Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089021.D
Acq On : 15 Jul 2016 17:26
Operator : UM/SJ
Sample : H3972-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB09(0-2in)

Quant Time: Jul 15 22:58:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	60068	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	233800	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	89446	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	135244	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	109874	20.00	ng		-0.05
86) Perylene-d12	15.18	264	82140	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	186307	46.48	ng		-0.02
7) Phenol-d6	6.33	99	241021	46.54	ng		-0.02
23) Nitrobenzene-d5	7.24	82	139811	31.34	ng		-0.03
41) 2,4,6-Tribromophenol	10.49	330	28609	34.44	ng		-0.05
44) 2-Fluorobiphenyl	9.04	172	250722	44.28	ng		-0.03
78) Terphenyl-d14	12.77	244	138045	27.98	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	18391	5.29	ng	#	78
49) Dimethylphthalate	9.44	163	50829	7.98	ng		99
56) 2,4-Dinitrotoluene	9.71	165	11383	6.16	ng	#	36
70) Phenanthrene	11.21	178	22575	3.05	ng		98
74) Fluoranthene	12.39	202	50050	6.68	ng		96
77) Pyrene	12.62	202	47845	5.14	ng		97
79) Butylbenzylphthalate	13.25	149	20698	4.98	ng		93
80) Benzo(a)anthracene	13.79	228	28409	4.02	ng		95
82) Chrysene	13.79	228	28409	4.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	25385	5.35	ng		98
85) Indeno(1,2,3-cd)pyrene	16.43	276	10778	2.00	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	37996	7.37	ng	#	90
88) Benzo(k)fluoranthene	14.80	252	37996	8.47	ng	#	95
89) Benzo(a)pyrene	15.12	252	18185	4.17	ng		97
91) Benzo(g,h,i)perylene	16.82	276	10785	2.86	ng		96

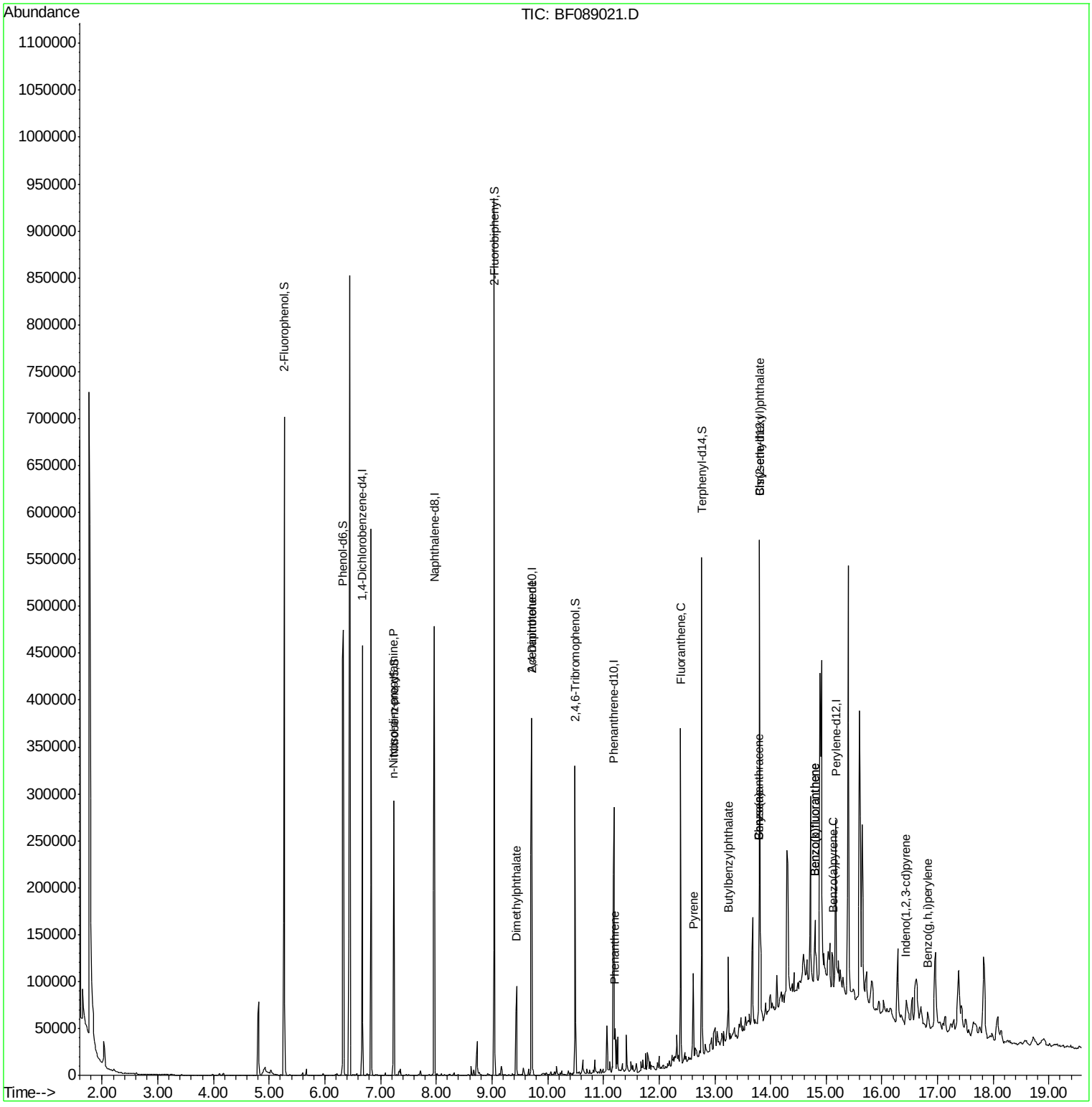
(#) = qualifier out of range (m) = manual integration (+) = signals summed

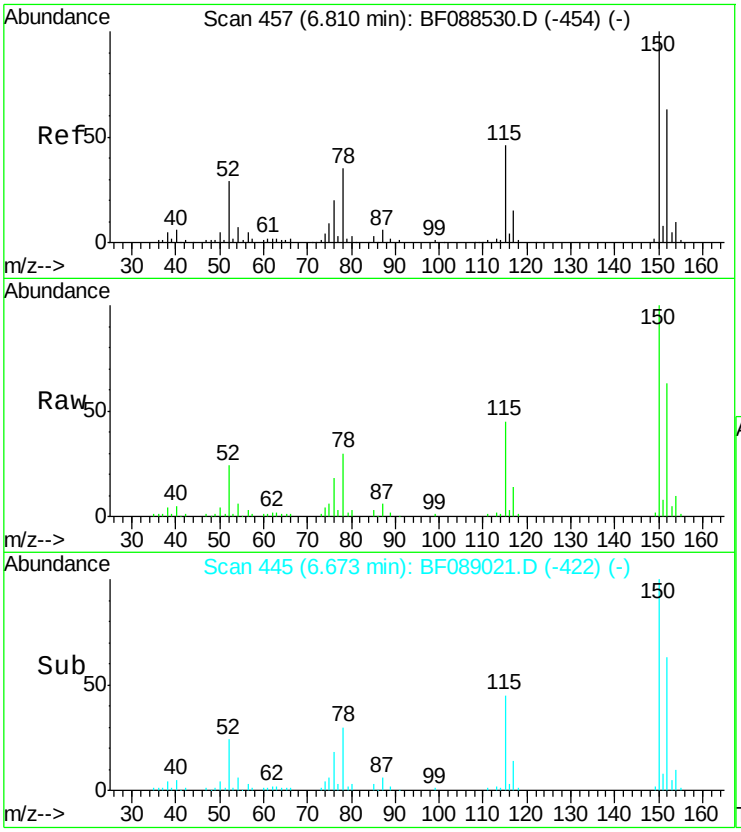
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089021.D
Acq On : 15 Jul 2016 17:26
Operator : UM/SJ
Sample : H3972-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Quant Time: Jul 15 22:58:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration



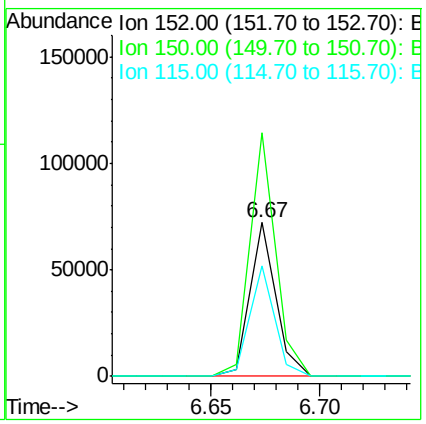


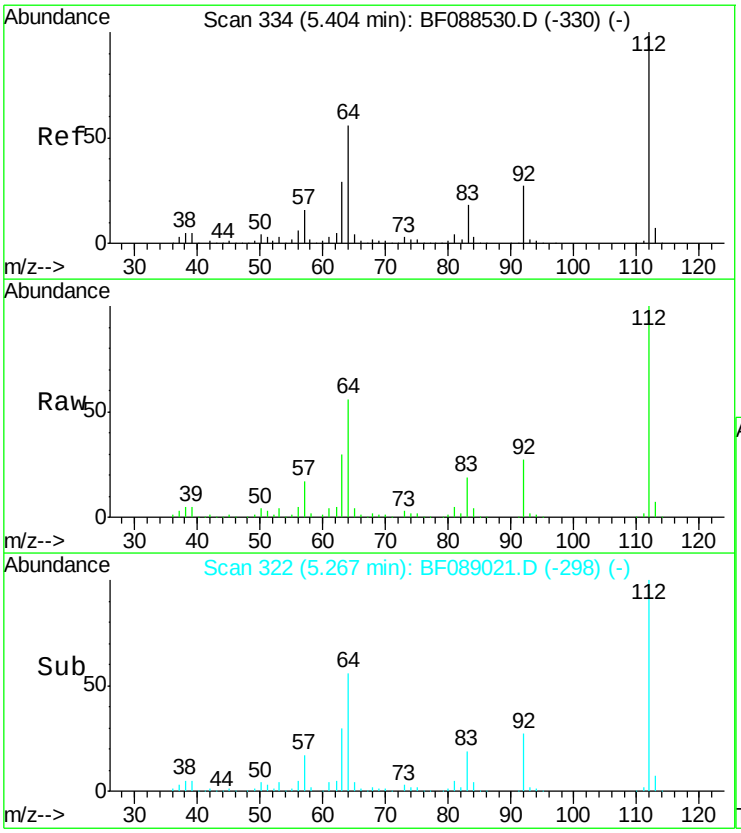
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:152 Resp: 60068

