Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089048.D
Acq On : 16 Jul 2016 11:36
Operator : UM/SJ
Sample : H3951-16 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 18 01:11:56 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	6.66	152	57707	20.00	ng		-0.05
21) Naphthalene-d8	7.94	136	208500	20.00	ng		-0.06
38) Acenaphthene-d10	9.70	164	100776	20.00	ng		-0.05
63) Phenanthrene-d10	11.18	188	166845	20.00	ng		-0.05
75) Chrysene-d12	13.82	240	109082	20.00	ng		-0.03
86) Perylene-d12	15.19	264	103085	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	56417	14.65	ng		-0.05
7) Phenol-d6	6.31	99	78698	15.82	ng		-0.05
23) Nitrobenzene-d5	7.22	82	50657	12.73	ng		-0.06
41) 2,4,6-Tribromophenol	10.49	330	9834	10.51	ng		-0.05
44) 2-Fluorobiphenyl	9.03	172	95227	14.93	ng		-0.05
78) Terphenyl-d14	12.77	244	57177	11.67	ng		-0.03
Target Compounds							Qvalue
25) Isophorone	7.22	82	46667	6.33	ng	#	65
49) Dimethylphthalate	9.43	163	22489	3.13	ng		99
50) 2,6-Dinitrotoluene	9.70	165	12887	8.10	ng	#	37
56) 2,4-Dinitrotoluene	9.70	165	12887	6.19	ng	#	36
70) Phenanthrene	11.20	178	43665	4.79	ng		98
74) Fluoranthene	12.39	202	68157	7.37	ng		94
77) Pyrene	12.62	202	60566	6.55	ng		97
79) Butylbenzylphthalate	13.25	149	55797	13.52	ng	#	66
80) Benzo(a)anthracene	13.81	228	32947	4.69	ng		96
82) Chrysene	13.81	228	32947	4.74	ng		95
83) Bis(2-ethylhexyl)phthalate	13.82	149	41011	8.71	ng	#	97
84) Di-n-octyl phthalate	14.45	149	34226	4.28	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	30089	5.63	ng	#	100
87) Benzo(b)fluoranthene	14.81	252	63339	9.79	ng	#	84
88) Benzo(k)fluoranthene	14.81	252	63339	11.25	ng	#	89
89) Benzo(a)pyrene	15.13	252	33922	6.20	ng	#	89
90) Dibenzo(a,h)anthracene	16.46	278	10418	2.28	ng	#	69
91) Benzo(g,h,i)perylene	16.85	276	34193	7.23	ng		95

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Jul 2016 11:36
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Jul 18 01:11:56 2016
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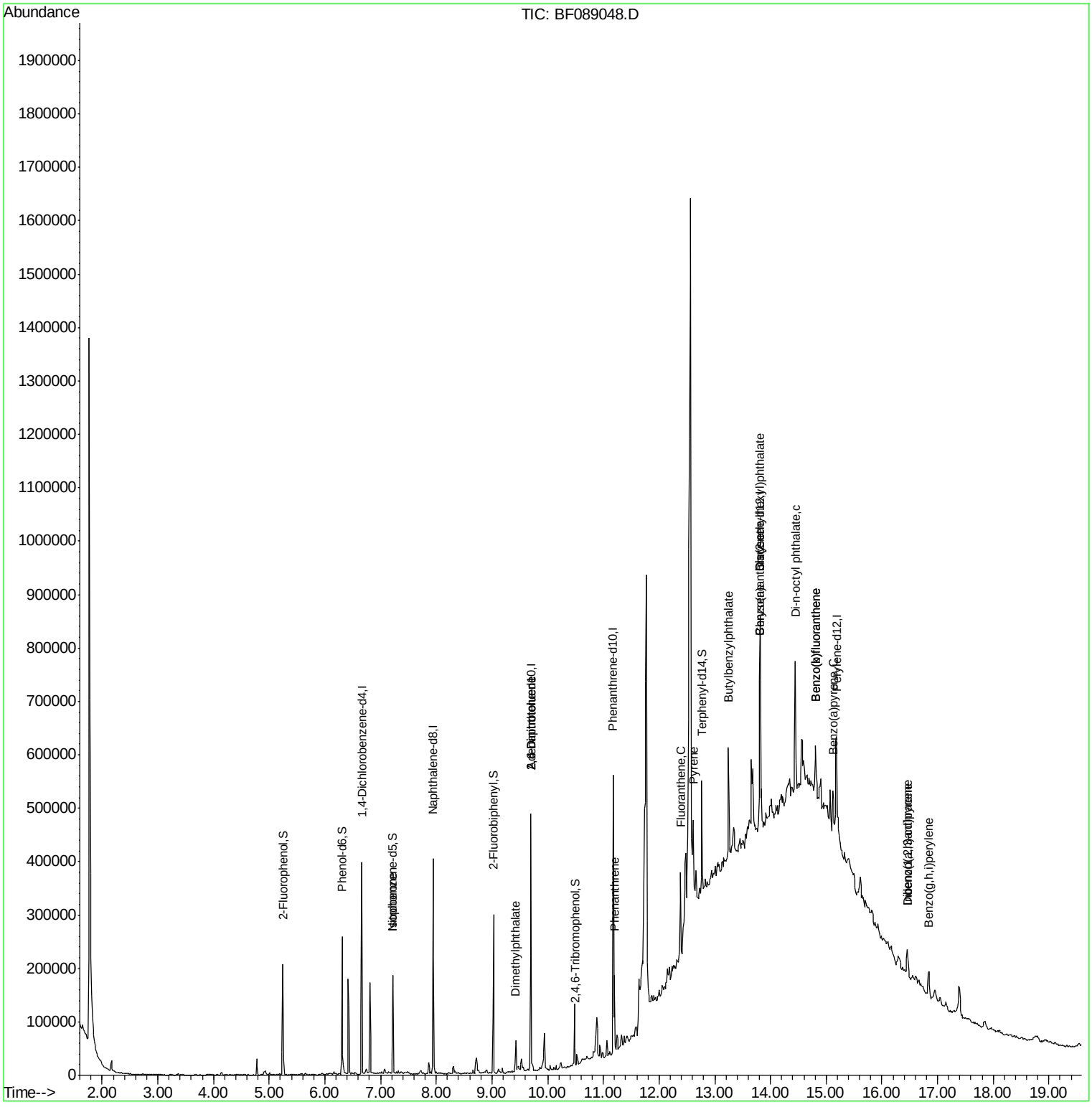
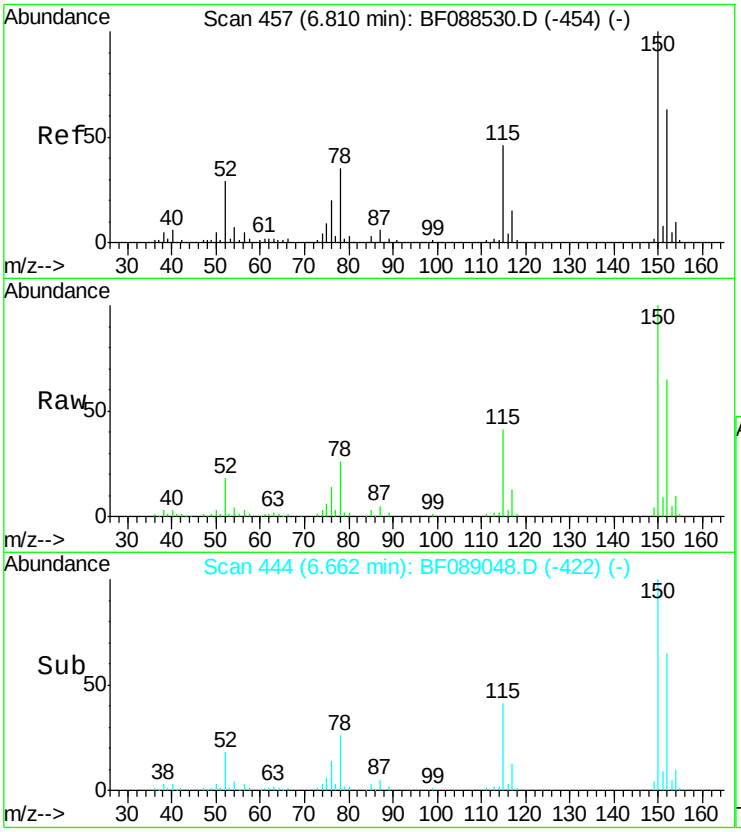


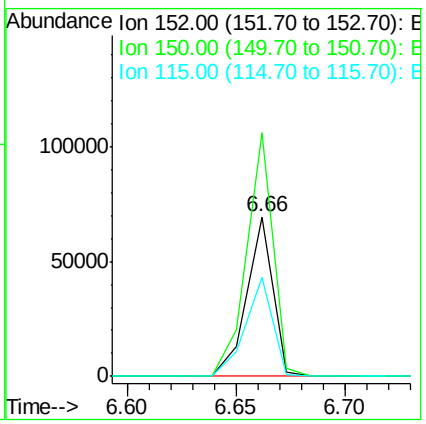


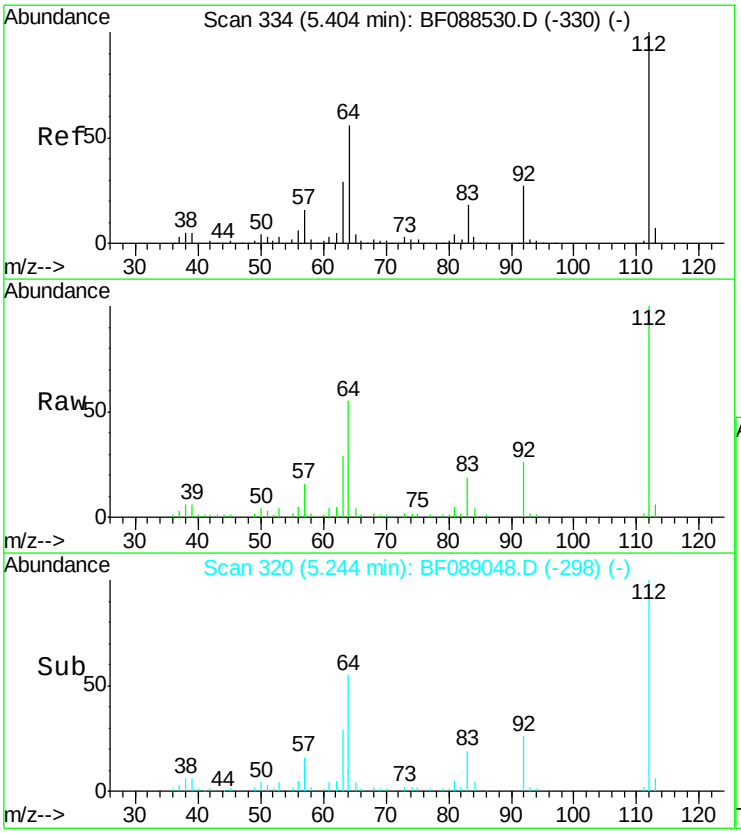
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57707

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.8	185.6
115	62.5	39.6	59.4#

