Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086266.D
Acq On : 16 Apr 2016 15:21
Operator : UM/SJ
Sample : H2471-14
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-1

Quant Time: Apr 18 04:11:27 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	269227	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1122726	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	477830	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	858423	20.00	ng	0.00
75) Chrysene-d12	14.04	240	502461	20.00	ng	-0.01
86) Perylene-d12	15.48	264	478926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	987031	60.07	ng	0.00
7) Phenol-d6	6.51	99	820983	39.94	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1746598	89.73	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	487678	127.10	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2559292	98.83	ng	-0.01
78) Terphenyl-d14	13.00	244	1736386	86.90	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	246371	18.73	ng	# 80
22) Acetophenone	7.30	105	13570	Below Cal		# 93
50) 2,6-Dinitrotoluene	9.93	165	63014	8.20	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	63017	6.40	ng	# 31
57) Fluorene	10.72	166	22684	Below Cal		# 91
66) 4-Bromophenyl-phenylether	10.72	248	29021	3.63	ng	# 1
71) Anthracene	11.44	178	904	Below Cal		# 59
74) Fluoranthene	12.61	202	678	Below Cal		61

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

Quantitation Report (Not Reviewed)

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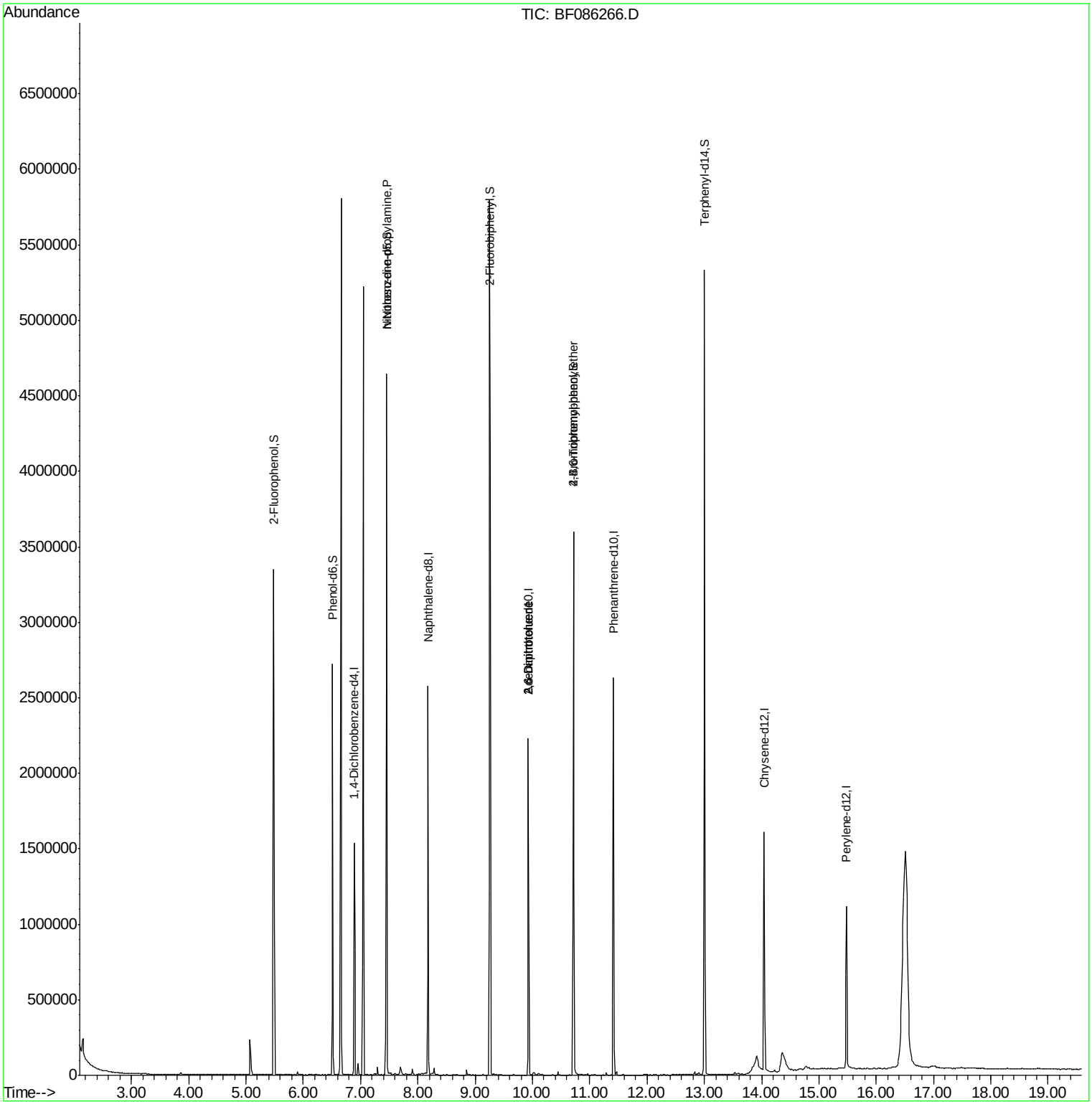
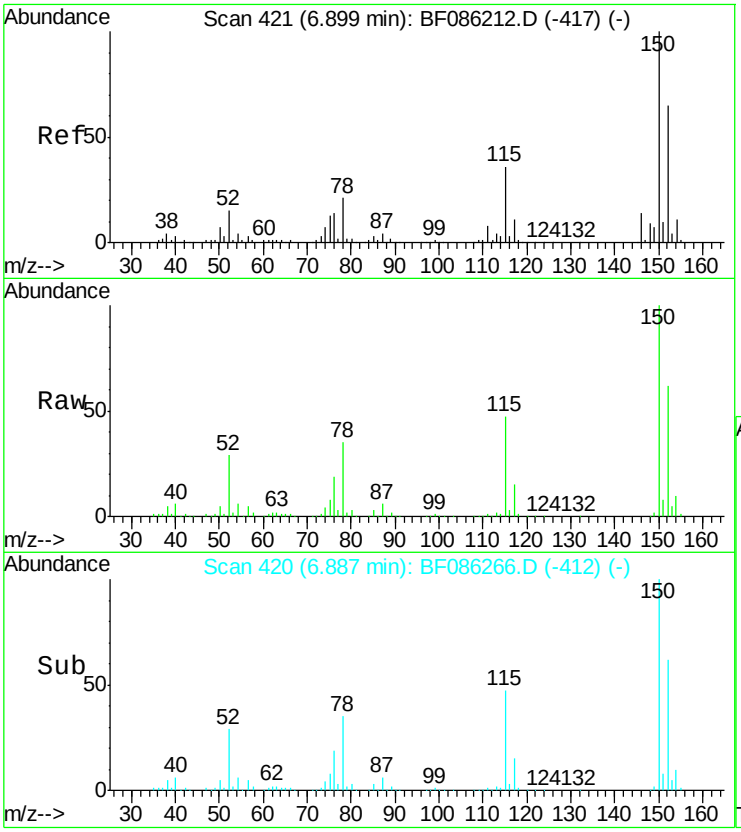