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.8	185.6
115	71.5	39.6	59.4#

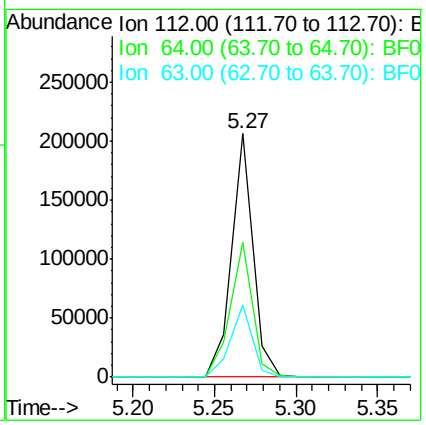


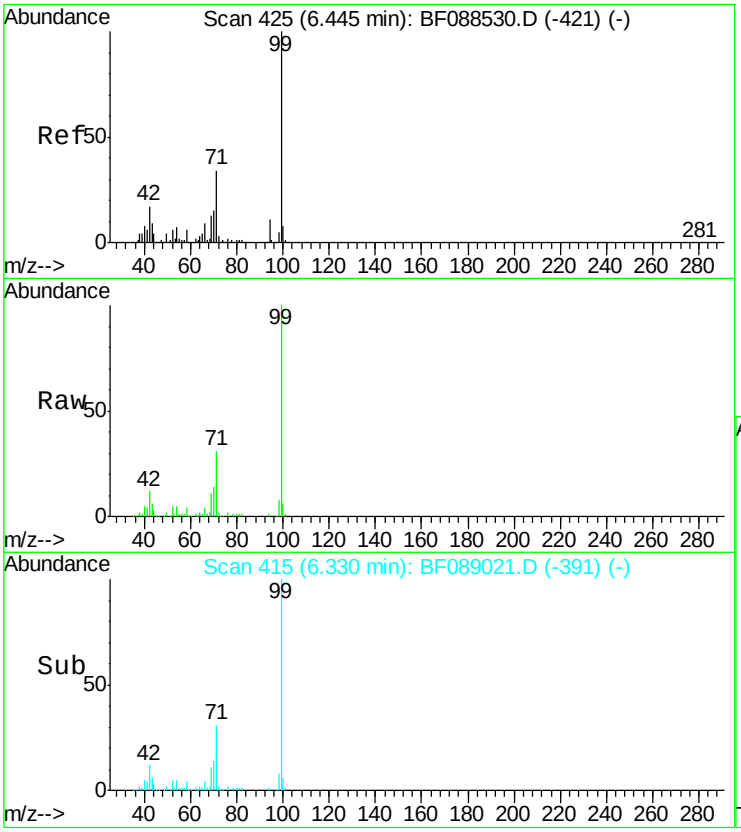


#5
2-Fluorophenol
Concen: 46.48 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:112 Resp: 186307

Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.2	63.2
63	29.8	21.8	32.8



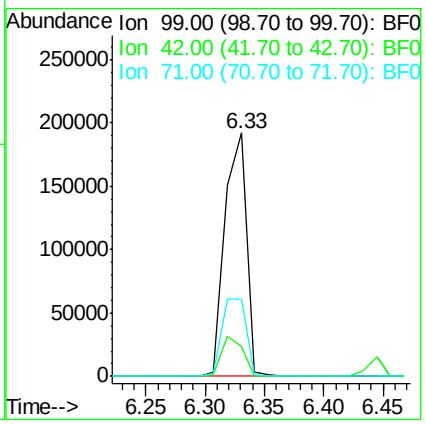


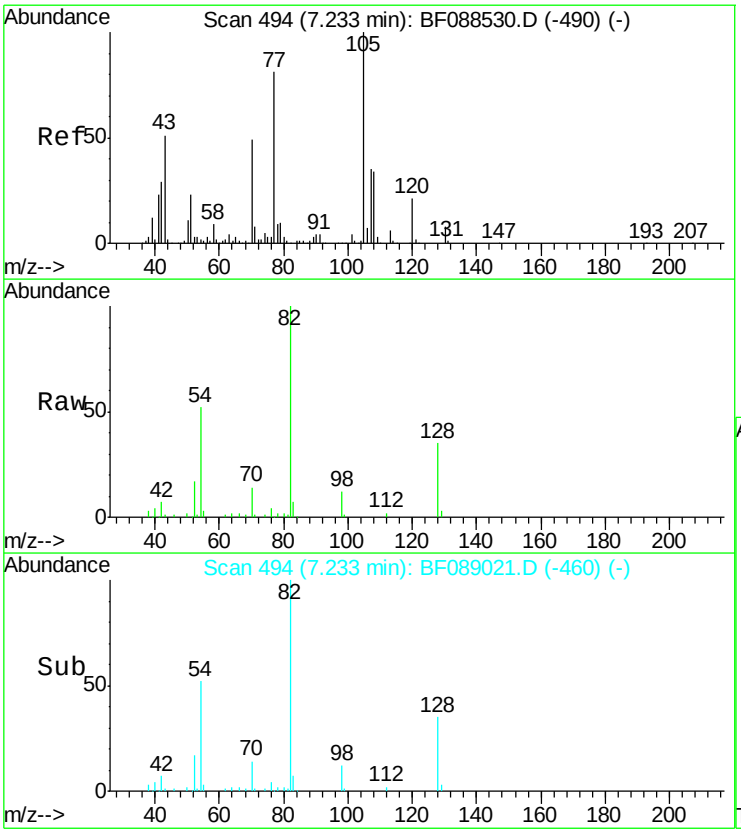
#7
Phenol-d6
Concen: 46.54 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion: 99 Resp: 241021

Ion	Ratio	Lower	Upper
99	100		
42	12.1	12.2	18.2#
71	31.5	23.4	35.0

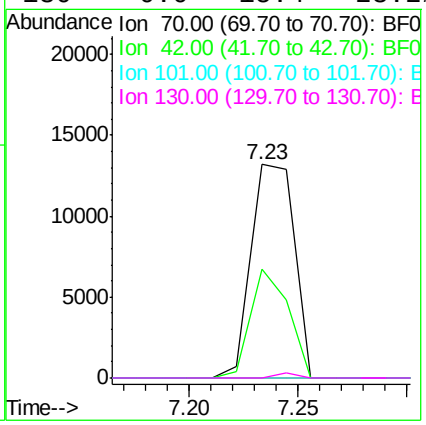


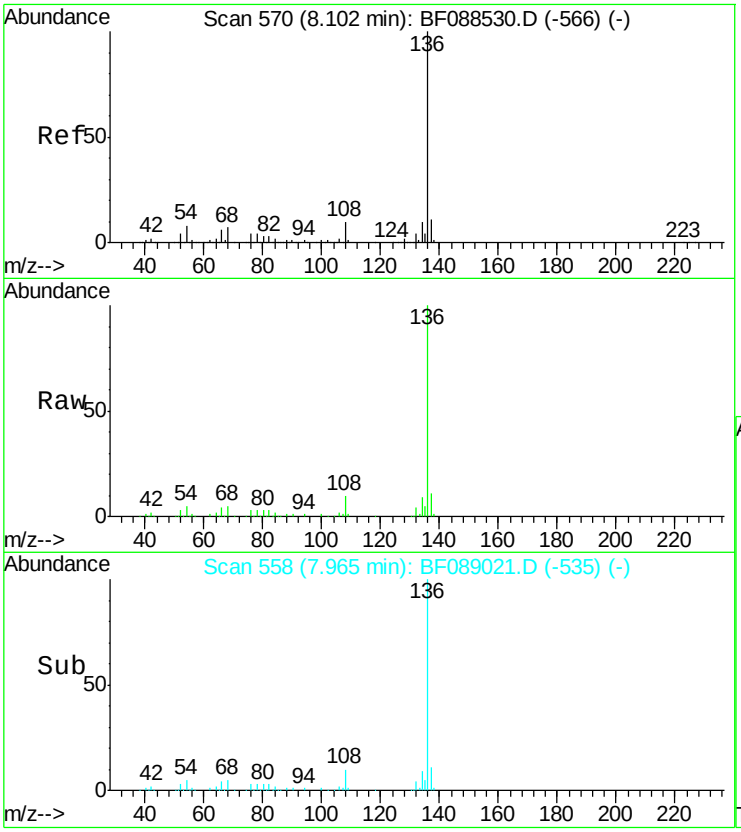


#19
n-Nitroso-di-n-propylamine
Concen: 5.29 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.09 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion: 70 Resp: 18391

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.6	74.4
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



