Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086922.D
Acq On : 12 May 2016 9:19
Operator : UM/SJ
Sample : H2961-02DL 50X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-4DL

Quant Time: May 12 15:47:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 15:26:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	133412	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	525964	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	211757	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	317890	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	329890	20.00	ng		-0.01
86) Perylene-d12	15.13	264	247627	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	22018	2.79	ng		0.00
7) Phenol-d6	6.31	99	28868	2.74	ng		-0.01
23) Nitrobenzene-d5	7.21	82	21393	2.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	3559	1.59	ng		-0.01
44) 2-Fluorobiphenyl	8.99	172	35850	2.85	ng		-0.01
78) Terphenyl-d14	12.73	244	28848	1.86	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.94	128	1298792	49.30	ng		98
37) 2-Methylnaphthalene	8.63	142	266803m	17.32	ng		
45) 1,1'-Biphenyl	9.10	154	44291	2.63	ng		98
51) Acenaphthene	9.70	154	128928	10.68	ng		98
57) Fluorene	10.22	166	73335	5.55	ng		97
70) Phenanthrene	11.16	178	253054	14.92	ng		99
71) Anthracene	11.22	178	75828	4.37	ng		98
74) Fluoranthene	12.35	202	81737	4.68	ng		92
77) Pyrene	12.58	202	125095	4.95	ng		99
80) Benzo(a)anthracene	13.76	228	45418	2.45	ng	#	76

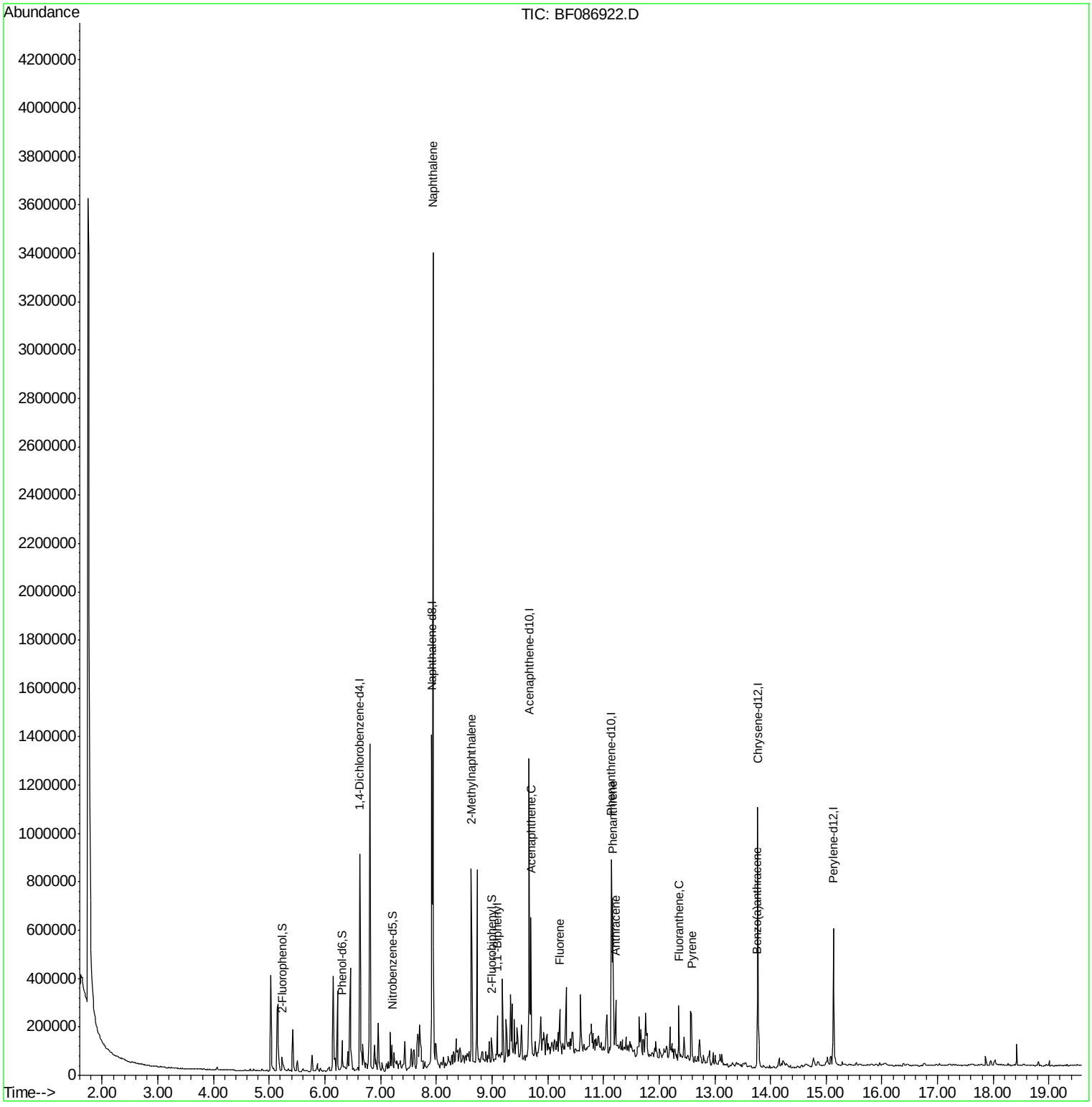
(#) = qualifier out of range (m) = manual integration (+) = signals summed

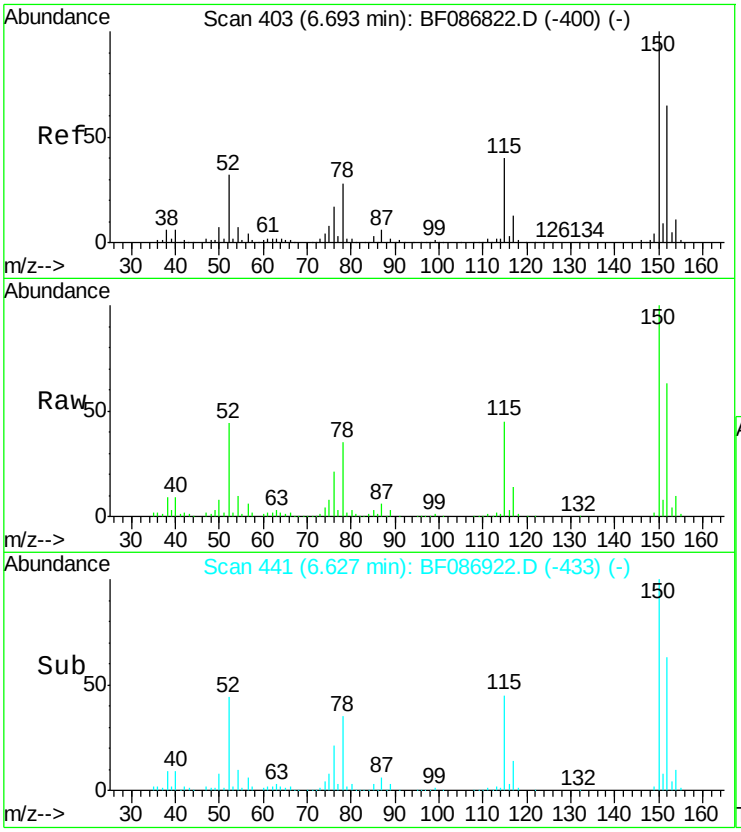
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086922.D
Acq On : 12 May 2016 9:19
Operator : UM/SJ
Sample : H2961-02DL 50X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Quant Time: May 12 15:47:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 15:26:18 2016
Response via : Initial Calibration



