Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086714.D
Acq On : 5 May 2016 19:21
Operator : UM/SJ
Sample : H2829-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-TD-B12(0-8.5)-C

Quant Time: May 06 01:14:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	187007	40.00	ng		-0.01
21) Naphthalene-d8	8.01	136	720069	40.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	331920	40.00	ng		-0.02
63) Phenanthrene-d10	11.24	188	598144	40.00	ng		-0.01
75) Chrysene-d12	13.87	240	367059	40.00	ng		-0.01
86) Perylene-d12	15.27	264	343212	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1284306	113.69	ng		0.00
7) Phenol-d6	6.37	99	1570654	103.22	ng		0.00
23) Nitrobenzene-d5	7.30	82	1120463	79.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	388302	119.59	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	1530184	75.57	ng		-0.01
78) Terphenyl-d14	12.83	244	1155519	63.62	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	150573	14.48	ng	#	82
25) Isophorone	7.30	82	1057751	40.53	ng	#	68
49) Dimethylphthalate	9.48	163	198424	8.02	ng		99
56) 2,4-Dinitrotoluene	9.76	165	42558	6.47	ng	#	17
64) 4,6-Dinitro-2-methylphenol	10.54	198	934	5.56	ng	#	1
66) 4-Bromophenyl-phenylether	10.56	248	21261	3.58	ng	#	1
70) Phenanthrene	11.26	178	195654	6.09	ng		98
74) Fluoranthene	12.45	202	319865	9.93	ng		91
77) Pyrene	12.67	202	279216	9.54	ng		97
80) Benzo(a)anthracene	13.86	228	139448	6.72	ng		97
82) Chrysene	13.86	228	139448	6.30	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	72518	3.82	ng	#	88
87) Benzo(b)fluoranthene	14.88	252	208681	10.12	ng		98
88) Benzo(k)fluoranthene	14.88	252	208681	10.74	ng		98
89) Benzo(a)pyrene	15.20	252	111635	5.88	ng	#	94
91) Benzo(g,h,i)perylene	16.96	276	68225	3.56	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086714.D
Acq On : 5 May 2016 19:21
Operator : UM/SJ
Sample : H2829-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Quant Time: May 06 01:14:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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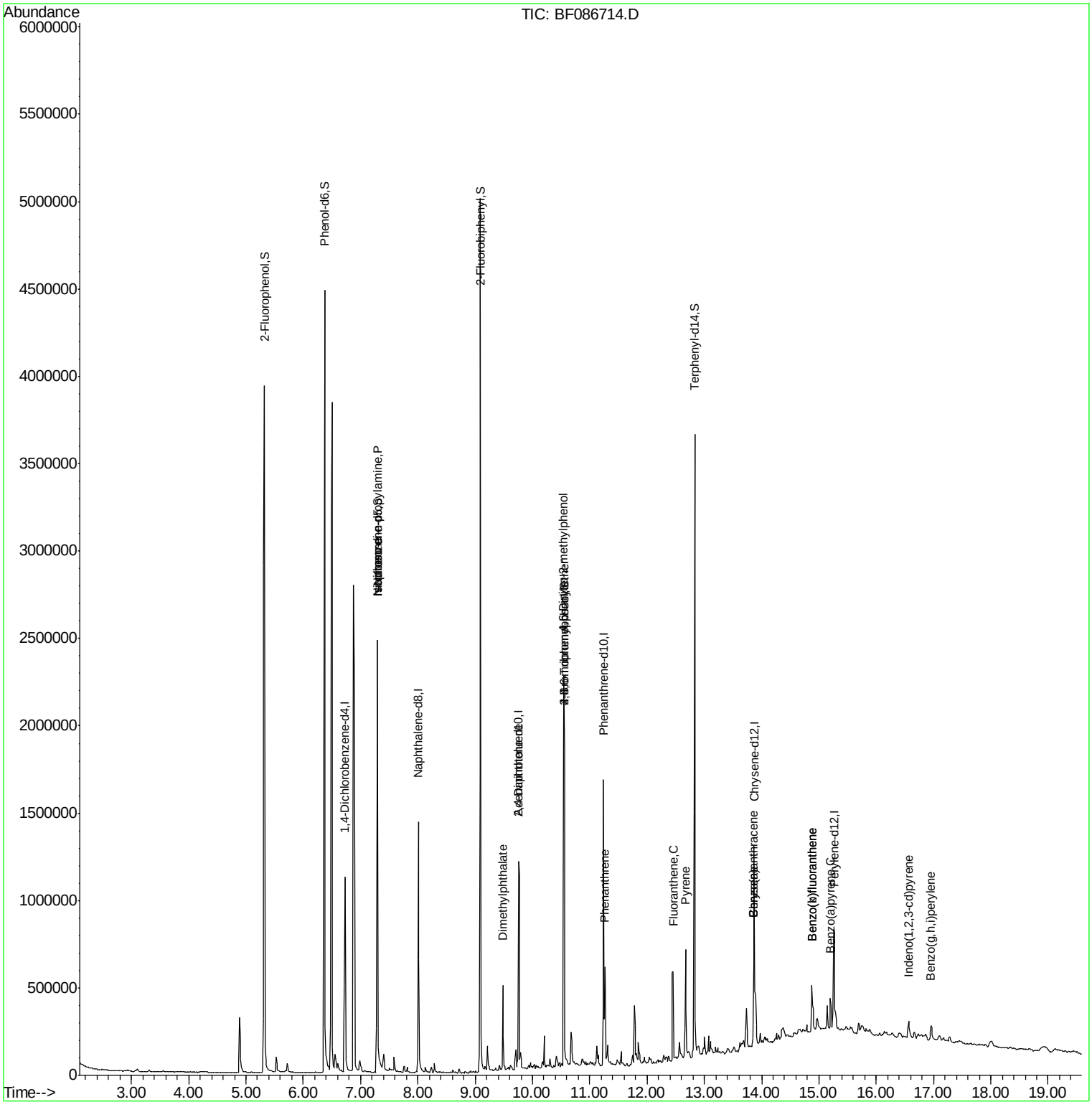
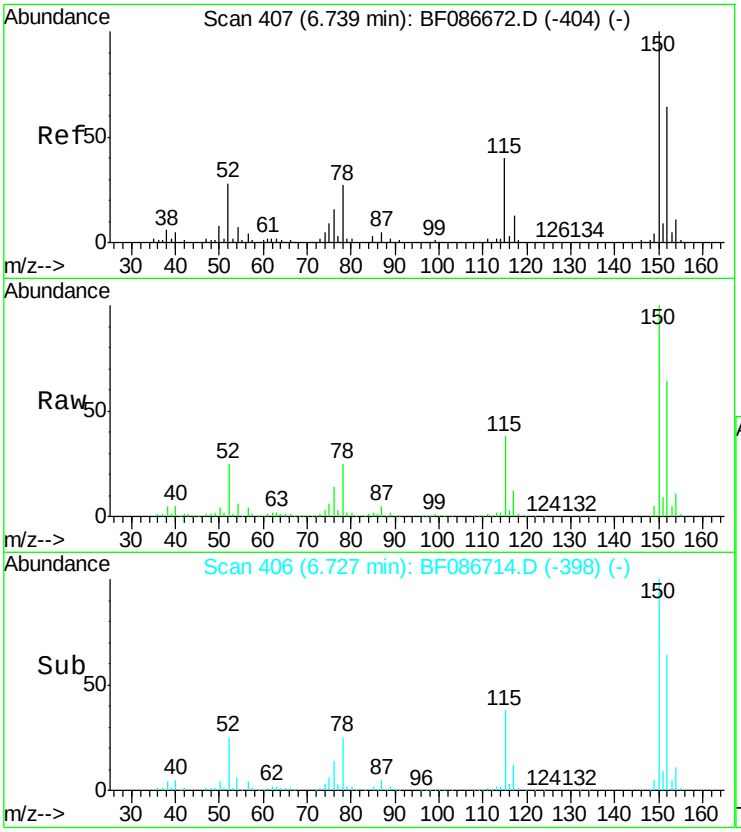


