Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084686.D
Acq On : 30 Jan 2016 15:17
Operator : SJ/IZ
Sample : H1273-07 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(15-16)

Quant Time: Feb 01 02:53:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185335	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	707173	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	298063	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	490556	20.00	ng	0.00
75) Chrysene-d12	13.87	240	370752	20.00	ng	0.00
86) Perylene-d12	15.27	264	391604	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	284152	23.14	ng	0.01
7) Phenol-d6	6.37	99	367841	25.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	218669	17.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	57909	18.54	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	333168	16.61	ng	0.00
78) Terphenyl-d14	12.83	244	200398	12.21	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	69942	3.13	ng	# 91
70) Phenanthrene	11.26	178	74775	2.76	ng	99
74) Fluoranthene	12.45	202	96707	3.61	ng	94
77) Pyrene	12.67	202	90892	3.25	ng	98
80) Benzo(a)anthracene	13.86	228	52935	2.29	ng	98

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

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SUP-B010(15-16)

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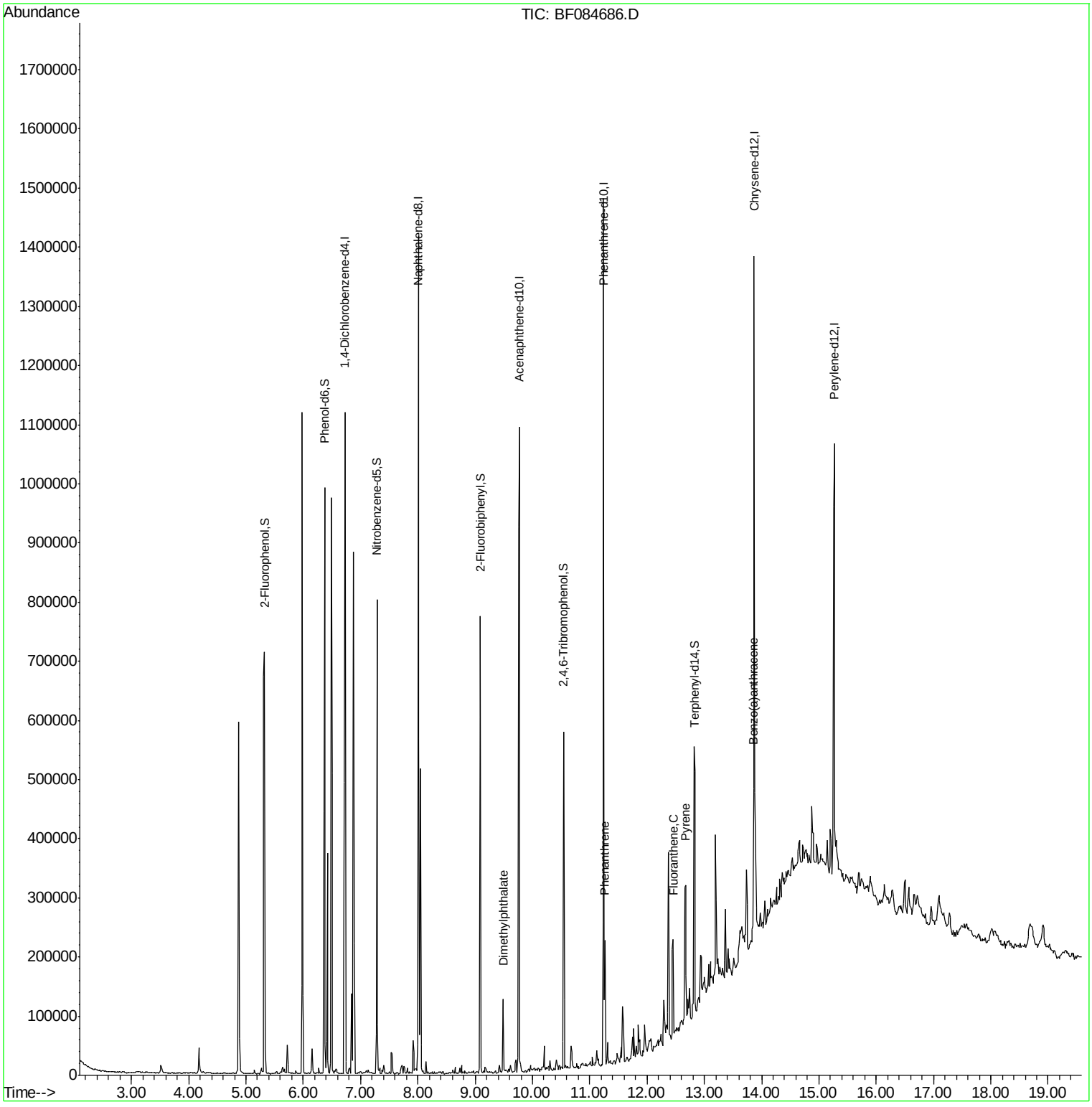
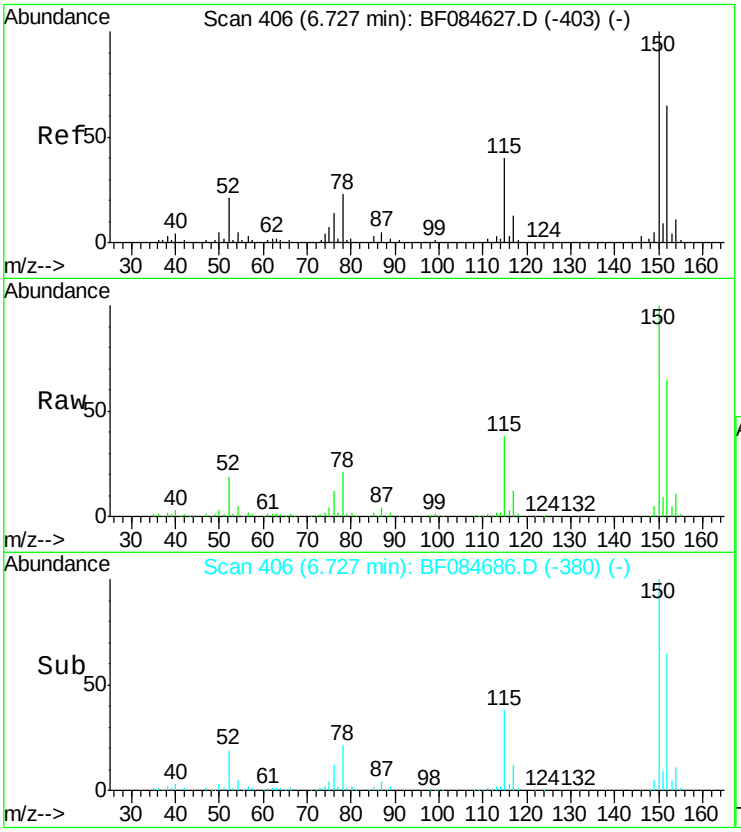