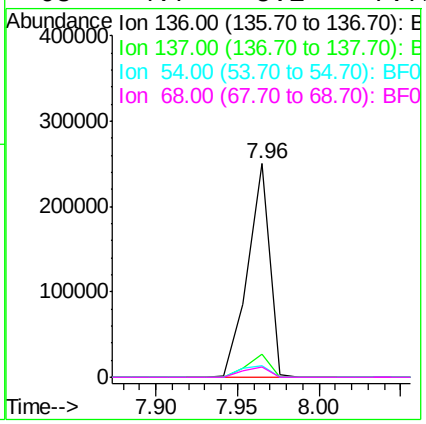


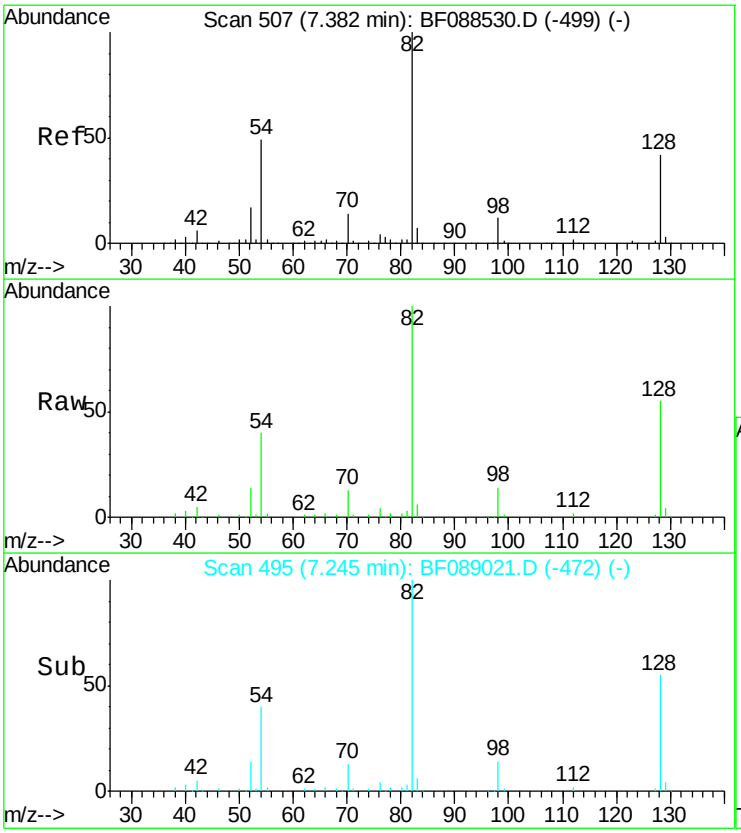
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:136 Resp: 233800

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.4	6.6	10.0#
68	4.7	5.1	7.7#

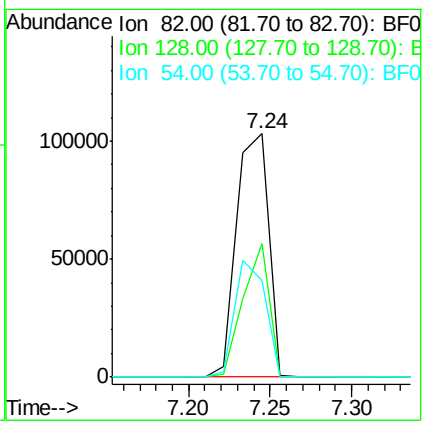


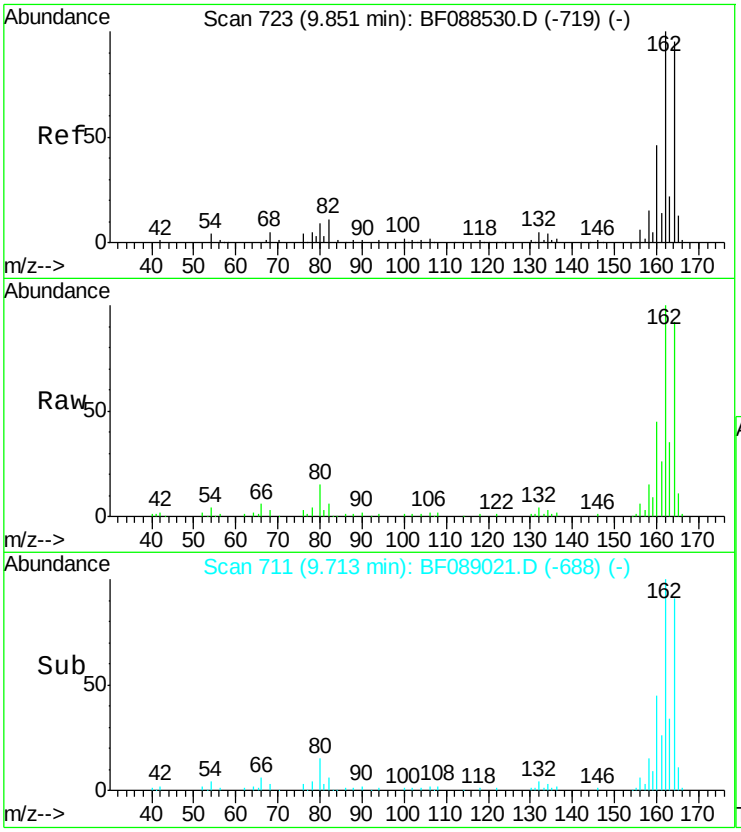


#23
Nitrobenzene-d5
Concen: 31.34 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion: 82 Resp: 139811

Ion	Ratio	Lower	Upper
82	100		
128	54.8	35.9	53.9#
54	39.6	40.9	61.3#



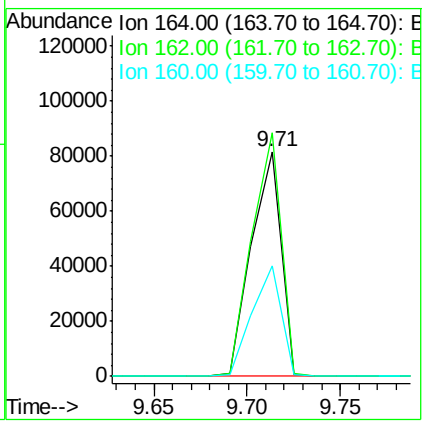


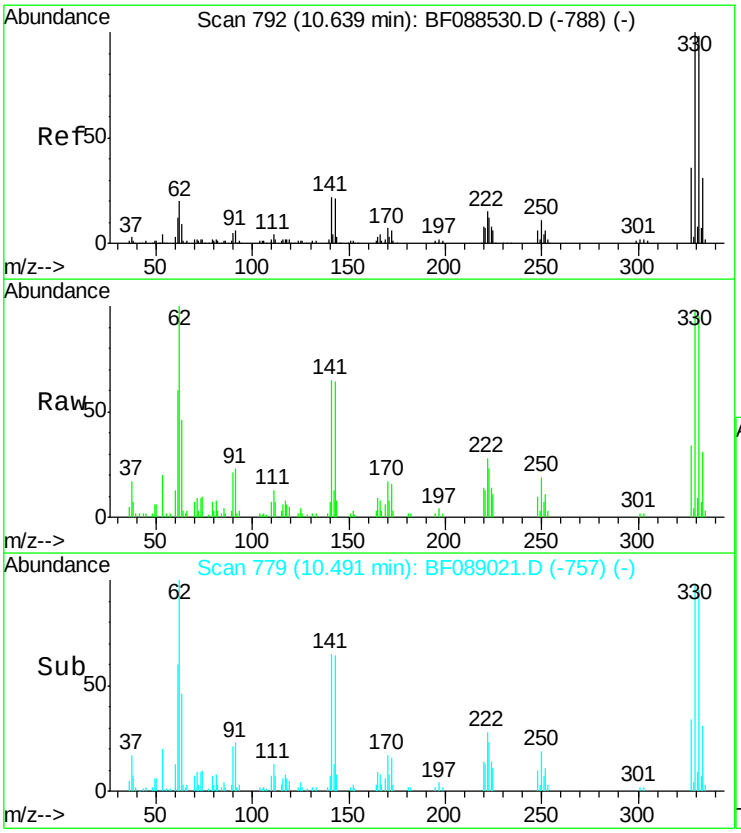
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:164 Resp: 89446

Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.4	128.2
160	48.9	39.5	59.3

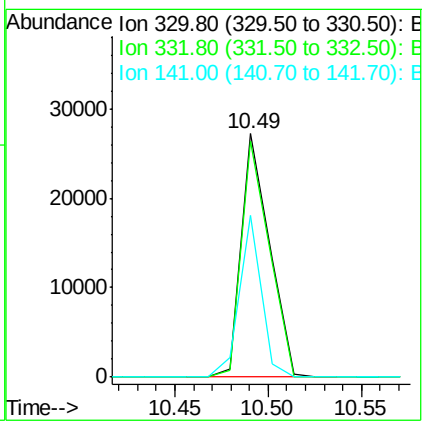


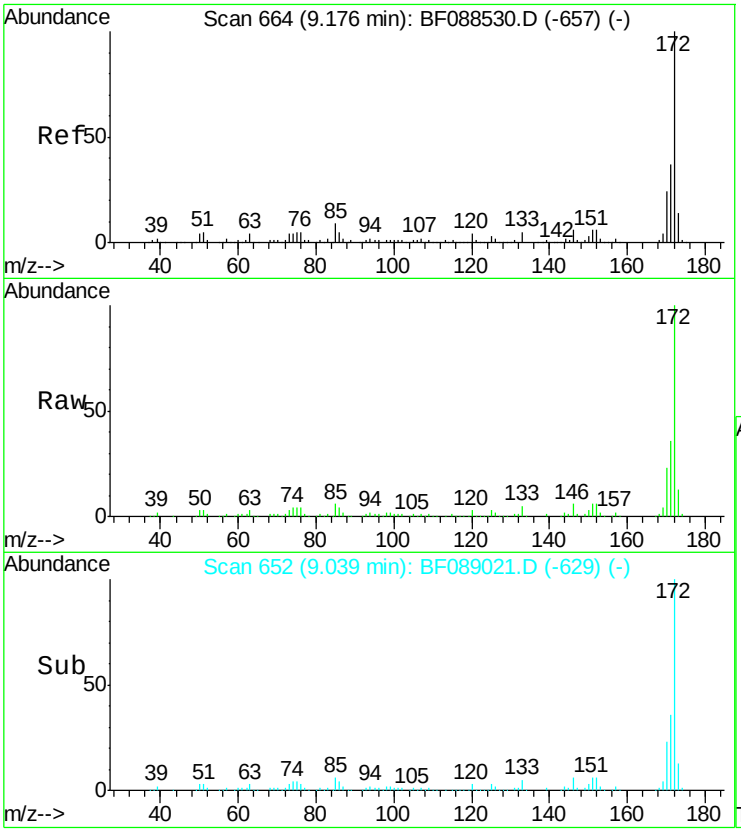


#41
2,4,6-Tribromophenol
Concen: 34.44 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:330 Resp: 28609

