Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089709.D
Acq On : 10 Aug 2016 22:15
Operator : UM/SJ
Sample : H4400-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL1(0-6)

Quant Time: Aug 11 01:12:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	48376	20.00	ng		-0.05
21) Naphthalene-d8	9.43	136	199302	20.00	ng		-0.05
38) Acenaphthene-d10	12.25	164	88497	20.00	ng		-0.05
63) Phenanthrene-d10	14.64	188	138960	20.00	ng		-0.06
75) Chrysene-d12	18.35	240	106882	20.00	ng		-0.03
86) Perylene-d12	20.03	264	99476	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	286601	99.30	ng		-0.02
7) Phenol-d6	6.96	99	404785	103.38	ng		-0.02
23) Nitrobenzene-d5	8.31	82	237906	66.03	ng		-0.06
41) 2,4,6-Tribromophenol	13.54	330	60305	82.57	ng		-0.05
44) 2-Fluorobiphenyl	11.21	172	446364	65.55	ng		-0.05
78) Terphenyl-d14	17.02	244	274050	50.62	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.31	70	27704	9.79	ng	#	83
49) Dimethylphthalate	11.90	163	99576	14.36	ng		99
55) 4-Nitrophenol	12.59	139	1960	8.21	ng	#	43
70) Phenanthrene	14.69	178	115392	15.27	ng		98
71) Anthracene	14.78	178	28917	3.57	ng		97
74) Fluoranthene	16.46	202	211867	27.28	ng		99
77) Pyrene	16.75	202	180410	19.09	ng	#	94
80) Benzo(a)anthracene	18.39	228	89771	14.62	ng		95
82) Chrysene	18.39	228	89771	13.93	ng		98
85) Indeno(1,2,3-cd)pyrene	21.21	276	45689	9.34	ng		98
87) Benzo(b)fluoranthene	19.62	252	154957	25.33	ng	#	93
88) Benzo(k)fluoranthene	19.62	252	154957	25.11	ng		96
89) Benzo(a)pyrene	19.98	252	75660	13.21	ng		94
90) Dibenzo(a,h)anthracene	21.22	278	12518	2.34	ng	#	71
91) Benzo(g,h,i)perylene	21.55	276	43601	7.96	ng		96

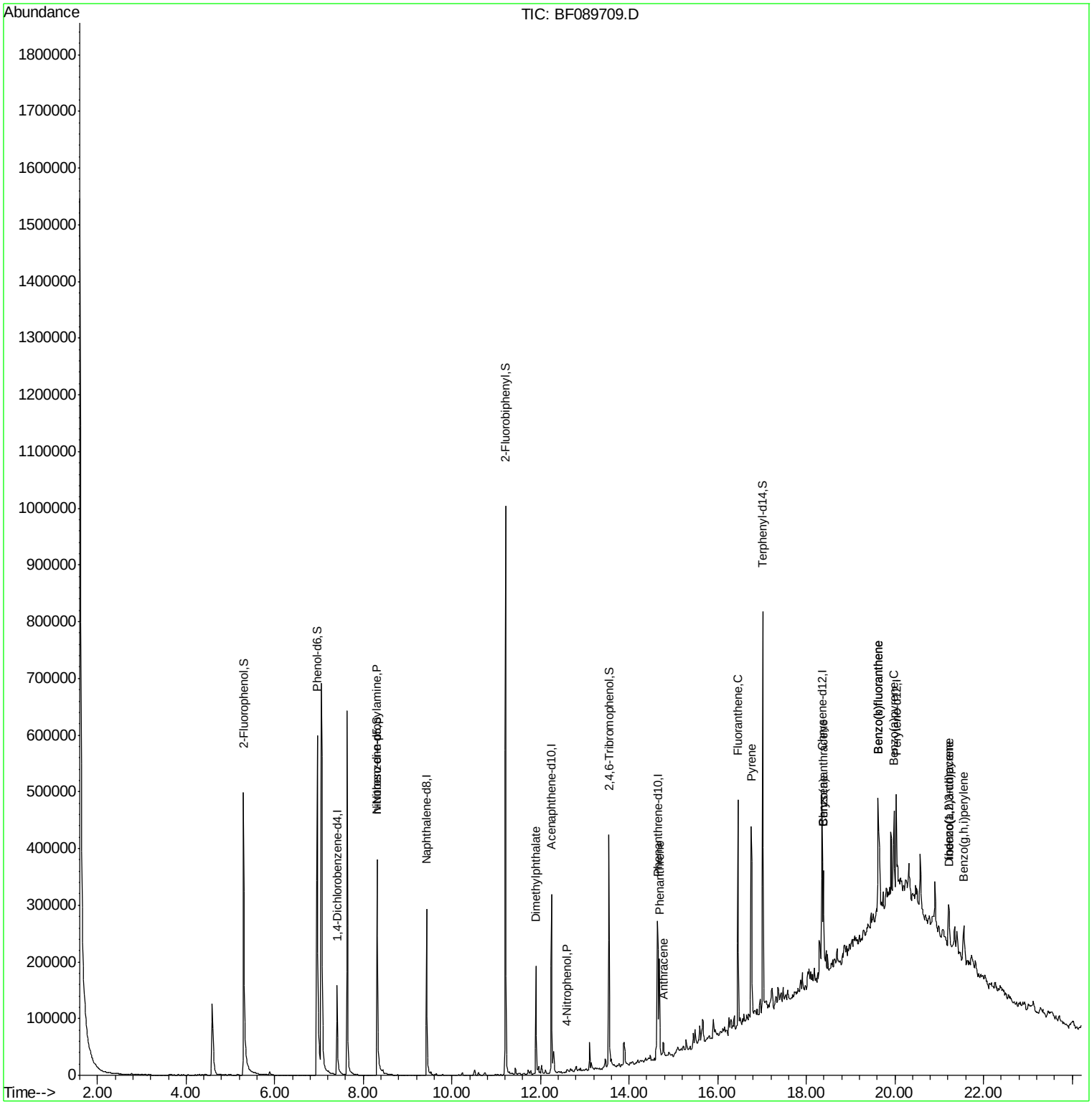
(#) = qualifier out of range (m) = manual integration (+) = signals summed

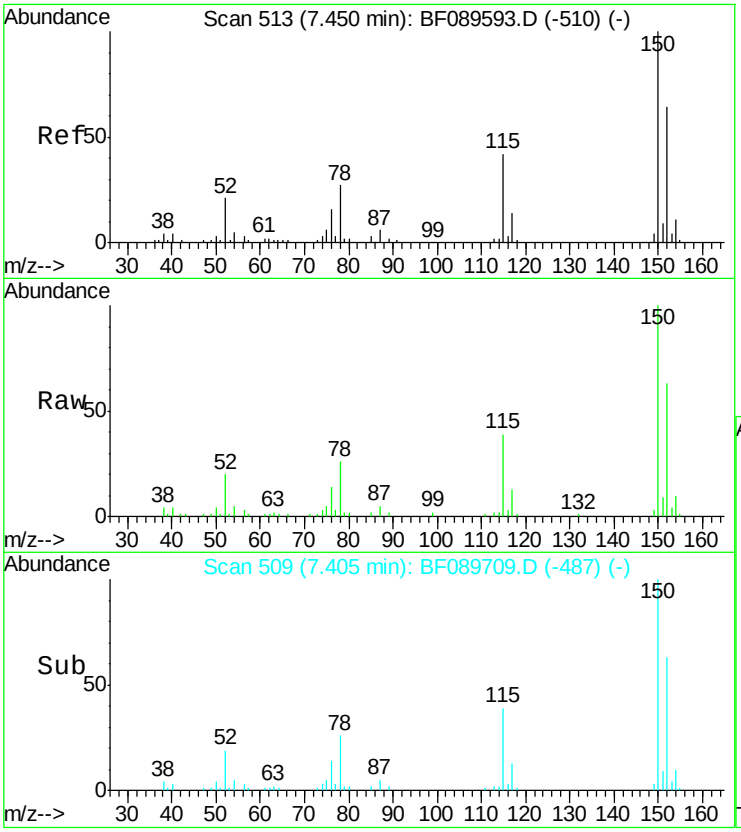
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089709.D
Acq On : 10 Aug 2016 22:15
Operator : UM/SJ
Sample : H4400-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Quant Time: Aug 11 01:12:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration



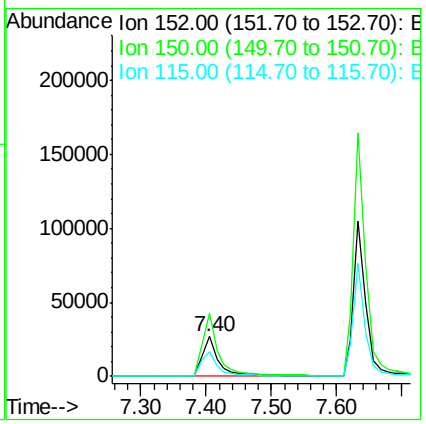


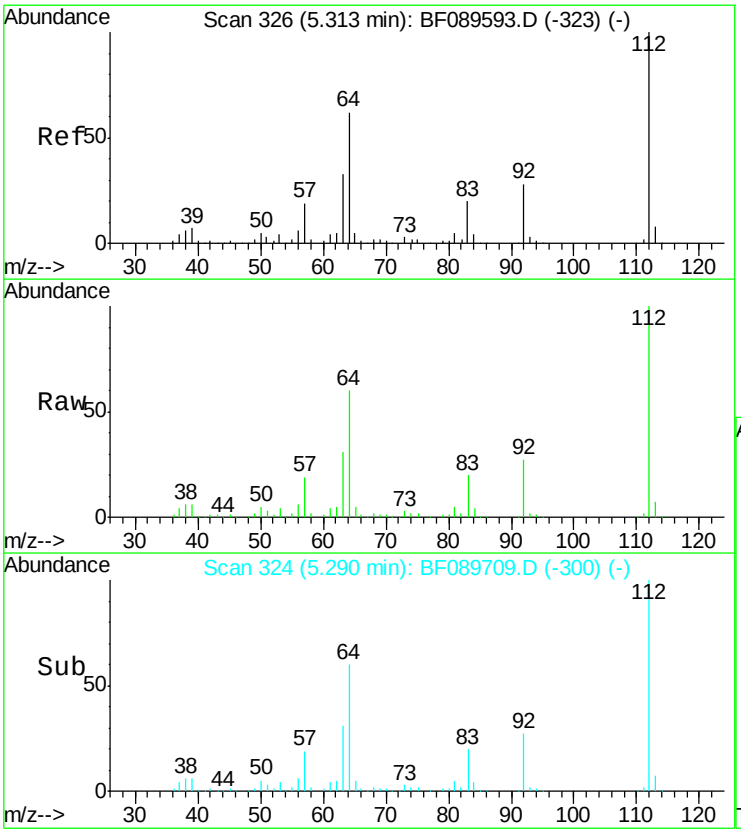
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.05 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:152 Resp: 48376