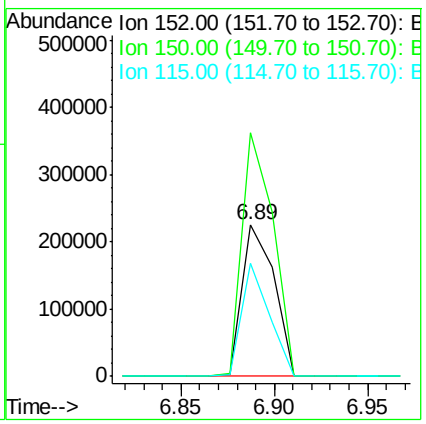


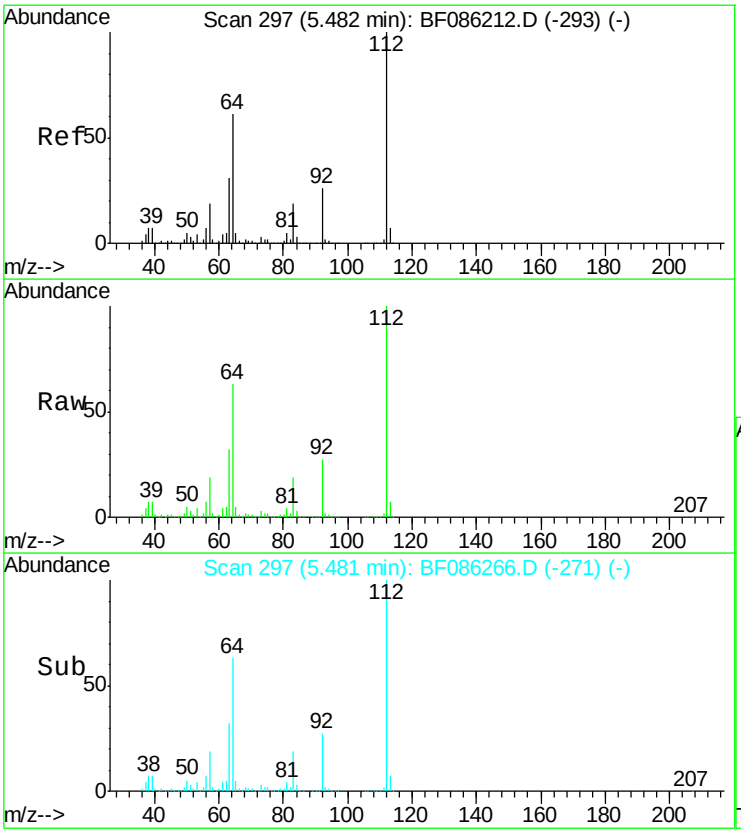
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:152 Resp: 269227

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.1	186.1
115	74.8	43.9	65.9#

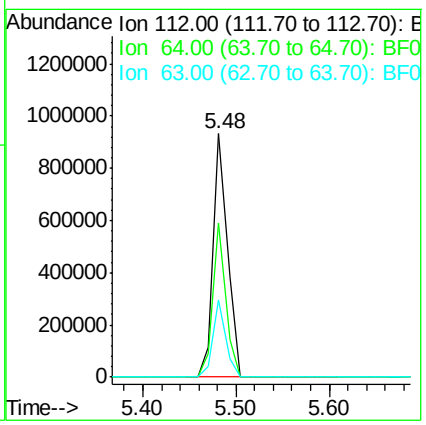


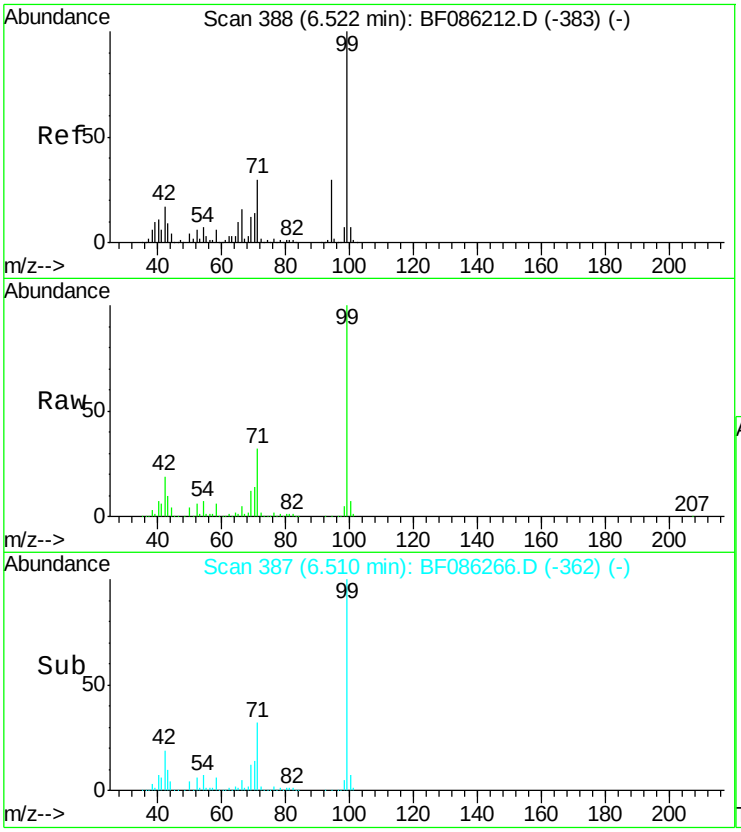


#5
2-Fluorophenol
Concen: 60.07 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion:112 Resp: 987031

