Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079173.D
Acq On : 12 May 2015 22:37
Operator : TP/IZ
Sample : G2196-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KBY-SB-9(6-10)

Quant Time: May 13 02:21:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	57485	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	229651	20.00	ng		0.00
38) Acenaphthene-d10	11.04	164	108427	20.00	ng		0.00
63) Phenanthrene-d10	12.88	188	211115	20.00	ng		0.00
75) Chrysene-d12	16.17	240	219279	20.00	ng		-0.02
86) Perylene-d12	17.87	264	222811	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	337014	100.92	ng		0.01
7) Phenol-d6	6.84	99	429009	97.19	ng		0.00
23) Nitrobenzene-d5	7.98	82	259643	64.98	ng		0.00
41) 2,4,6-Tribromophenol	12.02	330	116626	99.43	ng		0.01
44) 2-Fluorobiphenyl	10.21	172	501015	64.38	ng		0.00
78) Terphenyl-d14	14.87	244	570945	62.34	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	9.75	142	399877	52.73	ng		97
49) Dimethylphthalate	10.71	163	22937	2.88	ng	#	93
51) Acenaphthene	11.07	154	28173	4.28	ng		93
57) Fluorene	11.71	166	57379	7.35	ng	#	91
70) Phenanthrene	12.90	178	199306	16.88	ng		98
77) Pyrene	14.66	202	73040	5.78	ng	#	95

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
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Acq On : 12 May 2015 22:37
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Sample : G2196-10
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Instrument :
BNA_F
ClientSampleId :
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Quant Time: May 13 02:21:34 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
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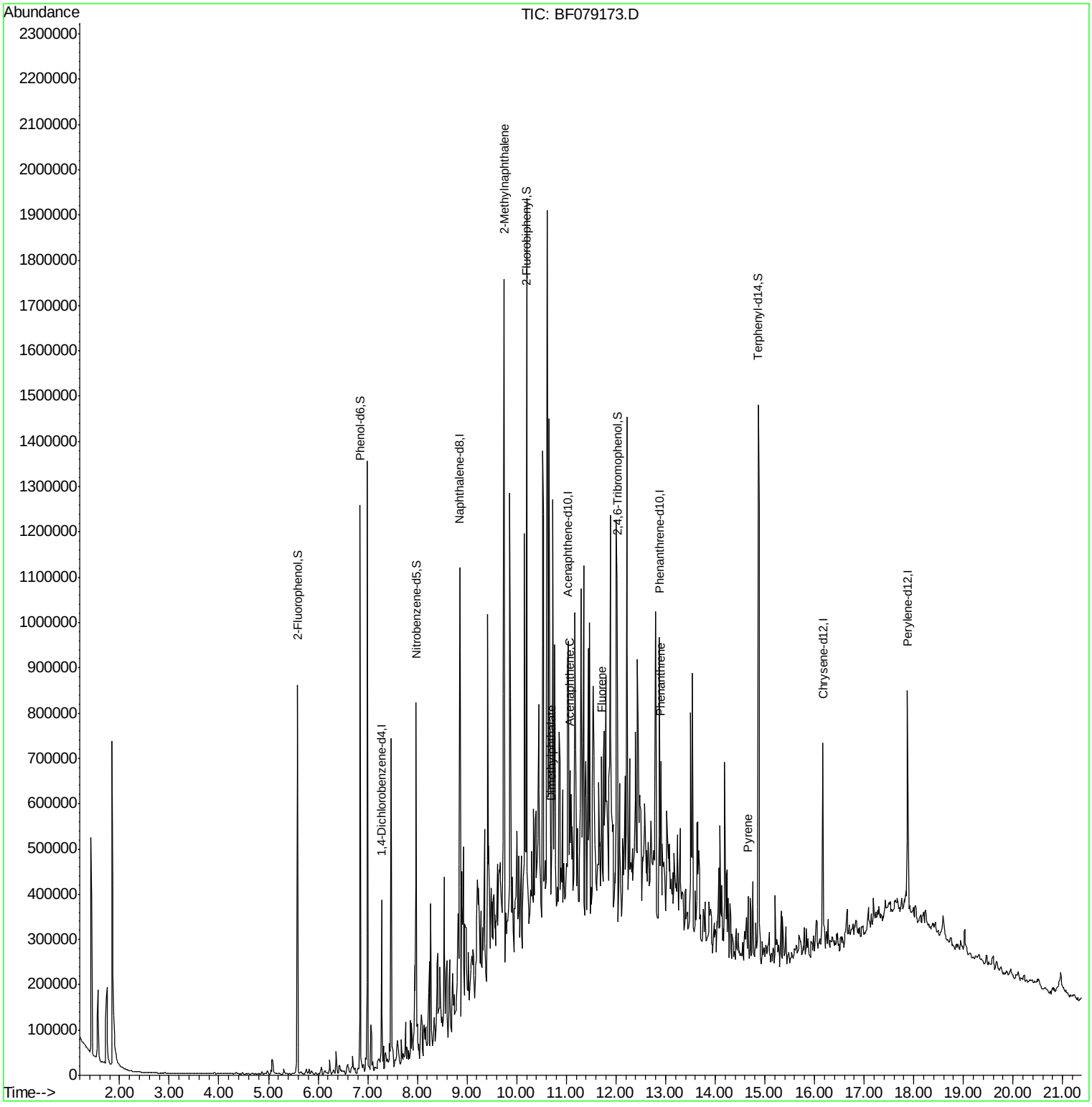
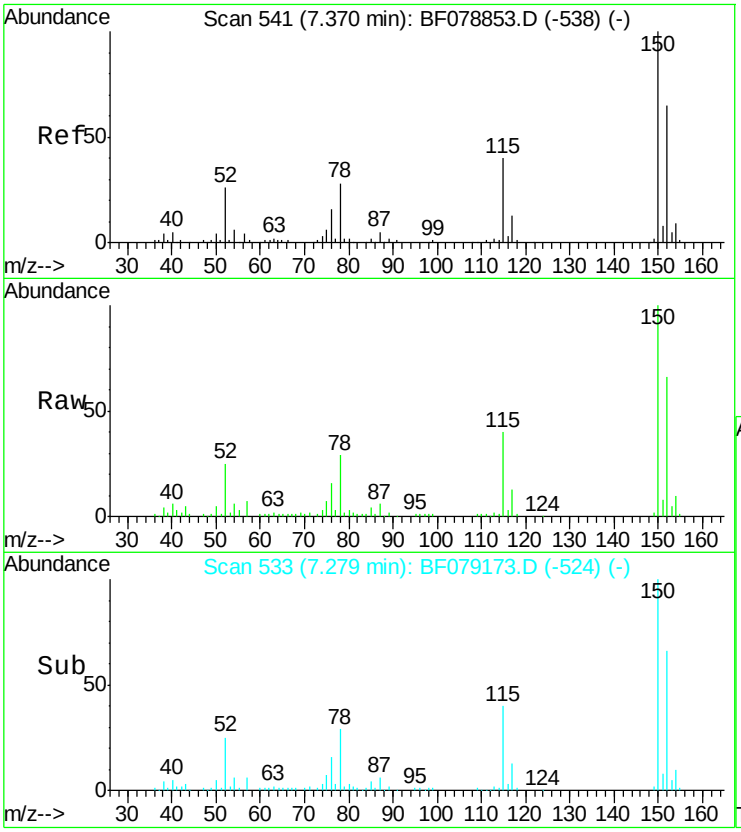


