Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096679.D
Acq On : 12 Jul 2017 8:23
Operator : SJ/JU
Sample : I4130-15
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

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Quant Time: Jul 12 16:00:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81776	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	160314	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	77721	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	171073	20.00	ng		0.00
75) Chrysene-d12	13.83	240	196157	20.00	ng		-0.01
86) Perylene-d12	15.23	264	180343	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	487802	88.04	ng		0.00
7) Phenol-d6	6.34	99	637566	93.60	ng		0.00
23) Nitrobenzene-d5	7.26	82	352398	132.09	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	82941	136.62	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	456766	100.48	ng		0.00
78) Terphenyl-d14	12.79	244	495045	53.93	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.72	142	885774	183.862	ng		97
49) Dimethylphthalate	9.46	163	143581	24.747	ng	#	92
51) Acenaphthene	9.77	154	55508	11.452	ng	#	77
57) Fluorene	10.29	166	134103m	29.670	ng		
70) Phenanthrene	11.23	178	220956	23.893	ng	#	95
71) Anthracene	11.29	178	51032	5.415	ng	#	74
74) Fluoranthene	12.41	202	48890	5.392	ng		97
77) Pyrene	12.64	202	64864	4.120	ng		95

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

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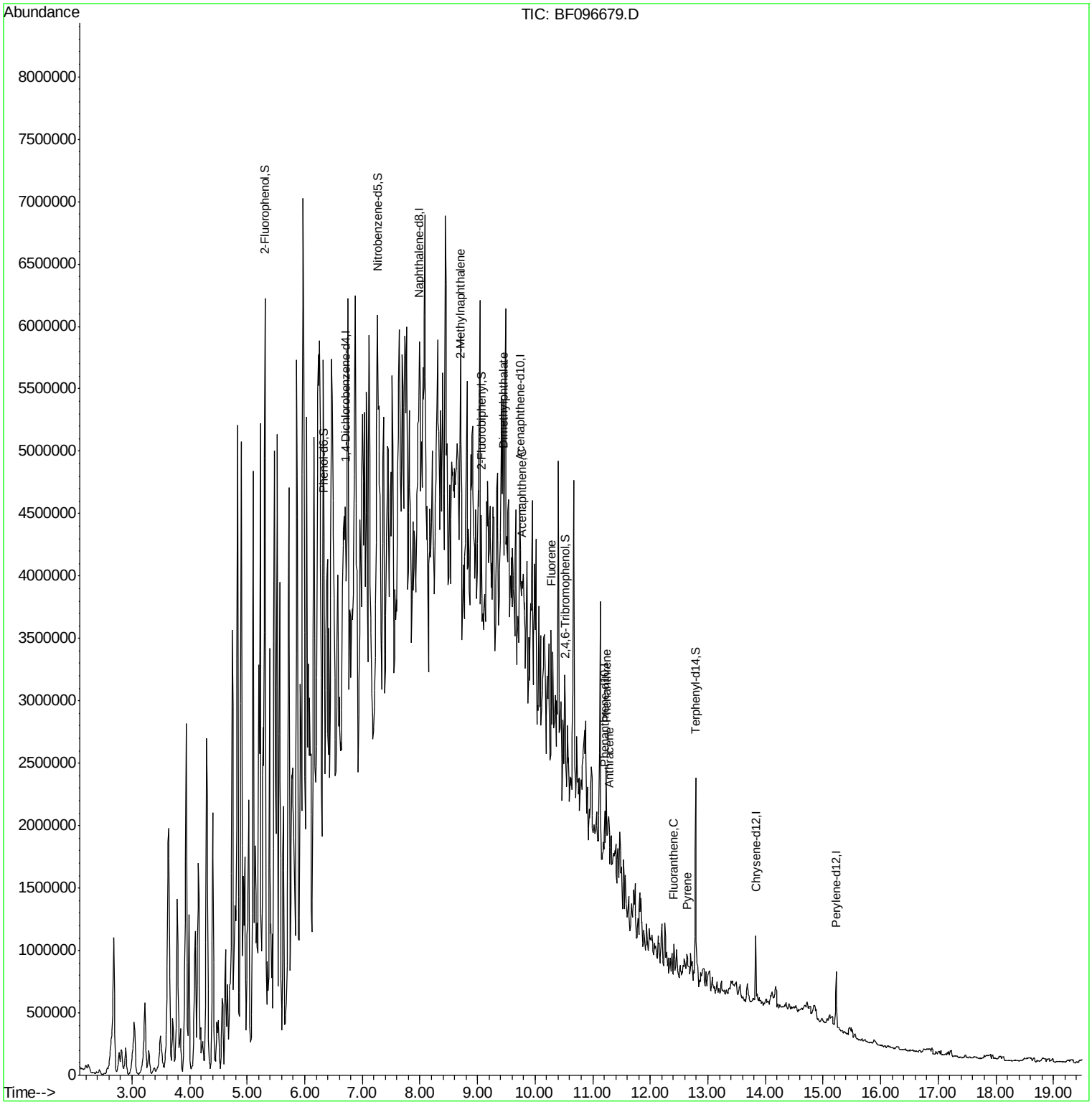
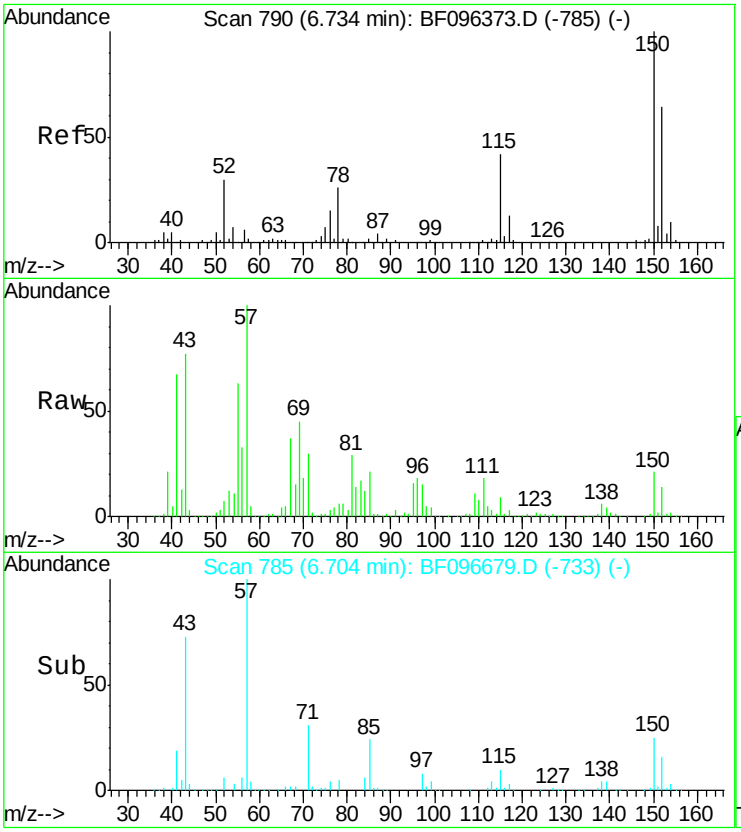
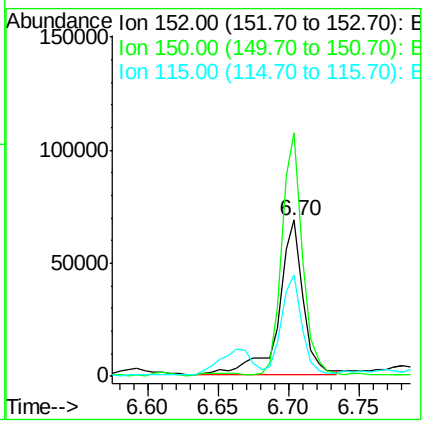




