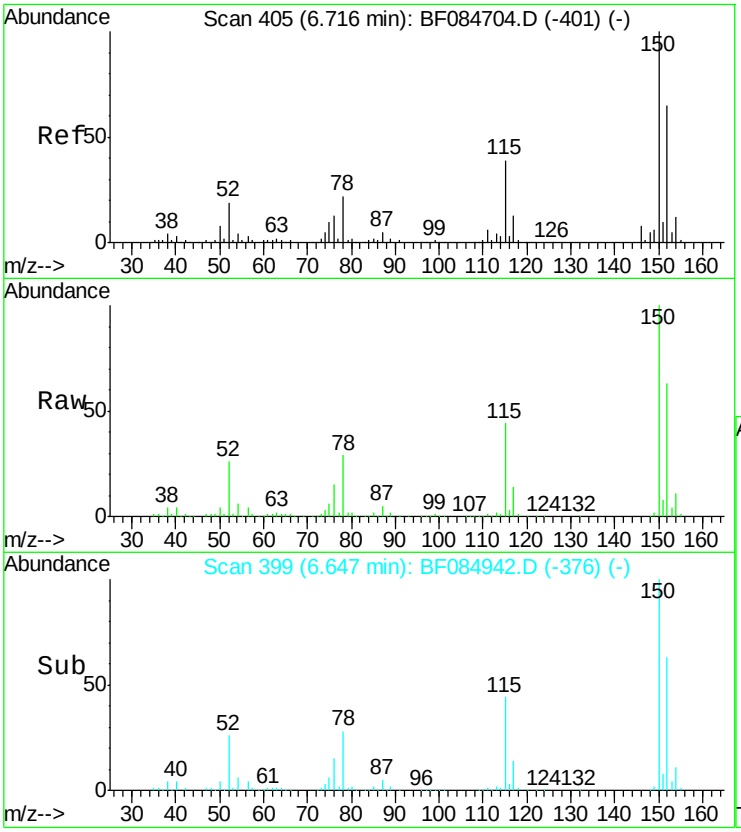
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084942.D
Acq On : 8 Feb 2016 21:33
Operator : SJ/IZ
Sample : H1360-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW007

Quant Time: Feb 09 03:56:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



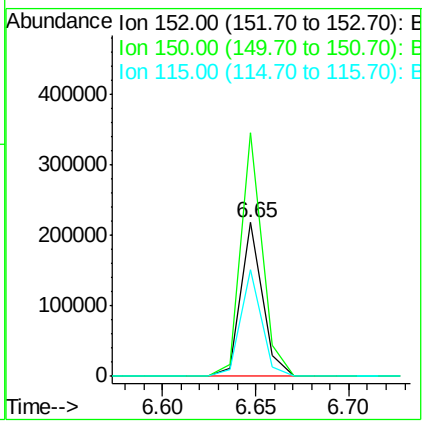


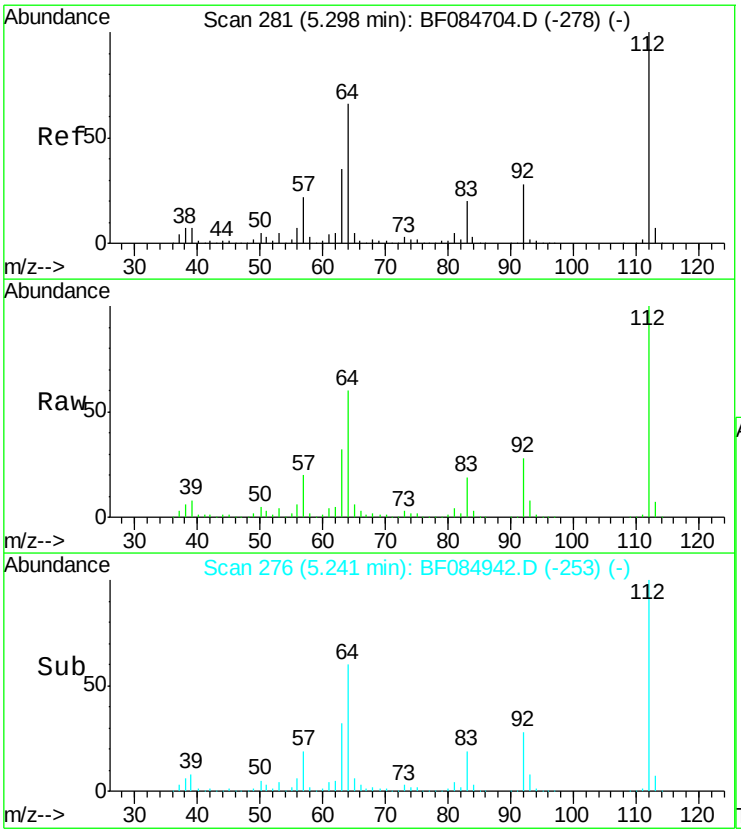
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion:152 Resp: 177005

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.0	184.4
115	69.5	51.4	77.2

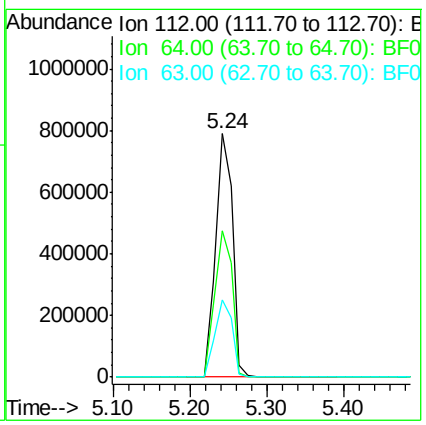


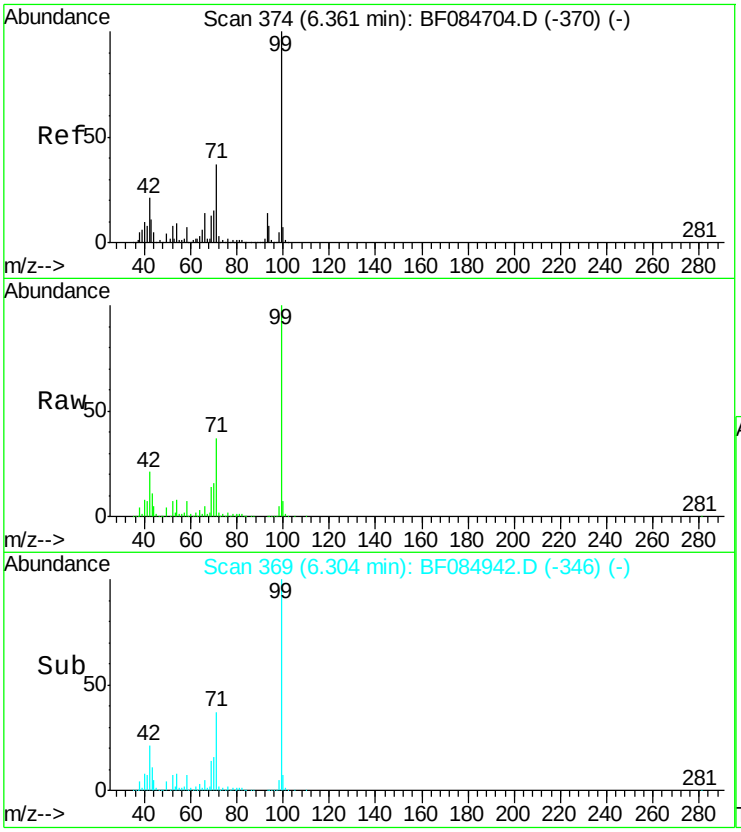


#5
2-Fluorophenol
Concen: 107.00 ng
RT: 5.24 min Scan# 276
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:112 Resp: 1215997