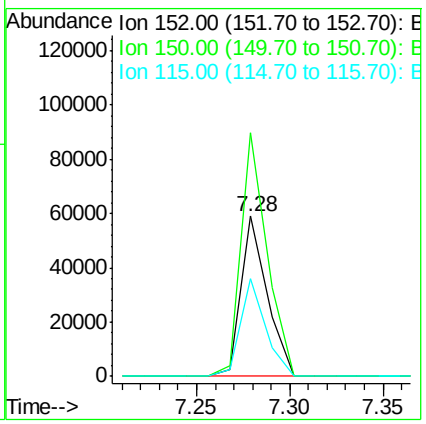


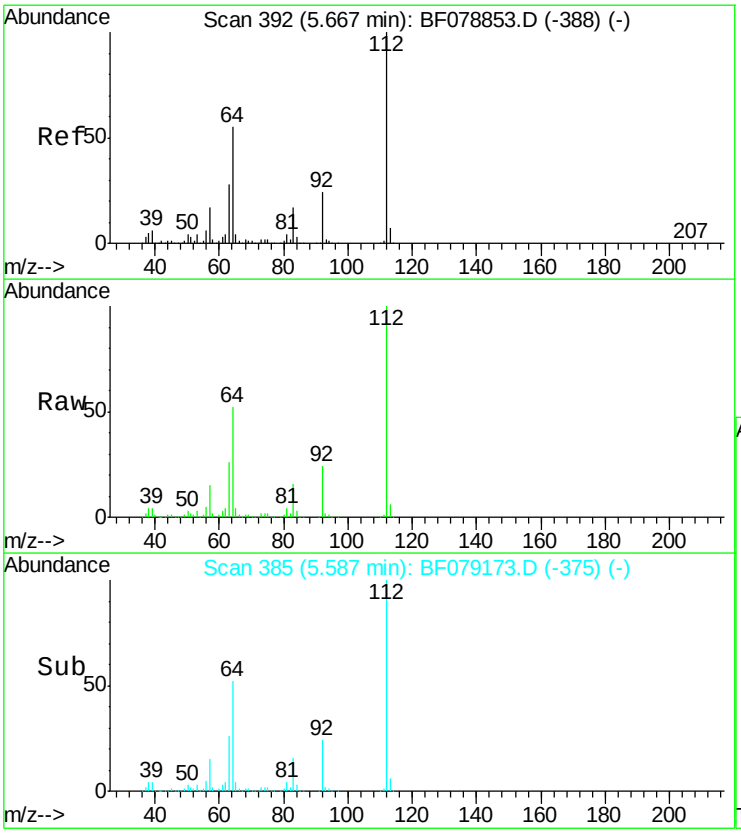
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tgt Ion:152 Resp: 57485

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.0	183.0
115	61.2	46.3	69.5

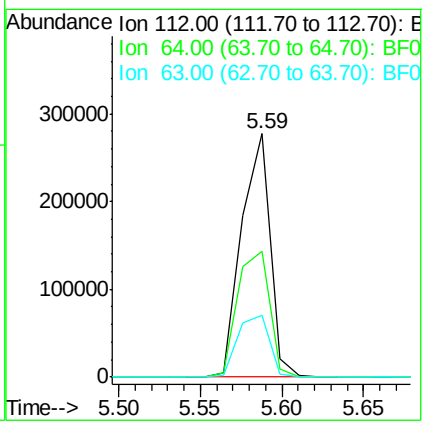


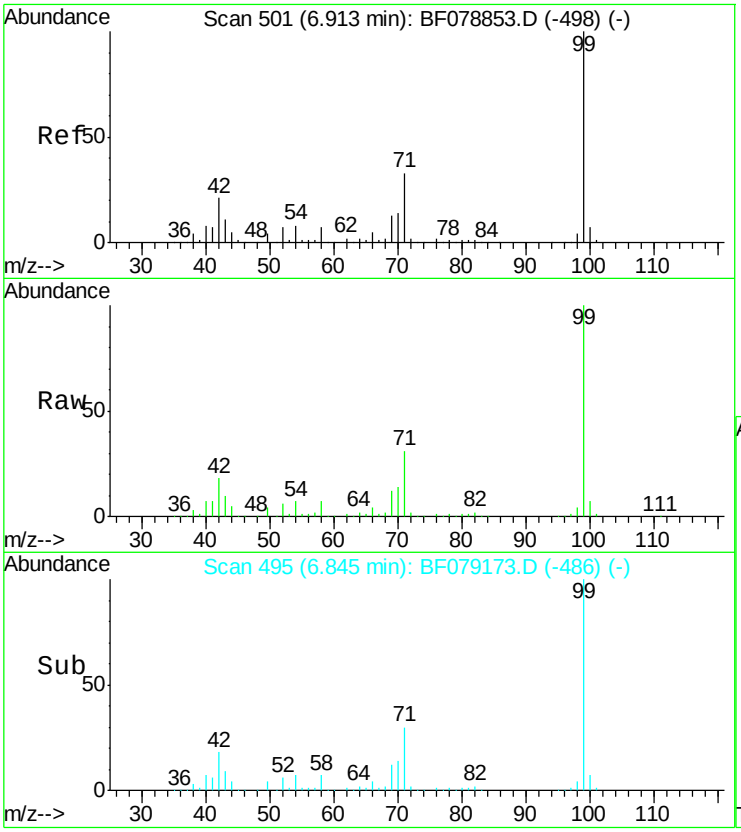


#5
2-Fluorophenol
Concen: 100.92 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:112 Resp: 337014