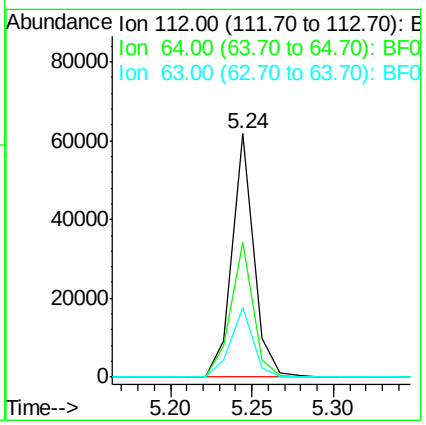


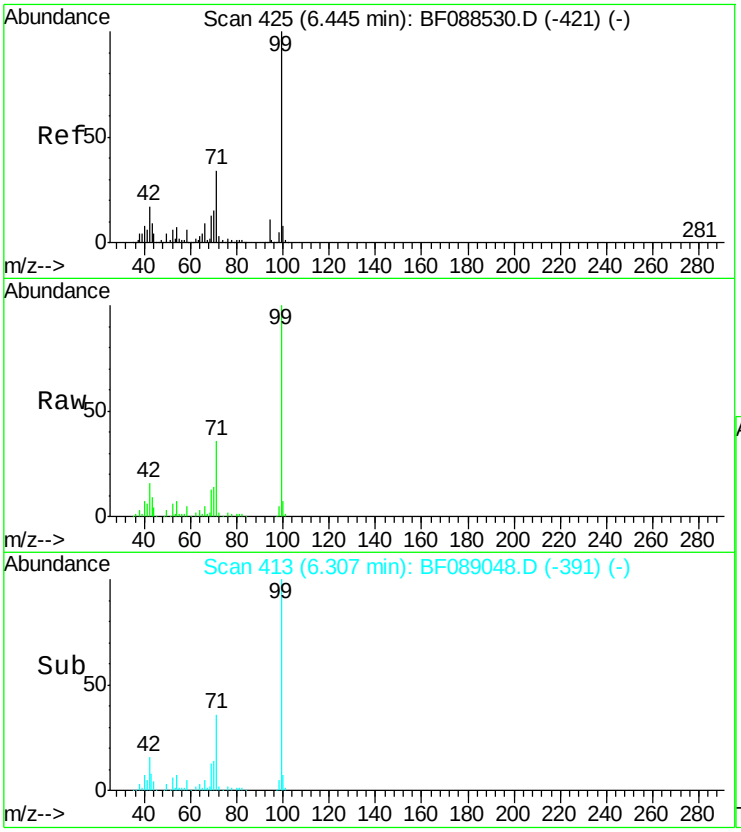


#5
2-Fluorophenol
Concen: 14.65 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:112 Resp: 56417

Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.2	63.2
63	28.6	21.8	32.8



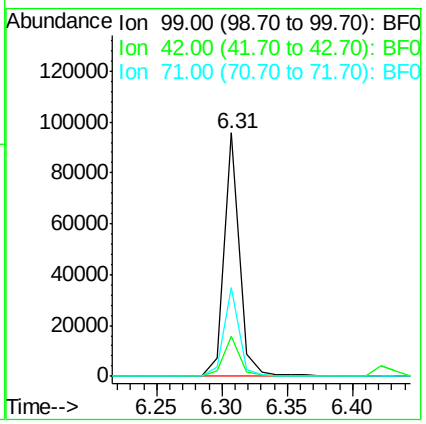


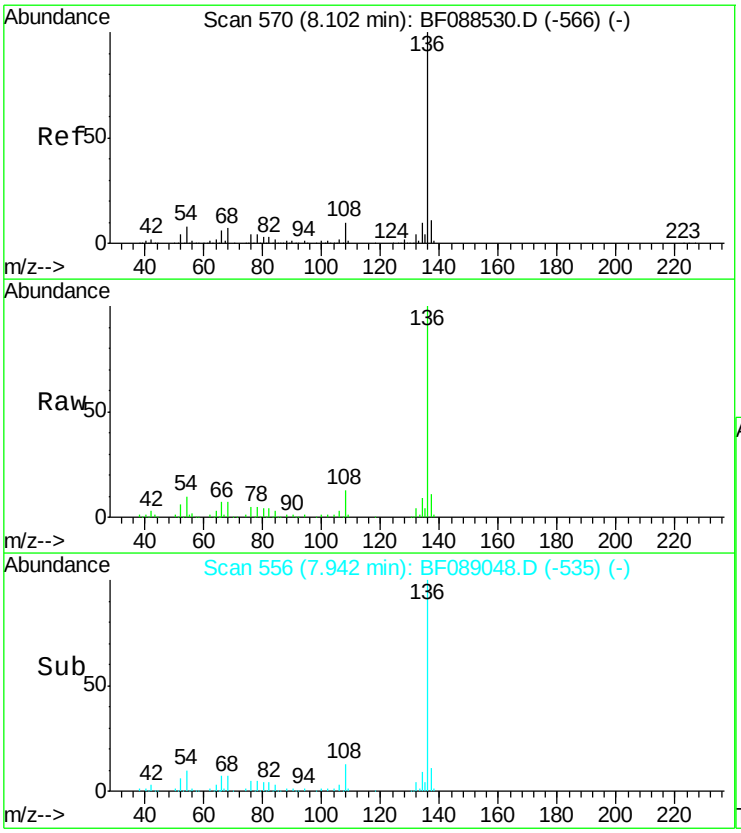
#7
Phenol-d6
Concen: 15.82 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 78698

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.2	18.2
71	36.5	23.4	35.0#

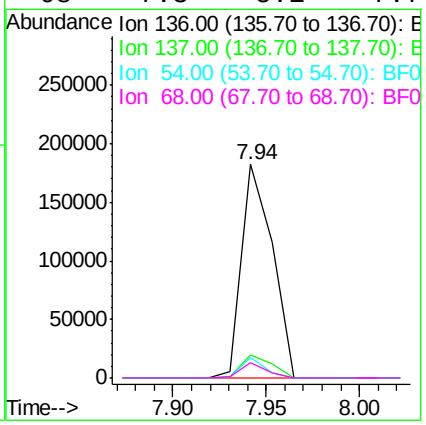


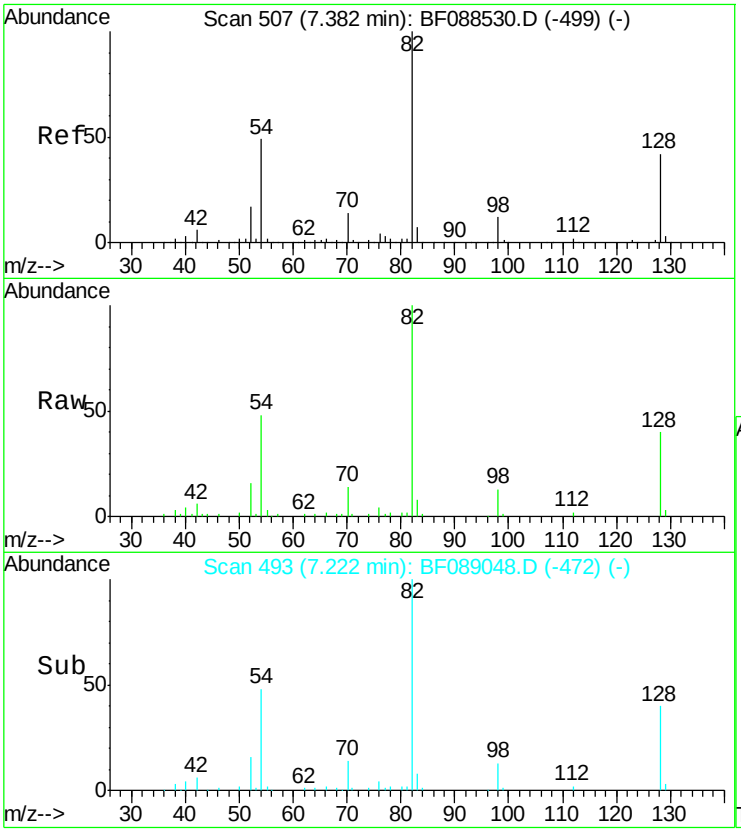


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:136 Resp: 208500

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.6	6.6	10.0
68	7.3	5.1	7.7



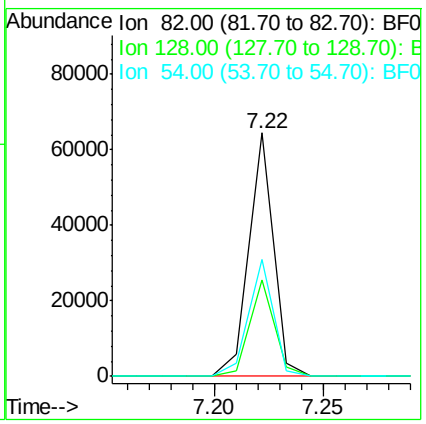


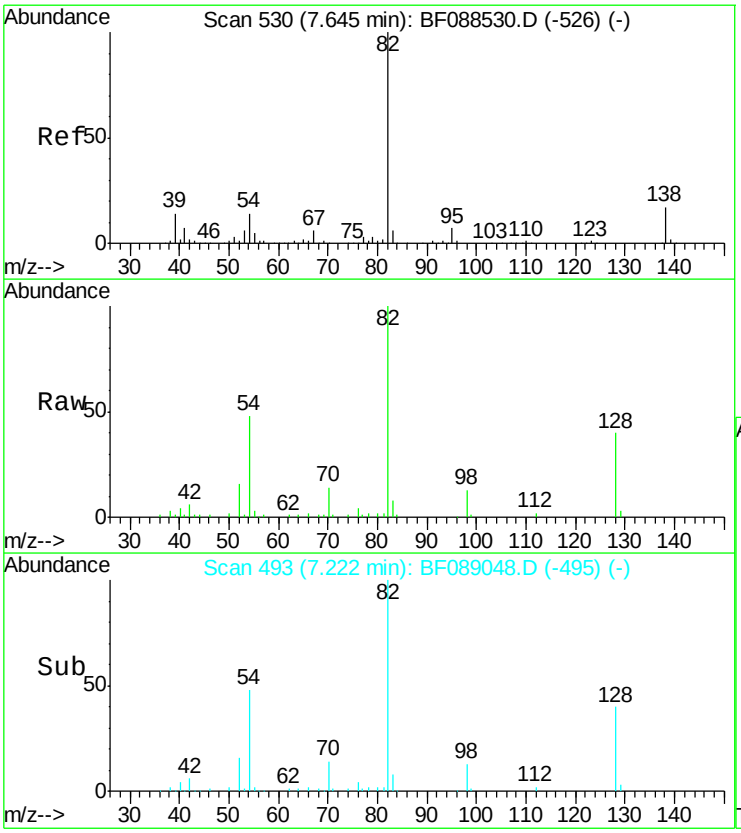
#23
Nitrobenzene-d5
Concen: 12.73 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.06 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 50657

Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.9	53.9
54	48.1	40.9	61.3

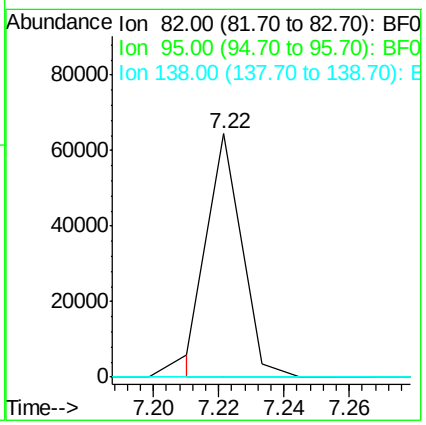


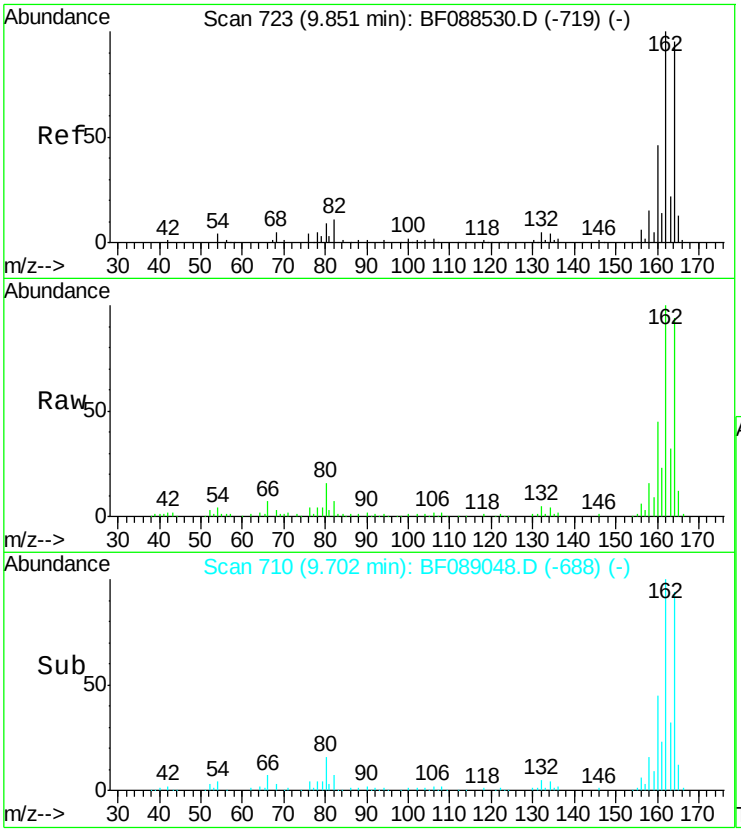


#25
Isophorone
Concen: 6.33 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.32 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion: 82 Resp: 46667

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



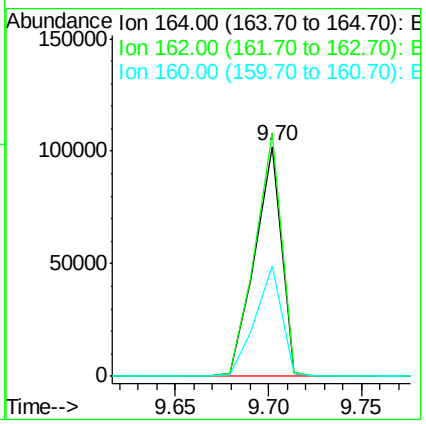


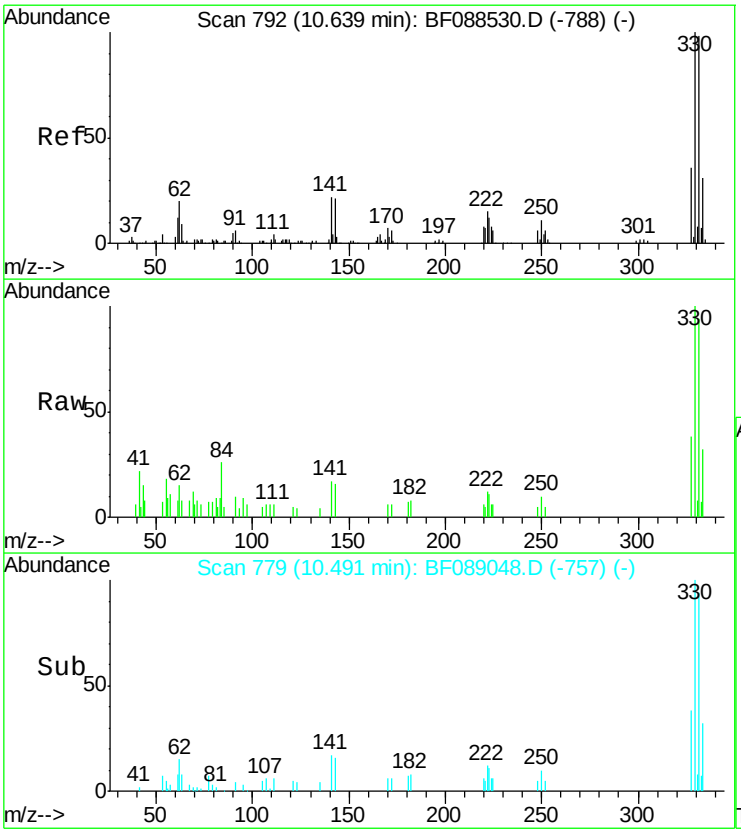
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 100776

Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.4	128.2
160	48.1	39.5	59.3

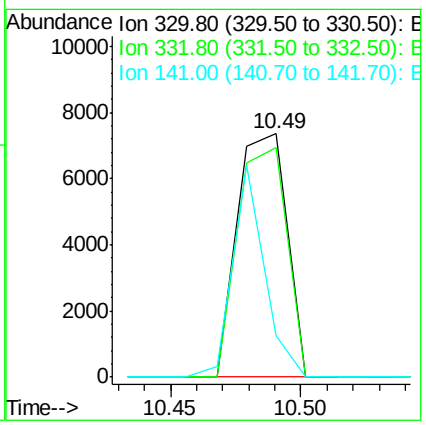


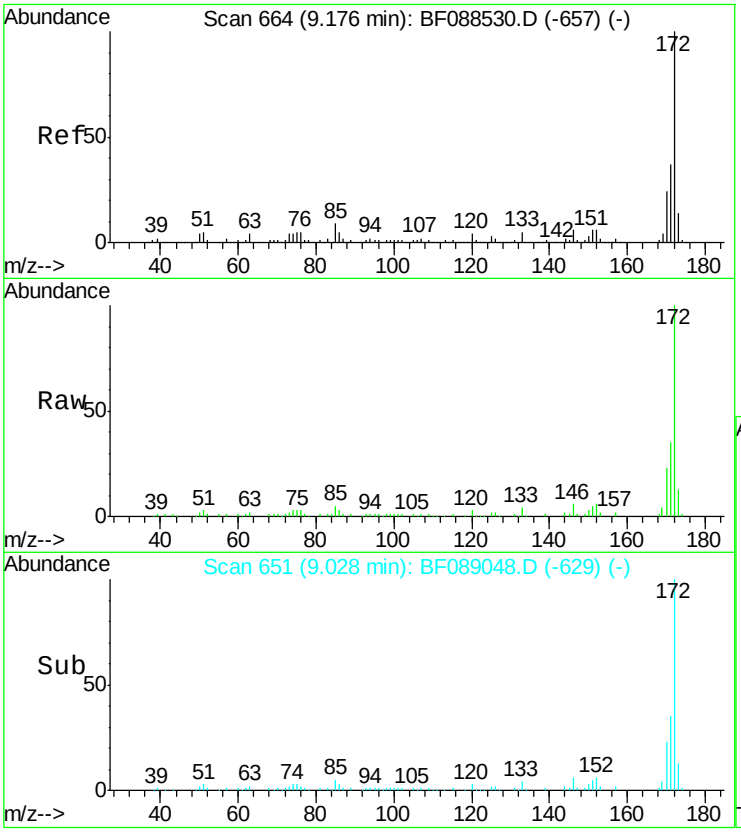


#41
2,4,6-Tribromophenol
Concen: 10.51 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:330 Resp: 9834

Ion	Ratio	Lower	Upper
330	100		
332	93.5	0.0	0.0#
141	55.6	0.0	0.0#



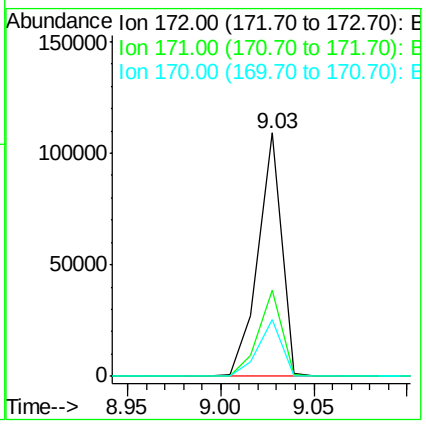


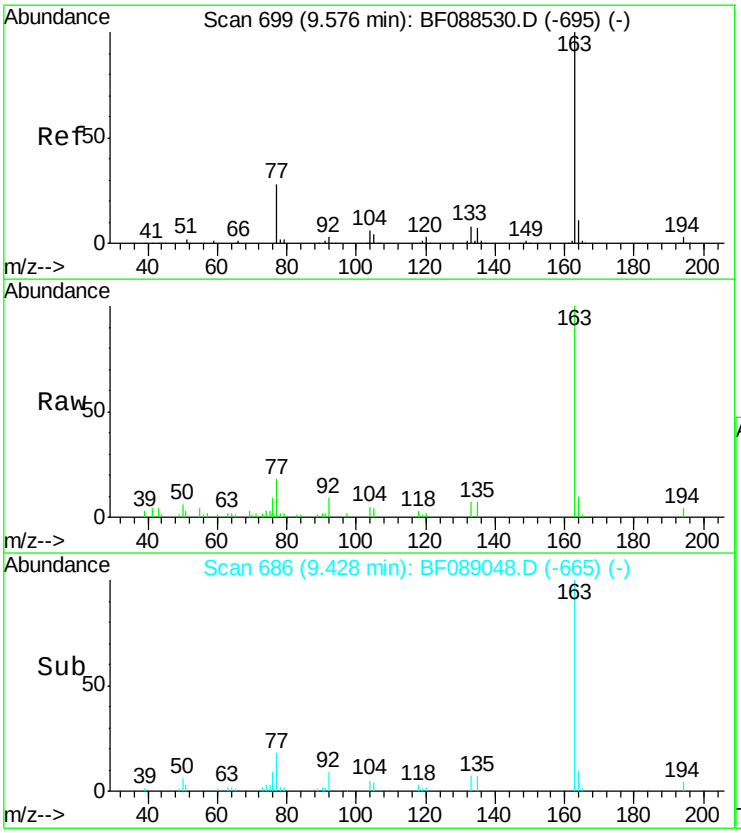
#44
2-Fluorobiphenyl
Concen: 14.93 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 95227