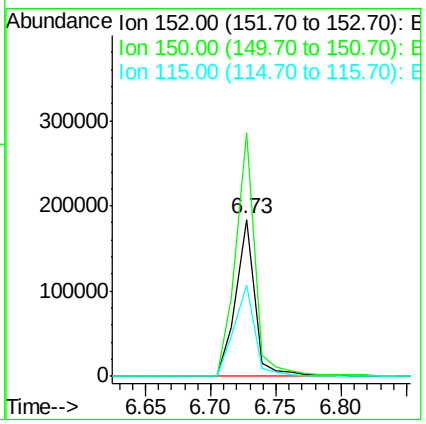


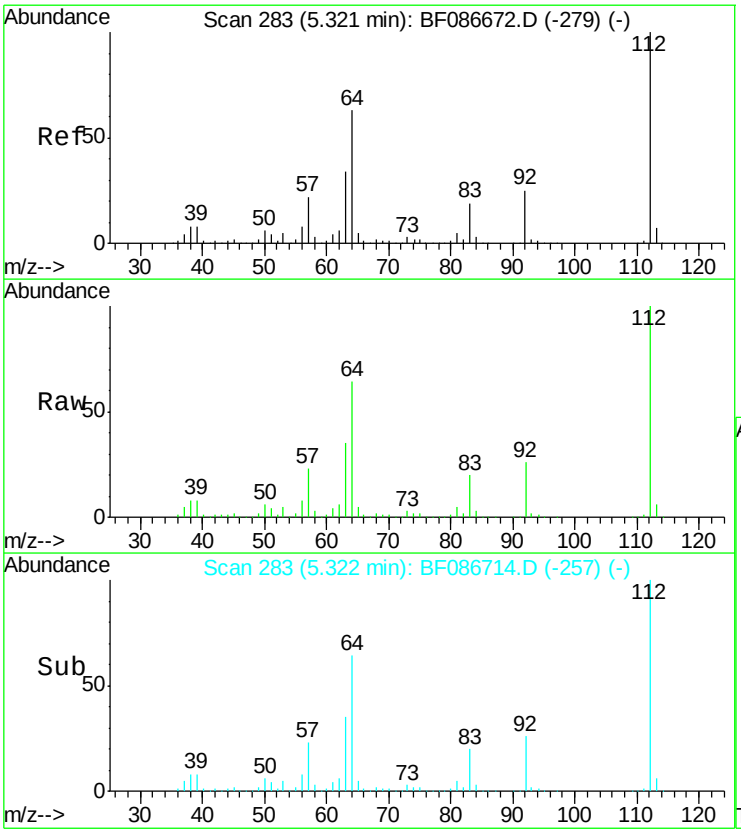
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:152 Resp: 187007

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.8	188.6
115	58.6	51.5	77.3

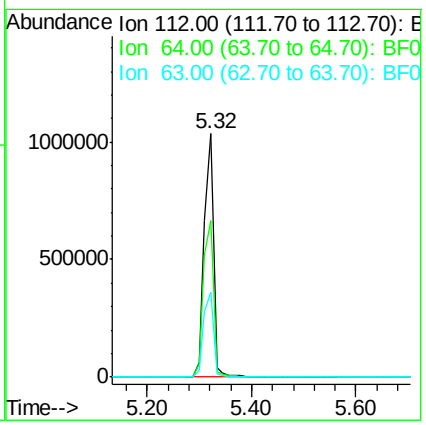


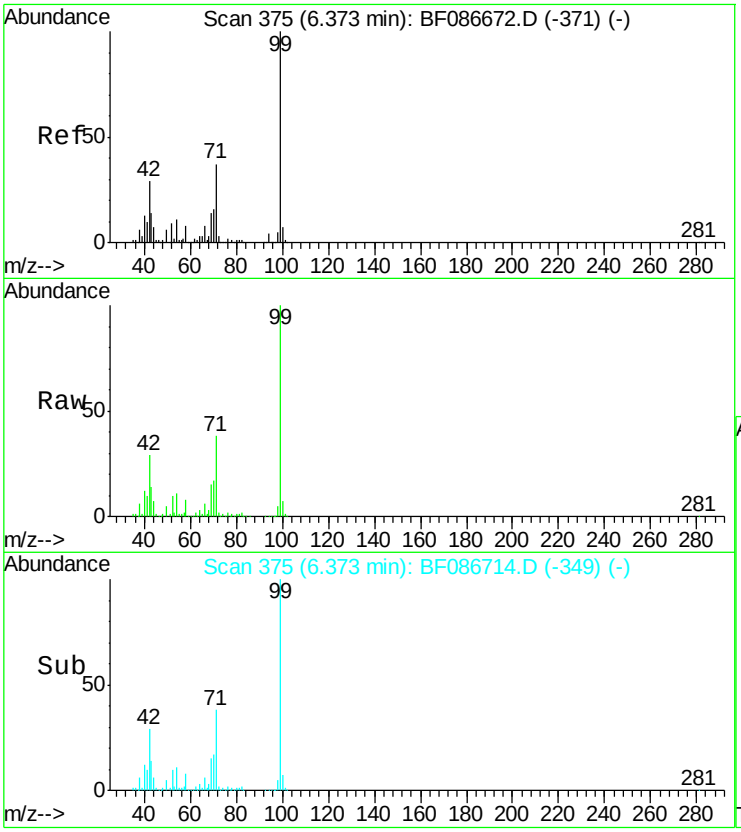


#5
2-Fluorophenol
Concen: 113.69 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:112 Resp: 1284306

Ion	Ratio	Lower	Upper
112	100		
64	64.5	52.1	78.1
63	34.9	25.7	38.5



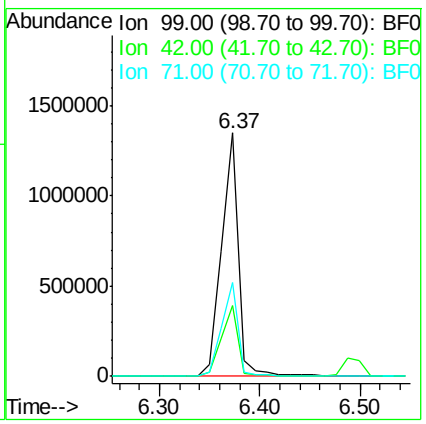


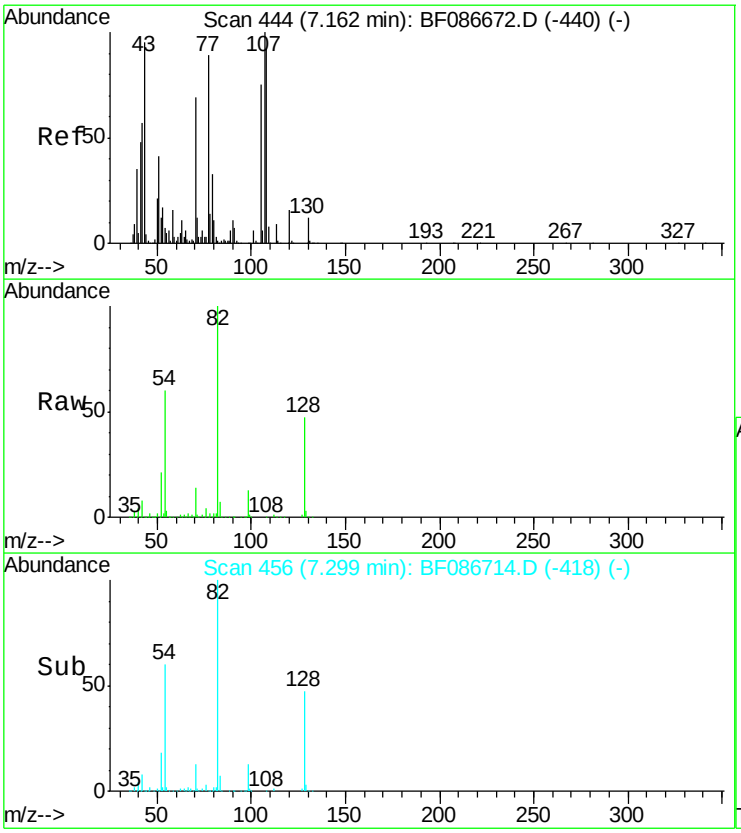
#7
Phenol-d6
Concen: 103.22 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion: 99 Resp: 1570654