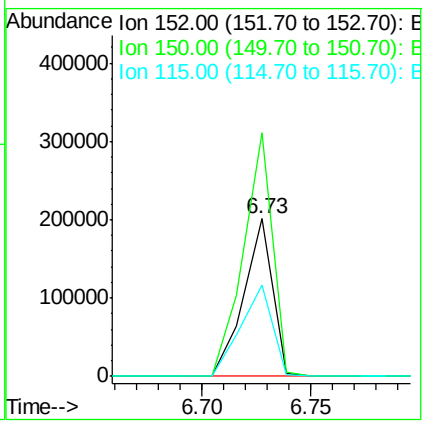


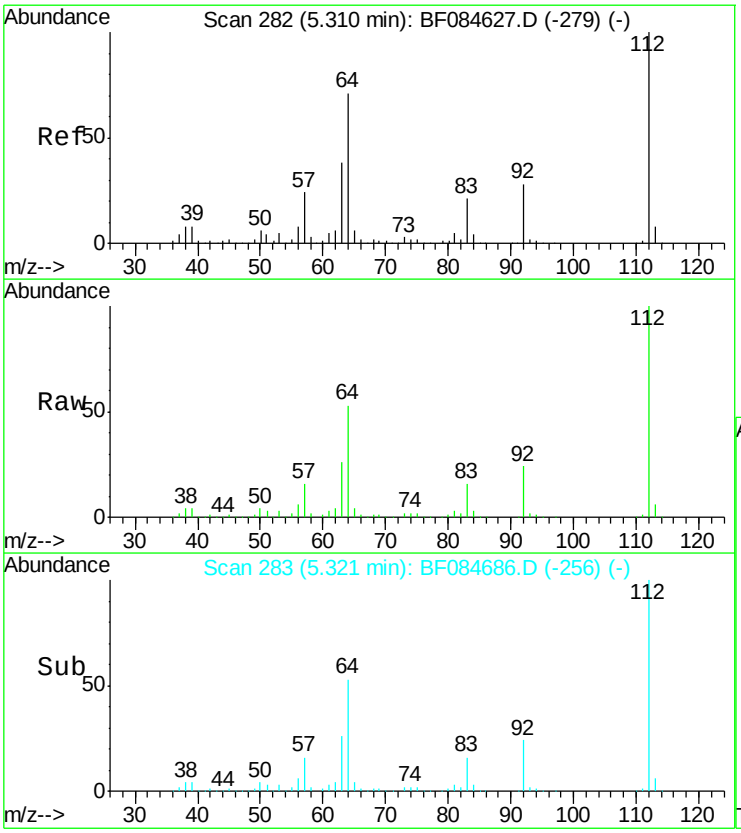
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion:152 Resp: 185335

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.0	184.4
115	58.2	51.4	77.2

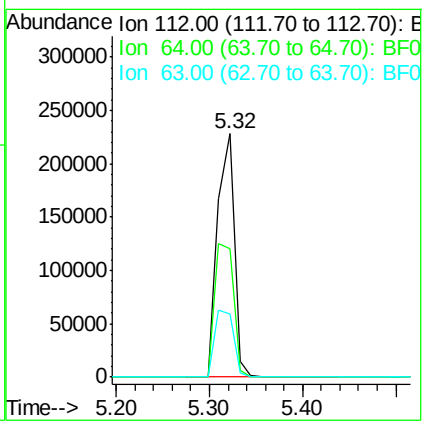


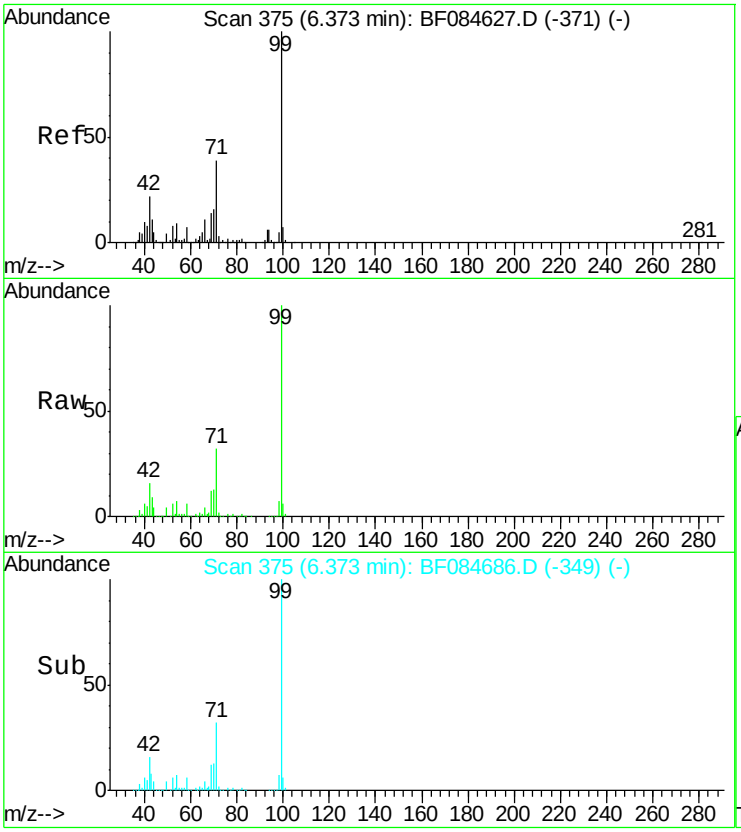


#5
2-Fluorophenol
Concen: 23.14 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion:112 Resp: 284152