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	52.4	0.0	0.0#



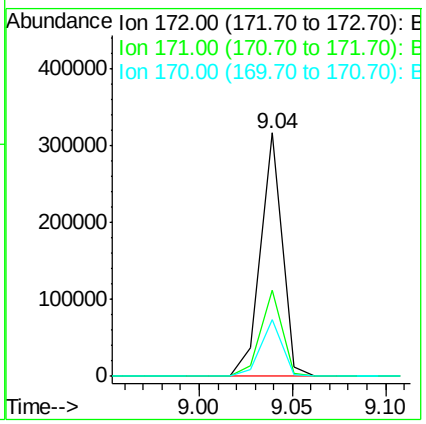


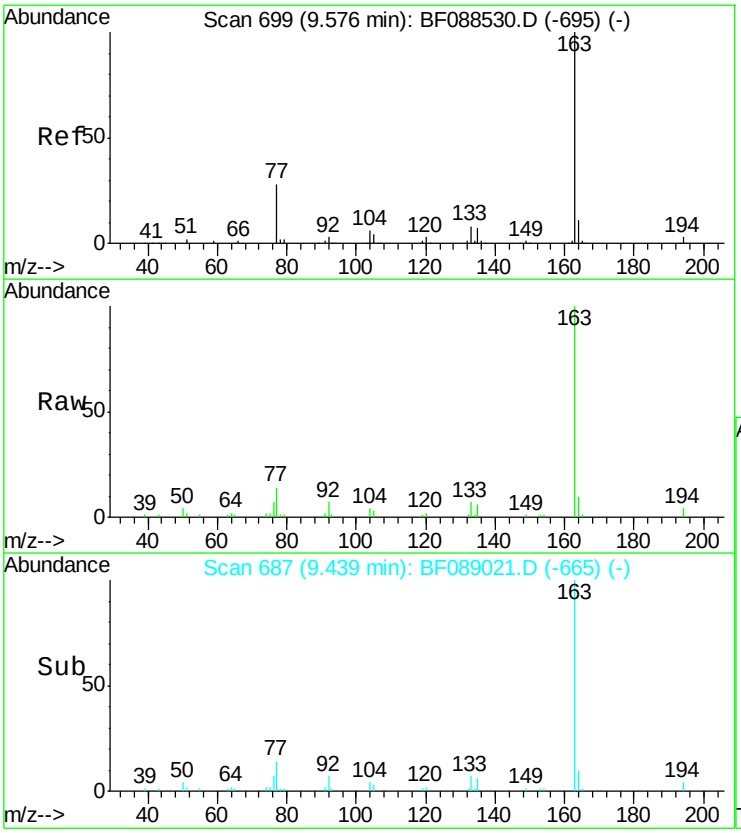
#44
2-Fluorobiphenyl
Concen: 44.28 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:172 Resp: 250722

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.2	19.2	28.8

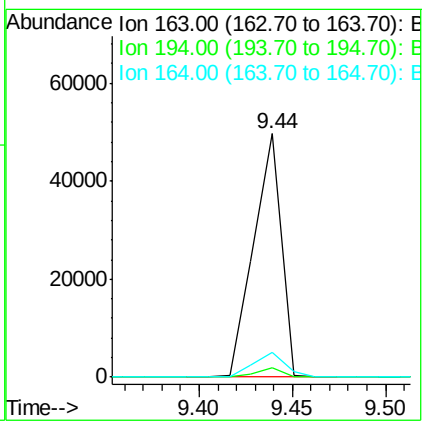


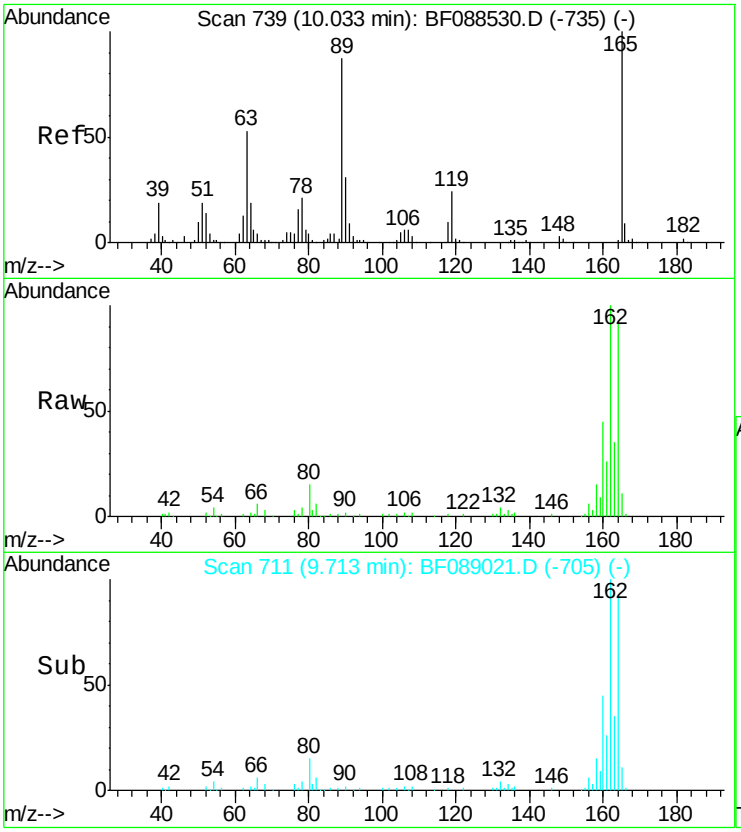


#49
Dimethylphthalate
Concen: 7.98 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:163 Resp: 50829

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	10.1	8.3	12.5



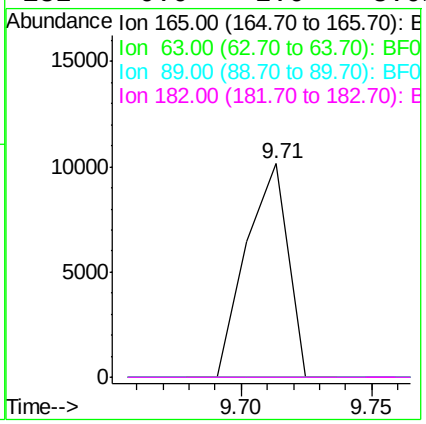


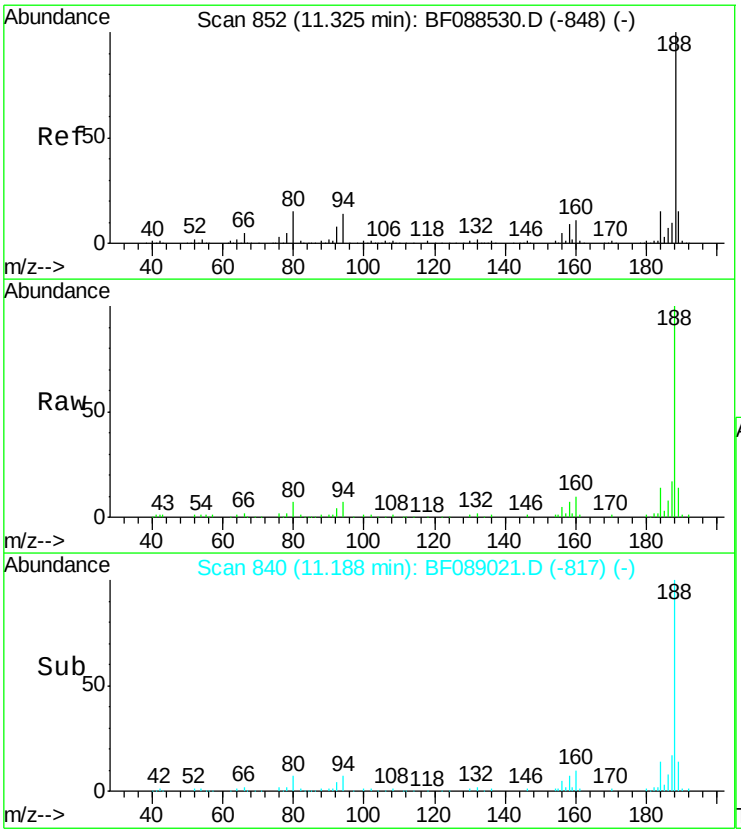
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.23 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:165 Resp: 11383