Ion	Ratio	Lower	Upper
112	100		
64	63.1	48.1	72.1
63	31.9	25.5	38.3



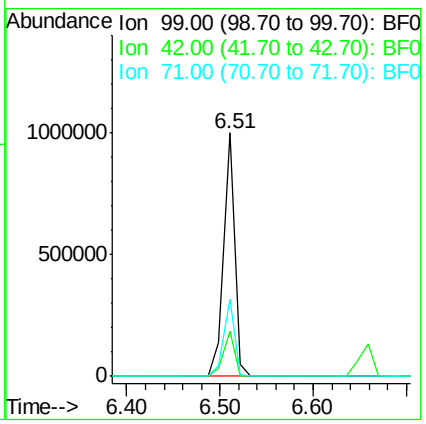


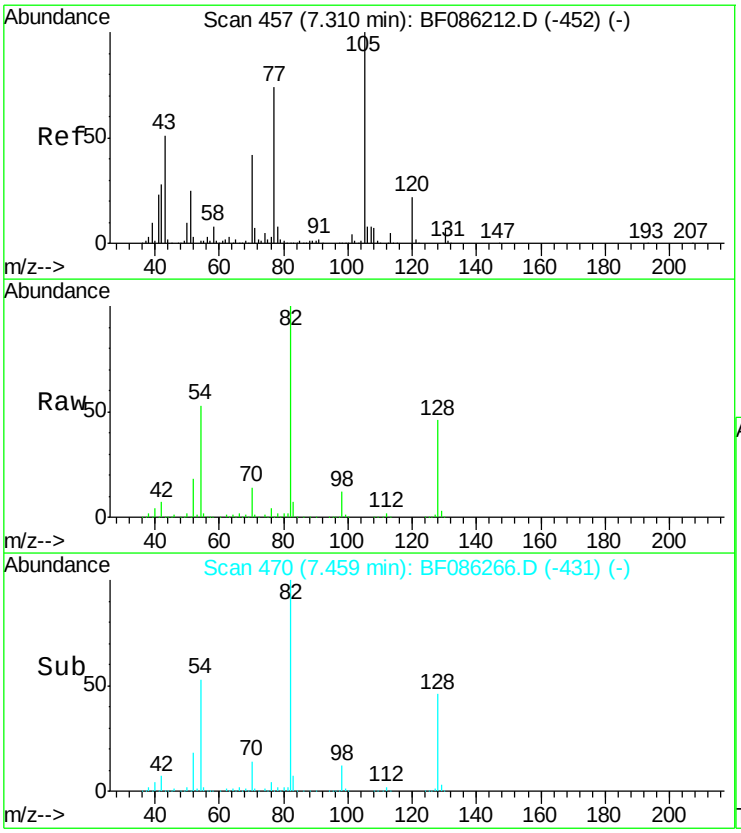
#7
Phenol-d6
Concen: 39.94 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion: 99 Resp: 820983

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.4	23.2
71	31.6	25.6	38.4

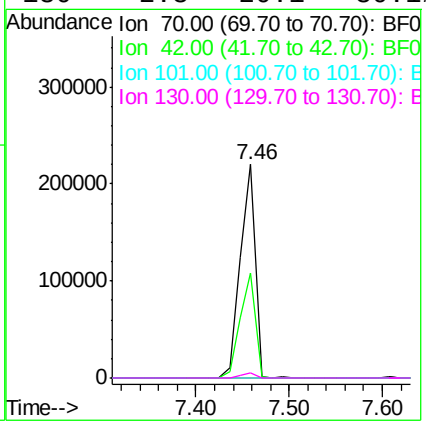


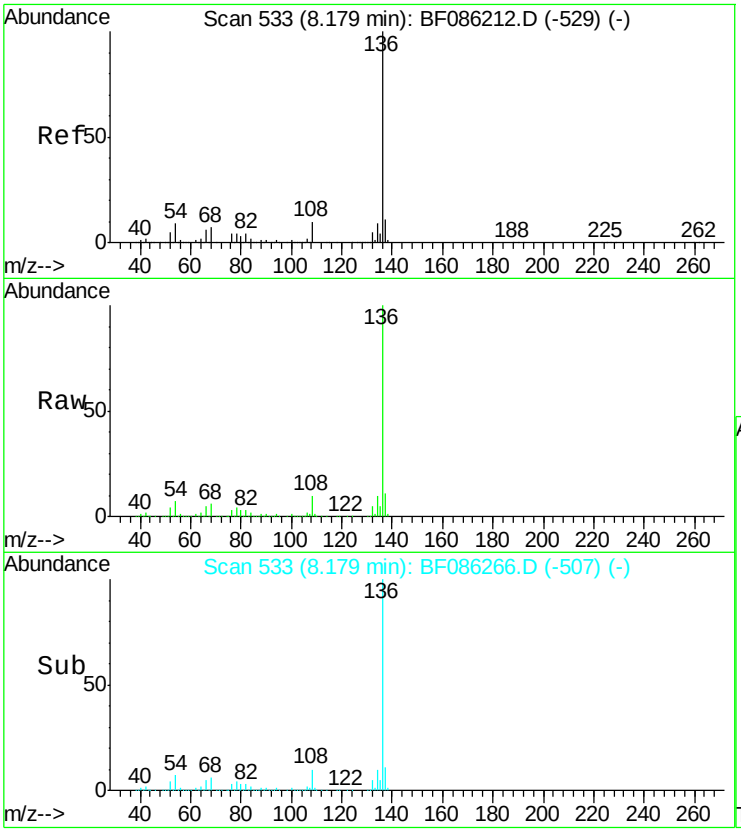


#19
n-Nitroso-di-n-propylamine
Concen: 18.73 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.15 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion: 70 Resp: 246371

Ion	Ratio	Lower	Upper
70	100		
42	49.4	43.0	64.4
101	0.0	8.1	12.1#
130	2.3	20.1	30.1#



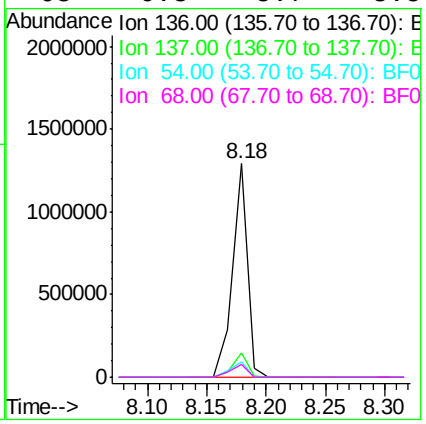


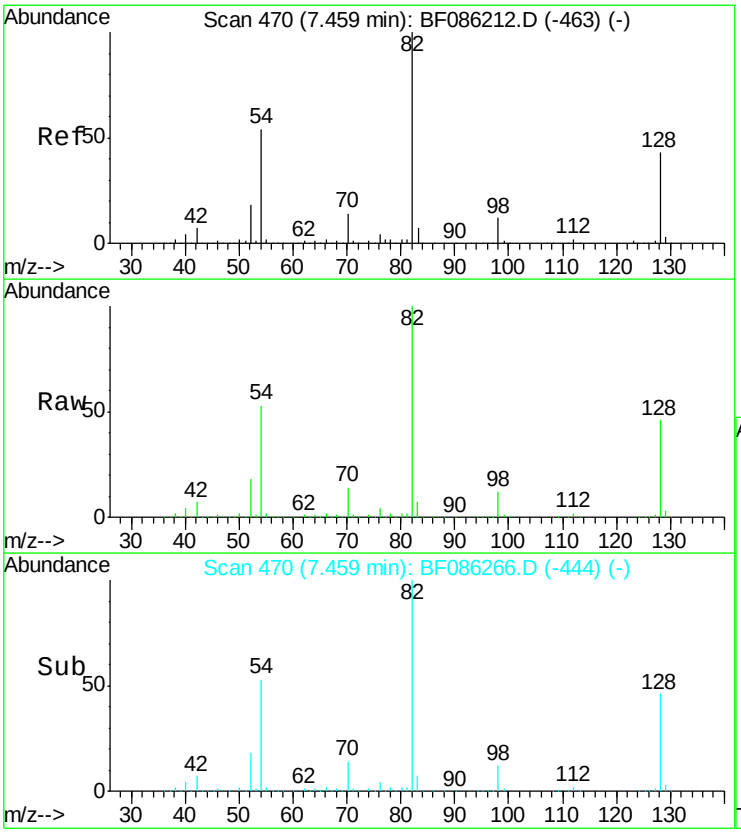
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:136 Resp: 1122726