Ion	Ratio	Lower	Upper
152	100		
150	159.4	125.5	188.3
115	62.8	52.0	78.0

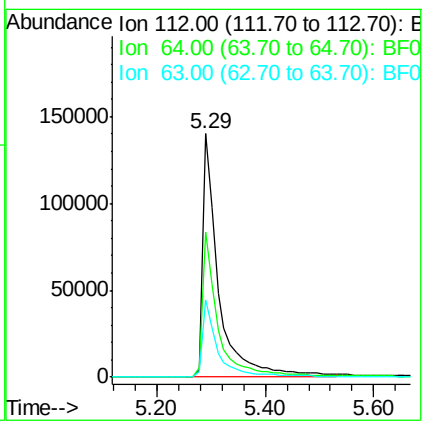


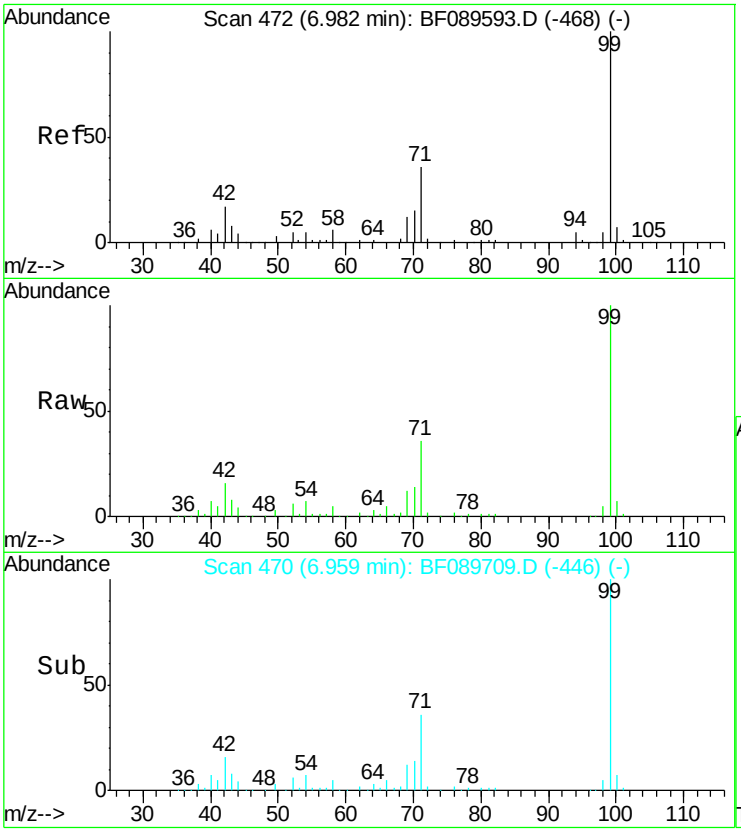


#5
2-Fluorophenol
Concen: 99.30 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.02 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:112 Resp: 286601

Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.9	74.9
63	31.5	26.1	39.1



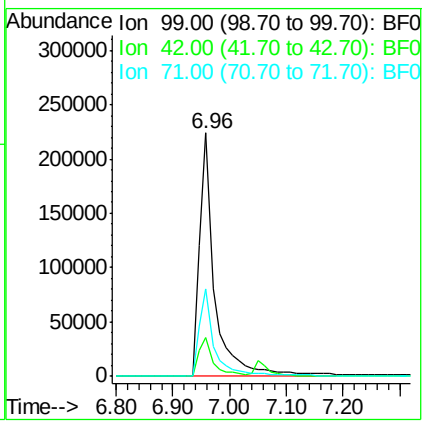


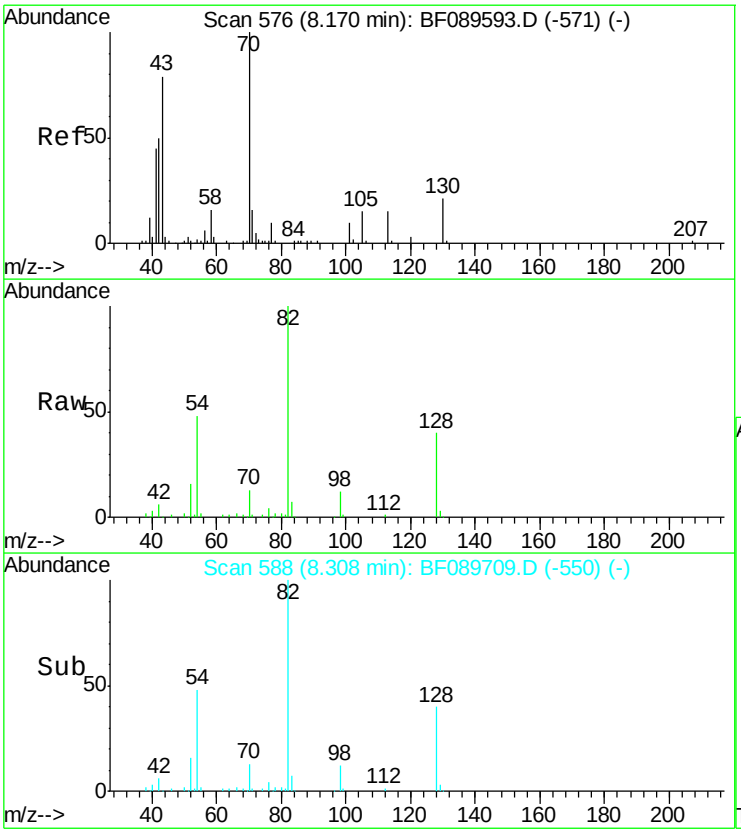
#7
Phenol-d6
Concen: 103.38 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion: 99 Resp: 404785

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	36.0	29.0	43.4

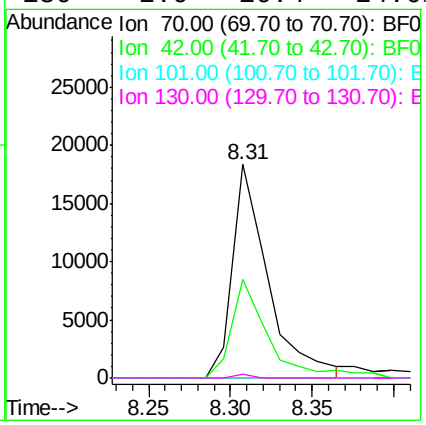


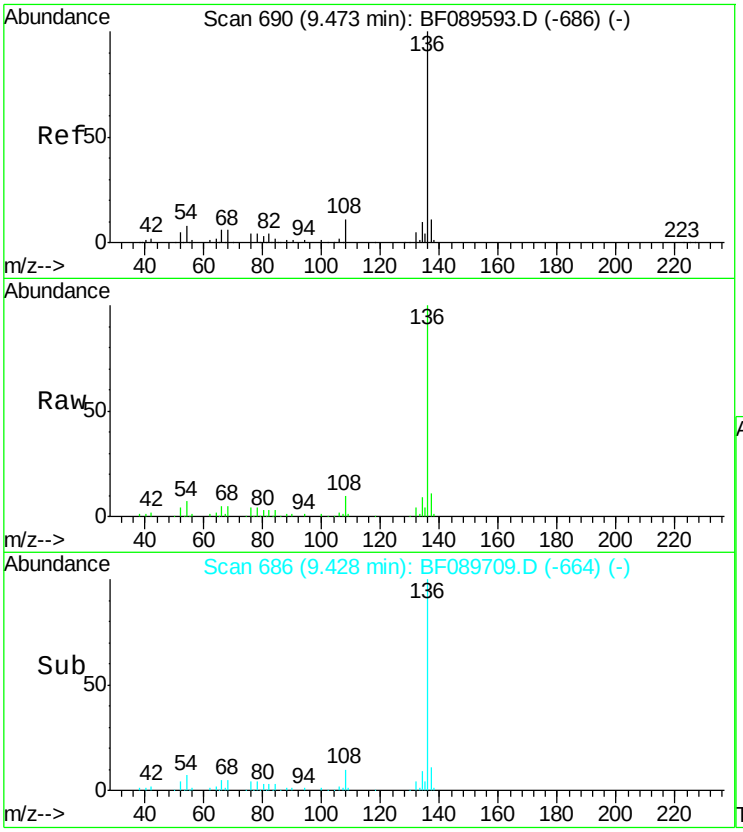


#19
n-Nitroso-di-n-propylamine
Concen: 9.79 ng
RT: 8.31 min Scan# 588
Delta R.T. 0.14 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion: 70 Resp: 27704

Ion	Ratio	Lower	Upper
70	100		
42	46.4	40.2	60.2
101	0.0	7.8	11.6#
130	2.0	16.4	24.6#



