Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091412.D
Acq On : 3 Dec 2016 1:52
Operator : UM/SJ
Sample : H5825-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S12016SF-S-4

Quant Time: Dec 03 02:44:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	161303	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	612721	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	348443	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	486546	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	407523	20.00	ng		-0.03
86) Perylene-d12	15.44	264	313495	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1013491	102.64	ng		0.00
7) Phenol-d6	6.49	99	1320897	108.67	ng		0.00
23) Nitrobenzene-d5	7.42	82	804214	73.56	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	325286	98.61	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1473292	76.56	ng		-0.02
78) Terphenyl-d14	12.97	244	1190030	63.47	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	28566	3.65	ng		88
10) Phenol	6.50	94	113443	7.93	ng		87
19) n-Nitroso-di-n-propylamine	7.42	70	106040	13.85	ng	#	75
49) Dimethylphthalate	9.61	163	162395	7.70	ng		98
56) 2,4-Dinitrotoluene	9.90	165	45837	7.49	ng	#	34
66) 4-Bromophenyl-phenylether	10.69	248	21722	4.15	ng	#	1
70) Phenanthrene	11.41	178	147511	5.83	ng		97
74) Fluoranthene	12.59	202	245844	10.27	ng		97
77) Pyrene	12.81	202	236076	7.63	ng		98
80) Benzo(a)anthracene	14.00	228	139727	5.86	ng		100
82) Chrysene	14.04	228	91279	3.87	ng		96
85) Indeno(1,2,3-cd)pyrene	16.84	276	45303	2.10	ng	#	90
87) Benzo(b)fluoranthene	15.03	252	162428	8.34	ng		99
88) Benzo(k)fluoranthene	15.03	252	162428	9.91	ng		97
89) Benzo(a)pyrene	15.33	252	61405	3.51	ng		97
91) Benzo(g,h,i)perylene	17.26	276	44685	2.68	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091412.D
Acq On : 3 Dec 2016 1:52
Operator : UM/SJ
Sample : H5825-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Quant Time: Dec 03 02:44:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
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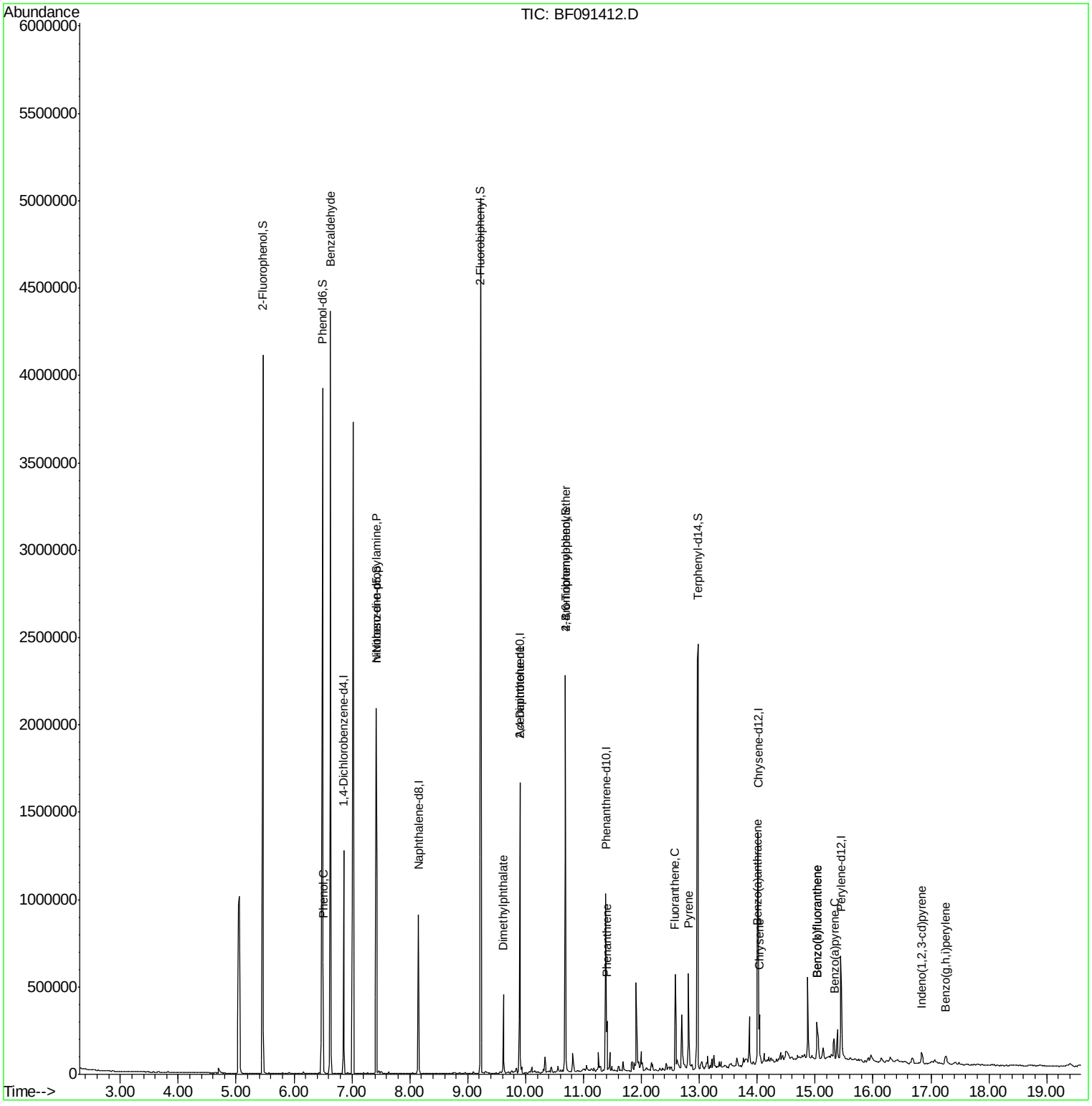
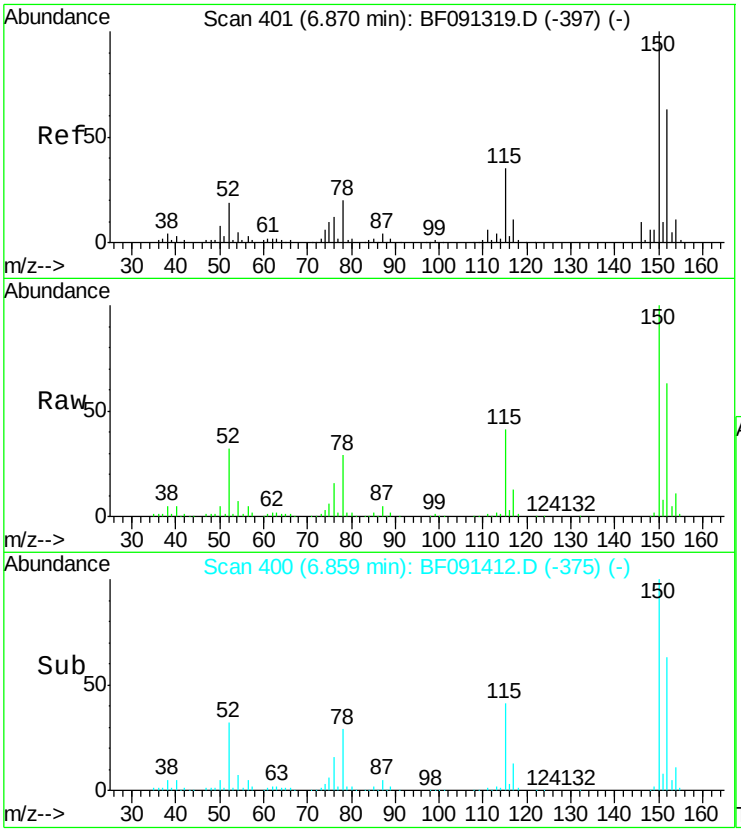