Ion	Ratio	Lower	Upper
99	100		
42	29.3	13.6	20.4#
71	38.5	24.6	36.8#

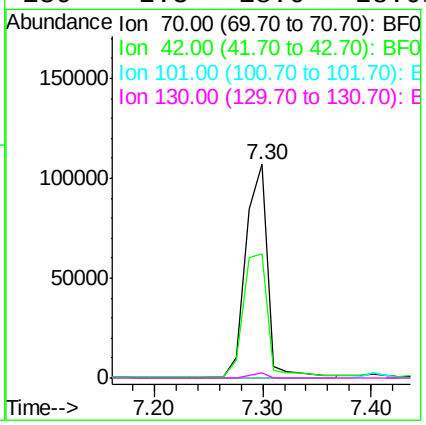


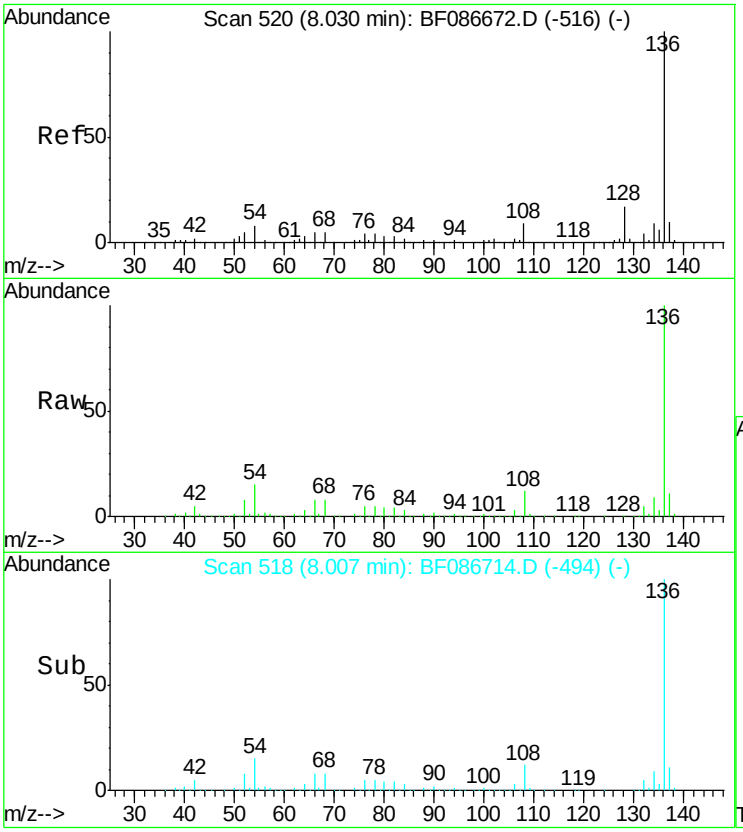


#19
n-Nitroso-di-n-propylamine
Concen: 14.48 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion: 70 Resp: 150573

Ion	Ratio	Lower	Upper
70	100		
42	57.9	43.1	64.7
101	0.0	8.1	12.1#
130	2.3	18.6	28.0#



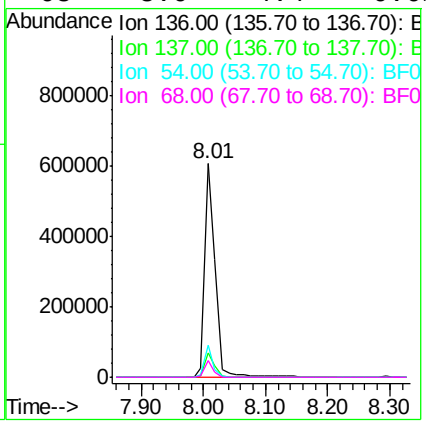


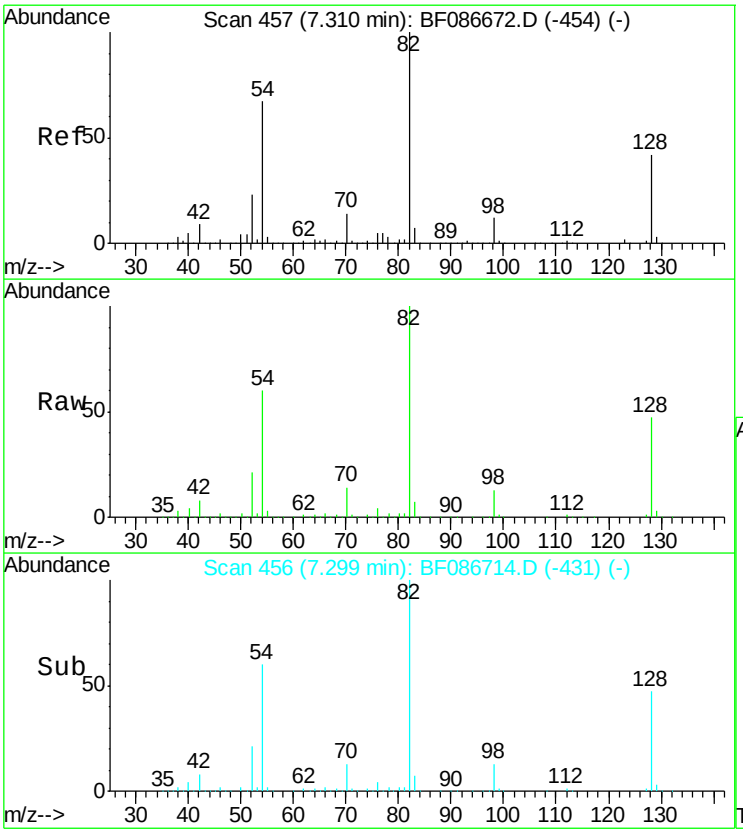
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:136 Resp: 720069

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	14.8	5.0	7.4#
68	8.0	4.4	6.6#