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	7.3	10.9
68	6.3	5.7	8.5

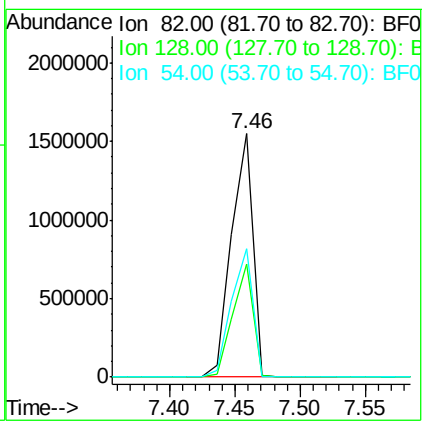


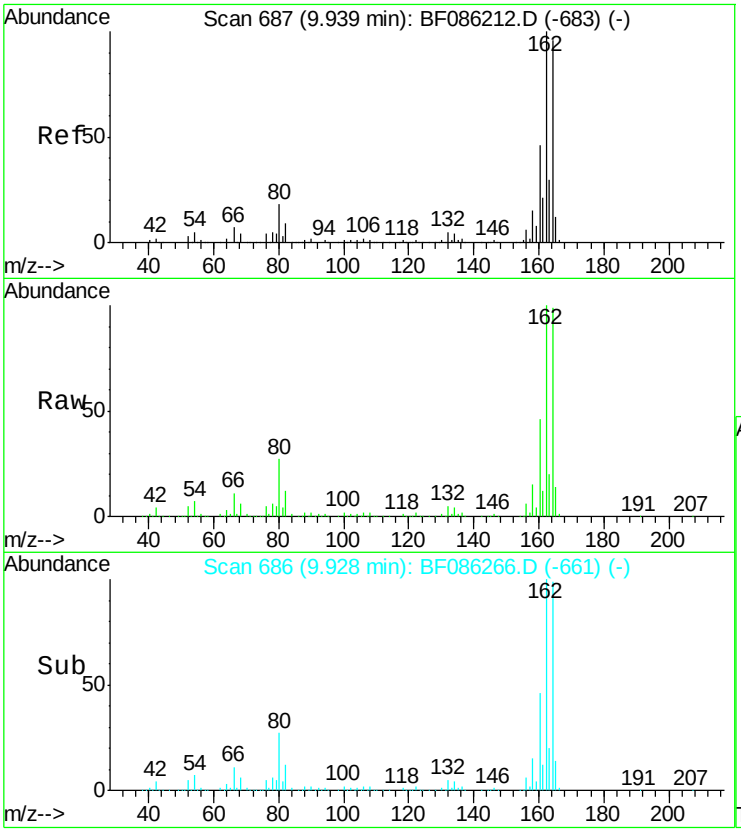


#23
Nitrobenzene-d5
Concen: 89.73 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion: 82 Resp: 1746598

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.4	53.2
54	52.5	43.4	65.0



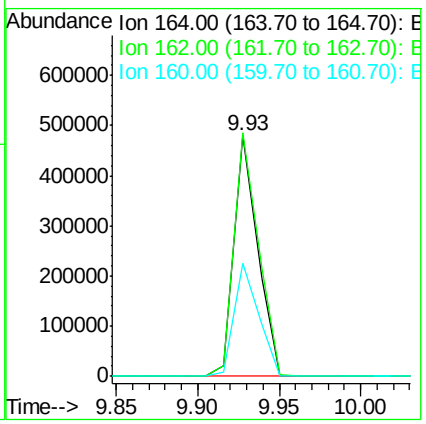


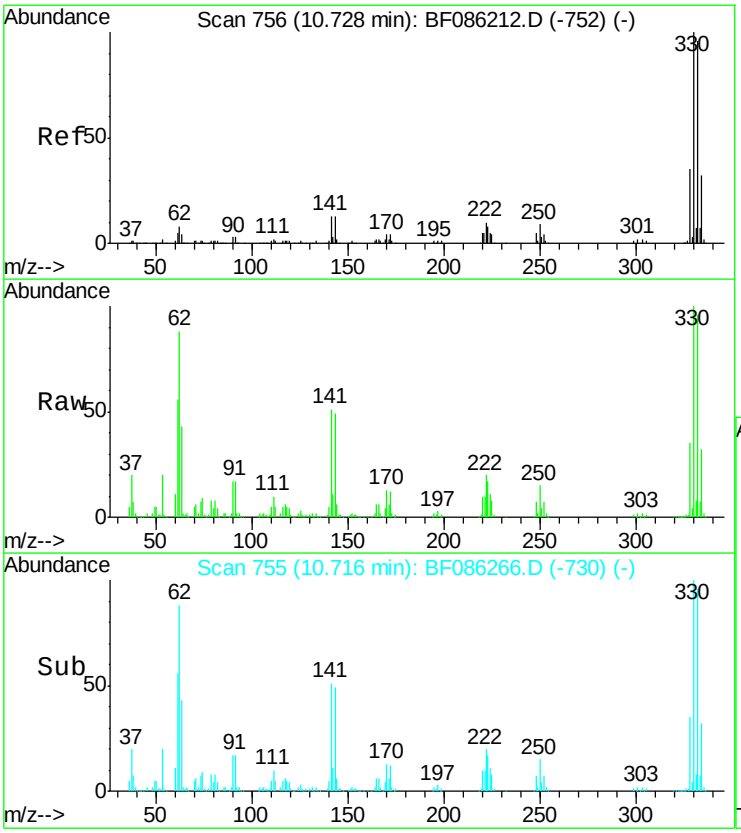
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:164 Resp: 477830