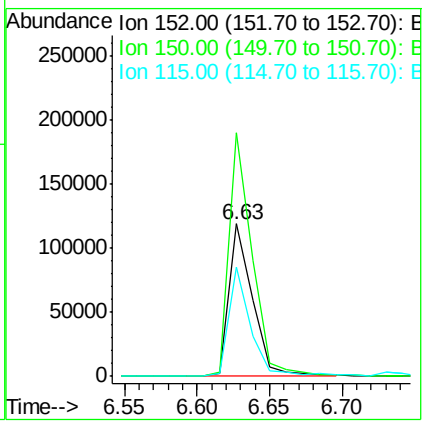


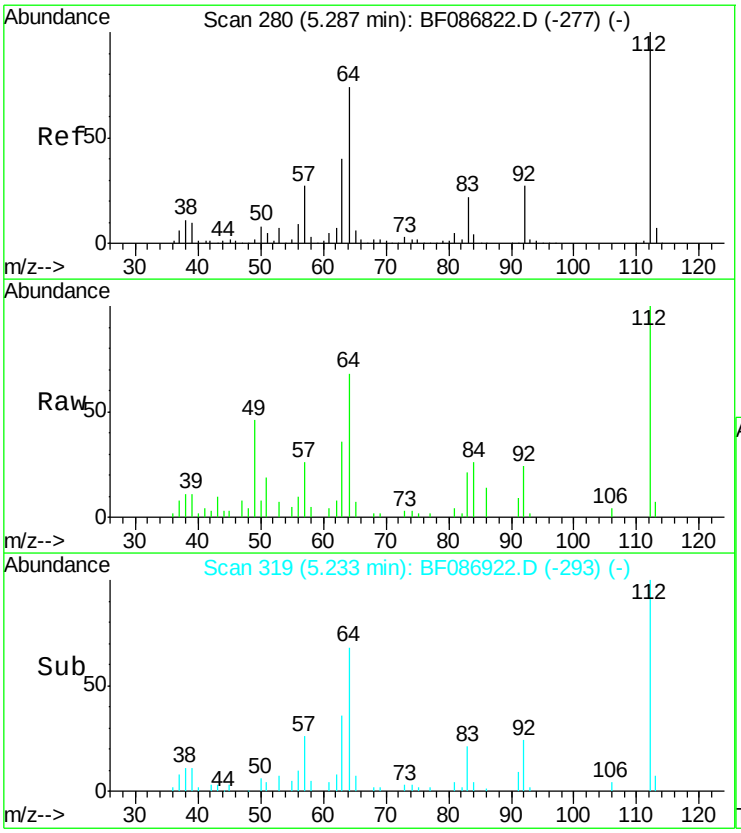
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:152 Resp: 133412

Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.8	188.6
115	71.7	51.5	77.3

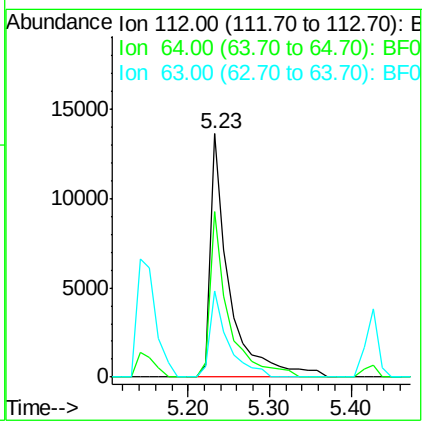


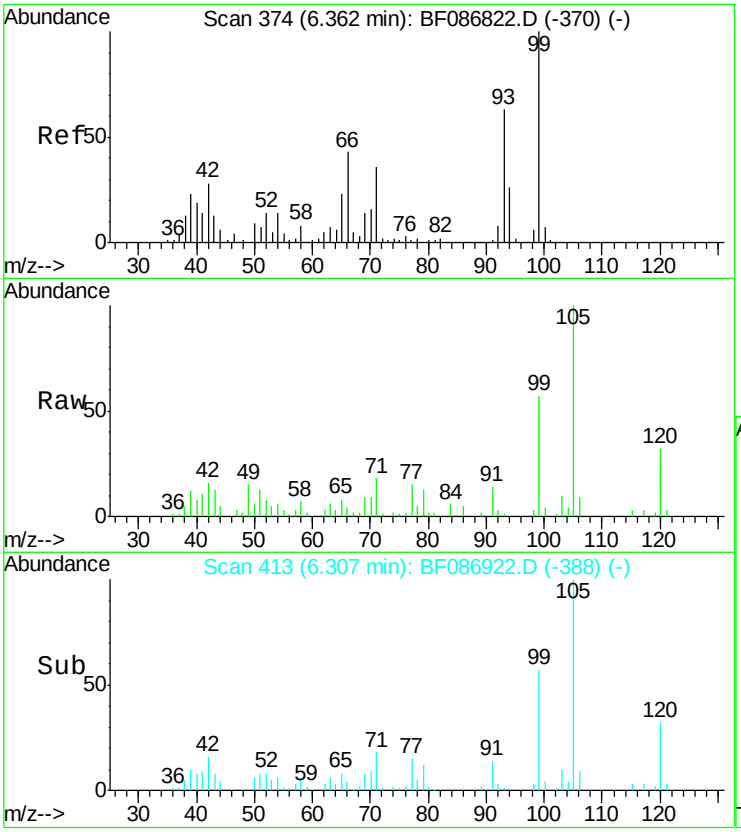


#5
2-Fluorophenol
Concen: 2.79 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.00 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:112 Resp: 22018

Ion	Ratio	Lower	Upper
112	100		
64	68.1	52.1	78.1
63	35.5	25.7	38.5



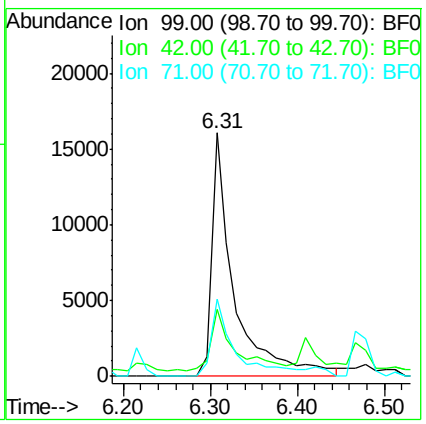


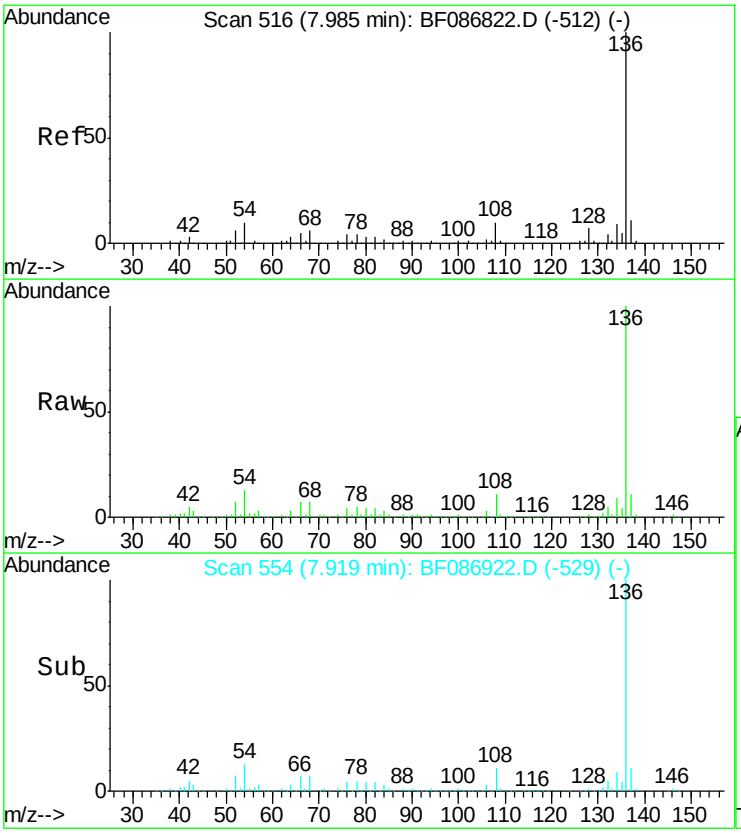
#7
Phenol-d6
Concen: 2.74 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion: 99 Resp: 28868

