Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089019.D
Acq On : 15 Jul 2016 16:25
Operator : UM/SJ
Sample : H3972-02 4X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB08(0-2in)

Quant Time: Jul 15 22:58:15 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	58300	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	235857	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	88997	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	130677	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	110390	20.00	ng		-0.05
86) Perylene-d12	15.17	264	79593	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	101298	26.04	ng		-0.02
7) Phenol-d6	6.32	99	129891	25.84	ng		-0.03
23) Nitrobenzene-d5	7.23	82	72286	16.06	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	15370	18.60	ng		-0.05
44) 2-Fluorobiphenyl	9.04	172	131234	23.29	ng		-0.03
78) Terphenyl-d14	12.77	244	64374	12.99	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	9827	2.91	ng	#	79
49) Dimethylphthalate	9.44	163	26490	4.18	ng		98
50) 2,6-Dinitrotoluene	9.71	165	11711	8.33	ng	#	37
56) 2,4-Dinitrotoluene	9.71	165	11711	6.37	ng	#	36
70) Phenanthrene	11.21	178	40175	5.62	ng		97
71) Anthracene	11.26	178	15515	2.18	ng		97
74) Fluoranthene	12.39	202	88758	12.26	ng		96
77) Pyrene	12.62	202	78019	8.34	ng		98
80) Benzo(a)anthracene	13.79	228	45322	6.38	ng		94
82) Chrysene	13.83	228	31116	4.42	ng		98
85) Indeno(1,2,3-cd)pyrene	16.43	276	13972	2.58	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	50115	10.04	ng	#	96
88) Benzo(k)fluoranthene	14.80	252	50115	11.53	ng		99
89) Benzo(a)pyrene	15.11	252	25930	6.13	ng		97
91) Benzo(g,h,i)perylene	16.81	276	12897	3.53	ng		95

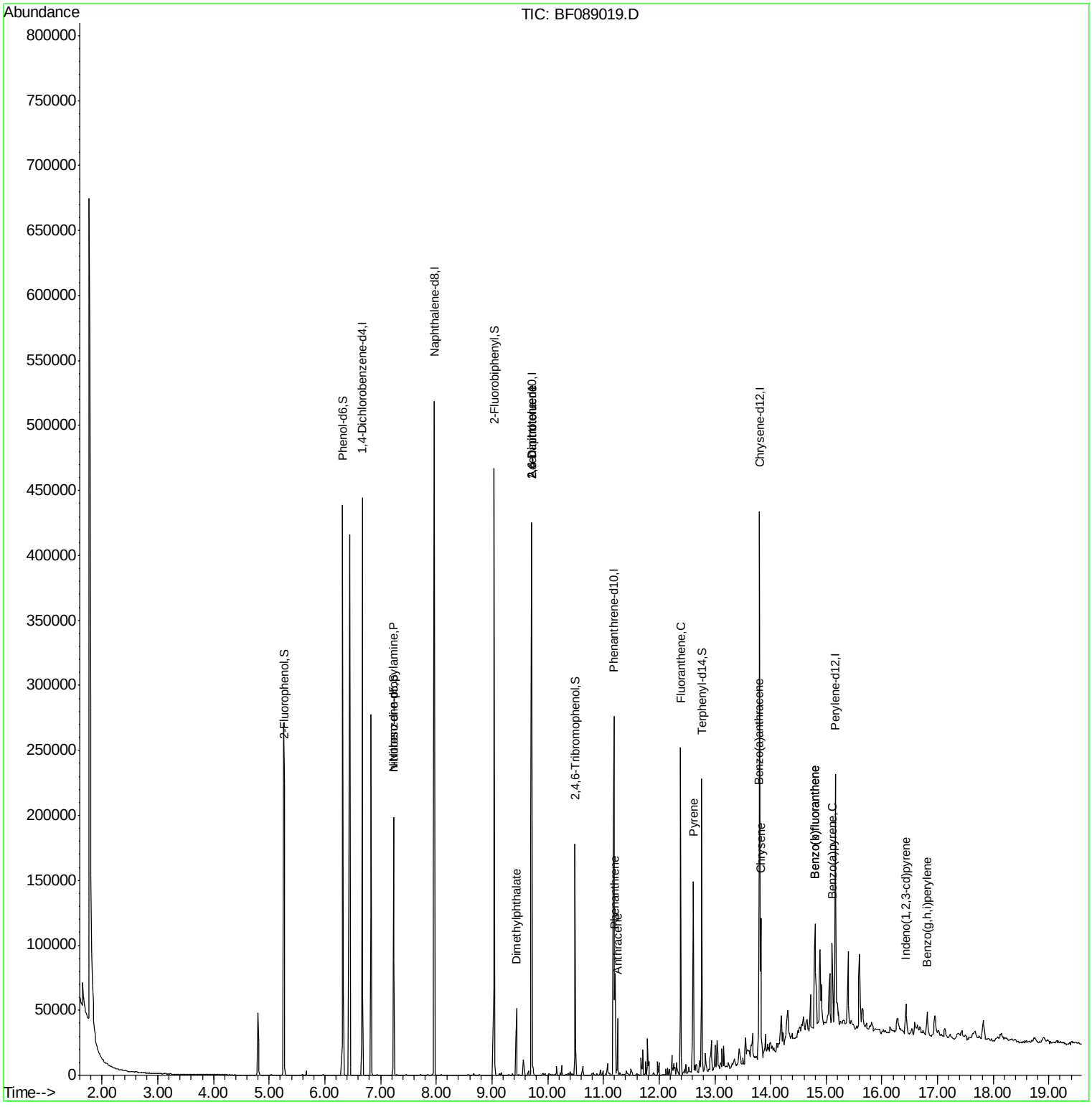
(#) = qualifier out of range (m) = manual integration (+) = signals summed

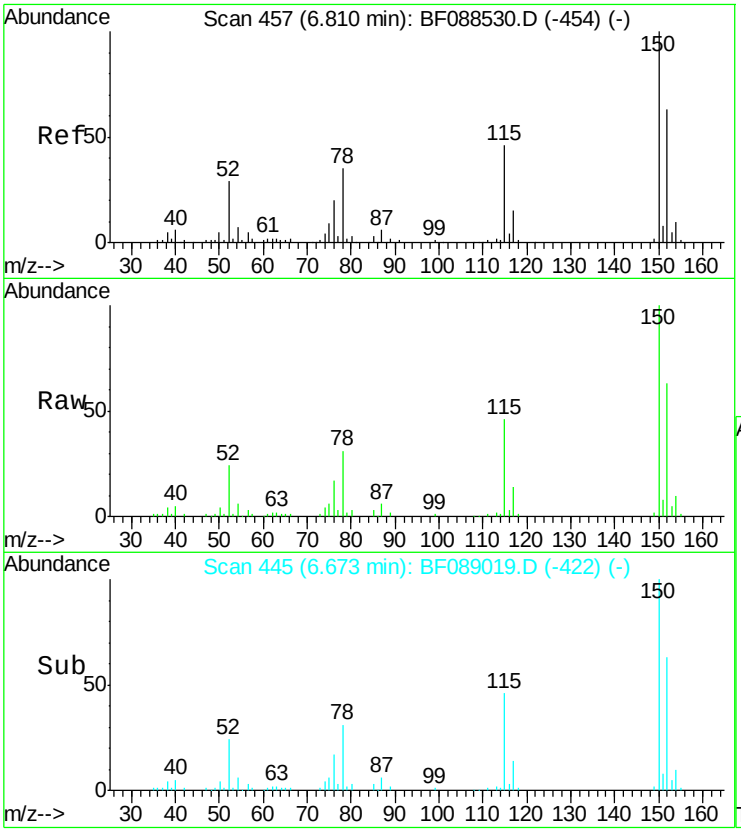
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089019.D
Acq On : 15 Jul 2016 16:25
Operator : UM/SJ
Sample : H3972-02 4X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Quant Time: Jul 15 22:58:15 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



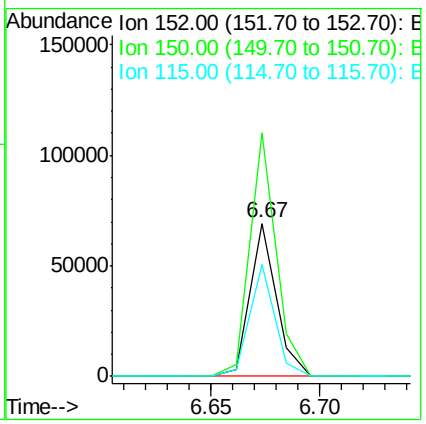


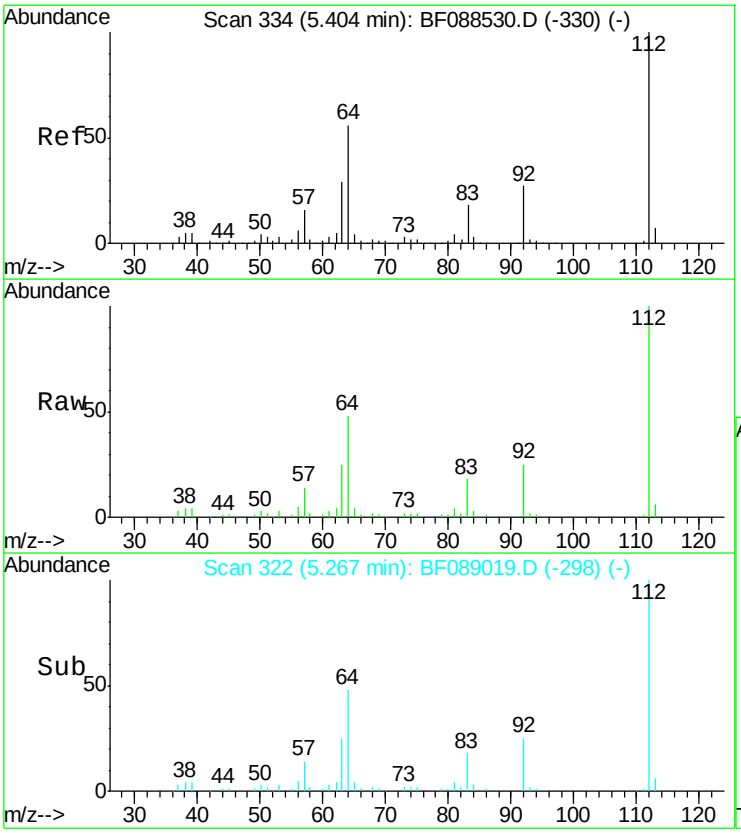
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:152 Resp: 58300

Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.8	185.6
115	73.3	39.6	59.4#

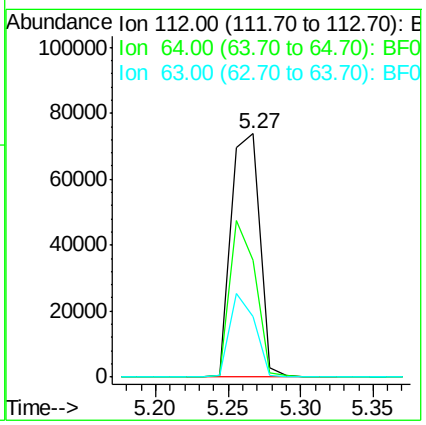


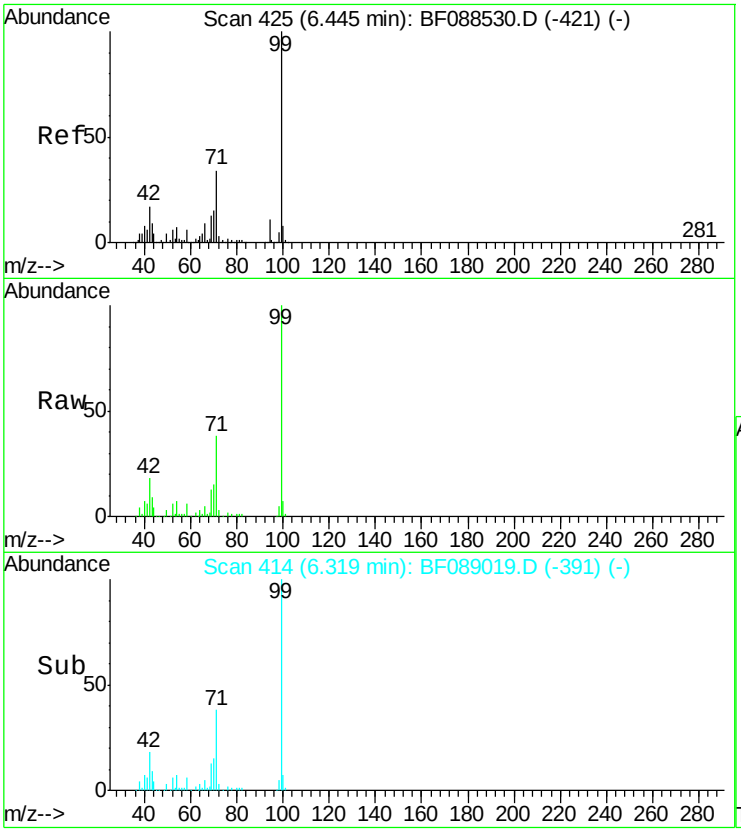


#5
2-Fluorophenol
Concen: 26.04 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:112 Resp: 101298

Ion	Ratio	Lower	Upper
112	100		
64	47.8	42.2	63.2
63	25.1	21.8	32.8



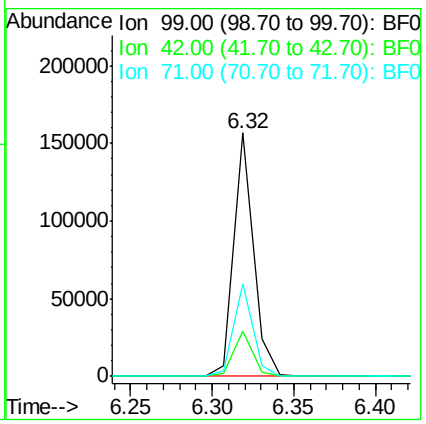


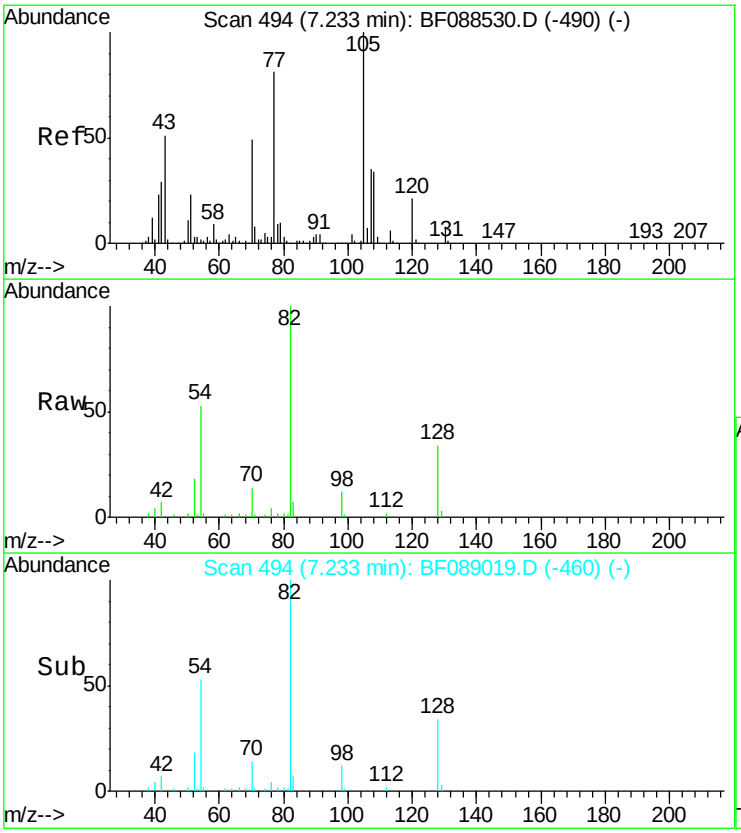
#7
Phenol-d6
Concen: 25.84 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion: 99 Resp: 129891

Ion	Ratio	Lower	Upper
99	100		
42	18.3	12.2	18.2#
71	38.3	23.4	35.0#

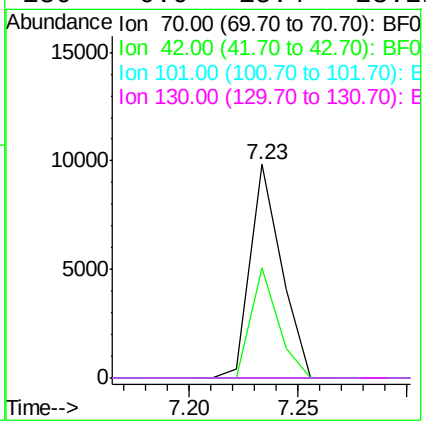


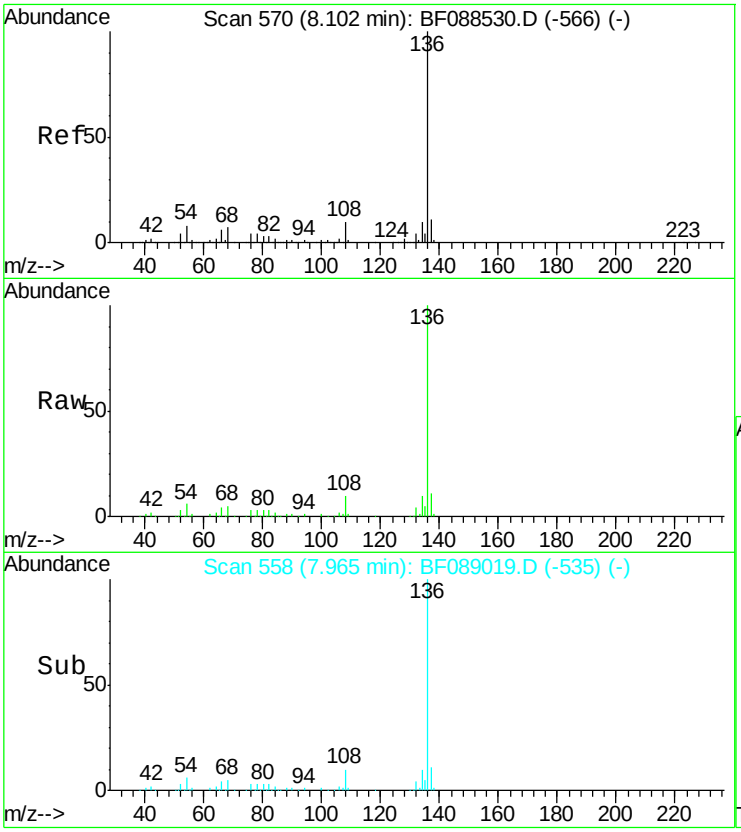


#19
n-Nitroso-di-n-propylamine
Concen: 2.91 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.09 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion: 70 Resp: 9827

Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.6	74.4
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