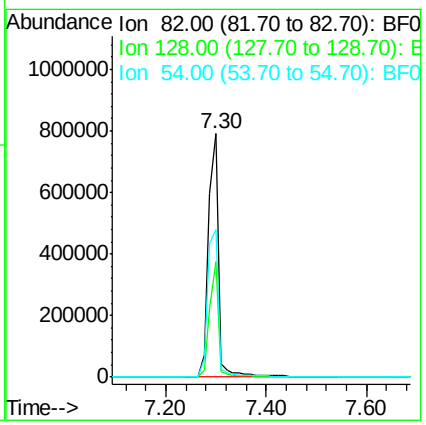


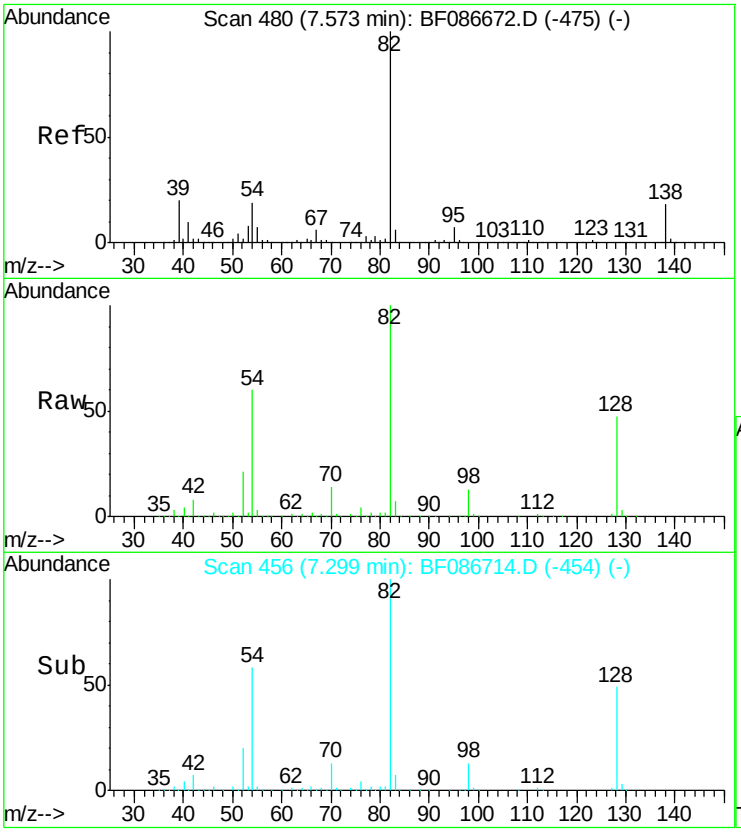


#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion: 82 Resp: 1120463

Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.6	61.0
54	60.5	38.1	57.1#



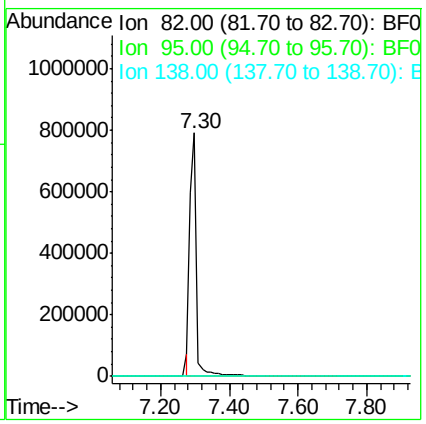


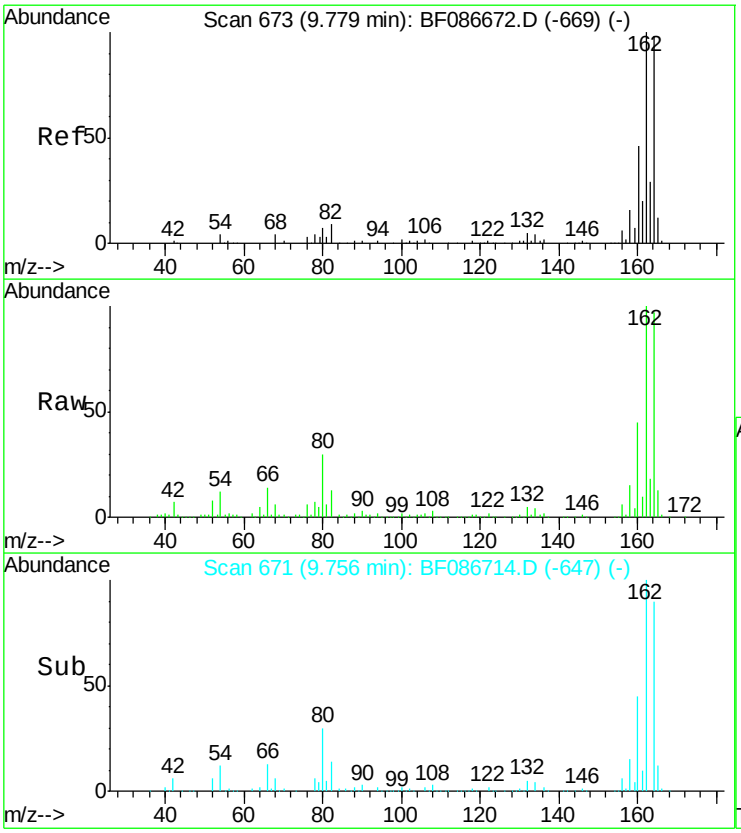
#25
Isophorone
Concen: 40.53 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.27 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion: 82 Resp: 1057751

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

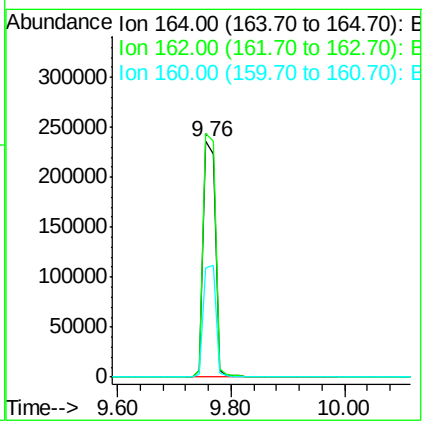


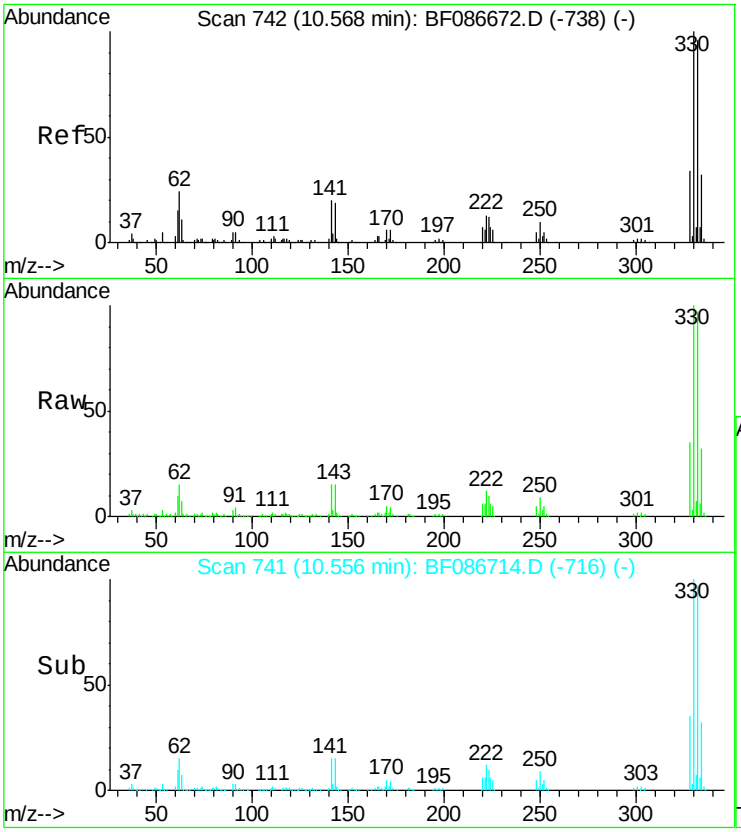


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:164 Resp: 331920

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	46.5	36.9	55.3



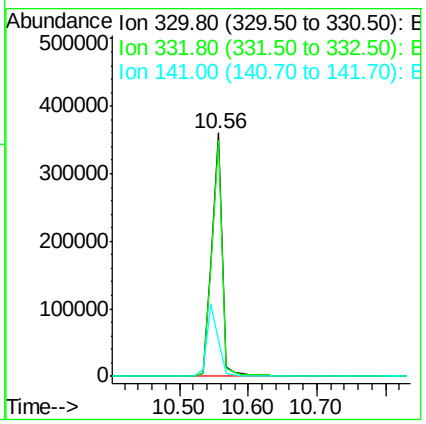


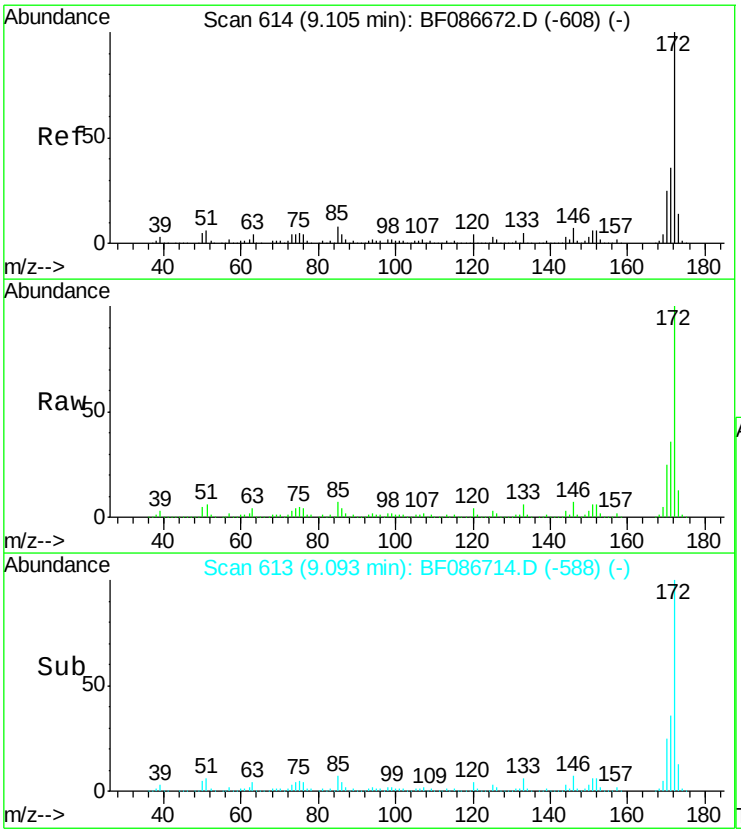
#41
2,4,6-Tribromophenol
Concen: 119.59 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:330 Resp: 388302