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

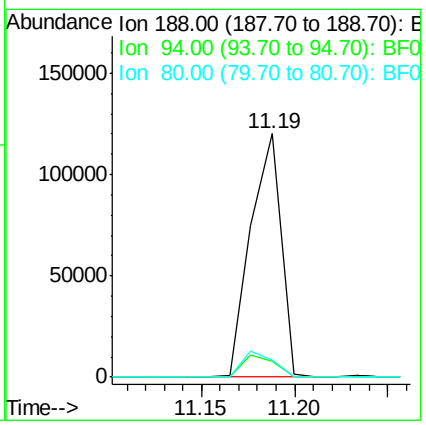


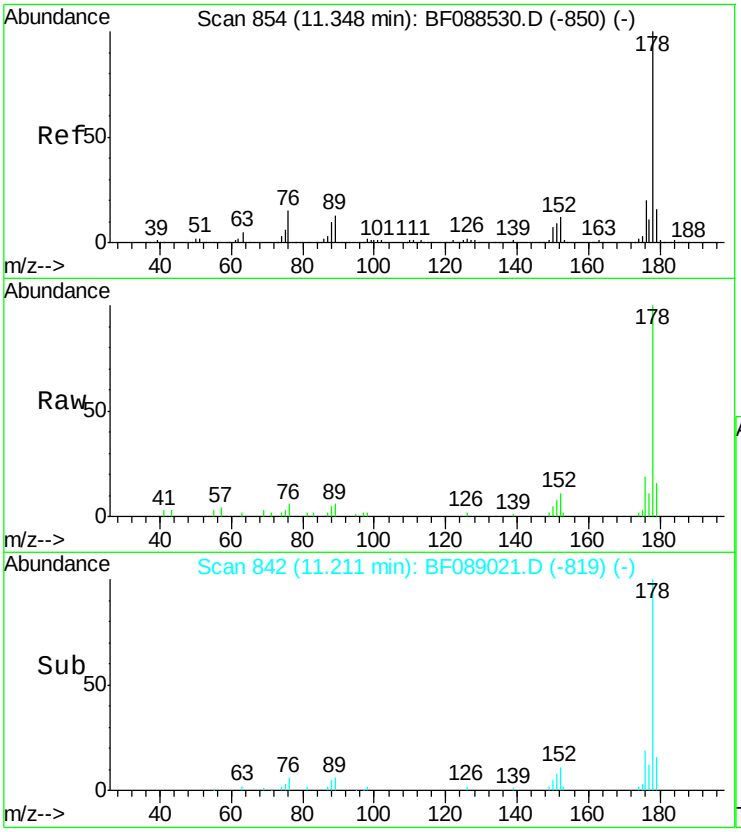


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:188 Resp: 135244

Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.6#
80	6.9	10.0	15.0#



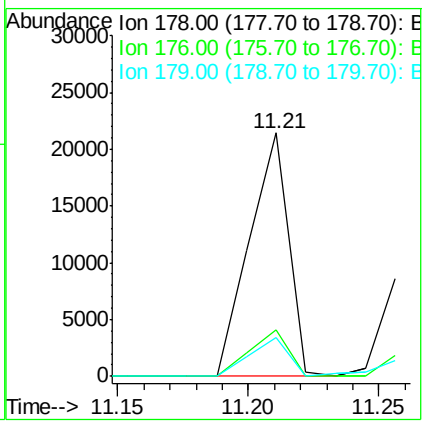


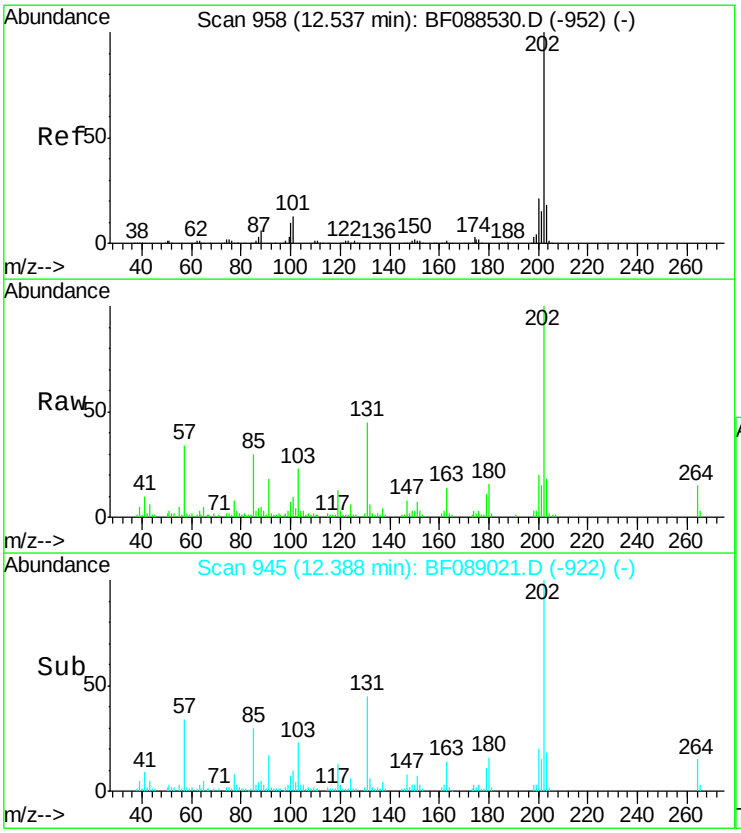
#70
Phenanthrene
Concen: 3.05 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:178 Resp: 22575

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.7	13.0	19.4

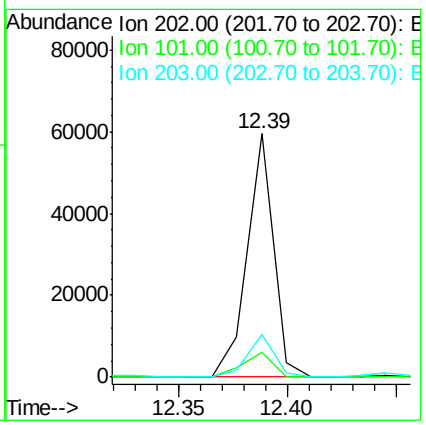


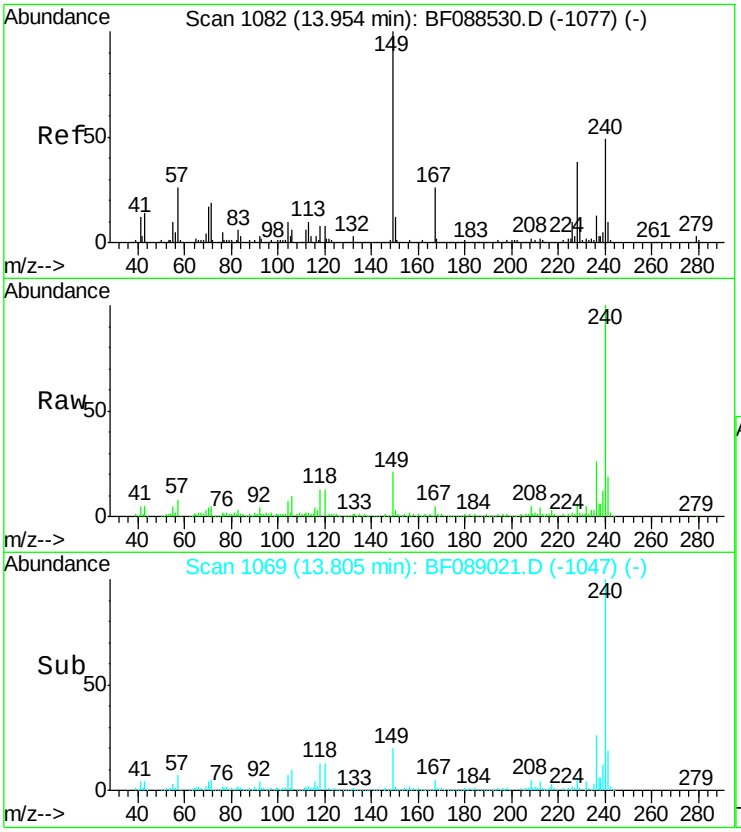


#74
Fluoranthene
Concen: 6.68 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:202 Resp: 50050

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.1
203	17.6	0.0	38.1



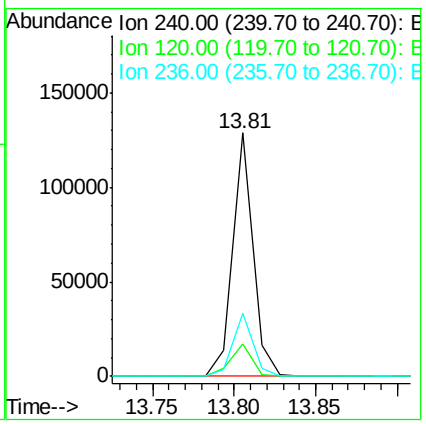


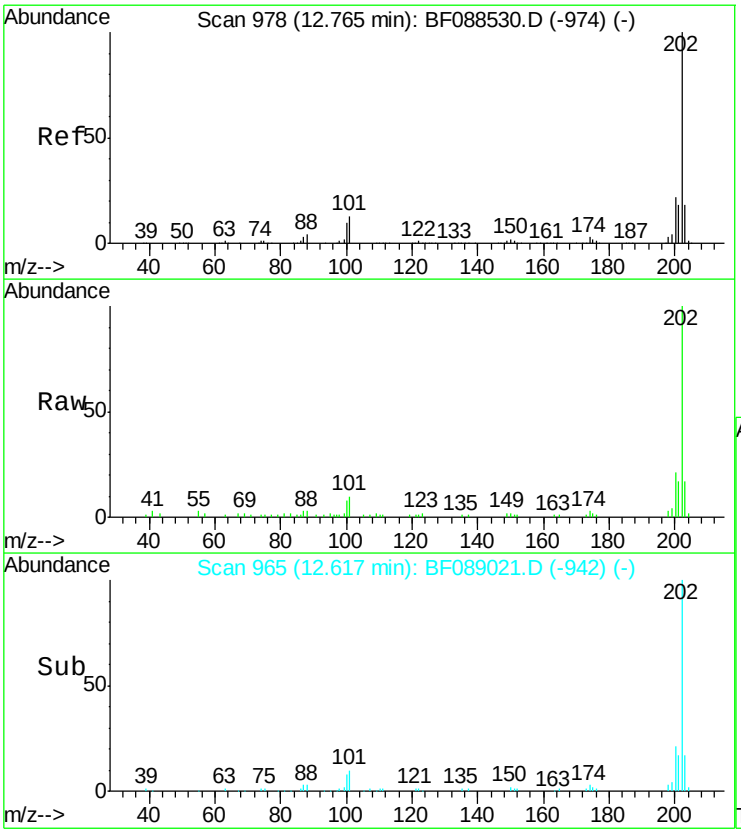
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:240 Resp: 109874