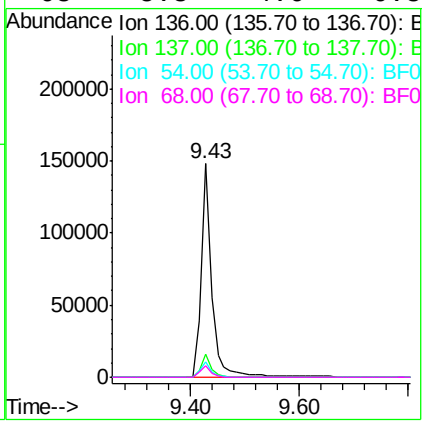


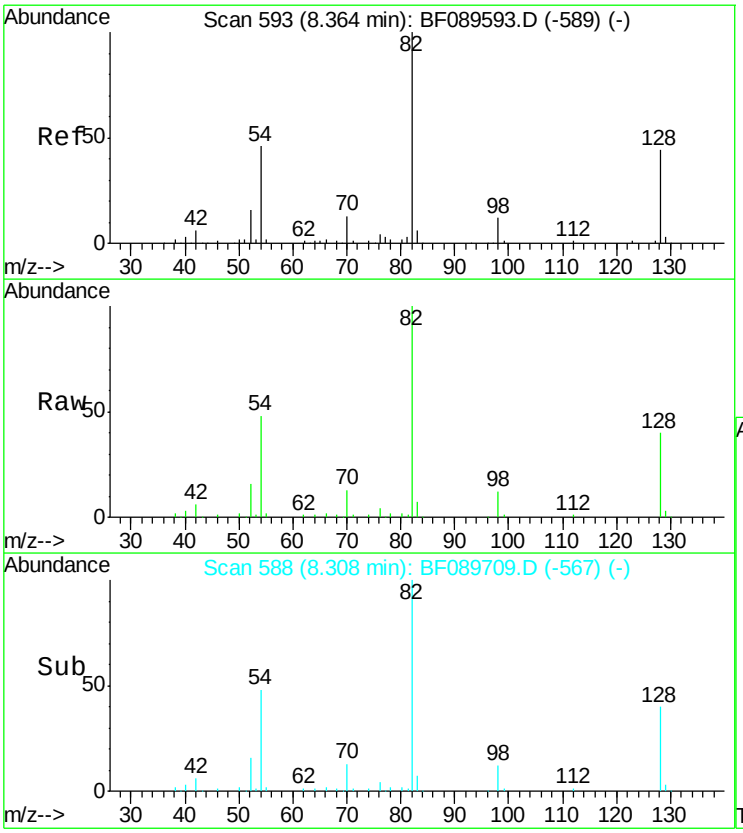
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.05 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:136 Resp: 199302

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.0	6.0	9.0
68	5.3	4.6	6.8

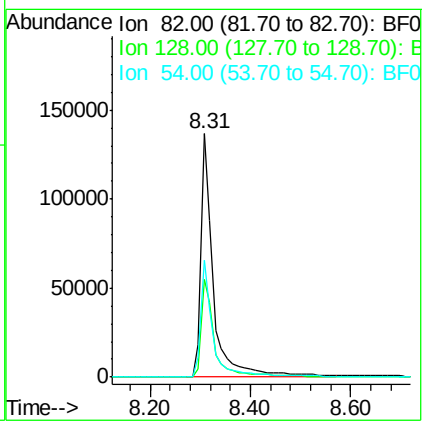


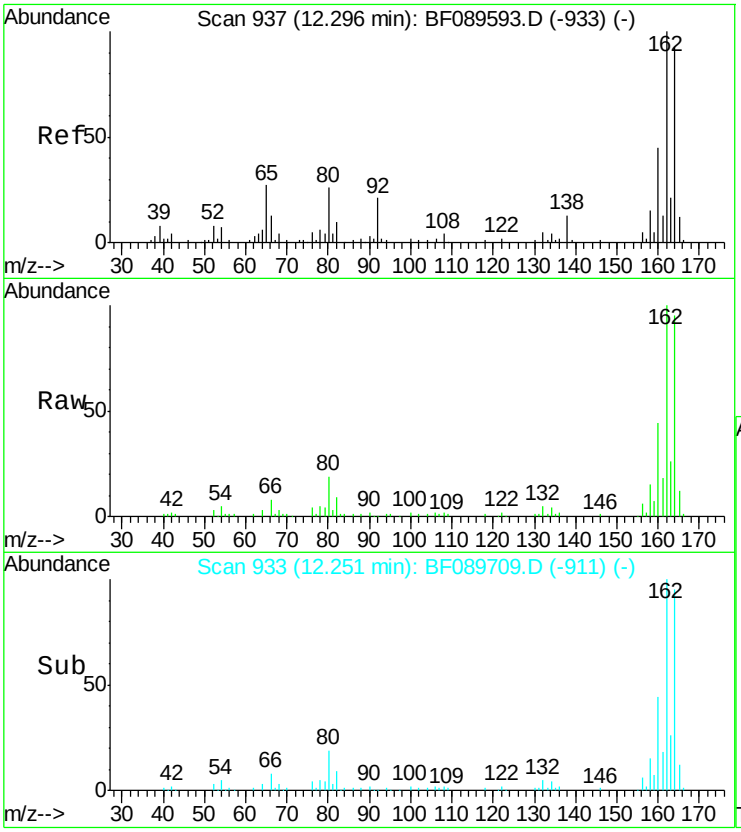


#23
Nitrobenzene-d5
Concen: 66.03 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.06 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion: 82 Resp: 237906

Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.4	53.0
54	47.8	36.4	54.6



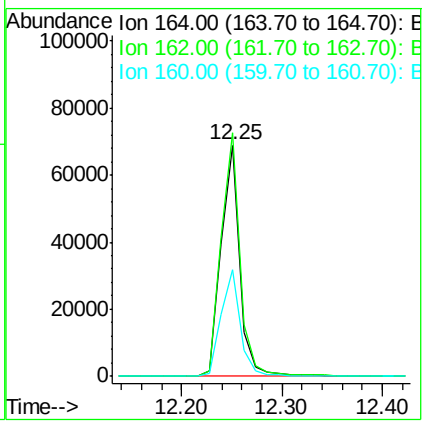


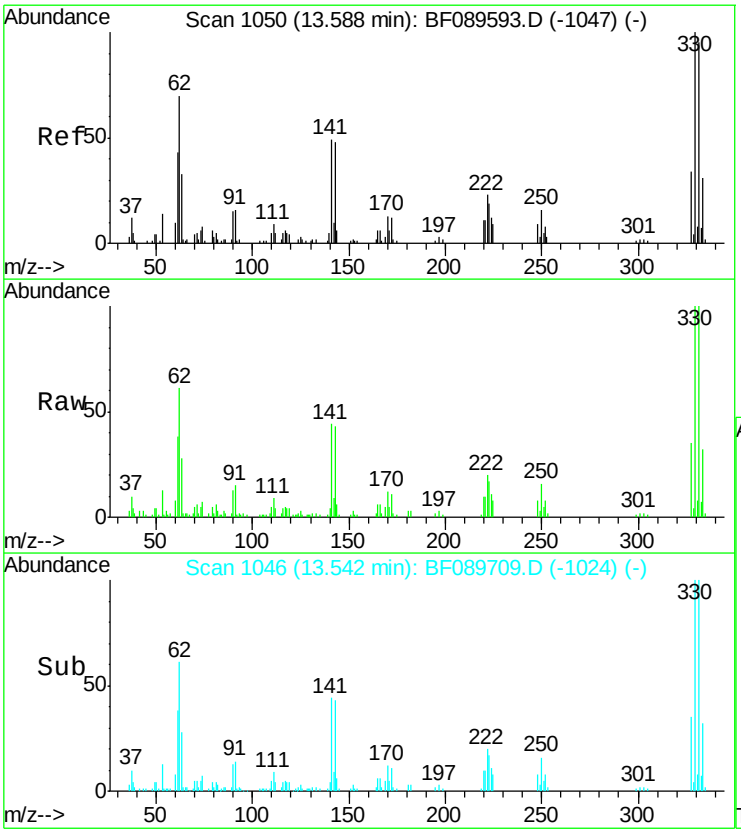
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:164 Resp: 88497

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.7	128.5
160	46.0	38.2	57.4

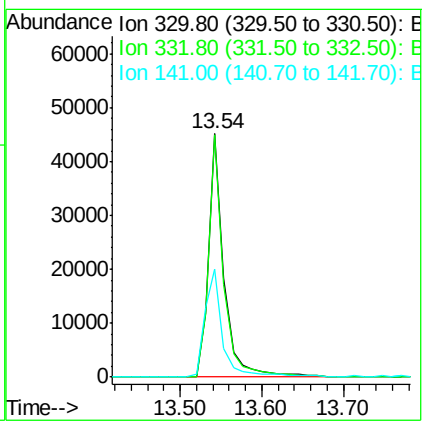


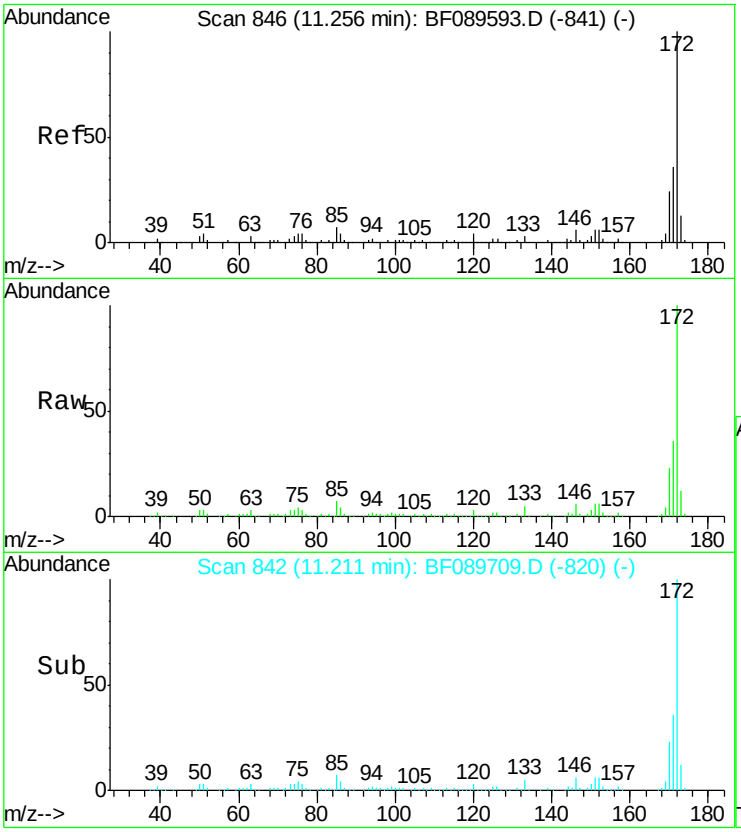


#41
2,4,6-Tribromophenol
Concen: 82.57 ng
RT: 13.54 min Scan# 1046
Delta R.T. -0.05 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:330 Resp: 60305