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:152 Resp: 81776

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	65.1	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

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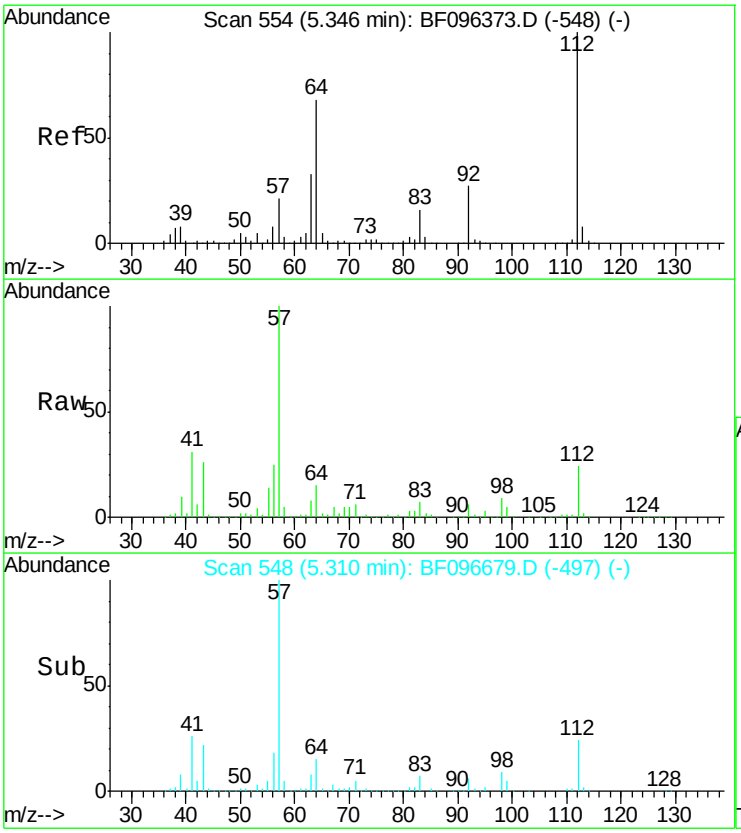
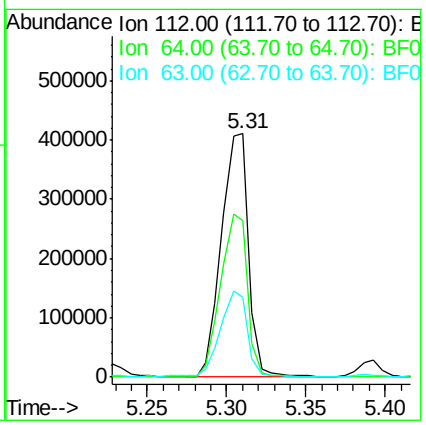
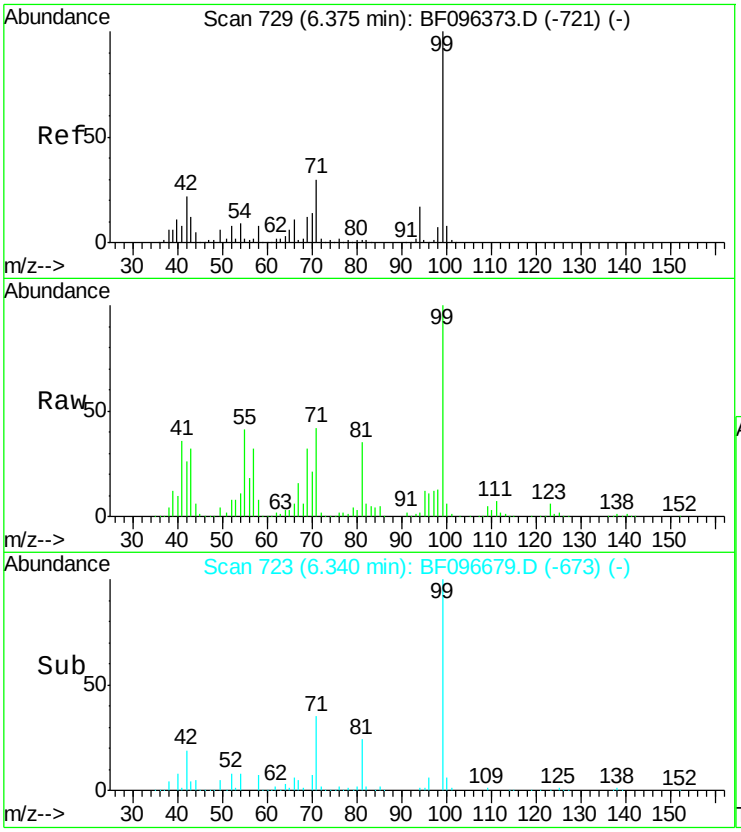


#5
2-Fluorophenol
Concen: 88.043 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:112 Resp: 487802

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	33.0	23.4	35.0





#7
Phenol-d6
Concen: 93.604 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion: 99 Resp: 637566

Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.5	20.3#
71	41.5	24.5	36.7#

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

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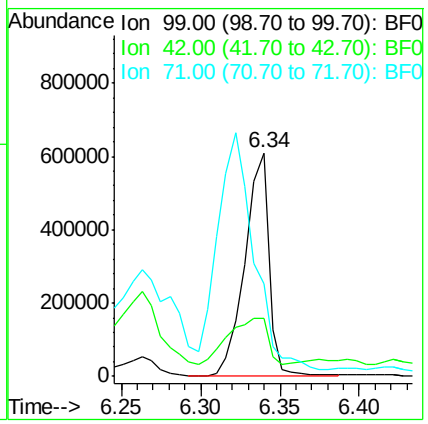
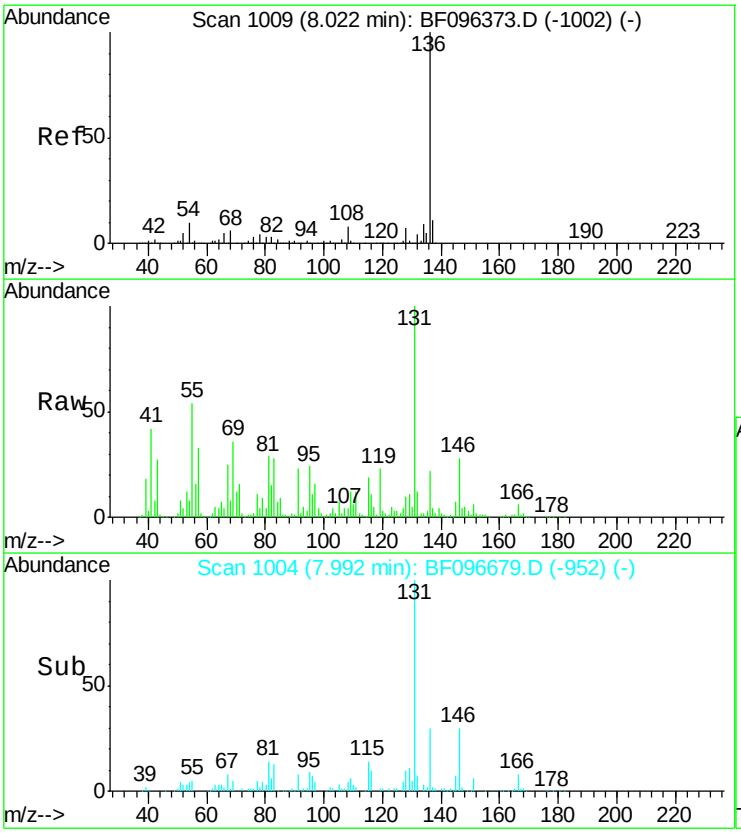
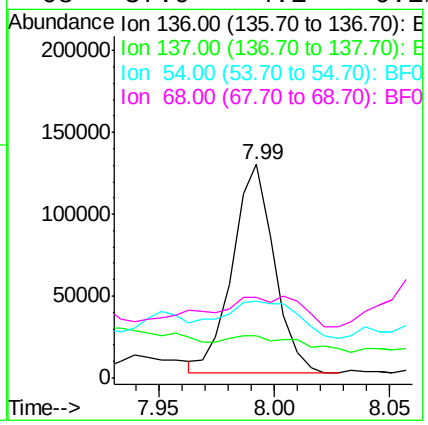