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.8	124.2
160	46.8	38.9	58.3

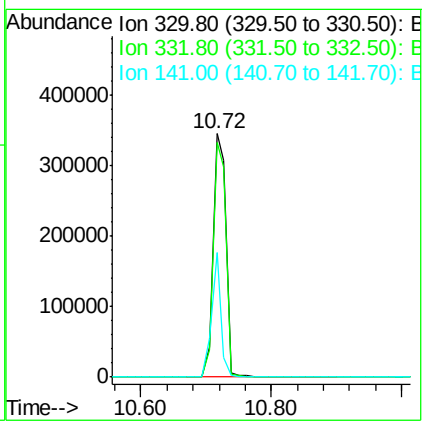


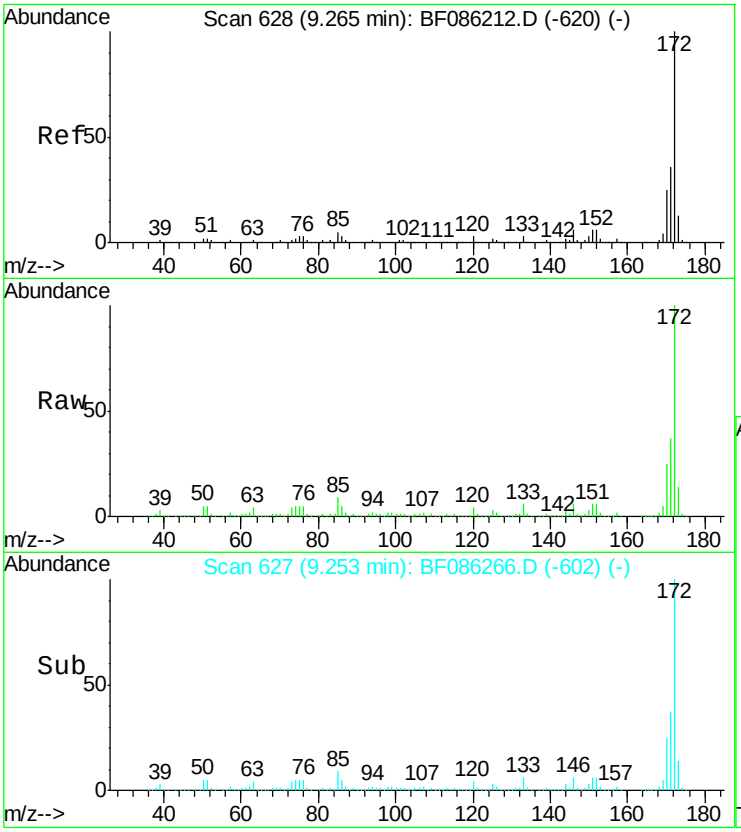


#41
2,4,6-Tribromophenol
Concen: 127.10 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion:330 Resp: 487678

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.7	118.1
141	37.6	28.6	42.8



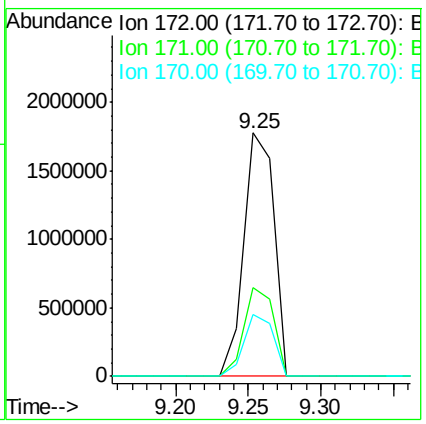


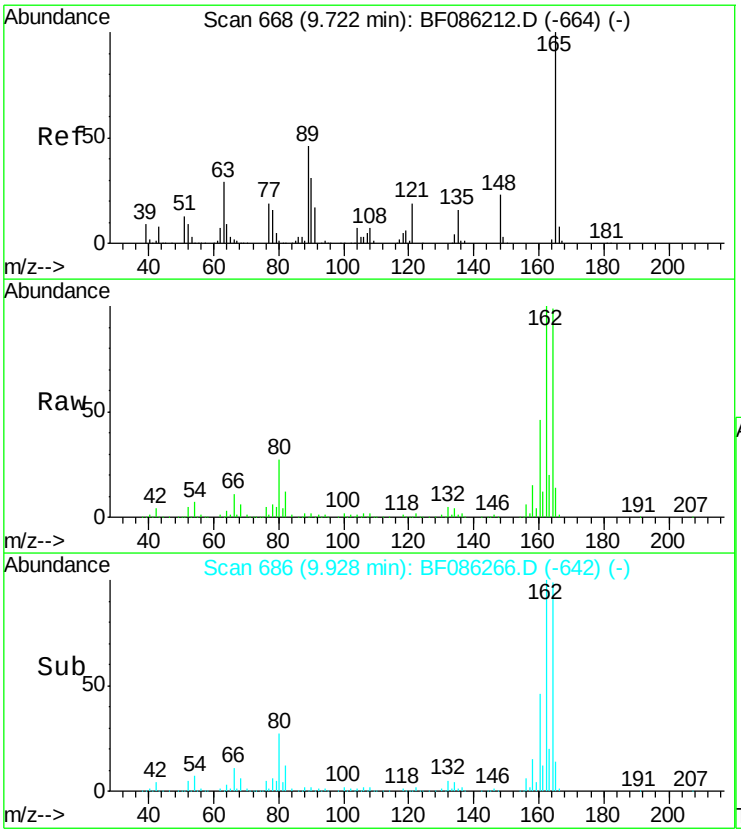
#44
2-Fluorobiphenyl
Concen: 98.83 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:172 Resp: 2559292

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.4	19.9	29.9

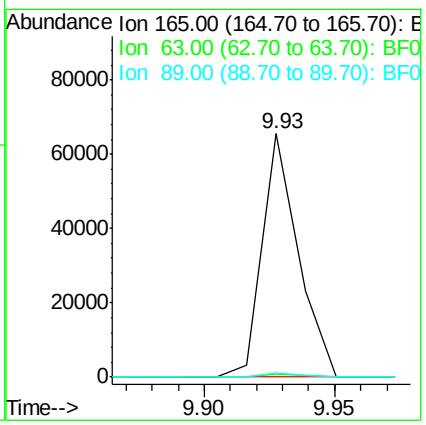


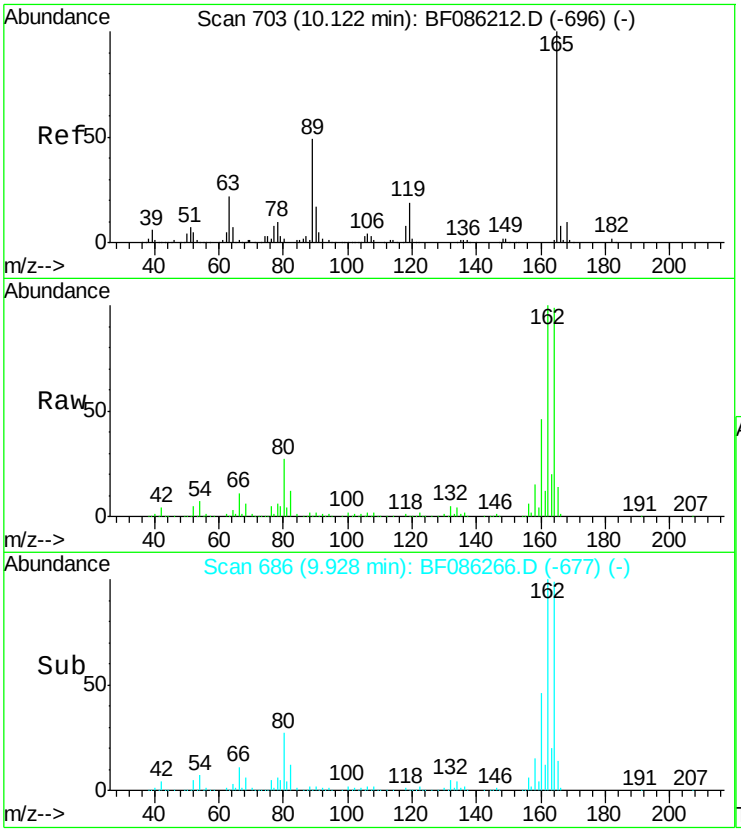


#50
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.21 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion:165 Resp: 63014

Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.1	52.7#
89	1.6	39.8	59.6#



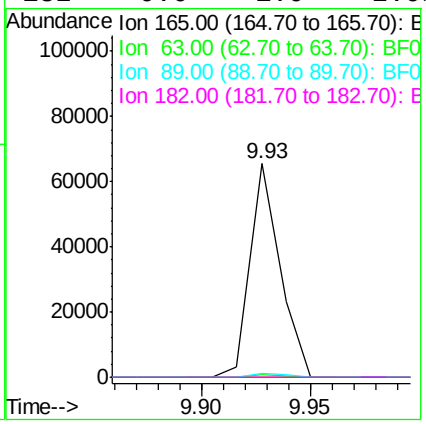


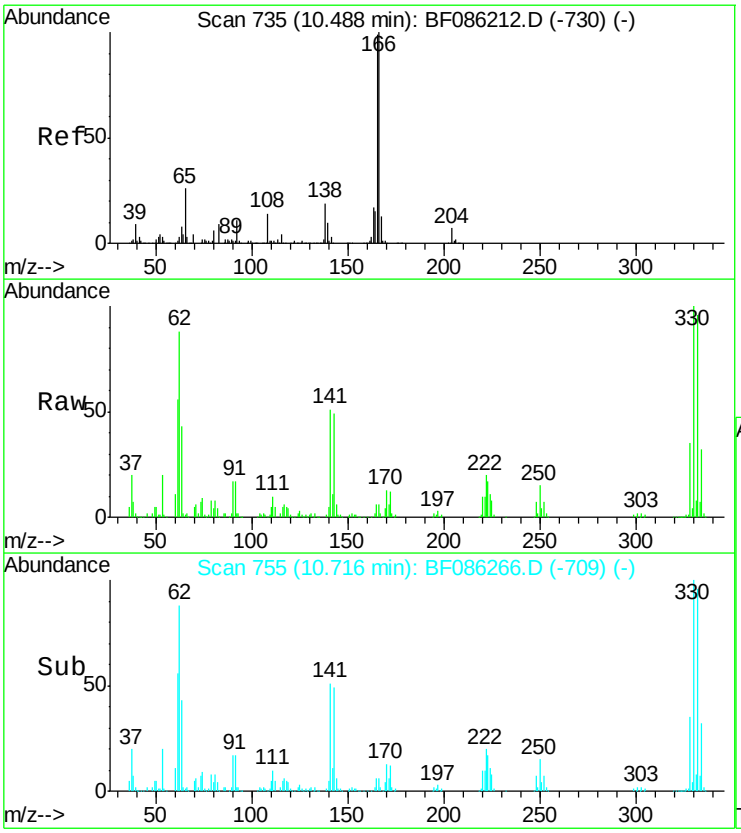
#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:165 Resp: 63017

Ion	Ratio	Lower	Upper
165	100		
63	1.5	26.6	40.0#
89	1.6	49.5	74.3#
182	0.0	1.9	2.9#

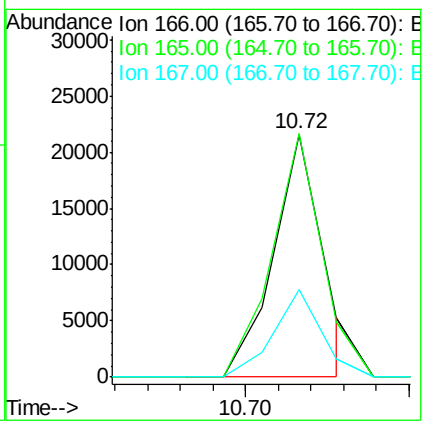


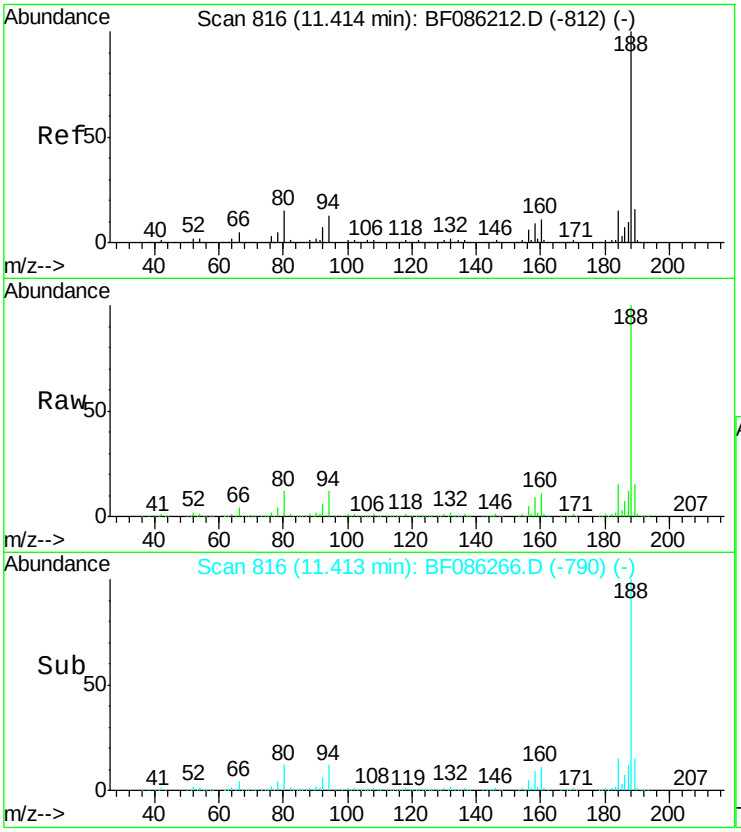


#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 755
Delta R.T. 0.23 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion:166 Resp: 22684

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.6	117.8
167	36.1	10.4	15.6#



