Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087371.D
Acq On : 25 May 2016 14:29
Operator : UM/SJ
Sample : H3218-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-3(6.5-7)

Quant Time: May 25 22:27:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	103420	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	433064	20.00	ng		0.00
38) Acenaphthene-d10	12.38	164	202584	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	375885	20.00	ng		0.00
75) Chrysene-d12	18.47	240	266407	20.00	ng		-0.01
86) Perylene-d12	20.14	264	215830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	516095	87.69	ng		-0.01
7) Phenol-d6	7.05	99	797483	100.28	ng		-0.02
23) Nitrobenzene-d5	8.43	82	575302	66.95	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	147389	75.71	ng		-0.01
44) 2-Fluorobiphenyl	11.33	172	807981	56.23	ng		-0.01
78) Terphenyl-d14	17.12	244	550557	43.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	187678	60.43	ng	#	22
6) Aniline	7.02	93	558339	54.27	ng		93
11) bis(2-Chloroethyl)ether	7.02	93	558339	79.43	ng	#	25
19) n-Nitroso-di-n-propylamine	8.43	70	76258	12.86	ng	#	78
31) Naphthalene	9.59	128	78946	3.64	ng		99
37) 2-Methylnaphthalene	10.73	142	28788	2.12	ng	#	94
49) Dimethylphthalate	12.02	163	152758	9.41	ng		100
70) Phenanthrene	14.82	178	78494	3.77	ng		98
71) Anthracene	14.82	178	78494	3.73	ng		98
74) Fluoranthene	16.58	202	45248	2.17	ng		95
77) Pyrene	16.89	202	40445	2.11	ng		95
82) Chrysene	18.51	228	48874	3.25	ng	#	82
87) Benzo(b)fluoranthene	19.75	252	31636	2.30	ng		95
88) Benzo(k)fluoranthene	19.75	252	31636	2.67	ng		97

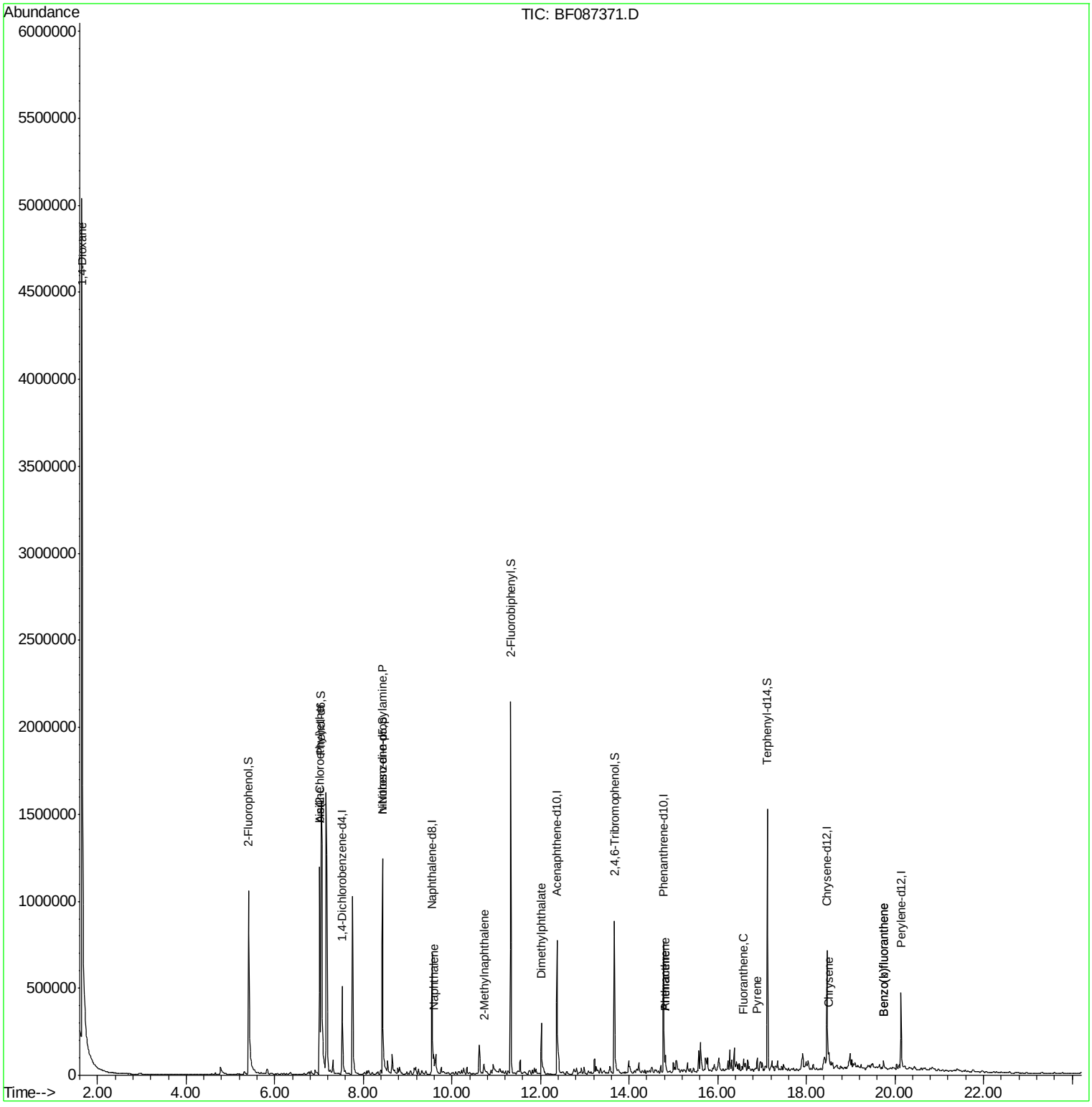
(#) = qualifier out of range (m) = manual integration (+) = signals summed

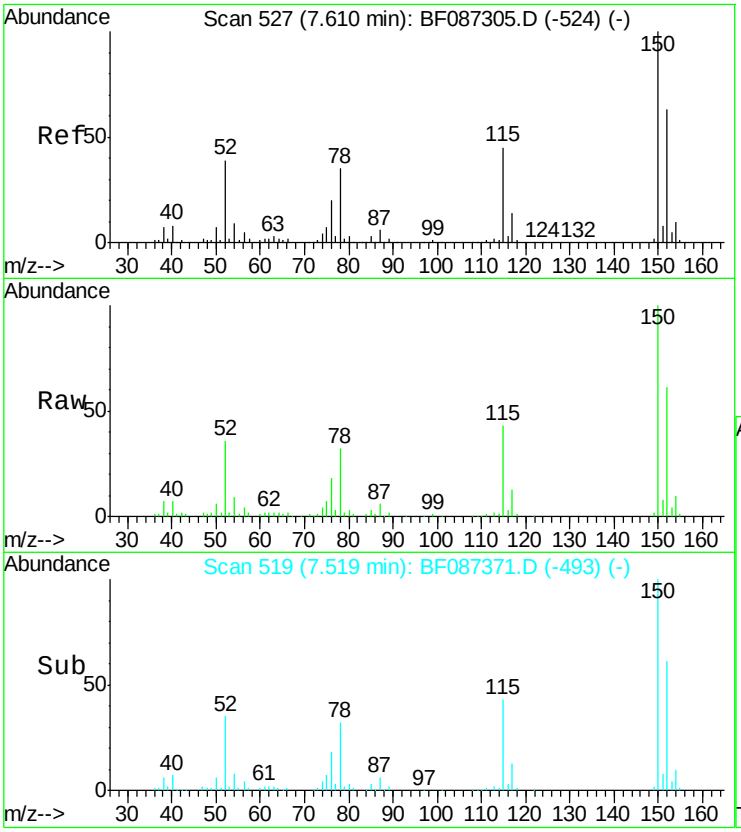
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087371.D
Acq On : 25 May 2016 14:29
Operator : UM/SJ
Sample : H3218-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Quant Time: May 25 22:27:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



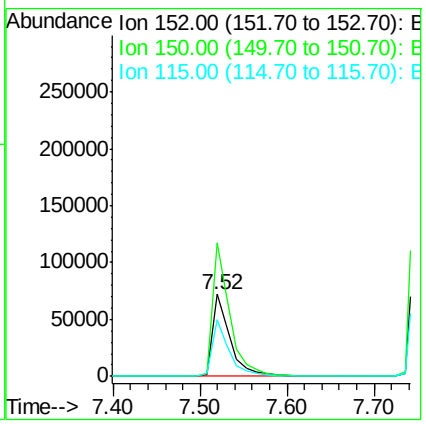


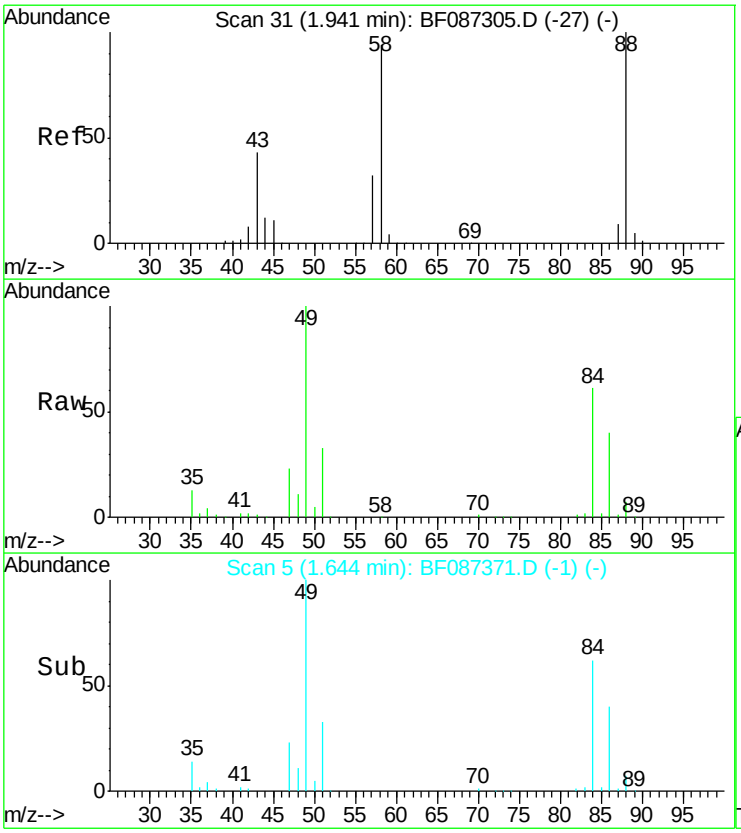
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:152 Resp: 103420