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	51.6	38.6	57.8



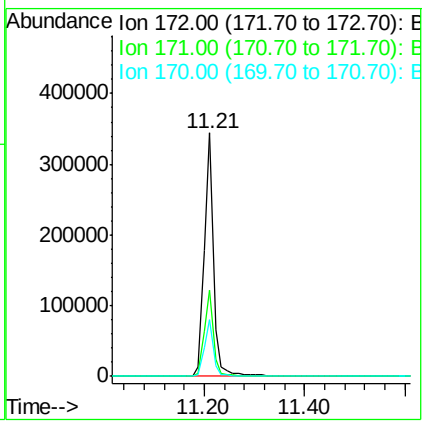


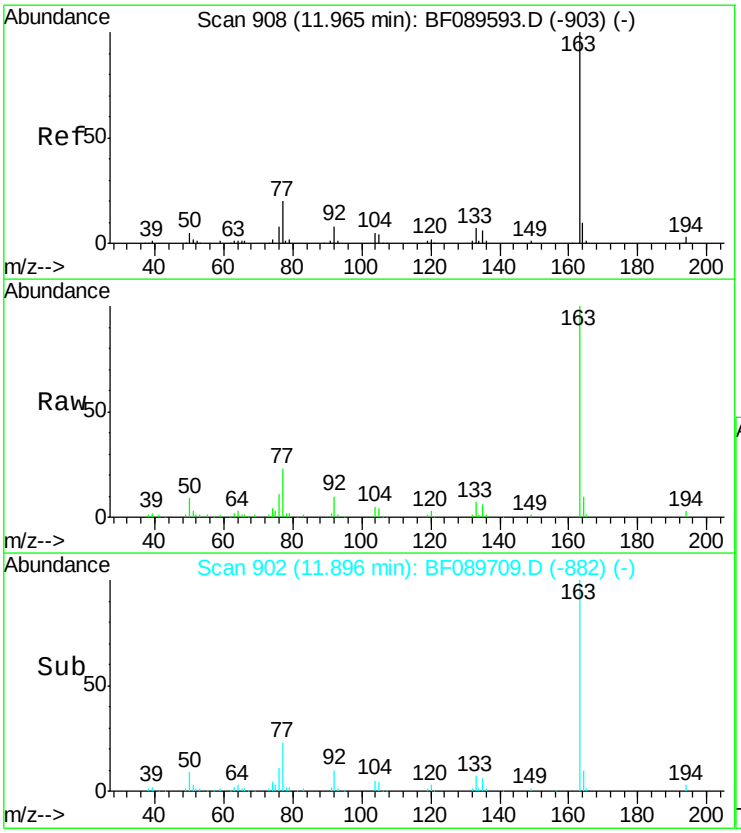
#44
2-Fluorobiphenyl
Concen: 65.55 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.05 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:172 Resp: 446364

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.5	19.0	28.6

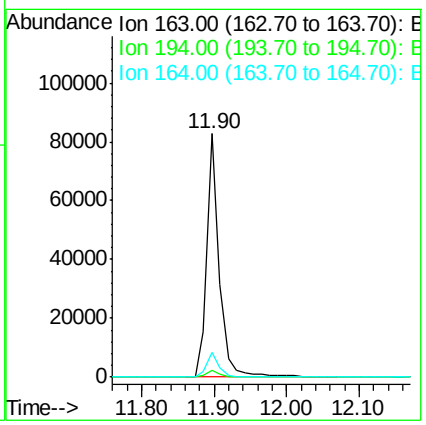


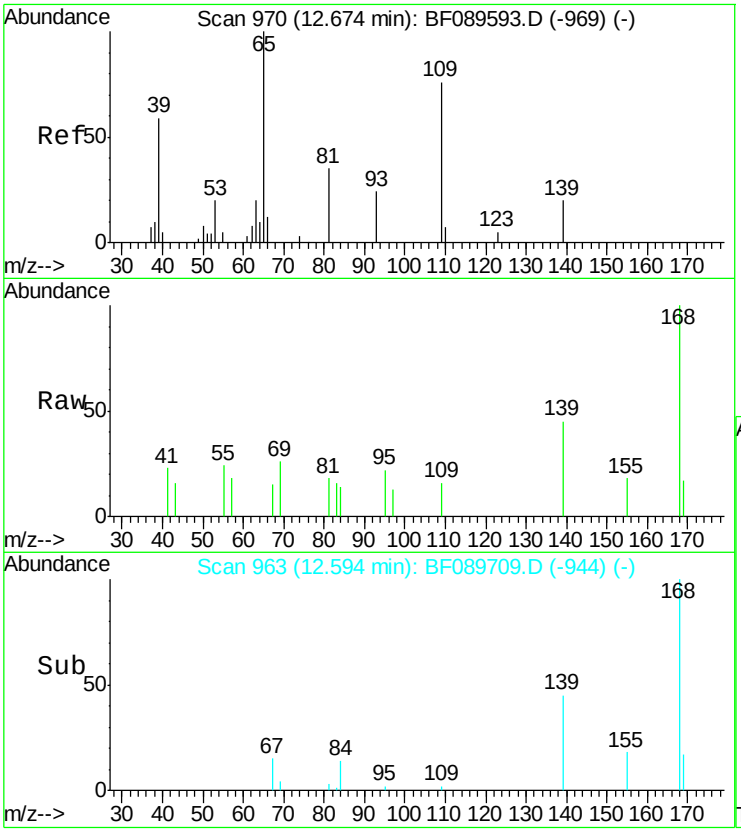


#49
Dimethylphthalate
Concen: 14.36 ng
RT: 11.90 min Scan# 902
Delta R.T. -0.07 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:163 Resp: 99576

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.0	7.8	11.6



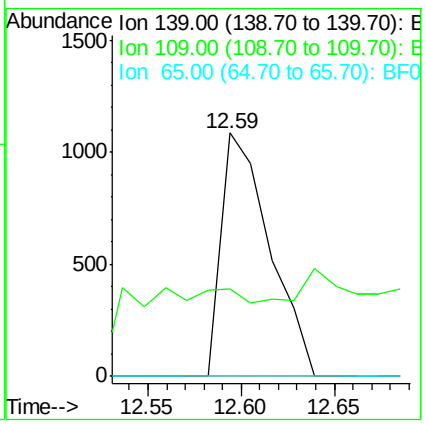


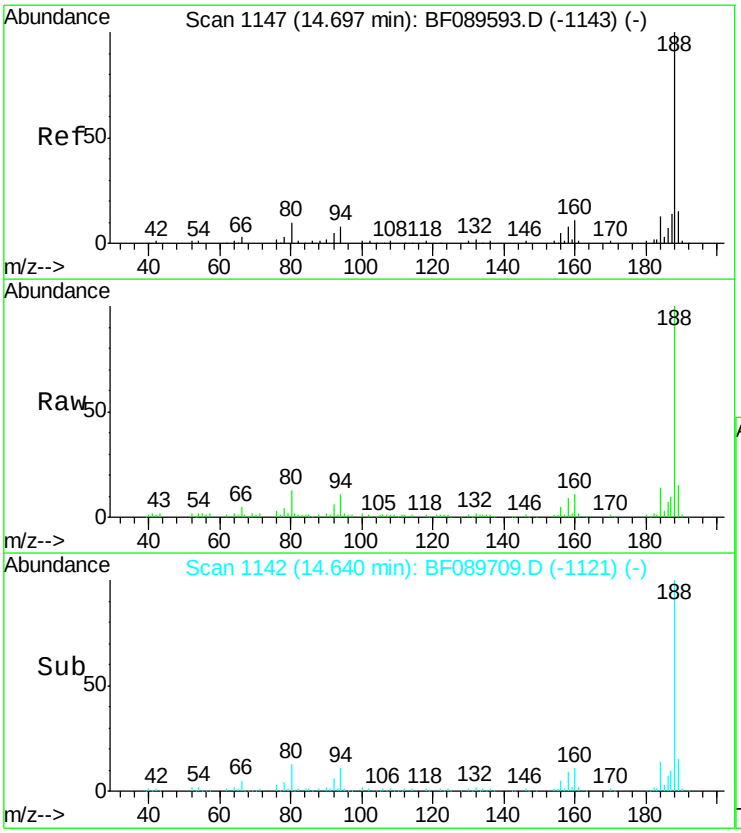
#55
4-Nitrophenol
Concen: 8.21 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.08 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:139 Resp: 1960

Ion	Ratio	Lower	Upper
139	100		
109	36.2	28.9	68.9
65	0.0	49.2	89.2#

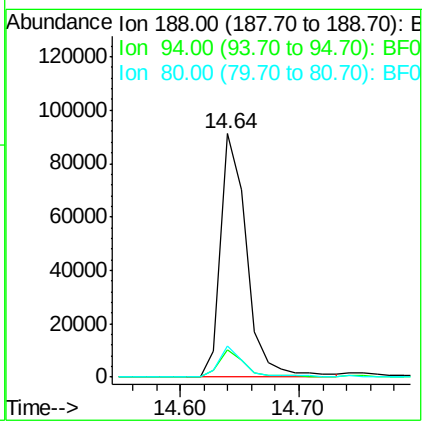


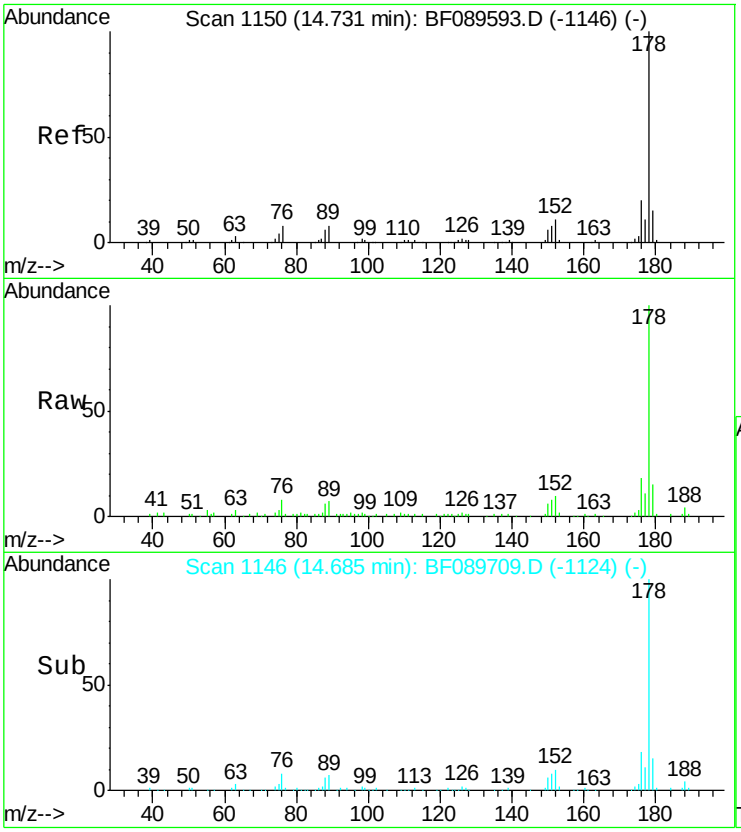


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1142
Delta R.T. -0.06 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:188 Resp: 138960