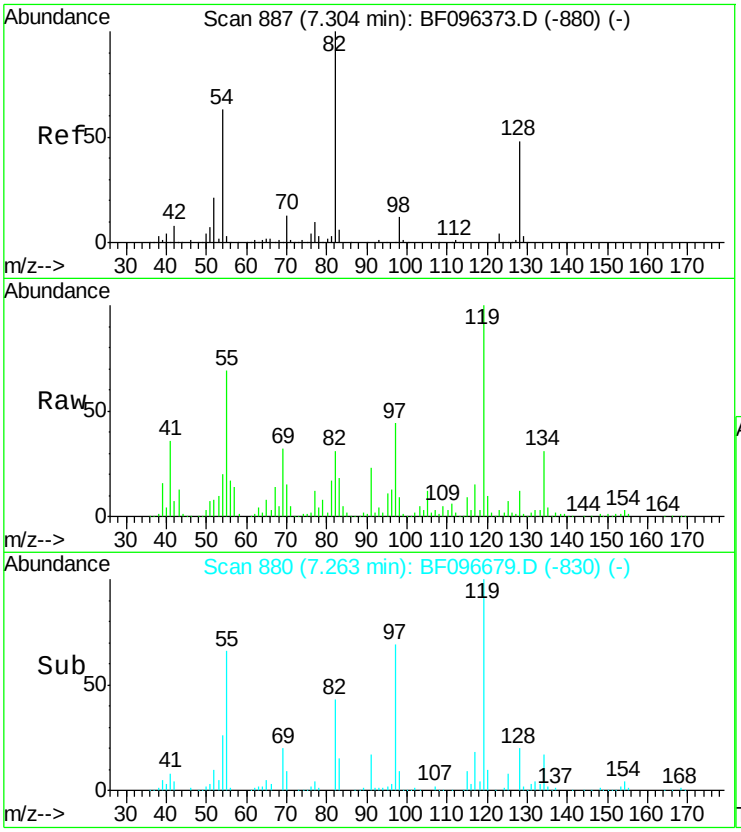


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:136 Resp: 160314

Ion	Ratio	Lower	Upper
136	100		
137	19.7	8.5	12.7#
54	36.0	4.9	7.3#
68	37.9	4.1	6.1#

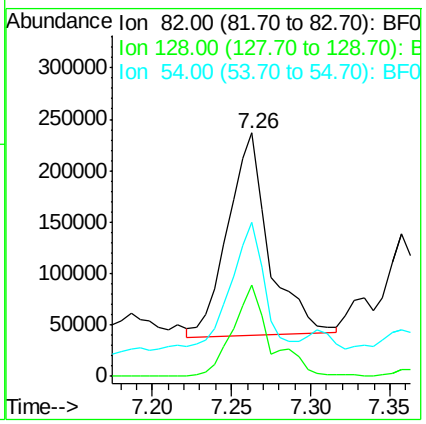




#23
Nitrobenzene-d5
Concen: 132.090 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion: 82 Resp: 352398

Ion	Ratio	Lower	Upper
82	100		
128	37.3	34.0	51.0
54	63.0	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

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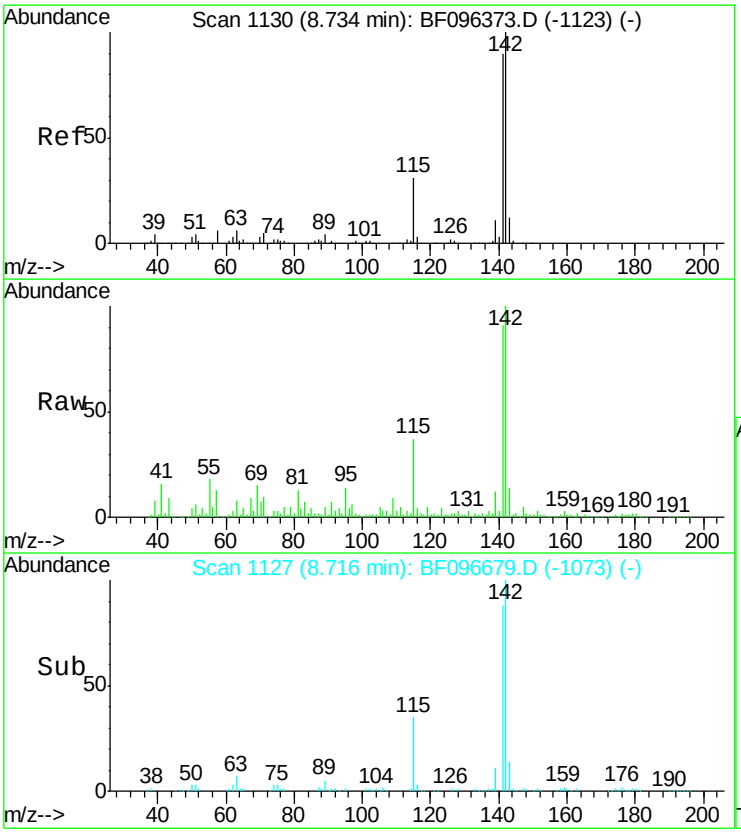
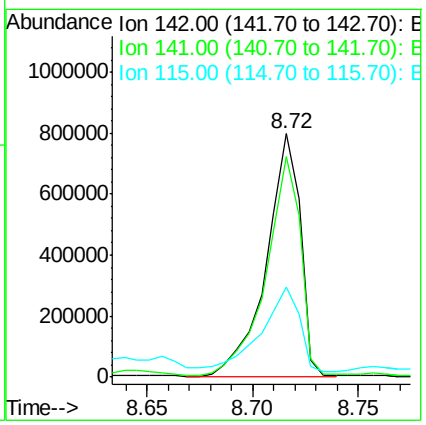
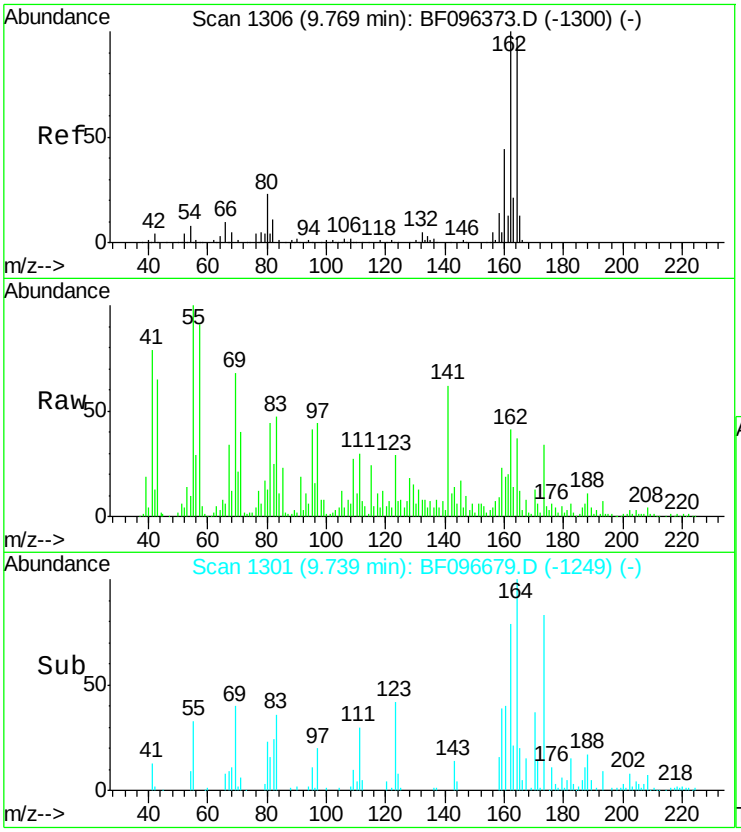