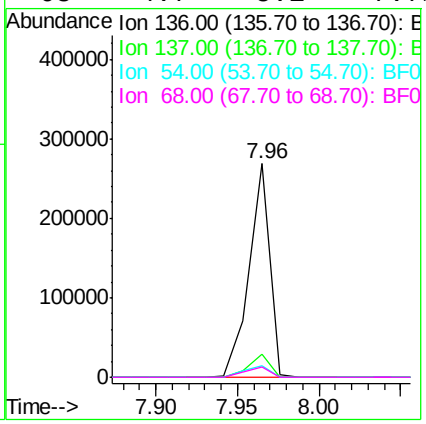


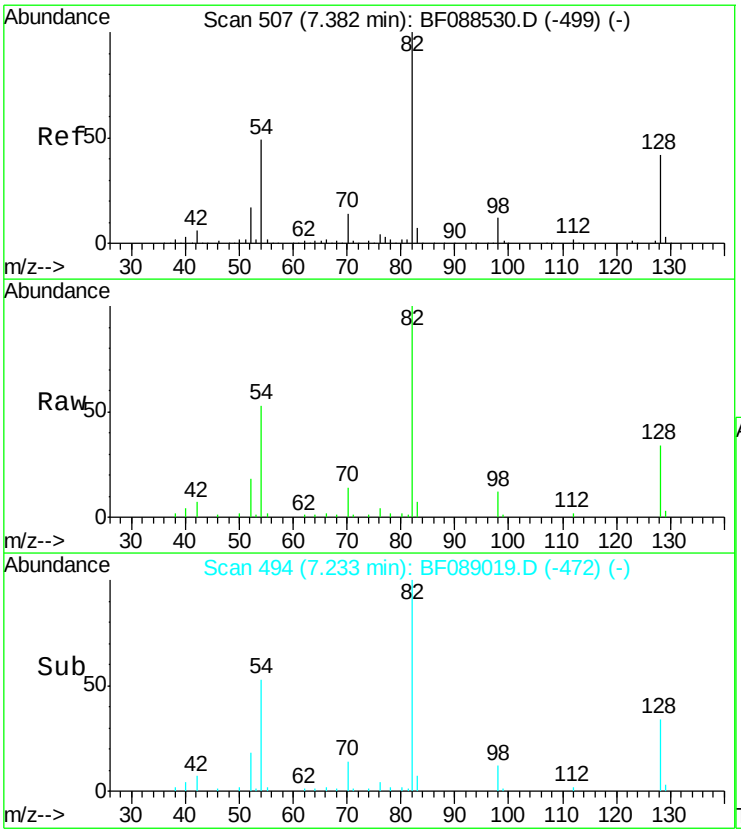
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:136 Resp: 235857

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#

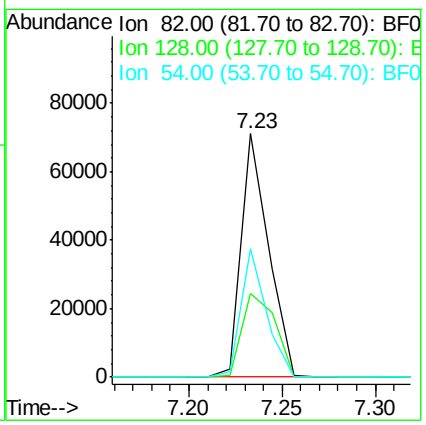


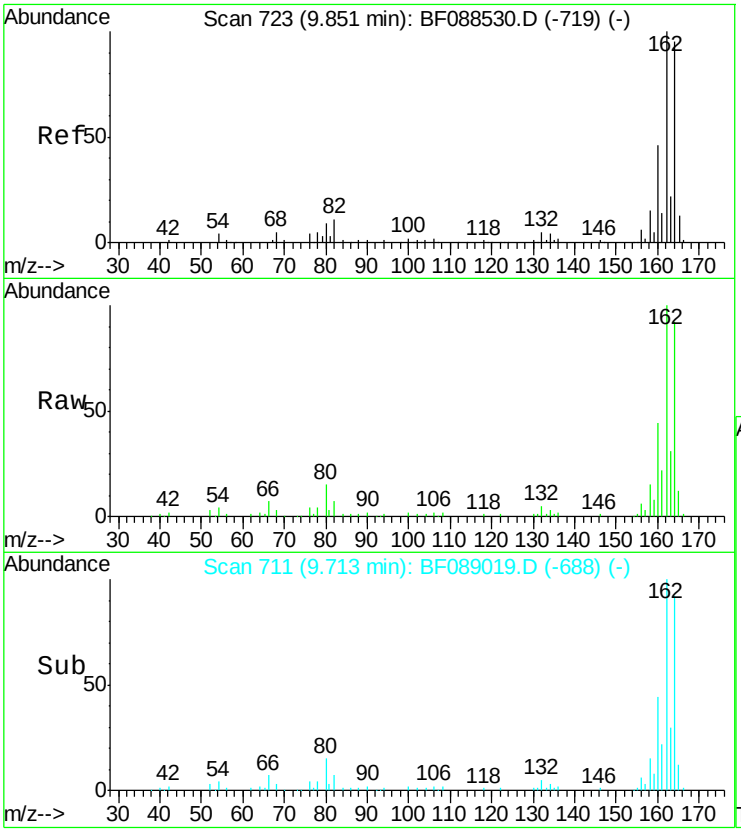


#23
Nitrobenzene-d5
Concen: 16.06 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion: 82 Resp: 72286

Ion	Ratio	Lower	Upper
82	100		
128	34.4	35.9	53.9#
54	52.7	40.9	61.3



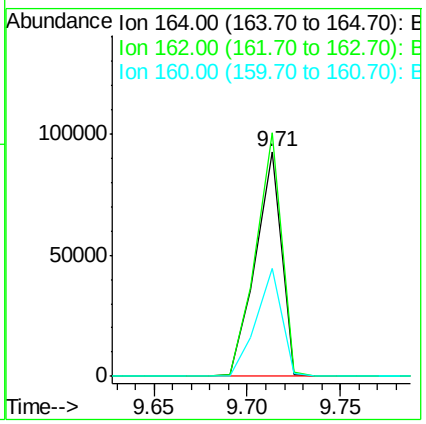


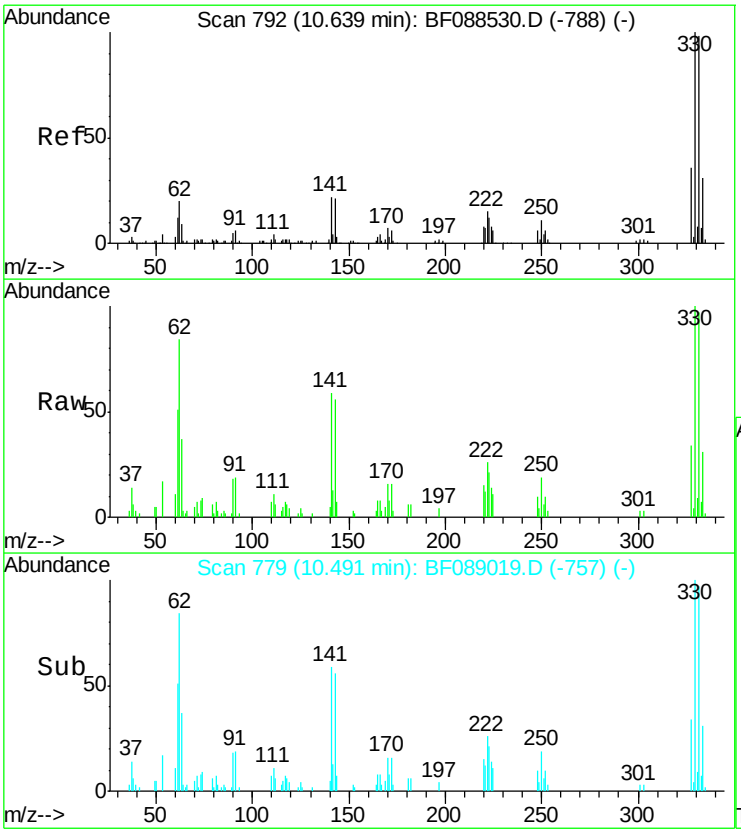
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:164 Resp: 88997

Ion	Ratio	Lower	Upper
164	100		
162	108.4	85.4	128.2
160	48.2	39.5	59.3

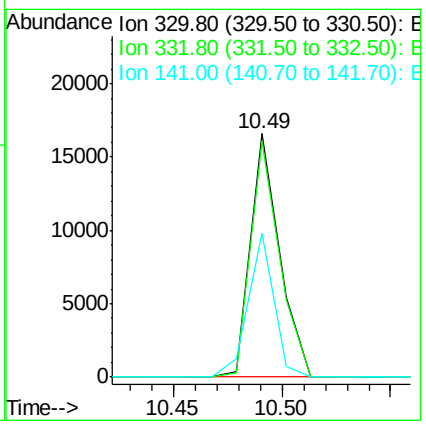


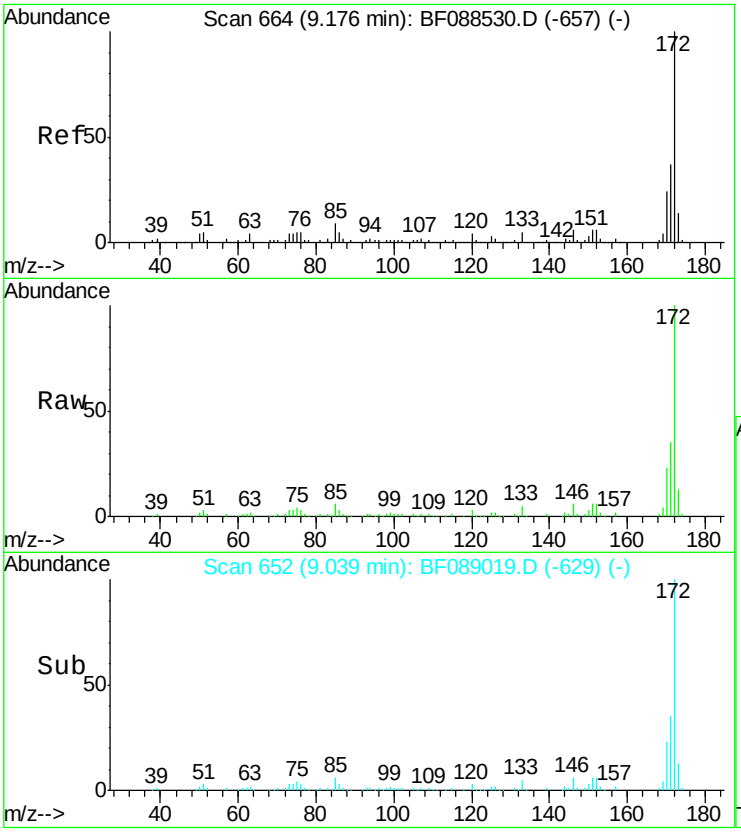


#41
2,4,6-Tribromophenol
Concen: 18.60 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:330 Resp: 15370