Ion	Ratio	Lower	Upper
188	100		
94	11.0	6.5	9.7#
80	12.8	8.0	12.0#



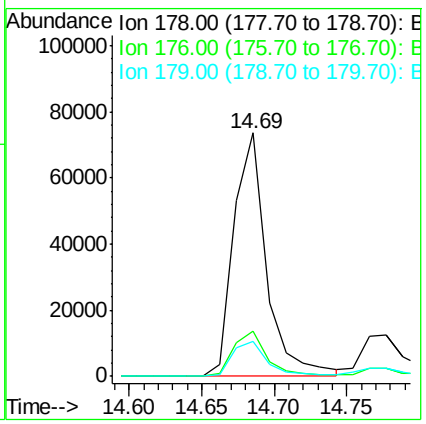


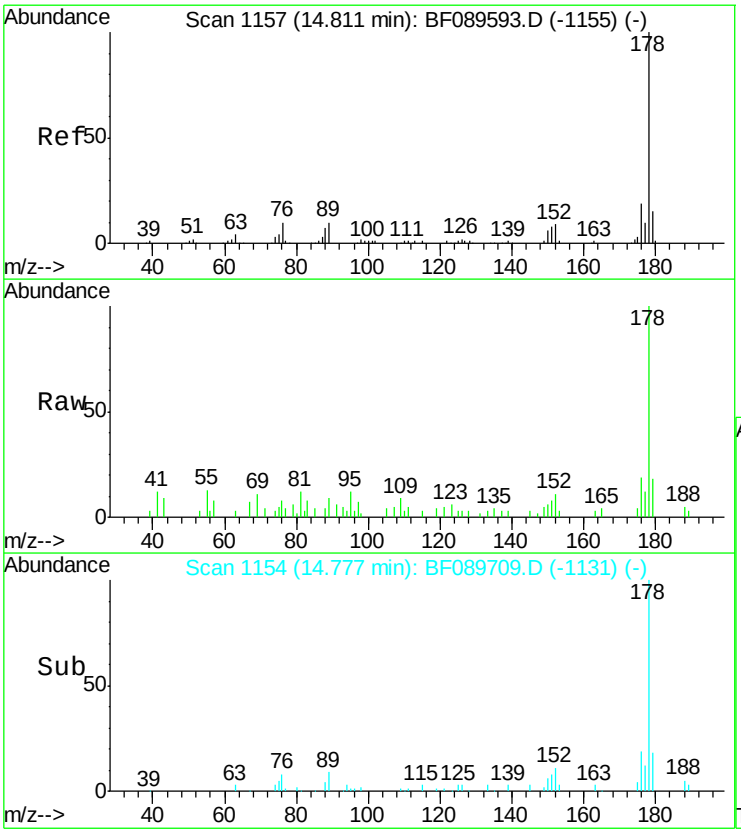
#70
Phenanthrene
Concen: 15.27 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.05 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:178 Resp: 115392

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	14.6	12.2	18.2

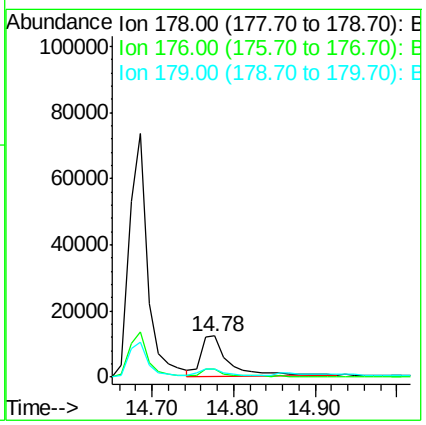


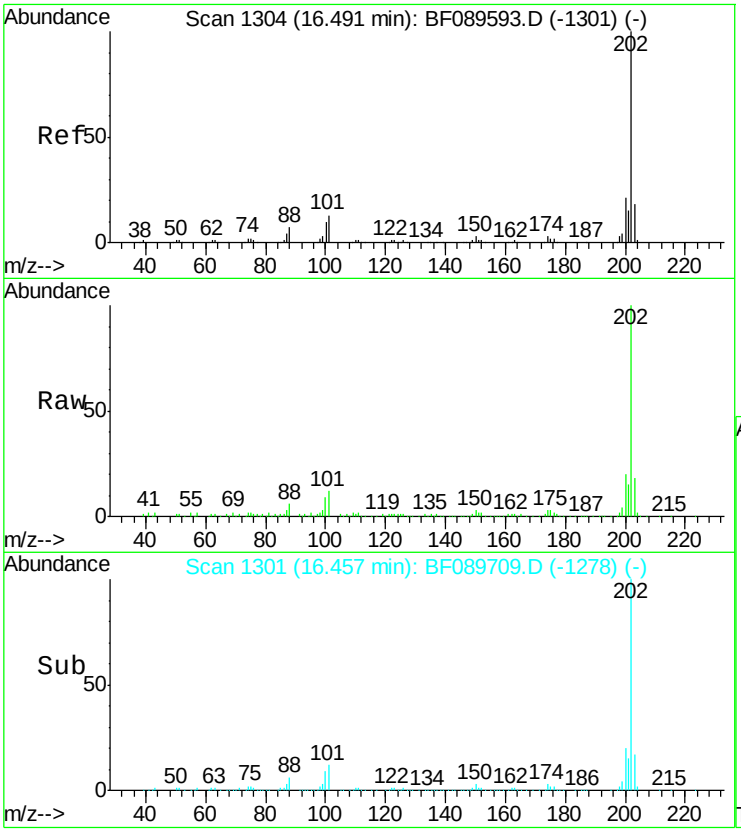


#71
Anthracene
Concen: 3.57 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:178 Resp: 28917

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	18.2	12.4	18.6



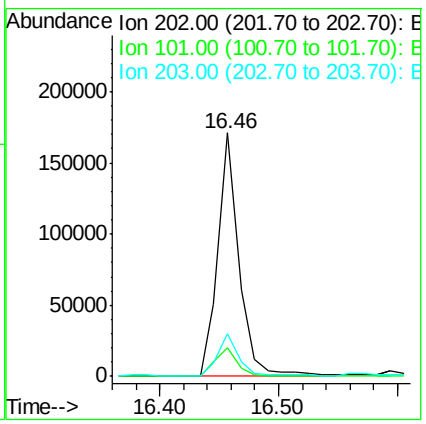


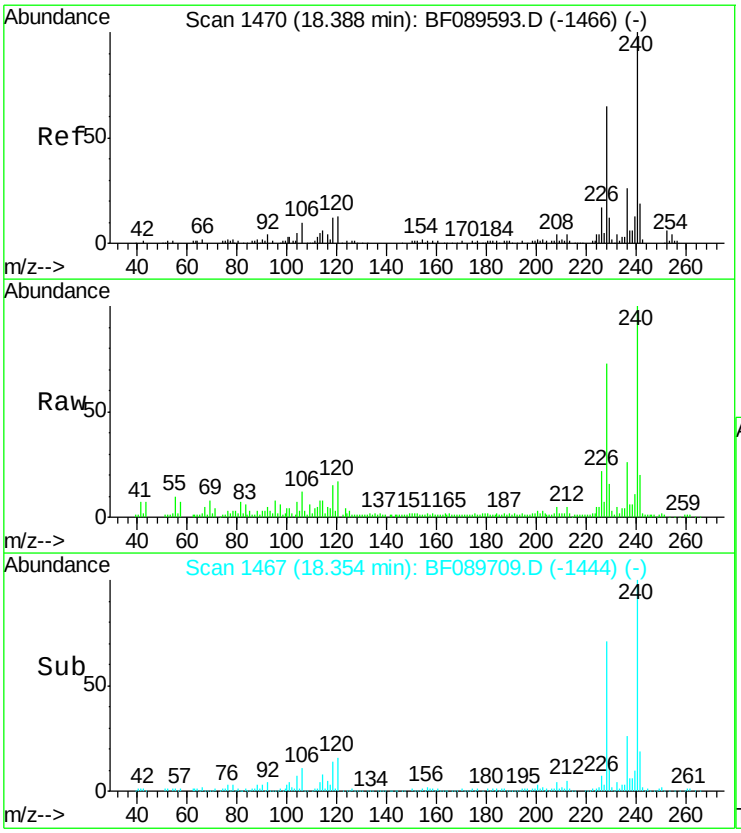
#74
Fluoranthene
Concen: 27.28 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:202 Resp: 211867