Ion	Ratio	Lower	Upper
99	100		
42	27.7	13.6	20.4#
71	31.8	24.6	36.8

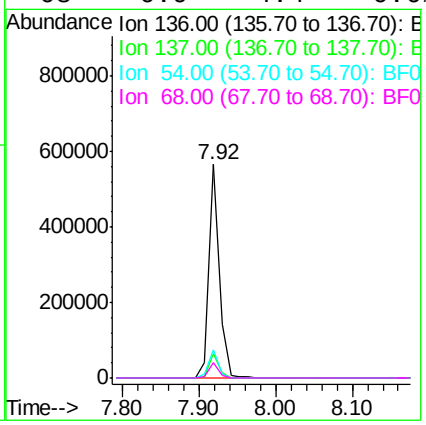


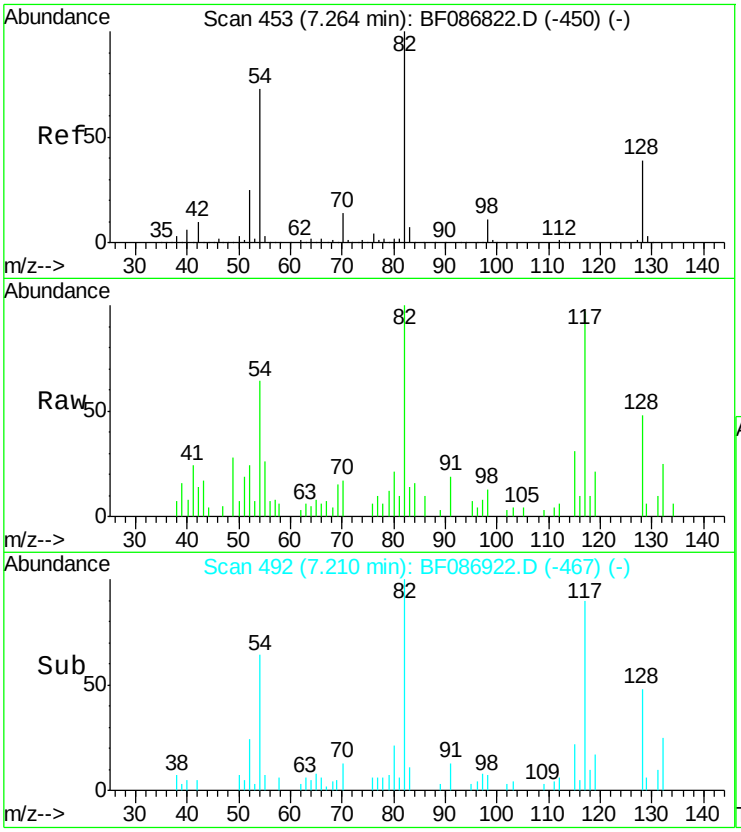


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:136 Resp: 525964

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.0	5.0	7.4#
68	6.9	4.4	6.6#



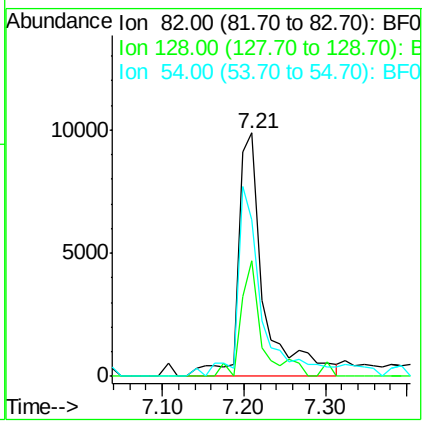


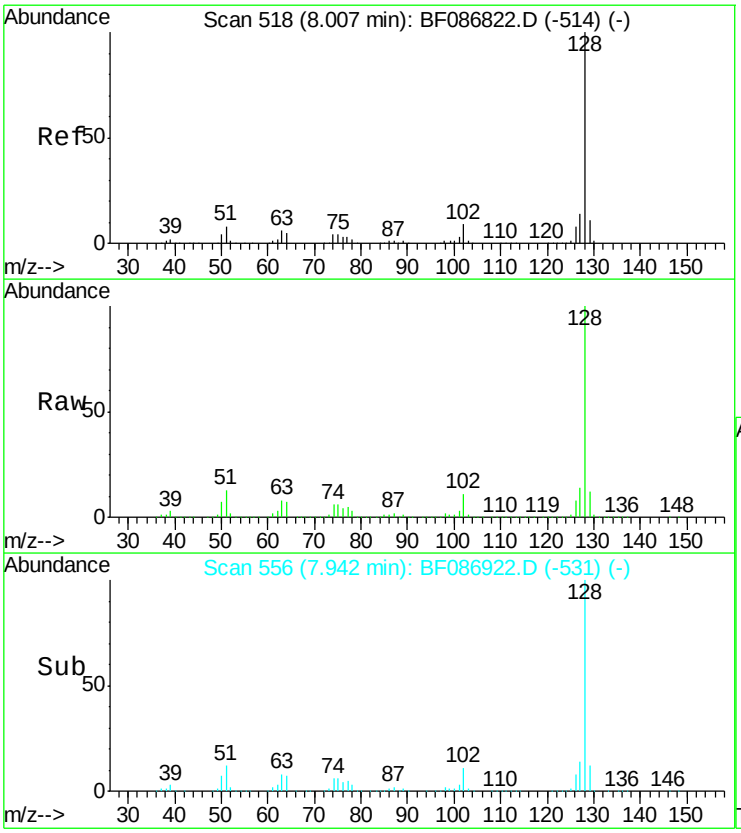
#23
Nitrobenzene-d5
Concen: 2.04 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion: 82 Resp: 21393

Ion	Ratio	Lower	Upper
82	100		
128	47.7	40.6	61.0
54	64.1	38.1	57.1#

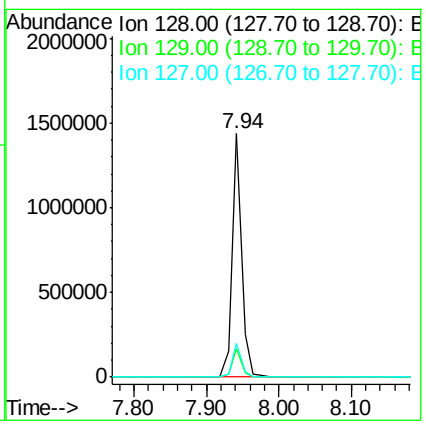


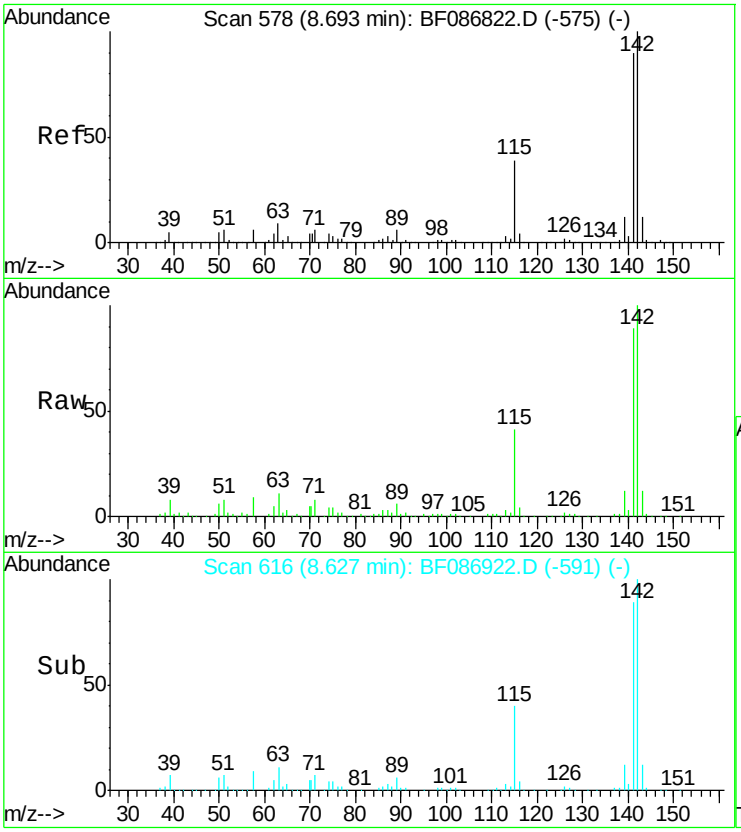


#31
Naphthalene
Concen: 49.30 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:128 Resp: 1298792

