Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086270.D
Acq On : 16 Apr 2016 17:13
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-B-2(0-2)

Quant Time: Apr 18 04:12:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	285518	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1147965	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	423837	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	646324	20.00	ng		0.00
75) Chrysene-d12	14.04	240	536494	20.00	ng		-0.01
86) Perylene-d12	15.48	264	477356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	986383	56.60	ng		0.00
7) Phenol-d6	6.51	99	1158370	53.14	ng		-0.01
23) Nitrobenzene-d5	7.45	82	782306	39.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	172683	50.74	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	1036884	45.14	ng		-0.01
78) Terphenyl-d14	13.00	244	662400	31.05	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	99762	7.15	ng	#	80
22) Acetophenone	7.30	105	1206	Below Cal		#	50
49) Dimethylphthalate	9.65	163	224245	7.28	ng		98
56) 2,4-Dinitrotoluene	9.93	165	56086	6.42	ng	#	31
57) Fluorene	10.48	166	7902	Below Cal		#	88
70) Phenanthrene	11.44	178	119368	3.87	ng		98
74) Fluoranthene	12.62	202	254727	4.52	ng		94
77) Pyrene	12.85	202	246567	5.99	ng		97
80) Benzo(a)anthracene	14.04	228	144042	4.89	ng		96
82) Chrysene	14.04	228	144042	4.59	ng		95
85) Indeno(1,2,3-cd)pyrene	16.89	276	57546	2.23	ng		96
87) Benzo(b)fluoranthene	15.07	252	217098	7.37	ng	#	91
88) Benzo(k)fluoranthene	15.07	252	217098	8.08	ng	#	88
89) Benzo(a)pyrene	15.43	252	109241	4.28	ng	#	93
91) Benzo(g,h,i)perylene	17.32	276	56239	2.35	ng	#	93

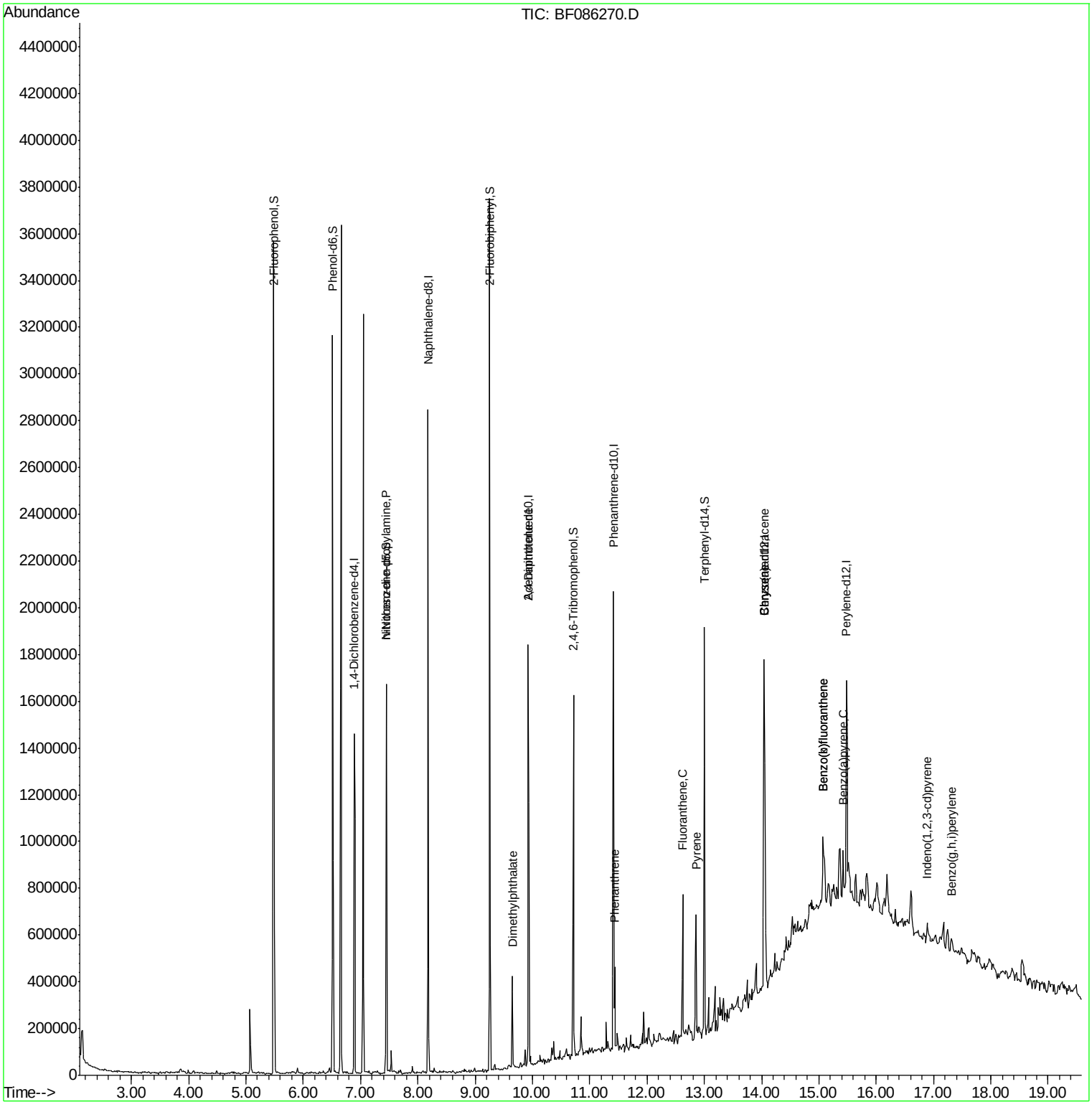
(#) = qualifier out of range (m) = manual integration (+) = signals summed

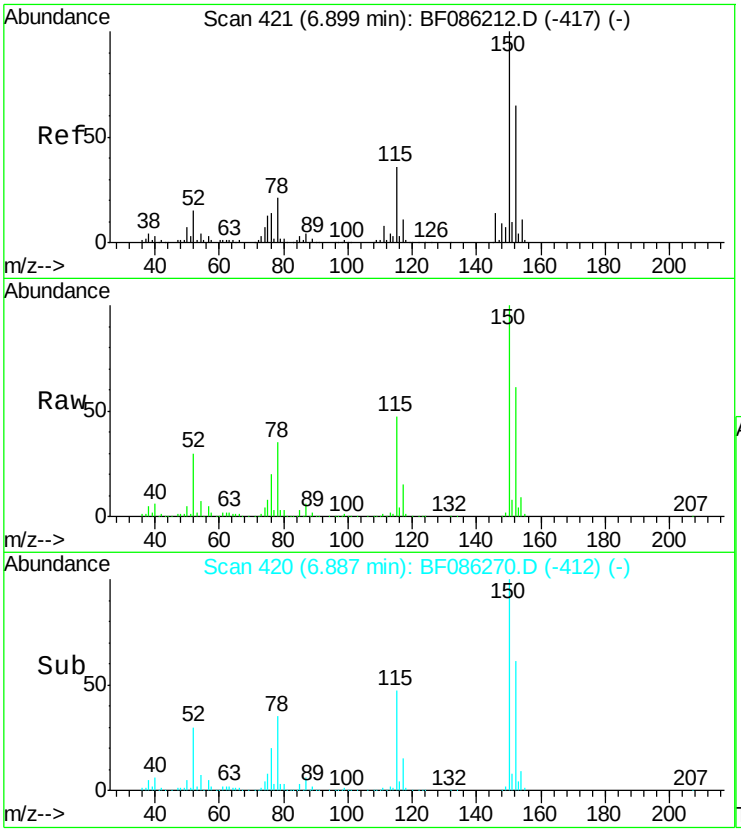
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086270.D
Acq On : 16 Apr 2016 17:13
Operator : UM/SJ
Sample : H2413-02 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Quant Time: Apr 18 04:12:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration



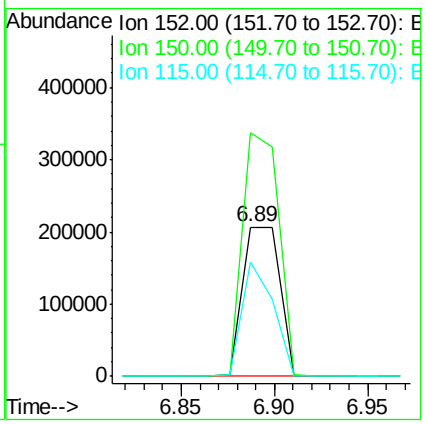


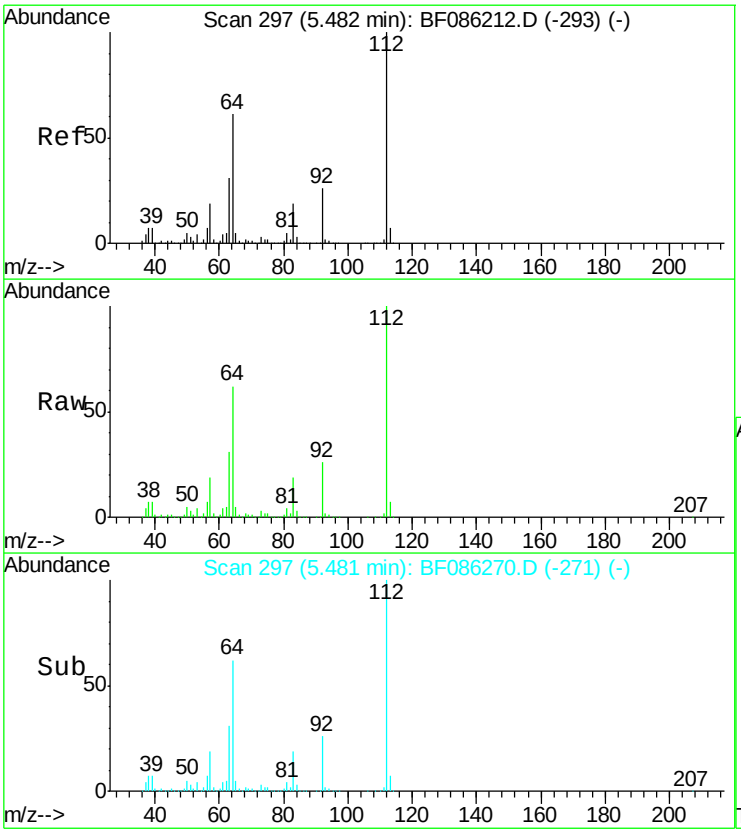
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:152 Resp: 285518

Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.1	186.1
115	76.7	43.9	65.9#

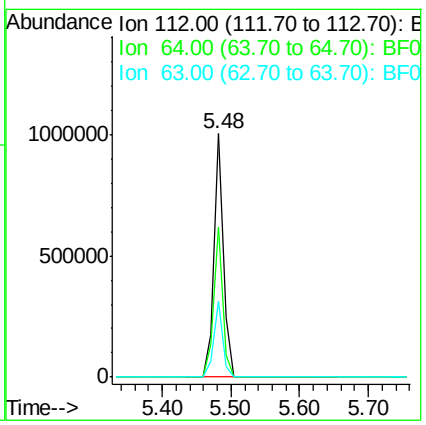


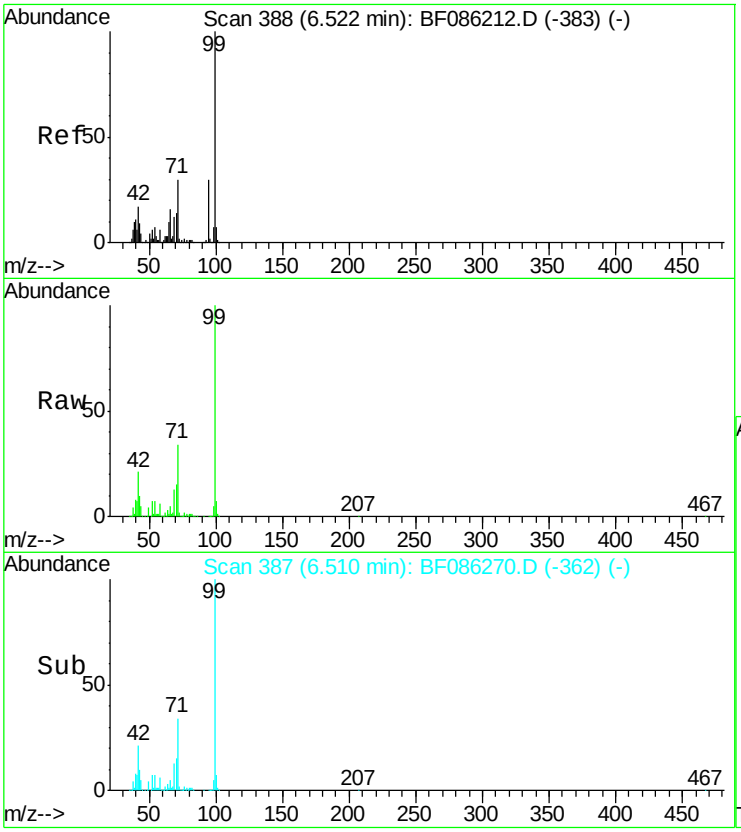


#5
2-Fluorophenol
Concen: 56.60 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:112 Resp: 986383

Ion	Ratio	Lower	Upper
112	100		
64	61.7	48.1	72.1
63	31.1	25.5	38.3



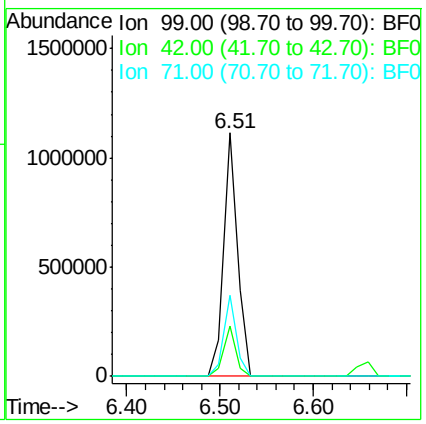


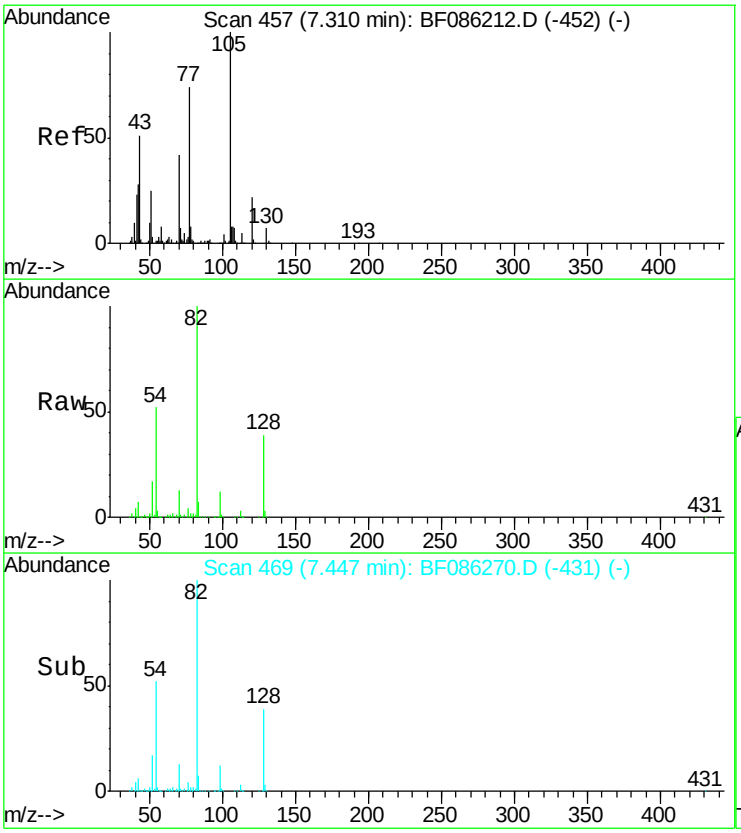
#7
Phenol-d6
Concen: 53.14 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion: 99 Resp: 1158370

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.4	23.2
71	33.5	25.6	38.4

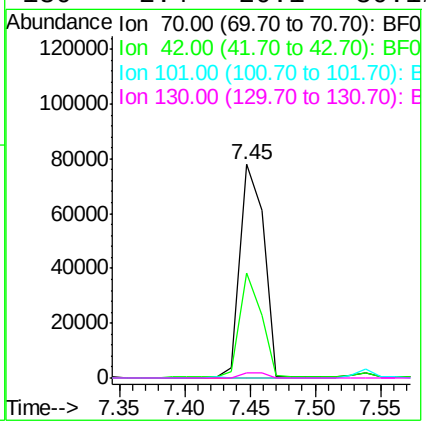


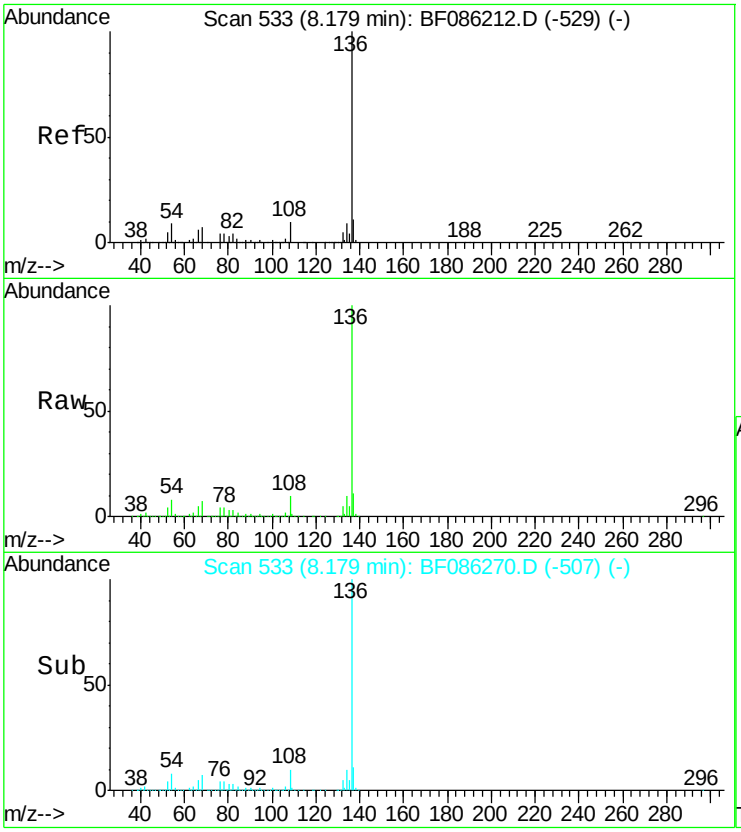


#19
n-Nitroso-di-n-propylamine
Concen: 7.15 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.14 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion: 70 Resp: 99762

Ion	Ratio	Lower	Upper
70	100		
42	48.9	43.0	64.4
101	0.0	8.1	12.1#
130	2.4	20.1	30.1#