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.7
203	17.6	0.0	37.8

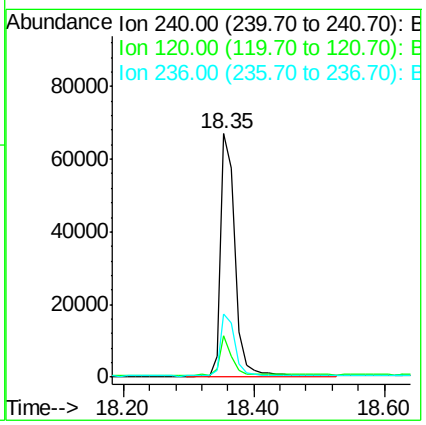


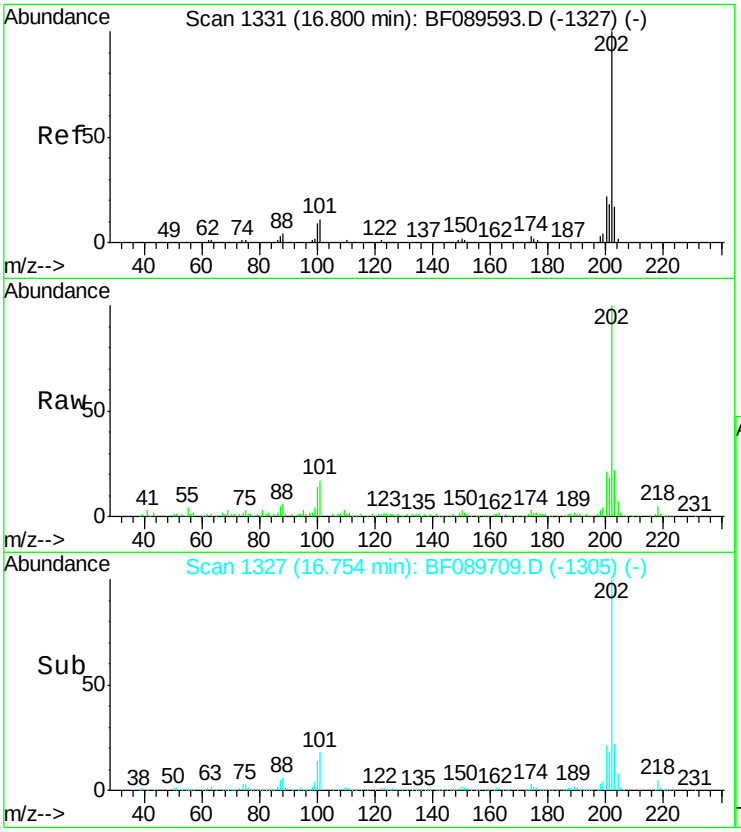


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.03 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:240 Resp: 106882

Ion	Ratio	Lower	Upper
240	100		
120	16.9	10.6	15.8#
236	25.9	20.6	30.8



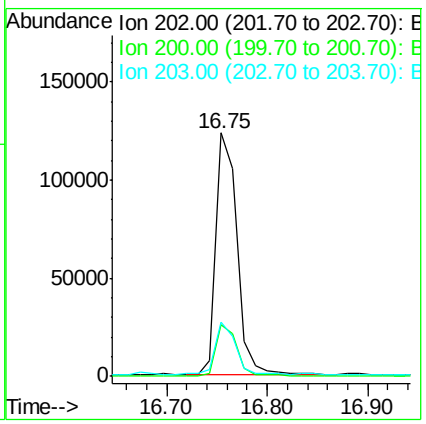


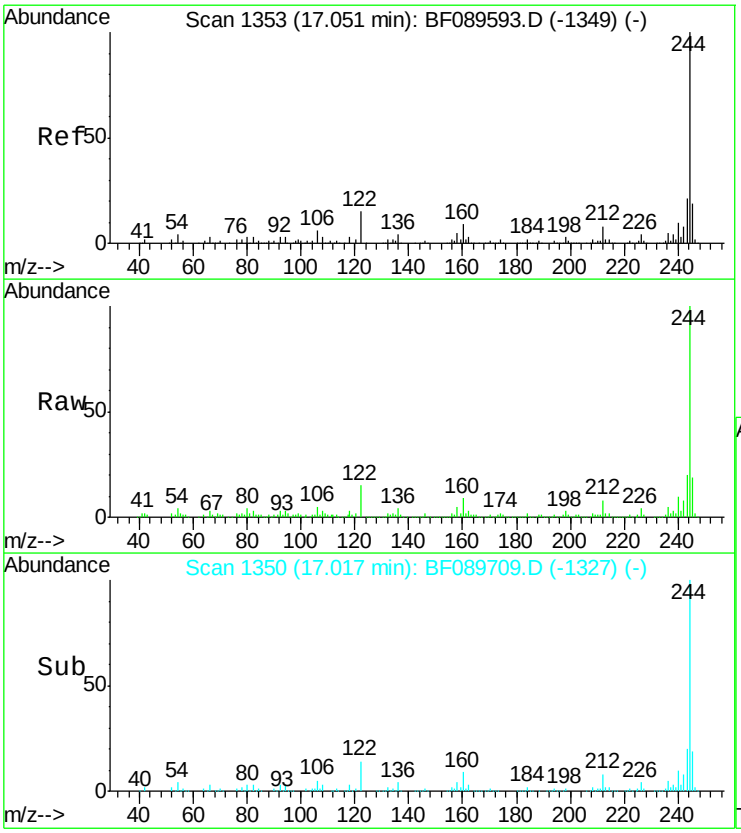
#77
Pyrene
Concen: 19.09 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.05 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:202 Resp: 180410

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.0
203	22.2	13.6	20.4#

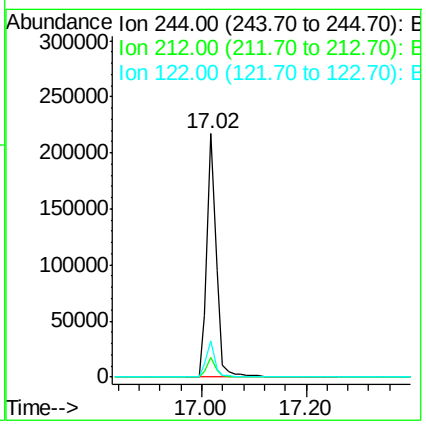


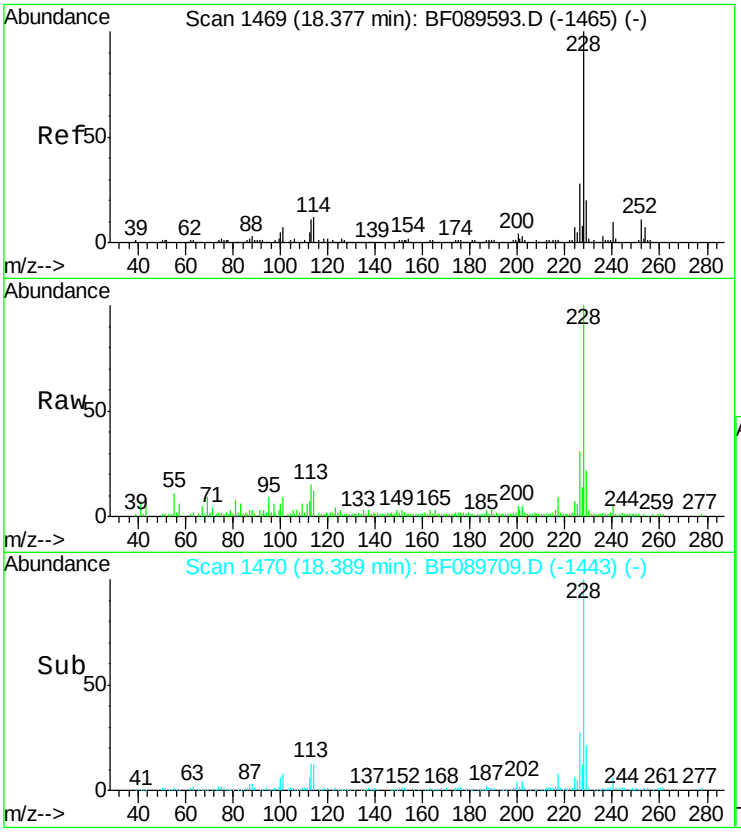


#78
Terphenyl-d14
Concen: 50.62 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:244 Resp: 274050

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	14.9	12.2	18.2



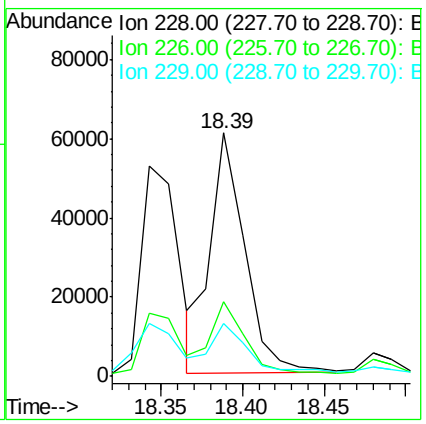


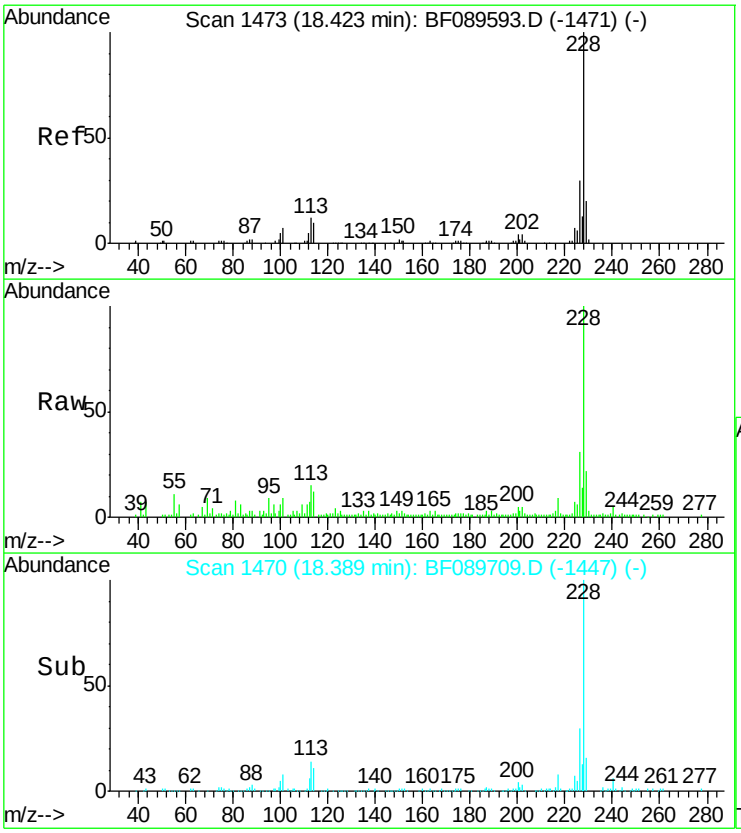
#80
Benzo(a)anthracene
Concen: 14.62 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:228 Resp: 89771