Ion	Ratio	Lower	Upper
112	100		
64	52.7	36.6	55.0
63	26.0	19.4	29.0



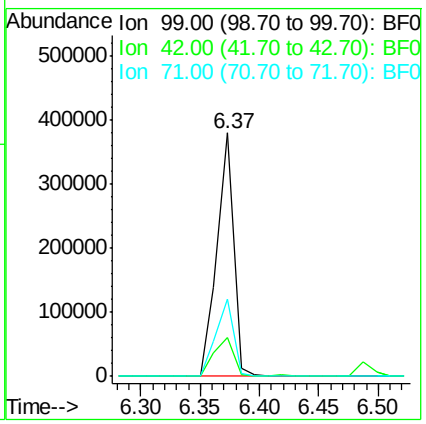


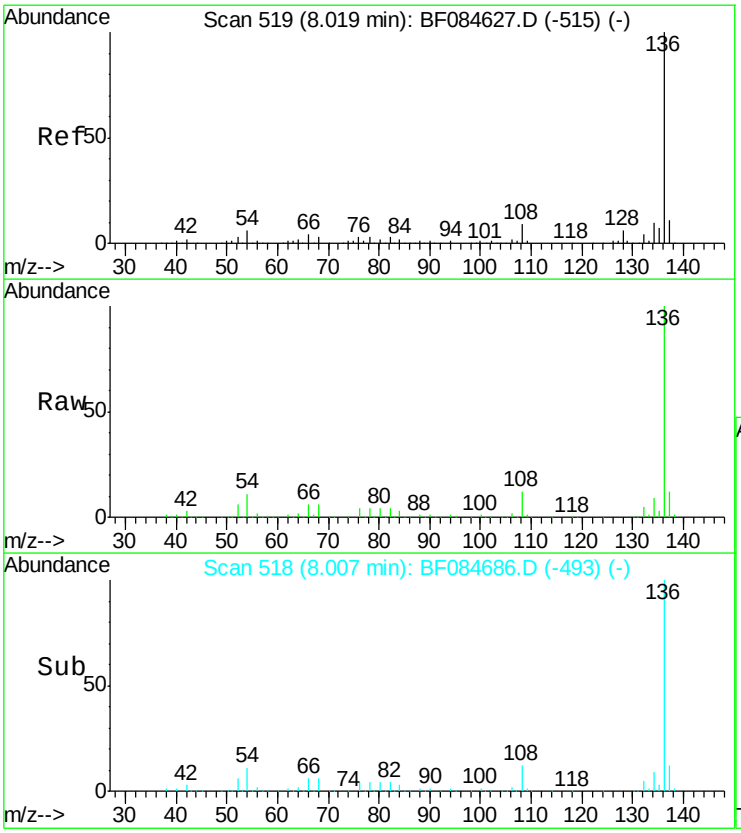
#7
Phenol-d6
Concen: 25.00 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion: 99 Resp: 367841