Ion	Ratio	Lower	Upper
112	100		
64	60.2	36.6	55.0#
63	31.9	19.4	29.0#



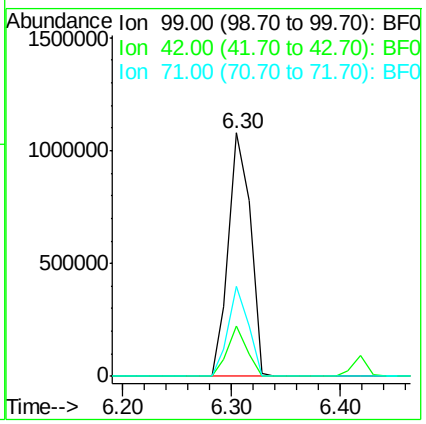


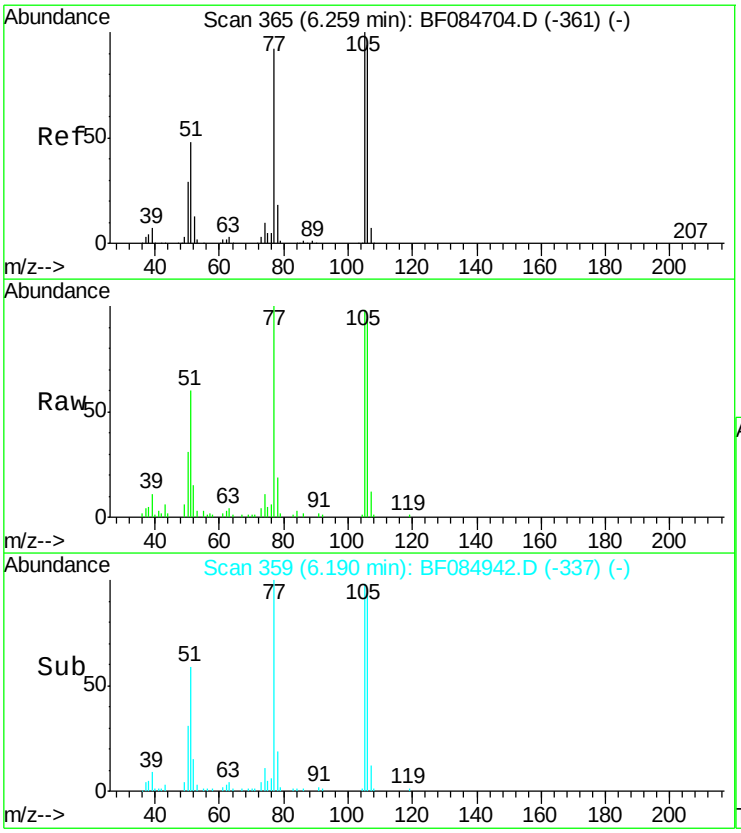
#7
Phenol-d6
Concen: 106.60 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion: 99 Resp: 1501819

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	36.9	30.9	46.3

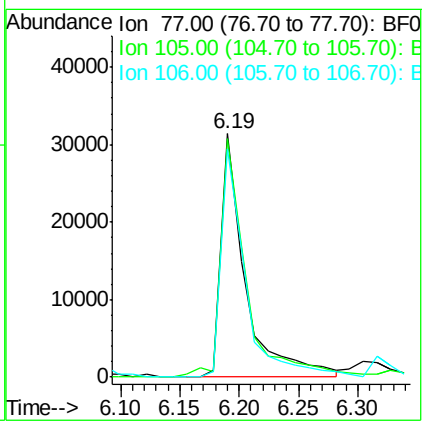


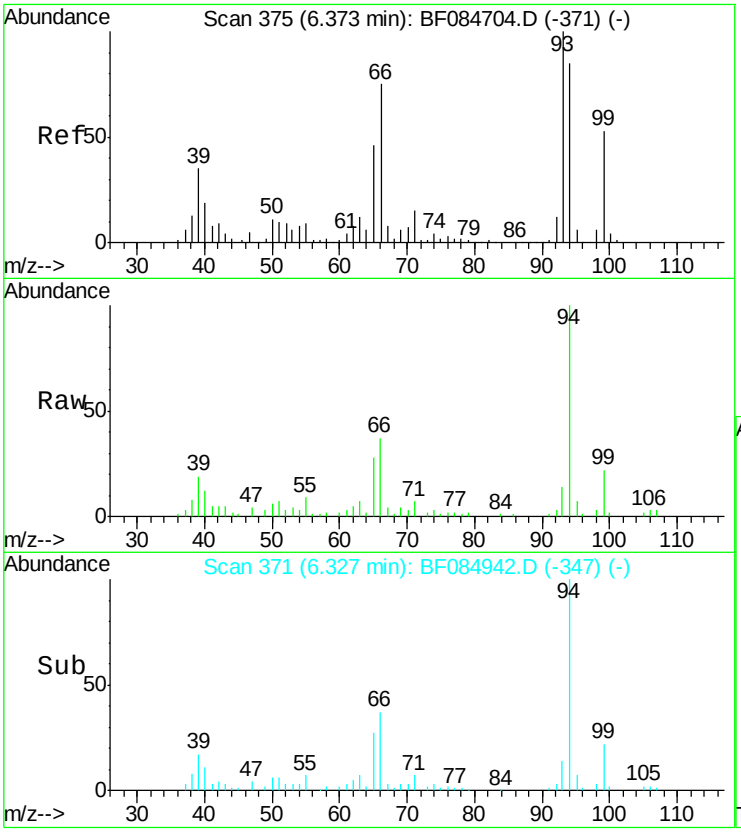


#9
Benzaldehyde
Concen: 5.32 ng
RT: 6.19 min Scan# 359
Delta R.T. -0.05 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion: 77 Resp: 44244

Ion	Ratio	Lower	Upper
77	100		
105	97.9	83.0	123.0
106	93.9	74.6	114.6



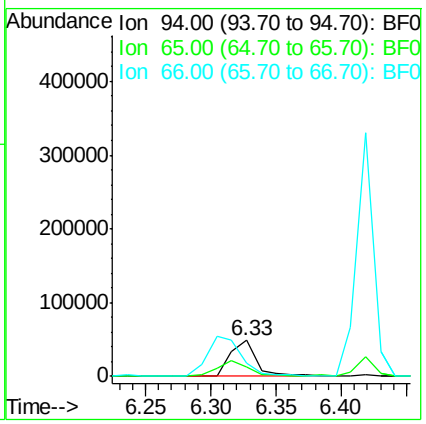


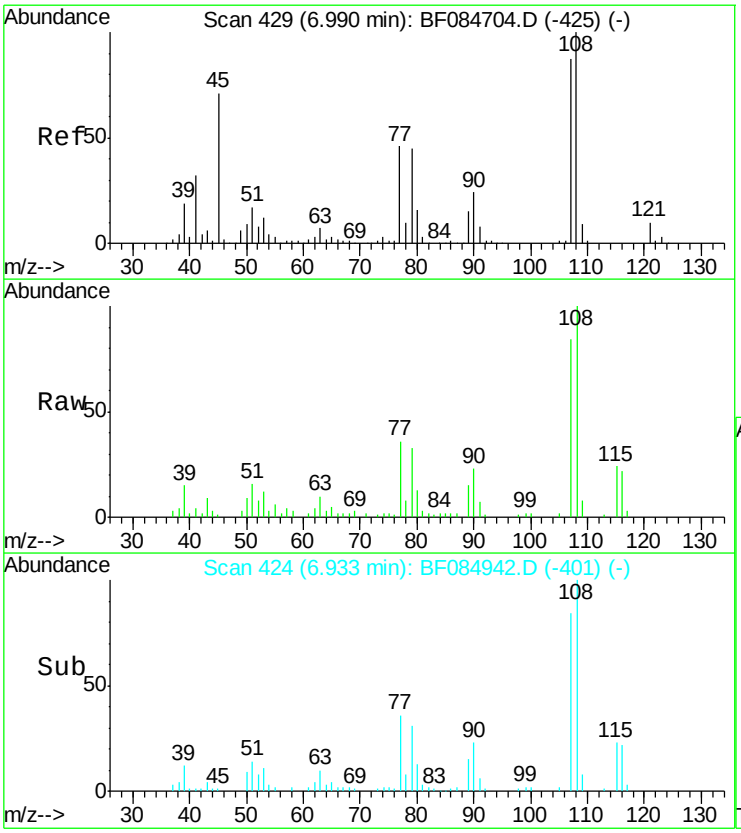
#10
Phenol
Concen: 4.47 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion: 94 Resp: 70575