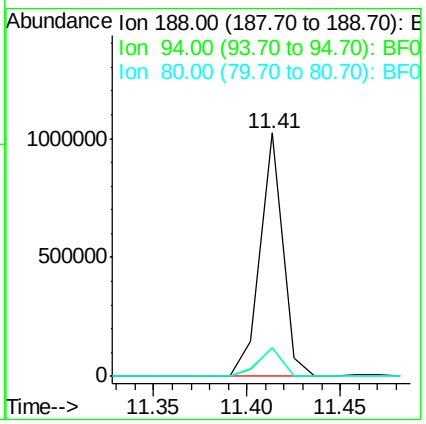


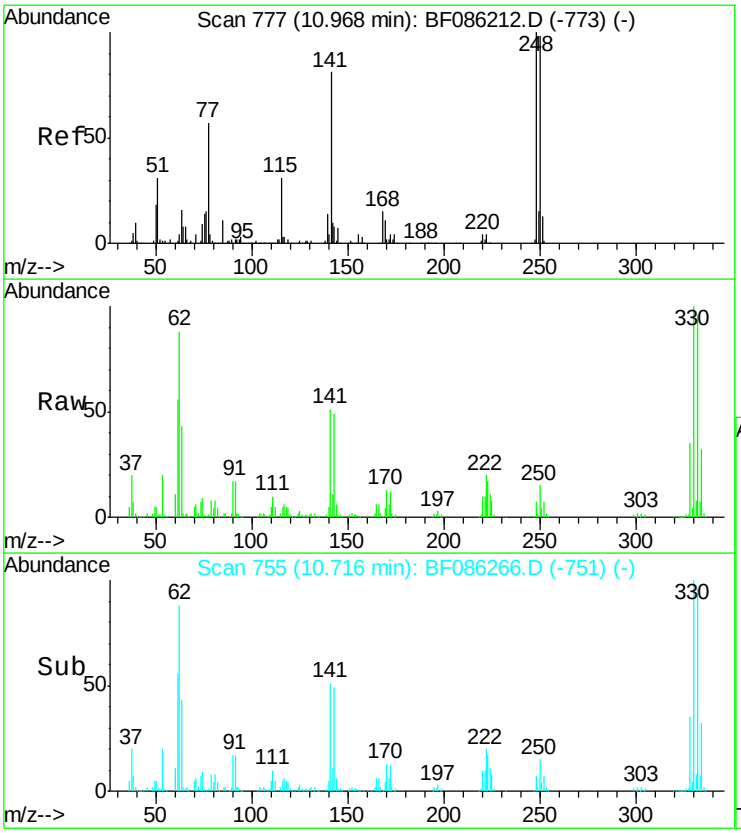
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:188 Resp: 858423