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	32.0	31.2	46.8

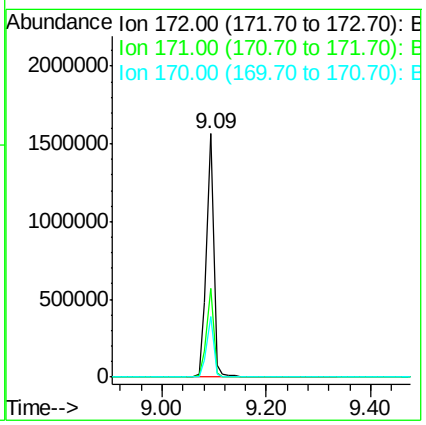


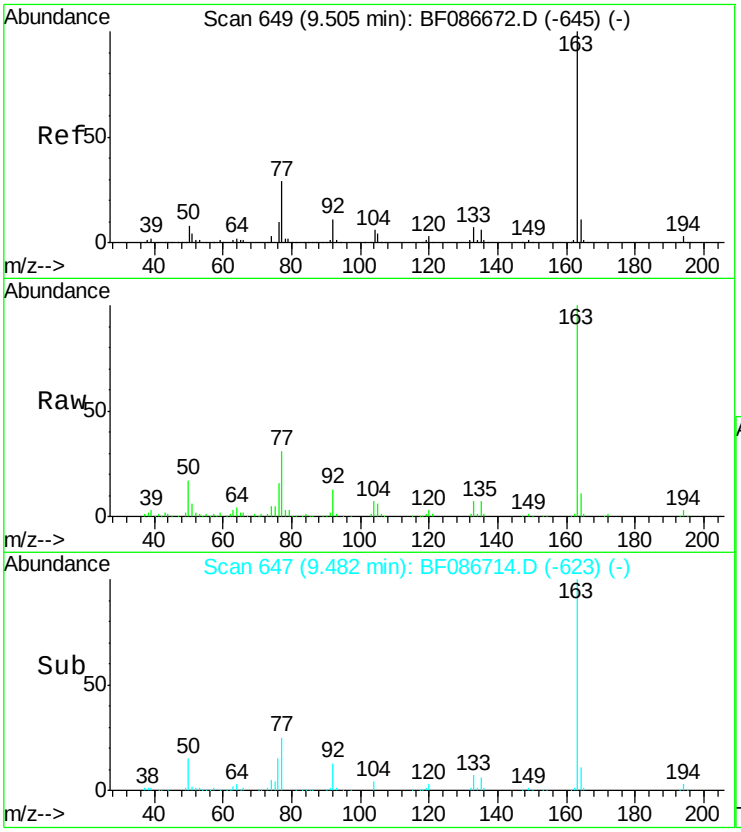


#44
2-Fluorobiphenyl
Concen: 75.57 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:172 Resp: 1530184

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.8	19.8	29.8



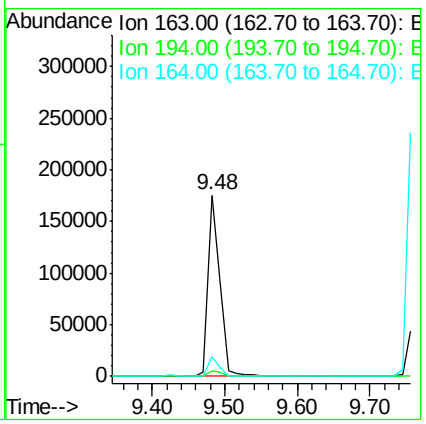


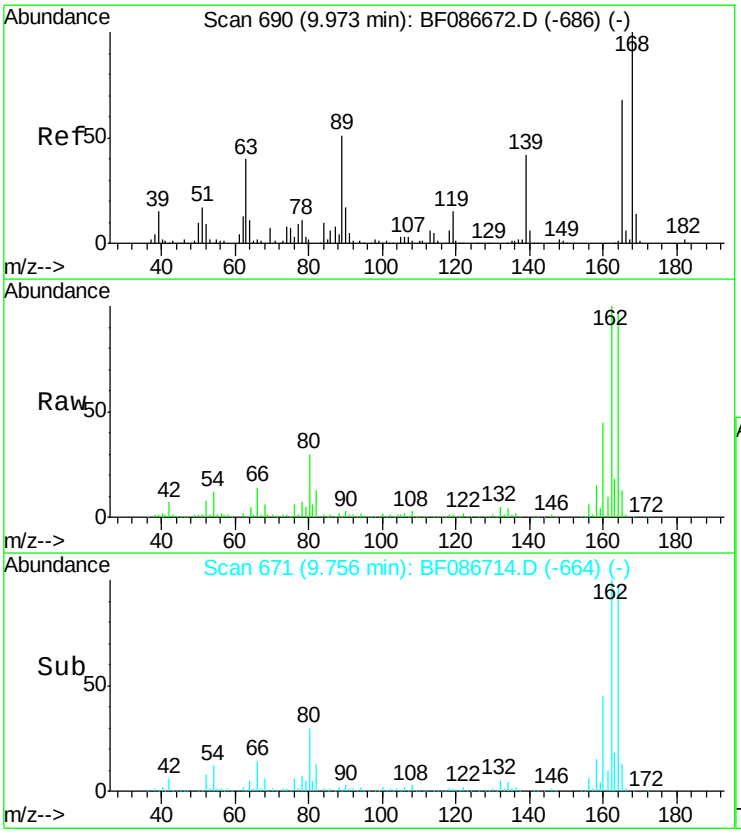
#49
Dimethylphthalate
Concen: 8.02 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:163 Resp: 198424

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.6	8.2	12.4

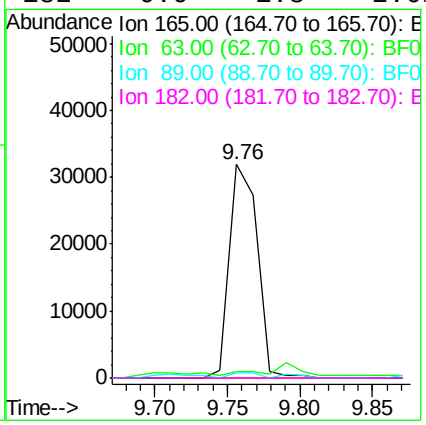


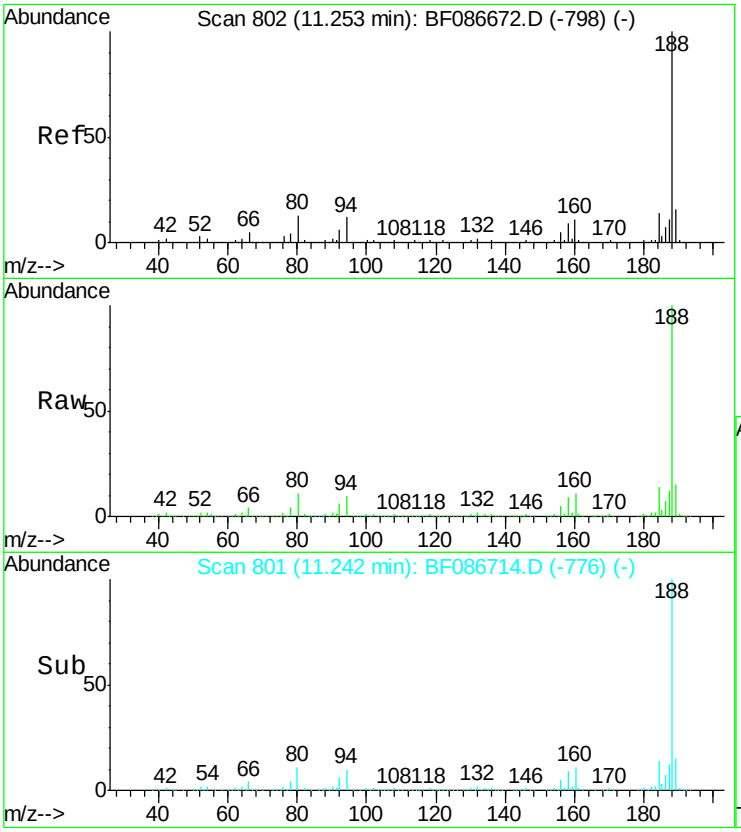


#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:165 Resp: 42558

Ion	Ratio	Lower	Upper
165	100		
63	2.8	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#