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.2	19.2	28.8

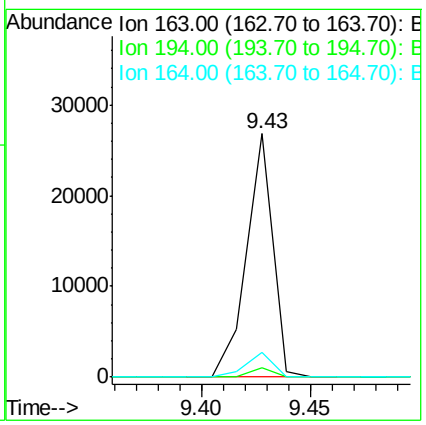


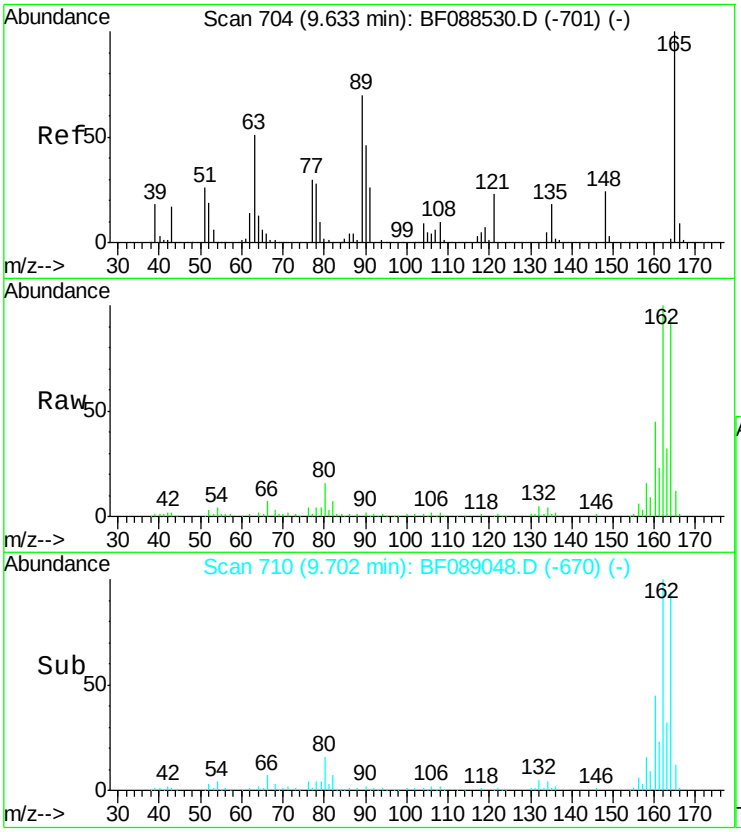


#49
Dimethylphthalate
Concen: 3.13 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:163 Resp: 22489

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



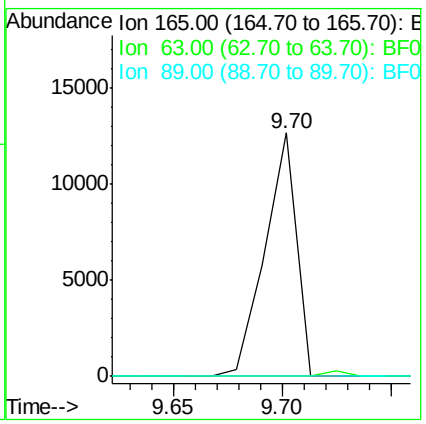


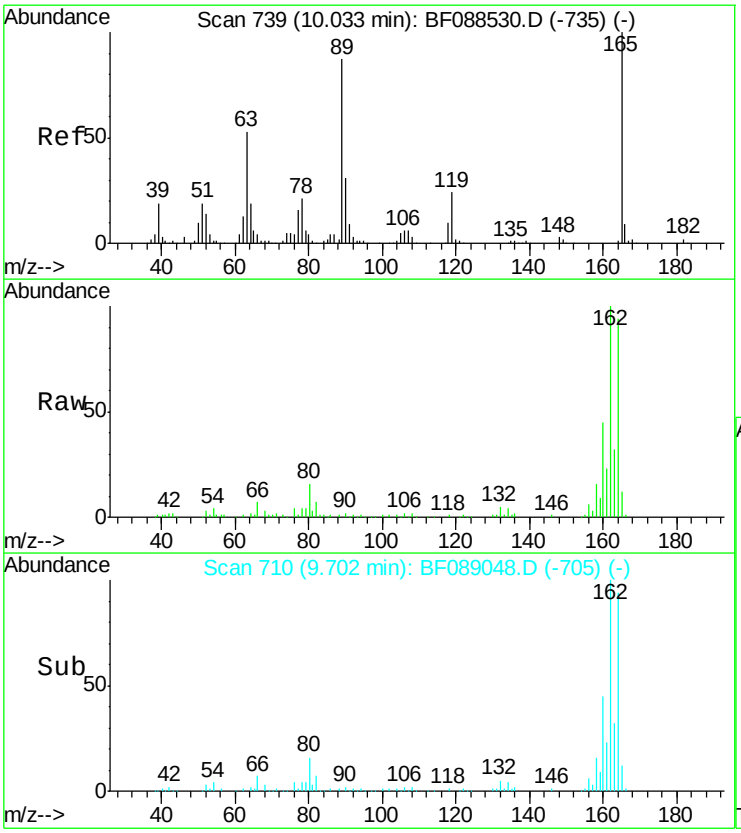
#50
2,6-Dinitrotoluene
Concen: 8.10 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.16 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12887

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

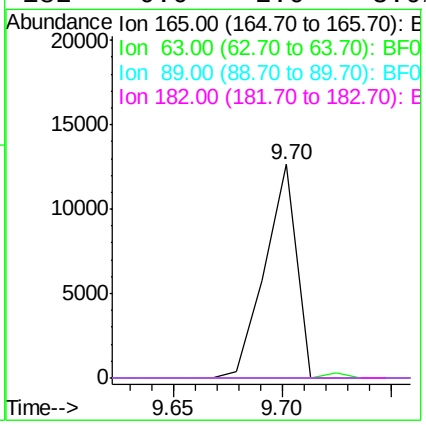


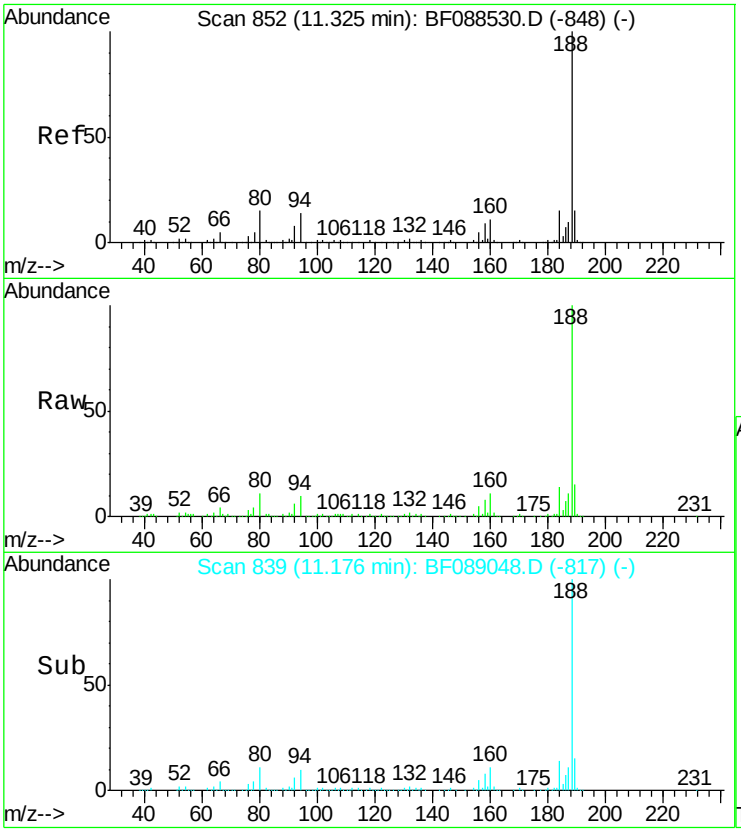


#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.24 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:165 Resp: 12887

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#



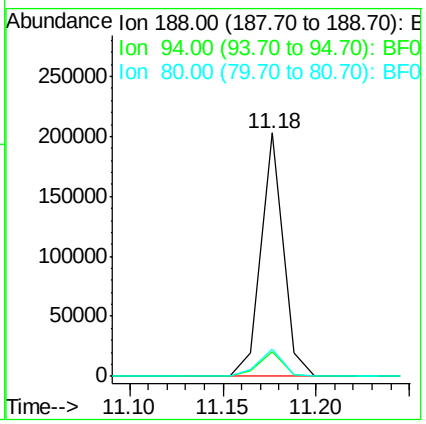


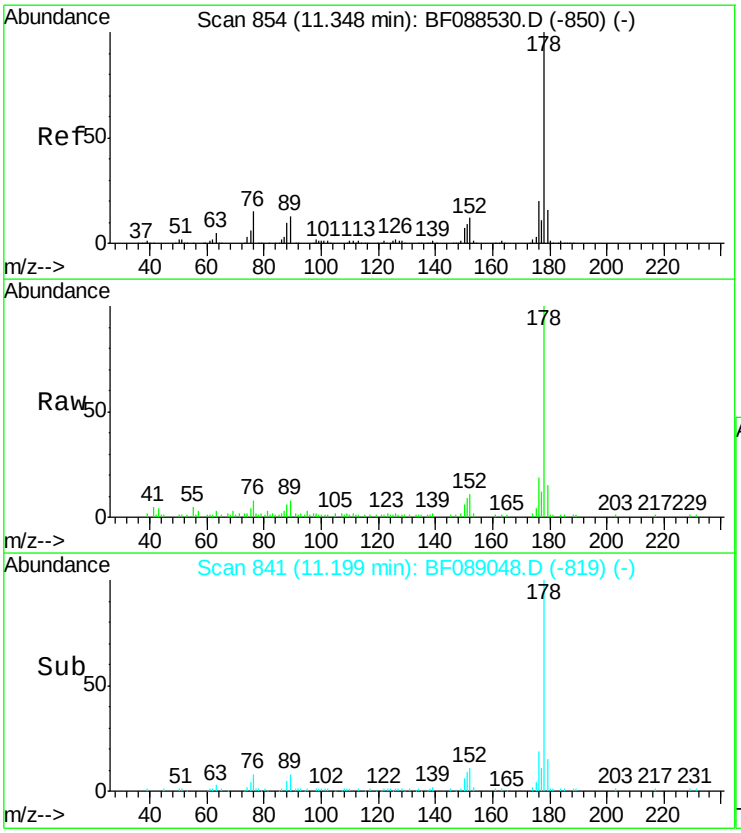
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 166845