Ion	Ratio	Lower	Upper
152	100		
150	162.9	125.8	188.6
115	69.6	51.5	77.3

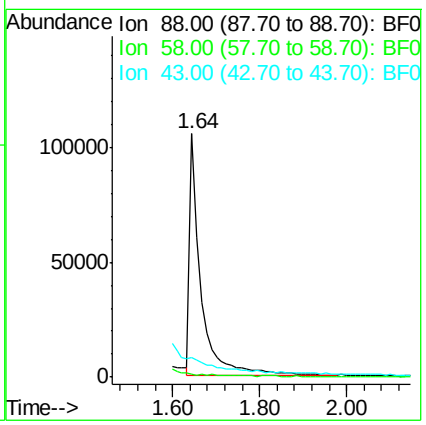


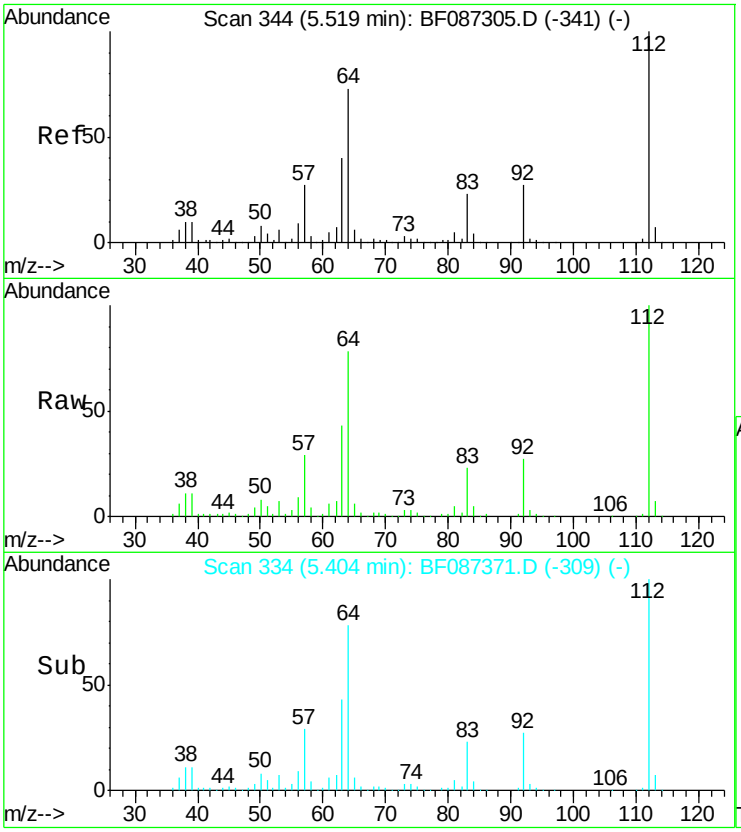


#2
1,4-Dioxane
Concen: 60.43 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion: 88 Resp: 187678

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



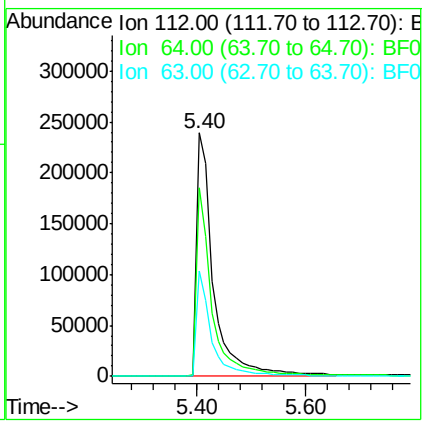


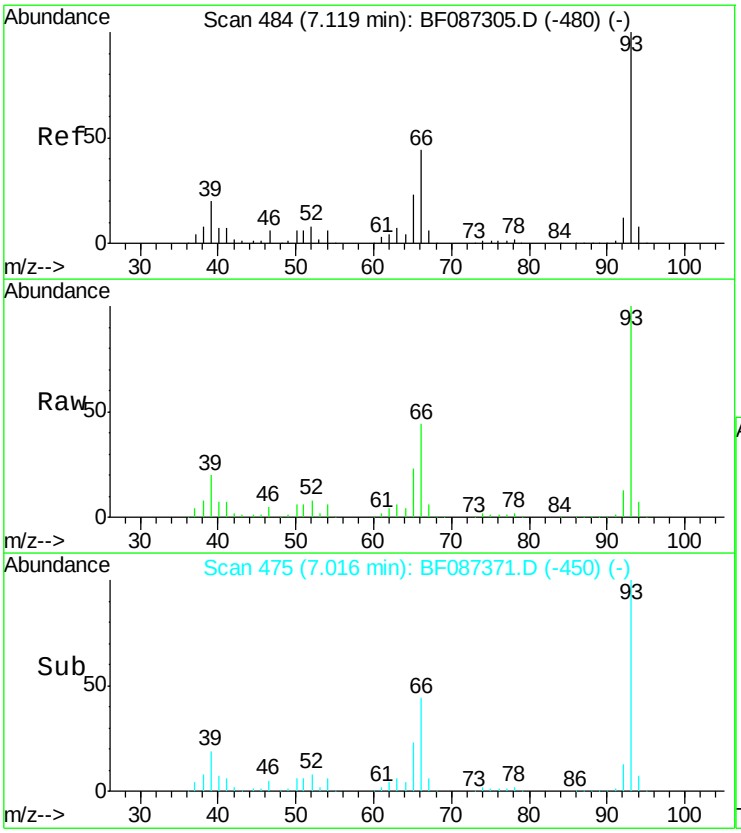
#5
2-Fluorophenol
Concen: 87.69 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:112 Resp: 516095

Ion	Ratio	Lower	Upper
112	100		
64	77.6	52.1	78.1
63	43.1	25.7	38.5#

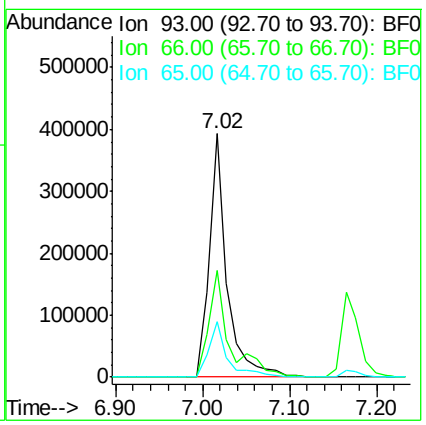


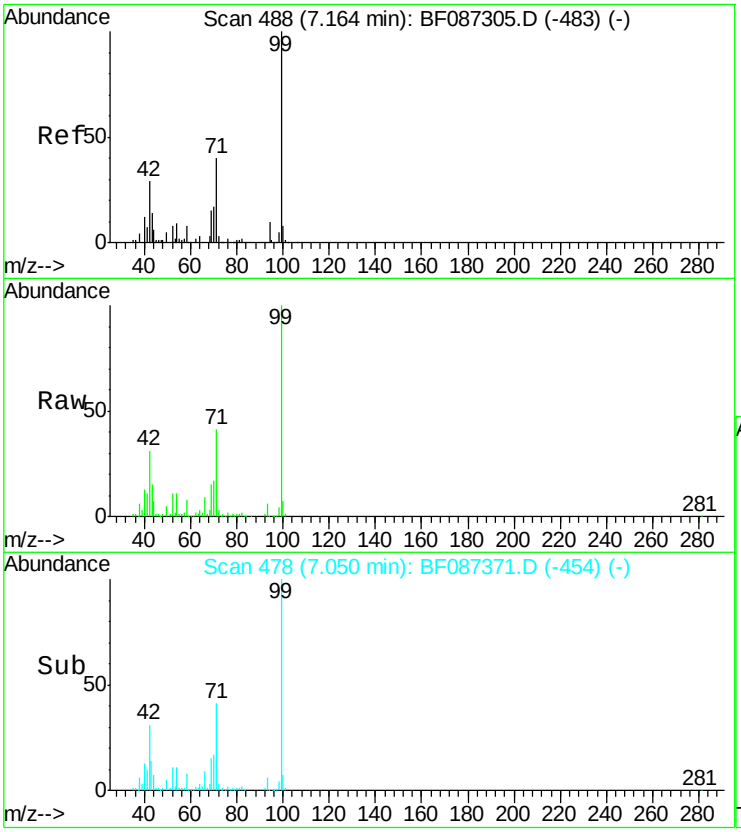


#6
Aniline
Concen: 54.27 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion: 93 Resp: 558339