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.9	10.8	16.2



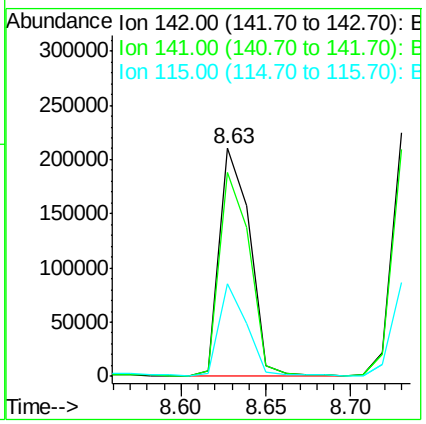


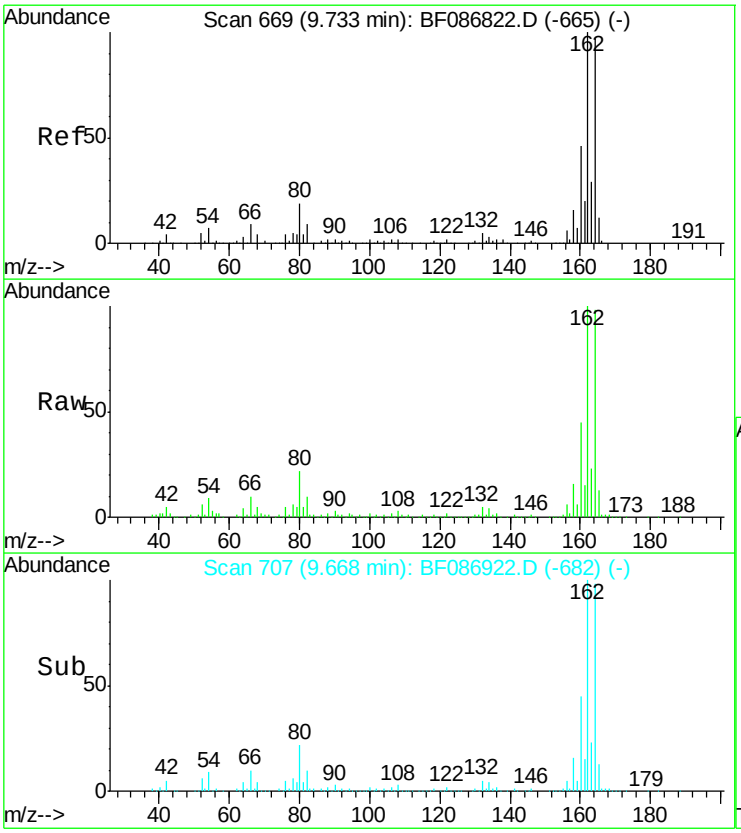
#37
2-Methylnaphthalene
Concen: 17.32 ng m
RT: 8.63 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:142 Resp: 266803

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	40.6	26.6	39.8#

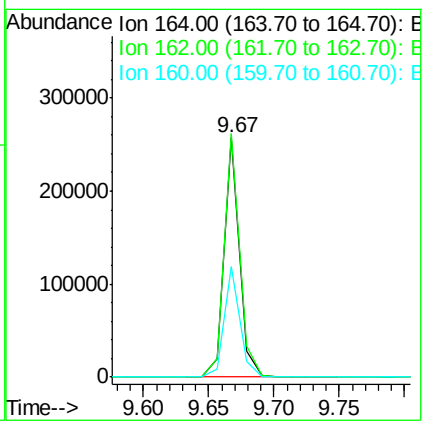


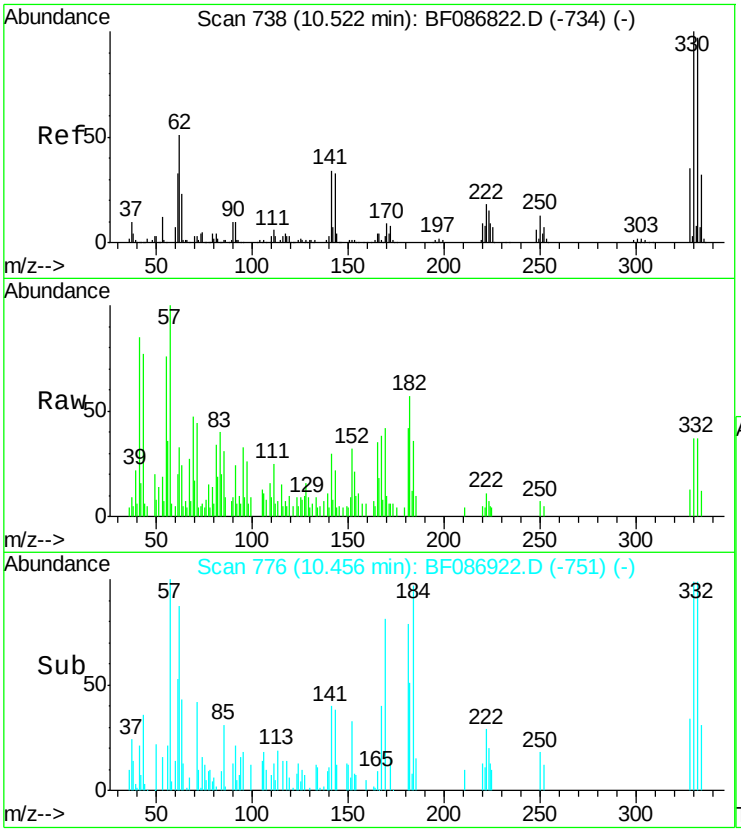


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:164 Resp: 211757

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	45.9	36.9	55.3



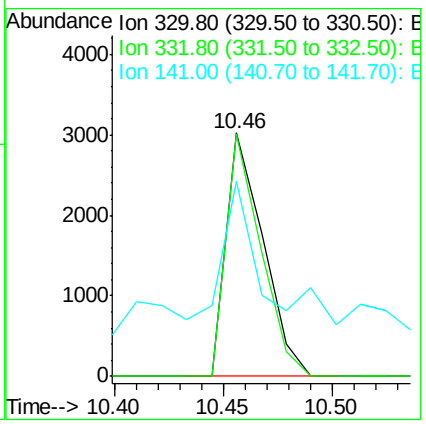


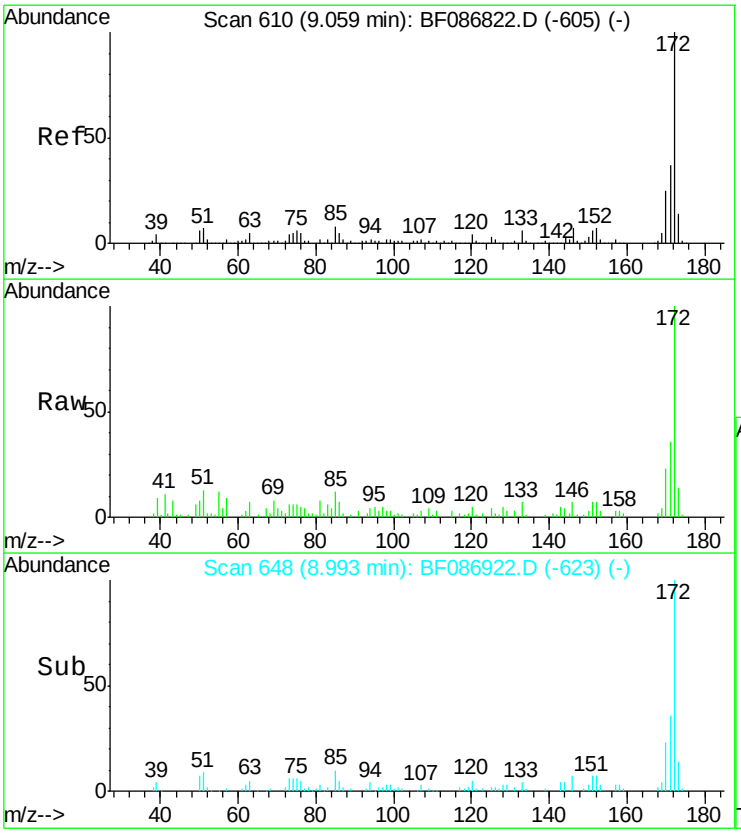
#41
2,4,6-Tribromophenol
Concen: 1.59 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:330 Resp: 3559