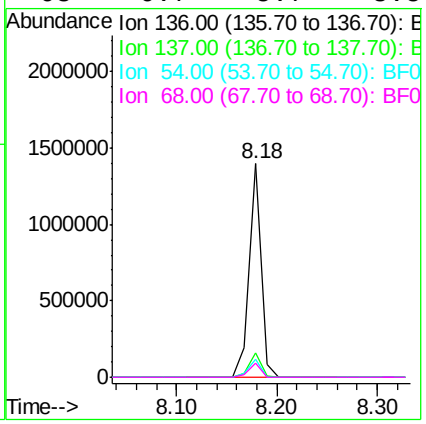


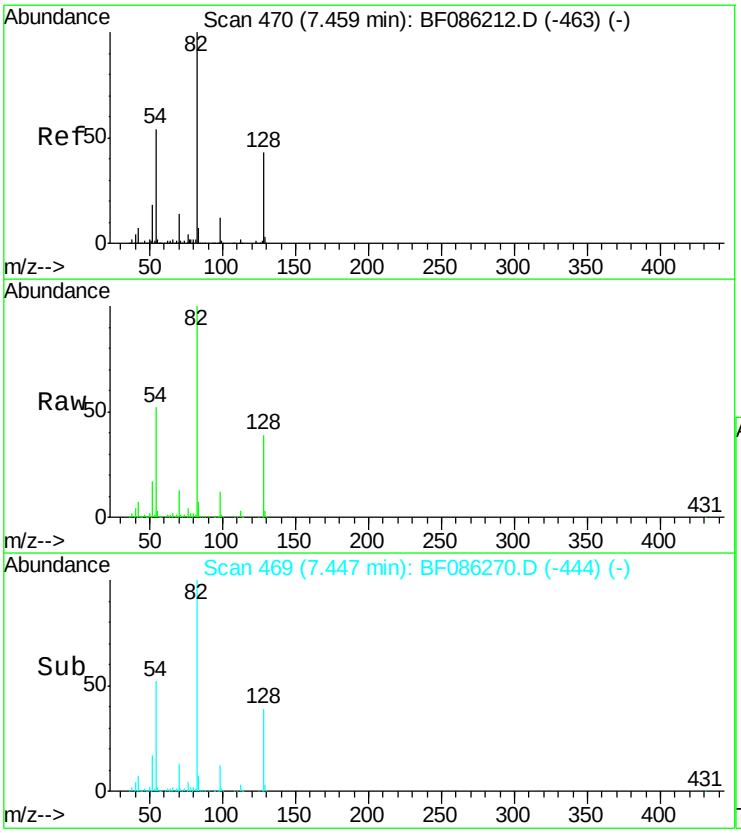
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:136 Resp: 1147965

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	7.3	10.9
68	6.7	5.7	8.5

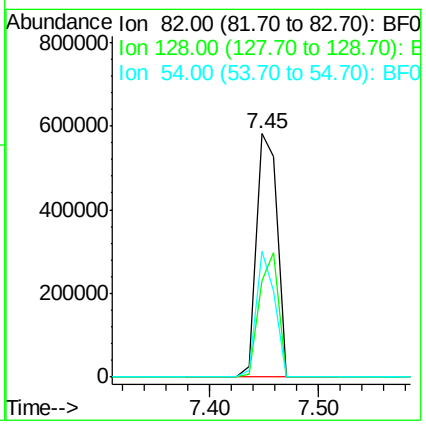


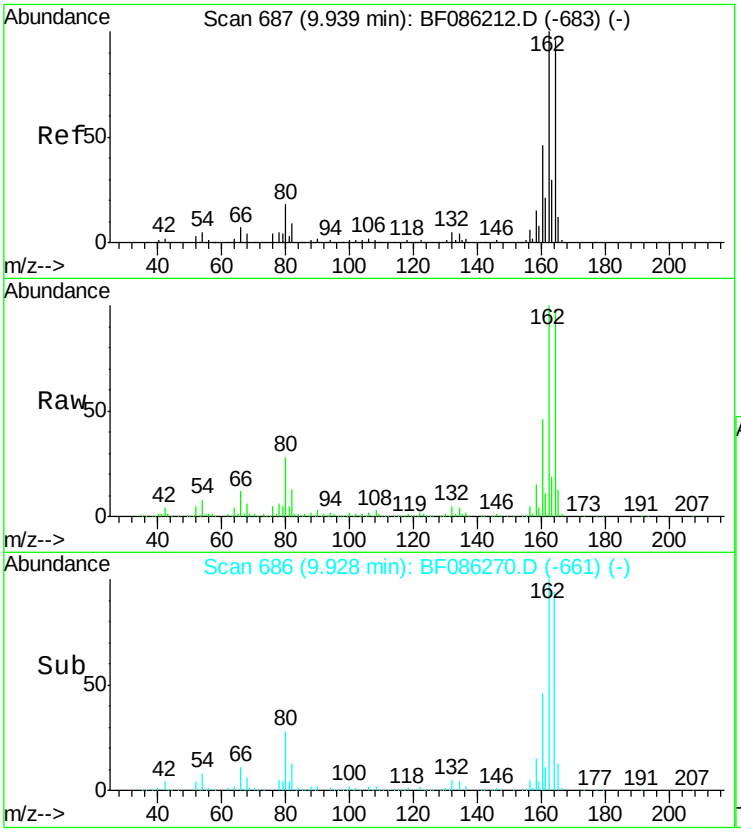


#23
Nitrobenzene-d5
Concen: 39.31 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion: 82 Resp: 782306

Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.4	53.2
54	51.9	43.4	65.0



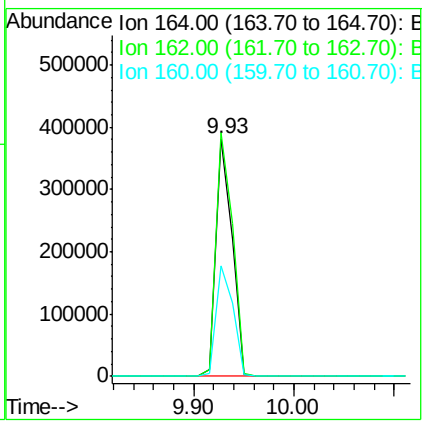


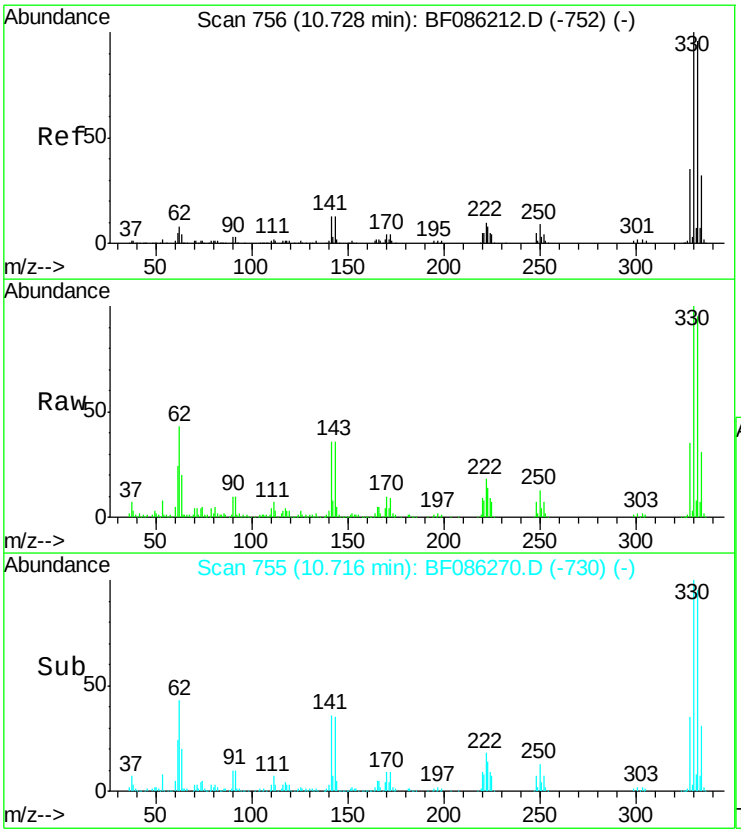
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:164 Resp: 423837

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	46.8	38.9	58.3

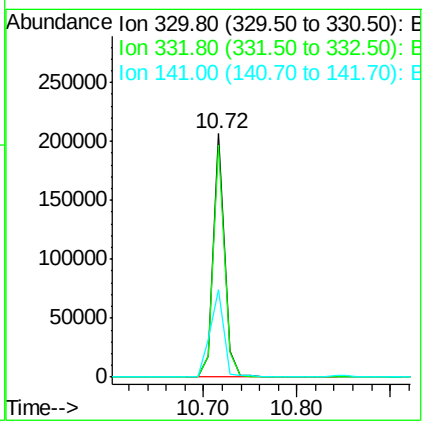


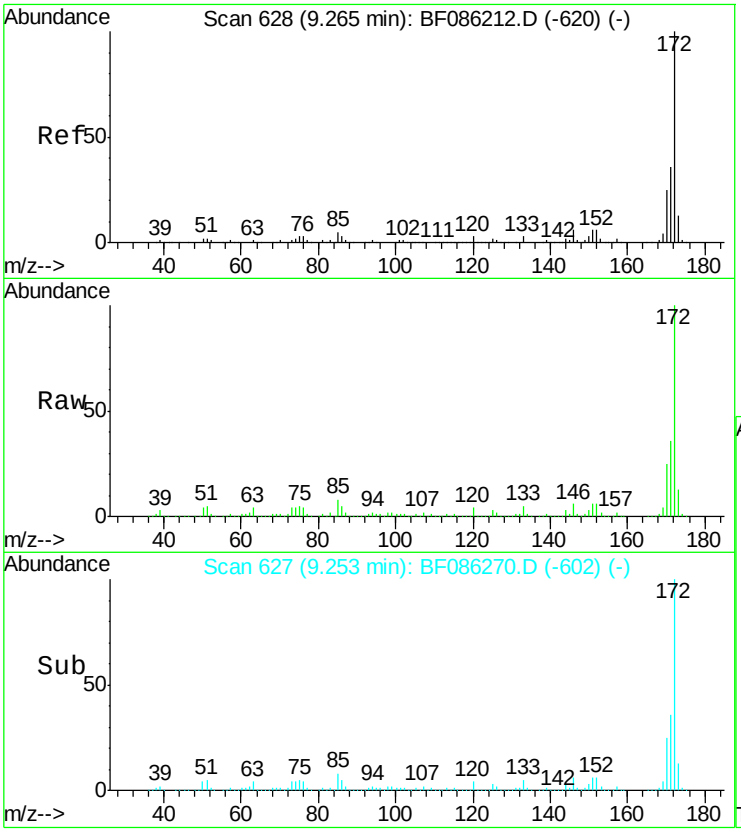


#41
2,4,6-Tribromophenol
Concen: 50.74 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:330 Resp: 172683