#37
2-Methylnaphthalene
Concen: 183.862 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:142 Resp: 885774

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	37.2	27.1	40.7

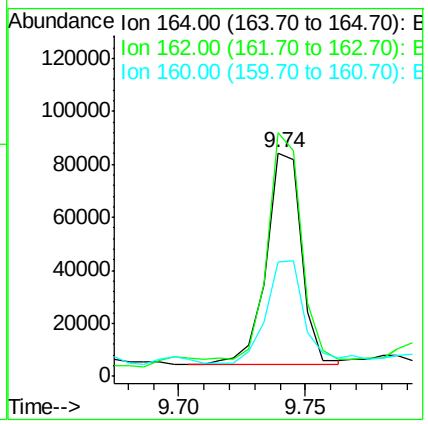




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:164 Resp: 77721

Ion	Ratio	Lower	Upper
164	100		
162	109.0	82.6	123.8
160	51.0	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

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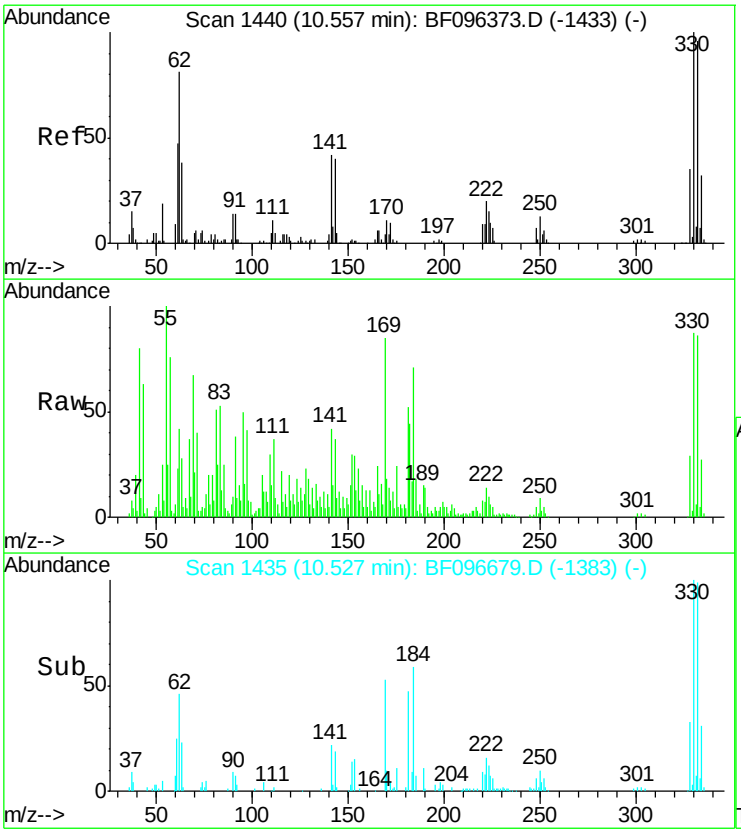
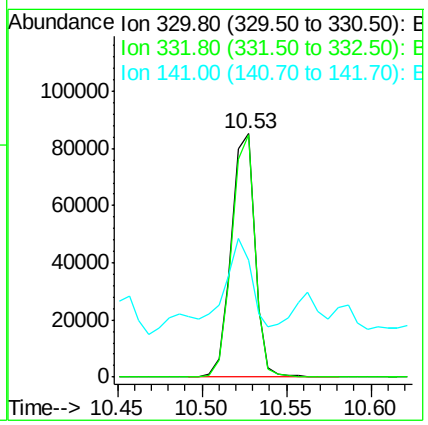
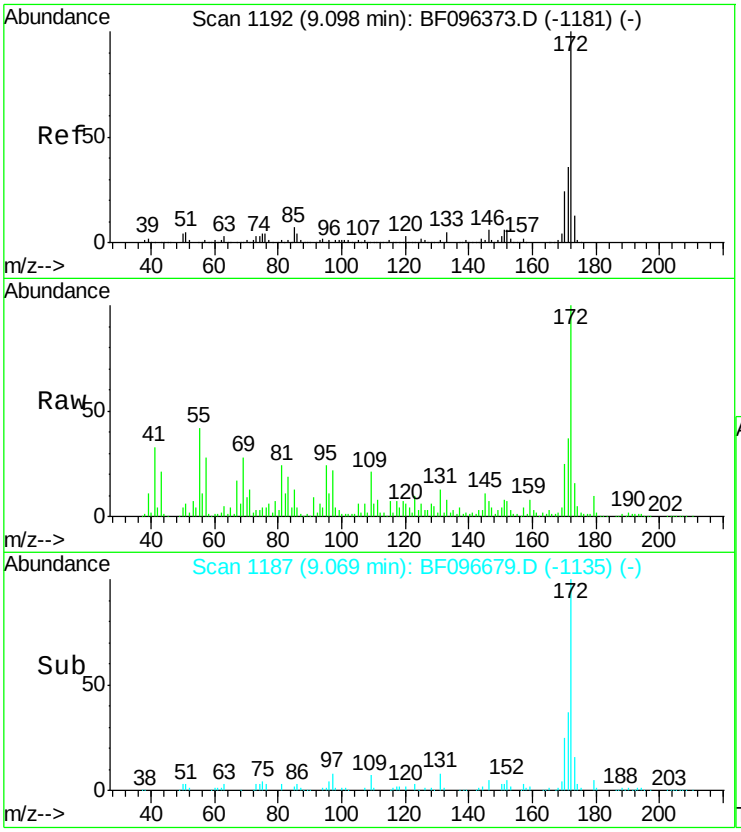


#41
2,4,6-Tribromophenol
Concen: 136.619 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:330 Resp: 82941

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	37.6	31.4	47.2





#44
2-Fluorobiphenyl
Concen: 100.483 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:172 Resp: 456766