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.8	14.8
80	11.8	10.5	15.7

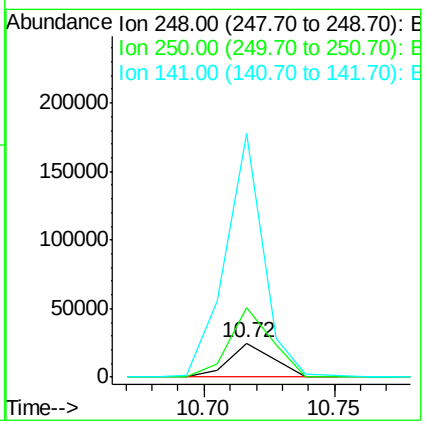


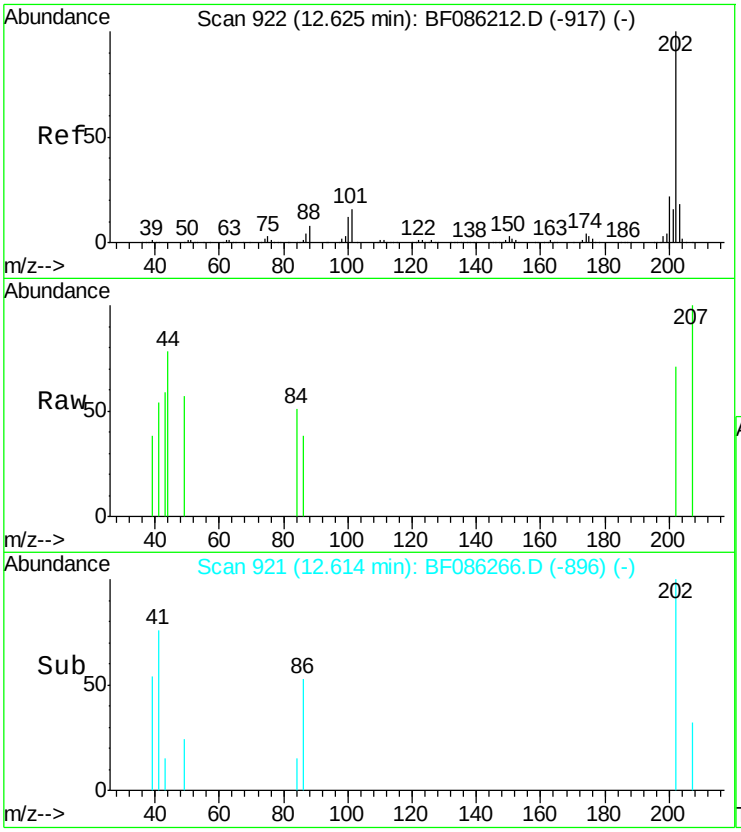


#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion:248 Resp: 29021

Ion	Ratio	Lower	Upper
248	100		
250	205.4	78.6	118.0#
141	718.2	57.9	86.9#



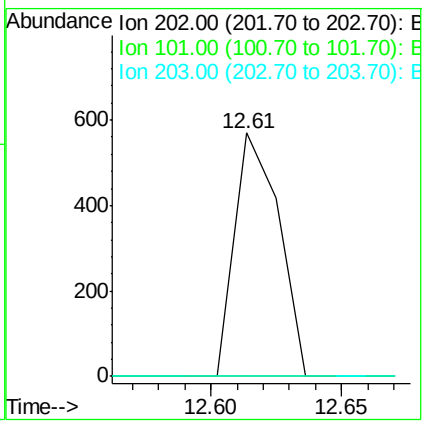


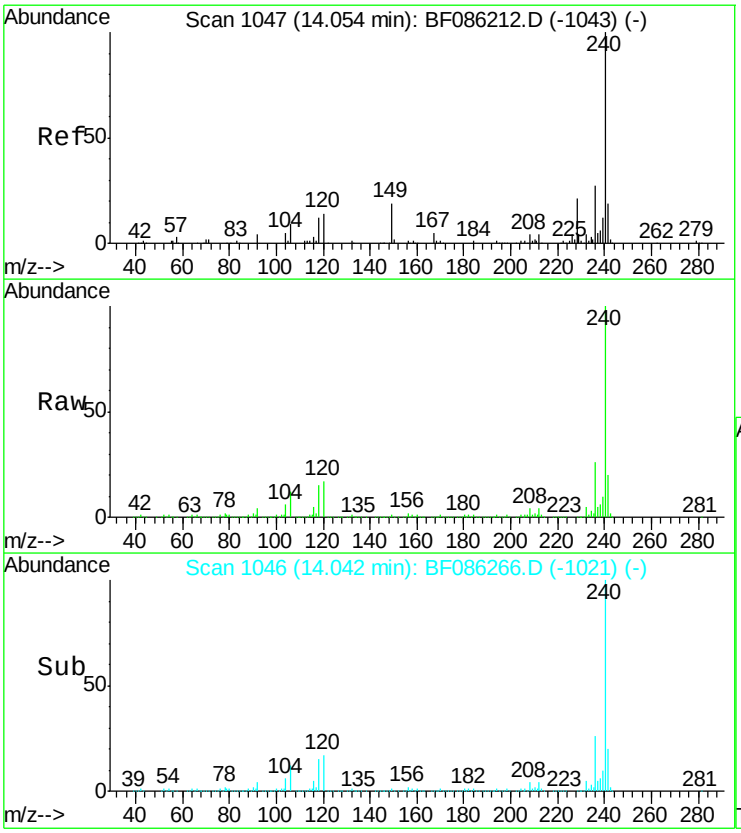
#74
Fluoranthene
Concen: Below Cal
RT: 12.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:202 Resp: 678

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

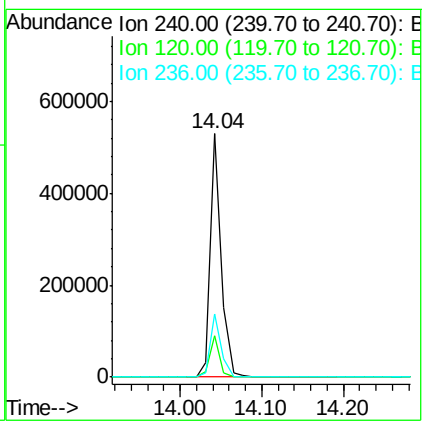


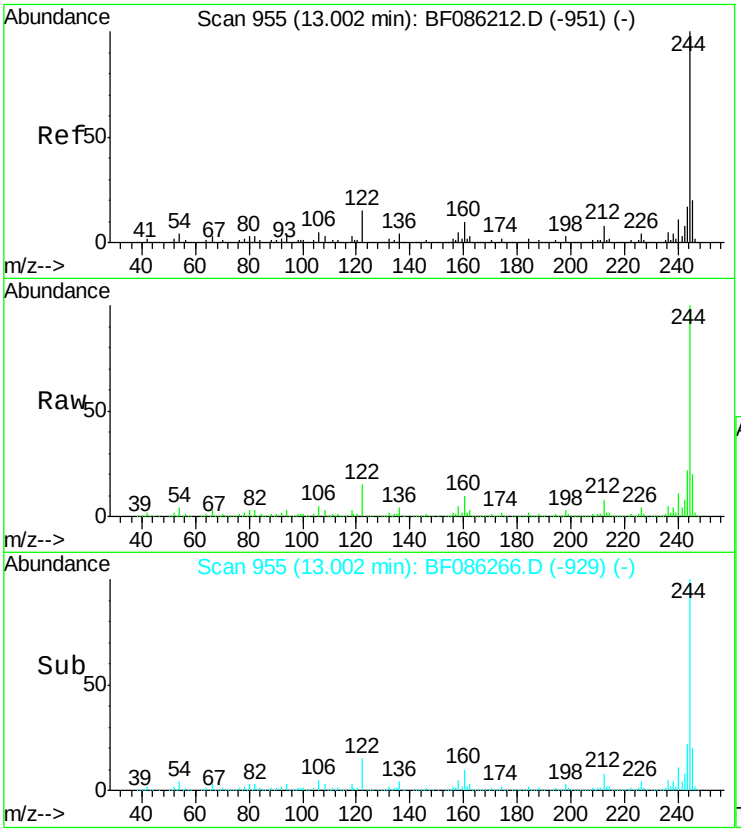


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion:240 Resp: 502461

Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.3	13.9#
236	26.2	21.1	31.7



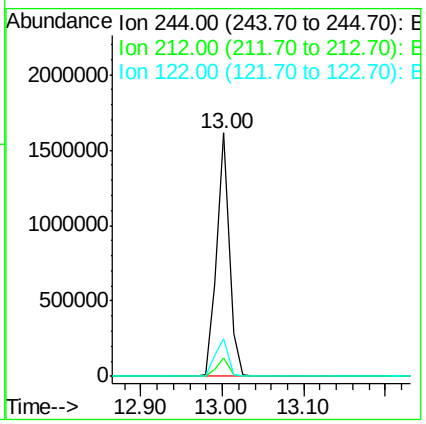


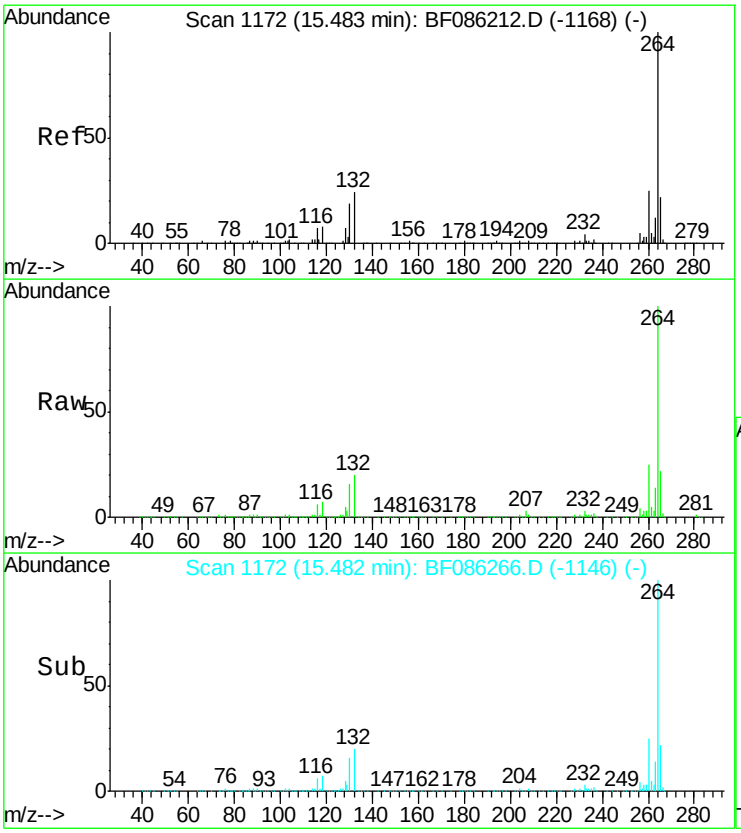
#78
Terphenyl-d14
Concen: 86.90 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Instrument :
BNA_F
ClientSampleId :
FB-1

Tgt Ion:244 Resp: 1736386

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	15.3	11.7	17.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086266.D
Acq: 16 Apr 2016 15:21

Tgt Ion:264 Resp: 478926

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	22.0	17.4	26.0