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.7	118.1
141	44.3	28.6	42.8#



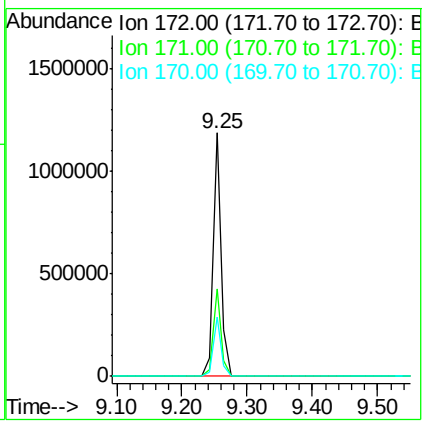


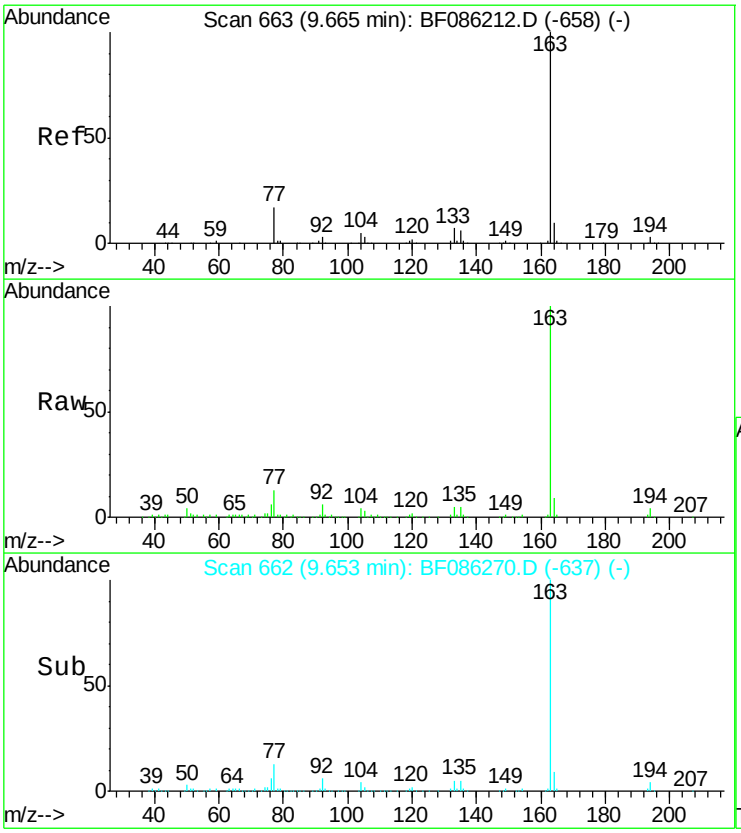
#44
2-Fluorobiphenyl
Concen: 45.14 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:172 Resp: 1036884

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	24.5	19.9	29.9

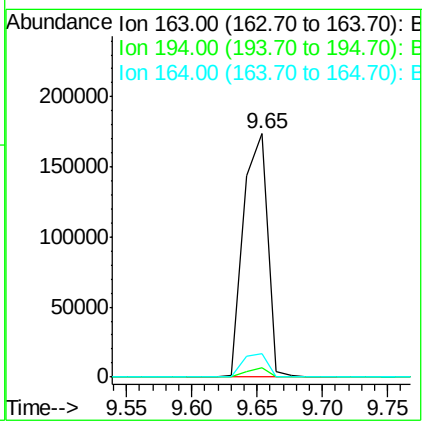


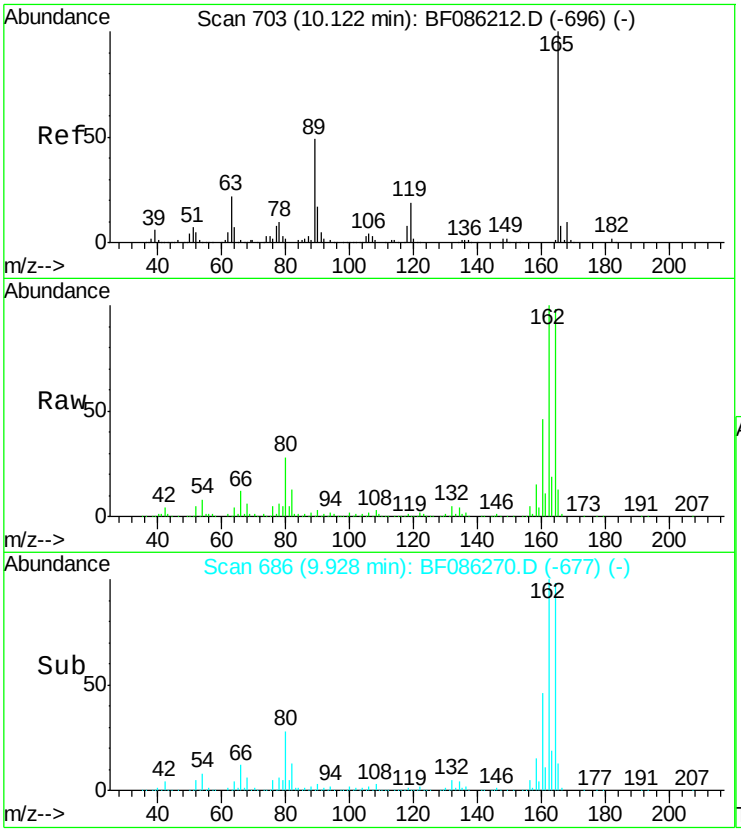


#49
Dimethylphthalate
Concen: 7.28 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:163 Resp: 224245

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.5	8.4	12.6



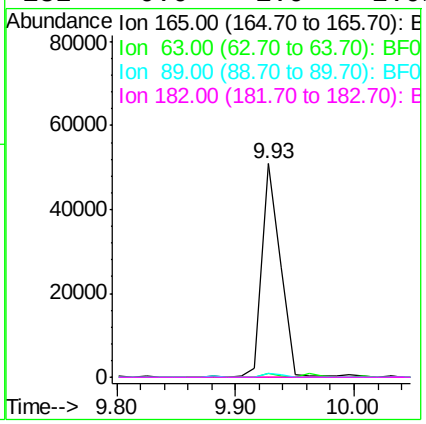


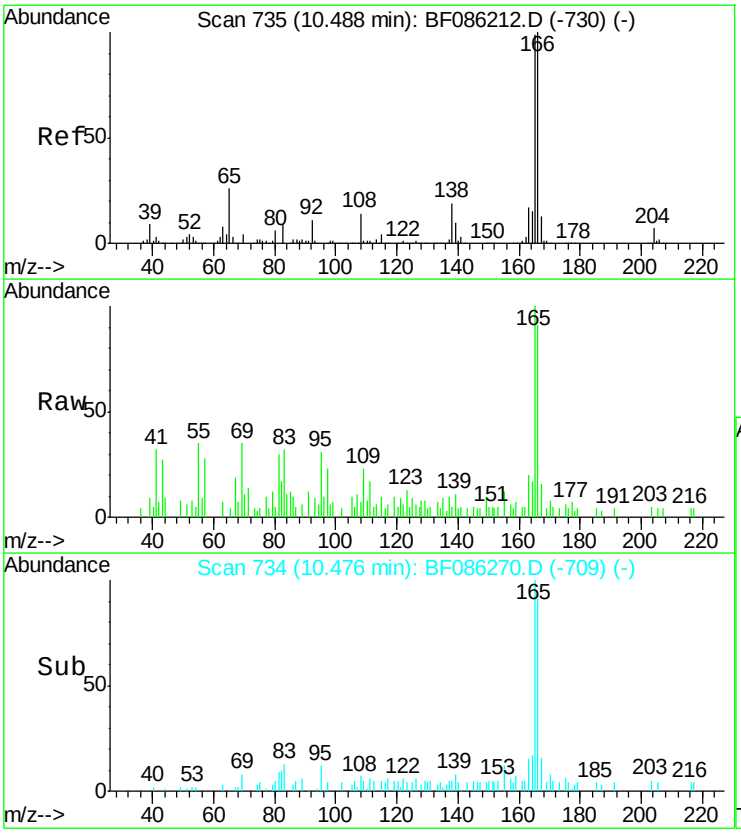
#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:165 Resp: 56086

Ion	Ratio	Lower	Upper
165	100		
63	1.8	26.6	40.0#
89	1.6	49.5	74.3#
182	0.0	1.9	2.9#