Ion	Ratio	Lower	Upper
94	100		
65	27.8	12.9	52.9
66	37.3	32.7	72.7

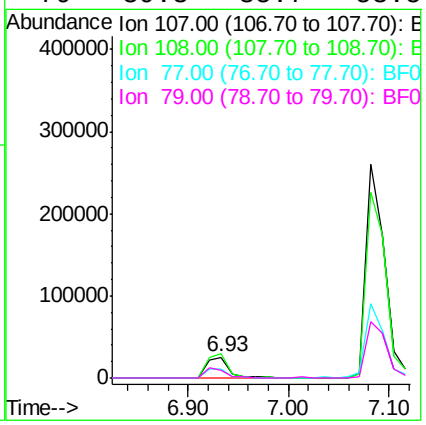


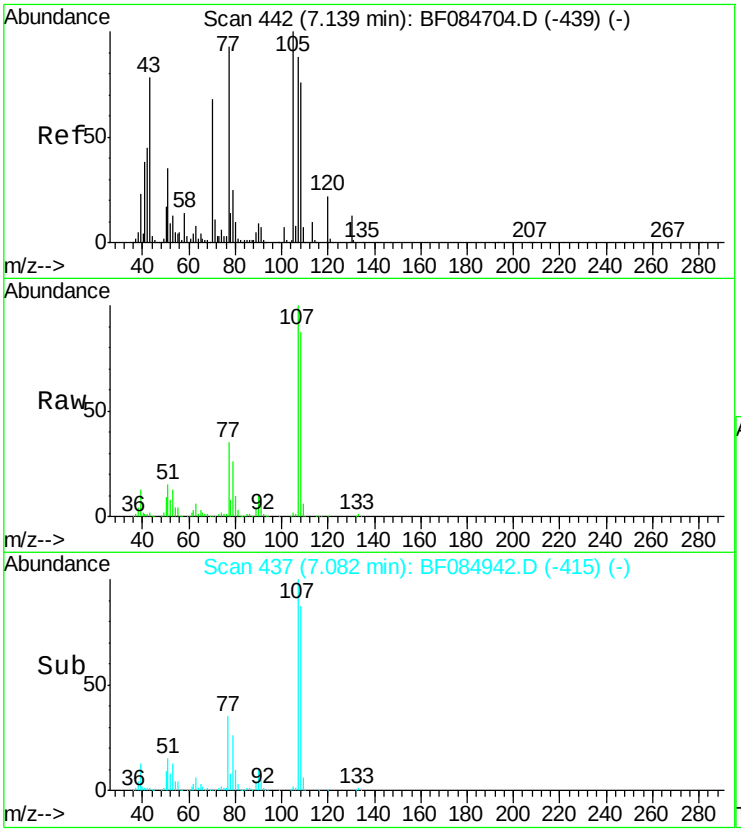


#17
2-Methylphenol
Concen: 3.96 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:107 Resp: 40318

Ion	Ratio	Lower	Upper
107	100		
108	119.5	89.8	134.6
77	42.6	35.7	53.5
79	39.3	35.7	53.5



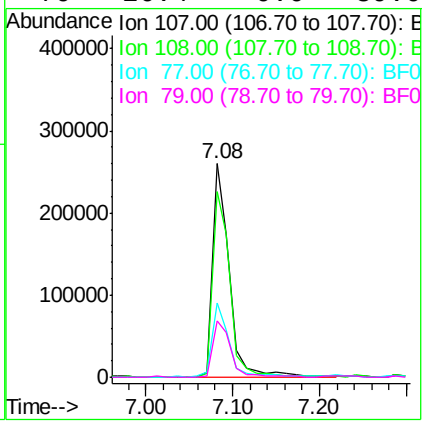


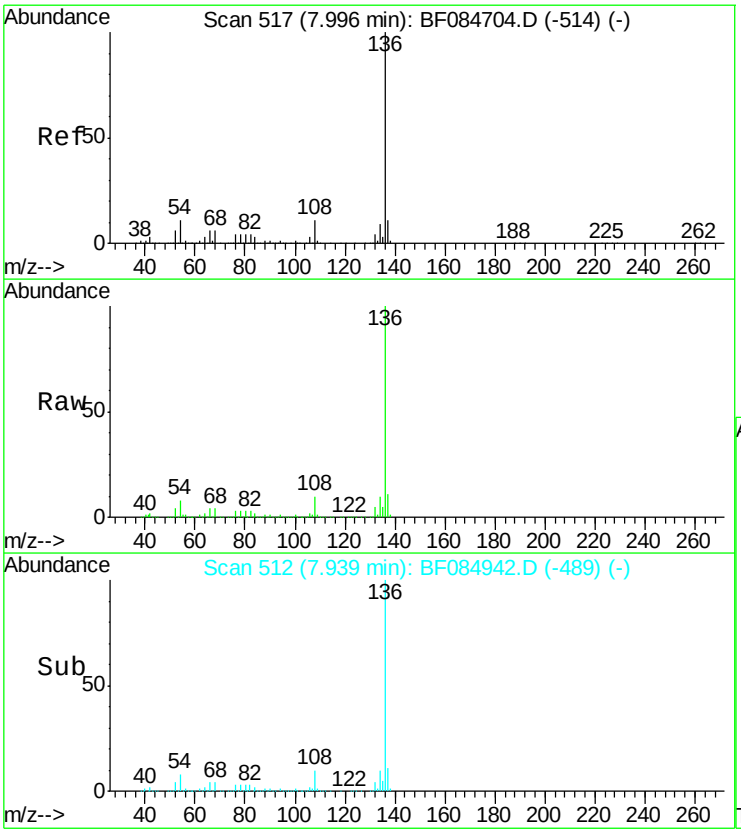
#20
3+4-Methylphenols
Concen: 27.72 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.05 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion:107 Resp: 350002

Ion	Ratio	Lower	Upper
107	100		
108	86.7	74.6	114.6
77	34.7	0.7	40.7
79	26.4	0.0	39.0