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.8	19.2
71	31.9	30.9	46.3

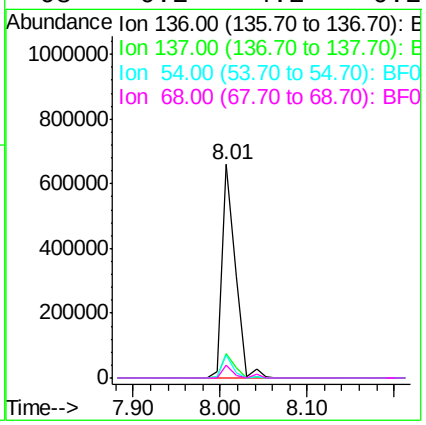


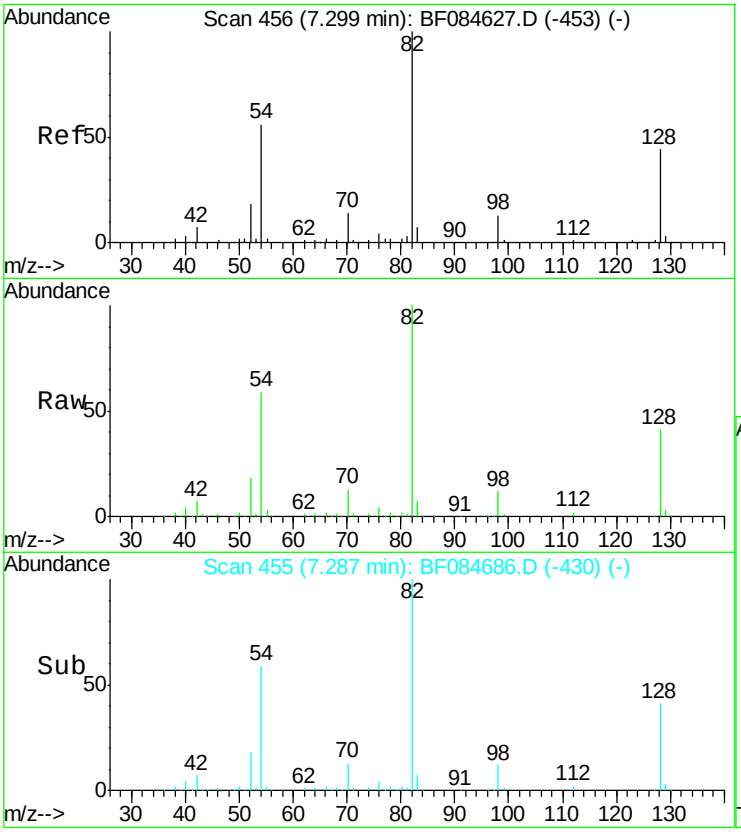


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion:136 Resp: 707173

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.6	5.8	8.8#
68	6.2	4.2	6.2



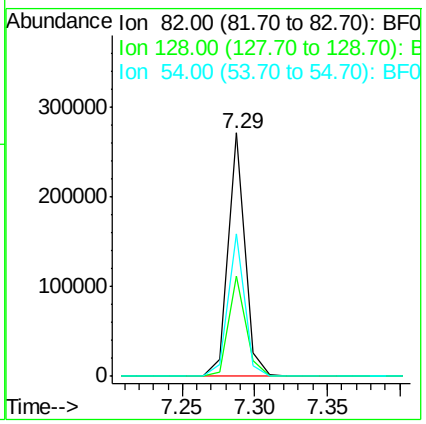


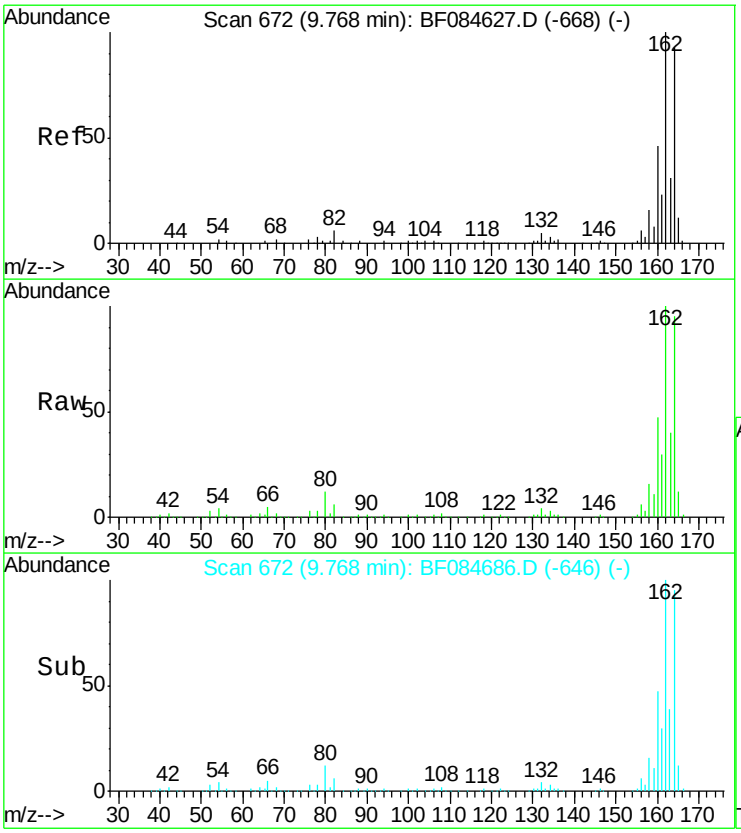
#23
Nitrobenzene-d5
Concen: 17.28 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion: 82 Resp: 218669

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	51.8
54	58.6	38.4	57.6#

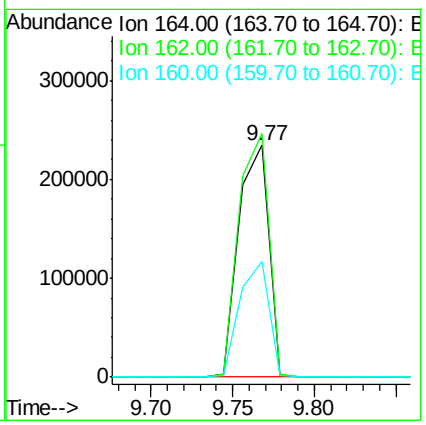


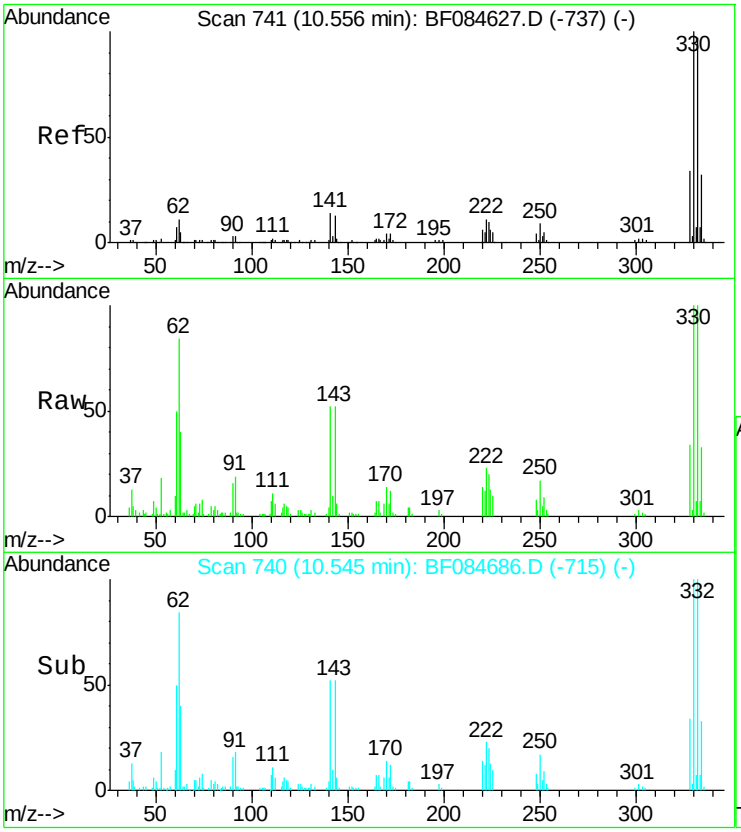


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion:164 Resp: 298063

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	49.7	37.5	56.3



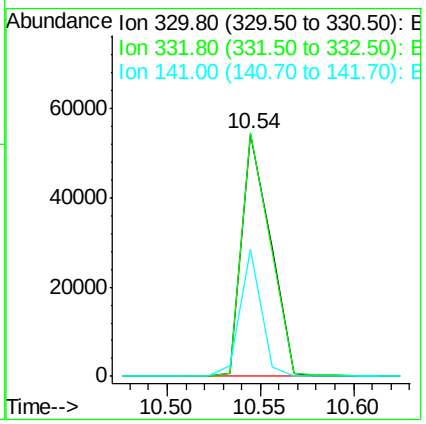


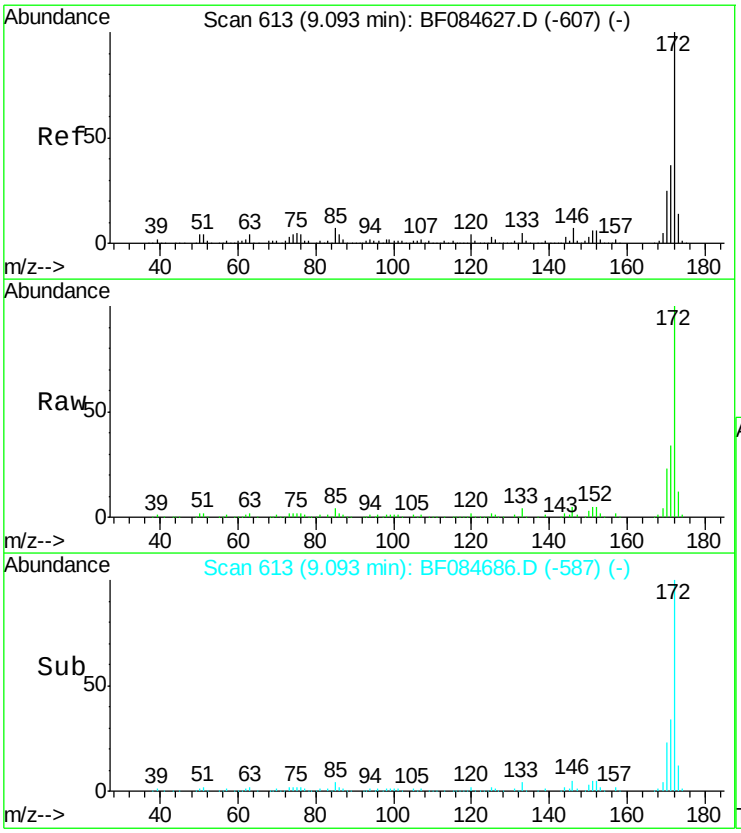
#41
2,4,6-Tribromophenol
Concen: 18.54 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion:330 Resp: 57909

Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.6	114.8
141	39.1	27.8	41.6

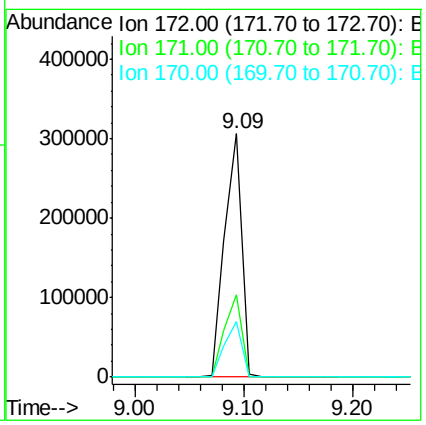


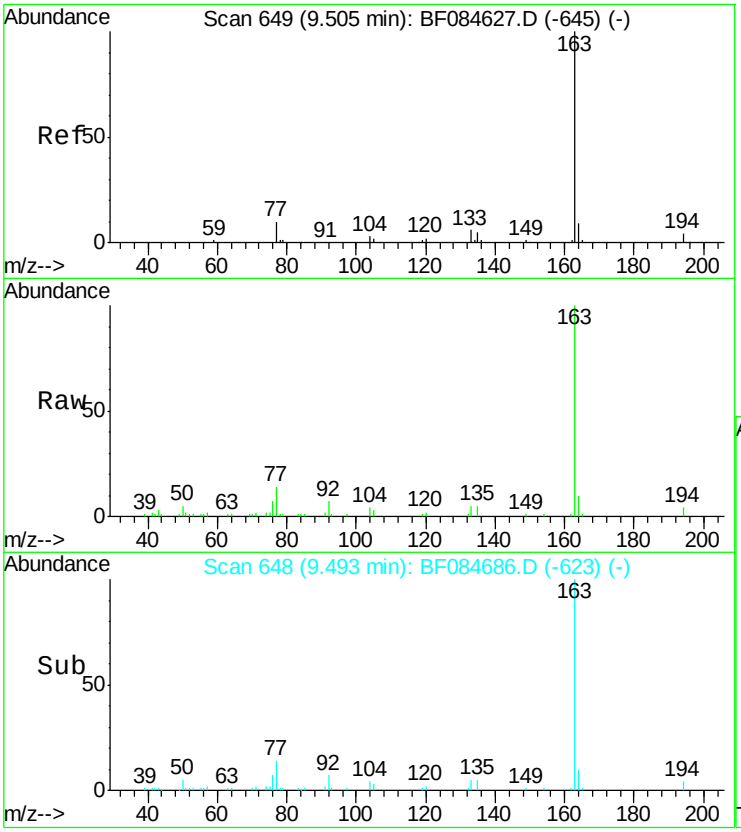


#44
2-Fluorobiphenyl
Concen: 16.61 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion:172 Resp: 333168

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.9	43.3
170	23.0	18.6	27.8



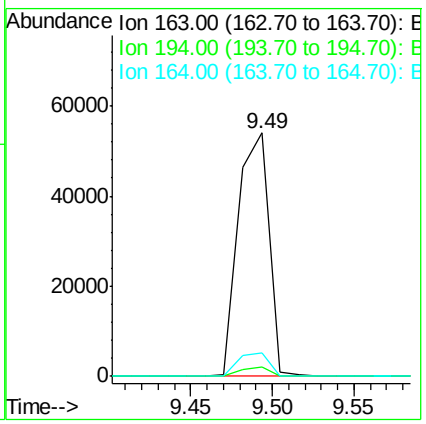


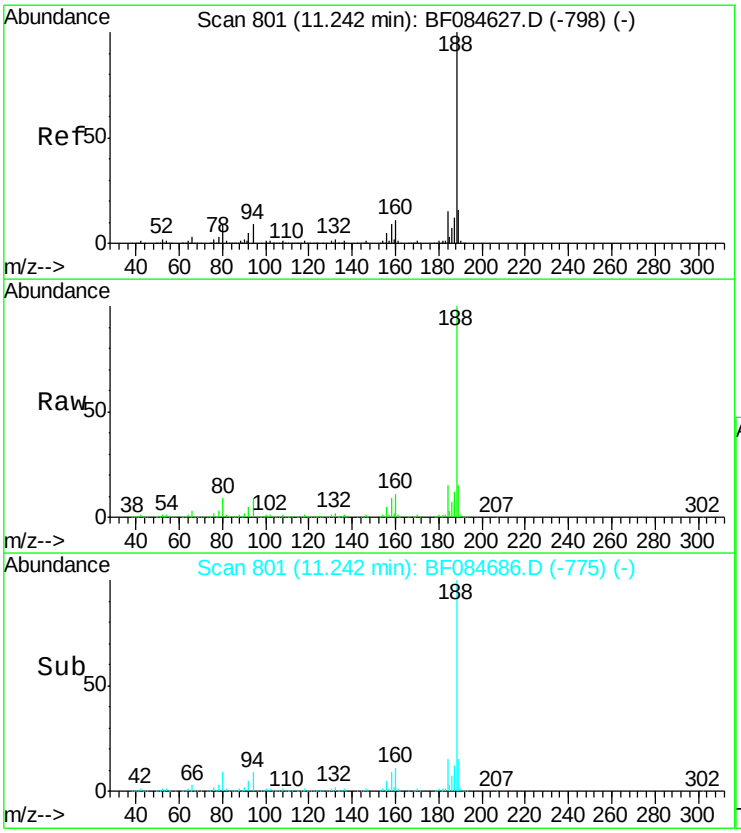
#49
Dimethylphthalate
Concen: 3.13 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion:163 Resp: 69942

Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	9.5	8.0	12.0

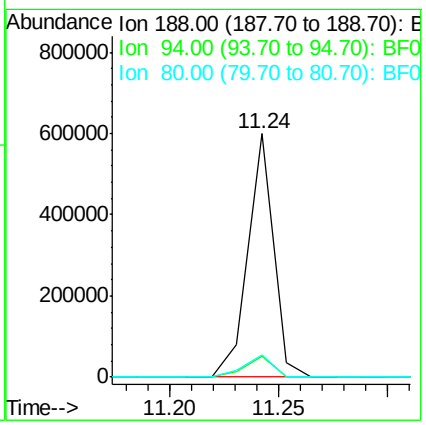


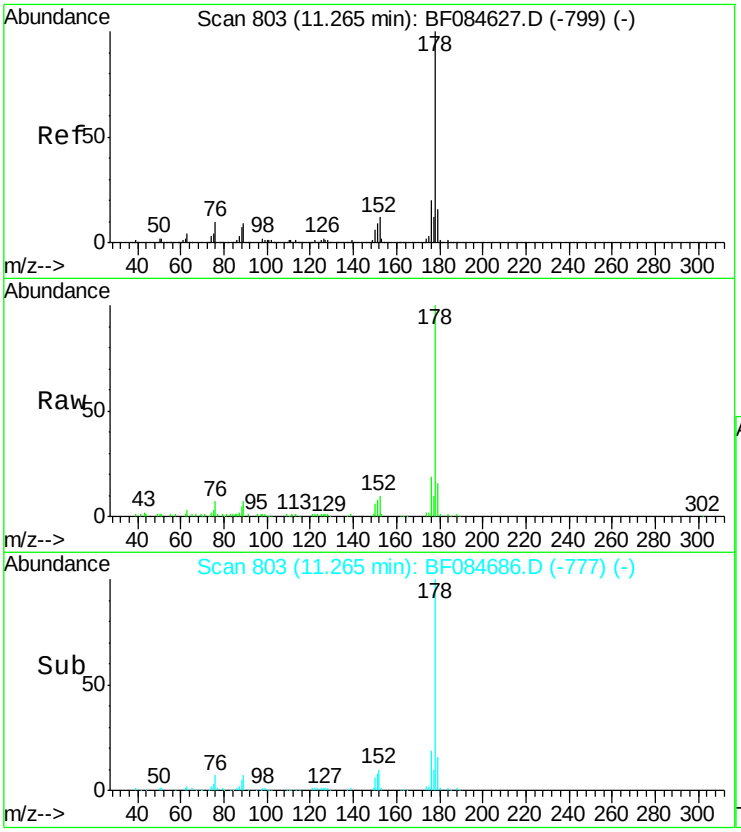


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion:188 Resp: 490556

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	9.1	9.6	14.4#



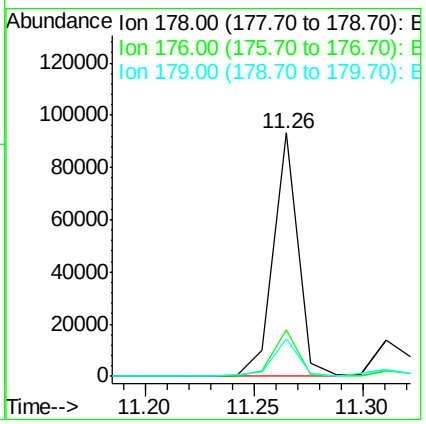


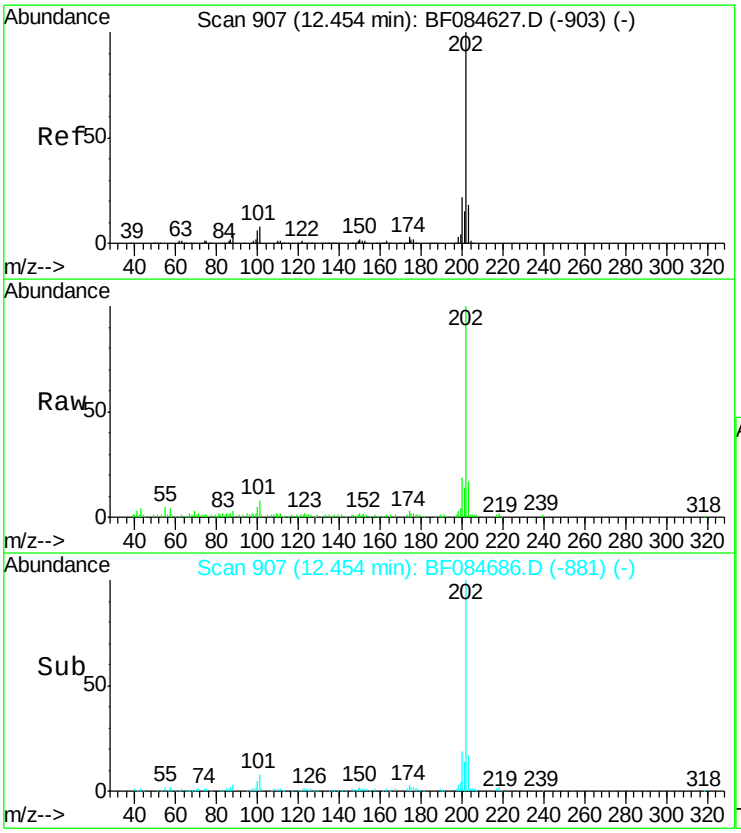
#70
Phenanthrene
Concen: 2.76 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion:178 Resp: 74775