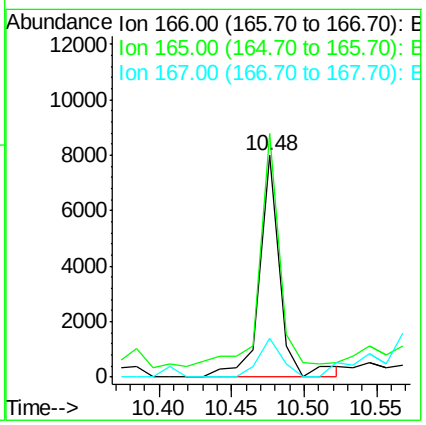


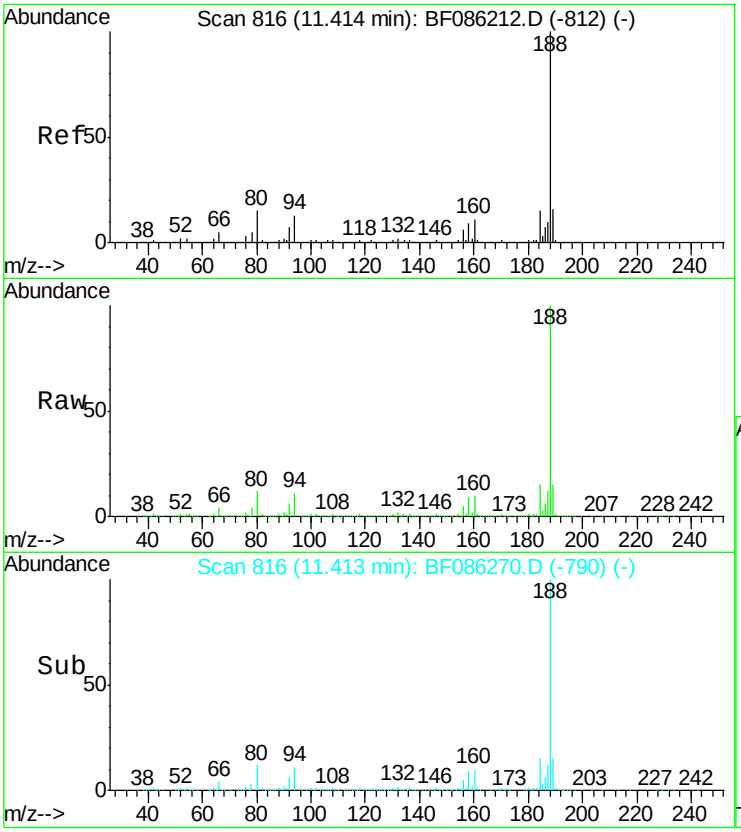


#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:166 Resp: 7902

Ion	Ratio	Lower	Upper
166	100		
165	110.0	78.6	117.8
167	17.3	10.4	15.6#



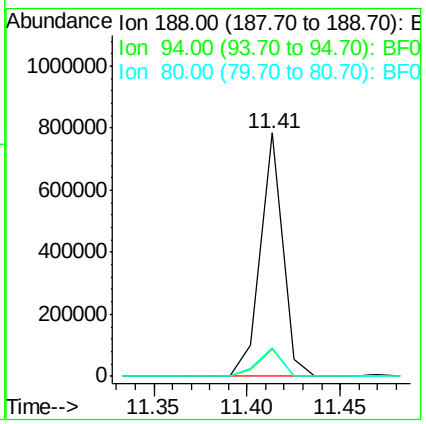


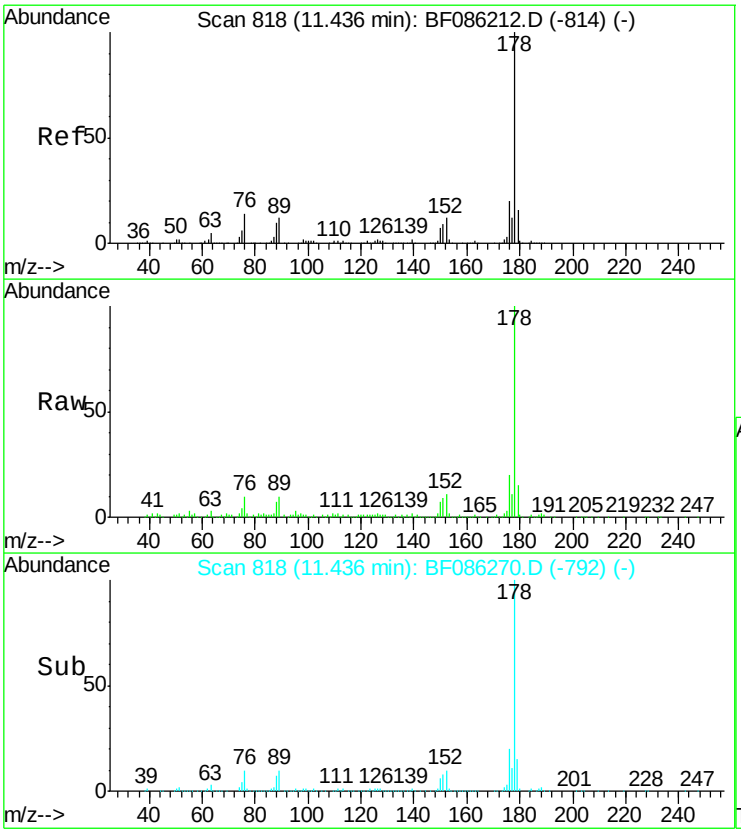
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:188 Resp: 646324

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.8	14.8
80	11.7	10.5	15.7

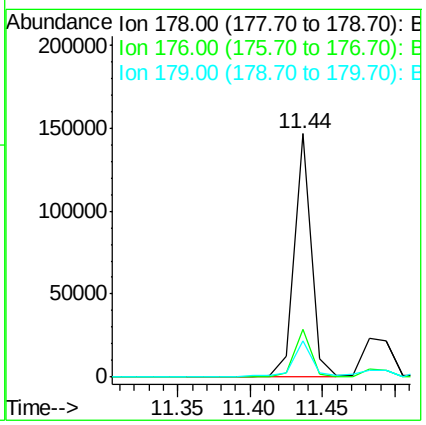


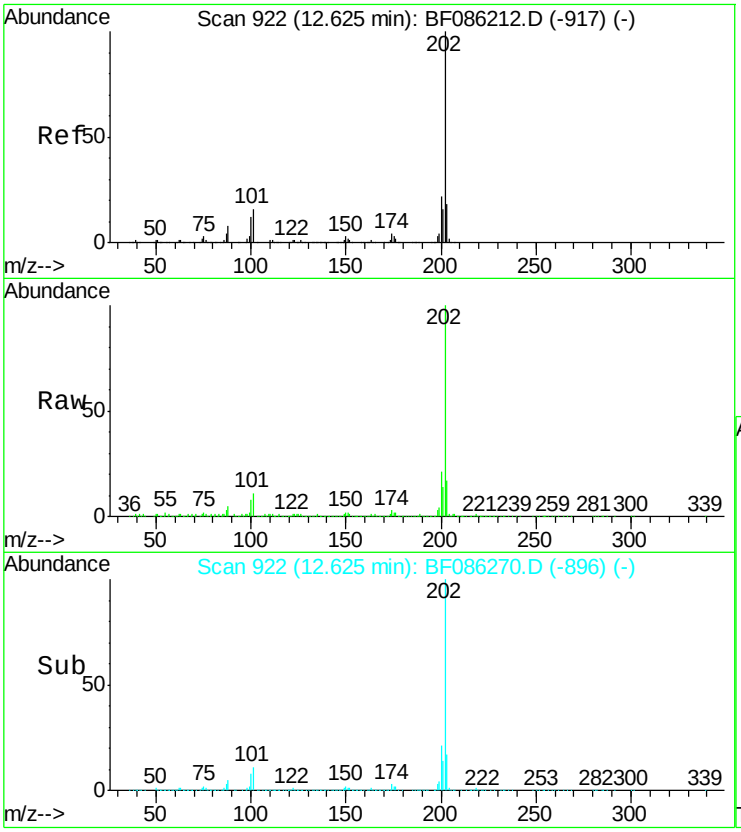


#70
Phenanthrene
Concen: 3.87 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:178 Resp: 119368

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.0	13.0	19.6



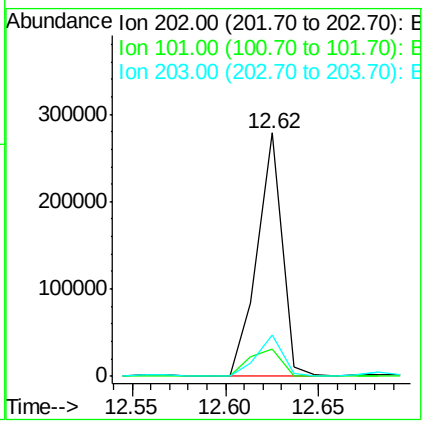


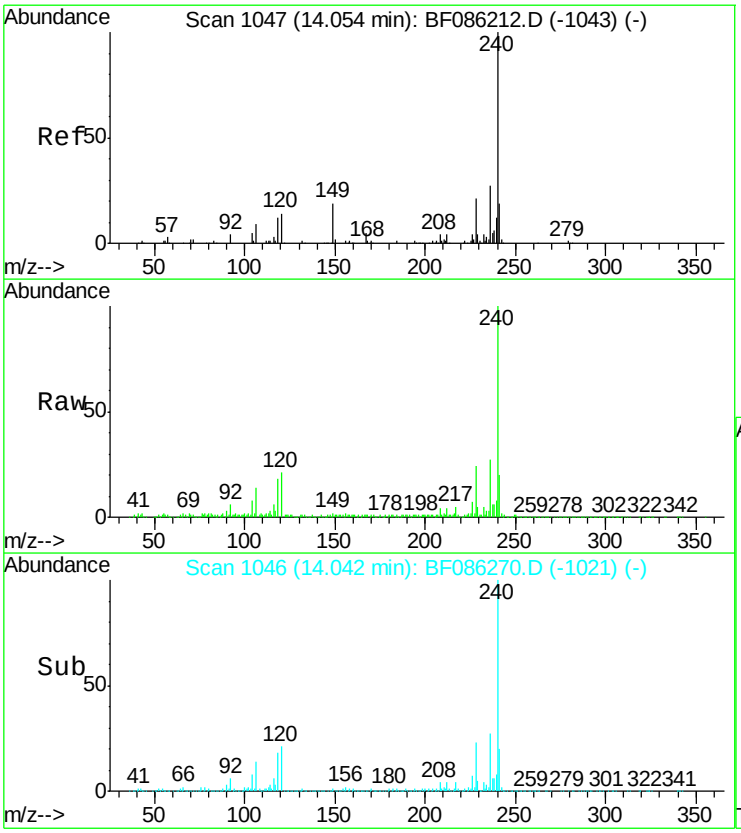
#74
Fluoranthene
Concen: 4.52 ng
RT: 12.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:202 Resp: 254727