Ion	Ratio	Lower	Upper
240	100		
120	13.4	6.8	10.2#
236	25.9	20.2	30.2

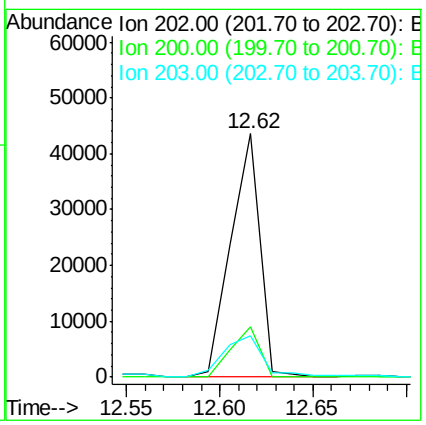


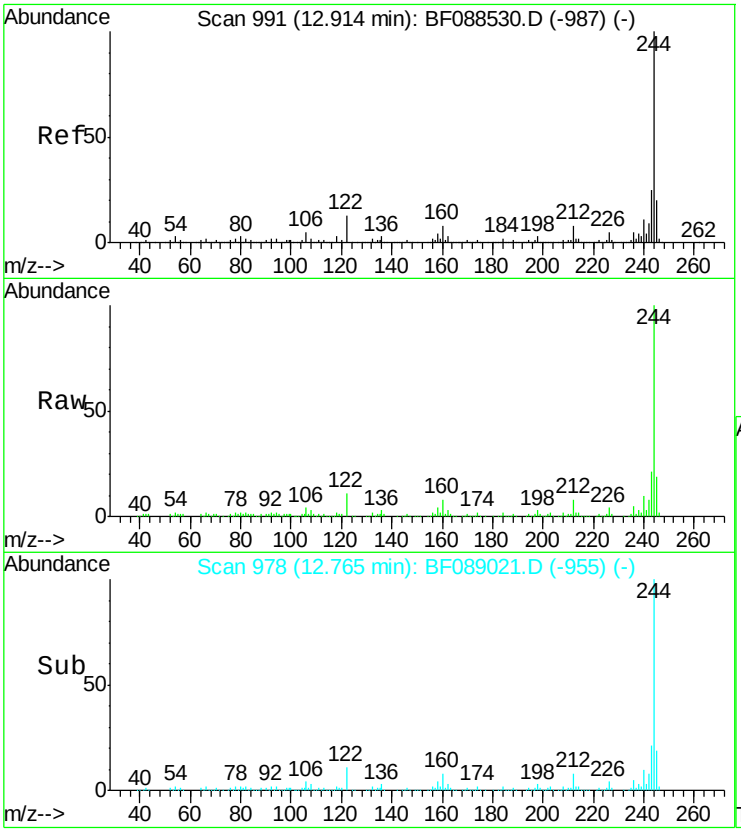


#77
Pyrene
Concen: 5.14 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:202 Resp: 47845

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.9	14.5	21.7



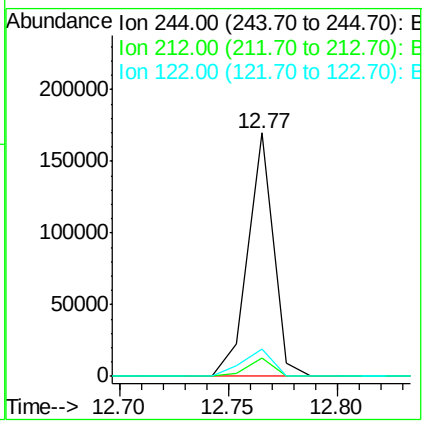


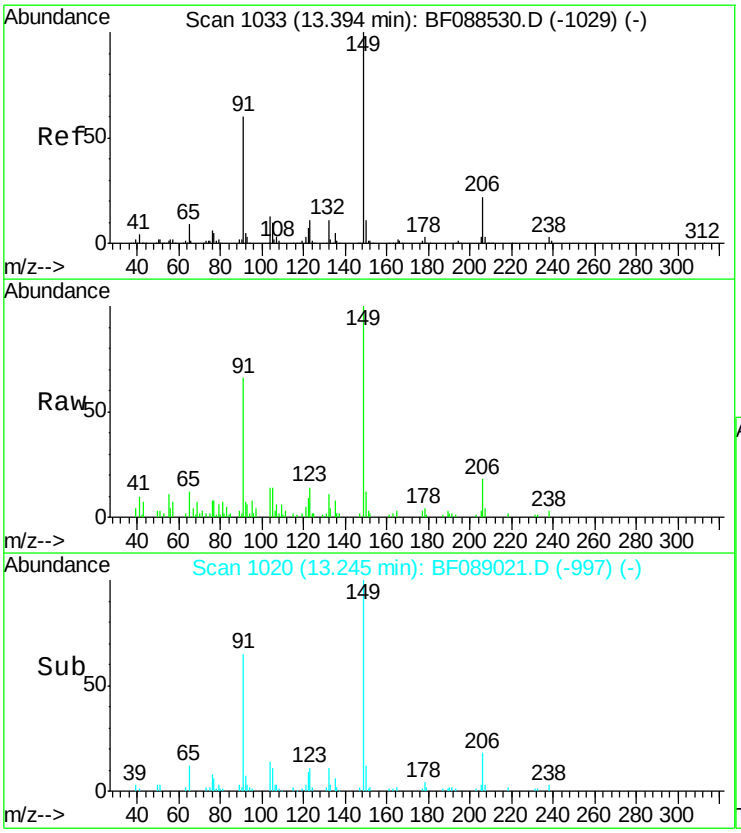
#78
Terphenyl-d14
Concen: 27.98 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:244 Resp: 138045

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.4	11.2	16.8

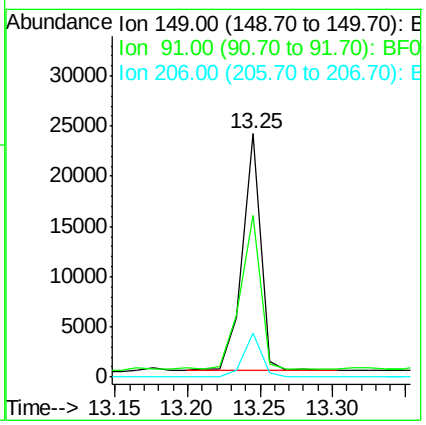


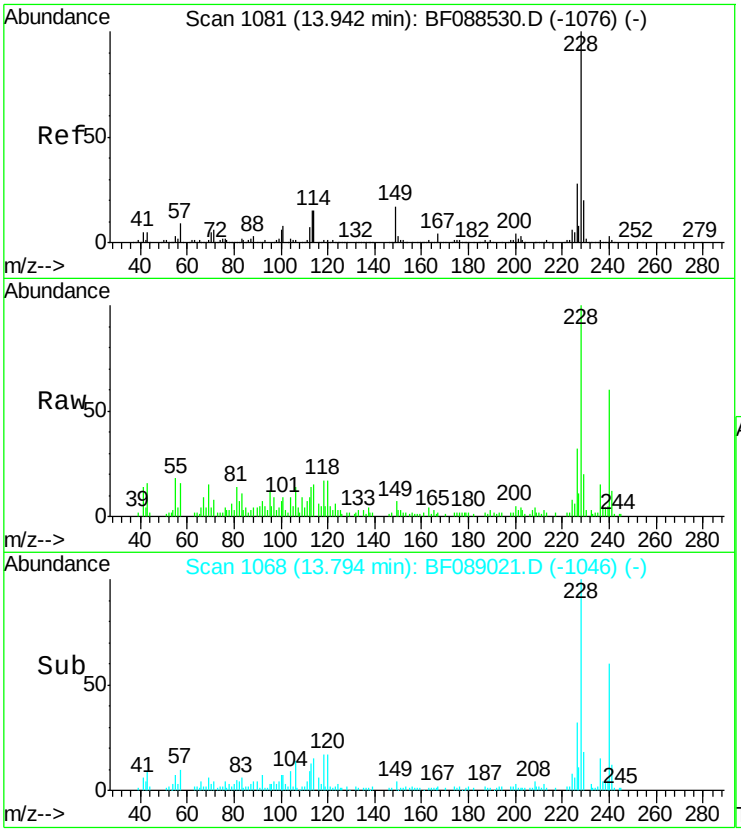


#79
Butylbenzylphthalate
Concen: 4.98 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:149 Resp: 20698

Ion	Ratio	Lower	Upper
149	100		
91	66.4	48.0	72.0
206	18.0	16.0	24.0



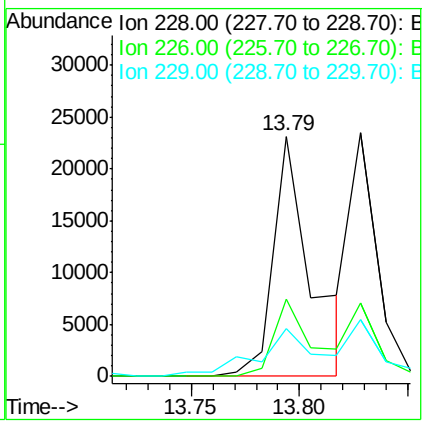


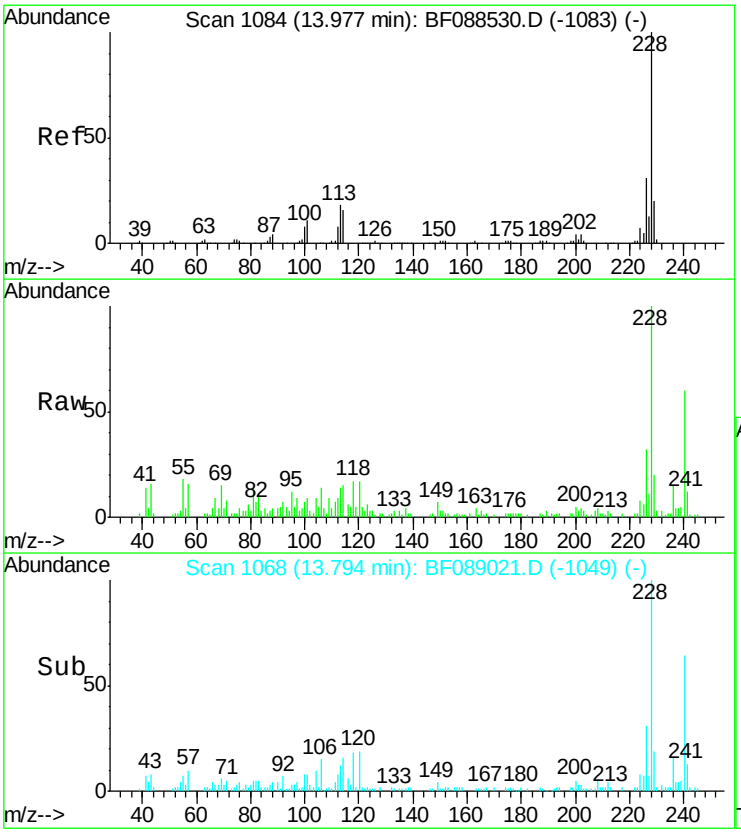
#80
Benzo(a)anthracene
Concen: 4.02 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.05 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:228 Resp: 28409