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	52.1	0.0	0.0#



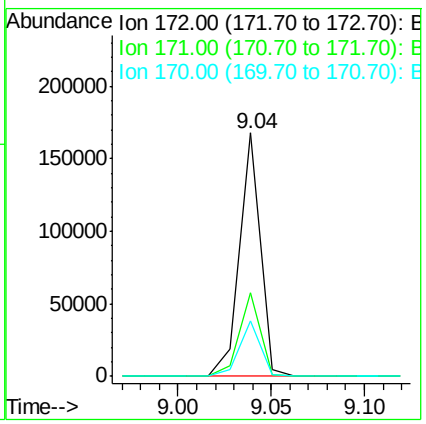


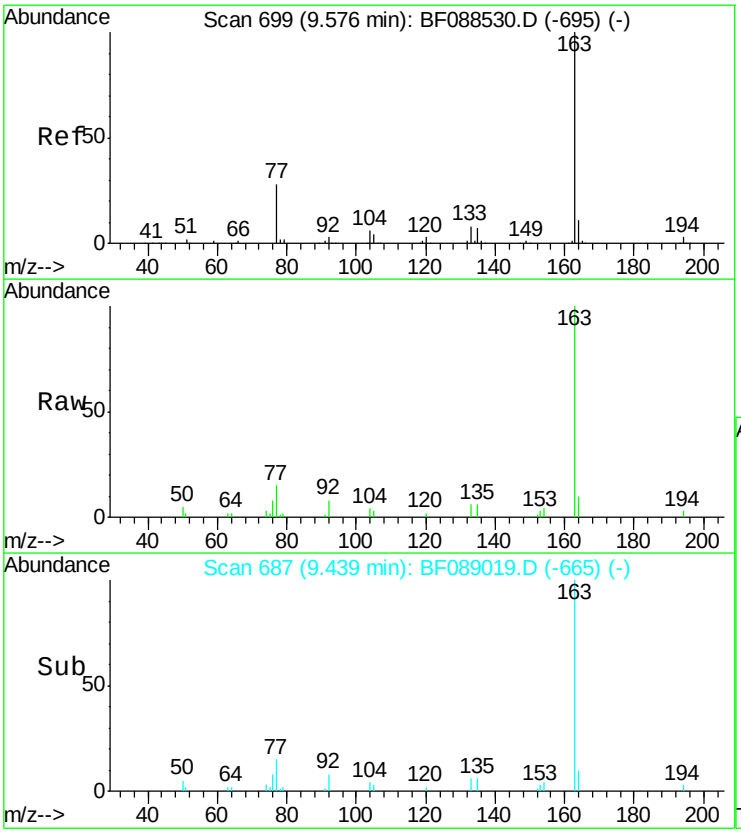
#44
2-Fluorobiphenyl
Concen: 23.29 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:172 Resp: 131234

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	22.9	19.2	28.8

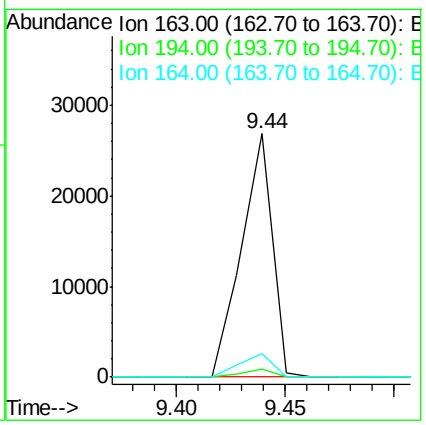


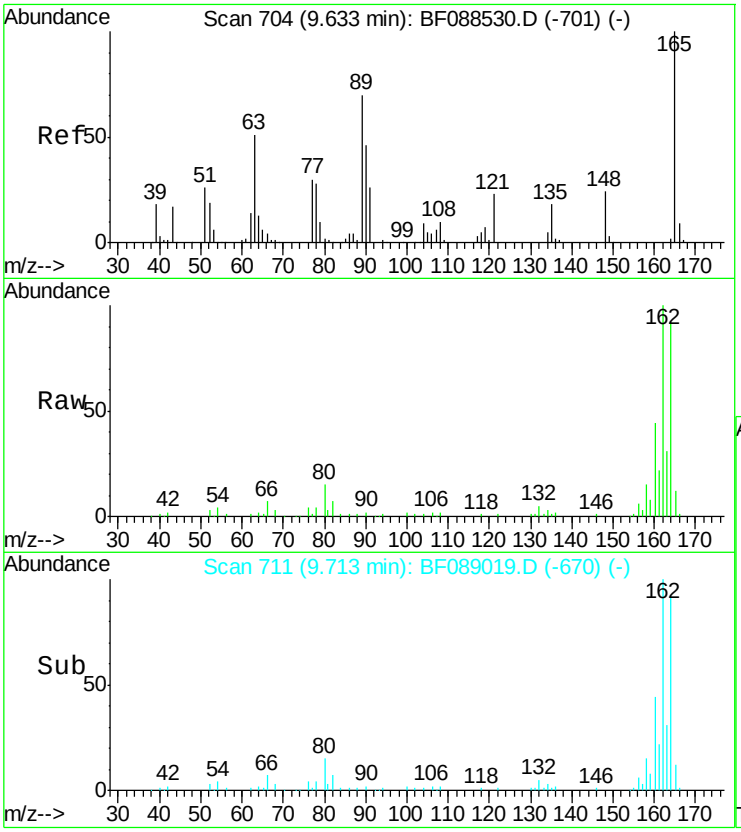


#49
Dimethylphthalate
Concen: 4.18 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:163 Resp: 26490

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.5	8.3	12.5



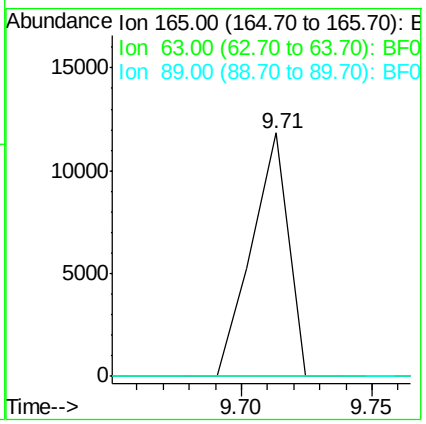


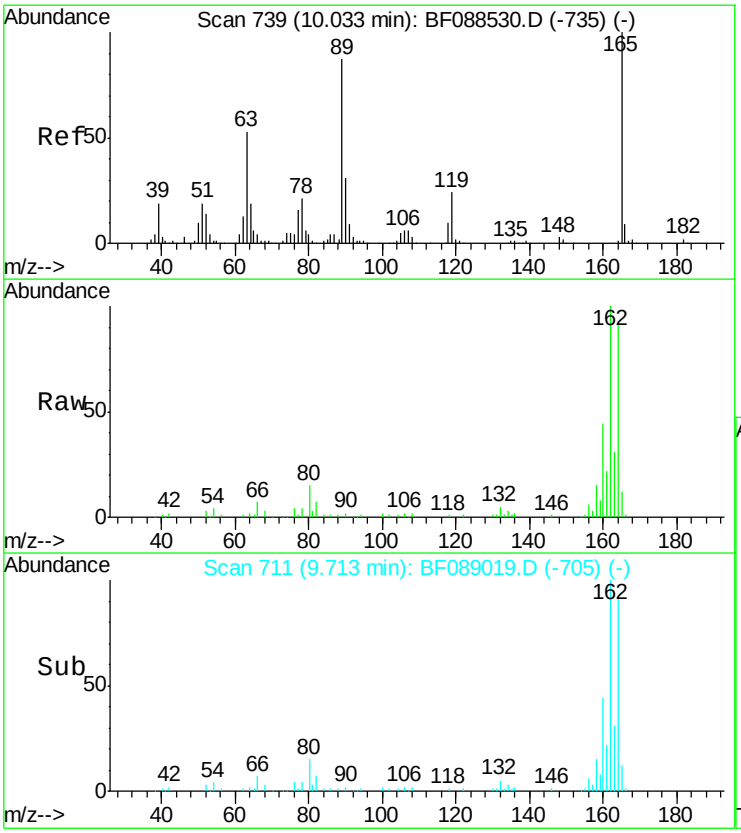
#50
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.17 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:165 Resp: 11711

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

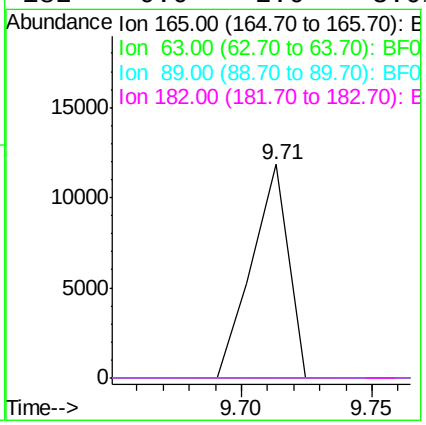


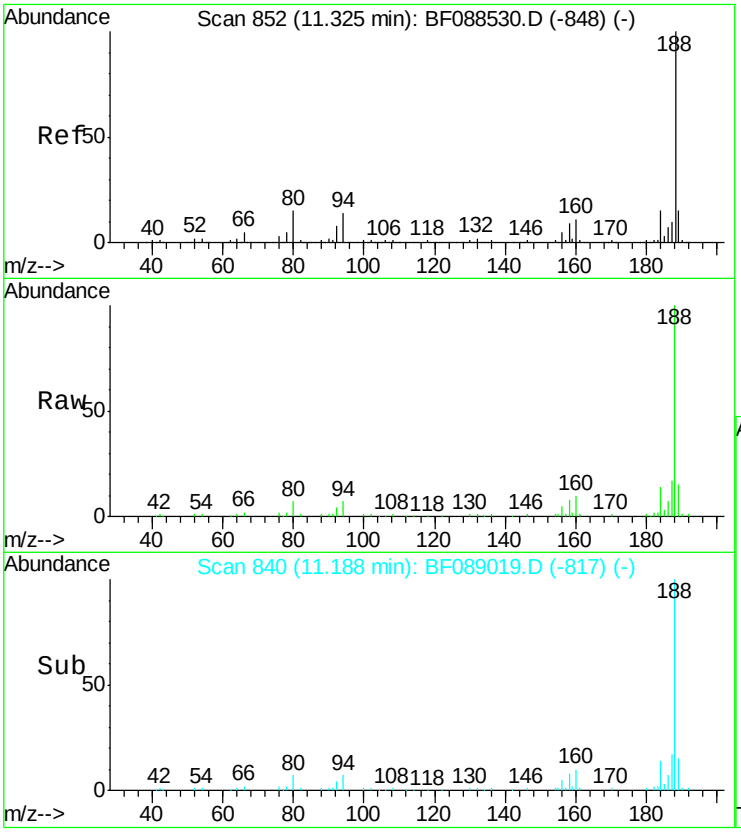


#56
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.23 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:165 Resp: 11711