Ion	Ratio	Lower	Upper
112	100		
64	51.8	53.5	80.3#
63	25.6	27.5	41.3#



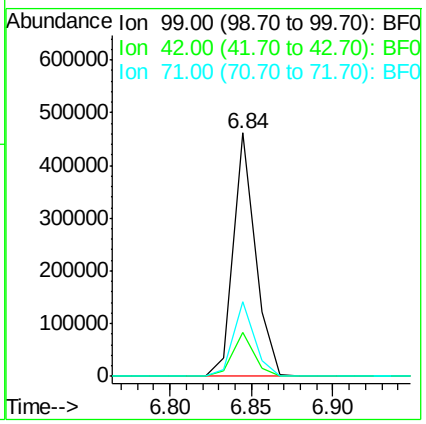


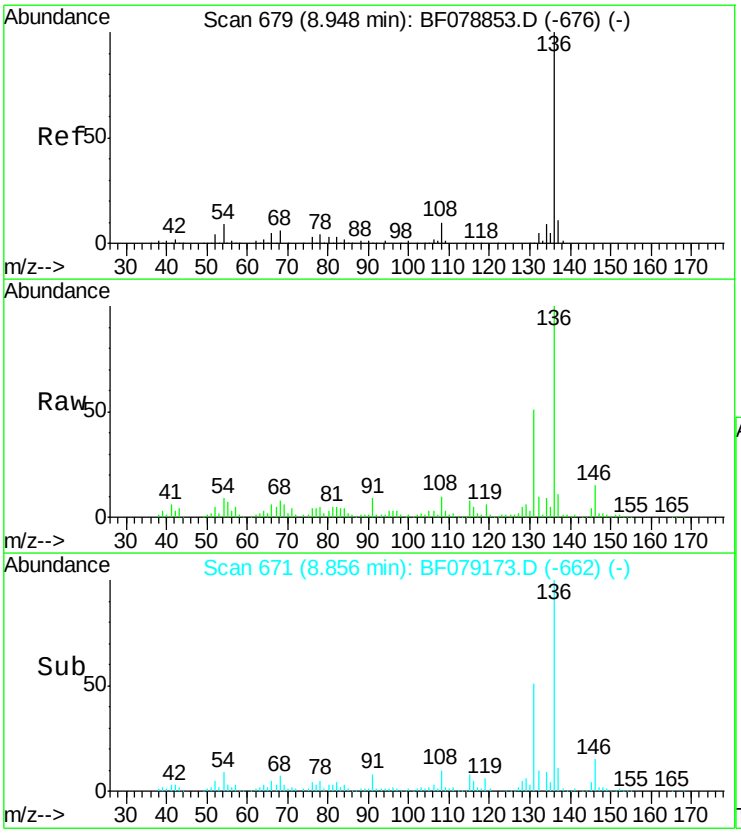
#7
Phenol-d6
Concen: 97.19 ng
RT: 6.84 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tgt Ion: 99 Resp: 429009

Ion	Ratio	Lower	Upper
99	100		
42	18.2	12.8	19.2
71	30.6	23.4	35.2

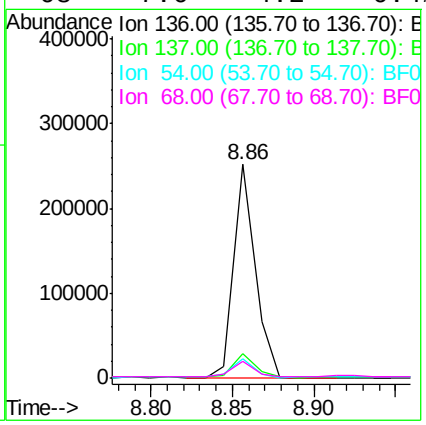


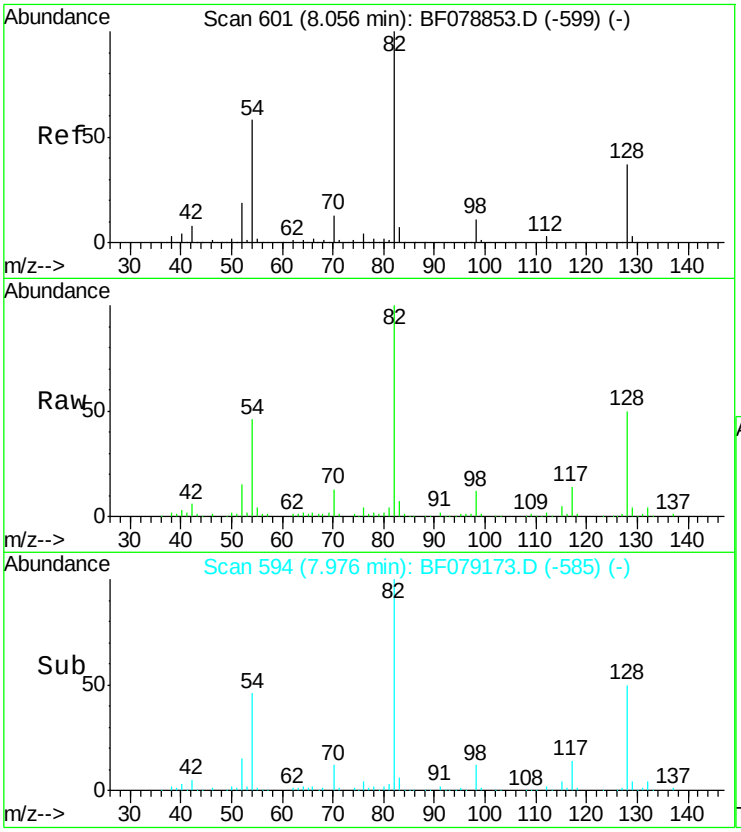


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:136 Resp: 229651

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.0	5.8	8.8#
68	7.6	4.2	6.4#



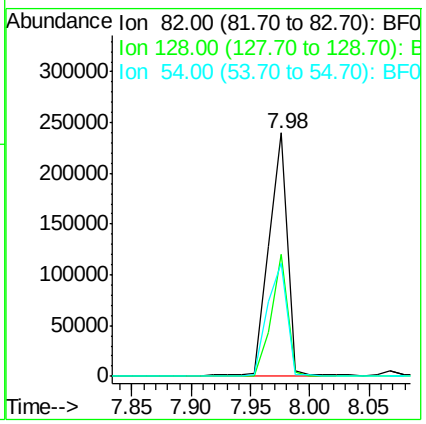


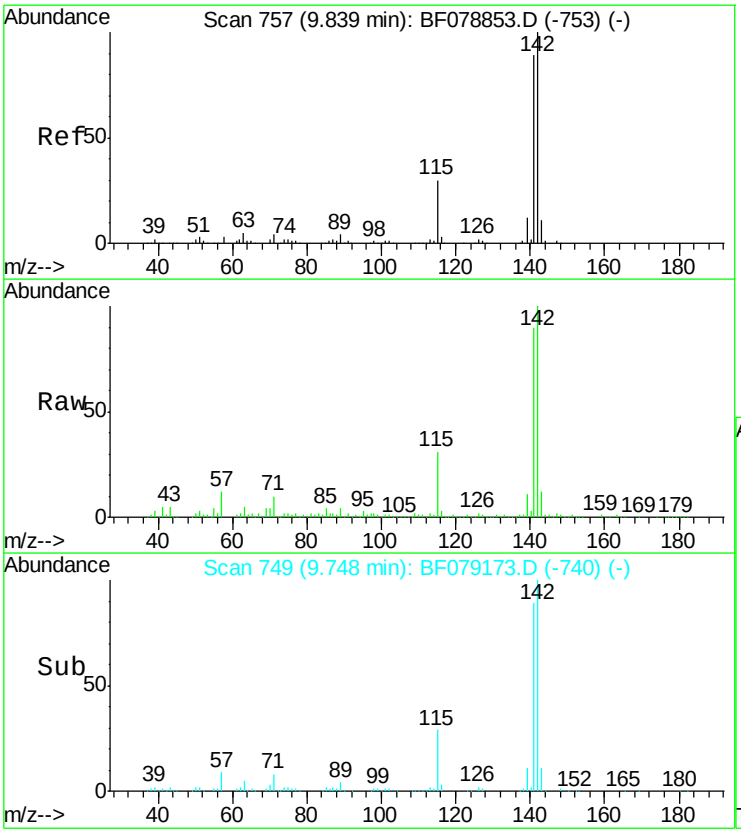
#23
Nitrobenzene-d5
Concen: 64.98 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tgt Ion: 82 Resp: 259643