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.6
80	11.3	10.0	15.0

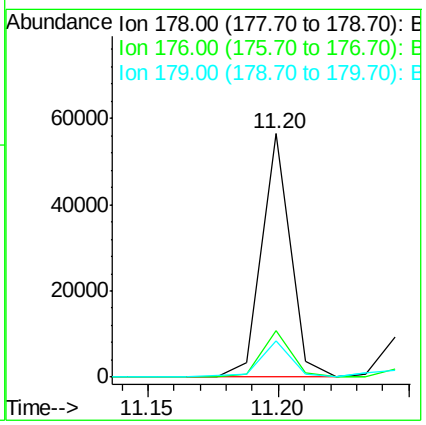


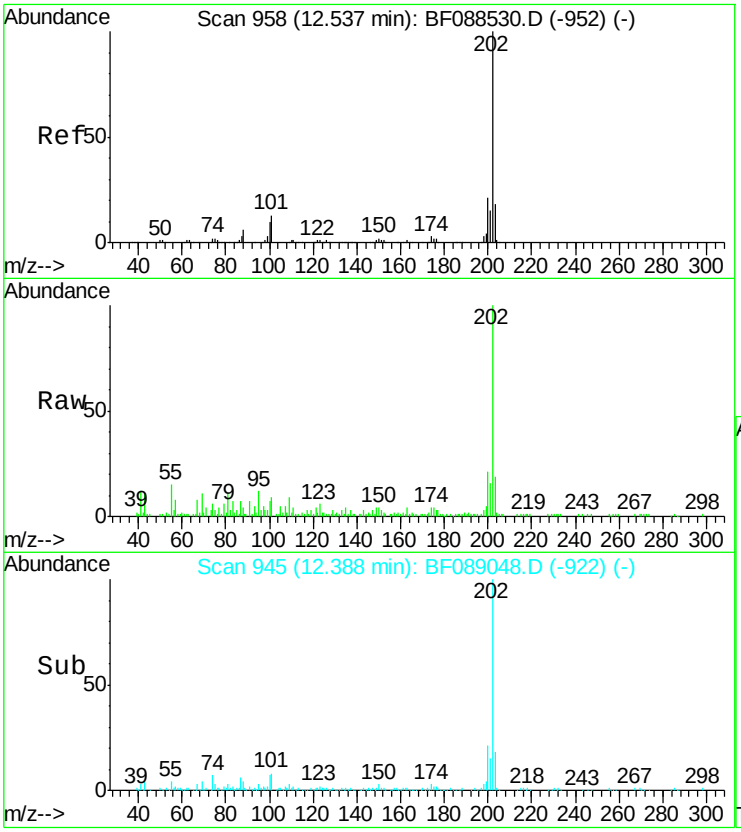


#70
Phenanthrene
Concen: 4.79 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:178 Resp: 43665

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	14.9	13.0	19.4



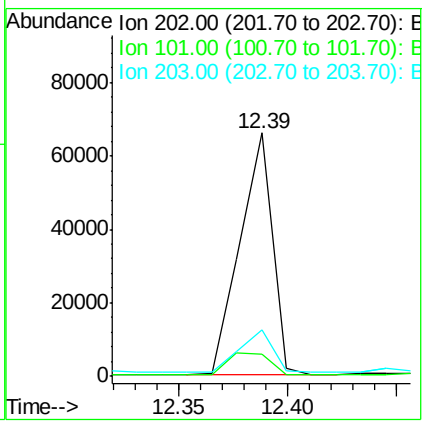


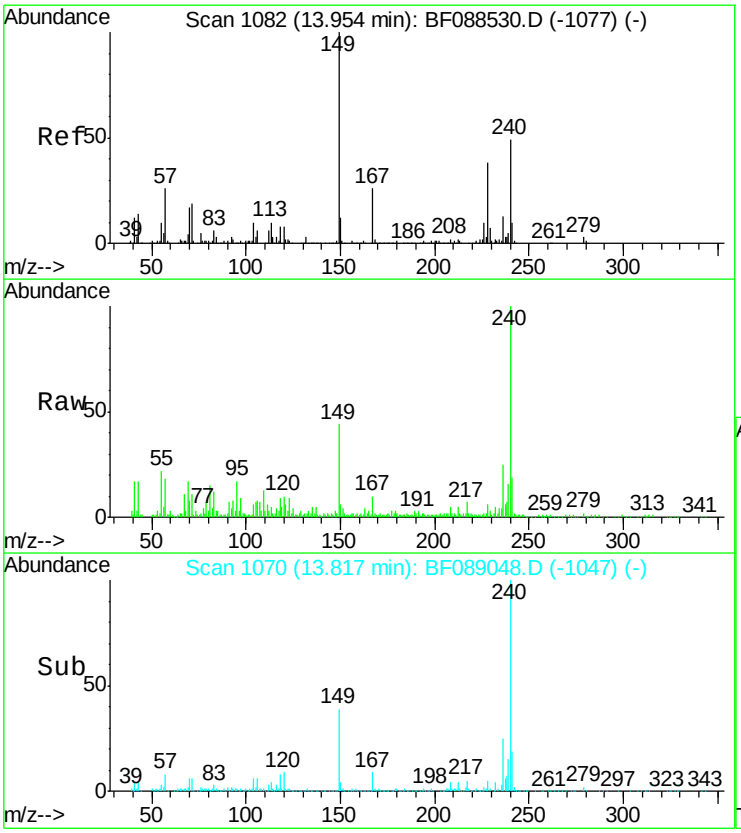
#74
Fluoranthene
Concen: 7.37 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 68157

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	33.1
203	19.1	0.0	38.1

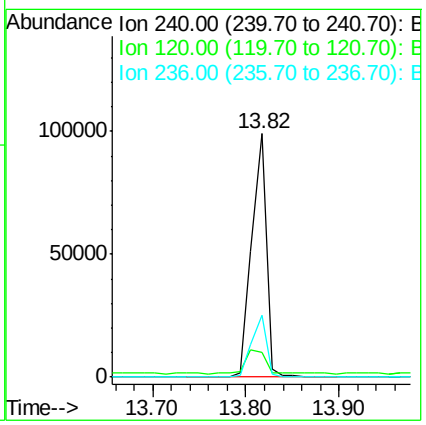


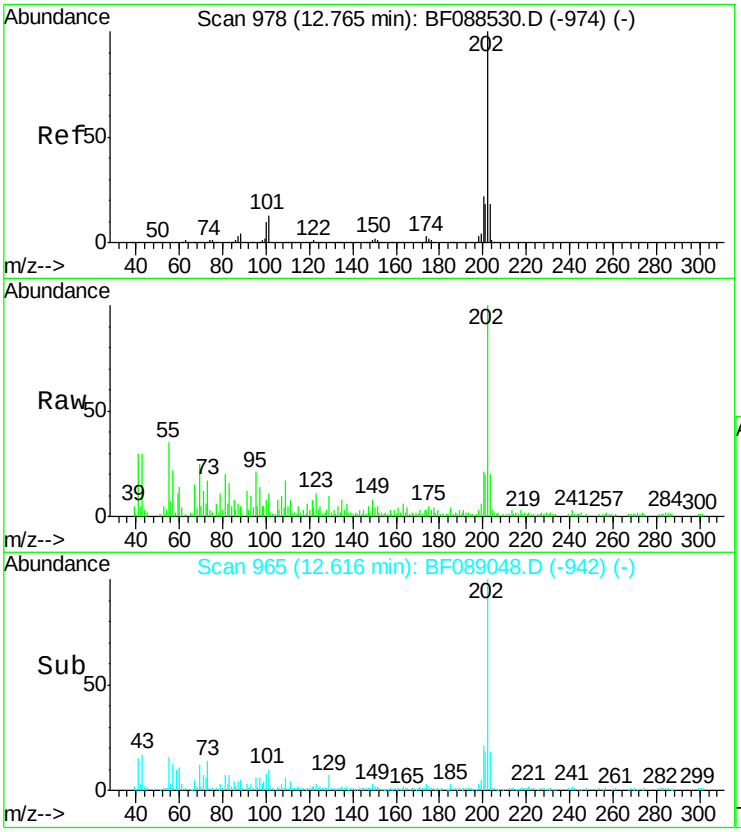


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:240 Resp: 109082

Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.8	10.2#
236	25.5	20.2	30.2



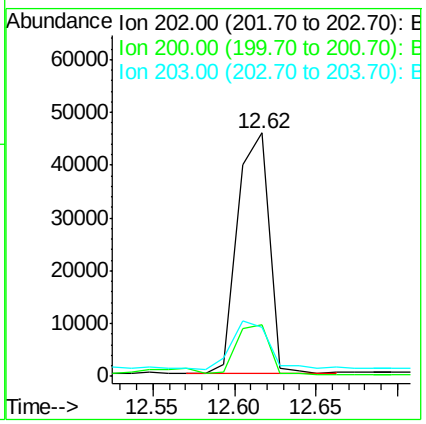


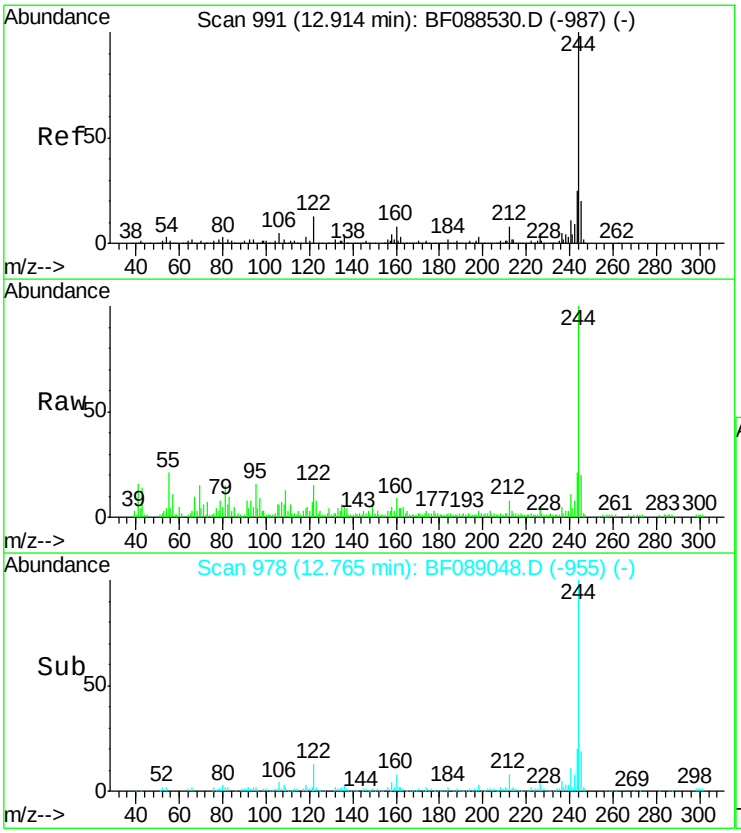
#77
Pyrene
Concen: 6.55 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 60566