Ion	Ratio	Lower	Upper
93	100		
66	43.8	39.0	58.6
65	23.0	20.6	31.0



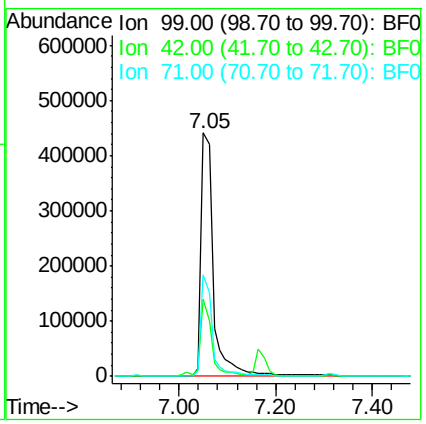


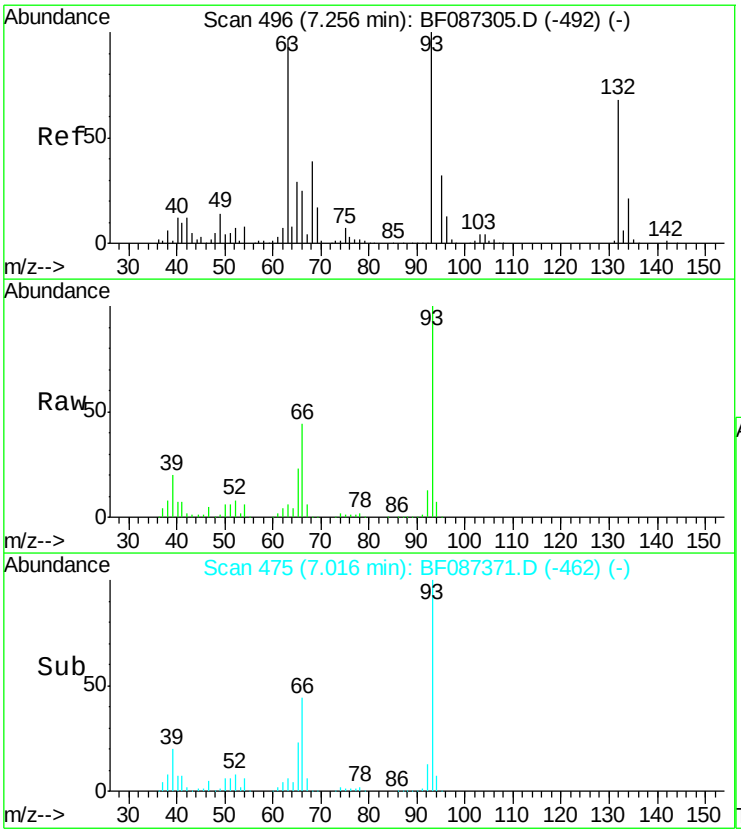
#7
Phenol-d6
Concen: 100.28 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion: 99 Resp: 797483

Ion	Ratio	Lower	Upper
99	100		
42	31.5	13.6	20.4#
71	41.5	24.6	36.8#

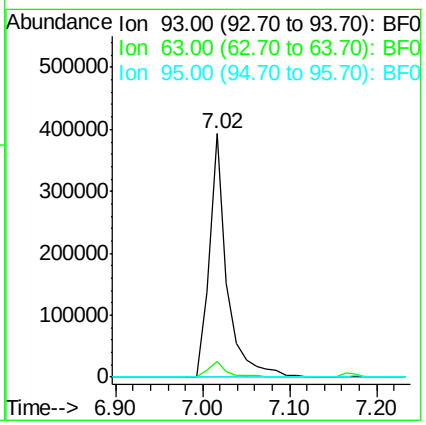


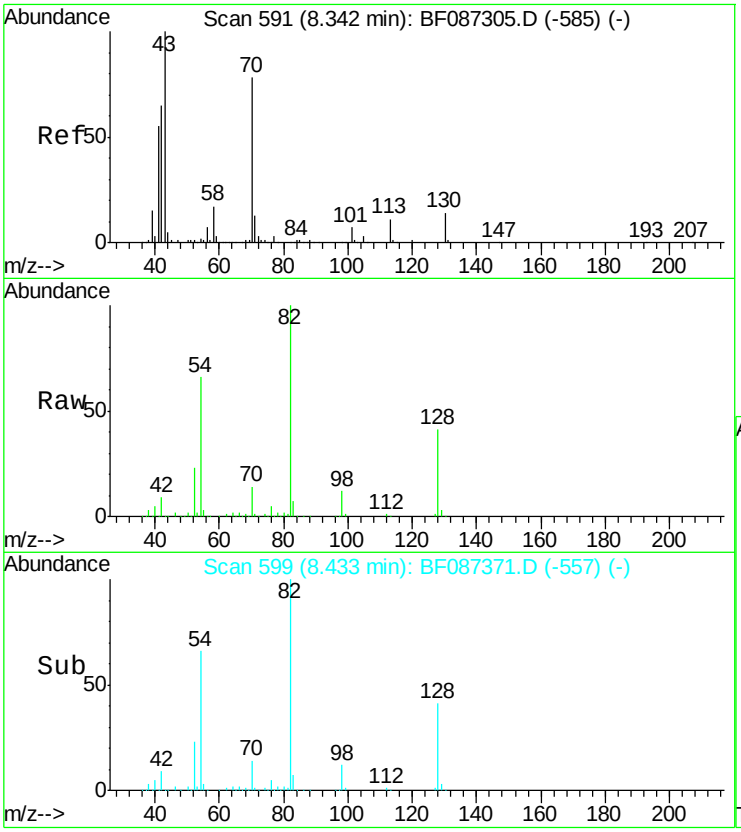


#11
bis(2-Chloroethyl)ether
Concen: 79.43 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.15 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion: 93 Resp: 558339

Ion	Ratio	Lower	Upper
93	100		
63	6.3	58.0	98.0#
95	0.2	11.9	51.9#



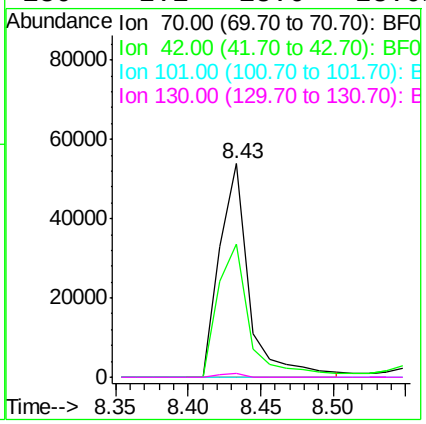


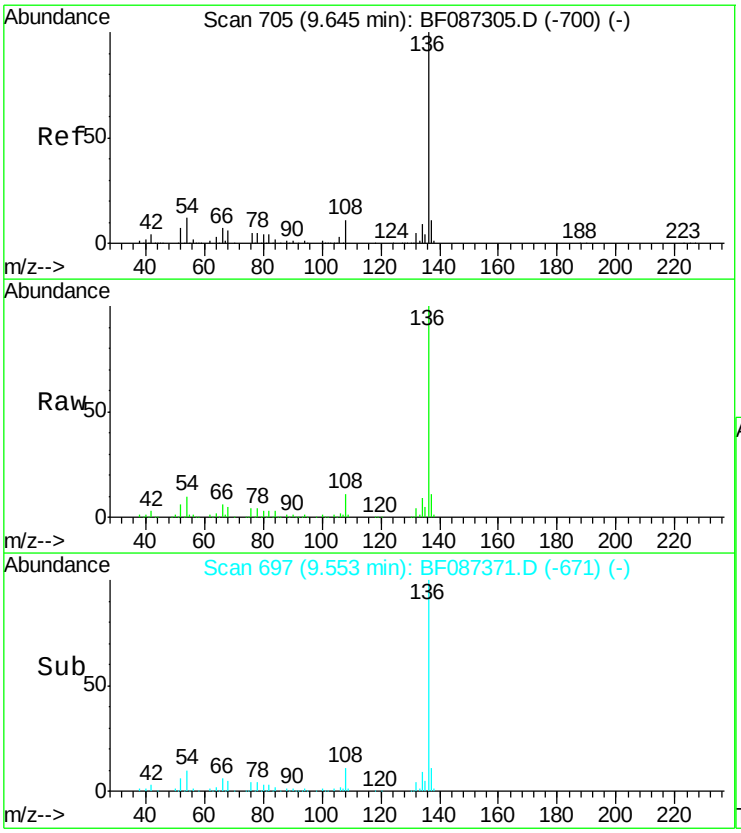
#19
n-Nitroso-di-n-propylamine
Concen: 12.86 ng
RT: 8.43 min Scan# 599
Delta R.T. 0.18 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion: 70 Resp: 76258

Ion	Ratio	Lower	Upper
70	100		
42	62.6	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