Ion	Ratio	Lower	Upper
330	100		
332	93.5	79.0	118.4
141	105.3	31.2	46.8#

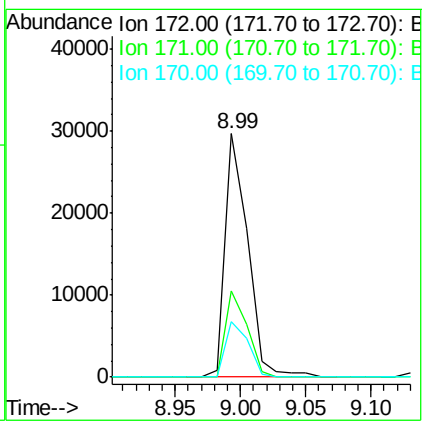


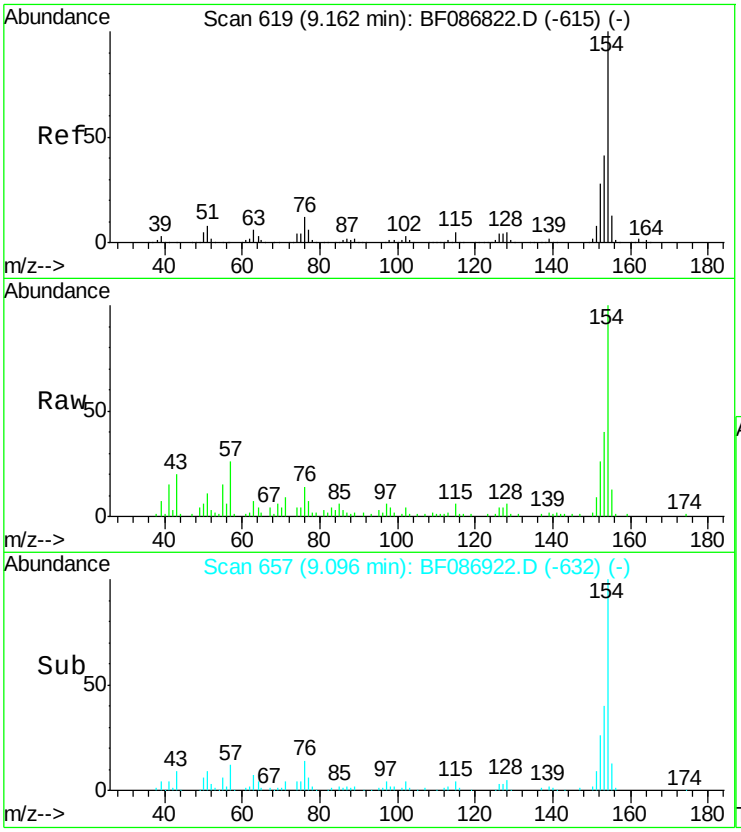


#44
2-Fluorobiphenyl
Concen: 2.85 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:172 Resp: 35850

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	22.7	19.8	29.8



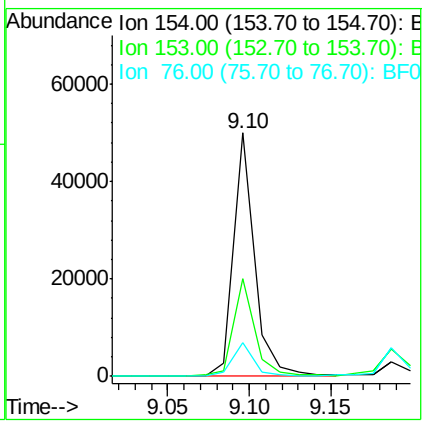


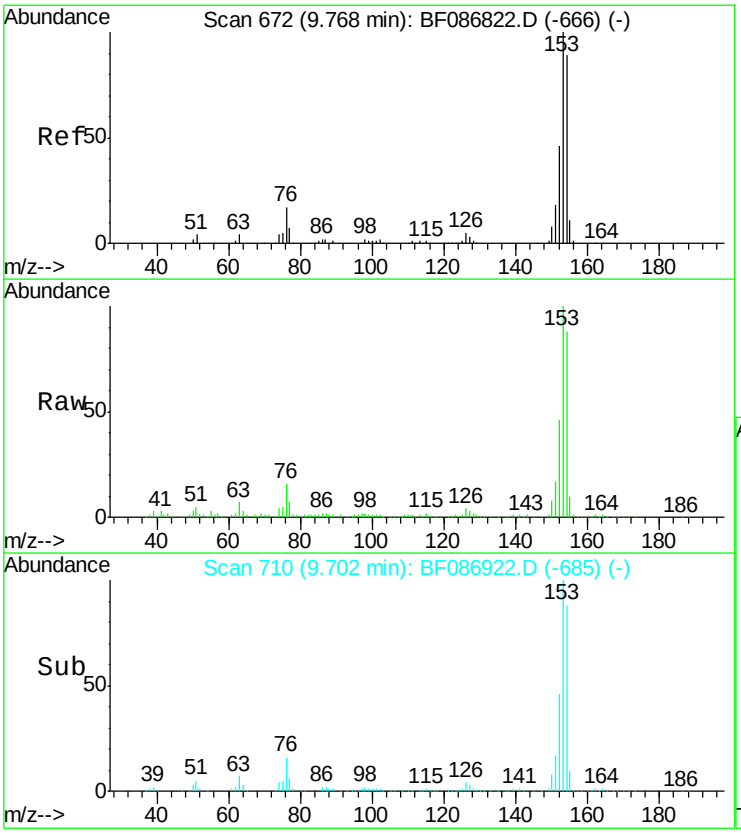
#45
1,1'-Biphenyl
Concen: 2.63 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:154 Resp: 44291

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.7	0.0	30.2

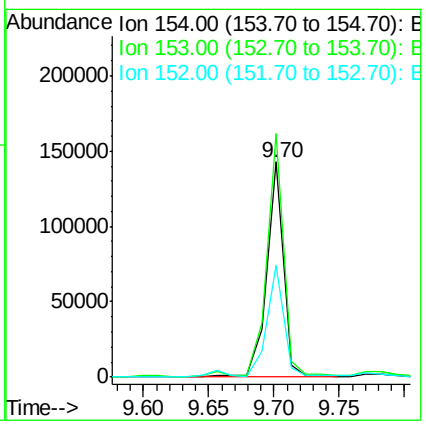


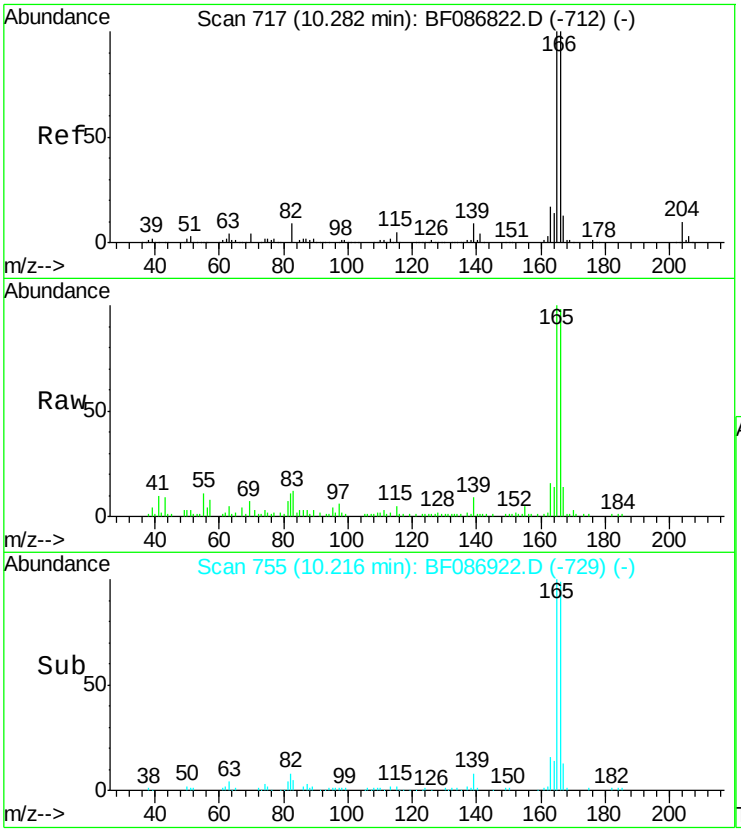


#51
Acenaphthene
Concen: 10.68 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:154 Resp: 128928