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	20.3	14.5	21.7

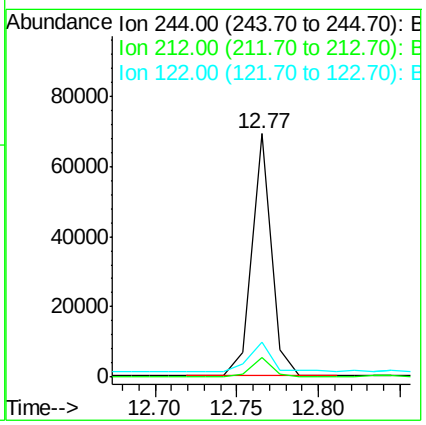


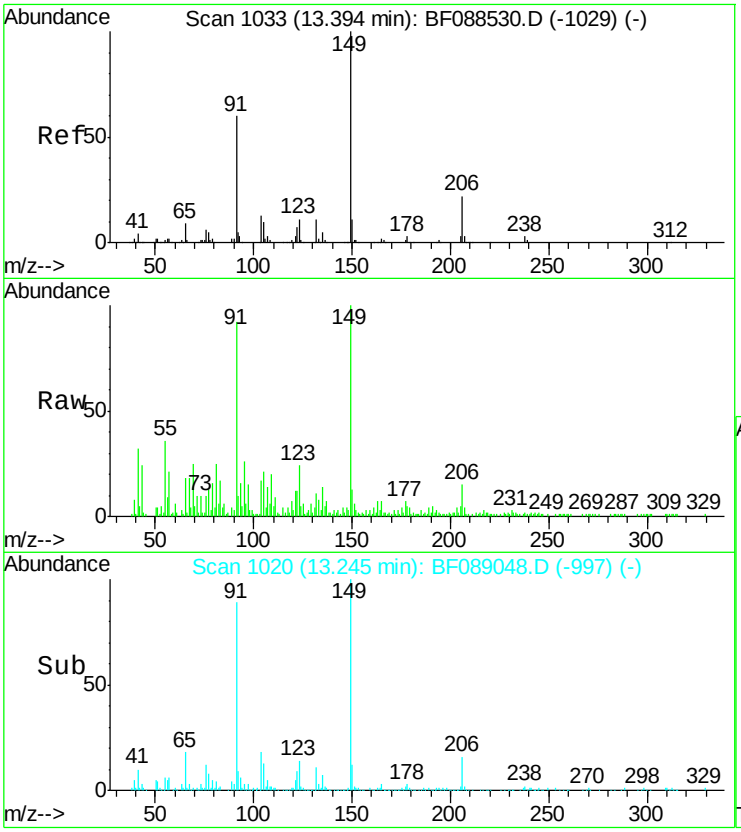


#78
Terphenyl-d14
Concen: 11.67 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:244 Resp: 57177

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	14.5	11.2	16.8



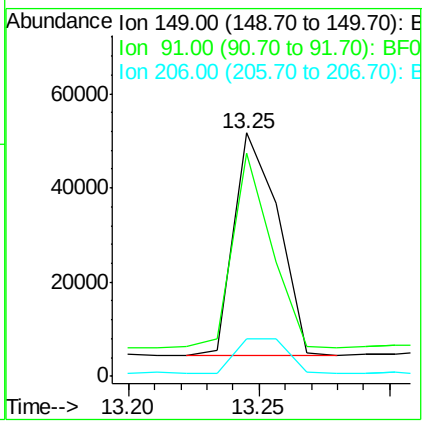


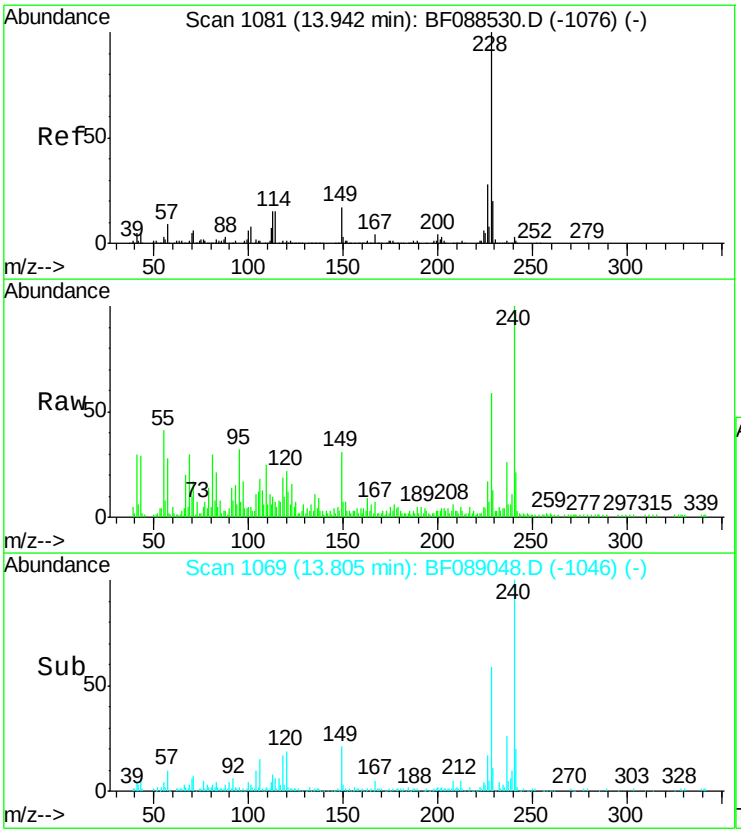
#79
Butylbenzylphthalate
Concen: 13.52 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 55797

Ion	Ratio	Lower	Upper
149	100		
91	91.8	48.0	72.0#
206	15.4	16.0	24.0#

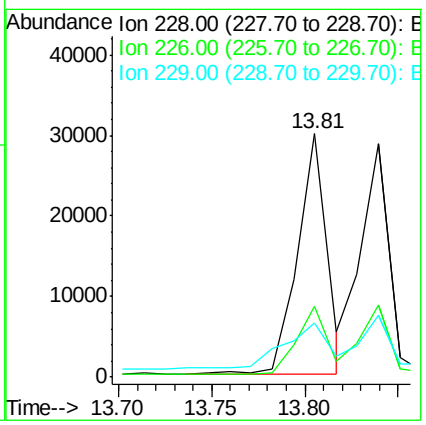


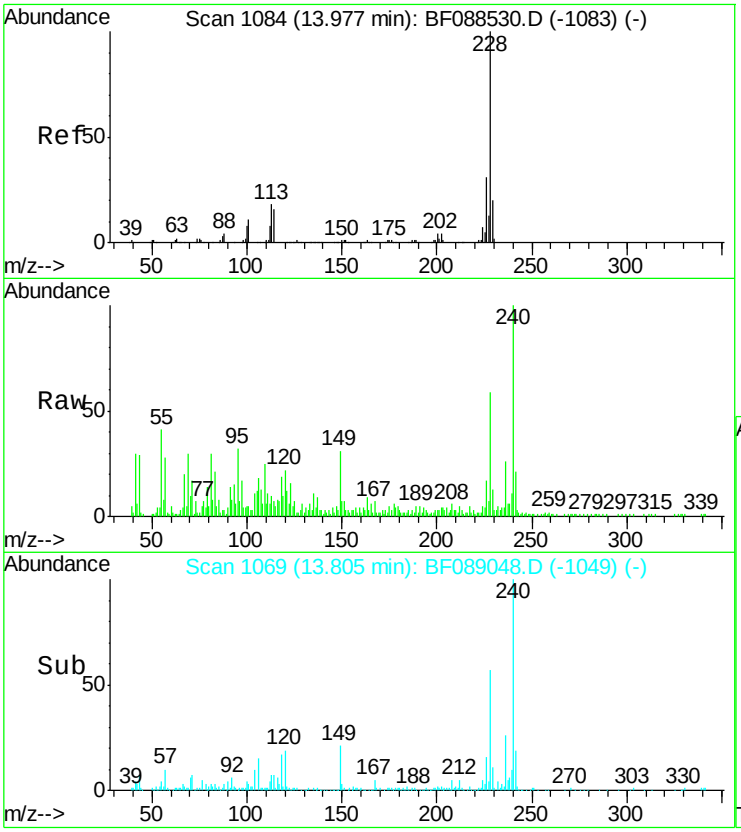


#80
Benzo(a)anthracene
Concen: 4.69 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:228 Resp: 32947

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.3	33.5
229	22.4	16.0	24.0



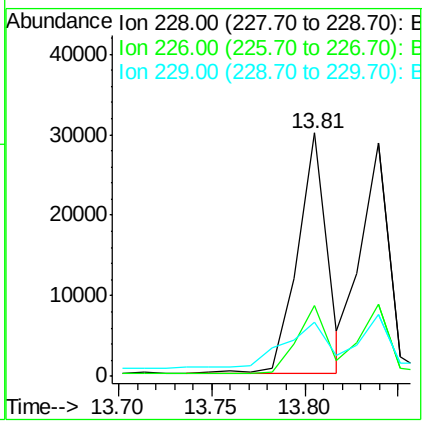


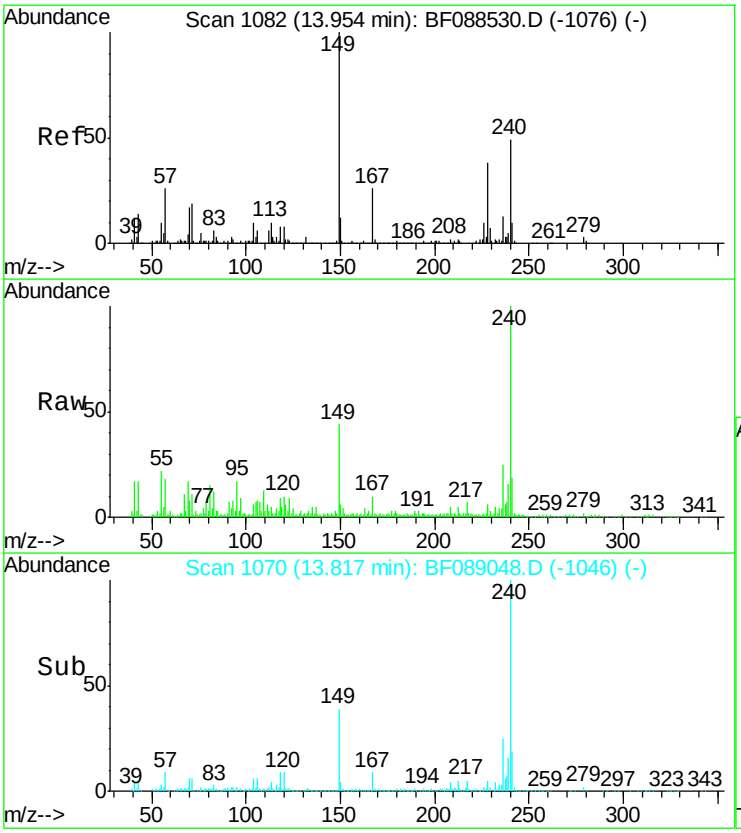
#82
Chrysene
Concen: 4.74 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.07 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 32947