Ion	Ratio	Lower	Upper
82	100		
128	50.2	30.0	45.0#
54	46.4	46.4	69.6

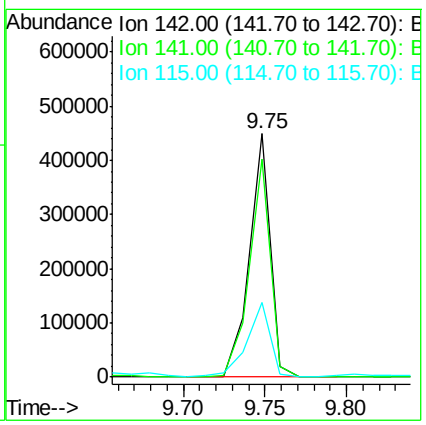


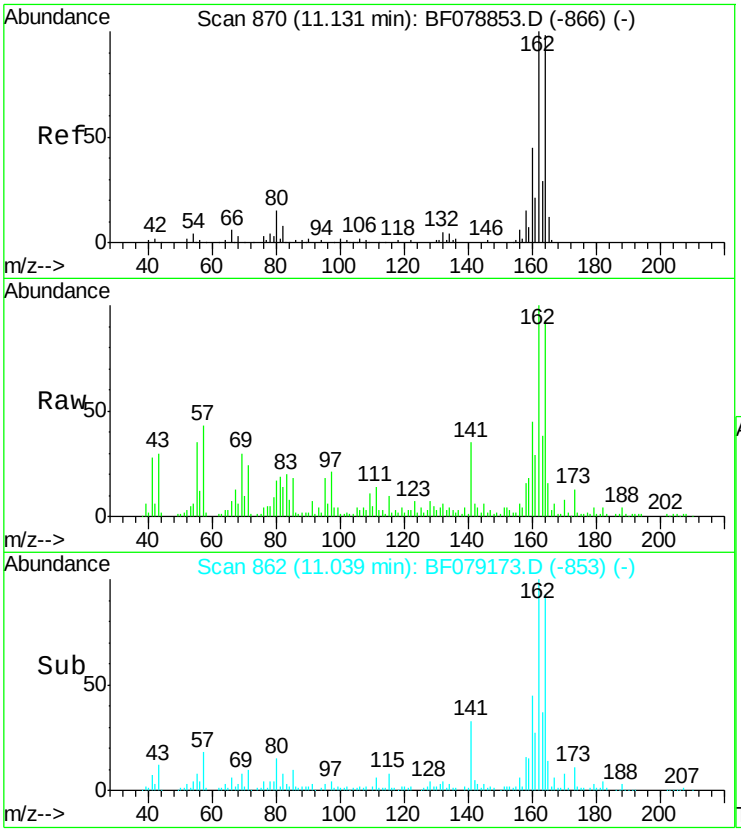


#37
2-Methylnaphthalene
Concen: 52.73 ng
RT: 9.75 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:142 Resp: 399877

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3
115	30.9	28.5	42.7



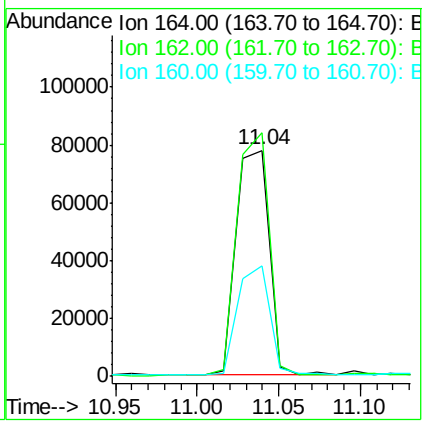


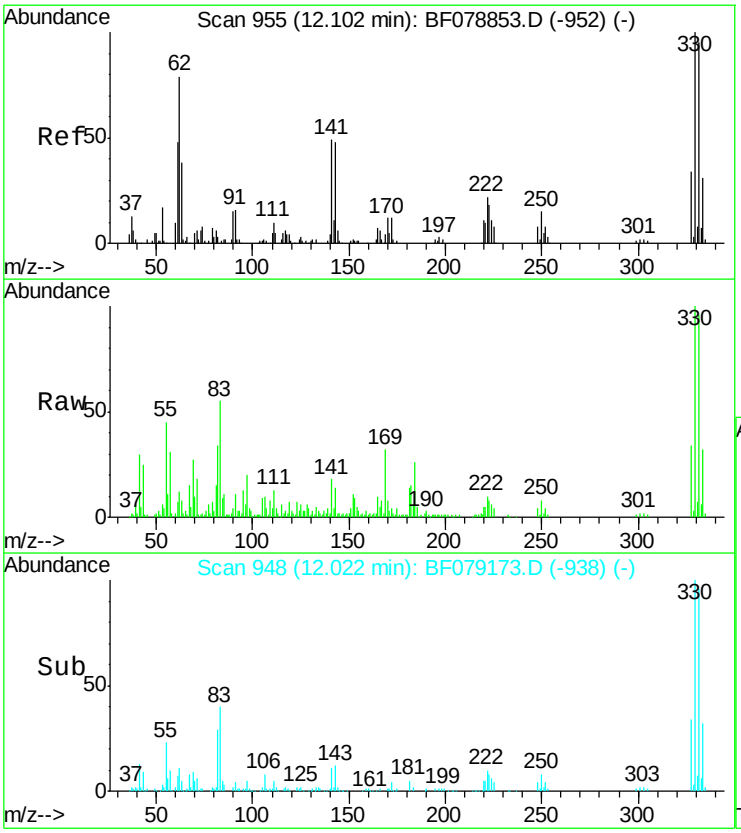
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tgt Ion:164 Resp: 108427

Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.7	124.1
160	48.8	35.8	53.8

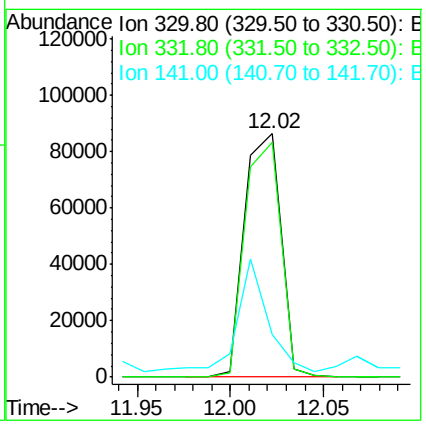


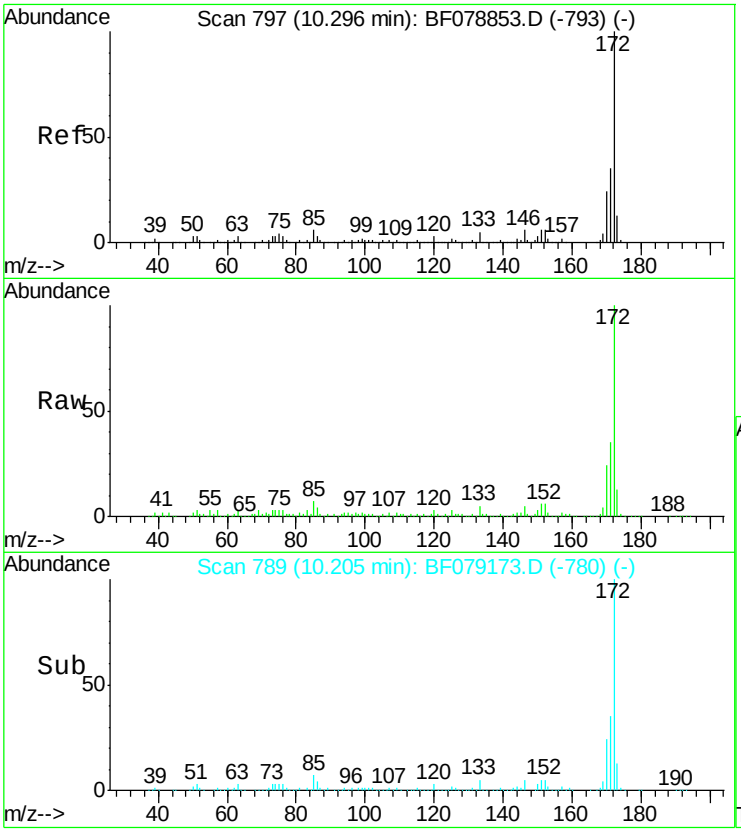


#41
2,4,6-Tribromophenol
Concen: 99.43 ng
RT: 12.02 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:330 Resp: 116626

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	38.5	0.0	0.0#



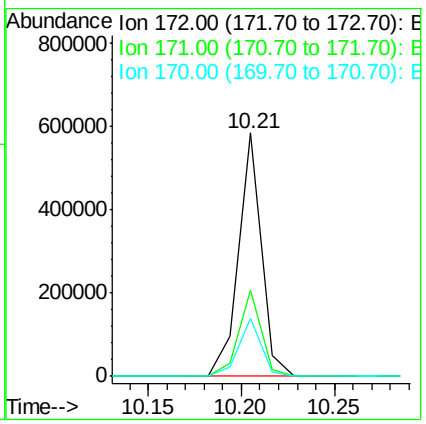


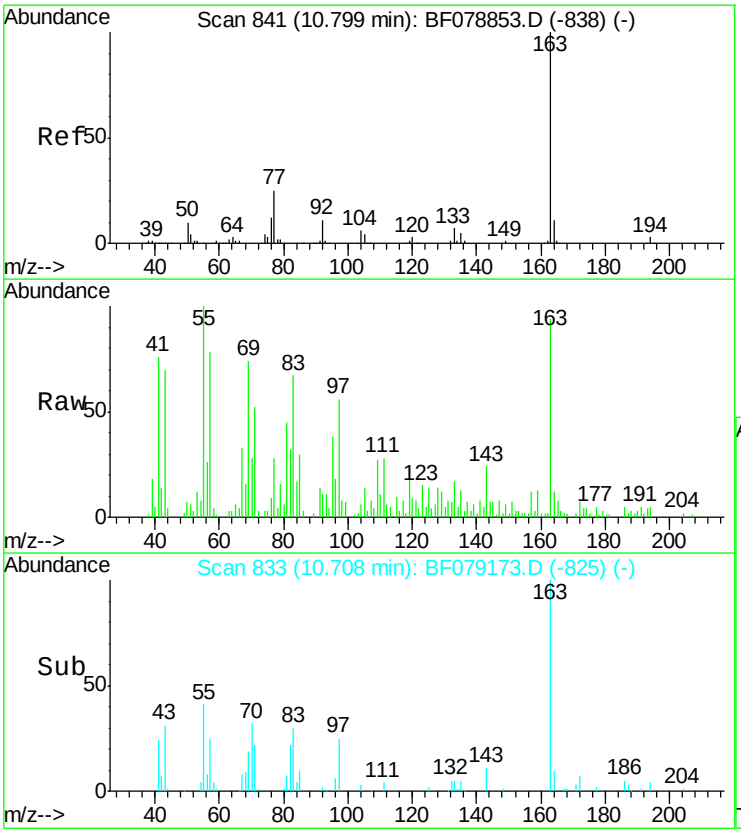
#44
2-Fluorobiphenyl
Concen: 64.38 ng
RT: 10.21 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument : BNA_F
ClientSampleId : KBY-SB-9(6-10)

Tgt Ion:172 Resp: 501015

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.9	19.4	29.0

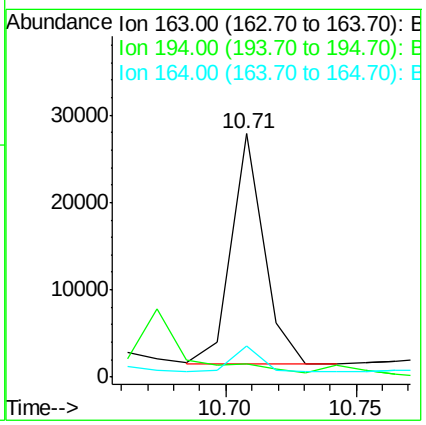


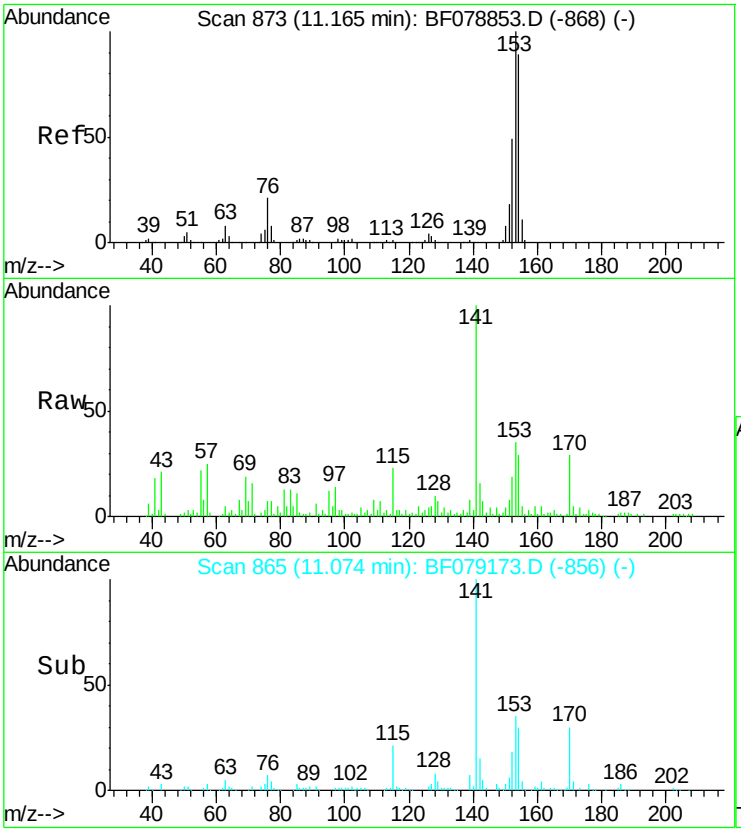


#49
Dimethylphthalate
Concen: 2.88 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:163 Resp: 22937