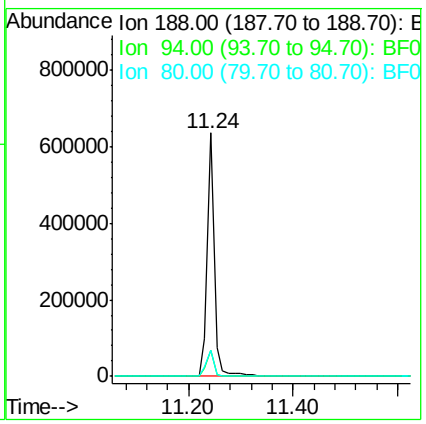


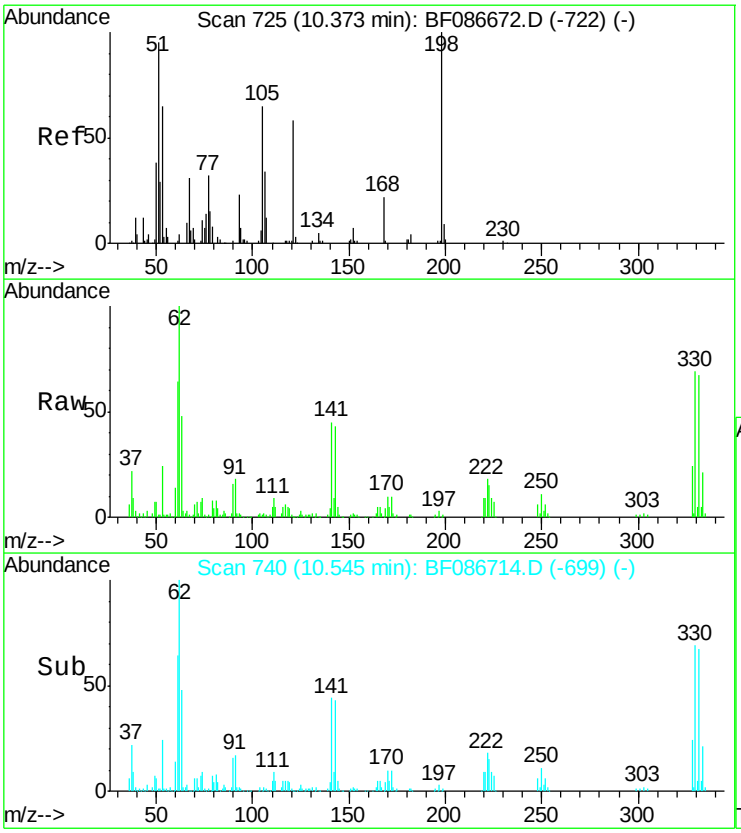
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:188 Resp: 598144

Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.8	10.2#
80	10.8	7.1	10.7#

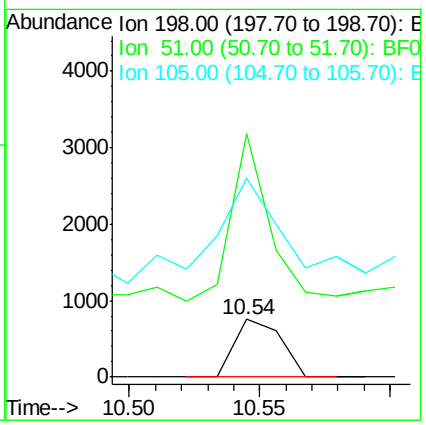


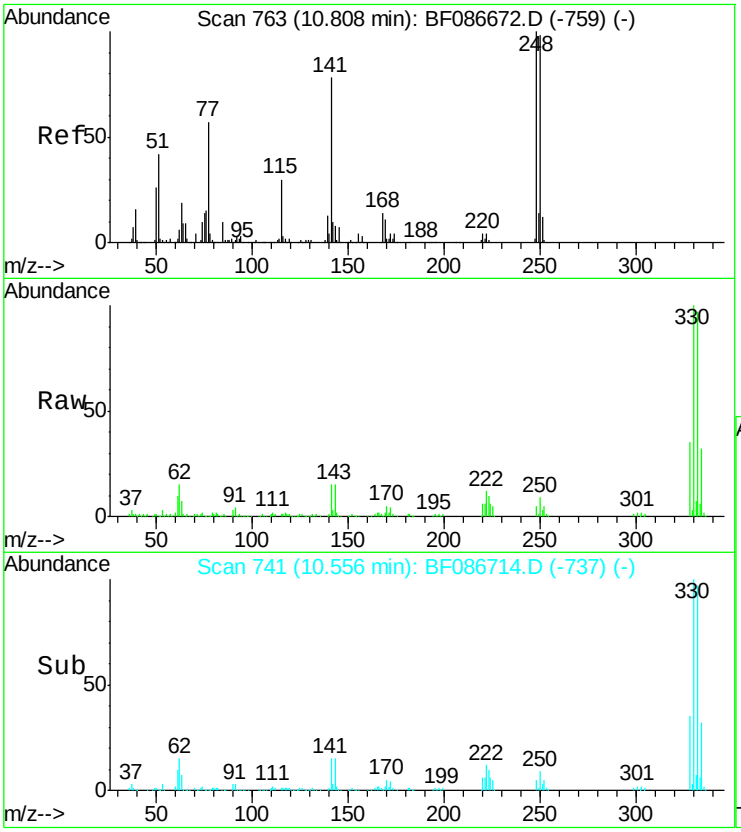


#64
4,6-Dinitro-2-methylphenol
Concen: 5.56 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.17 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:198 Resp: 934

Ion	Ratio	Lower	Upper
198	100		
51	421.3	20.5	60.5#
105	345.1	24.5	64.5#



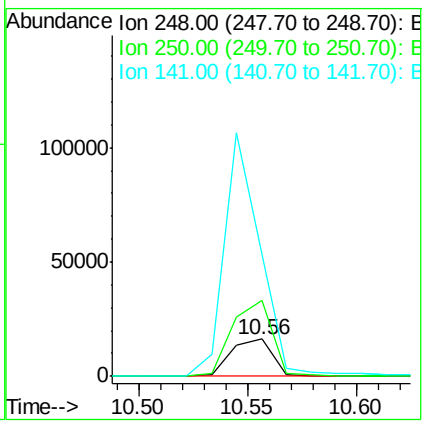


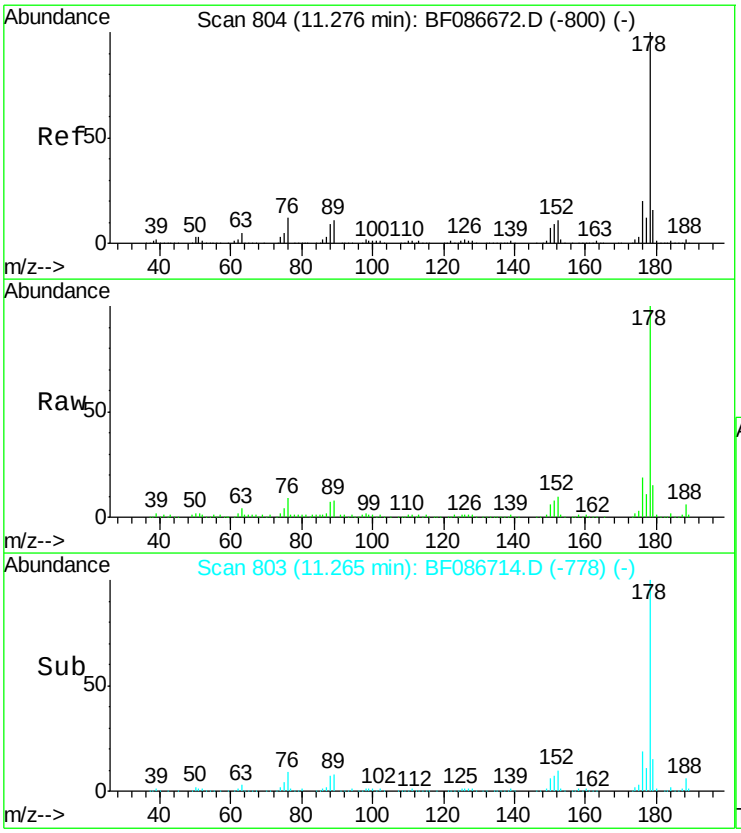
#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:248 Resp: 21261