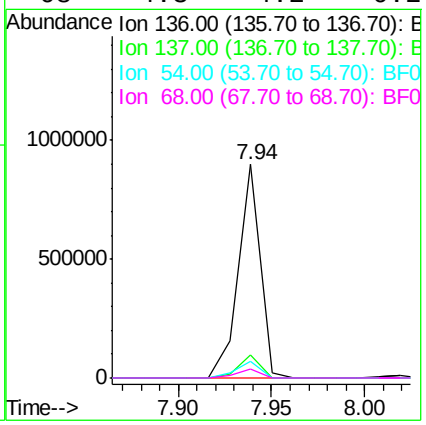


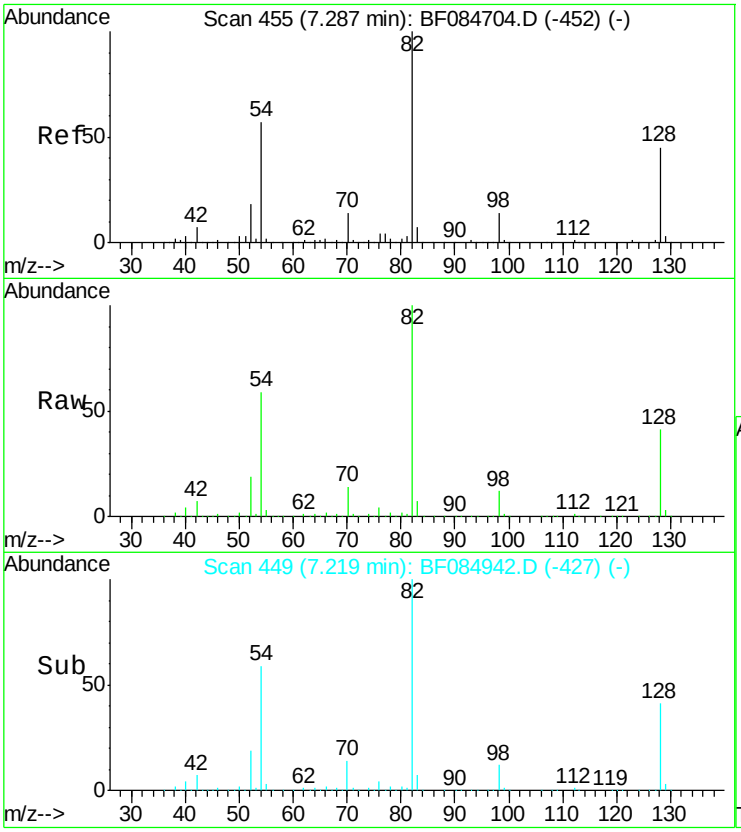


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:136 Resp: 741710

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	5.8	8.8
68	4.3	4.2	6.2



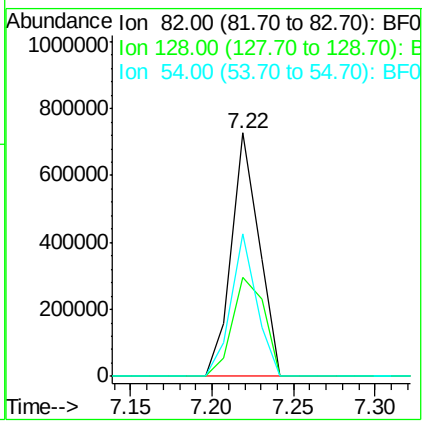


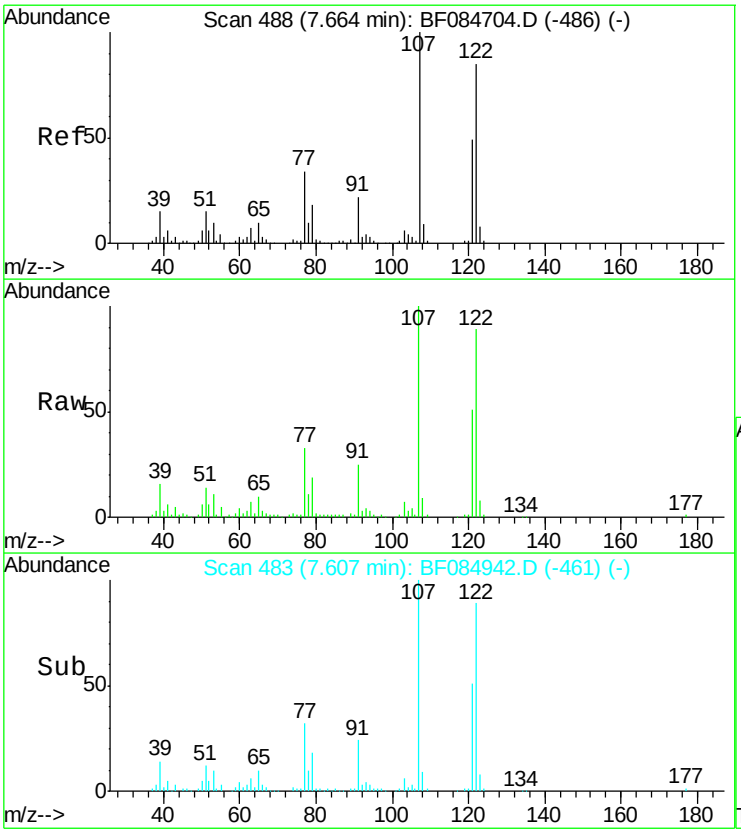
#23
Nitrobenzene-d5
Concen: 64.73 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion: 82 Resp: 852211

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	51.8
54	58.6	38.4	57.6#

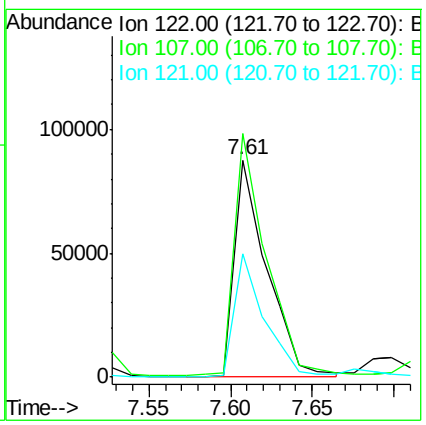


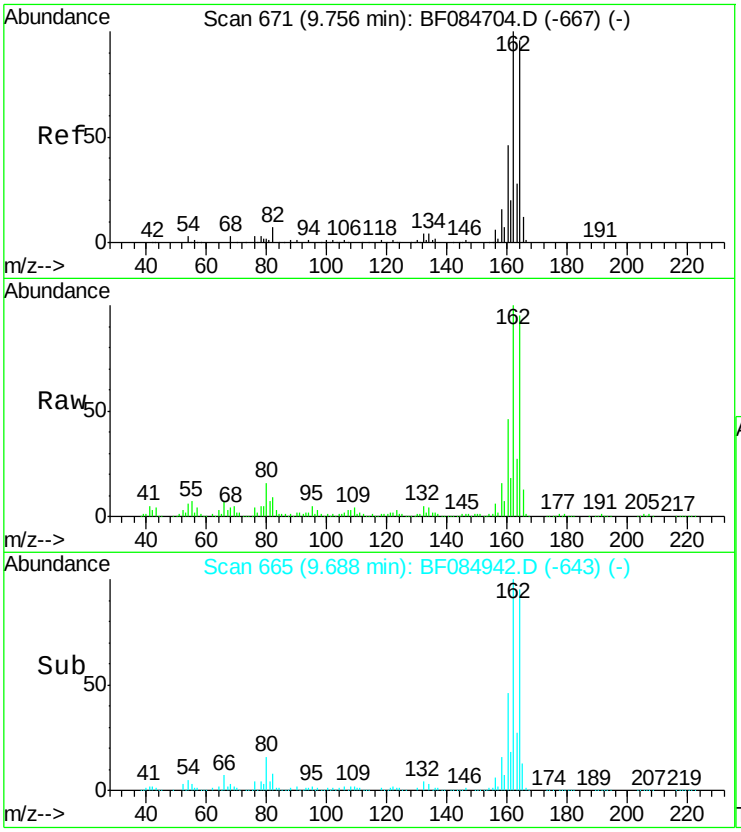


#27
2,4-Dimethylphenol
Concen: 9.92 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.05 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:122 Resp: 120049