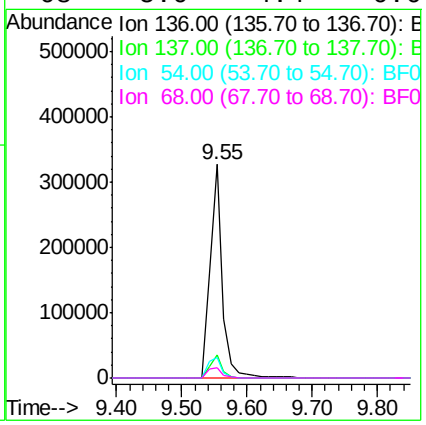


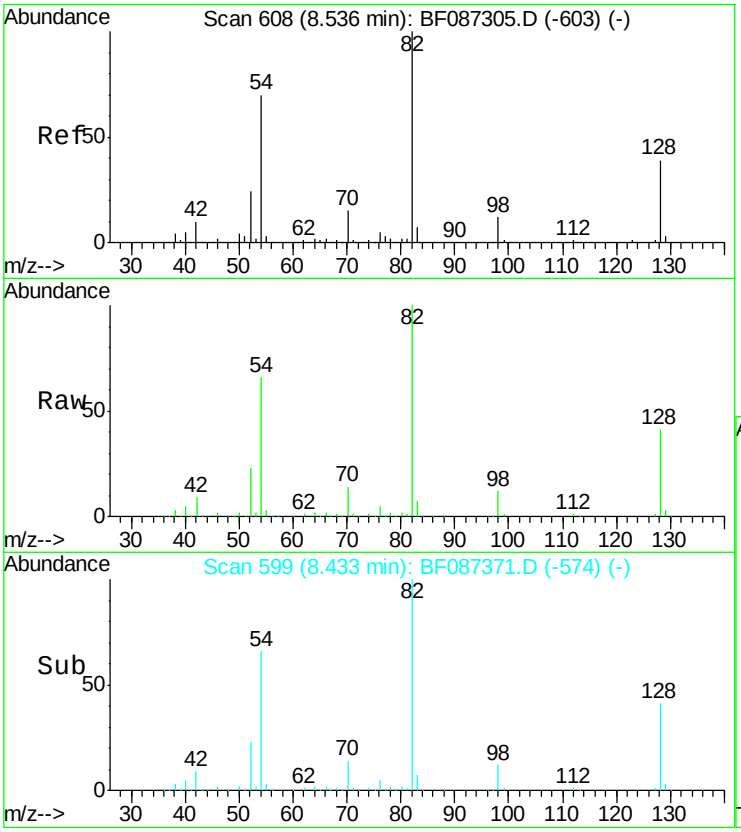


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:136 Resp: 433064

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.9	5.0	7.4#
68	5.0	4.4	6.6



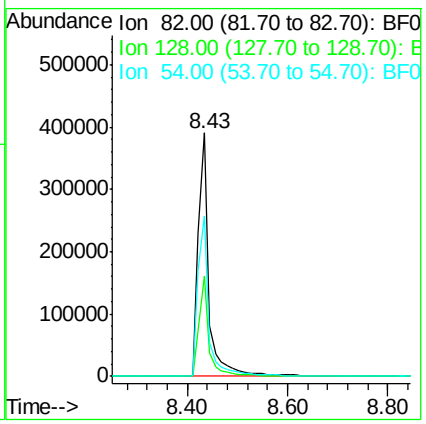


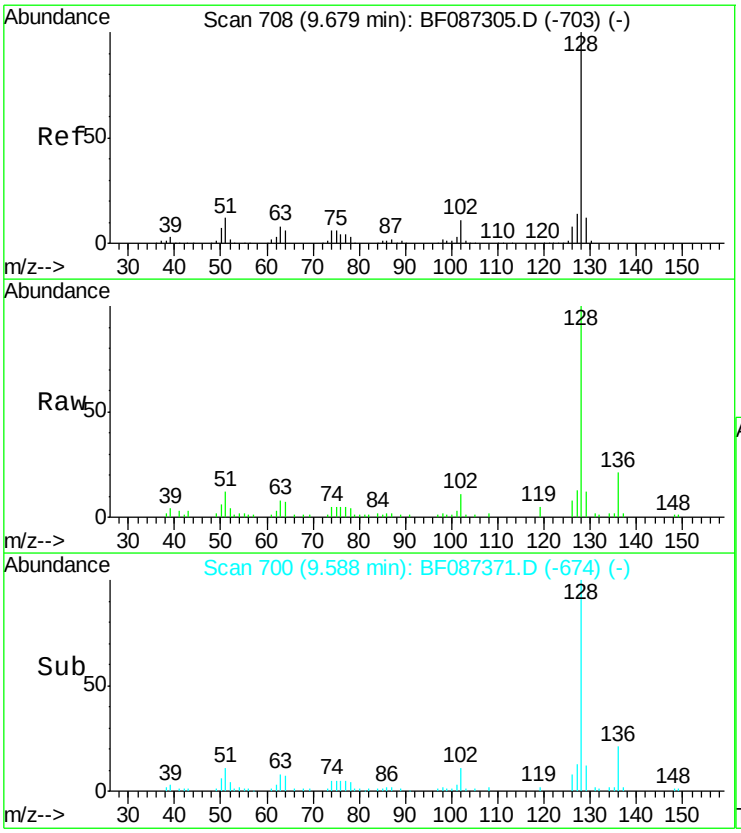
#23
Nitrobenzene-d5
Concen: 66.95 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion: 82 Resp: 575302

Ion	Ratio	Lower	Upper
82	100		
128	41.3	40.6	61.0
54	65.7	38.1	57.1#

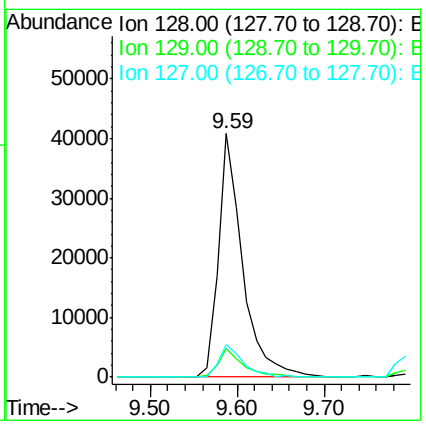


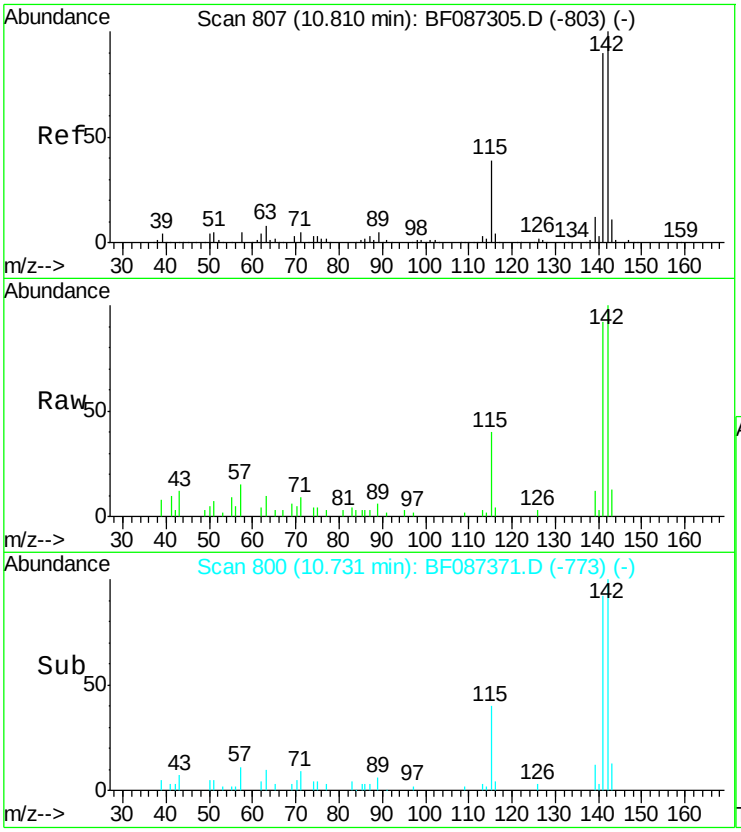


#31
Naphthalene
Concen: 3.64 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:128 Resp: 78946

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.4	10.8	16.2



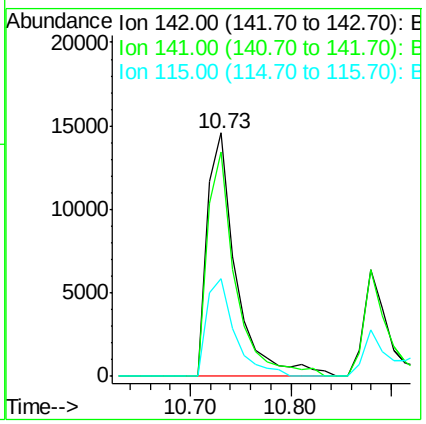


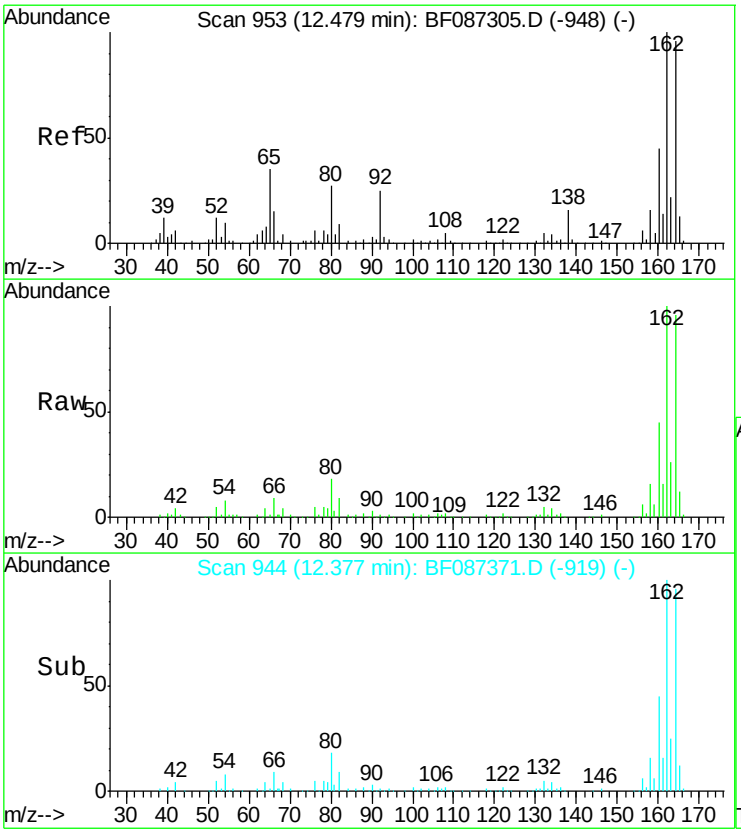
#37
2-Methylnaphthalene
Concen: 2.12 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:142 Resp: 28788

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.0	106.6
115	40.1	26.6	39.8#