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	19.8	29.8

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

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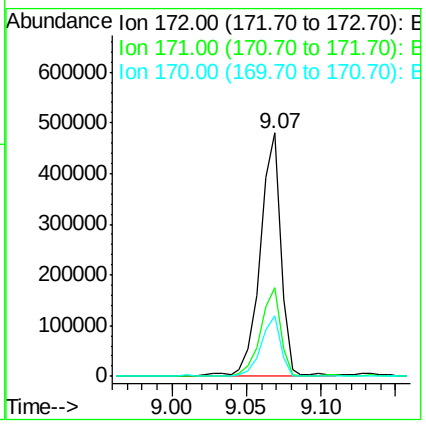
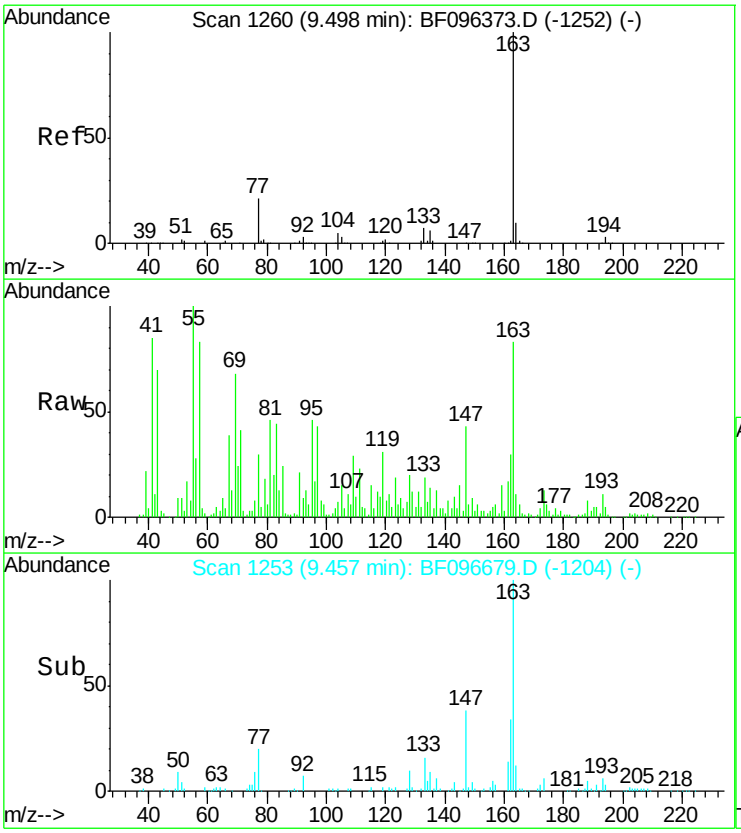
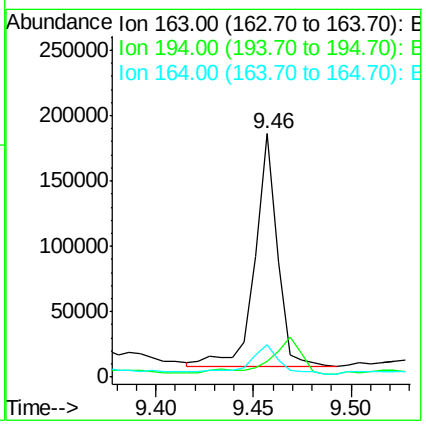


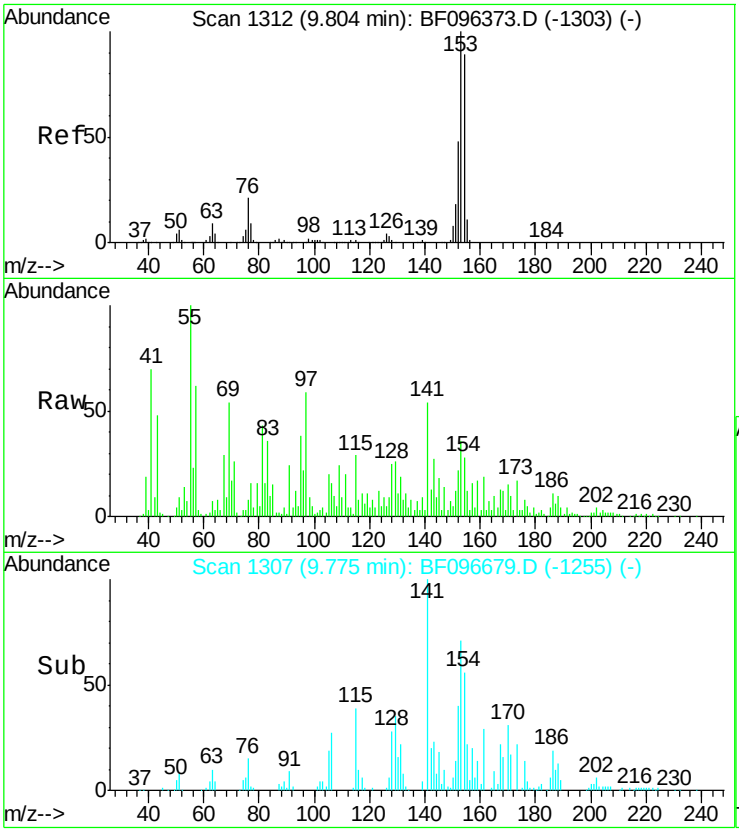


#49
Dimethylphthalate
Concen: 24.747 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:163 Resp: 143581

Ion	Ratio	Lower	Upper
163	100		
194	6.4	2.6	4.0#
164	13.4	8.4	12.6#

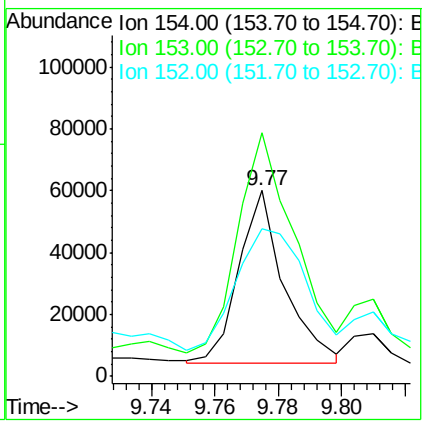




#51
Acenaphthene
Concen: 11.452 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:154 Resp: 55508