Ion	Ratio	Lower	Upper
122	100		
107	112.2	99.1	148.7
121	57.1	47.9	71.9



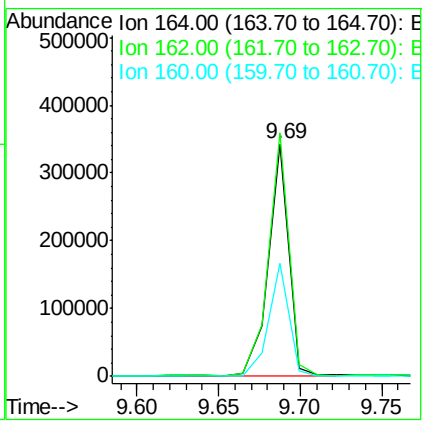


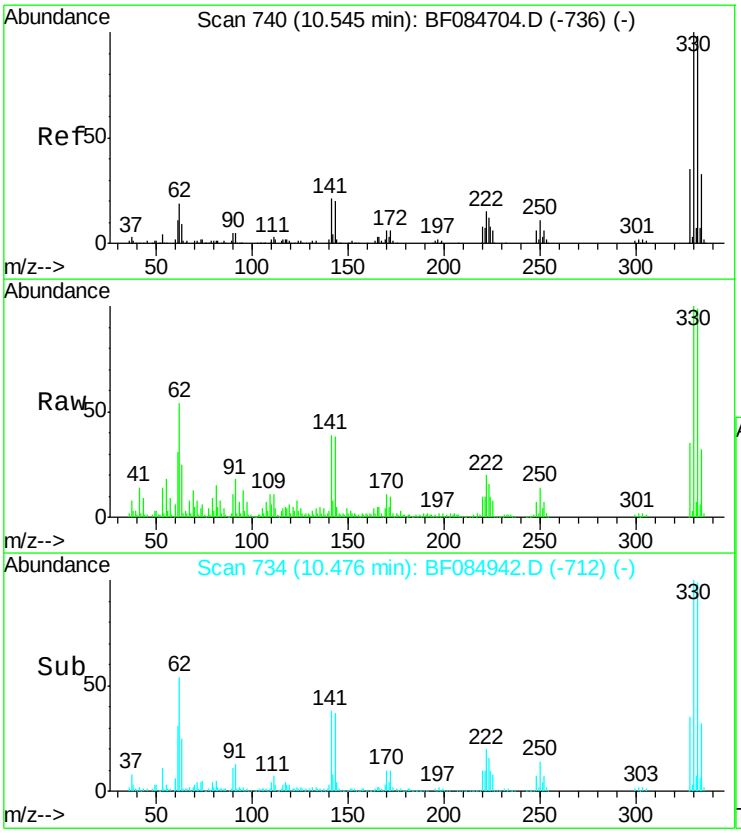
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion:164 Resp: 295147

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	48.7	37.5	56.3

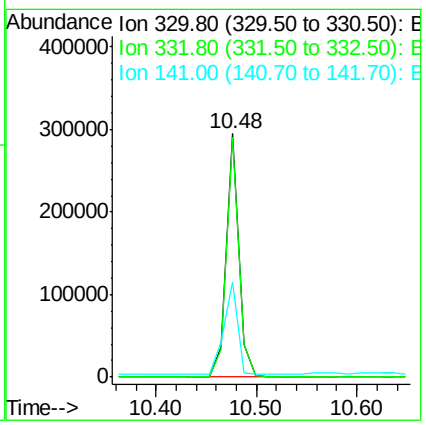


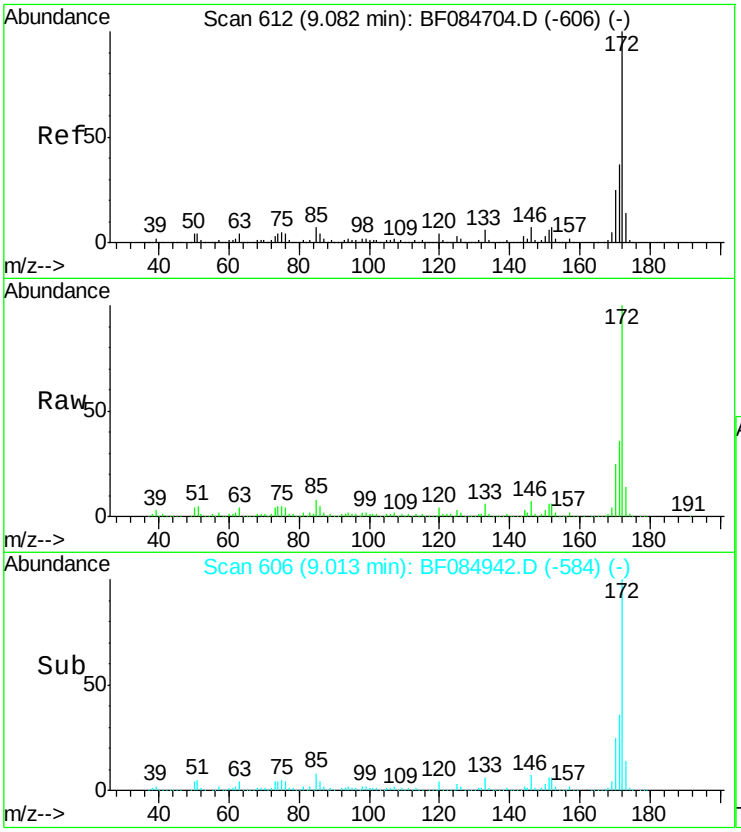


#41
2,4,6-Tribromophenol
Concen: 83.60 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:330 Resp: 257389

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	42.2	27.8	41.6#



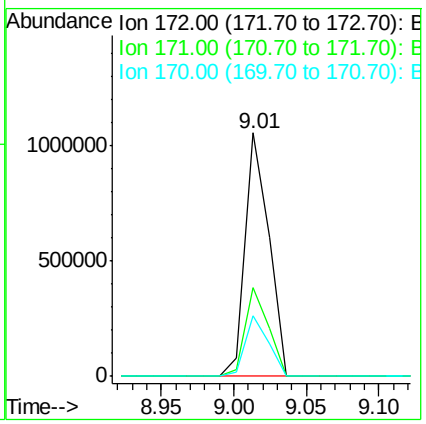


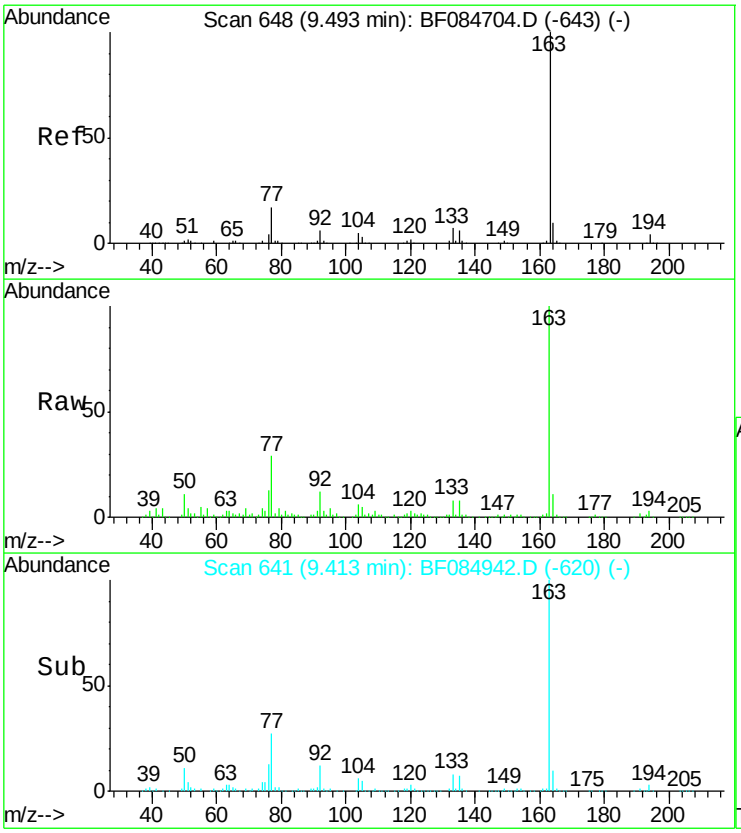
#44
2-Fluorobiphenyl
Concen: 62.32 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.05 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion:172 Resp: 1192733