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	35.2
203	17.0	0.0	38.2

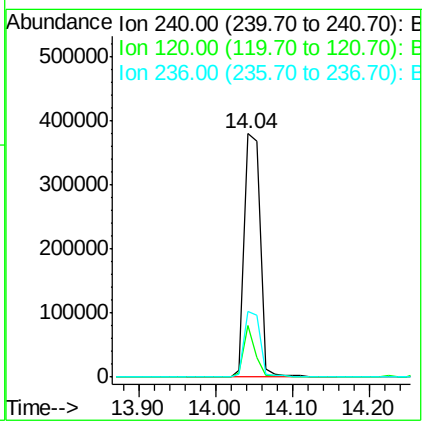


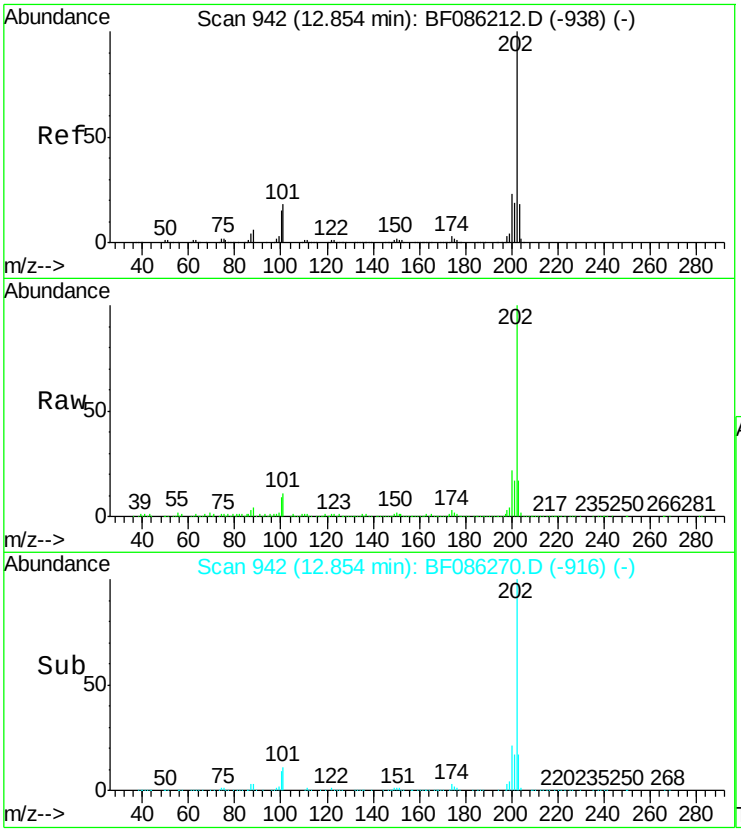


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:240 Resp: 536494

Ion	Ratio	Lower	Upper
240	100		
120	21.5	9.3	13.9#
236	27.1	21.1	31.7



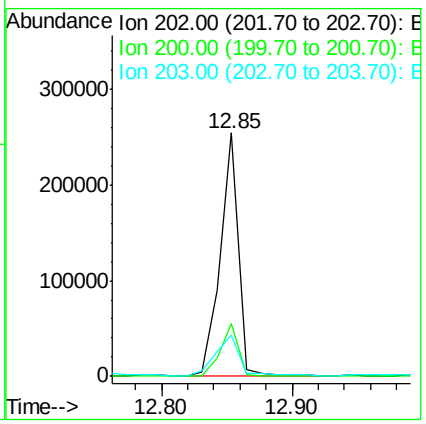


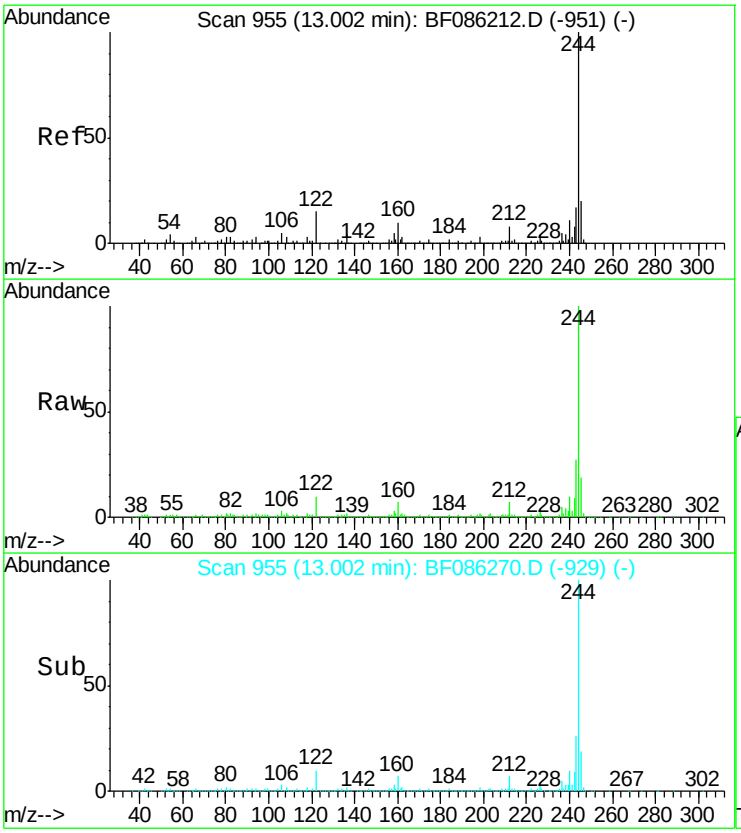
#77
Pyrene
Concen: 5.99 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:202 Resp: 246567

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.3	27.5
203	17.2	14.9	22.3

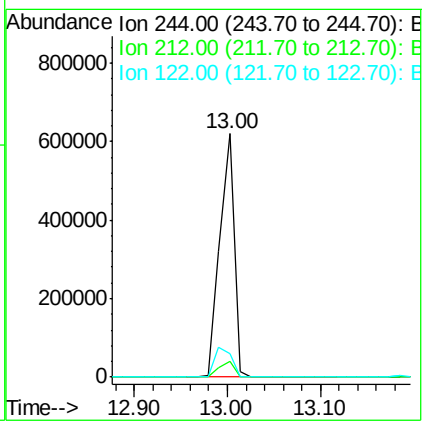


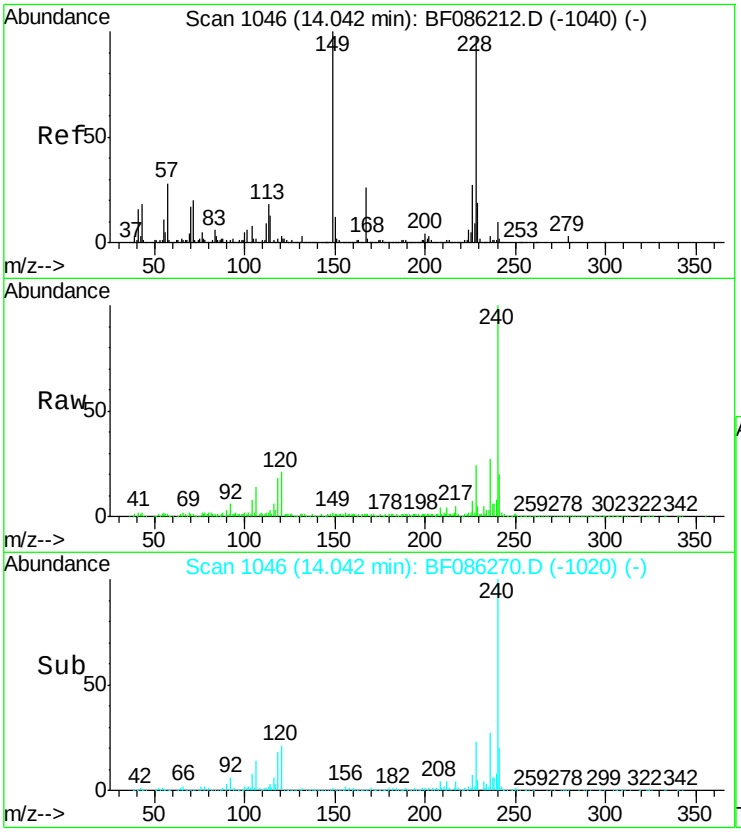


#78
Terphenyl-d14
Concen: 31.05 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:244 Resp: 662400