Ion	Ratio	Lower	Upper
163	100		
194	5.7	2.6	4.0#
164	12.6	8.1	12.1#



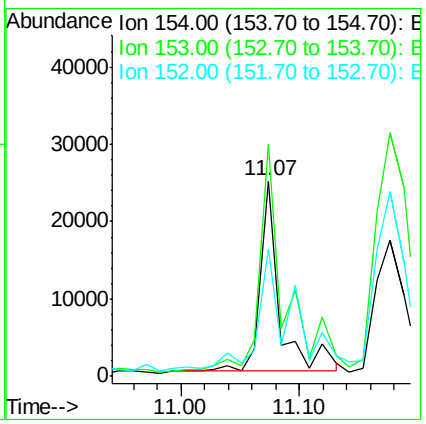


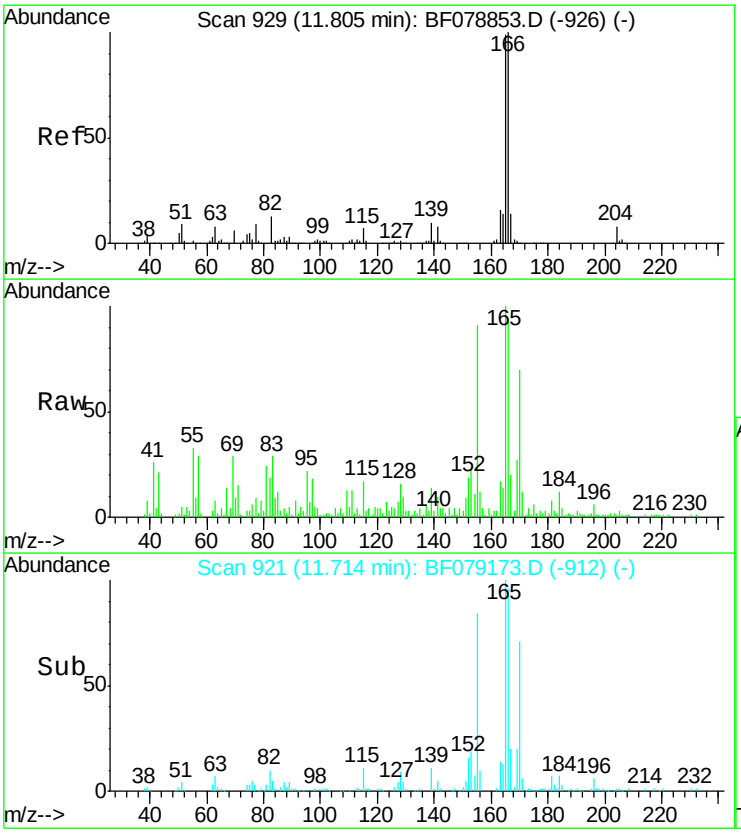
#51
Acenaphthene
Concen: 4.28 ng
RT: 11.07 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tgt Ion:154 Resp: 28173

Ion	Ratio	Lower	Upper
154	100		
153	118.8	91.5	137.3
152	65.2	44.2	66.4

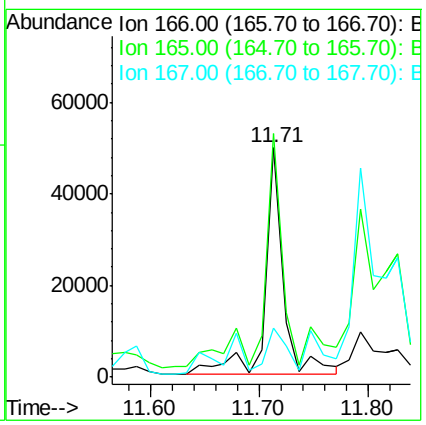


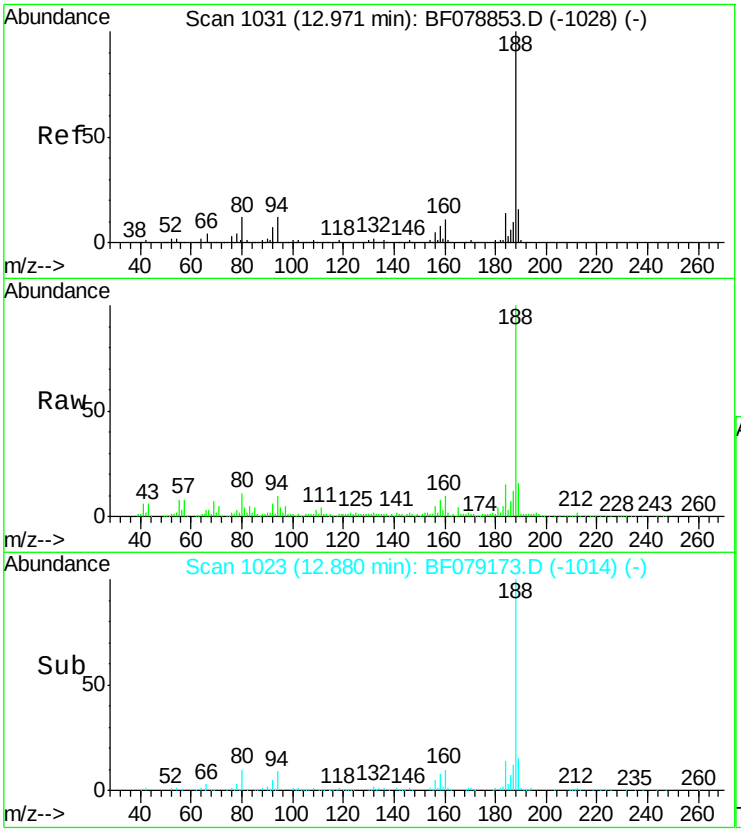


#57
Fluorene
Concen: 7.35 ng
RT: 11.71 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:166 Resp: 57379