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.0	18.0

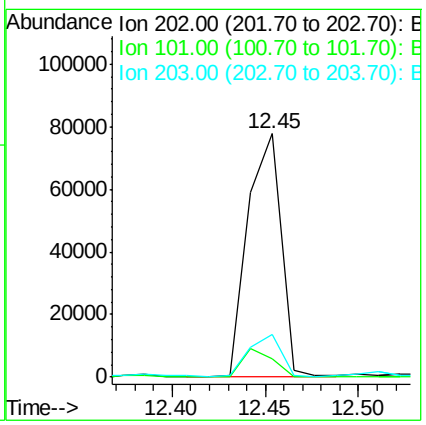


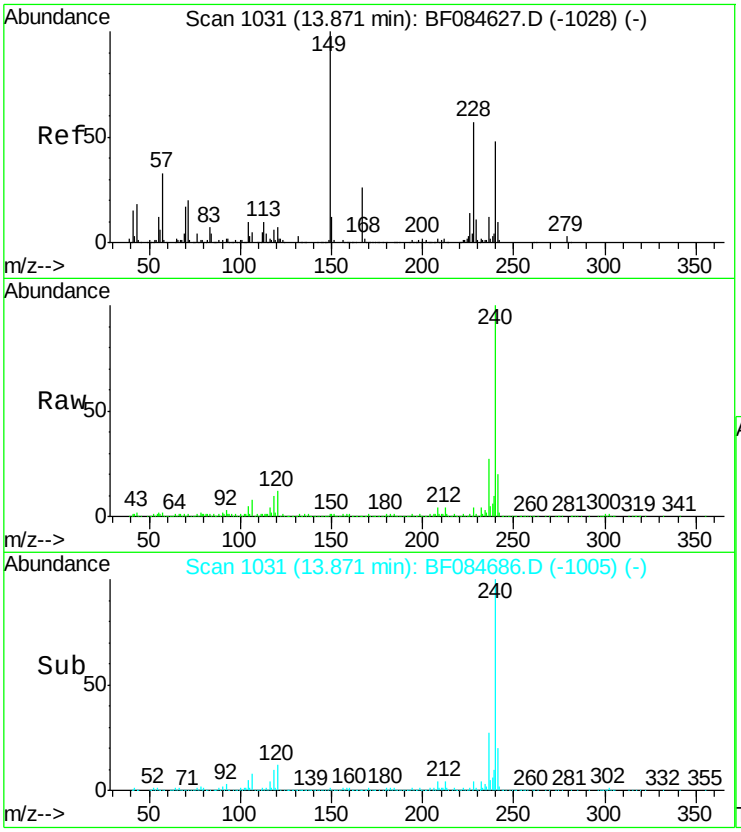


#74
Fluoranthene
Concen: 3.61 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion:202 Resp: 96707

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	32.8
203	17.5	0.0	37.9



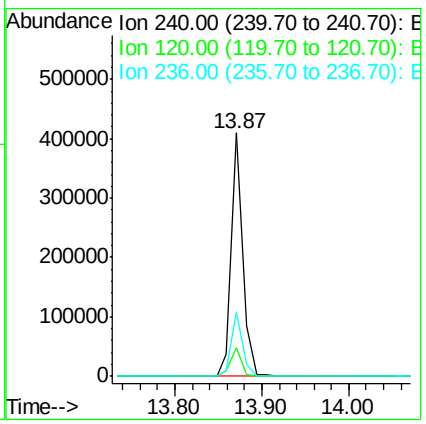


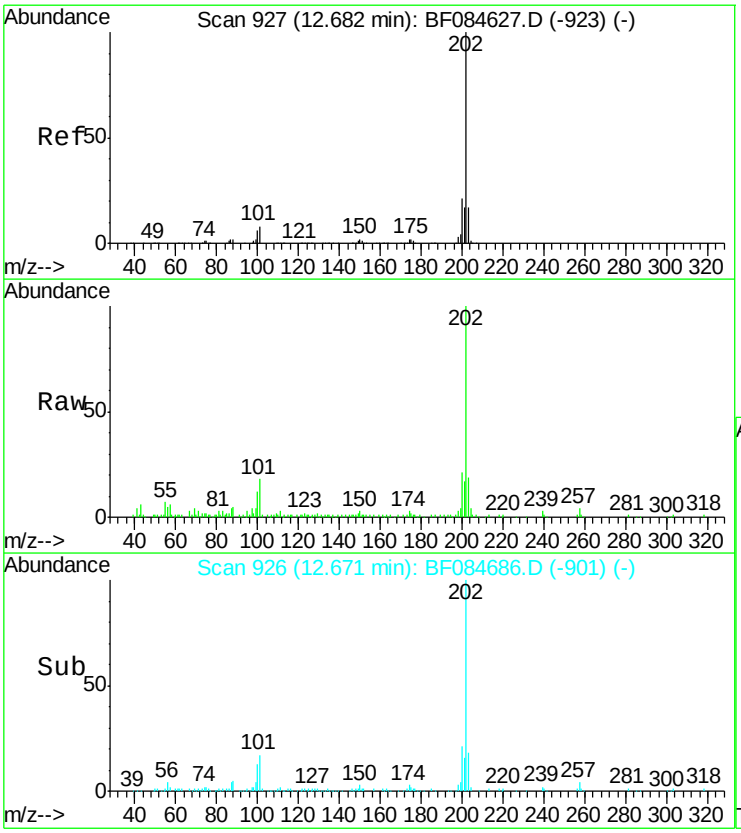
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion:240 Resp: 370752

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.6	20.6	31.0

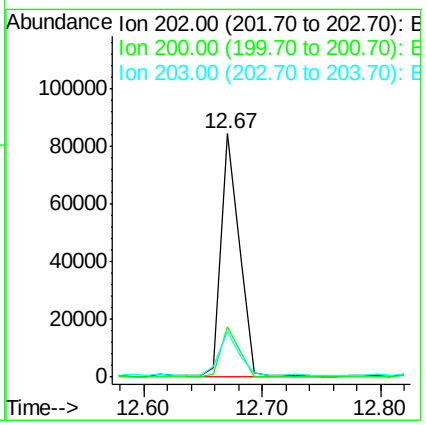


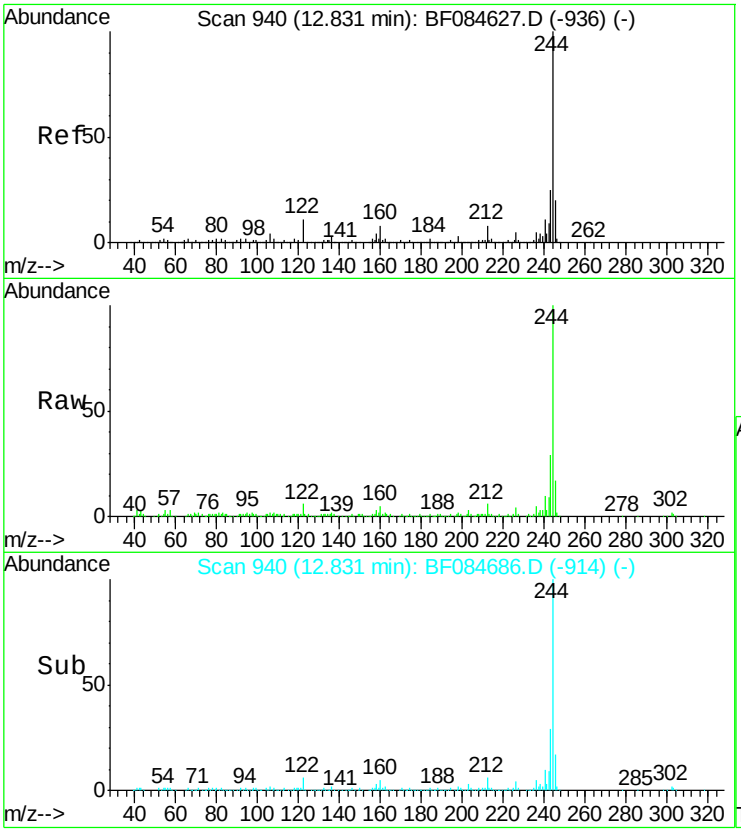


#77
Pyrene
Concen: 3.25 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion:202 Resp: 90892