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#



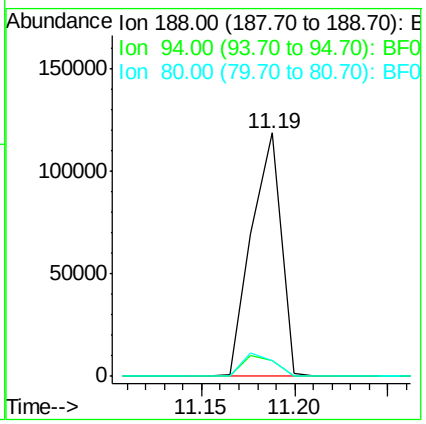


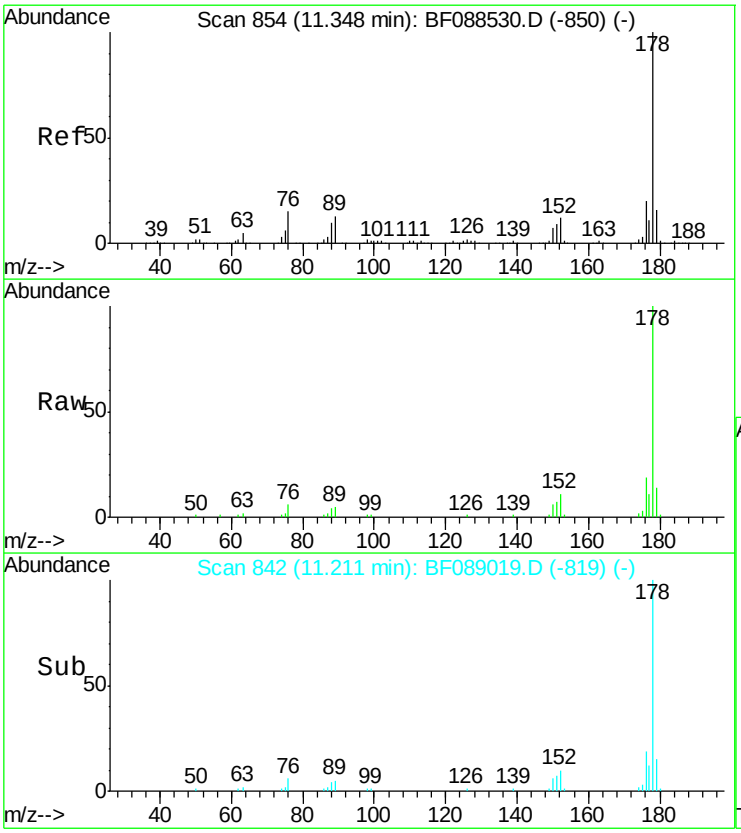
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:188 Resp: 130677

Ion	Ratio	Lower	Upper
188	100		
94	6.5	9.0	13.6#
80	6.7	10.0	15.0#

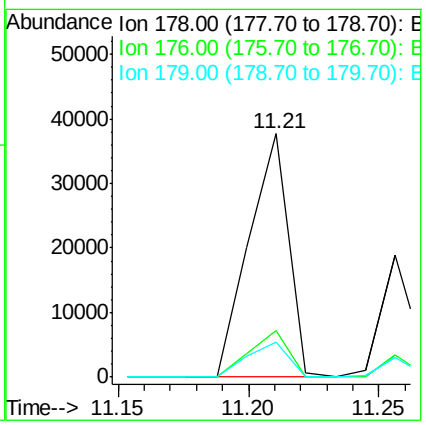


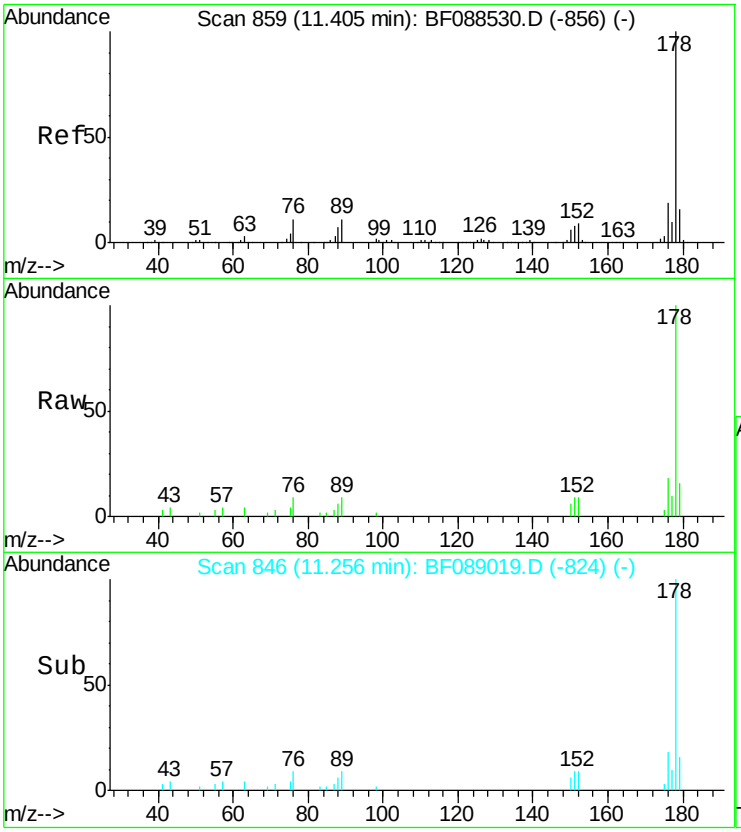


#70
Phenanthrene
Concen: 5.62 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:178 Resp: 40175

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	14.4	13.0	19.4



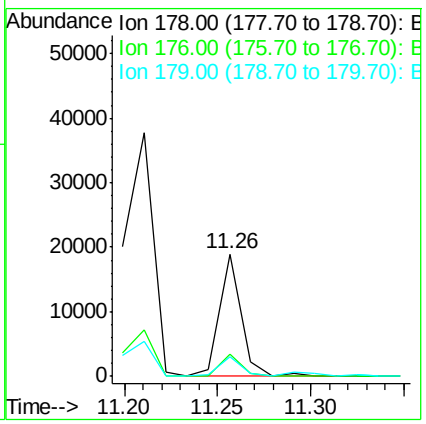


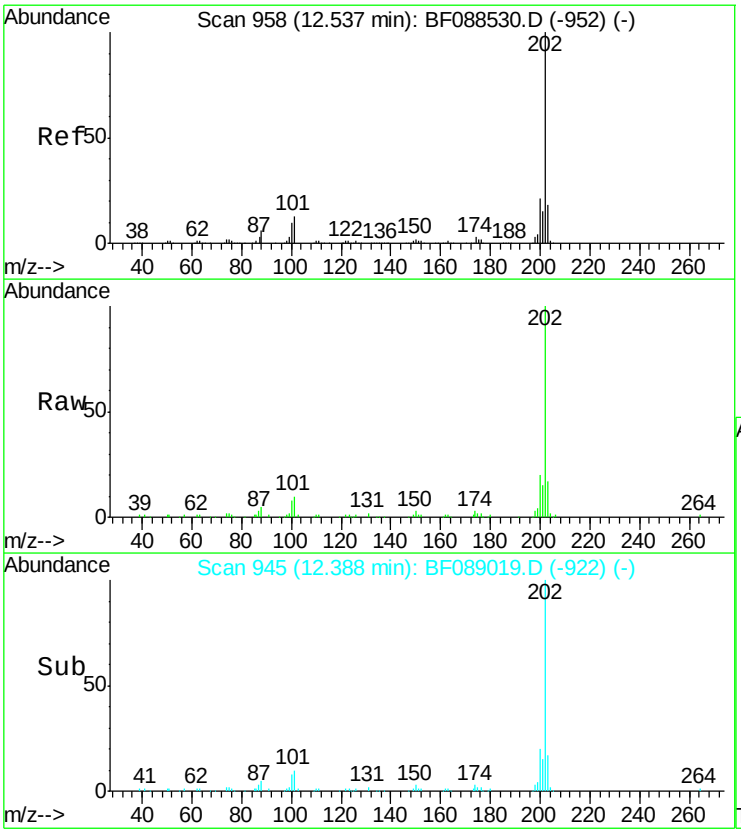
#71
Anthracene
Concen: 2.18 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.05 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:178 Resp: 15515