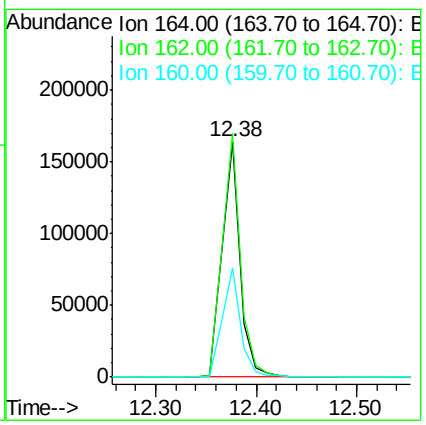


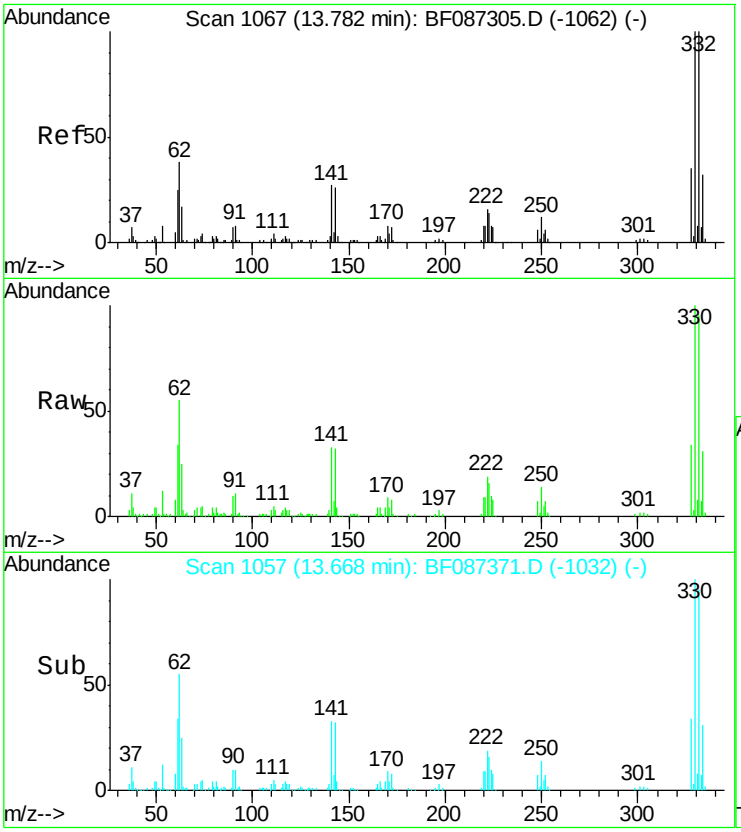


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:164 Resp: 202584

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	46.7	36.9	55.3



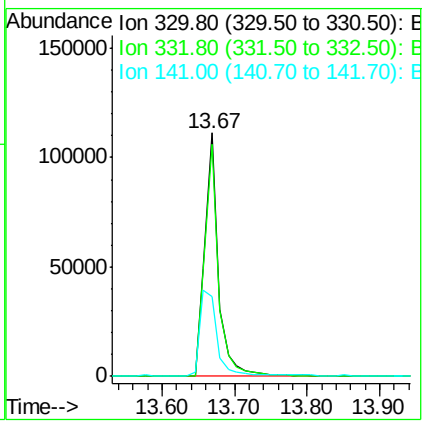


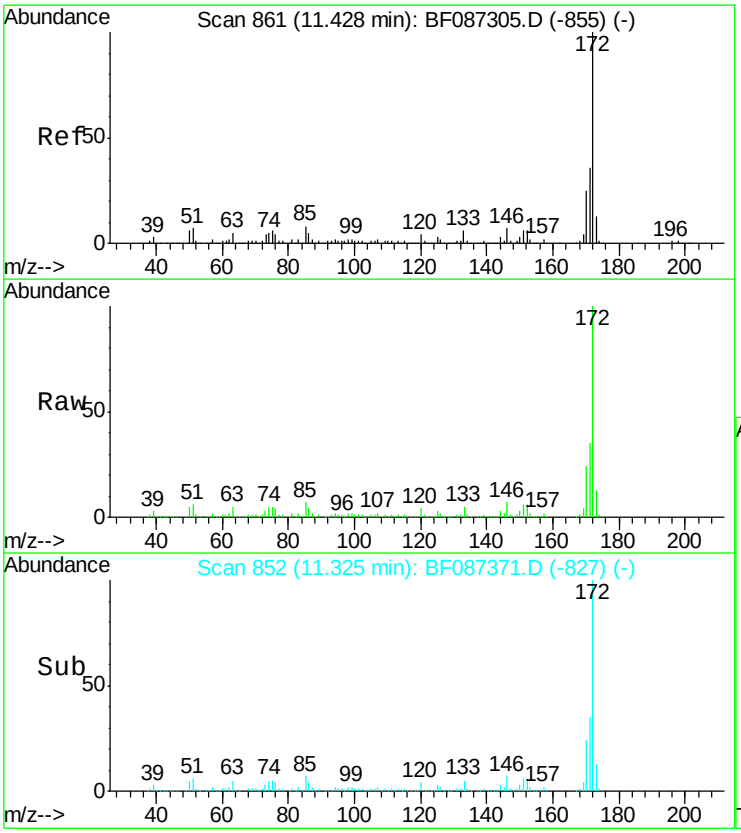
#41
2,4,6-Tribromophenol
Concen: 75.71 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:330 Resp: 147389

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	46.4	31.2	46.8

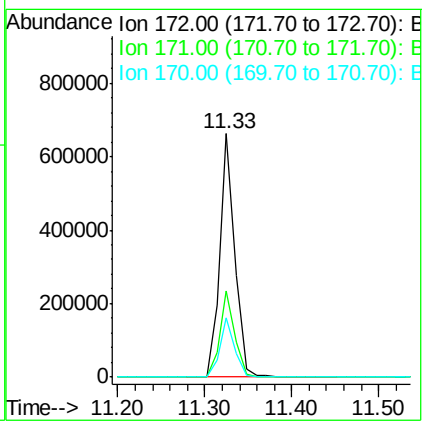


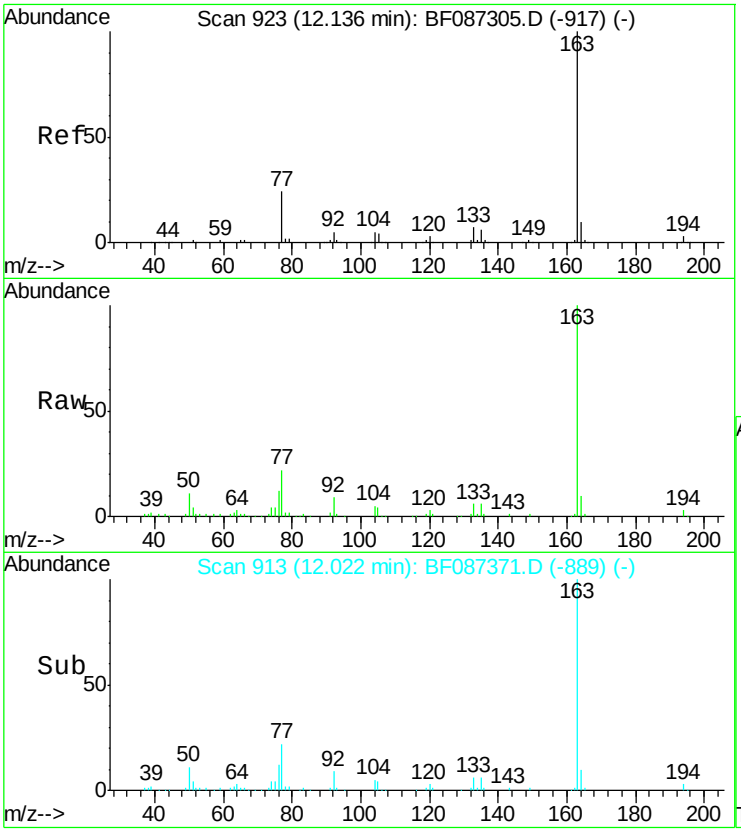


#44
2-Fluorobiphenyl
Concen: 56.23 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:172 Resp: 807981

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	24.1	19.8	29.8



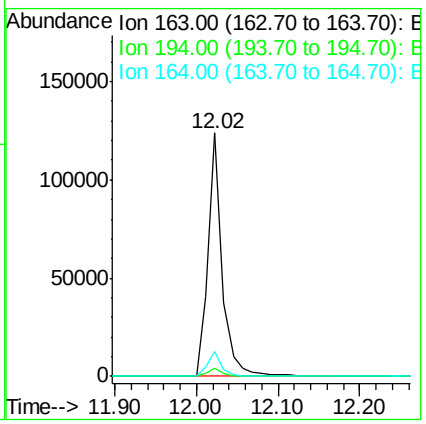


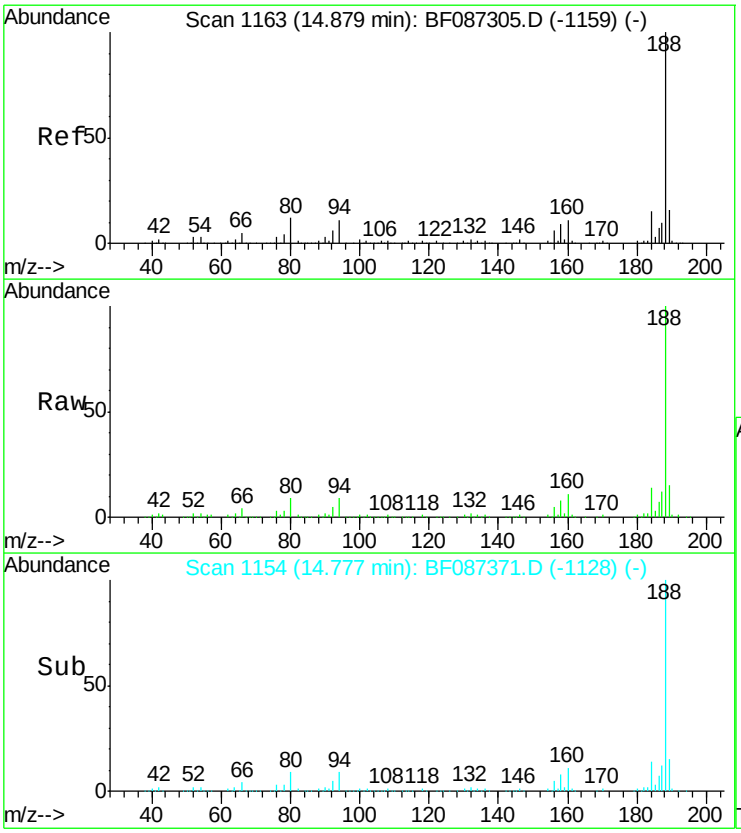
#49
Dimethylphthalate
Concen: 9.41 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:163 Resp: 152758