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.3	33.5
229	20.1	16.0	24.0

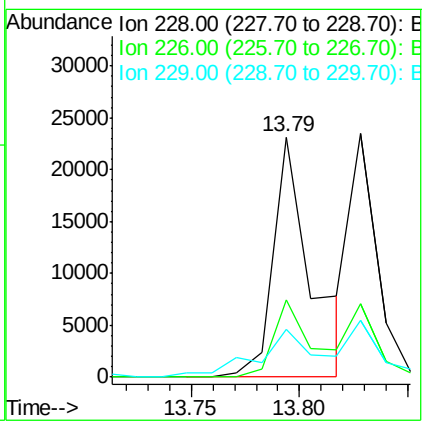


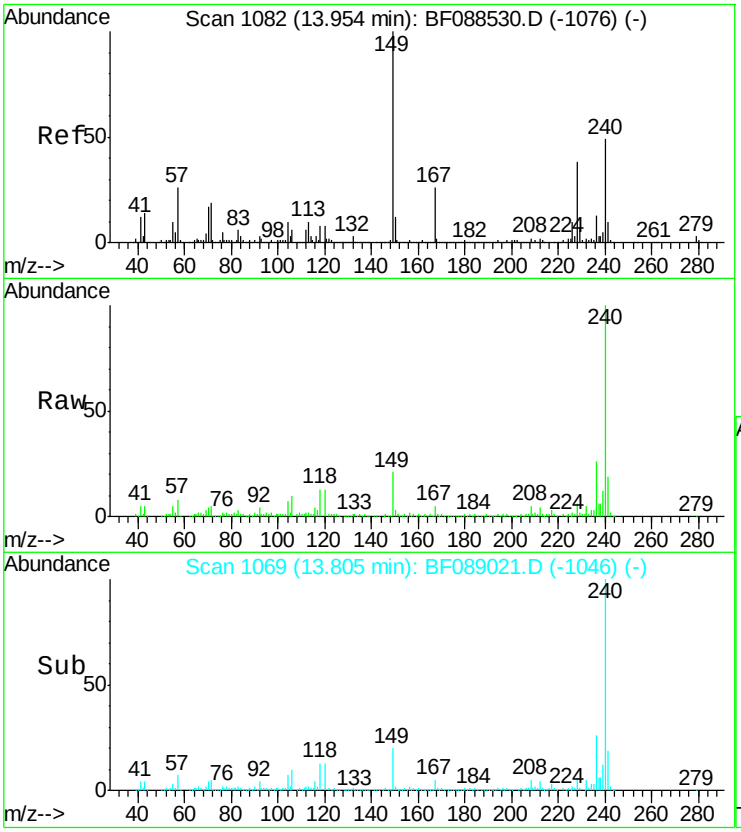


#82
Chrysene
Concen: 4.06 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.08 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:228 Resp: 28409

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.2
229	20.1	16.3	24.5



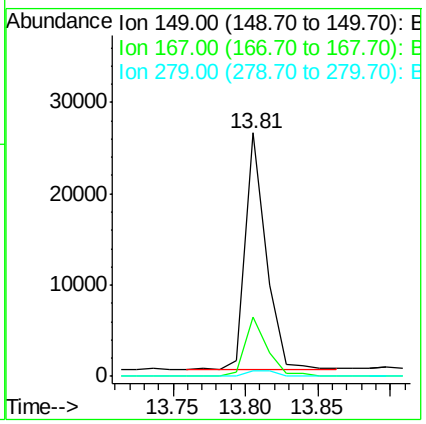


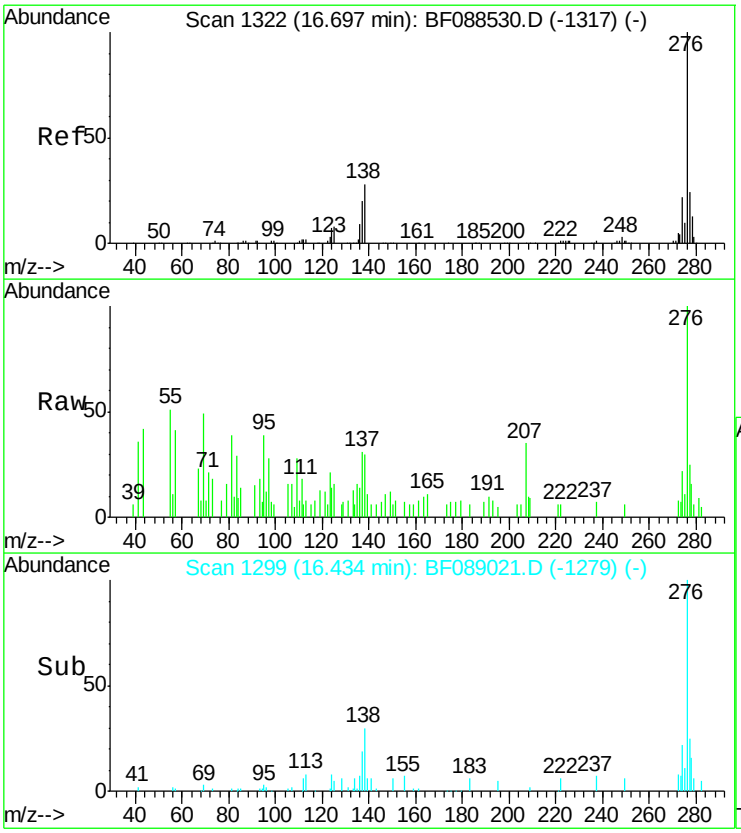
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.35 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:149 Resp: 25385

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.5	30.7
279	2.3	2.0	3.0

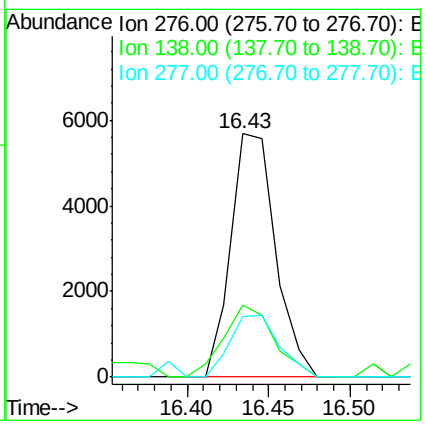


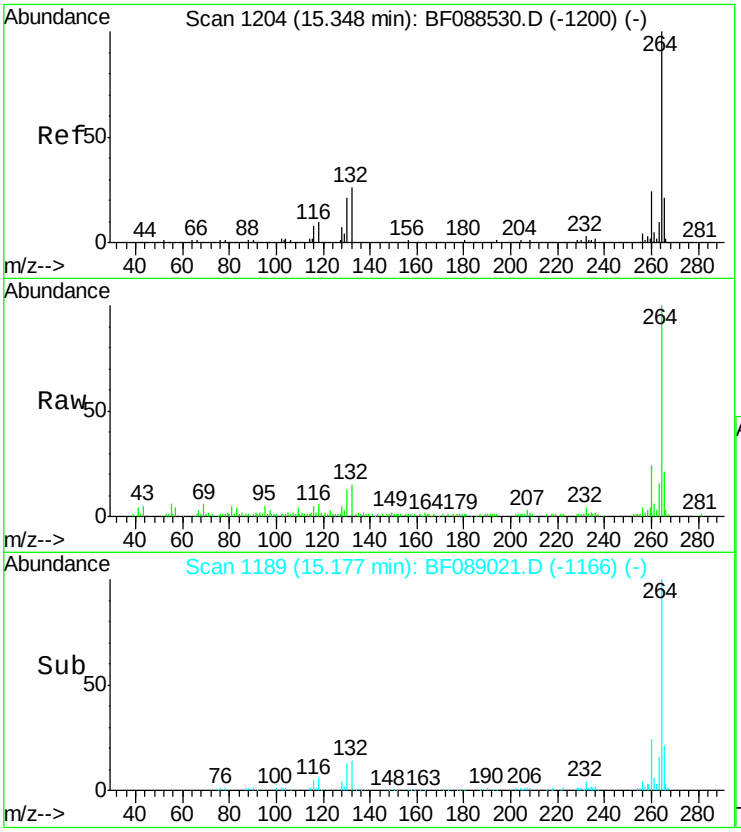


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.00 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.07 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:276 Resp: 10778