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	15.6	12.8	19.2

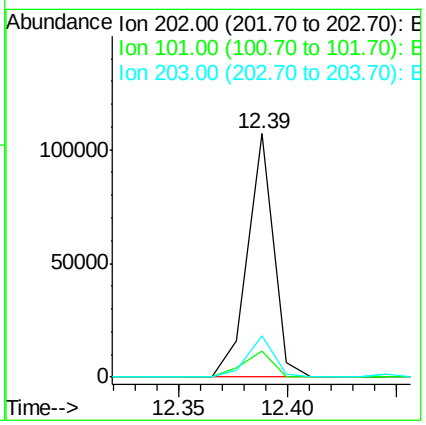


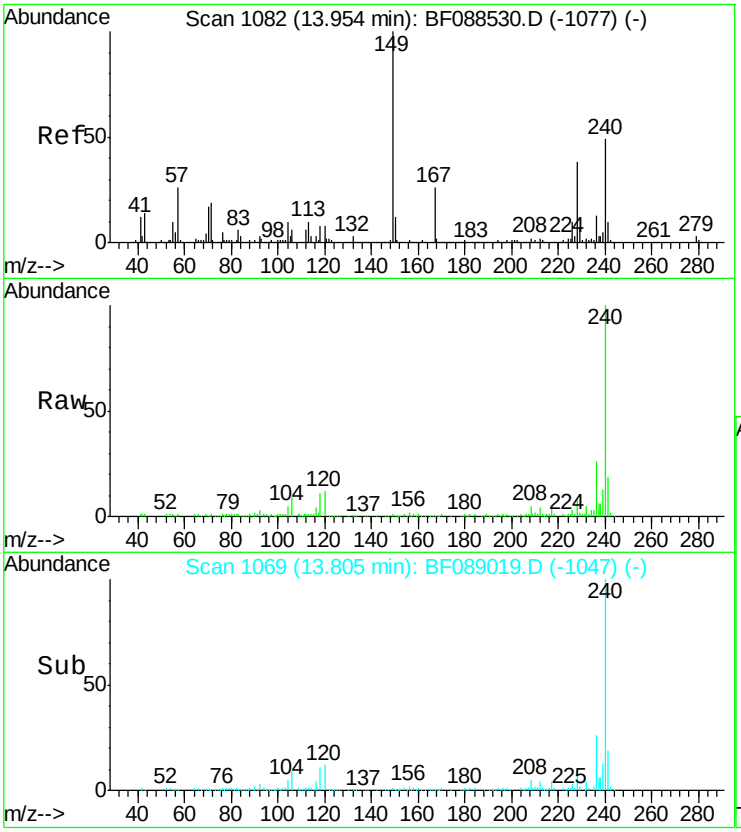


#74
Fluoranthene
Concen: 12.26 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:202 Resp: 88758

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.1
203	17.0	0.0	38.1



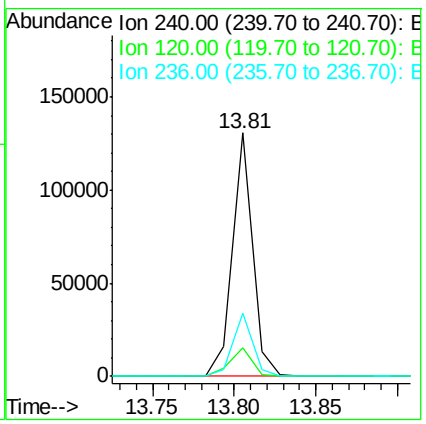


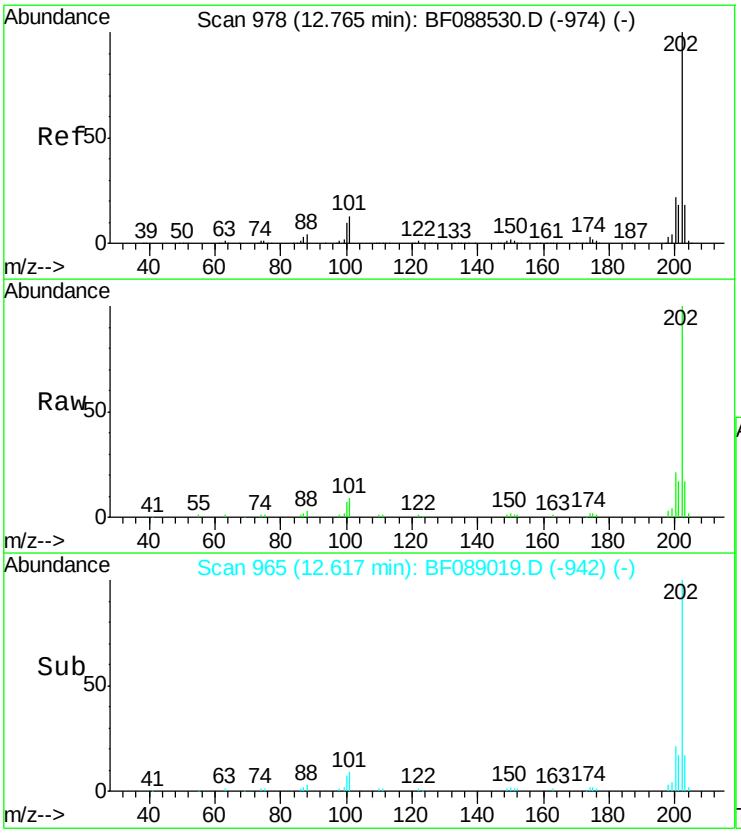
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:240 Resp: 110390

Ion	Ratio	Lower	Upper
240	100		
120	12.0	6.8	10.2#
236	26.0	20.2	30.2

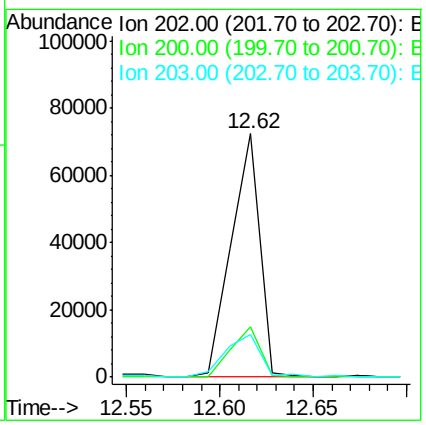


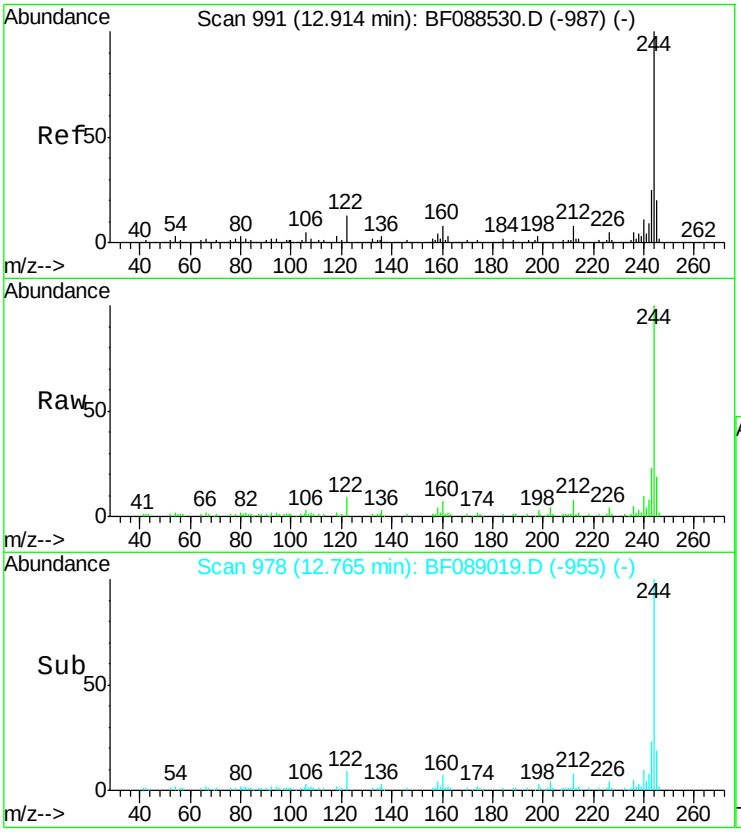


#77
Pyrene
Concen: 8.34 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:202 Resp: 78019

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.5	21.7



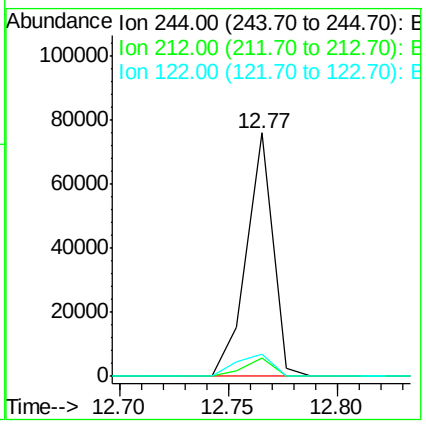


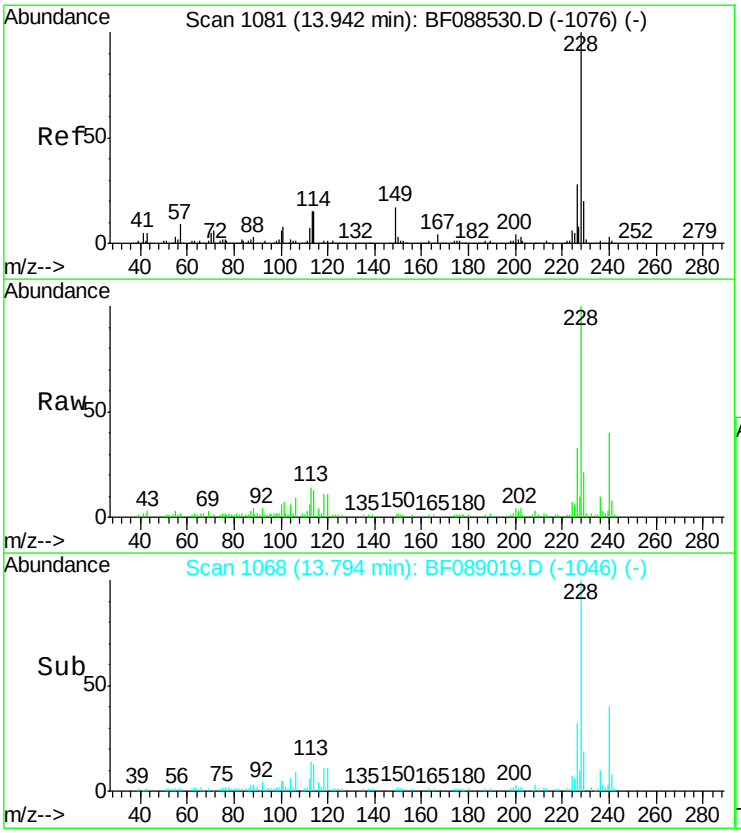
#78
Terphenyl-d14
Concen: 12.99 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:244 Resp: 64374