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.7	18.6	27.8

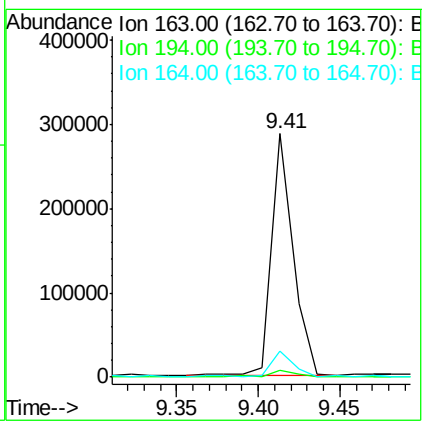


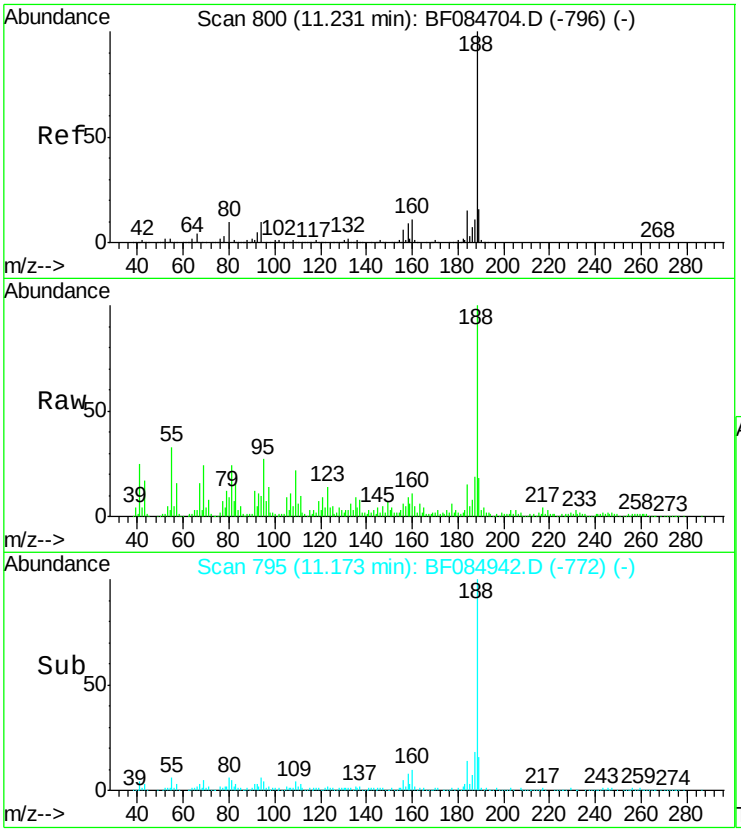


#49
Dimethylphthalate
Concen: 11.88 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:163 Resp: 267159

Ion	Ratio	Lower	Upper
163	100		
194	2.9	8.0	12.0#
164	10.6	8.0	12.0



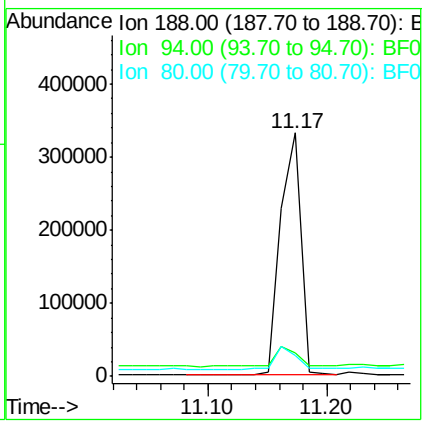


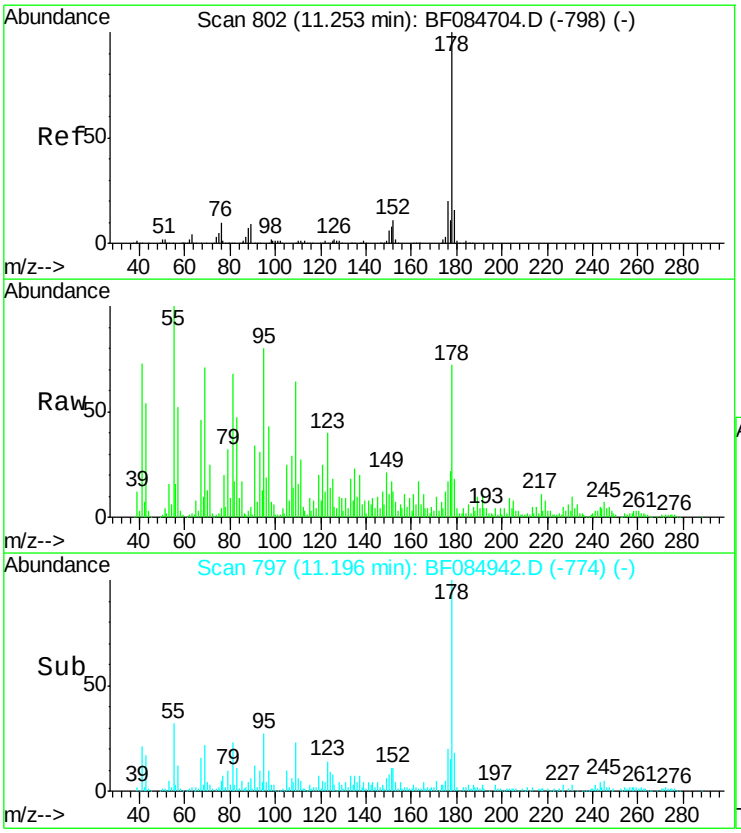
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion:188 Resp: 392574

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	8.8	9.6	14.4#

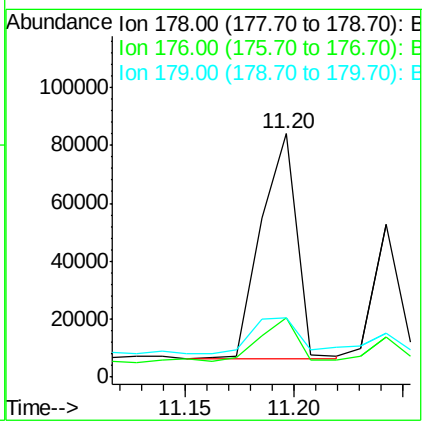


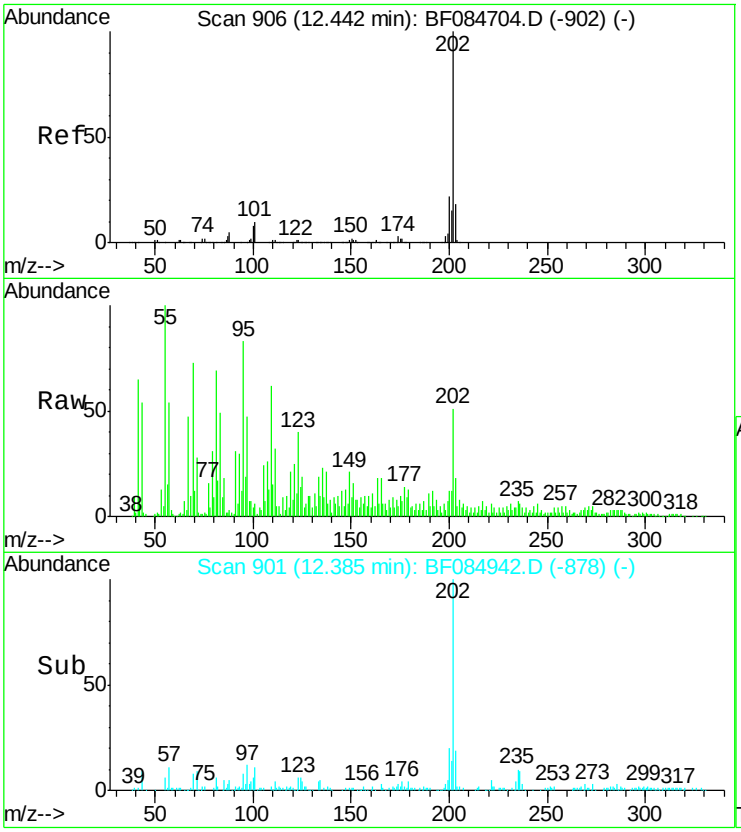


#70
Phenanthrene
Concen: 4.06 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:178 Resp: 88509