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.2	25.8
203	18.6	14.3	21.5



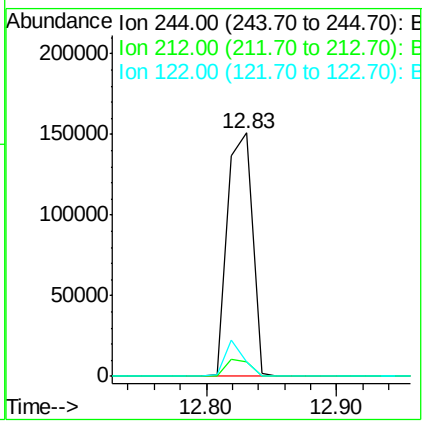


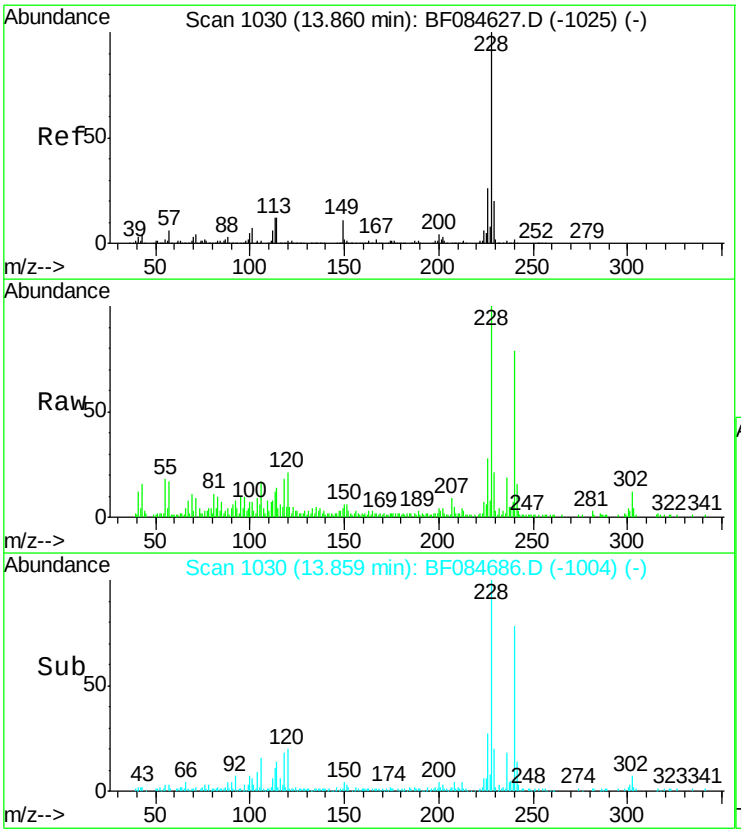
#78
Terphenyl-d14
Concen: 12.21 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion:244 Resp: 200398

Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.7	8.5
122	5.8	7.4	11.0#

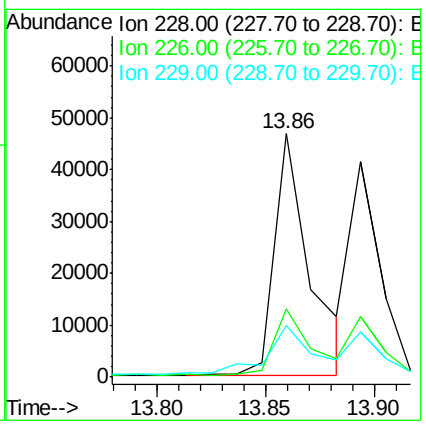


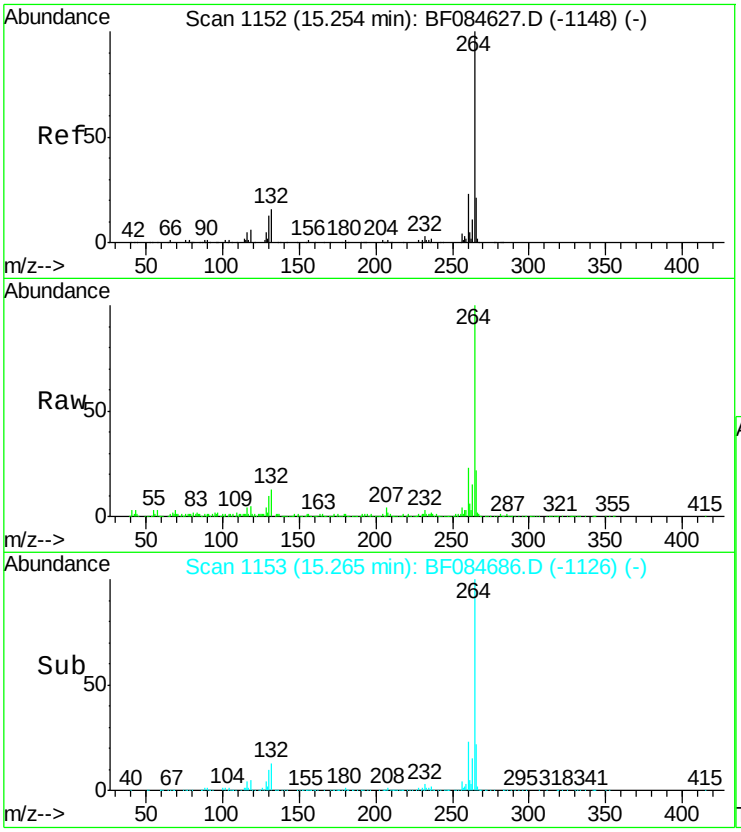


#80
Benzo(a)anthracene
Concen: 2.29 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Tgt Ion:228 Resp: 52935

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	21.1	15.8	23.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084686.D
Acq: 30 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
SUP-B010(15-16)

Tgt Ion:264 Resp: 391604

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.0	17.8	26.6