Ion	Ratio	Lower	Upper
154	100		
153	131.1	90.5	135.7
152	79.4	43.6	65.4#



Instrument :
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ClientSampleId :
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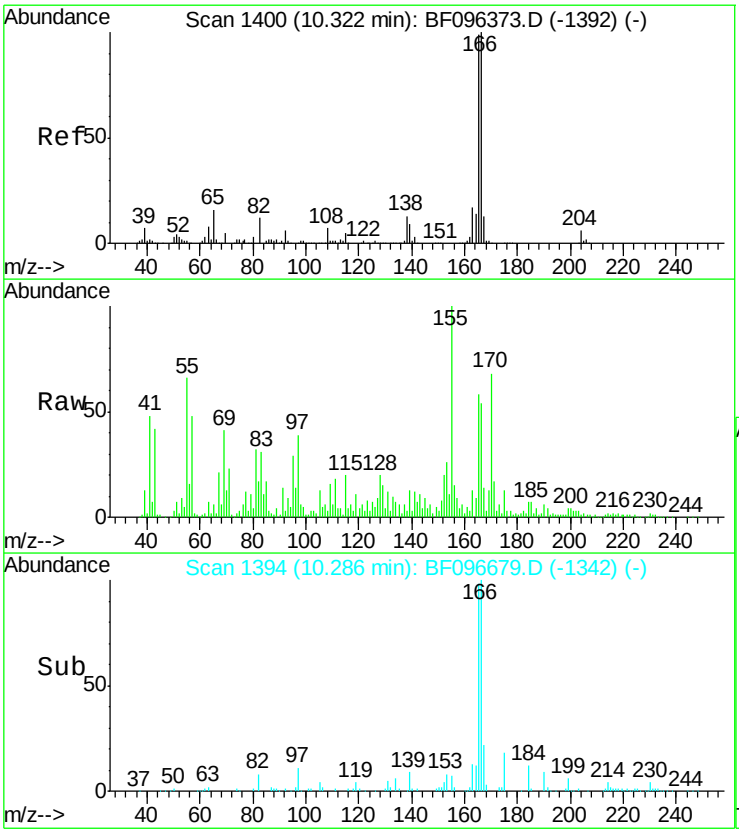
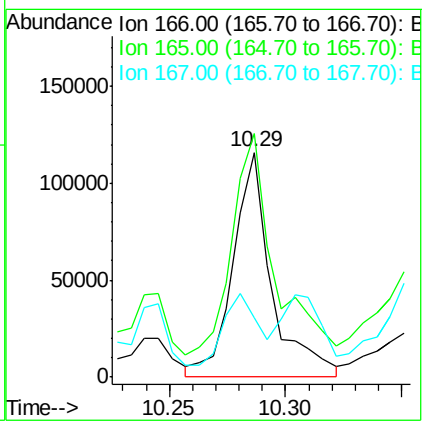
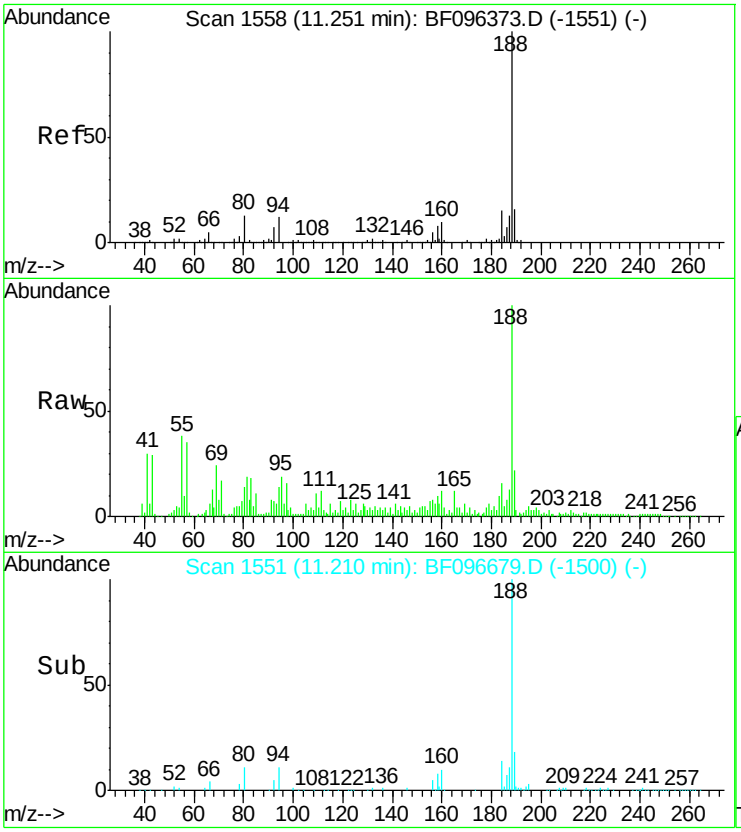


#57
Fluorene
Concen: 29.670 ng m
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:166 Resp: 134103

Ion	Ratio	Lower	Upper
166	100		
165	108.5	78.8	118.2
167	26.7	10.6	16.0#





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:188 Resp: 171073

Ion	Ratio	Lower	Upper
188	100		
94	14.3	9.4	14.2#
80	14.0	10.2	15.2

Instrument :
BNA_F
ClientSampleId :
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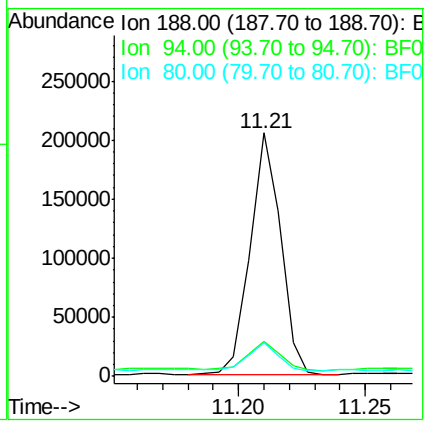
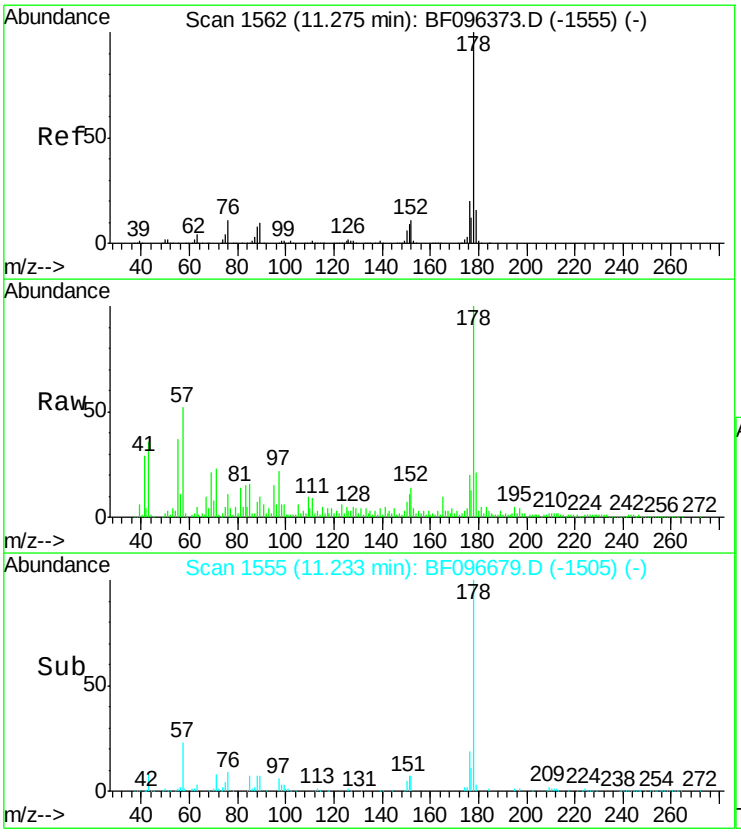
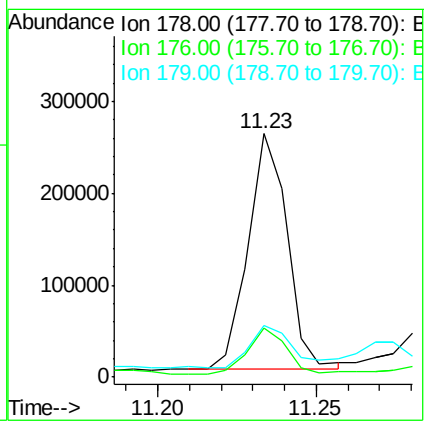


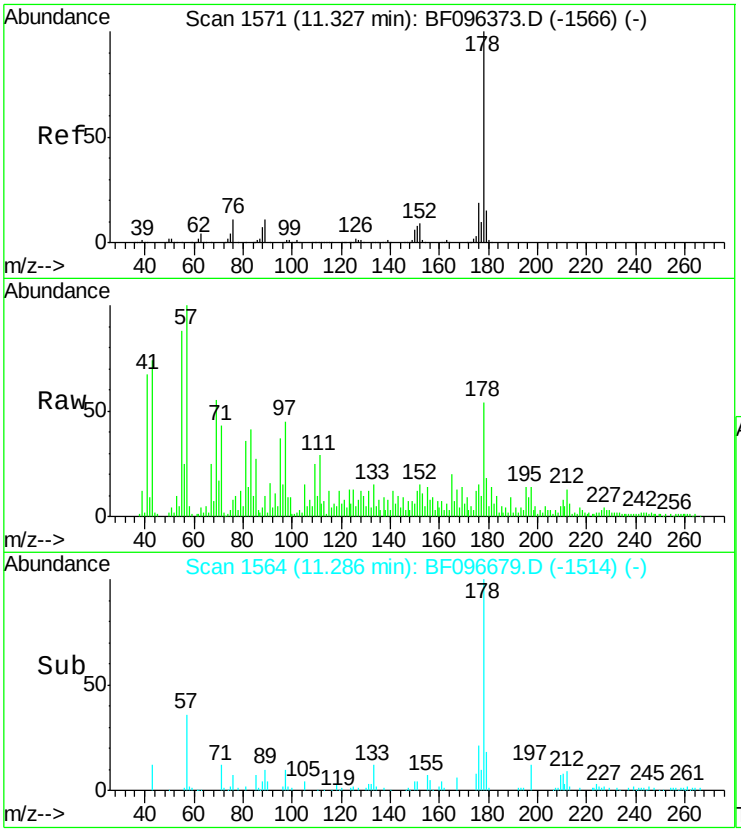


#70
Phenanthrene
Concen: 23.893 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:178 Resp: 220956