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.2	12.4

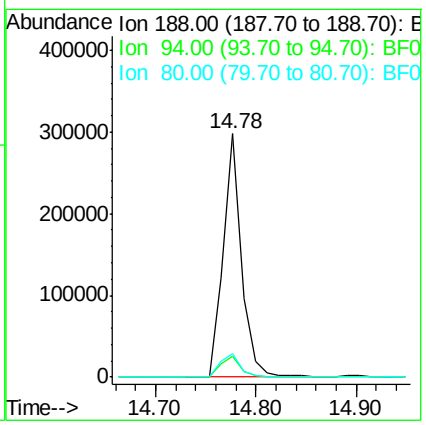


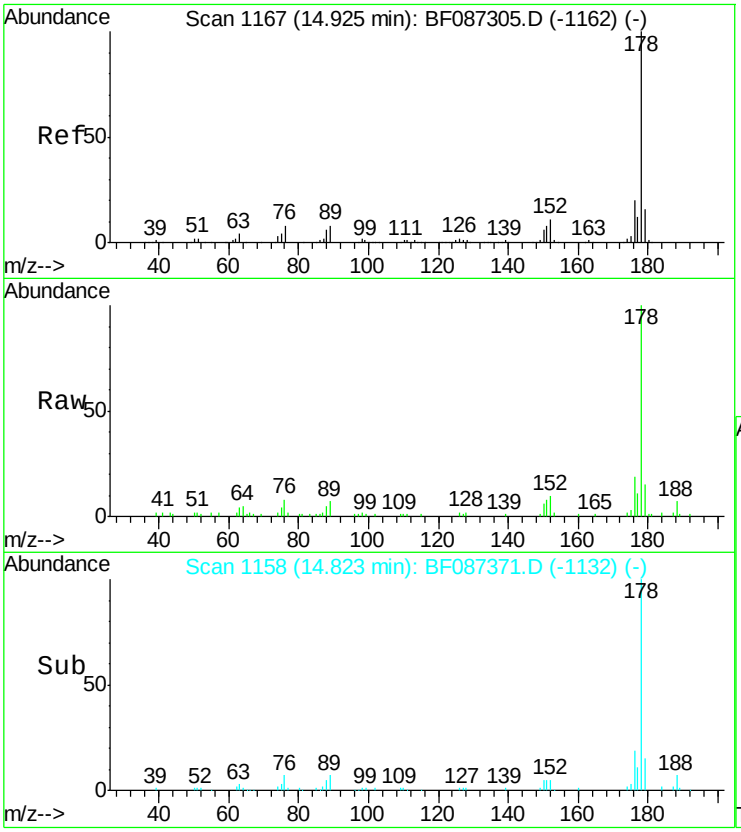


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:188 Resp: 375885

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.8	10.2
80	9.4	7.1	10.7



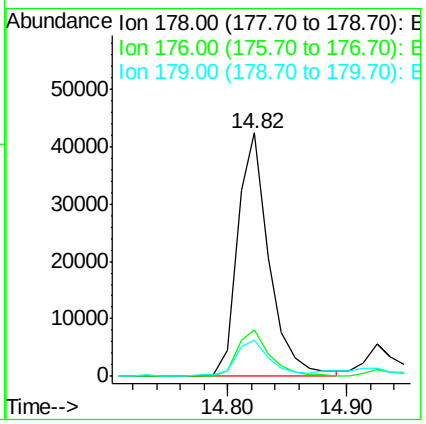


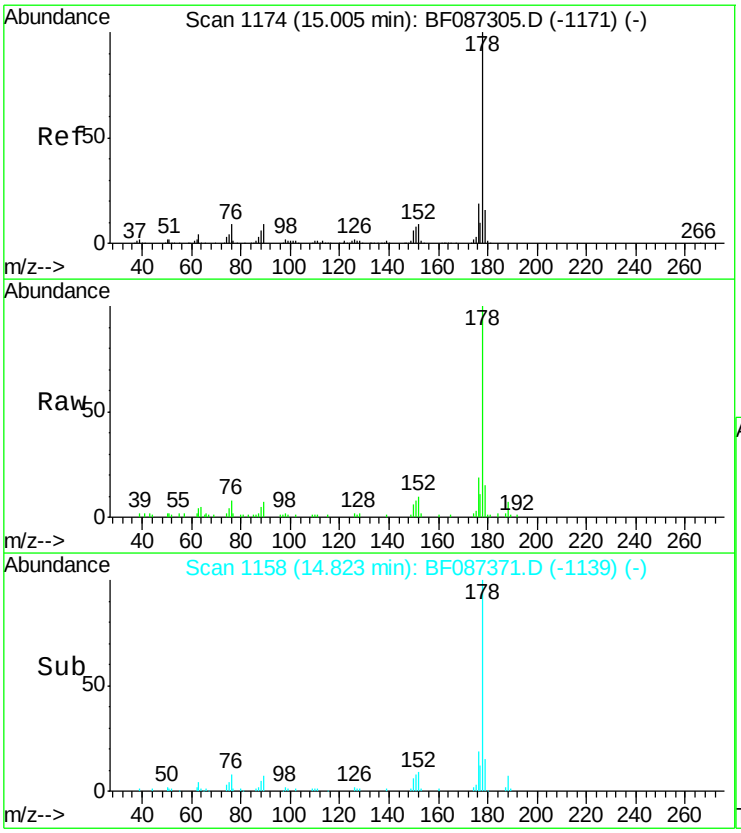
#70
Phenanthrene
Concen: 3.77 ng
RT: 14.82 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:178 Resp: 78494

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.0	24.0
179	15.1	12.6	18.8

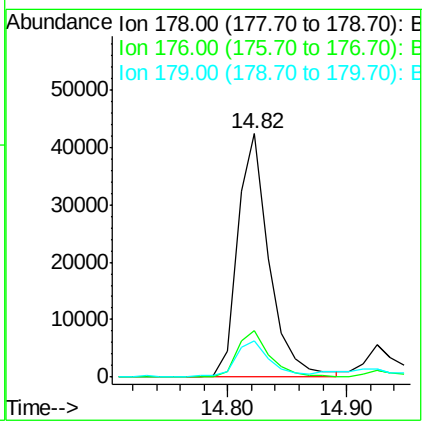


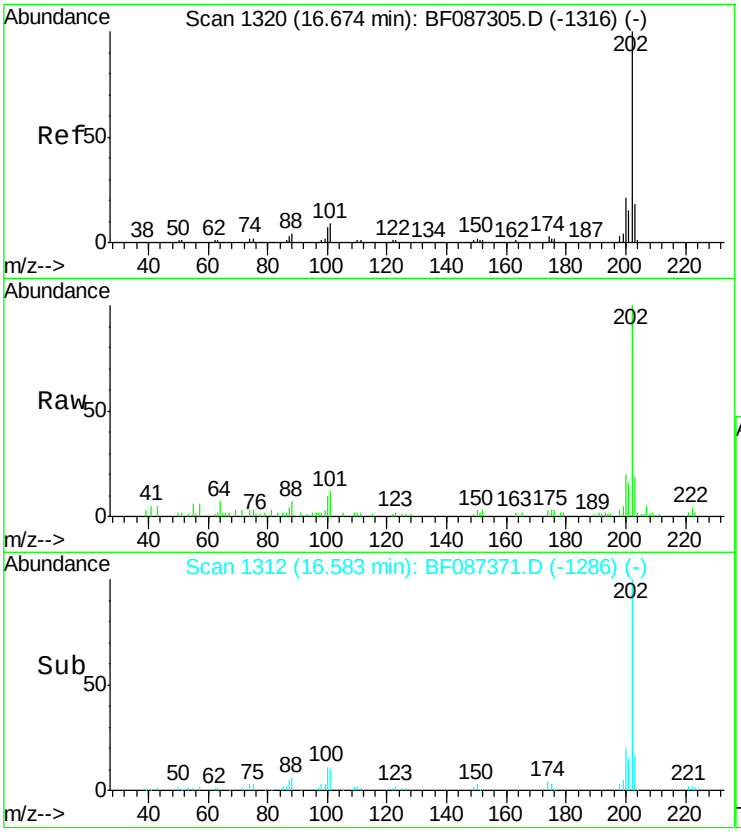


#71
Anthracene
Concen: 3.73 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.08 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:178 Resp: 78494