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.8	134.6
152	51.9	43.4	65.0



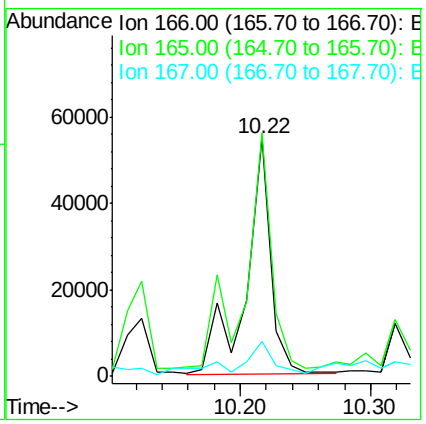


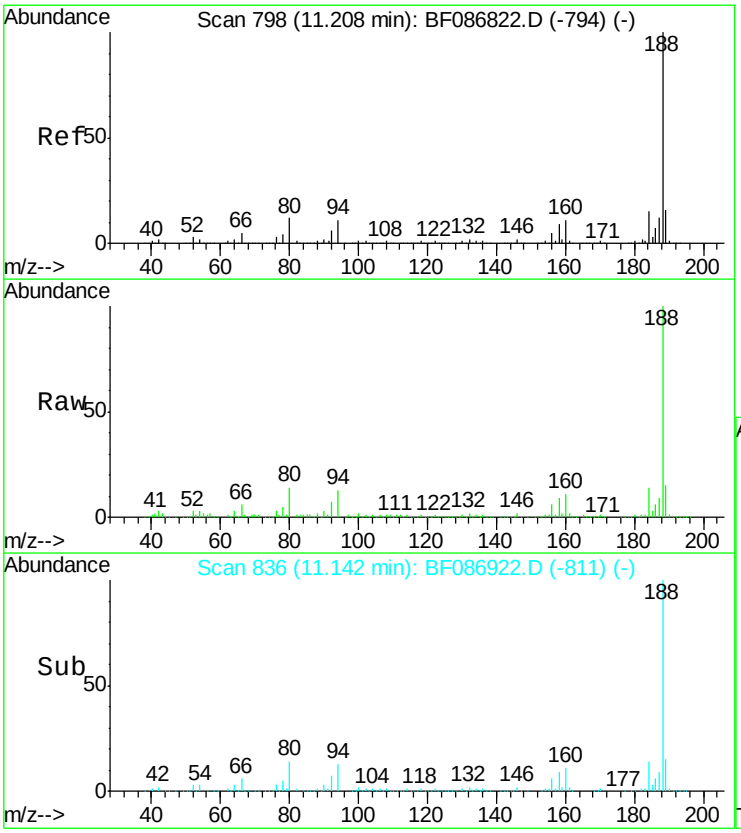
#57
Fluorene
Concen: 5.55 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:166 Resp: 73335

Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.0	118.6
167	14.5	10.6	15.8

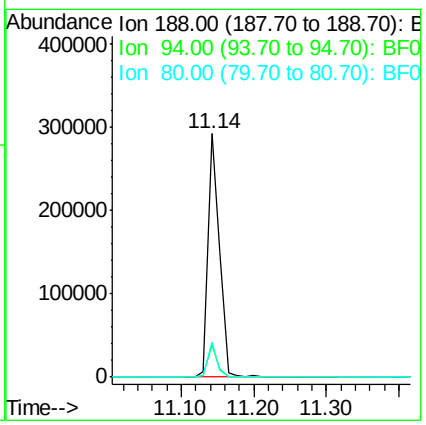


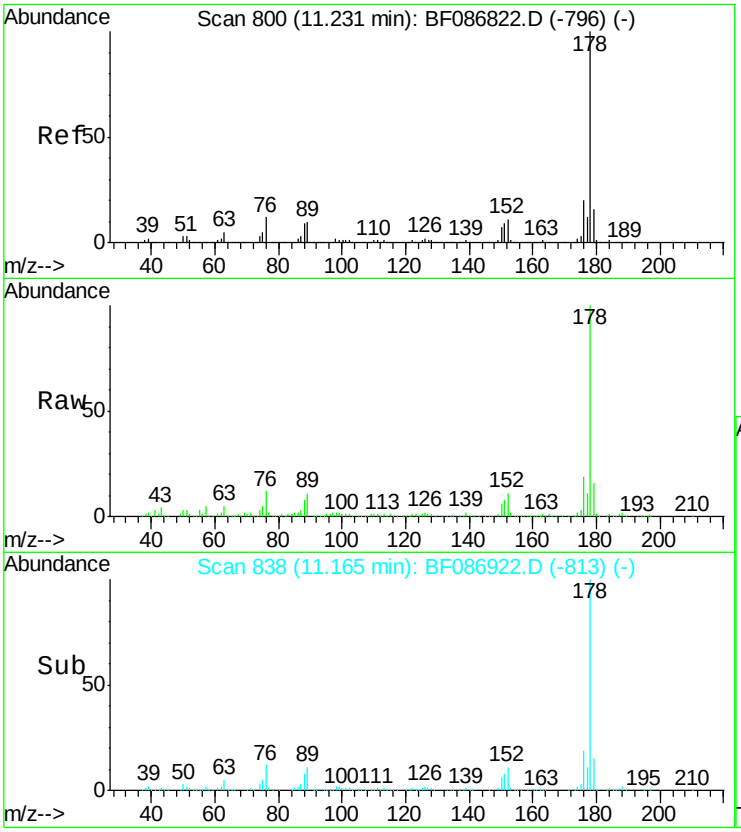


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:188 Resp: 317890

Ion	Ratio	Lower	Upper
188	100		
94	13.4	6.8	10.2#
80	14.5	7.1	10.7#



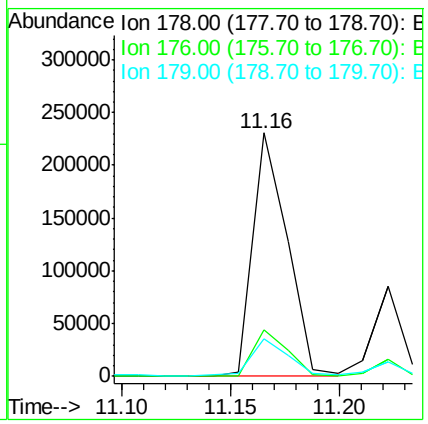


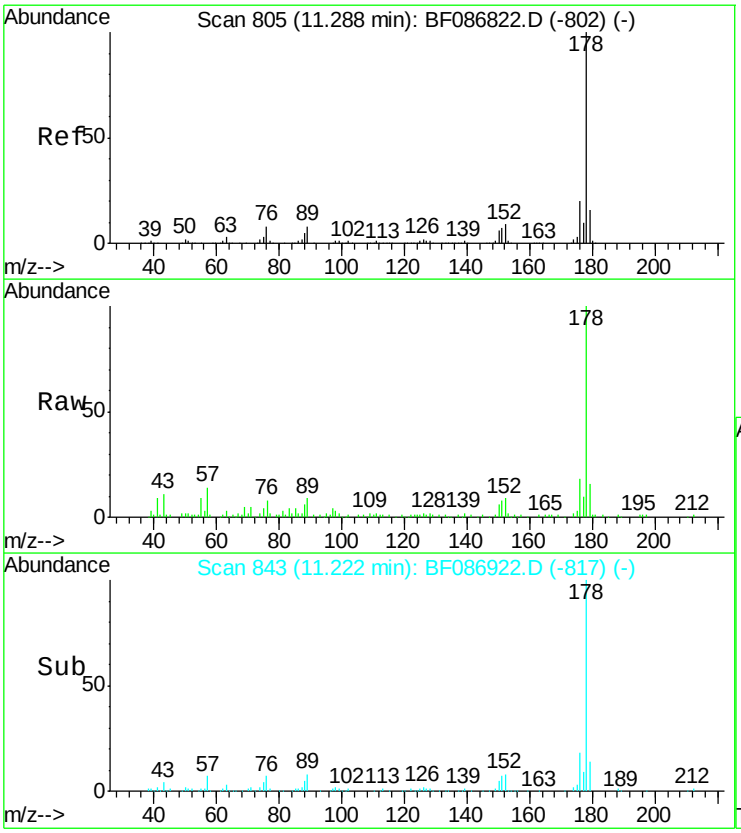
#70
Phenanthrene
Concen: 14.92 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:178 Resp: 253054