Ion	Ratio	Lower	Upper
178	100		
176	24.2	15.3	22.9#
179	24.5	12.0	18.0#



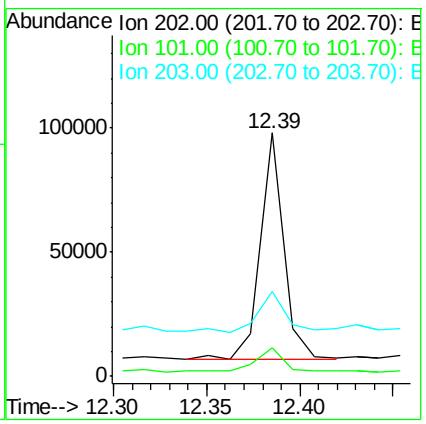


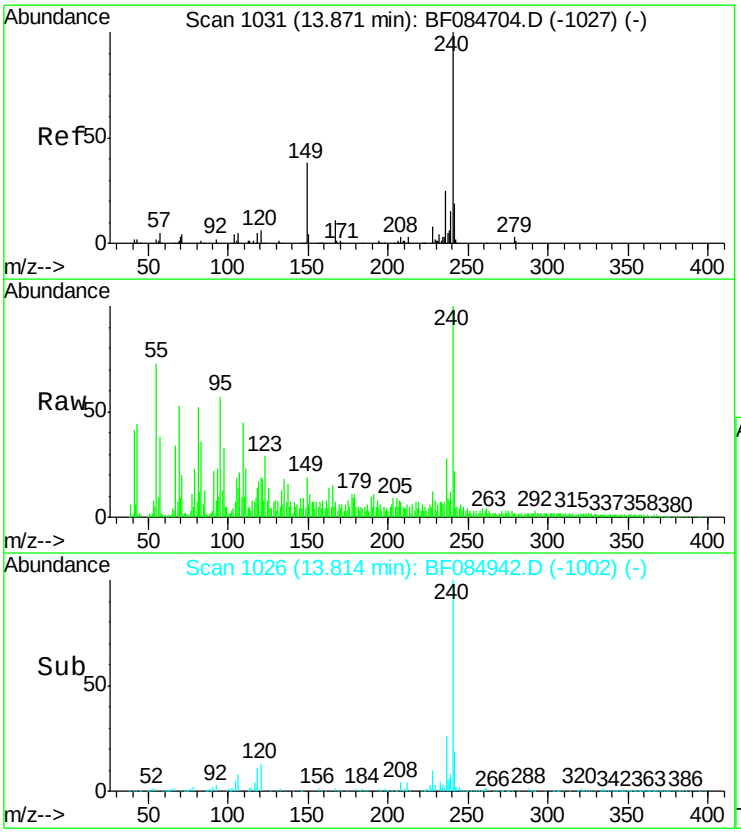
#74
Fluoranthene
Concen: 3.60 ng
RT: 12.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion:202 Resp: 79395