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.1	12.7	19.1



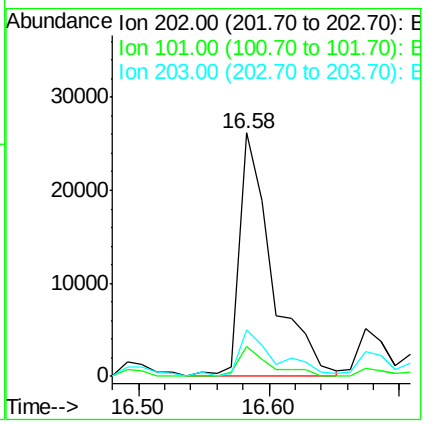


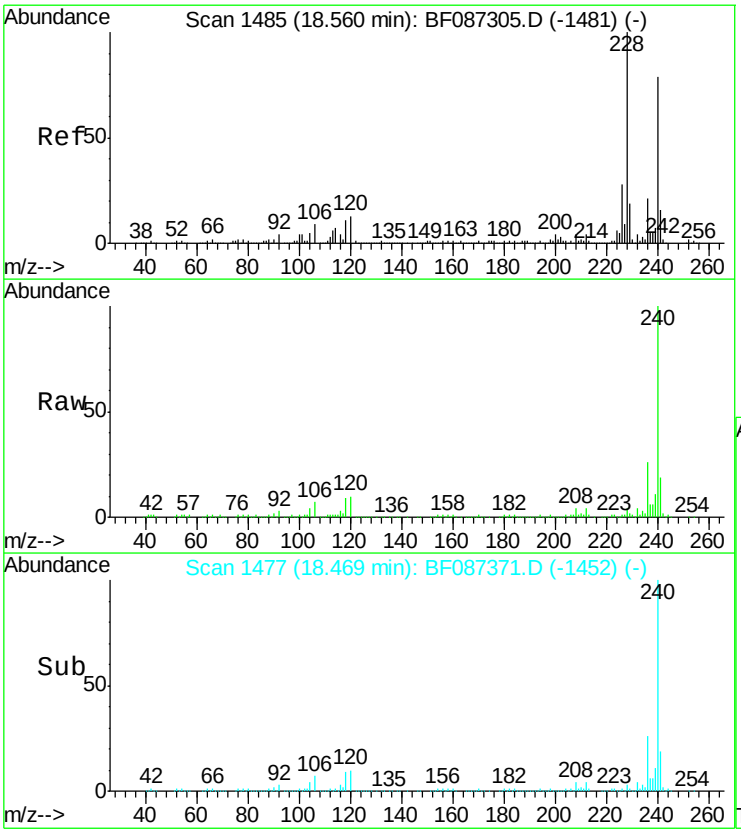
#74
Fluoranthene
Concen: 2.17 ng
RT: 16.58 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:202 Resp: 45248

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	35.4
203	19.4	0.0	38.1

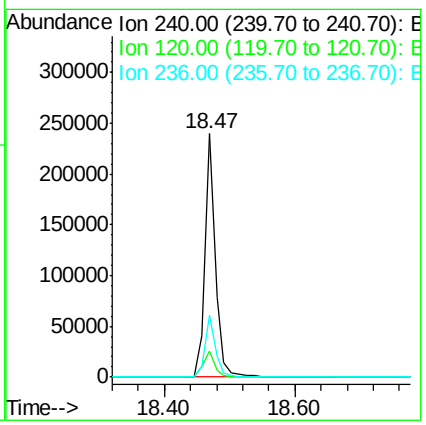


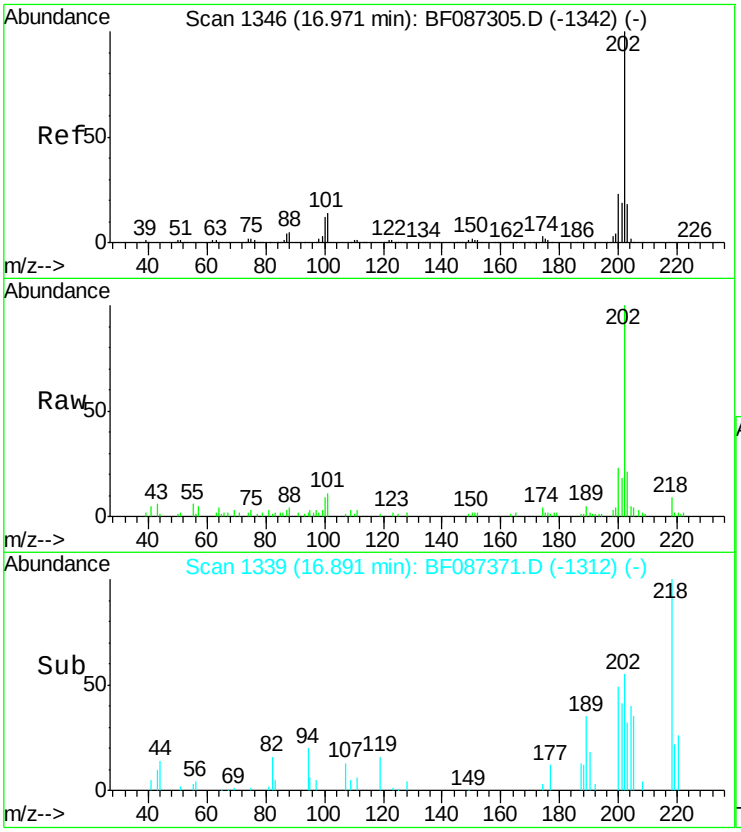


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:240 Resp: 266407

Ion	Ratio	Lower	Upper
240	100		
120	10.4	11.2	16.8#
236	25.6	21.2	31.8



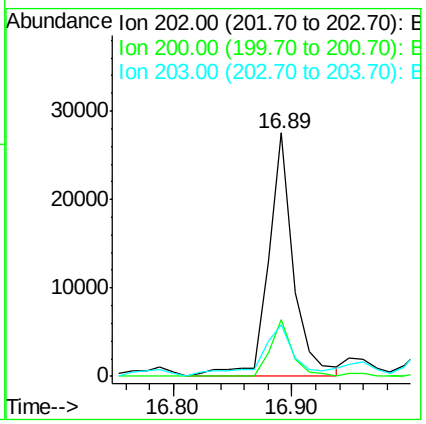


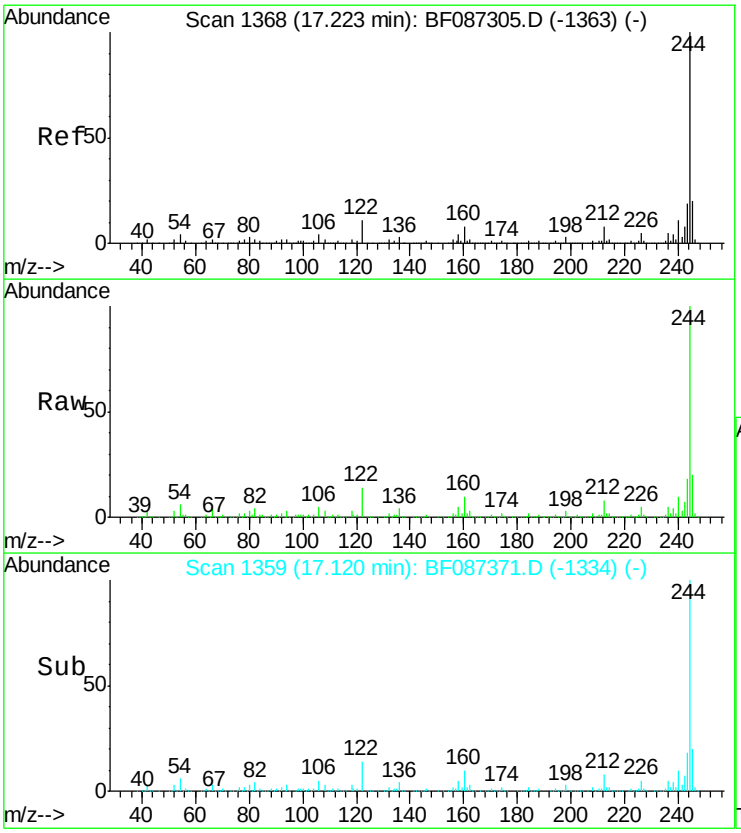
#77
Pyrene
Concen: 2.11 ng
RT: 16.89 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:202 Resp: 40445

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.7	26.5
203	21.3	14.2	21.4

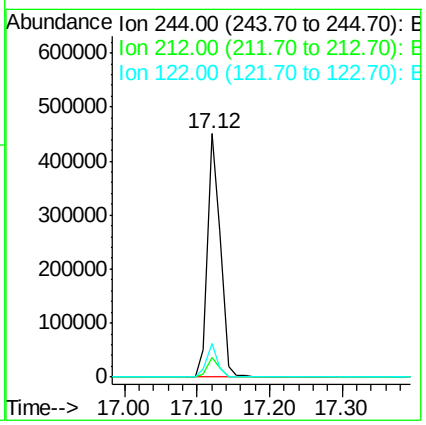


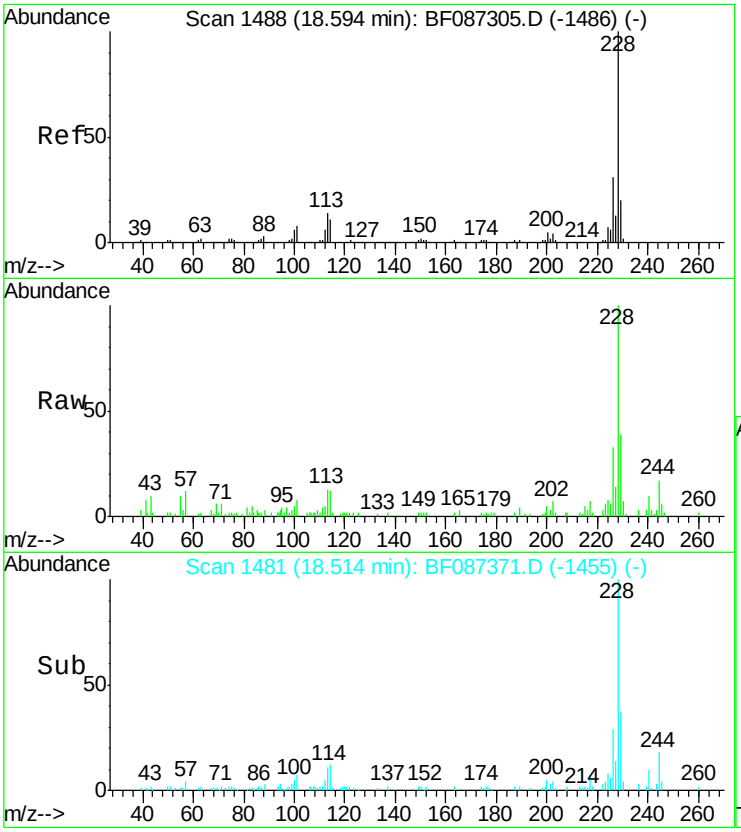


#78
Terphenyl-d14
Concen: 43.94 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:244 Resp: 550557