Ion	Ratio	Lower	Upper
248	100		
250	205.4	78.6	117.8#
141	326.3	76.0	114.0#

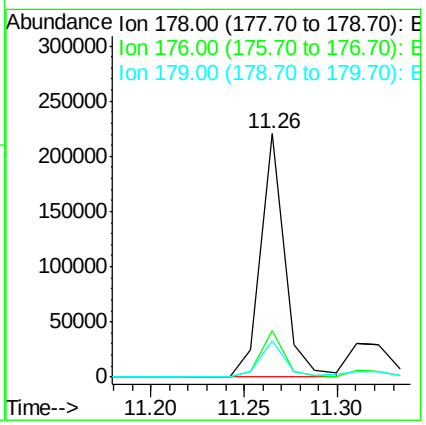


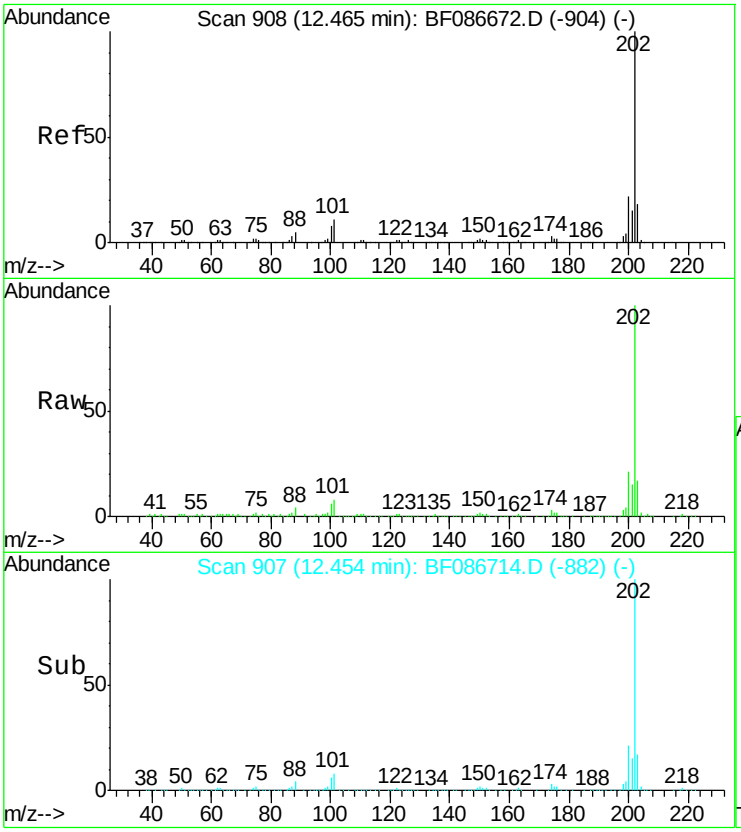


#70
Phenanthrene
Concen: 6.09 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:178 Resp: 195654

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.0	12.6	18.8



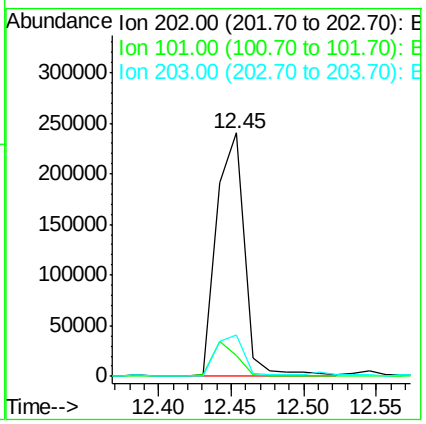


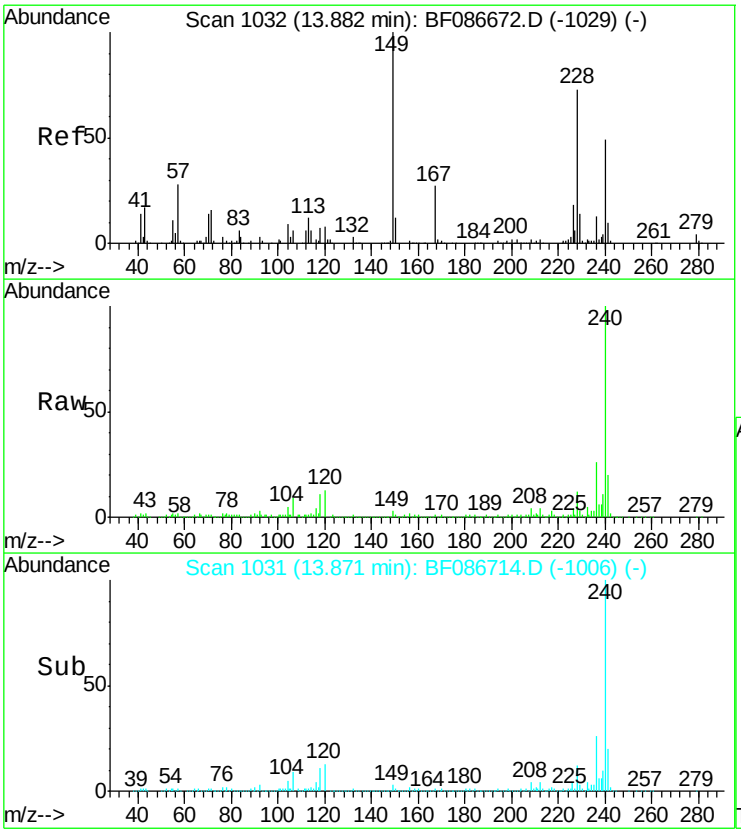
#74
Fluoranthene
Concen: 9.93 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:202 Resp: 319865