Ion	Ratio	Lower	Upper
166	100		
165	106.2	78.5	117.7
167	21.5	11.0	16.6#



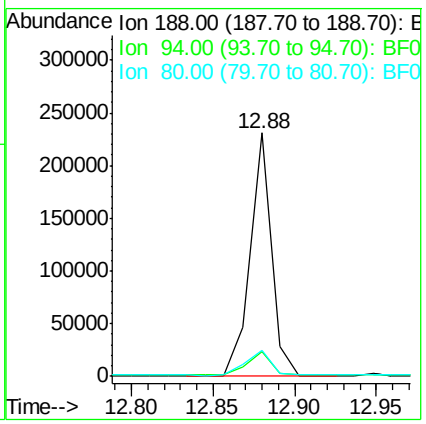


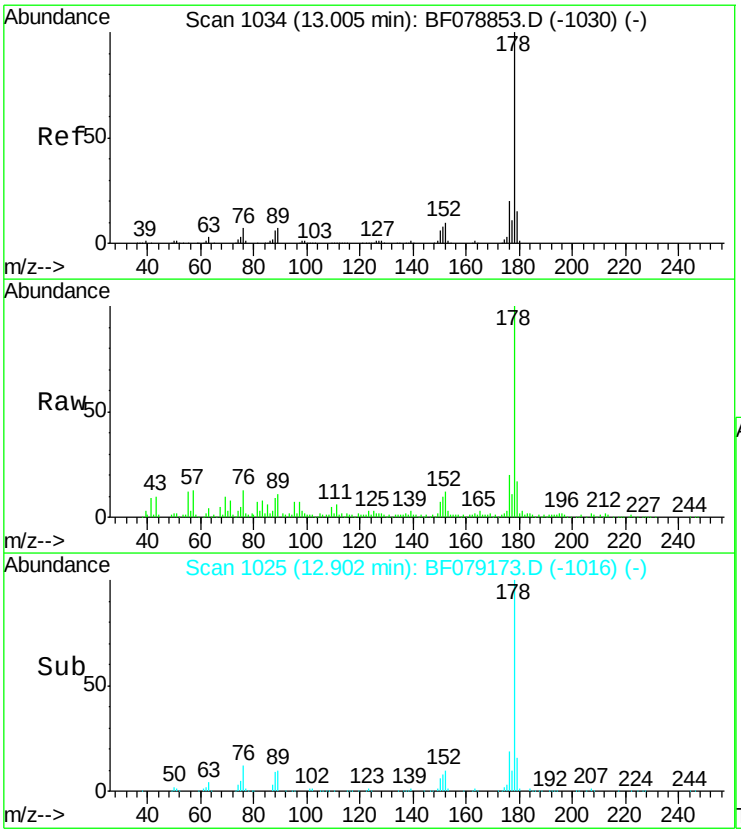
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tgt Ion:188 Resp: 211115

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.5	8.9	13.3

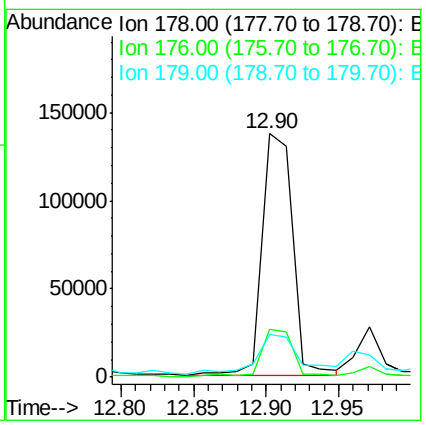


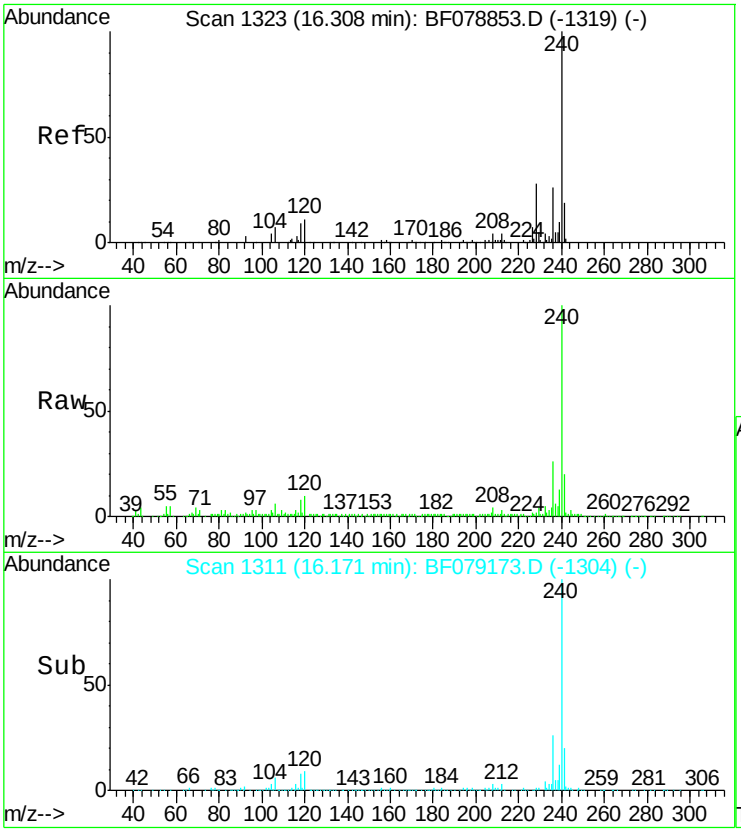


#70
Phenanthrene
Concen: 16.88 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:178 Resp: 199306