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.9	12.0	18.0



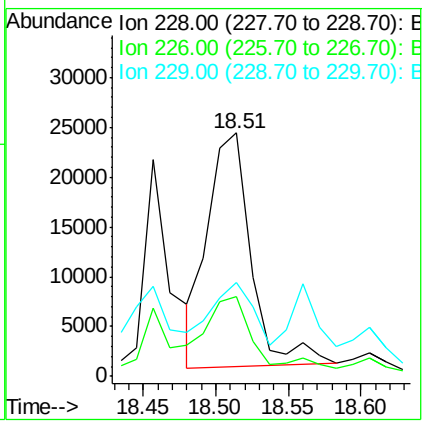


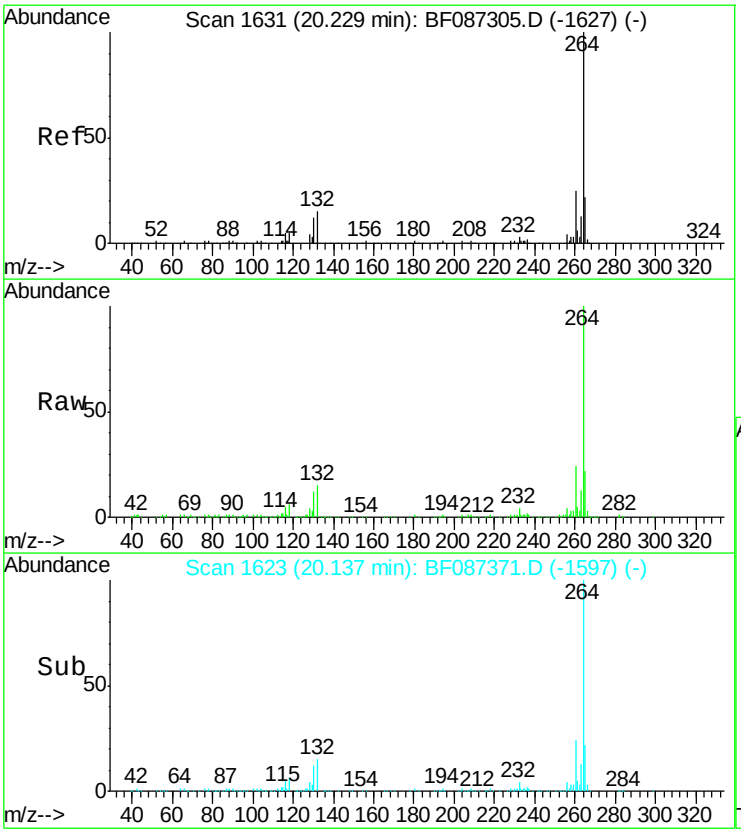
#82
Chrysene
Concen: 3.25 ng
RT: 18.51 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:228 Resp: 48874

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.4	36.6
229	38.5	15.8	23.8#

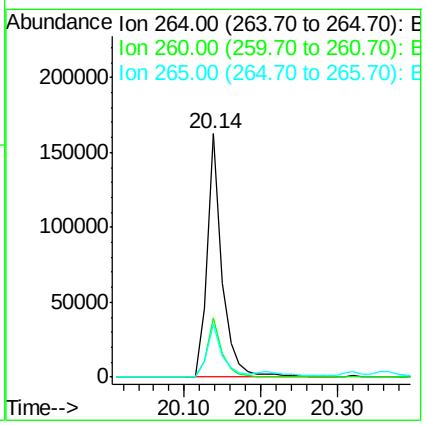


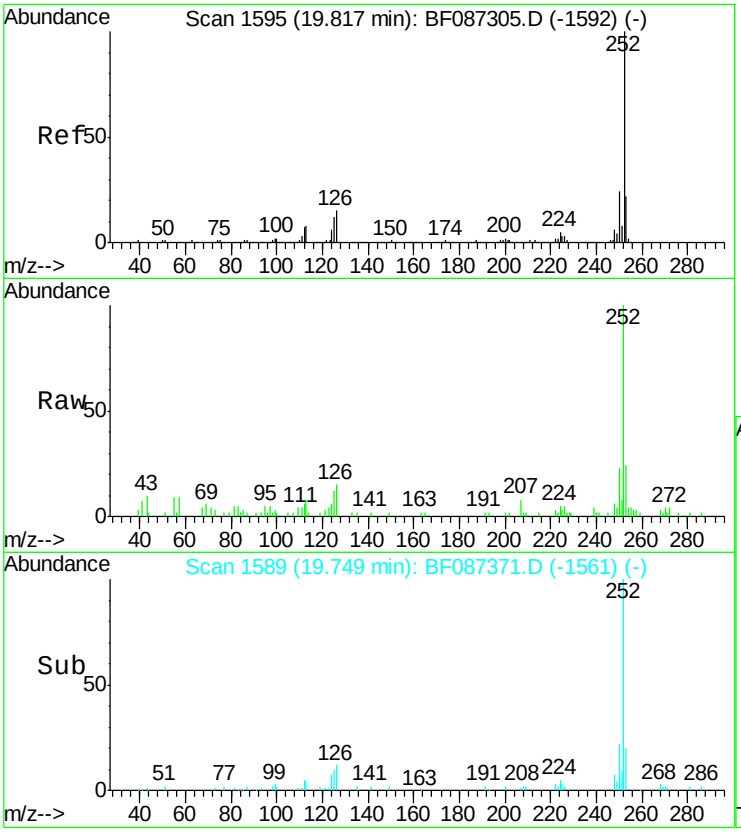


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:264 Resp: 215830

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.0	17.3	25.9



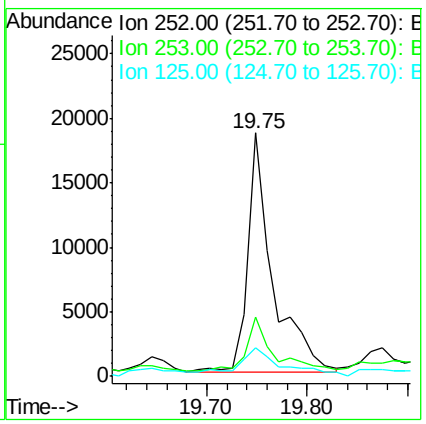


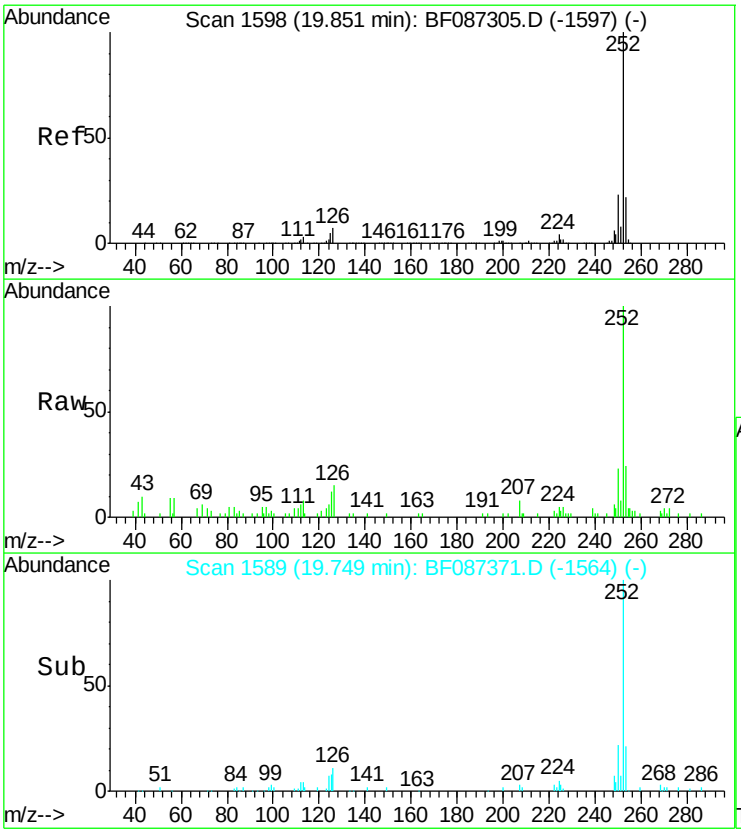
#87
Benzo(b)fluoranthene
Concen: 2.30 ng
RT: 19.75 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)

Tgt Ion:252 Resp: 31636

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	11.9	11.4	17.0





#88
Benzo(k)fluoranthene
Concen: 2.67 ng
RT: 19.75 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF087371.D
Acq: 25 May 2016 14:29

Tgt Ion:252 Resp: 31636

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	11.9	9.1	13.7