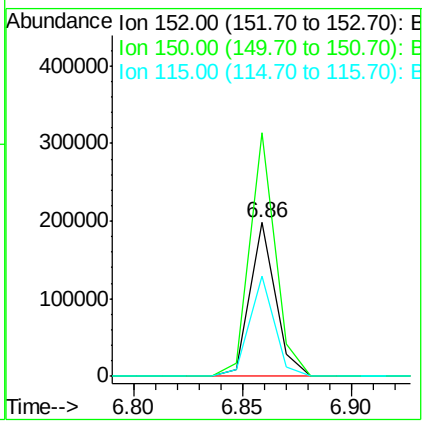


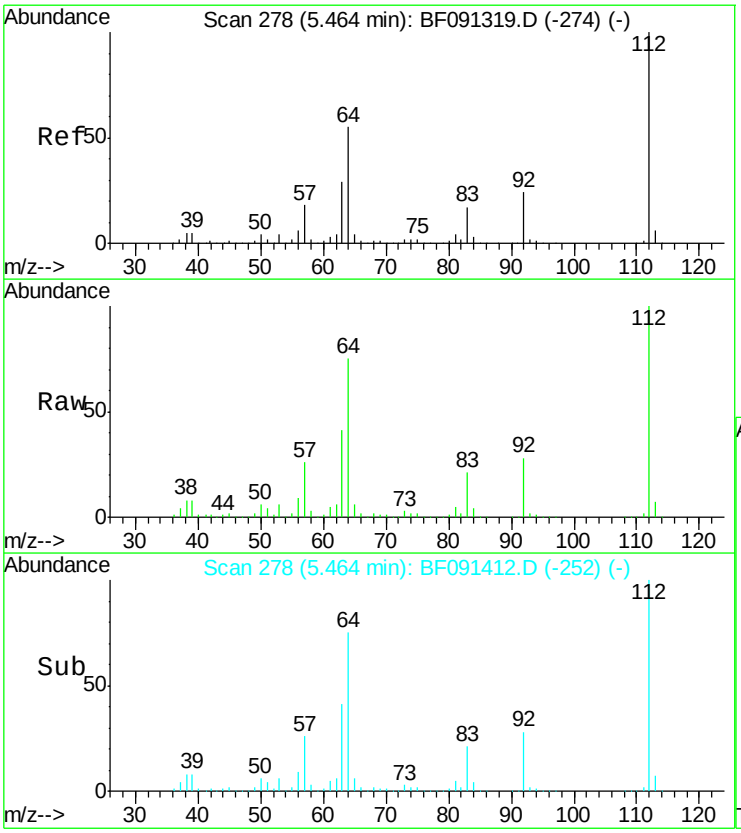
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:152 Resp: 161303

Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.5	183.7
115	65.5	51.8	77.8

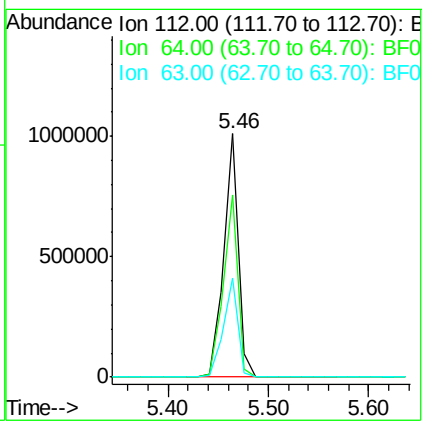


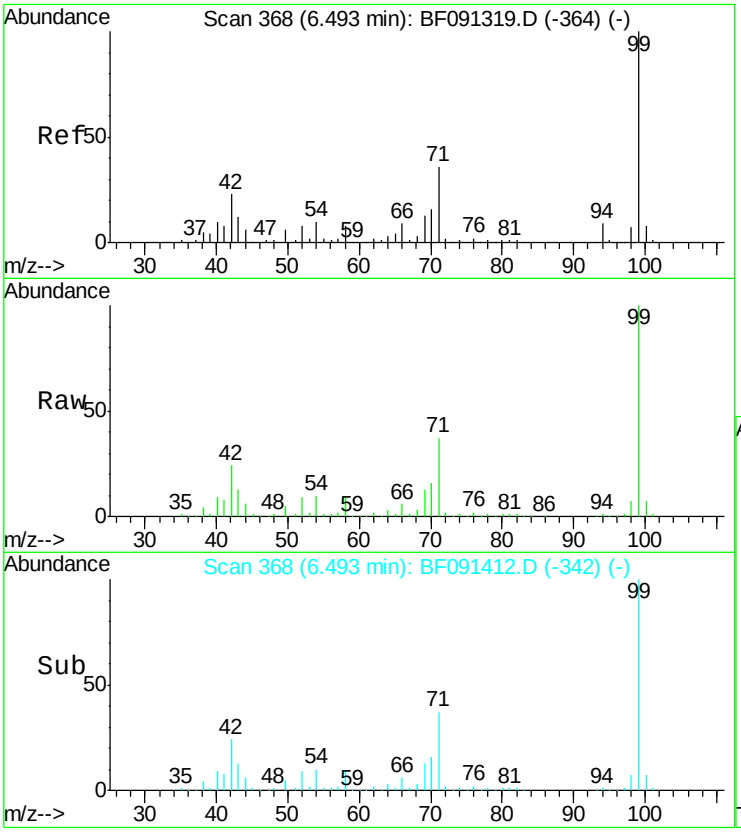


#5
2-Fluorophenol
Concen: 102.64 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:112 Resp: 1013491

Ion	Ratio	Lower	Upper
112	100		
64	74.8	61.5	92.3
63	40.7	33.3	49.9



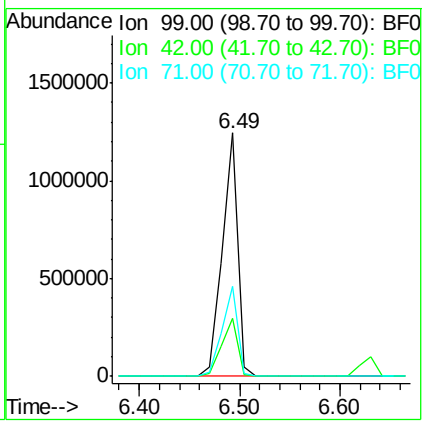


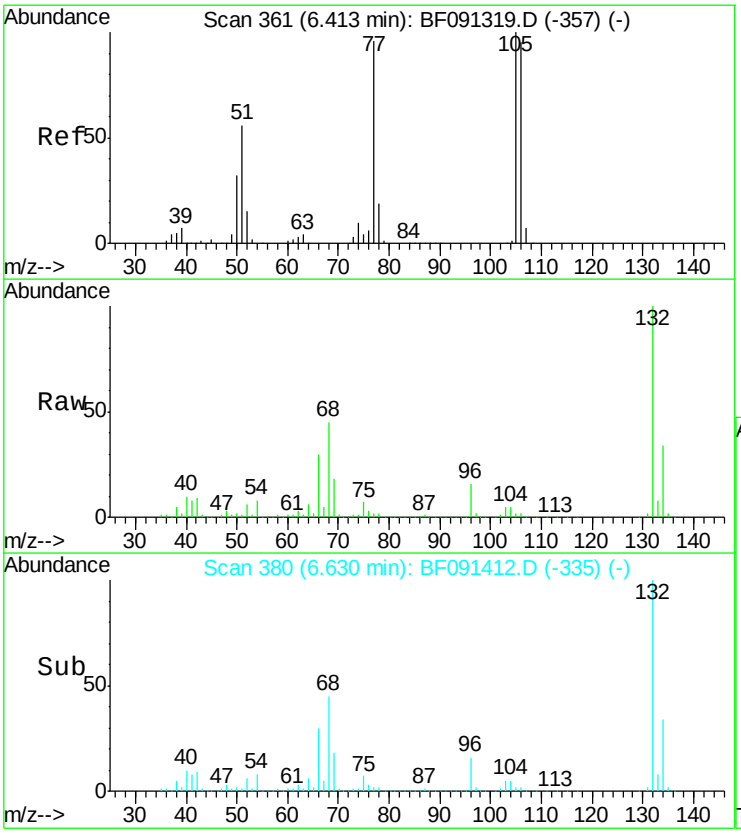
#7
Phenol-d6
Concen: 108.67 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion: 99 Resp: 1320897