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.6	12.6	18.8

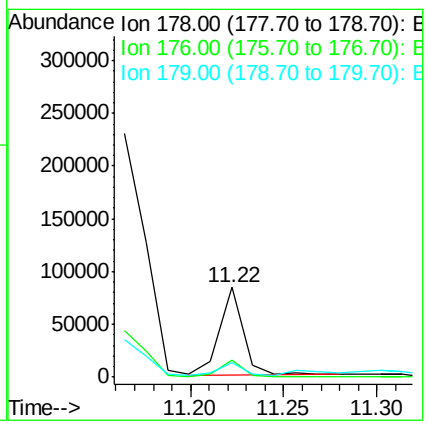


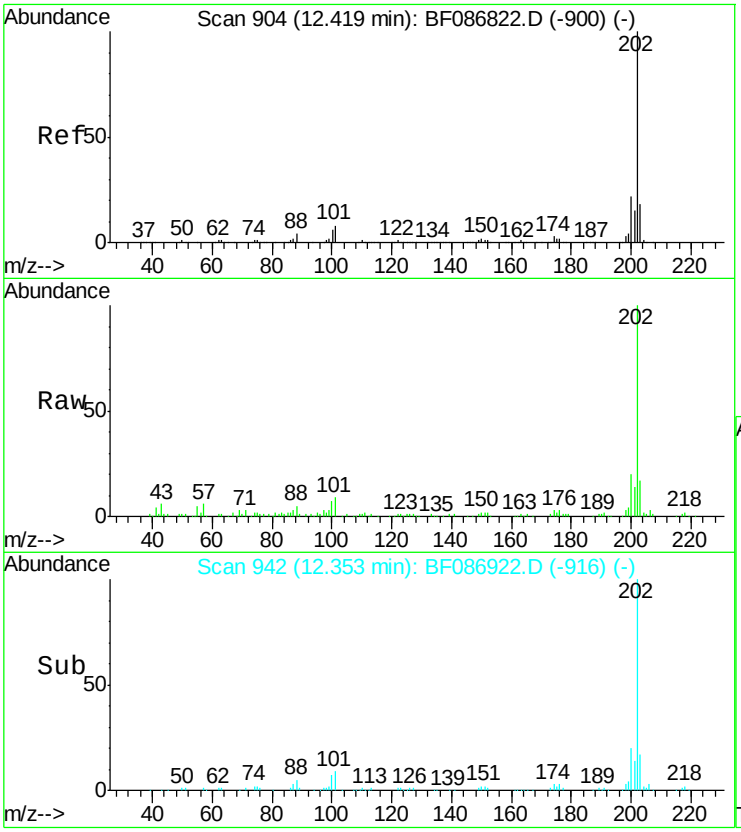


#71
Anthracene
Concen: 4.37 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:178 Resp: 75828

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.7	12.7	19.1



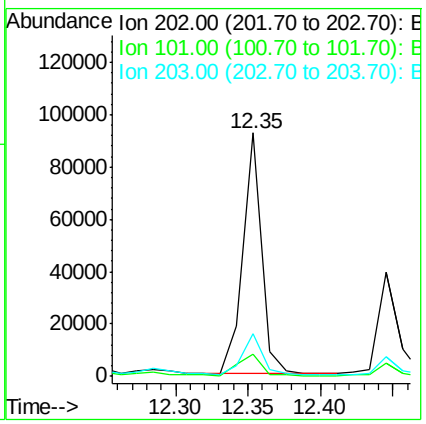


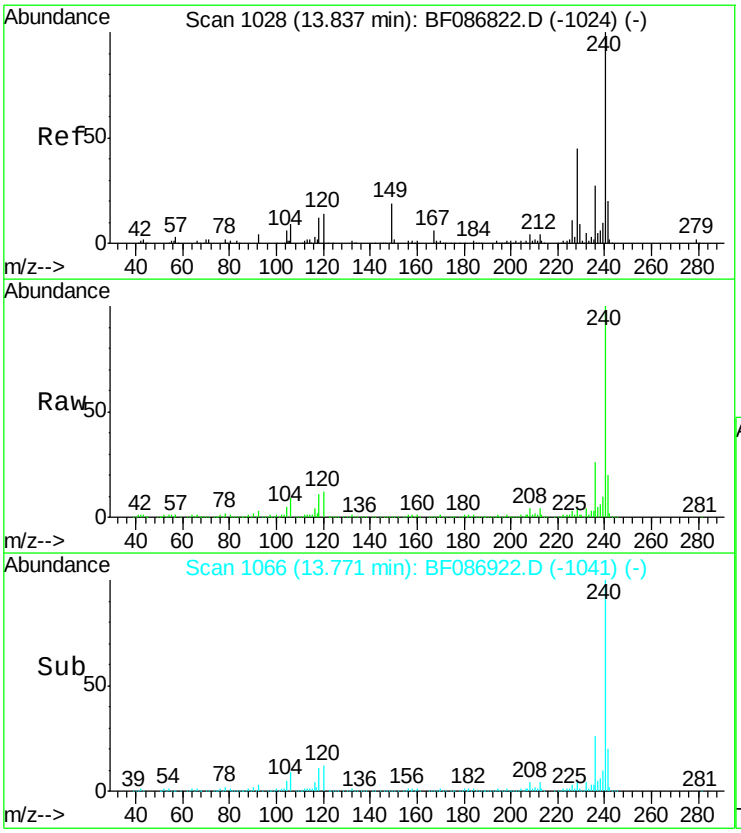
#74
Fluoranthene
Concen: 4.68 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:202 Resp: 81737