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.1	11.2	16.8#

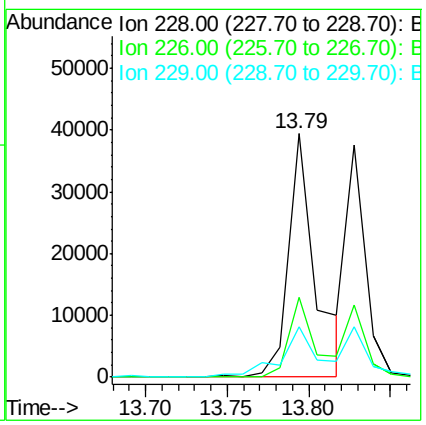


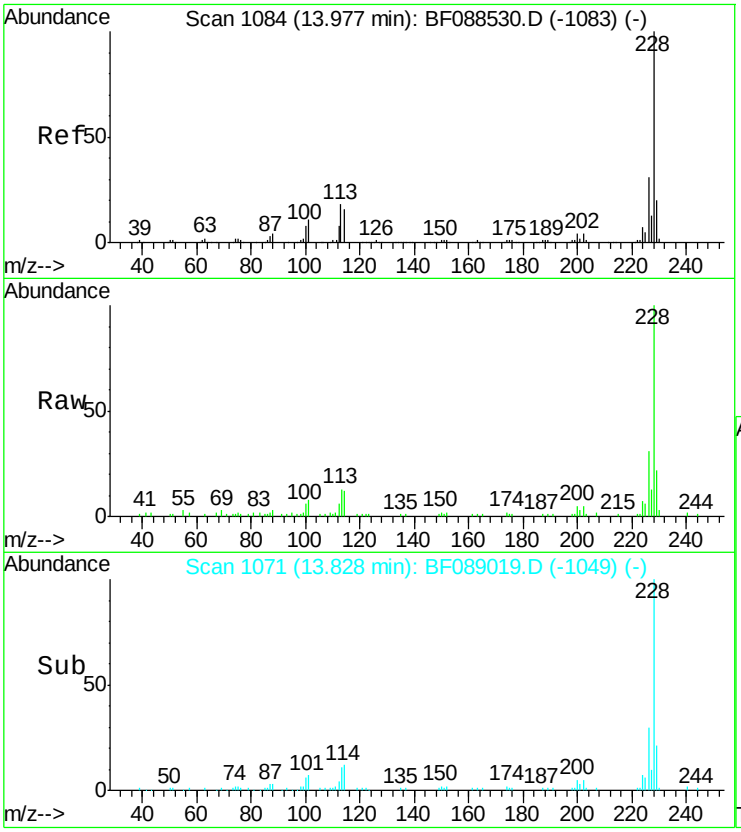


#80
Benzo(a)anthracene
Concen: 6.38 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.05 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:228 Resp: 45322

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.3	33.5
229	20.6	16.0	24.0



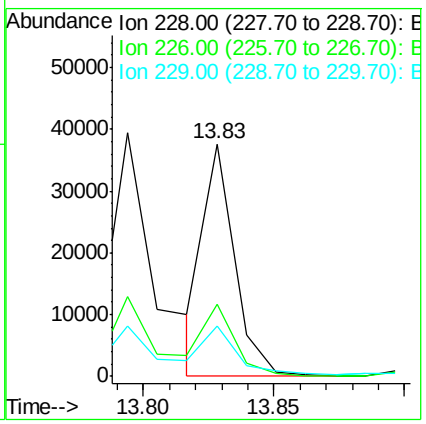


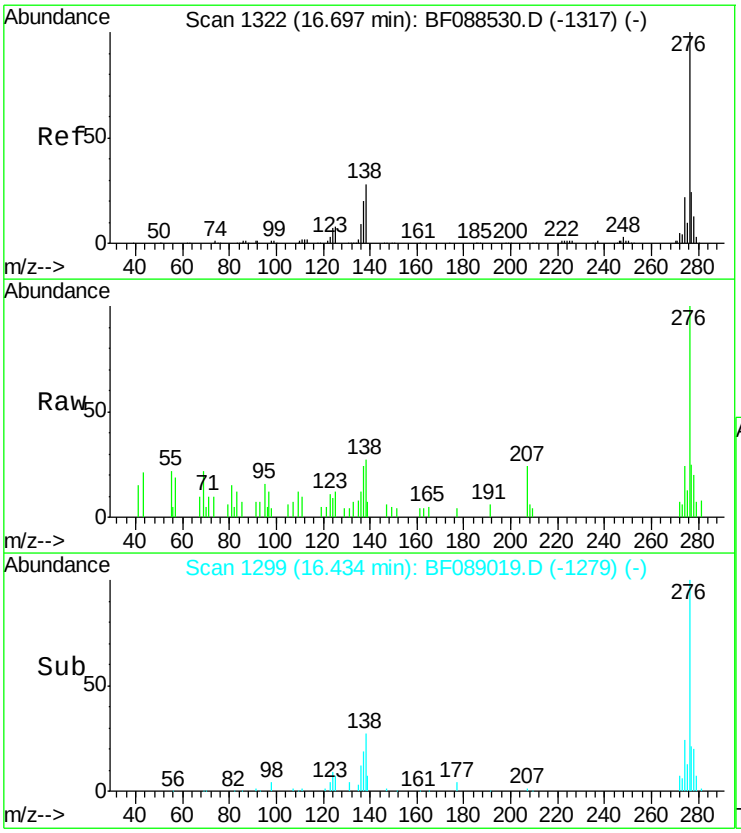
#82
Chrysene
Concen: 4.42 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:228 Resp: 31116

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	21.6	16.3	24.5

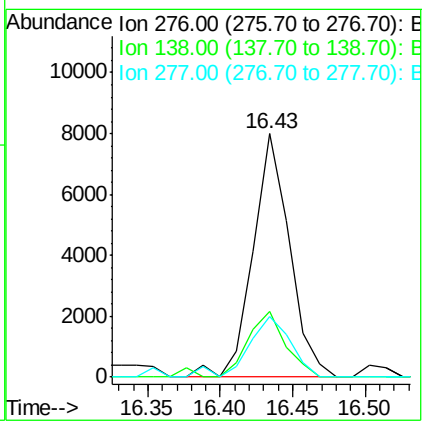


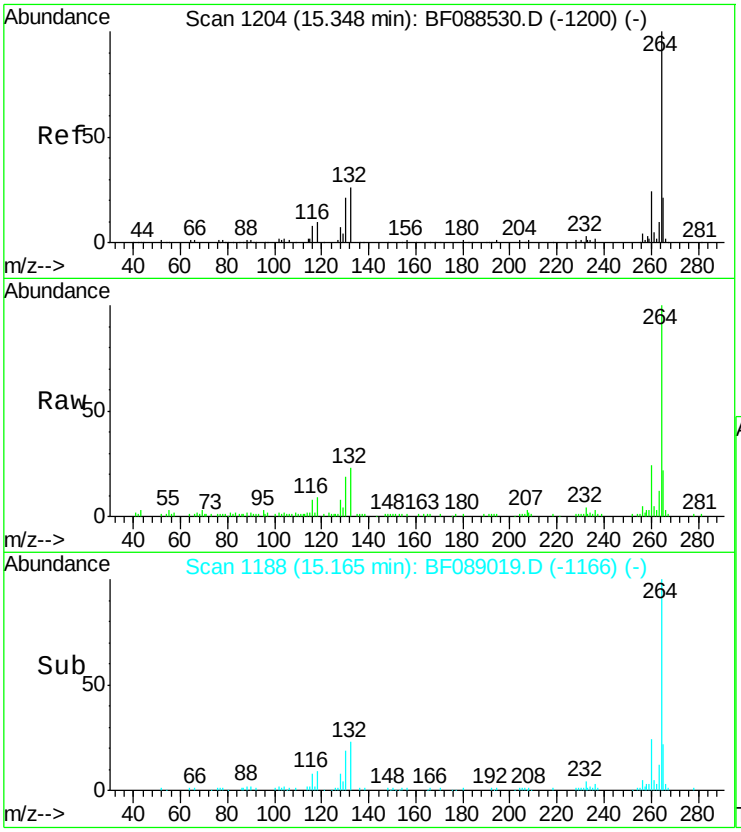


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.58 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.07 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:276 Resp: 13972