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.5	12.5	18.7



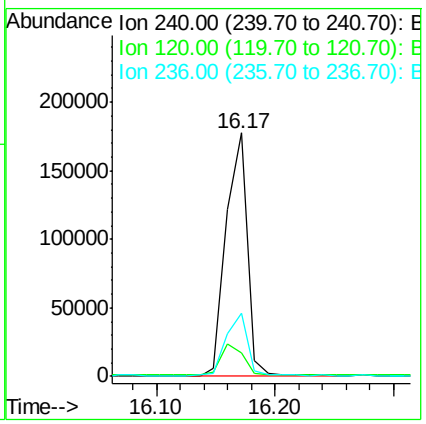


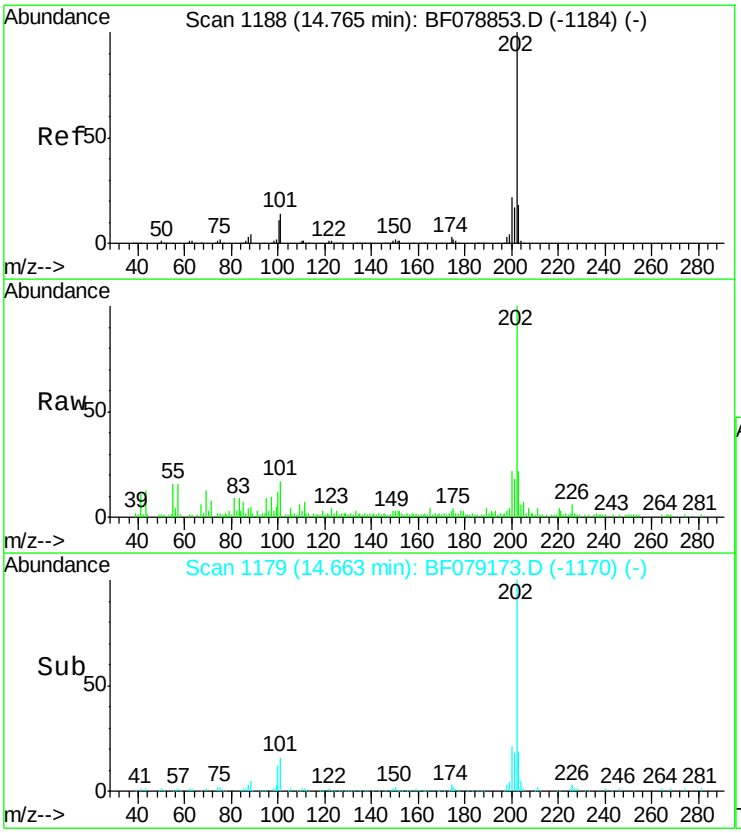
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tgt Ion:240 Resp: 219279

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.7	14.5#
236	26.0	20.2	30.4

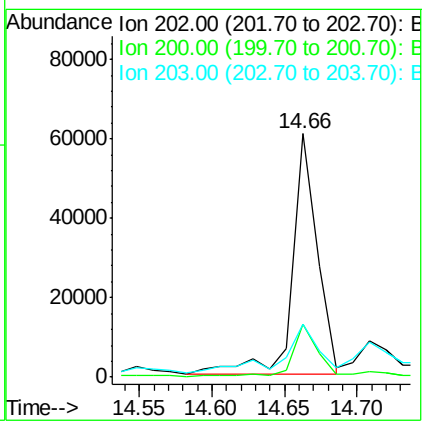


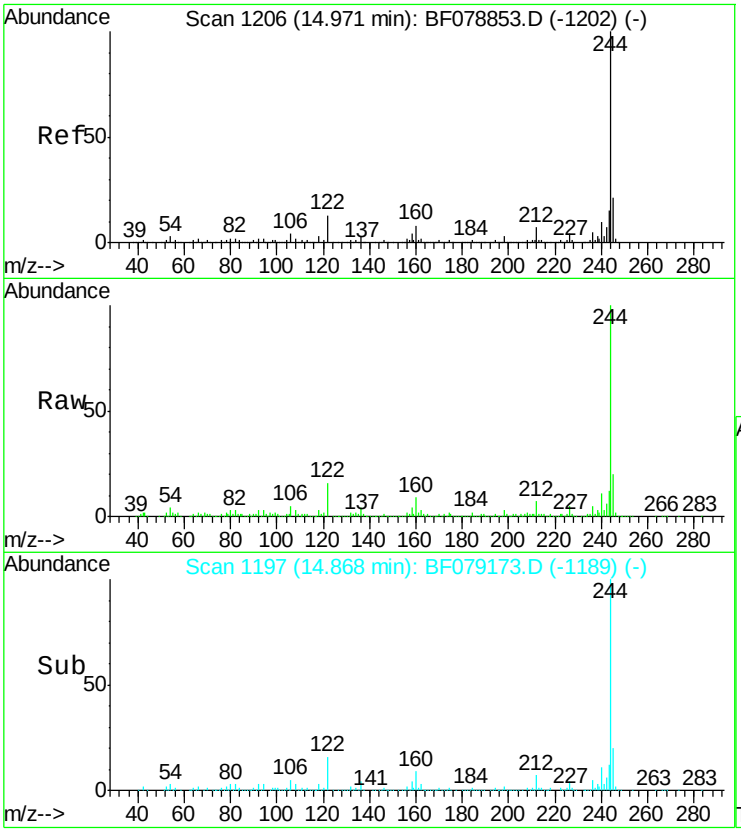


#77
Pyrene
Concen: 5.78 ng
RT: 14.66 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:202 Resp: 73040

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	21.6	13.9	20.9#



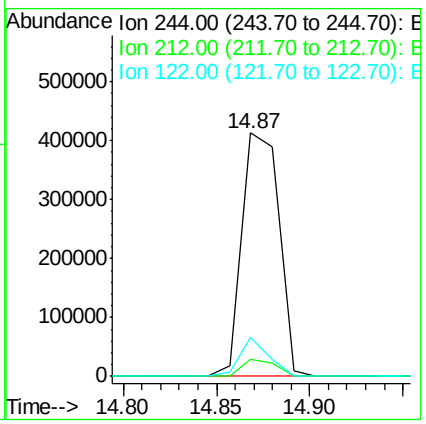


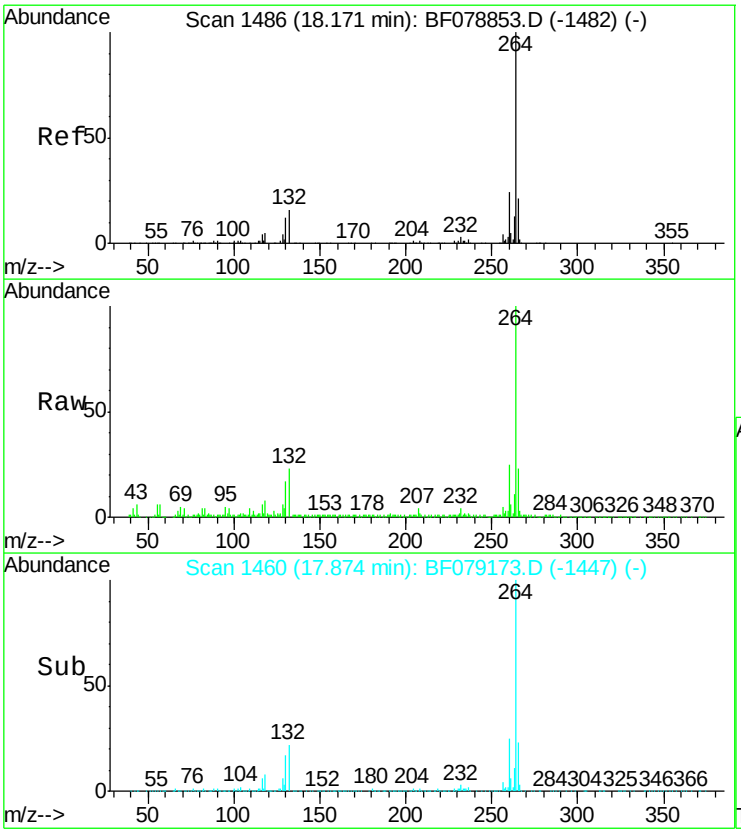
#78
Terphenyl-d14
Concen: 62.34 ng
RT: 14.87 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tgt Ion:244 Resp: 570945

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	16.0	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1460
Delta R.T. -0.15 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:264 Resp: 222811

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	23.3	18.3	27.5