Ion	Ratio	Lower	Upper
276	100		
138	33.4	0.0	0.0#
277	28.2	0.0	0.0#



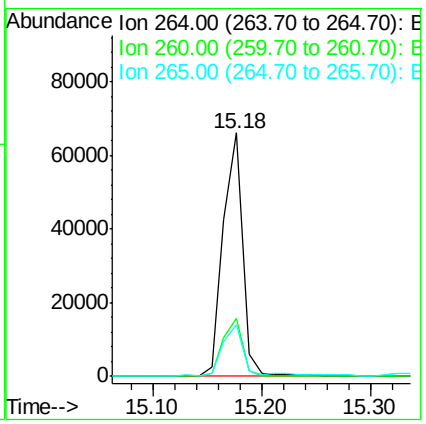


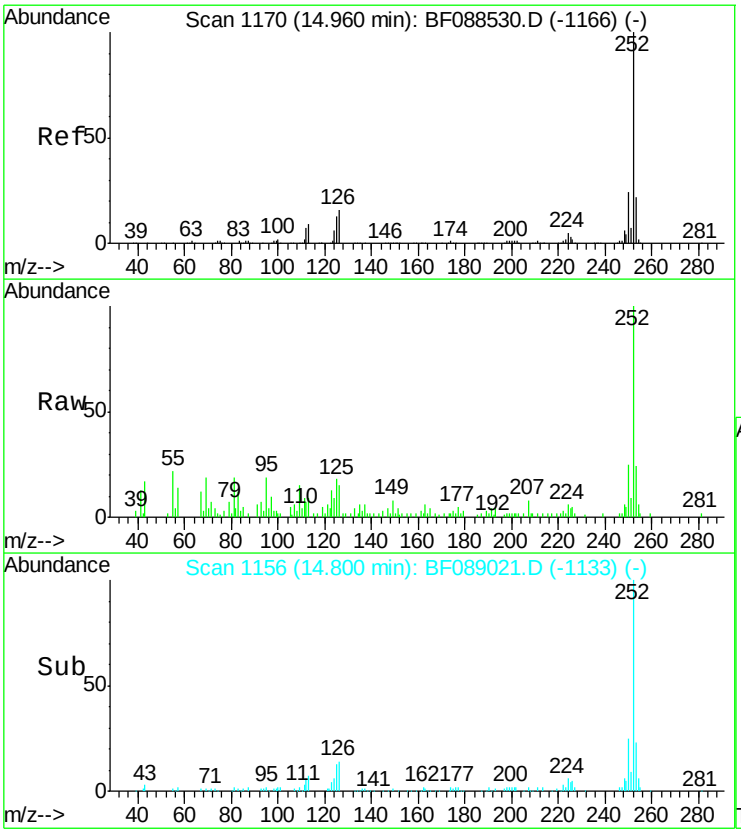
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:264 Resp: 82140

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	16.9	25.3

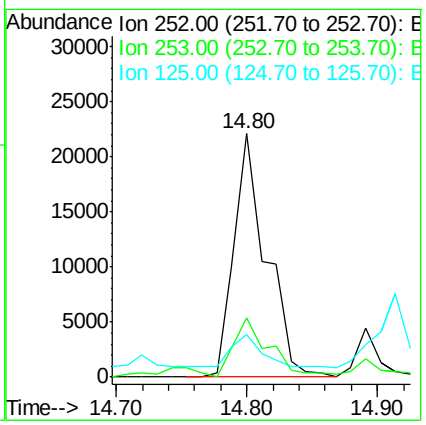


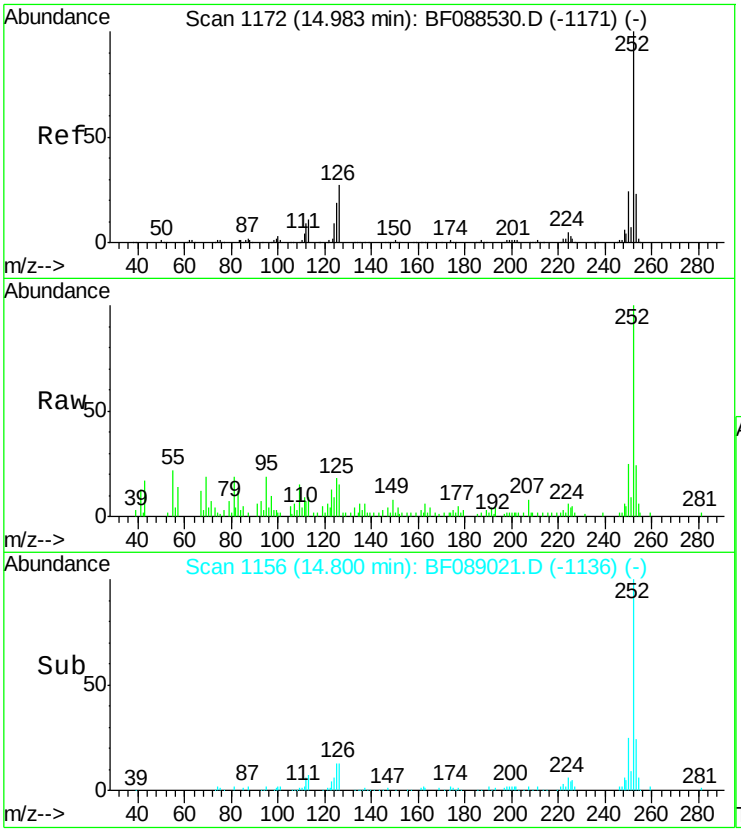


#87
Benzo(b)fluoranthene
Concen: 7.37 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:252 Resp: 37996

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	17.6	7.1	10.7#



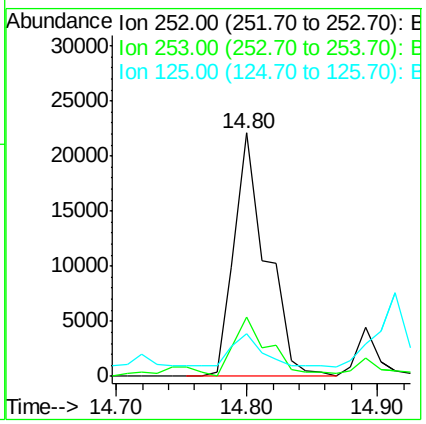


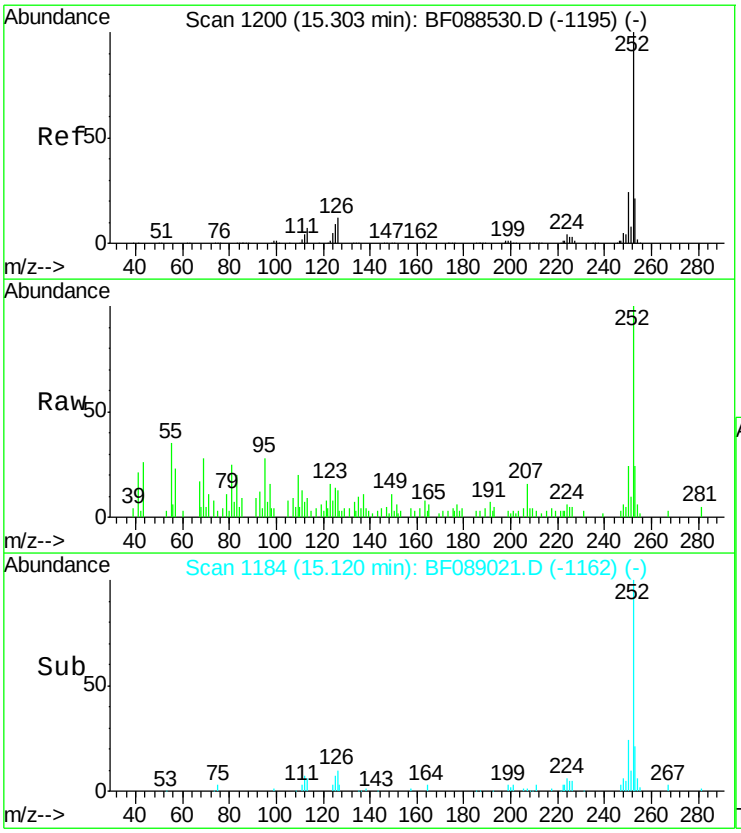
#88
Benzo(k)fluoranthene
Concen: 8.47 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.07 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:252 Resp: 37996

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	17.6	11.2	16.8#

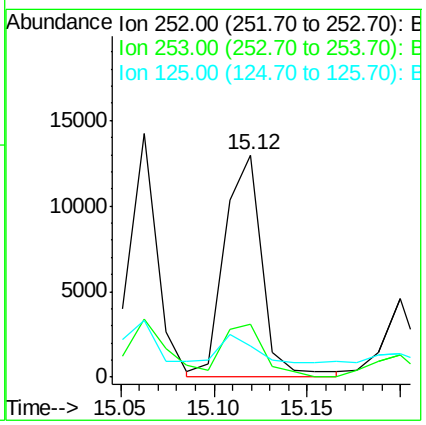


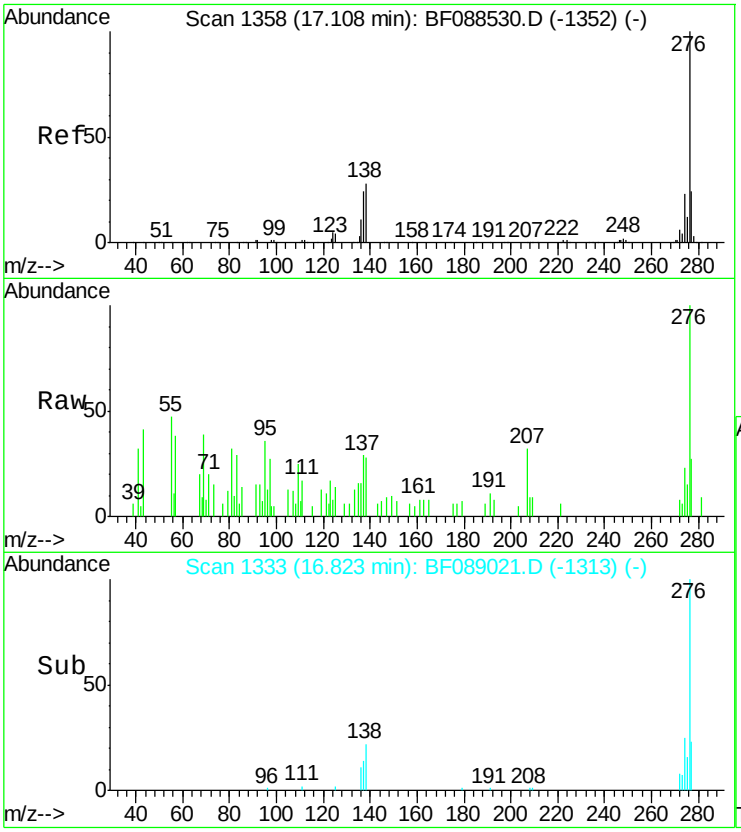


#89
Benzo(a)pyrene
Concen: 4.17 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Tgt Ion:252 Resp: 18185

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	14.2	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.86 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.07 min
Lab File: BF089021.D
Acq: 15 Jul 2016 17:26

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2in)

Tgt Ion:276 Resp: 10785

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.9	28.3
138	27.6	21.4	32.2