Ion	Ratio	Lower	Upper
276	100		
138	27.8	0.0	0.0#
277	29.0	0.0	0.0#



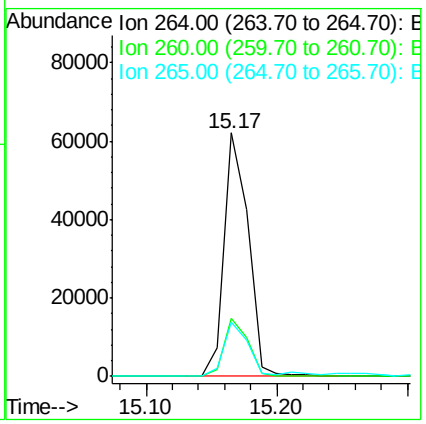


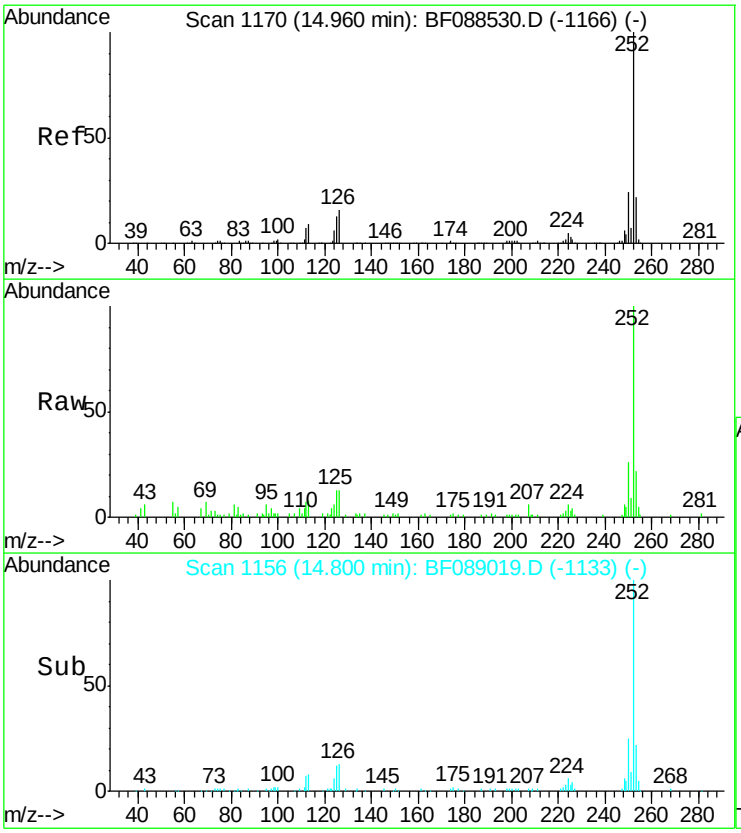
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:264 Resp: 79593

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	16.9	25.3

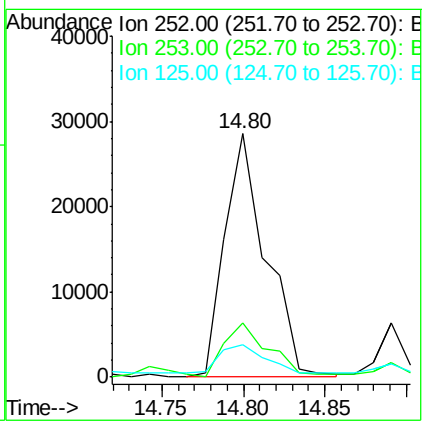


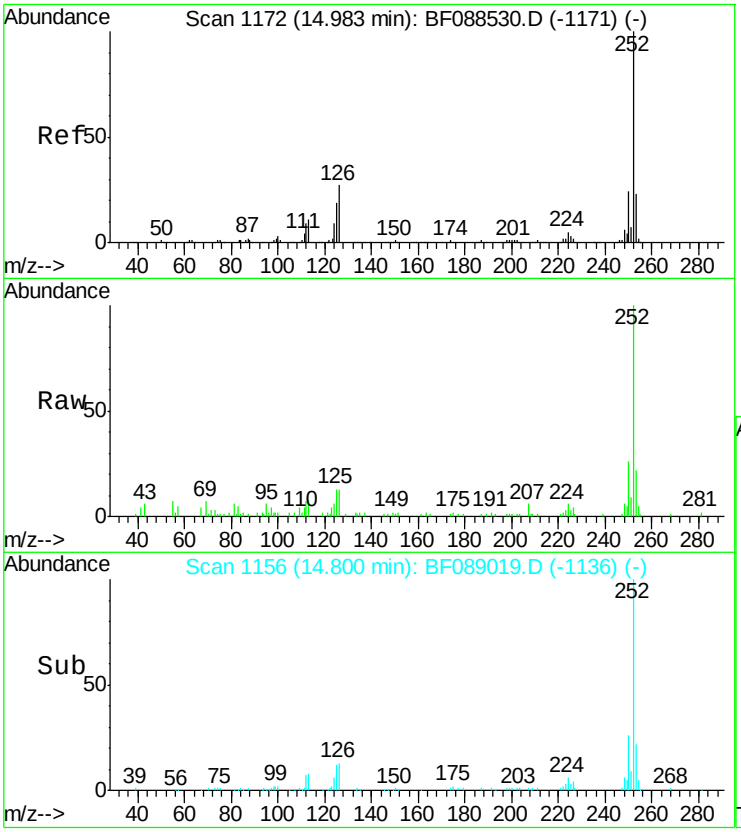


#87
Benzo(b)fluoranthene
Concen: 10.04 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:252 Resp: 50115

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	13.2	7.1	10.7#



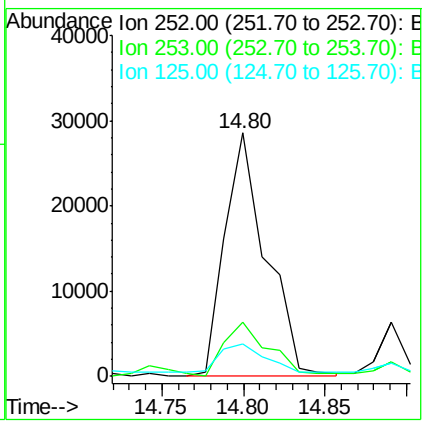


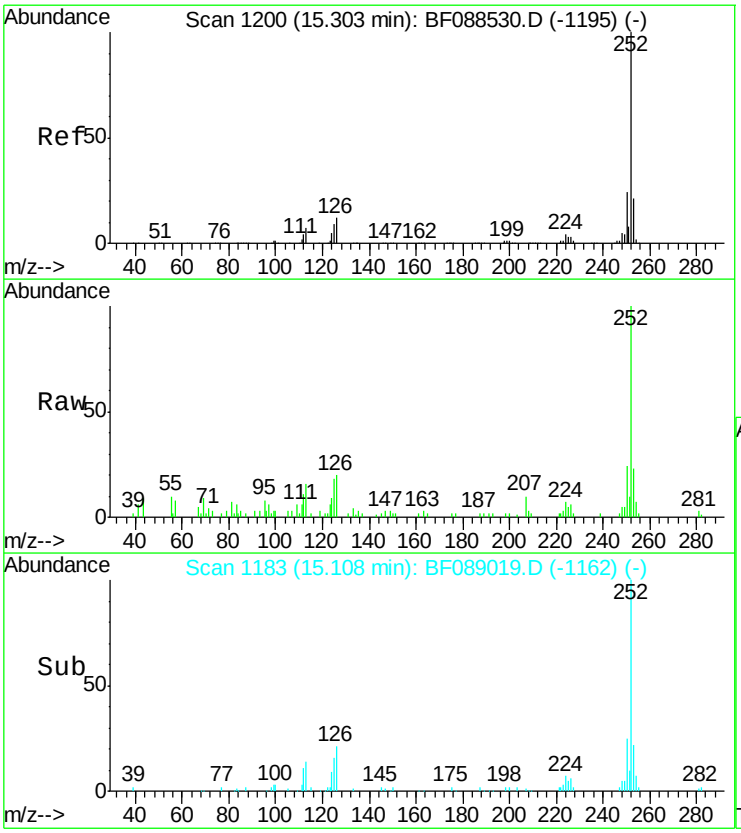
#88
Benzo(k)fluoranthene
Concen: 11.53 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.07 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:252 Resp: 50115

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	13.2	11.2	16.8

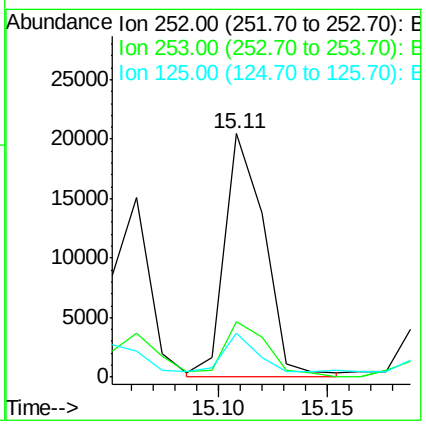


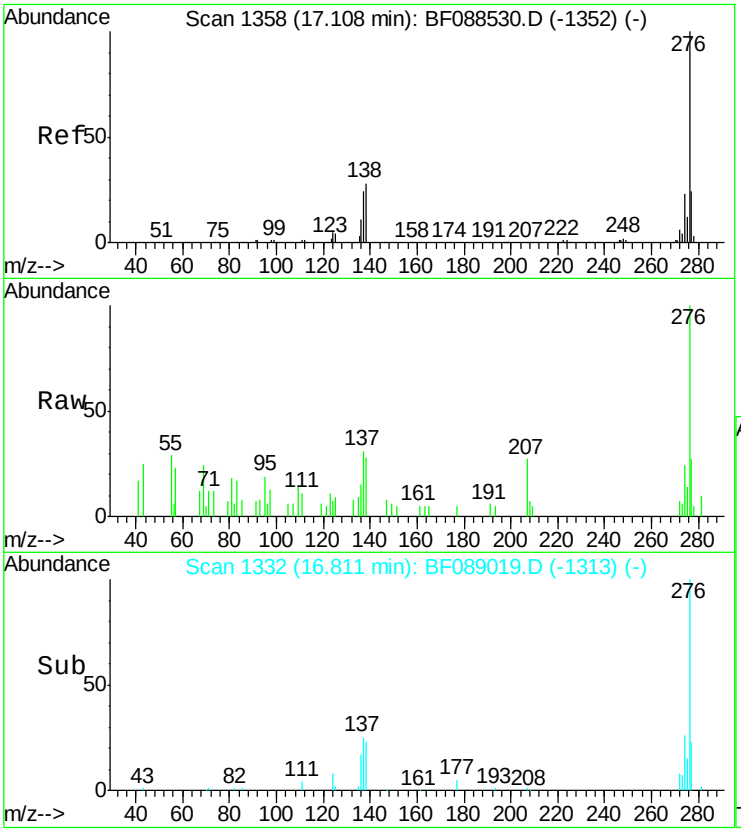


#89
Benzo(a)pyrene
Concen: 6.13 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.06 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Tgt Ion:252 Resp: 25930

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	18.1	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.53 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.08 min
Lab File: BF089019.D
Acq: 15 Jul 2016 16:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB08(0-2in)

Tgt Ion:276 Resp: 12897

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.9	28.3
138	28.1	21.4	32.2