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	21.0	12.6	19.0#





#71
Anthracene
Concen: 5.415 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:178 Resp: 51032

Ion	Ratio	Lower	Upper
178	100		
176	26.9	15.8	23.8#
179	32.3	12.7	19.1#

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

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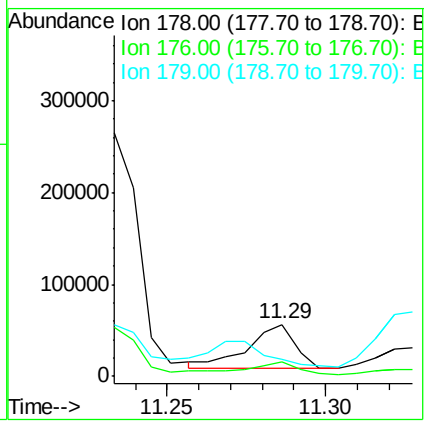
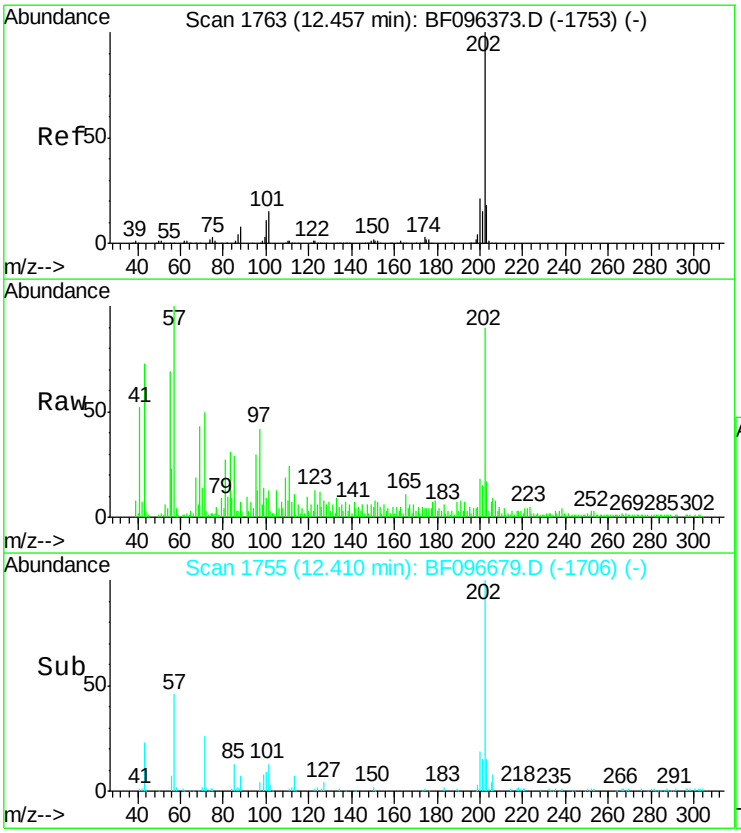
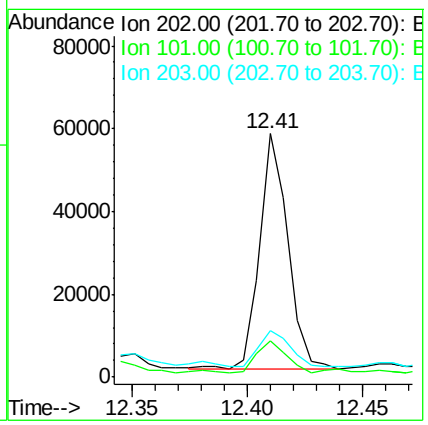


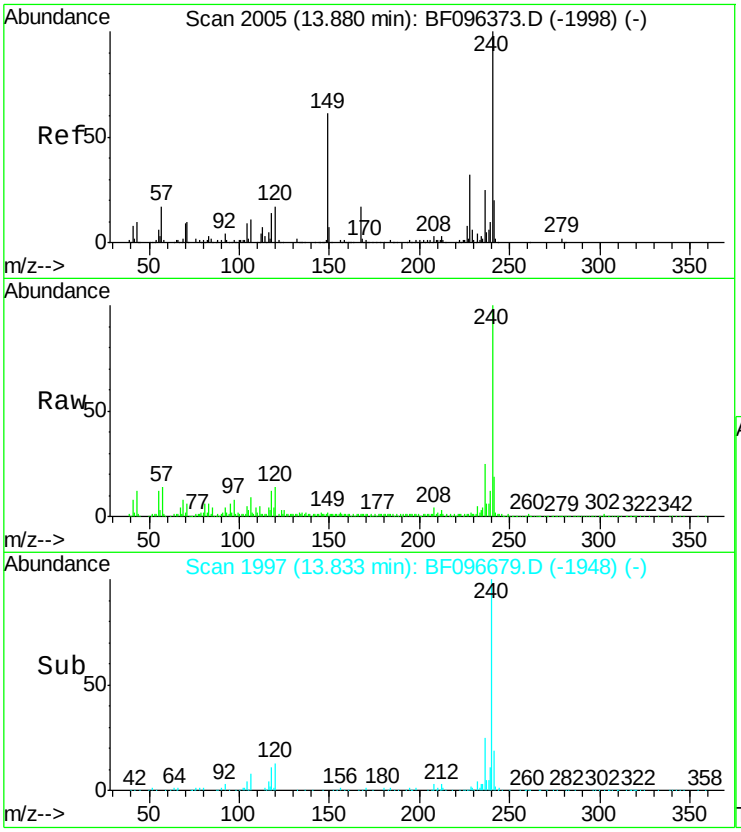


#74
Fluoranthene
Concen: 5.392 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:202 Resp: 48890

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.2
203	19.1	0.0	38.1





#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:240 Resp: 196157

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.0	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