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.3	33.5
229	21.7	15.9	23.9

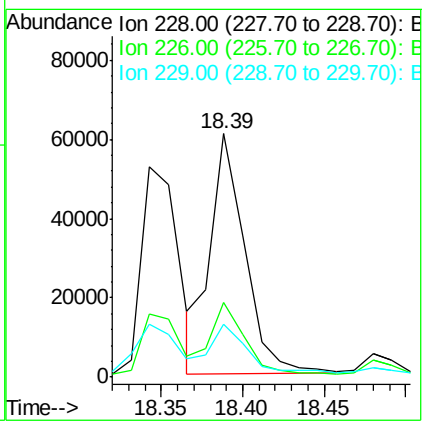


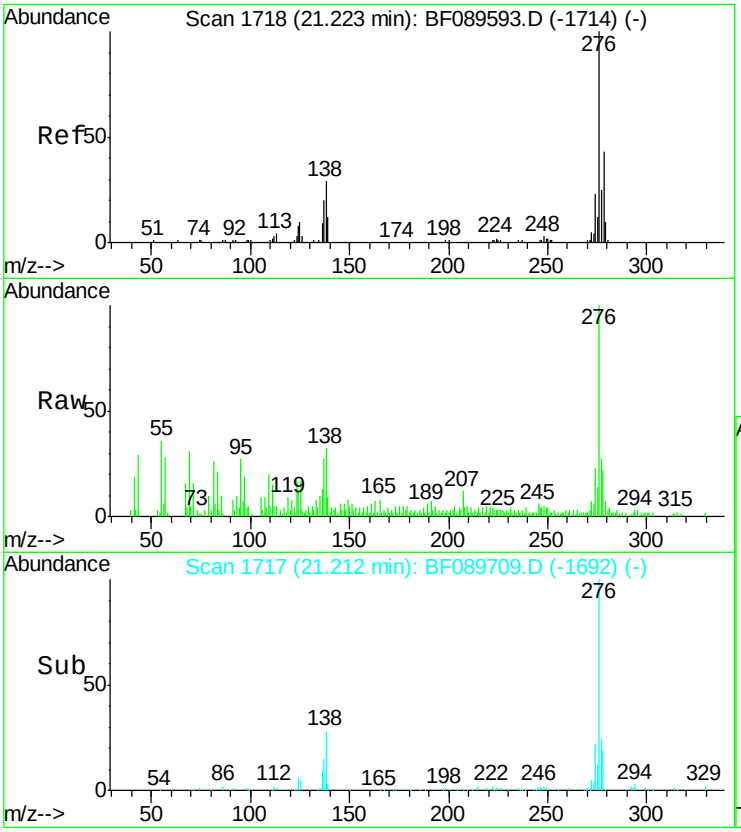


#82
Chrysene
Concen: 13.93 ng
RT: 18.39 min Scan# 1470
Delta R.T. -0.03 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:228 Resp: 89771

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	21.7	16.0	24.0



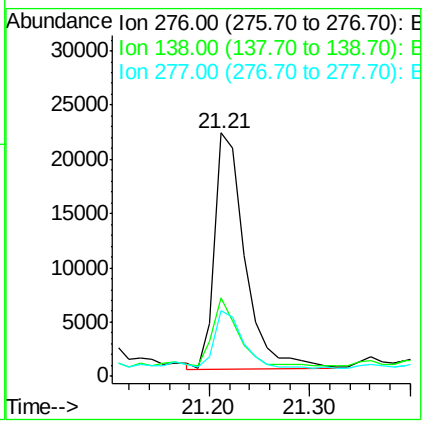


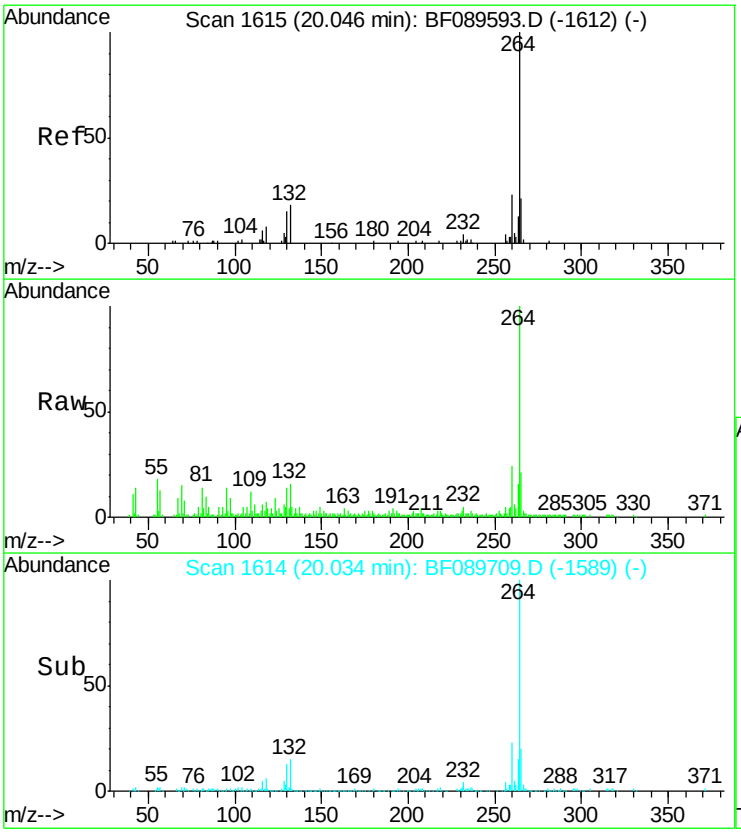
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.34 ng
RT: 21.21 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:276 Resp: 45689

Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.8	35.8
277	23.7	20.3	30.5

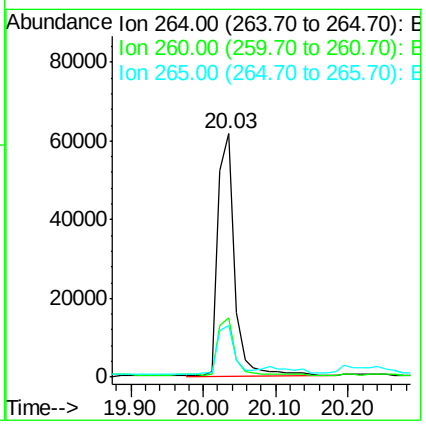


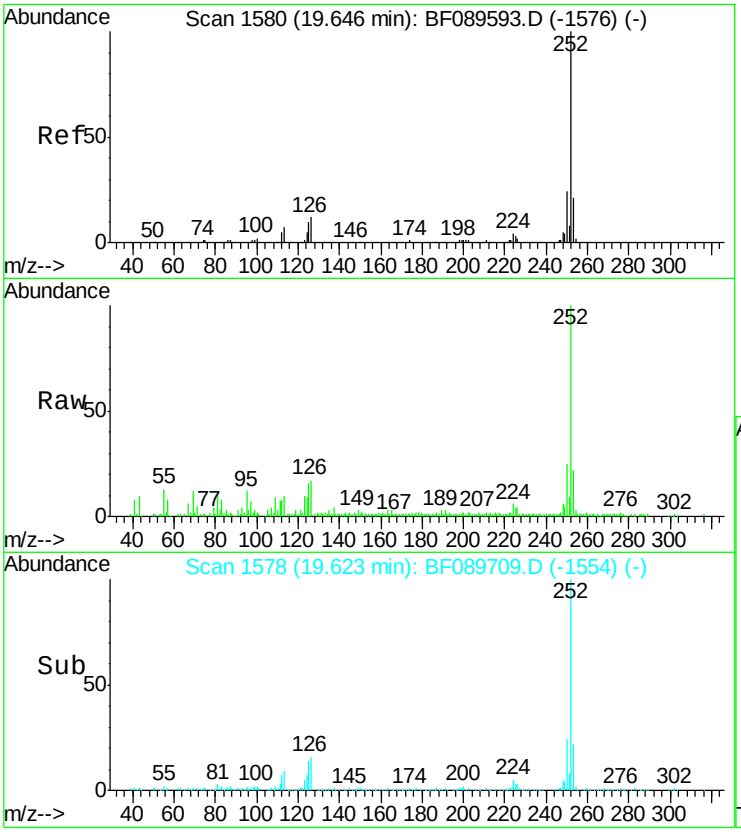


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.03 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:264 Resp: 99476