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.4	9.6
122	9.6	11.7	17.5#



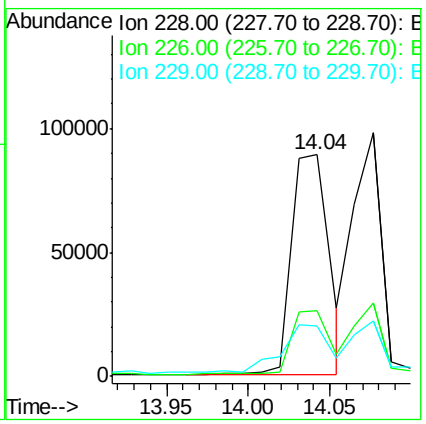


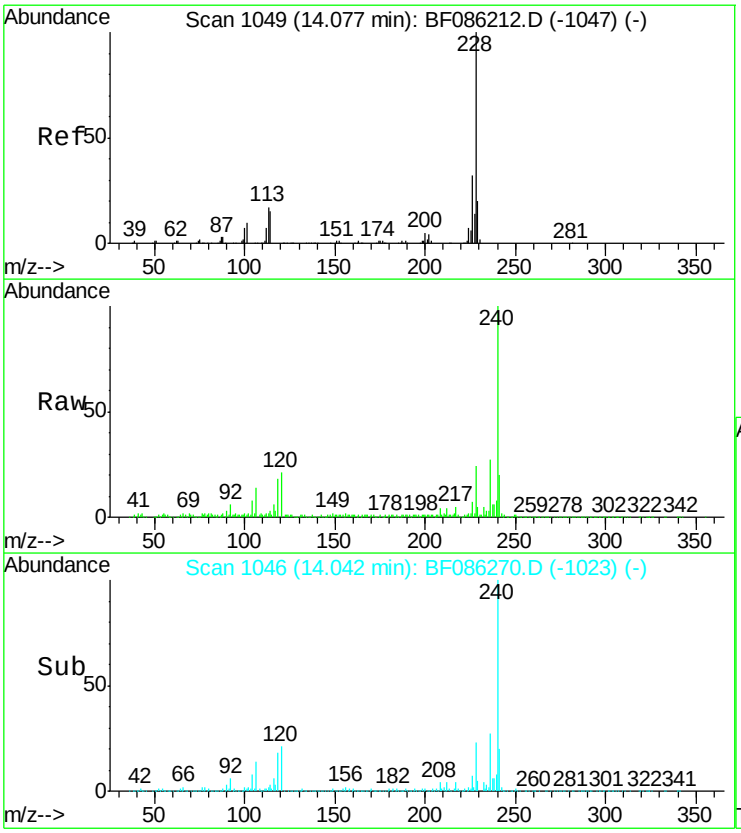
#80
Benzo(a)anthracene
Concen: 4.89 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:228 Resp: 144042

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.5	33.7
229	23.0	16.2	24.2

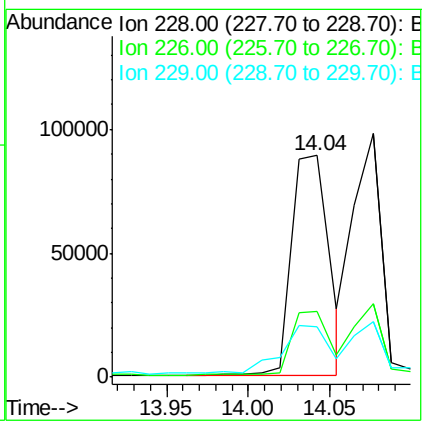


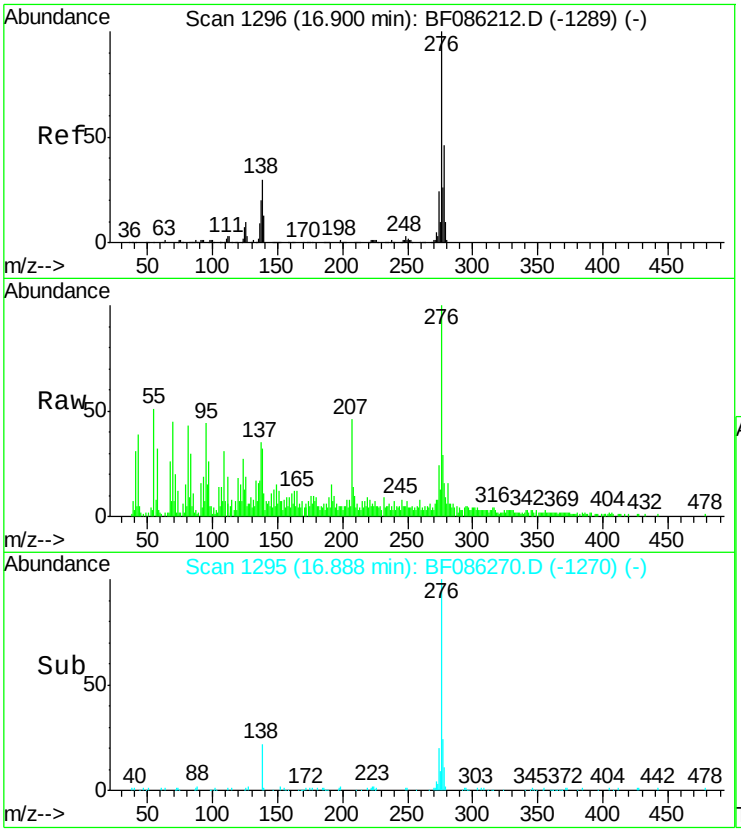


#82
Chrysene
Concen: 4.59 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:228 Resp: 144042

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.4	38.2
229	23.0	16.5	24.7



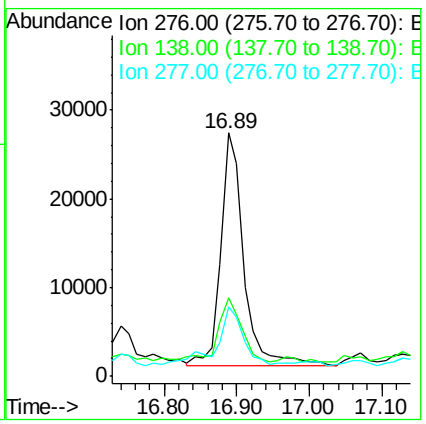


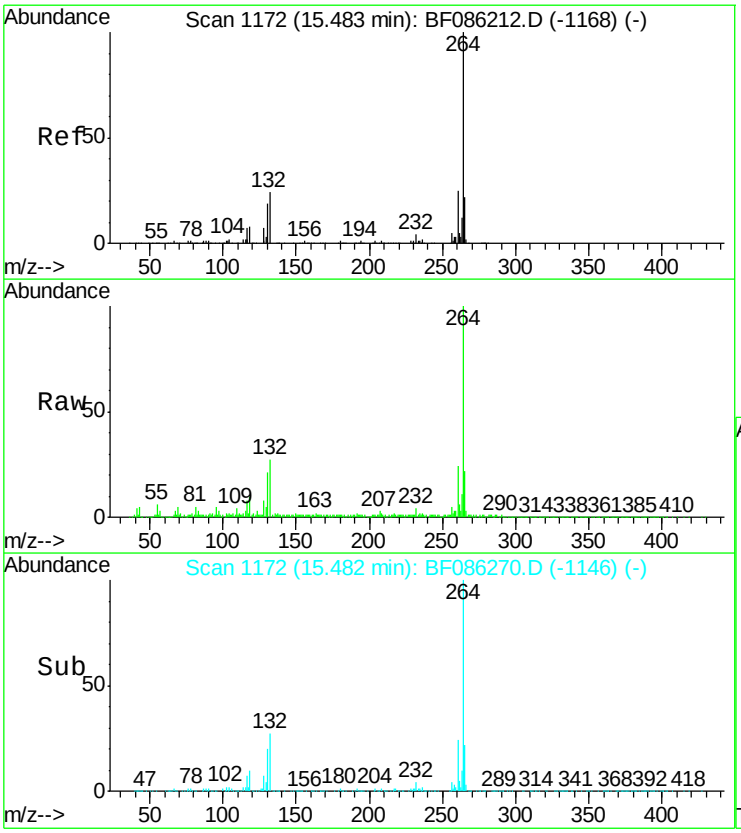
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.23 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:276 Resp: 57546