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.8
203	34.7	0.0	37.9

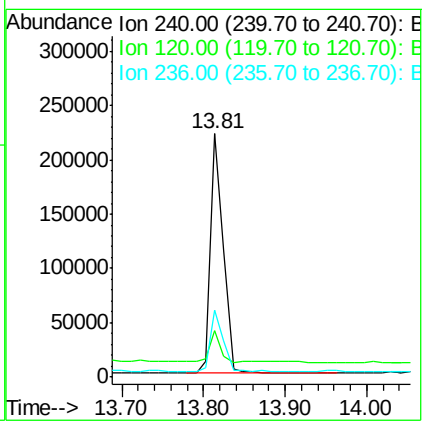


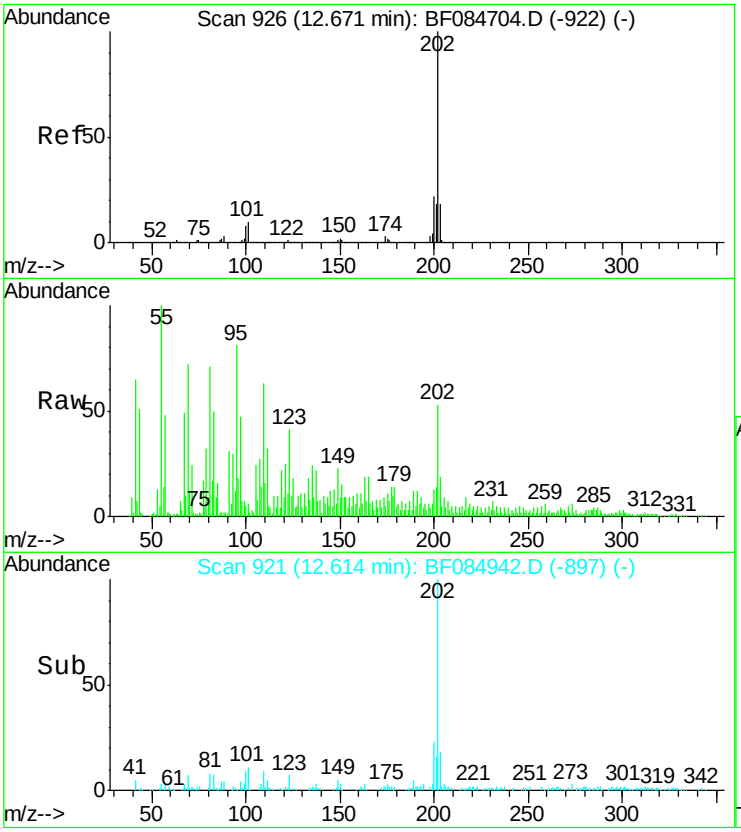


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:240 Resp: 243053

Ion	Ratio	Lower	Upper
240	100		
120	19.1	9.5	14.3#
236	27.5	20.6	31.0



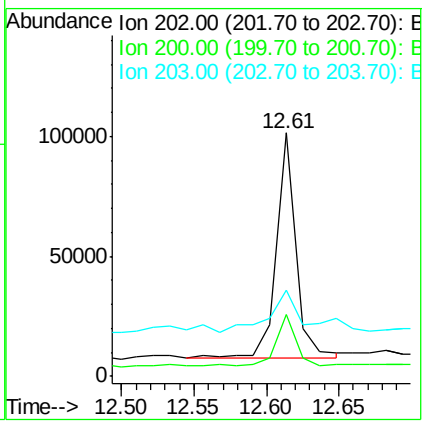


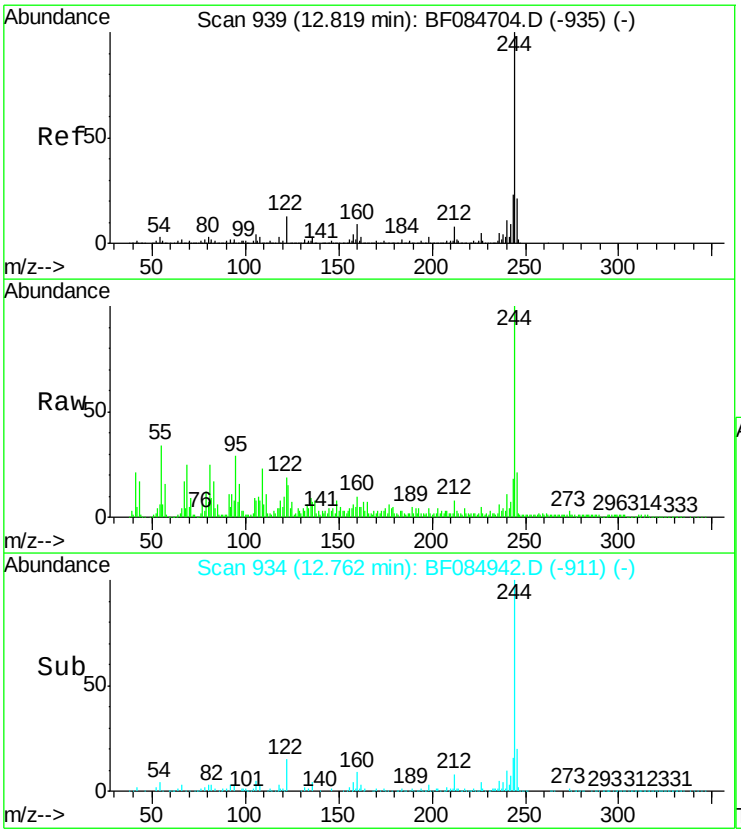
#77
Pyrene
Concen: 4.79 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion:202 Resp: 89138

Ion	Ratio	Lower	Upper
202	100		
200	25.3	17.2	25.8
203	35.2	14.3	21.5#

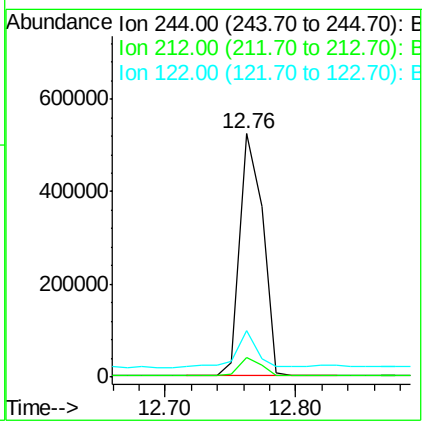


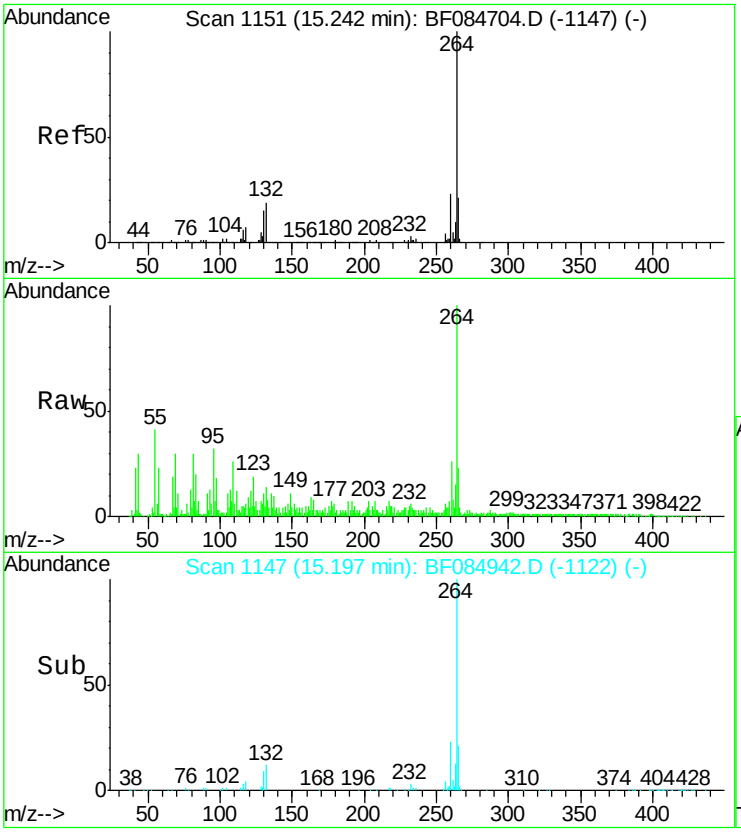


#78
Terphenyl-d14
Concen: 59.08 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:244 Resp: 633698

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	18.9	7.4	11.0#



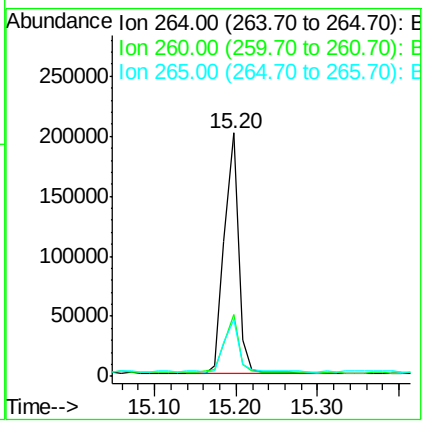


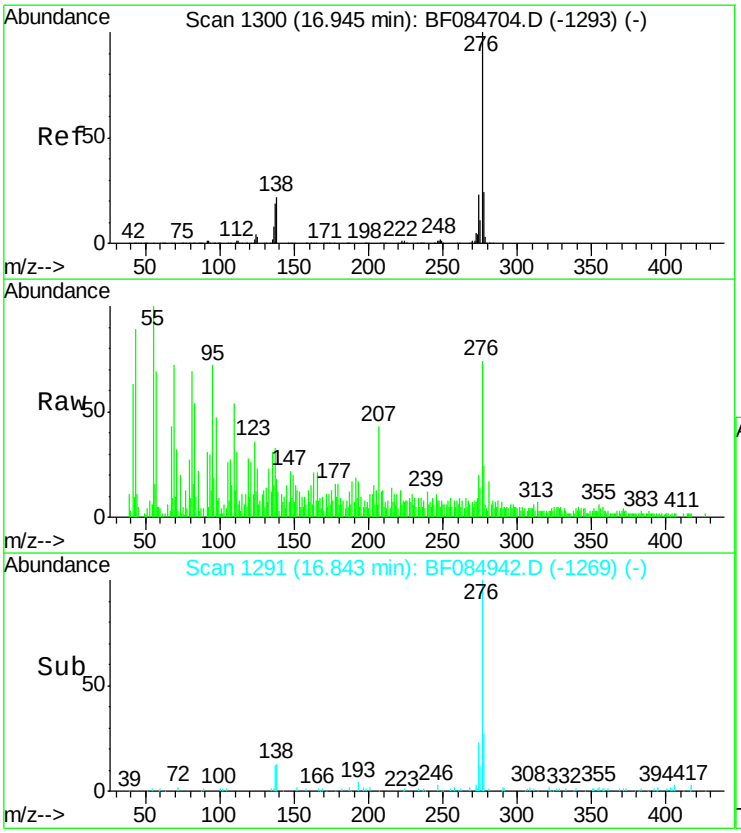
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SW007

Tgt Ion:264 Resp: 241804

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	23.2	17.8	26.6





#91
Benzo(g,h,i)perylene
Concen: 2.31 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF084942.D
Acq: 8 Feb 2016 21:33

Tgt Ion:276 Resp: 27117

Ion	Ratio	Lower	Upper
276	100		
277	32.6	18.8	28.2#
138	24.5	17.8	26.6