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.1	16.5	24.7



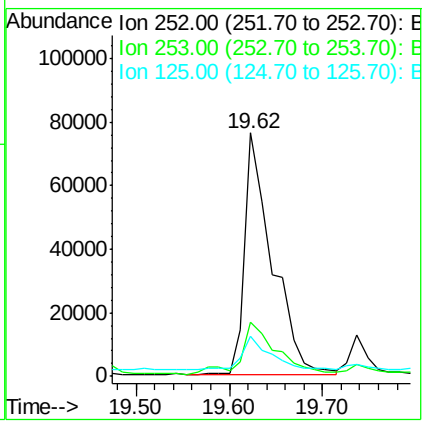


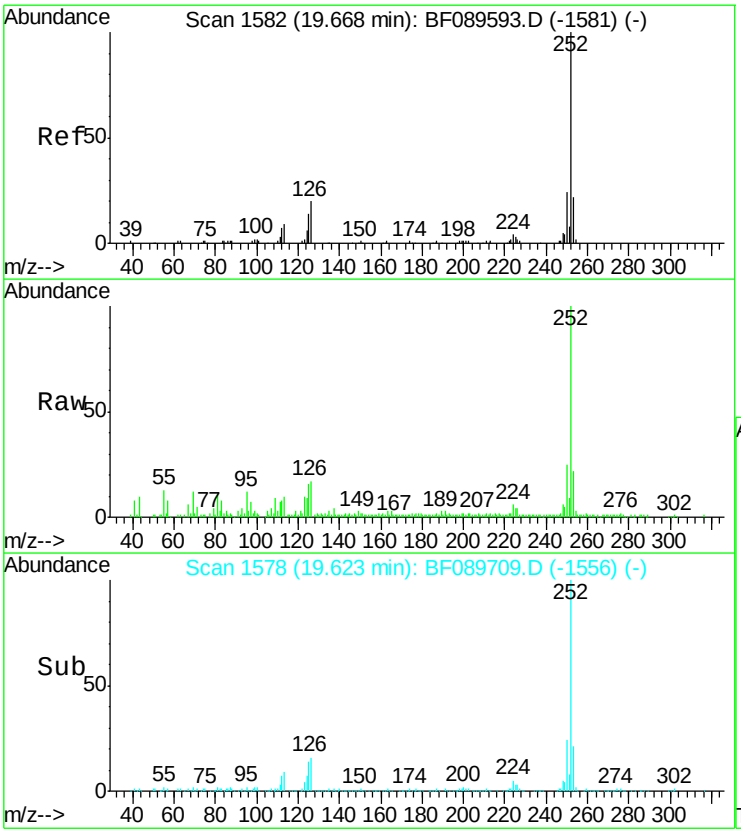
#87
Benzo(b)fluoranthene
Concen: 25.33 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:252 Resp: 154957

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	16.5	7.8	11.8#

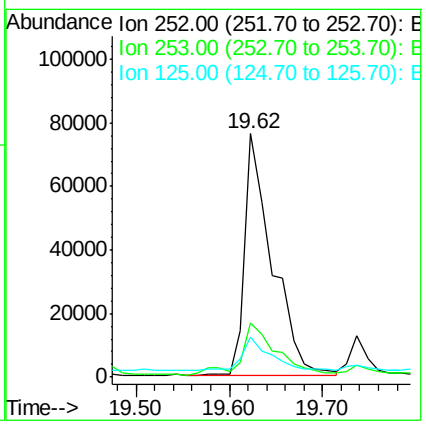


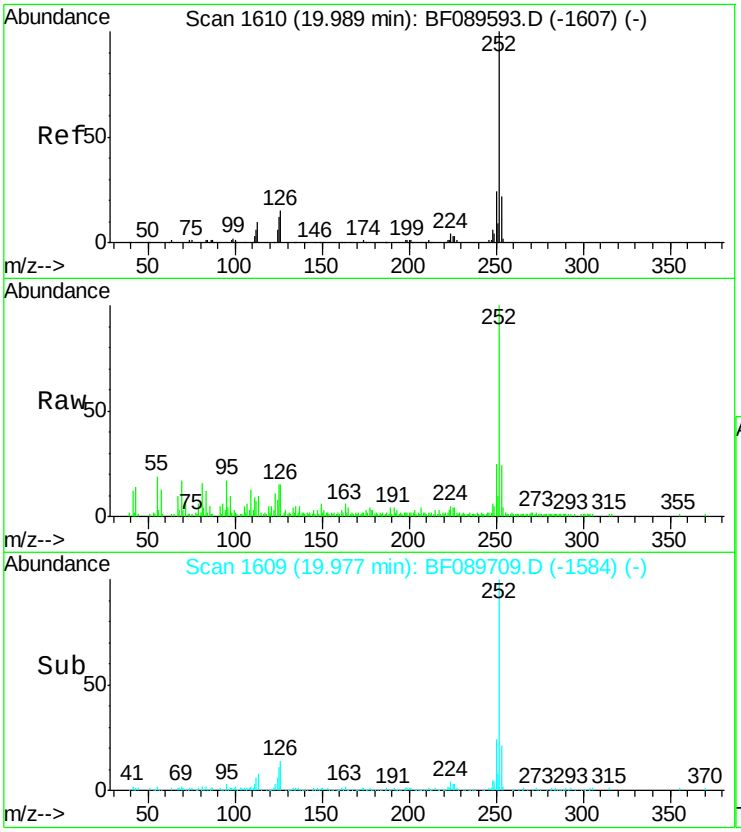


#88
Benzo(k)fluoranthene
Concen: 25.11 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.05 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:252 Resp: 154957

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	16.5	11.0	16.6



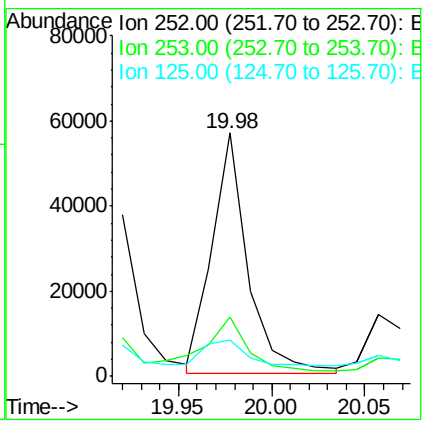


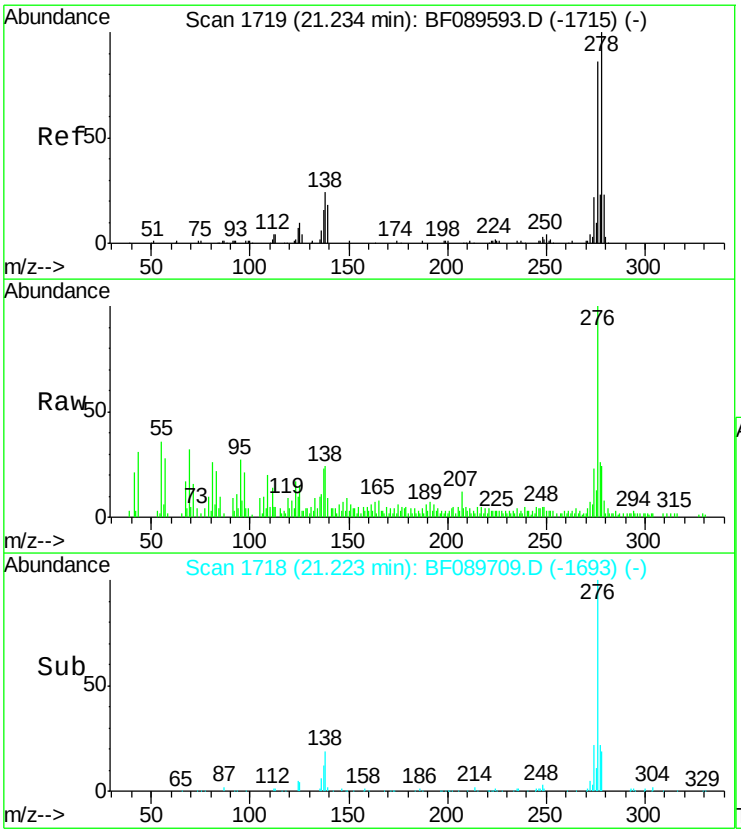
#89
Benzo(a)pyrene
Concen: 13.21 ng
RT: 19.98 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:252 Resp: 75660

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	14.8	9.9	14.9

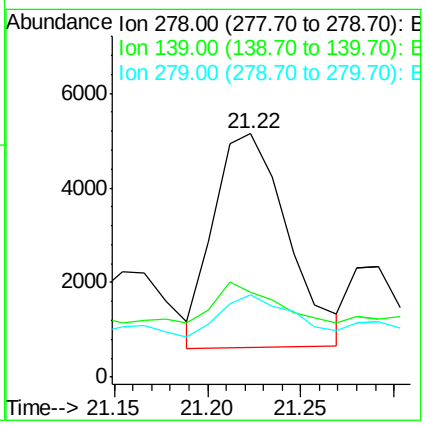


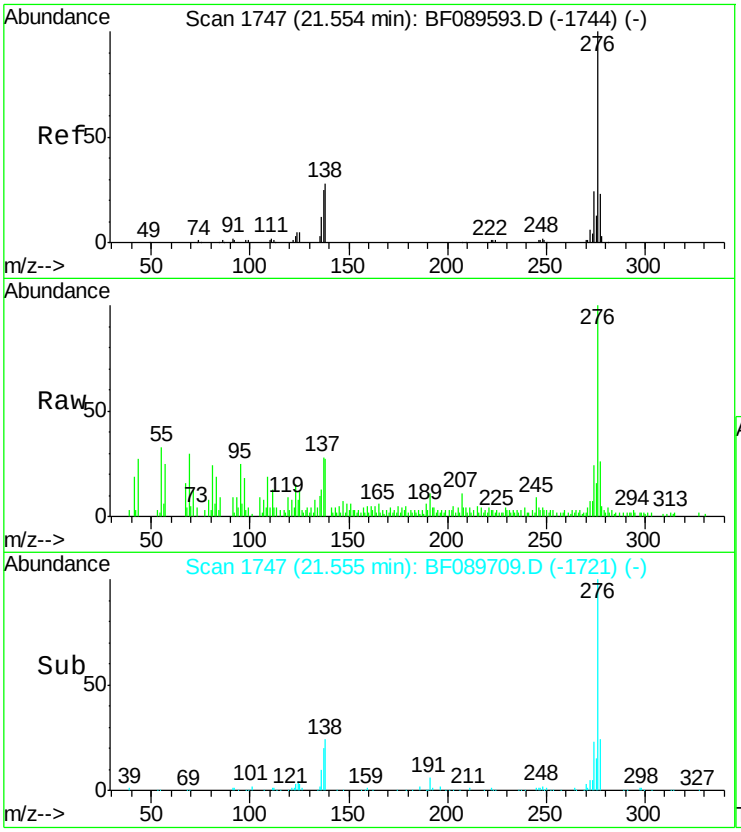


#90
Dibenzo(a,h)anthracene
Concen: 2.34 ng
RT: 21.22 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Tgt Ion:278 Resp: 12518

Ion	Ratio	Lower	Upper
278	100		
139	34.8	14.6	21.8#
279	34.0	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 7.96 ng
RT: 21.55 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BF089709.D
Acq: 10 Aug 2016 22:15

Instrument :
BNA_F
ClientSampleId :
DEL1(0-6)

Tgt Ion:276 Resp: 43601

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	26.5	22.6	33.8