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.8	35.6
277	28.2	20.2	30.2

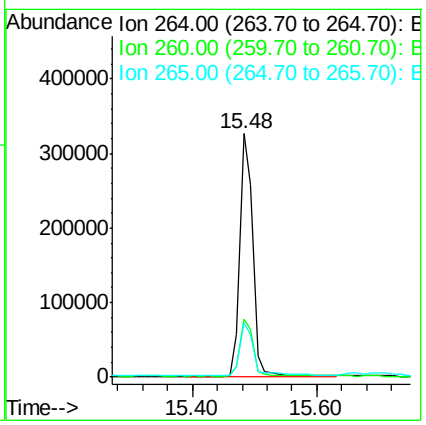


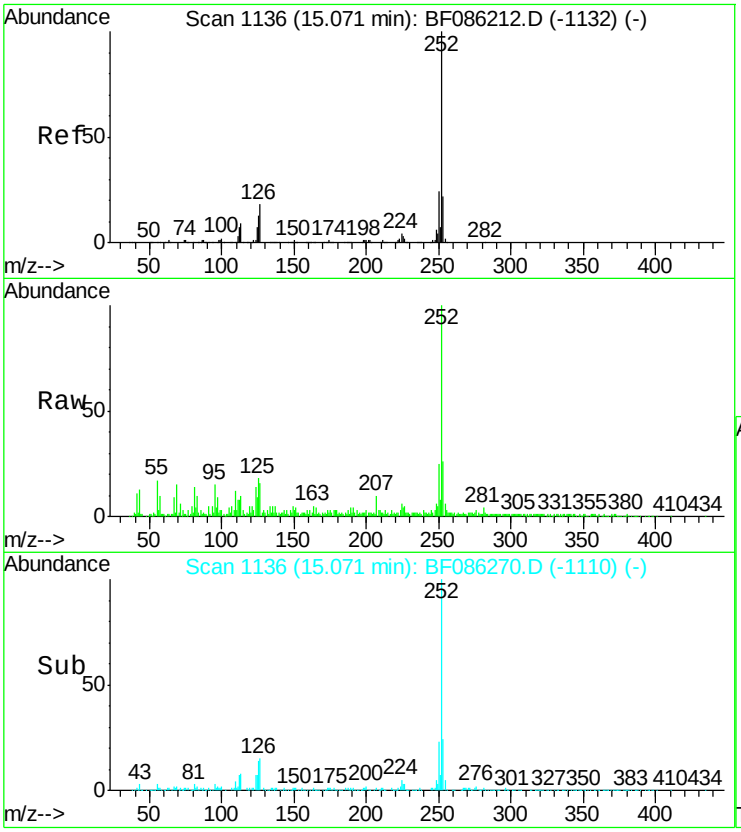


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:264 Resp: 477356

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.5	17.4	26.0



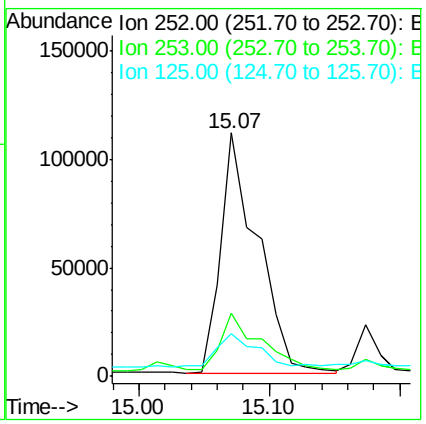


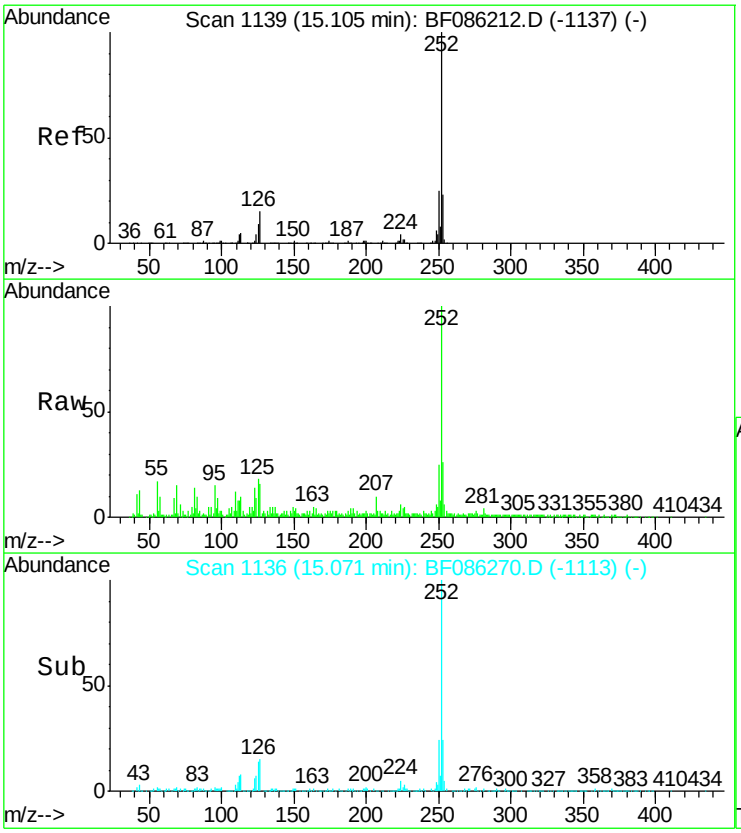
#87
Benzo(b)fluoranthene
Concen: 7.37 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:252 Resp: 217098

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.7	26.5
125	17.5	10.3	15.5#

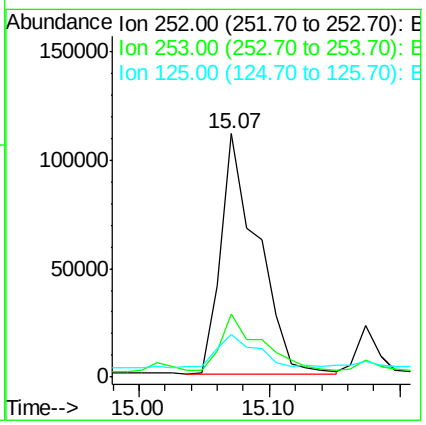


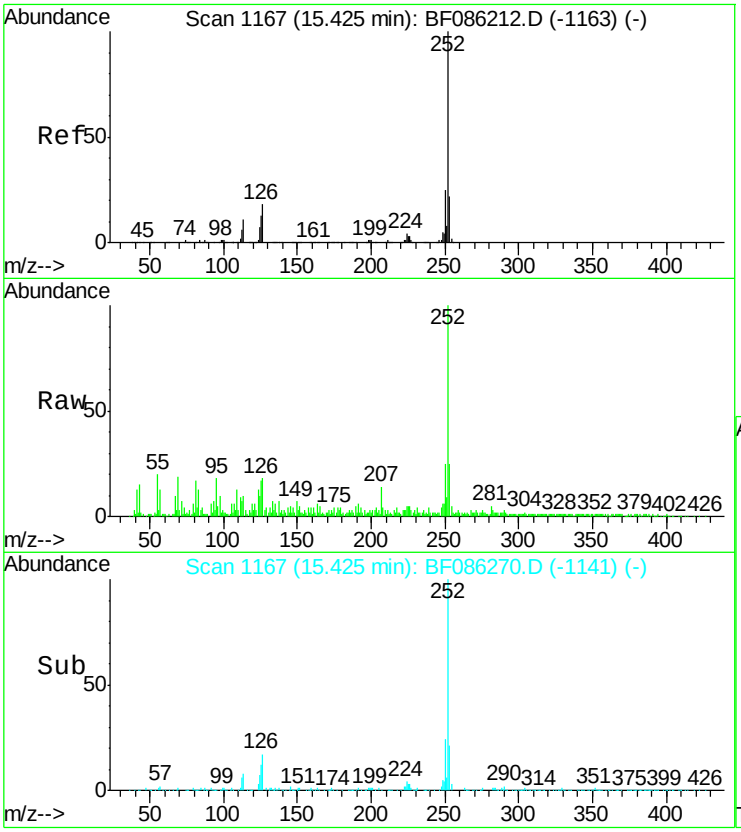


#88
Benzo(k)fluoranthene
Concen: 8.08 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:252 Resp: 217098

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	17.5	7.8	11.6#



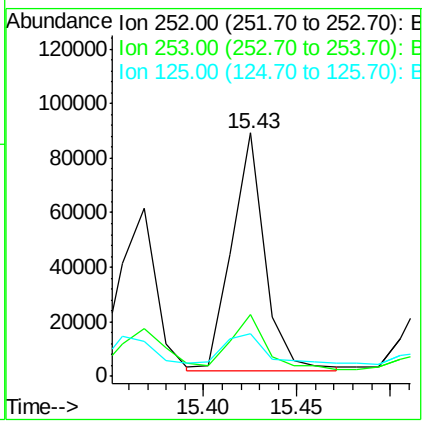


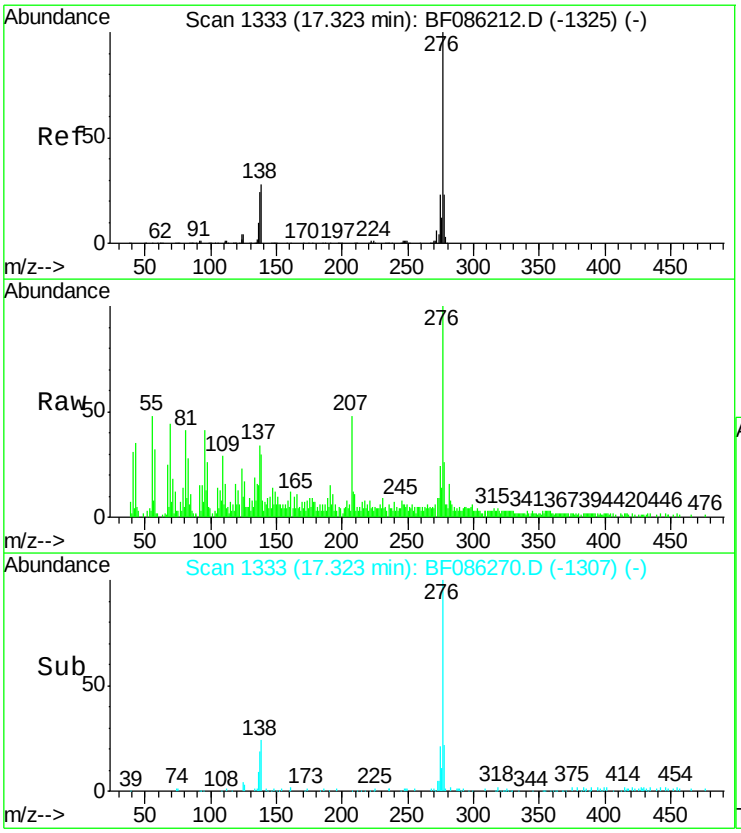
#89
Benzo(a)pyrene
Concen: 4.28 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SP-2-B-2(0-2)

Tgt Ion:252 Resp: 109241

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	17.4	11.2	16.8#





#91
Benzo(g,h,i)perylene
Concen: 2.35 ng
RT: 17.32 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF086270.D
Acq: 16 Apr 2016 17:13

Tgt Ion:276 Resp: 56239

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.0	28.6
138	29.9	19.6	29.4#