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.4	38.2
229	22.4	16.3	24.5

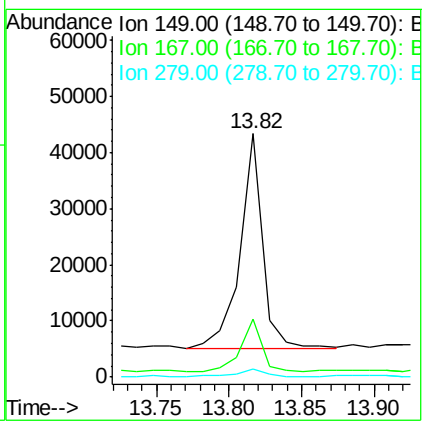


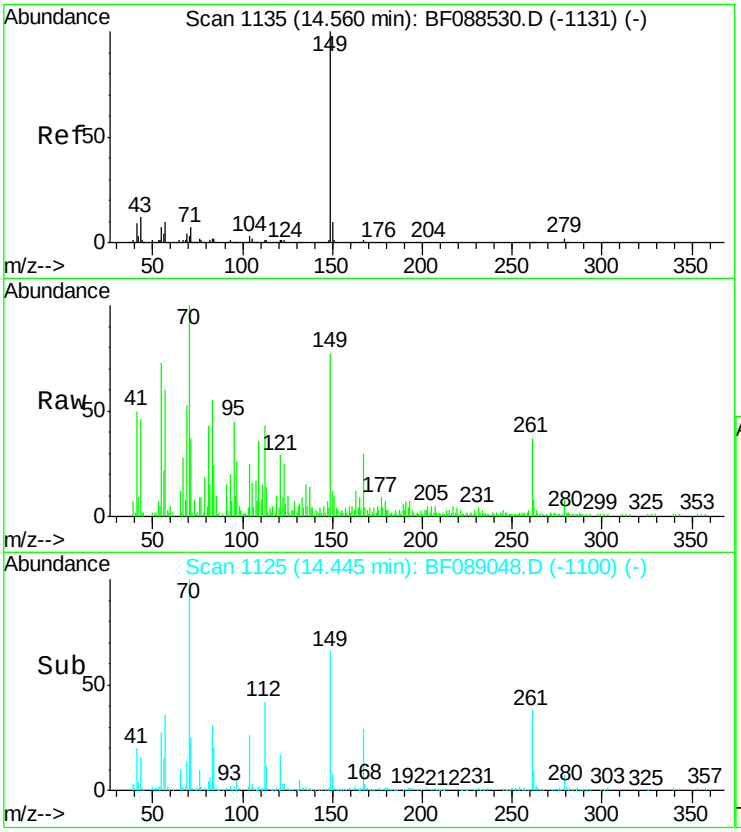


#83
Bis(2-ethylhexyl)phthalate
Concen: 8.71 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:149 Resp: 41011

Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.5	30.7
279	3.5	2.0	3.0#



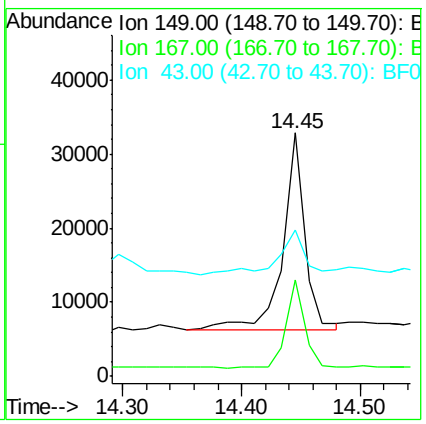


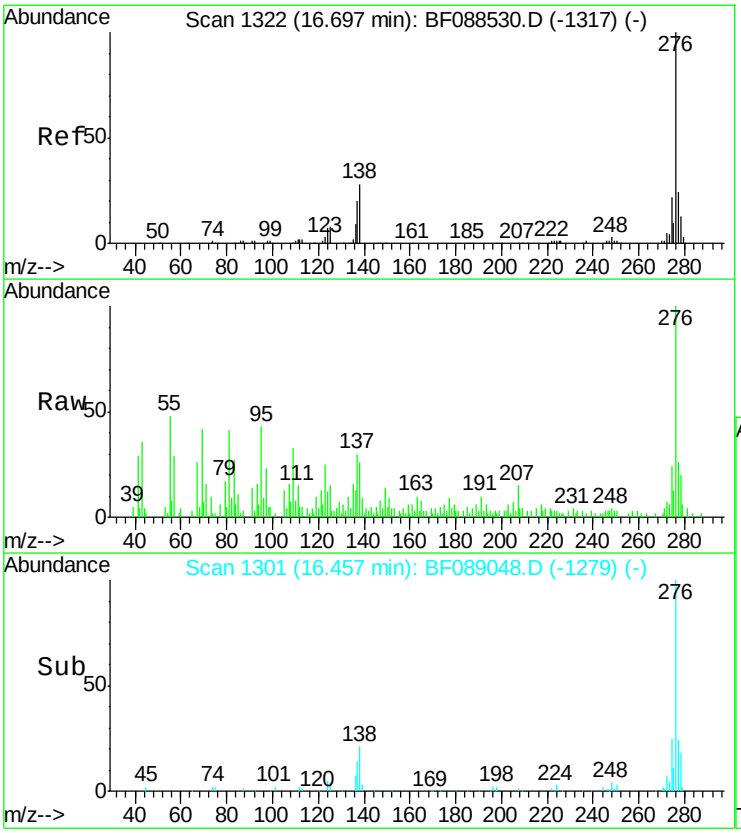
#84
Di-n-octyl phthalate
Concen: 4.28 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 34226

Ion	Ratio	Lower	Upper
149	100		
167	39.0	0.0	0.0#
43	27.7	0.0	0.0#

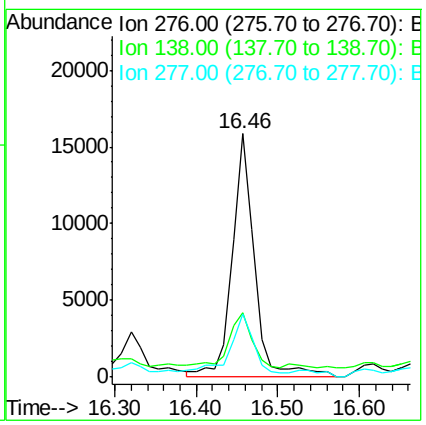


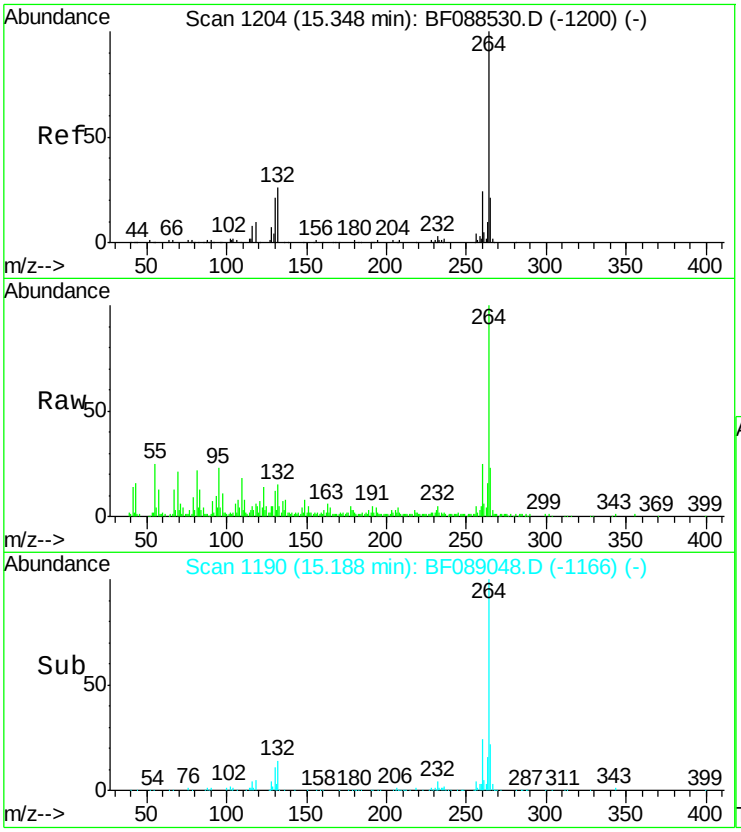


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.63 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:276 Resp: 30089

Ion	Ratio	Lower	Upper
276	100		
138	23.5	0.0	0.0#
277	28.7	0.0	0.0#



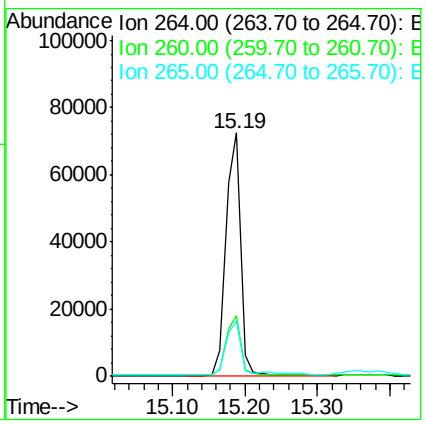


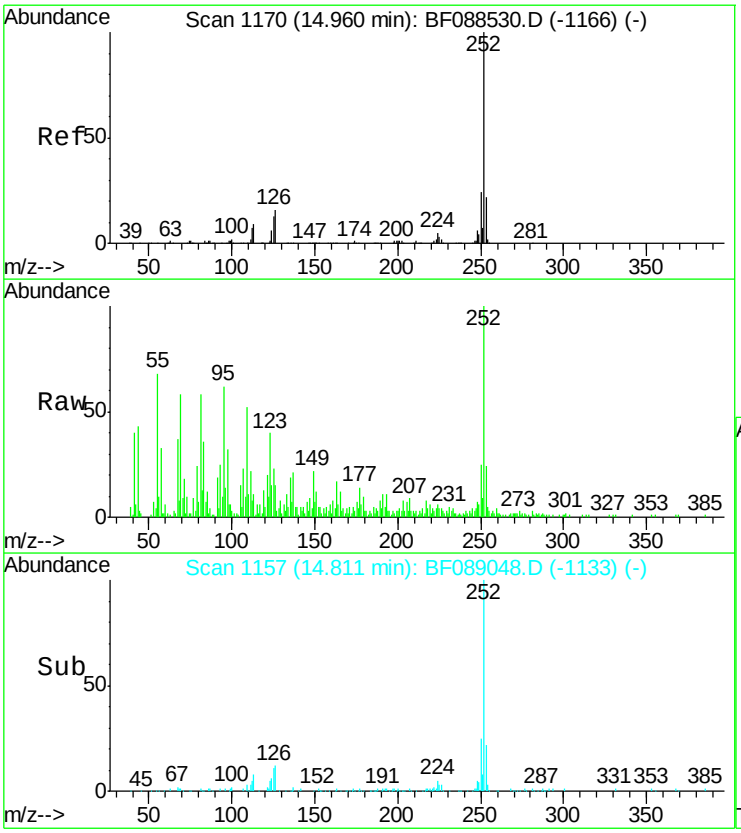
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 103085