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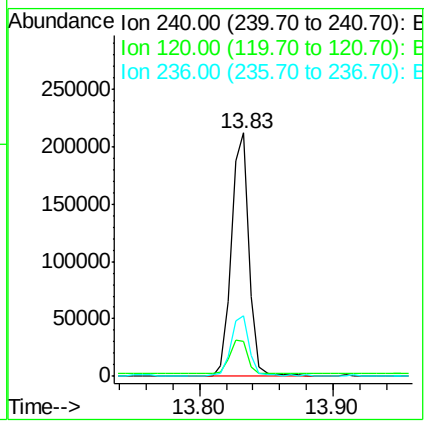
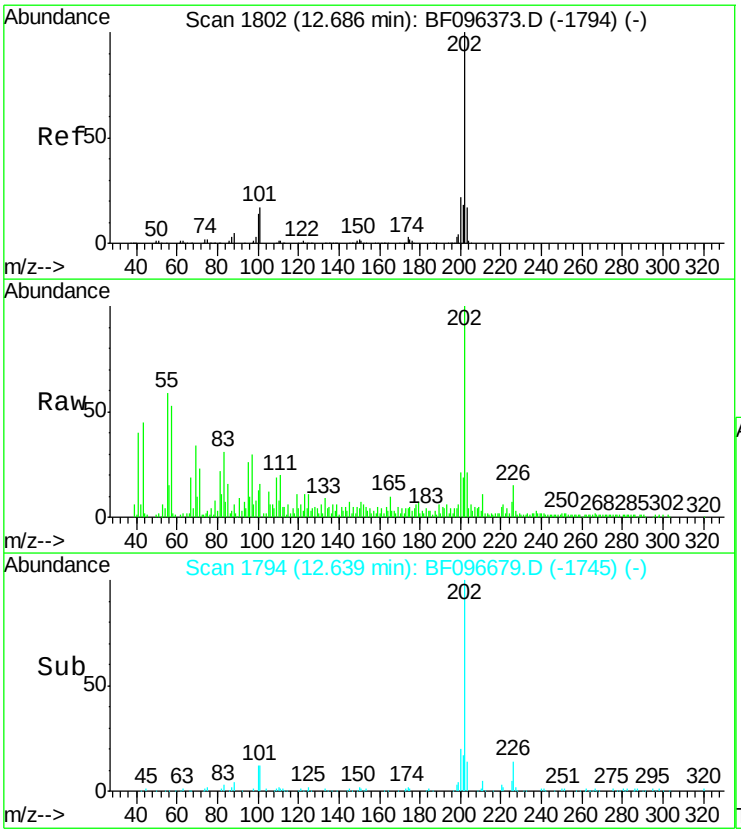
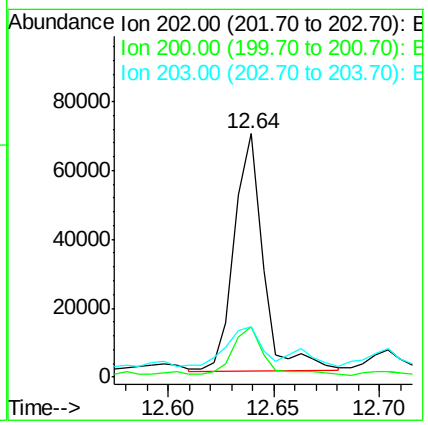


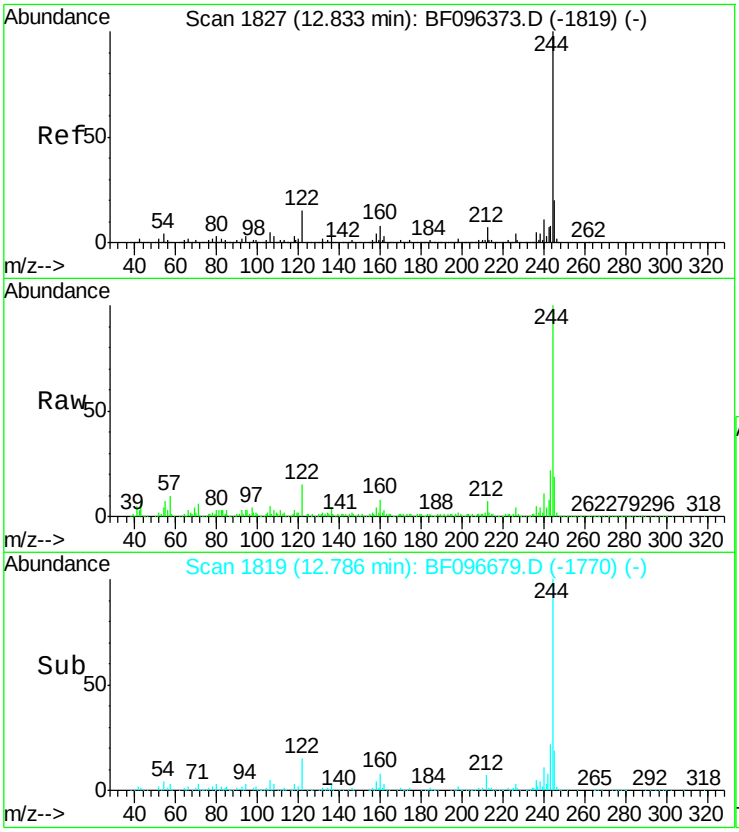


#77
Pyrene
Concen: 4.120 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:202 Resp: 64864

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	20.9	14.4	21.6

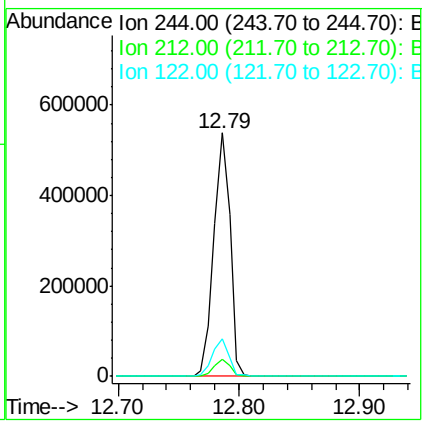




#78
Terphenyl-d14
Concen: 53.928 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:244 Resp: 495045

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	15.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASE

Manual Integrations APPROVED
mohammad
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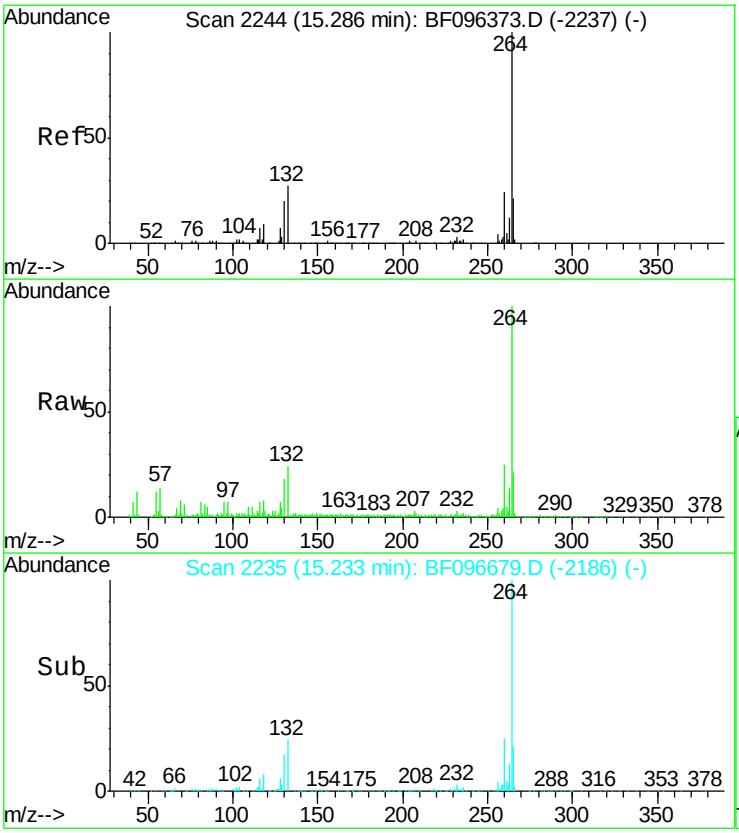

#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096679.D
Acq: 12 Jul 2017 8:23

Tgt Ion:264 Resp: 180343

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	21.2	17.2	25.8