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	35.4
203	17.0	0.0	38.1

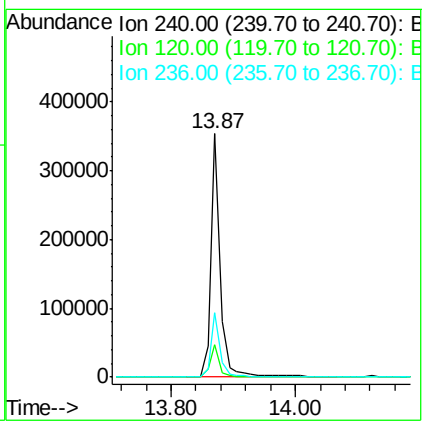


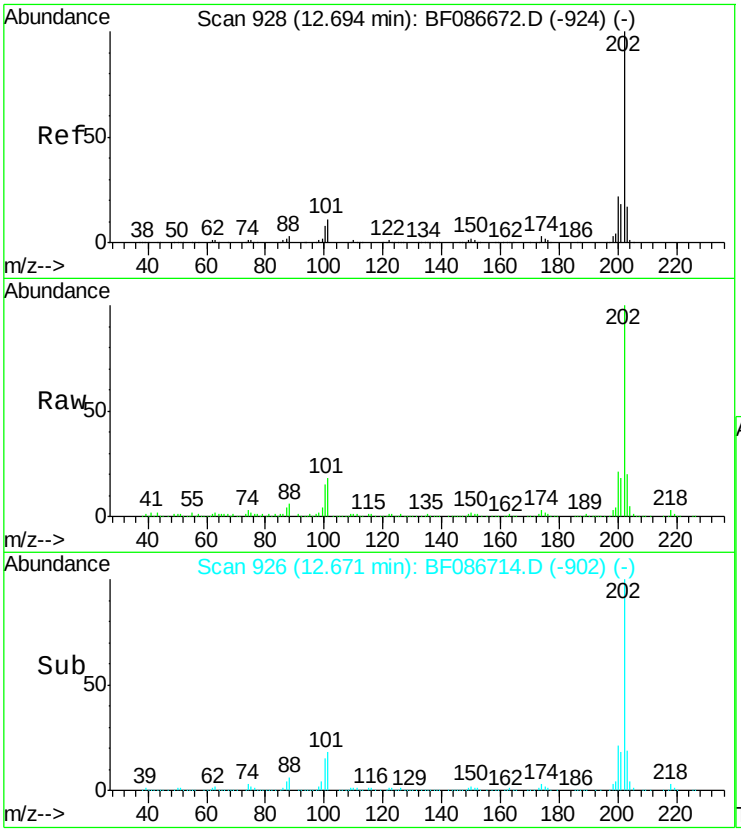


#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:240 Resp: 367059

Ion	Ratio	Lower	Upper
240	100		
120	13.2	11.2	16.8
236	26.4	21.2	31.8



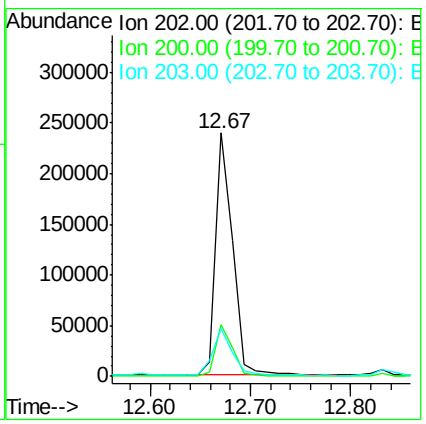


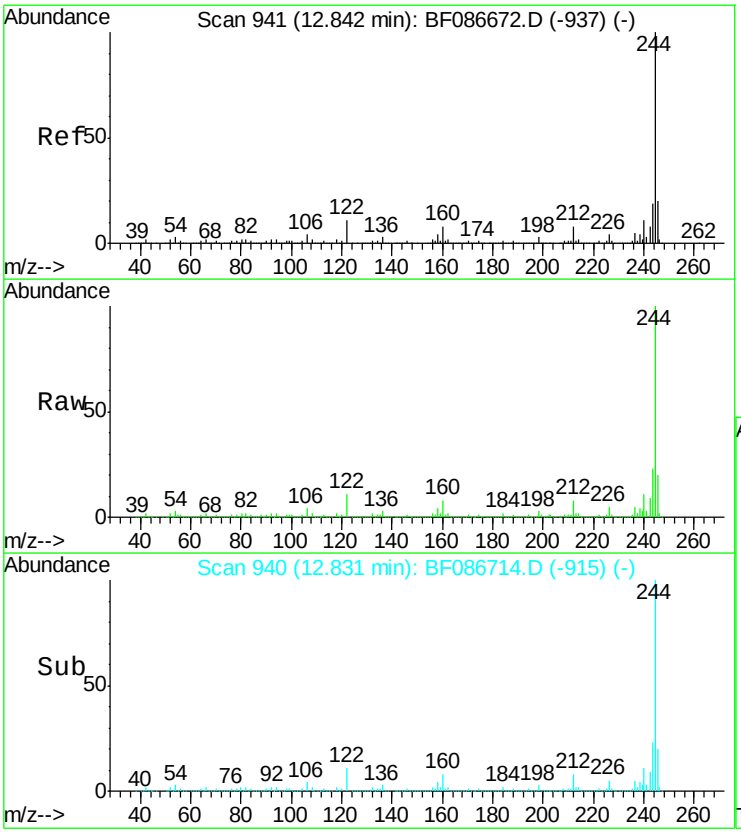
#77
Pyrene
Concen: 9.54 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:202 Resp: 279216

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	19.6	14.2	21.4

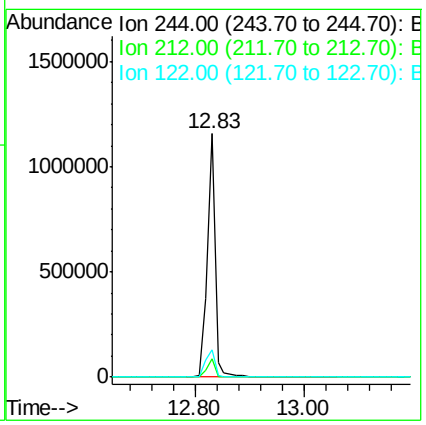


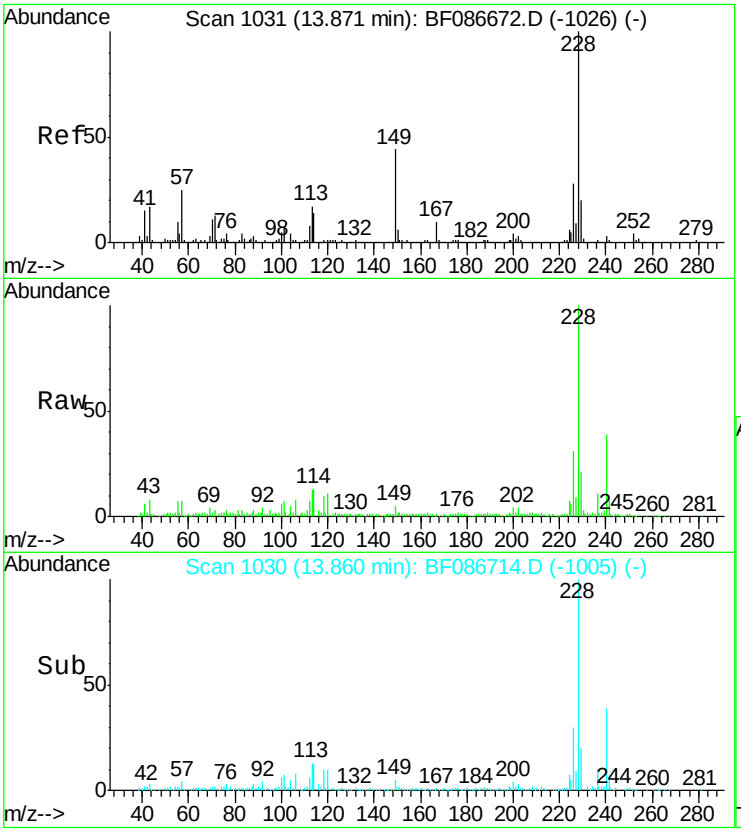


#78
Terphenyl-d14
Concen: 63.62 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:244 Resp: 1155519

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.1	12.0	18.0#



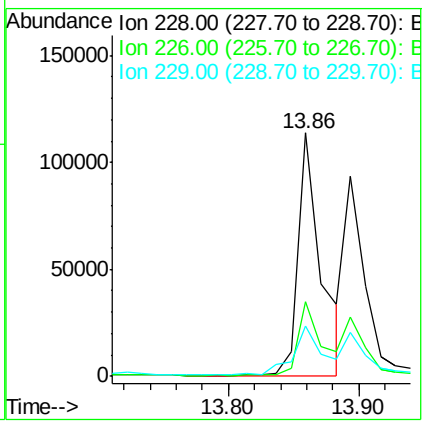


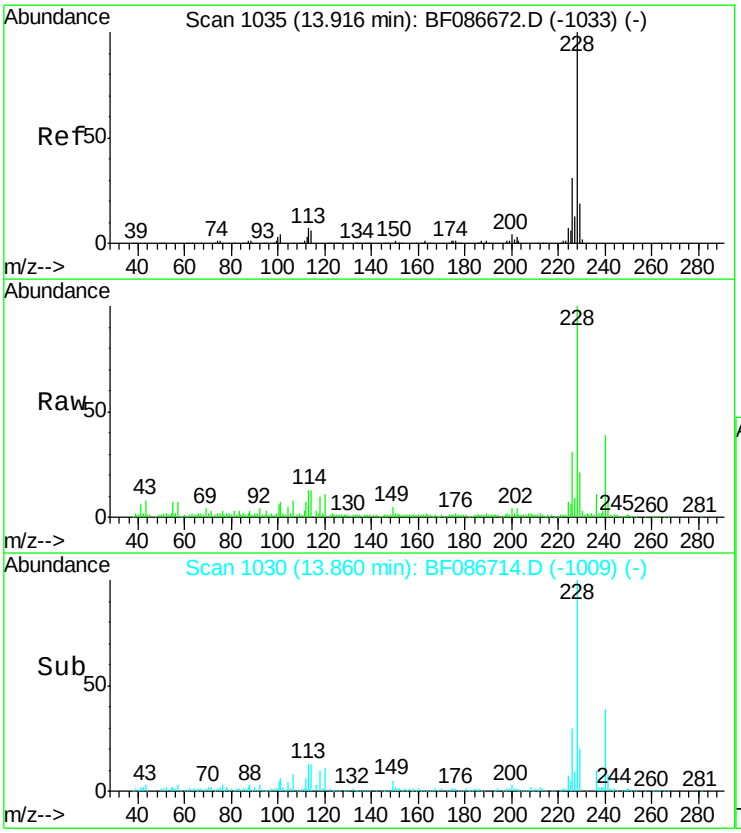
#80
Benzo(a)anthracene
Concen: 6.72 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B12(0-8.5)-C

Tgt Ion:228 Resp: 139448

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.5	33.7
229	20.8	16.6	25.0





#82
Chrysene
Concen: 6.30 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF086714.D
Acq: 5 May 2016 19:21

Tgt Ion:228 Resp: 139448

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.8	15.8	23.8