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.7	16.9	25.3

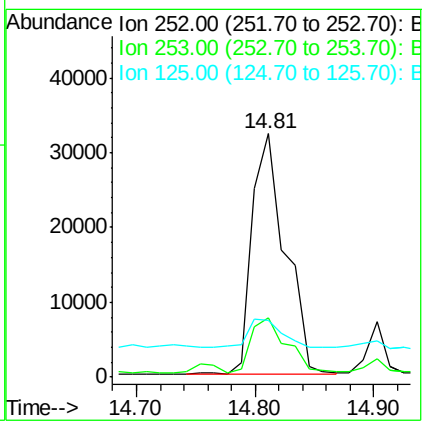


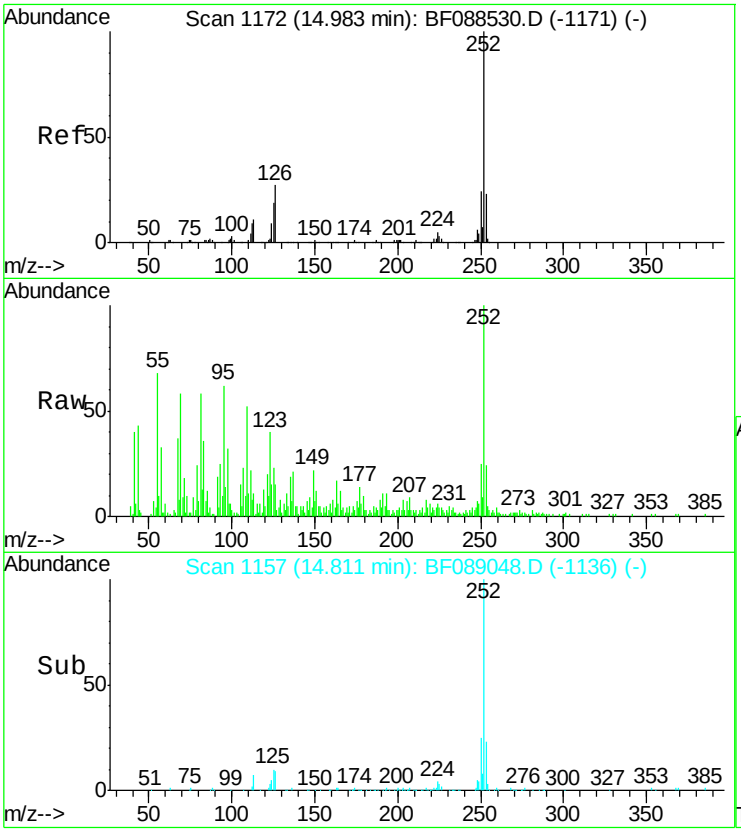


#87
Benzo(b)fluoranthene
Concen: 9.79 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:252 Resp: 63339

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	23.3	7.1	10.7#



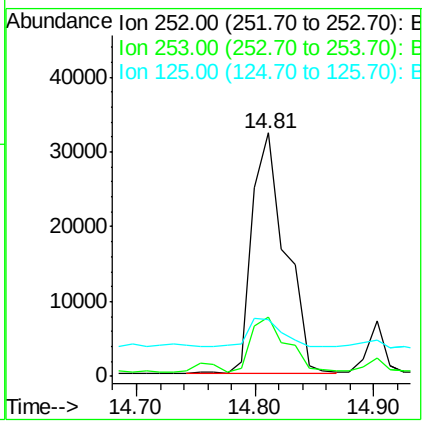


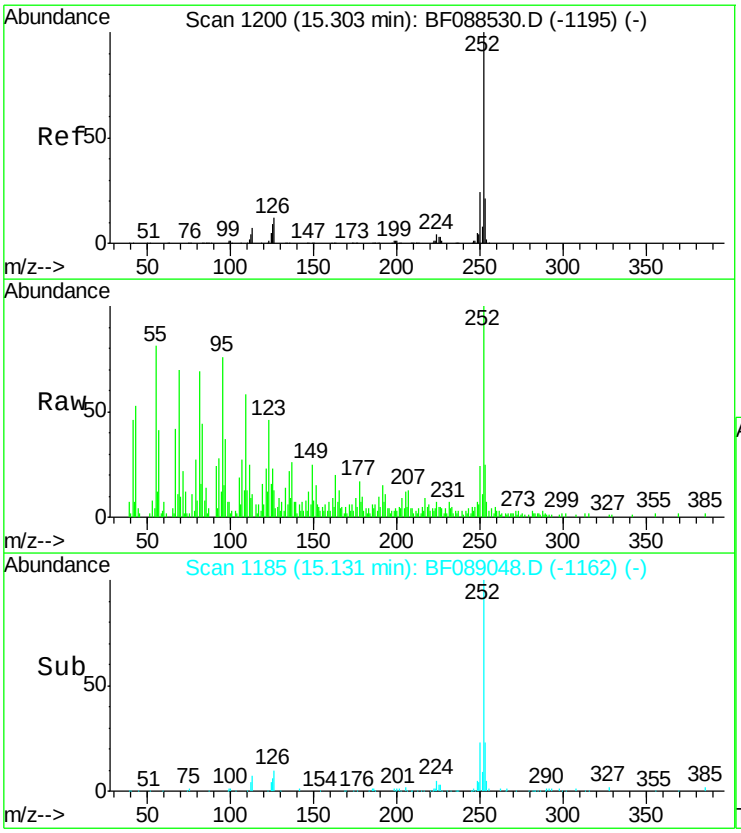
#88
Benzo(k)fluoranthene
Concen: 11.25 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.06 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 63339

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	23.3	11.2	16.8#

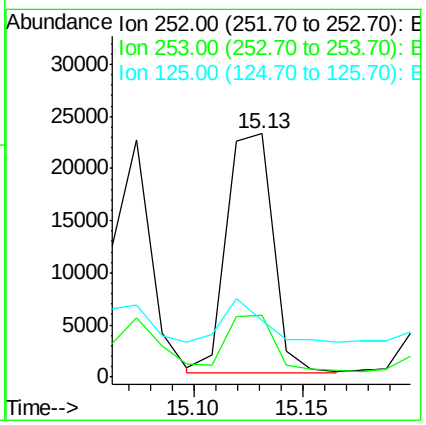


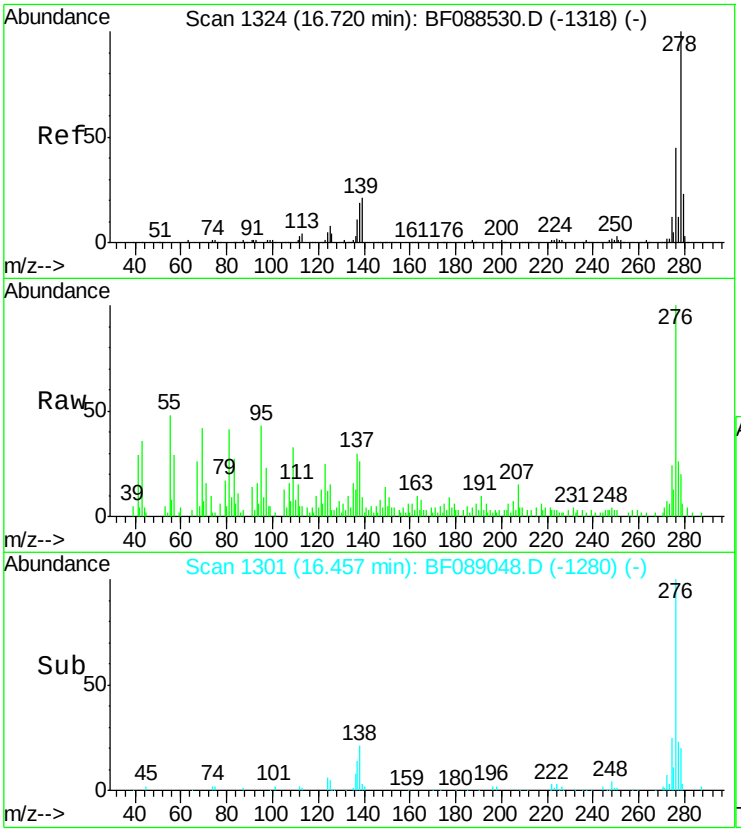


#89
Benzo(a)pyrene
Concen: 6.20 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:252 Resp: 33922

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	23.3	12.5	18.7#



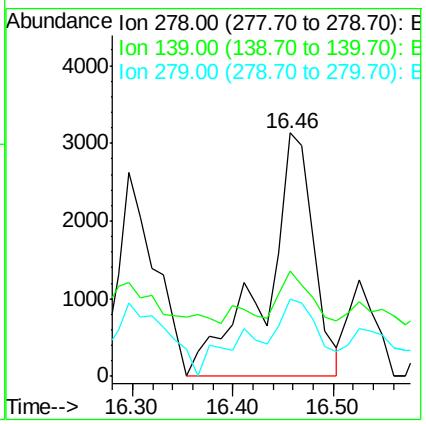


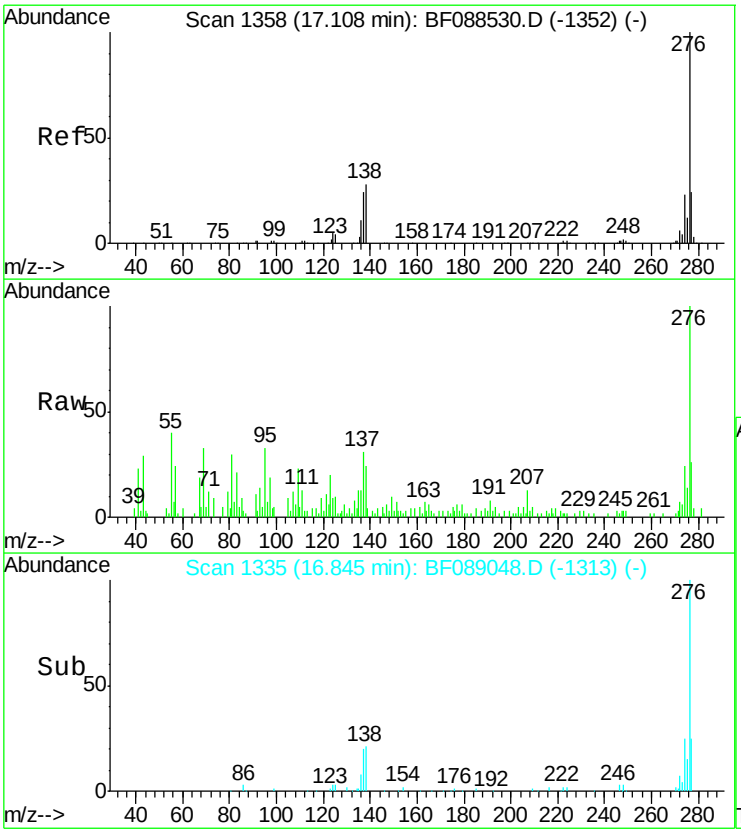
#90
Dibenzo(a,h)anthracene
Concen: 2.28 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 10418

Ion	Ratio	Lower	Upper
278	100		
139	43.1	15.7	23.5#
279	31.5	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 7.23 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.05 min
Lab File: BF089048.D
Acq: 16 Jul 2016 11:36

Tgt Ion:276 Resp: 34193

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.9	28.3
138	24.3	21.4	32.2