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	35.4
203	17.4	0.0	38.1

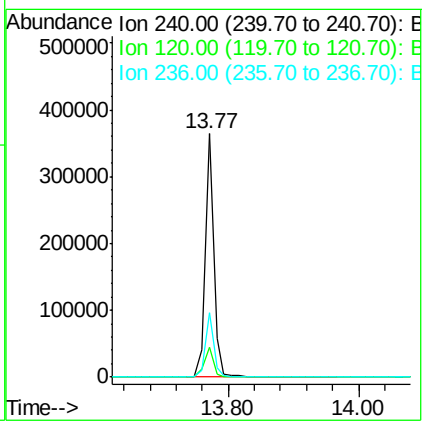


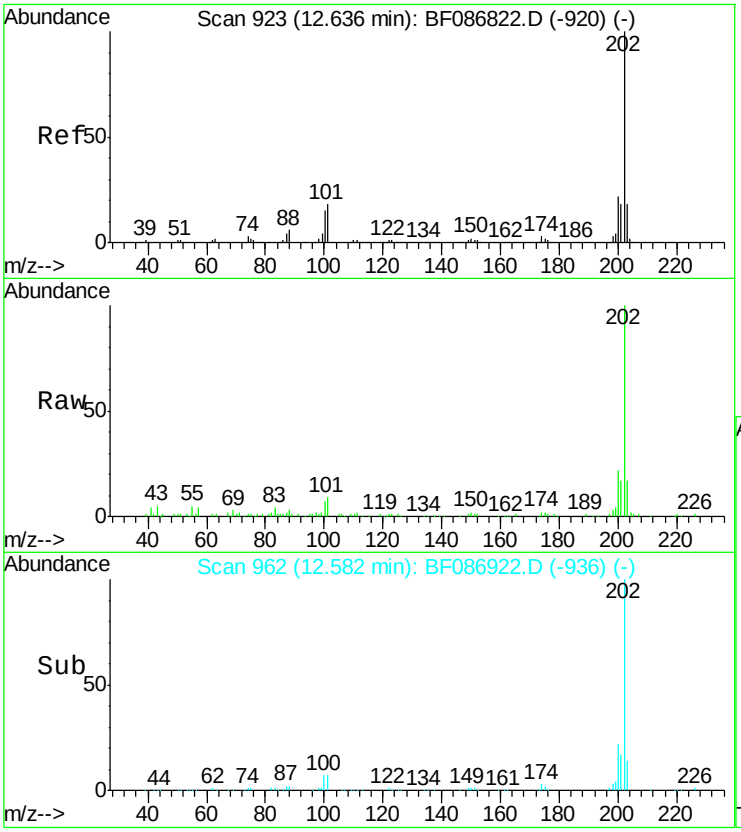


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:240 Resp: 329890

Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.2	16.8
236	26.5	21.2	31.8



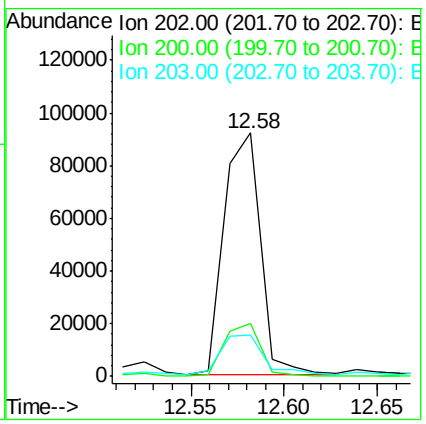


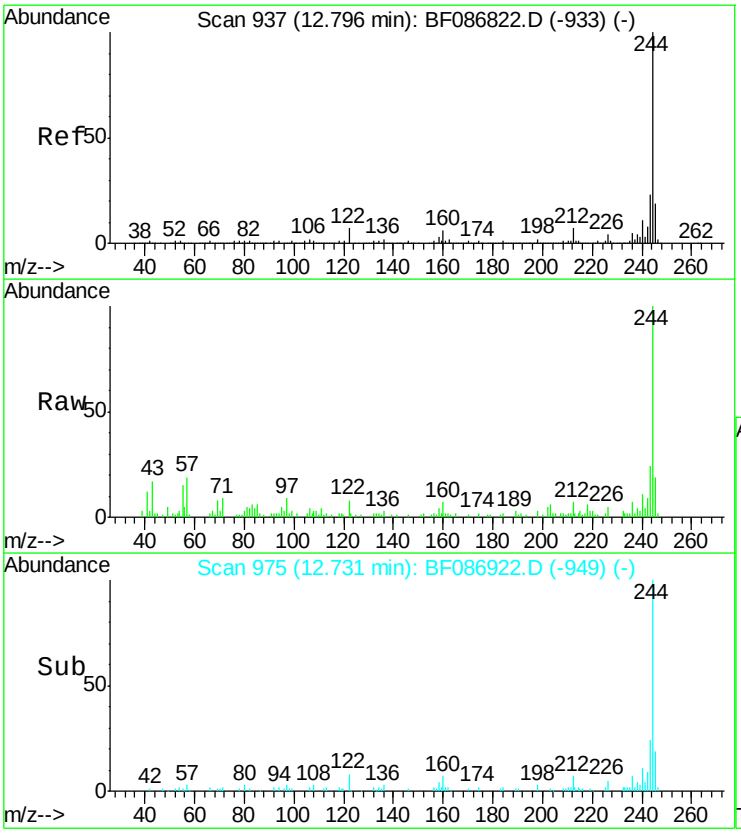
#77
Pyrene
Concen: 4.95 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:202 Resp: 125095

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.1	14.2	21.4

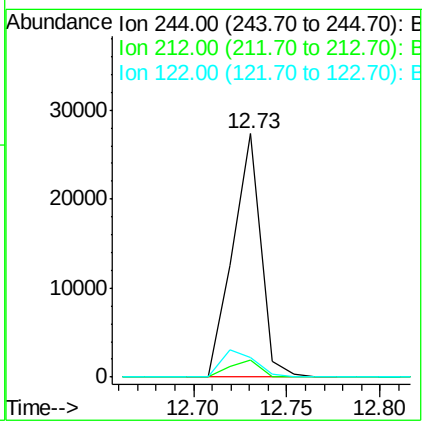


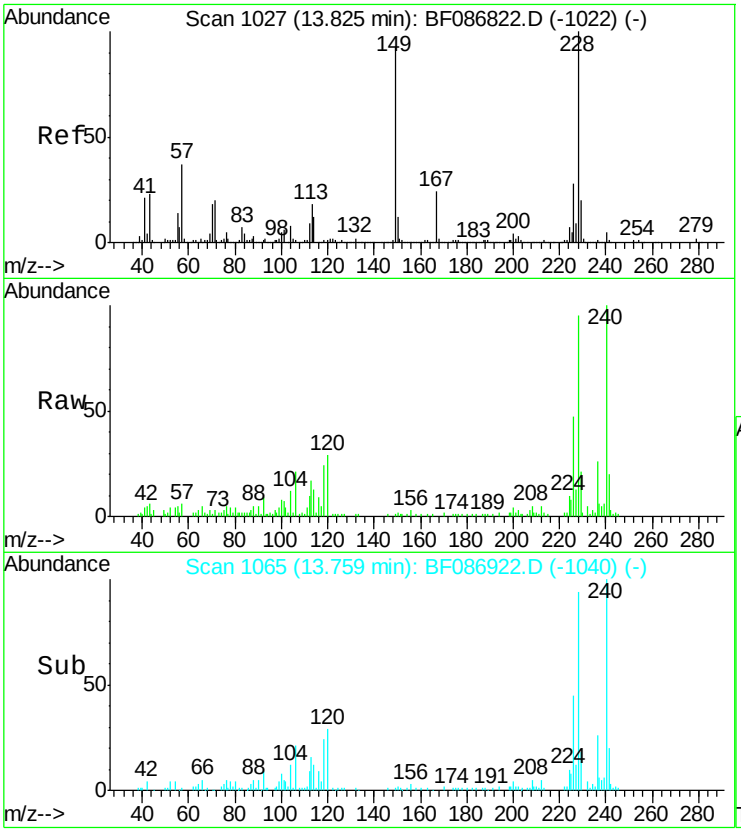


#78
Terphenyl-d14
Concen: 1.86 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:244 Resp: 28848

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	7.8	12.0	18.0#



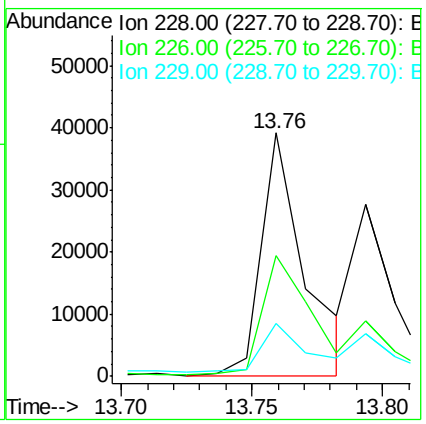


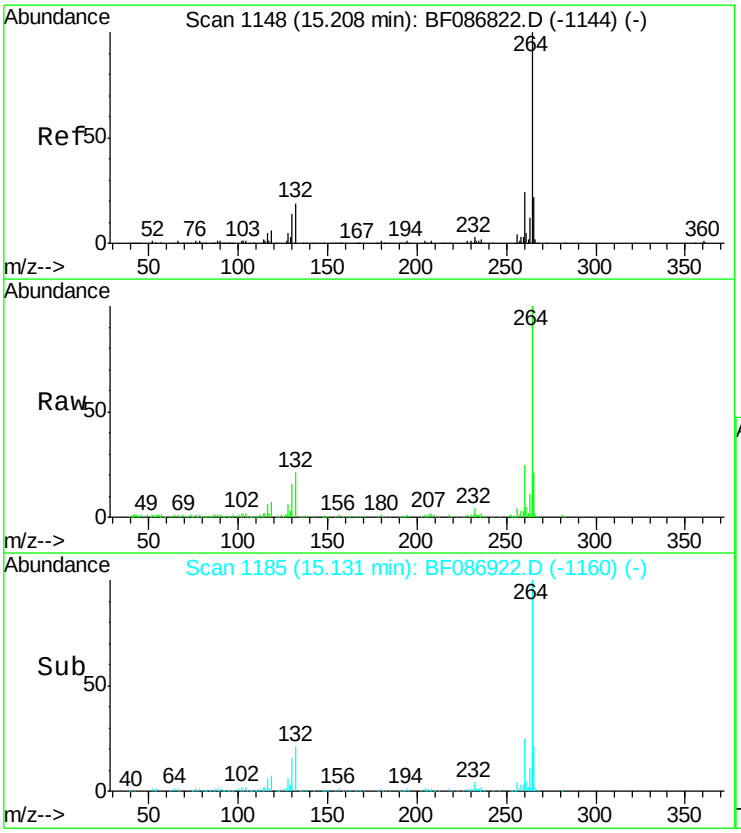
#80
Benzo(a)anthracene
Concen: 2.45 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-4DL

Tgt Ion:228 Resp: 45418

Ion	Ratio	Lower	Upper
228	100		
226	49.4	22.5	33.7#
229	21.8	16.6	25.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF086922.D
Acq: 12 May 2016 9:19

Tgt Ion:264 Resp: 247627

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.5	17.3	25.9