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.6	31.0
71	37.0	29.9	44.9

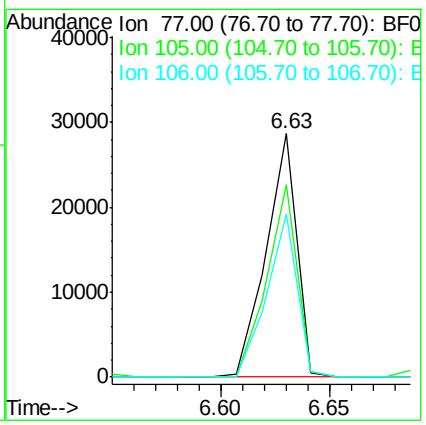


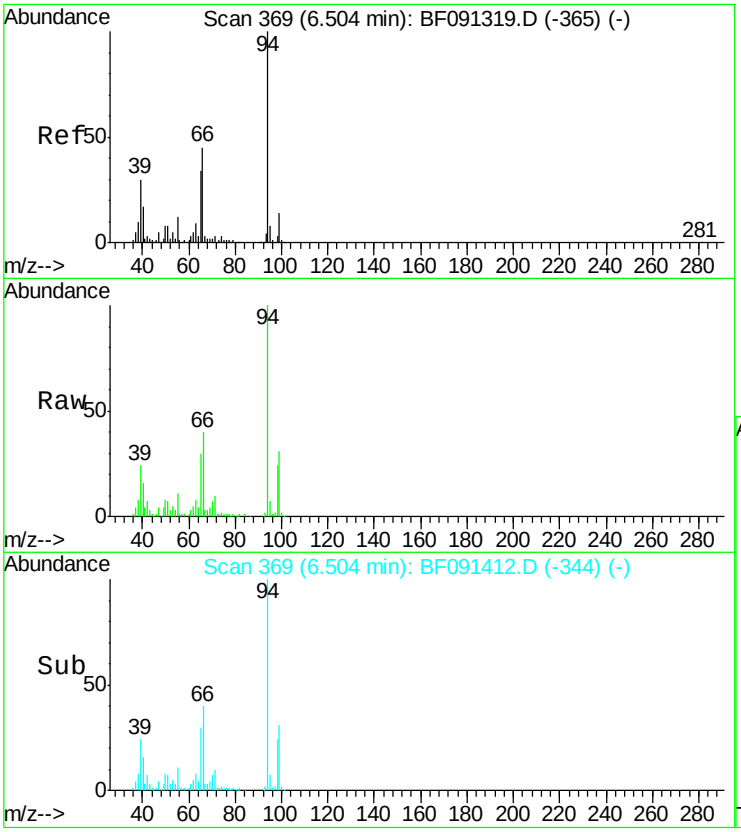


#9
Benzaldehyde
Concen: 3.65 ng
RT: 6.63 min Scan# 380
Delta R.T. 0.21 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion: 77 Resp: 28566

Ion	Ratio	Lower	Upper
77	100		
105	79.1	66.4	106.4
106	66.8	60.9	100.9



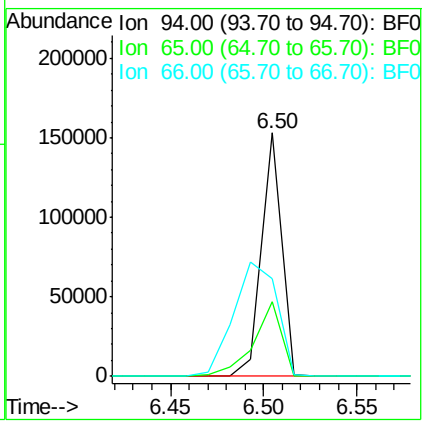


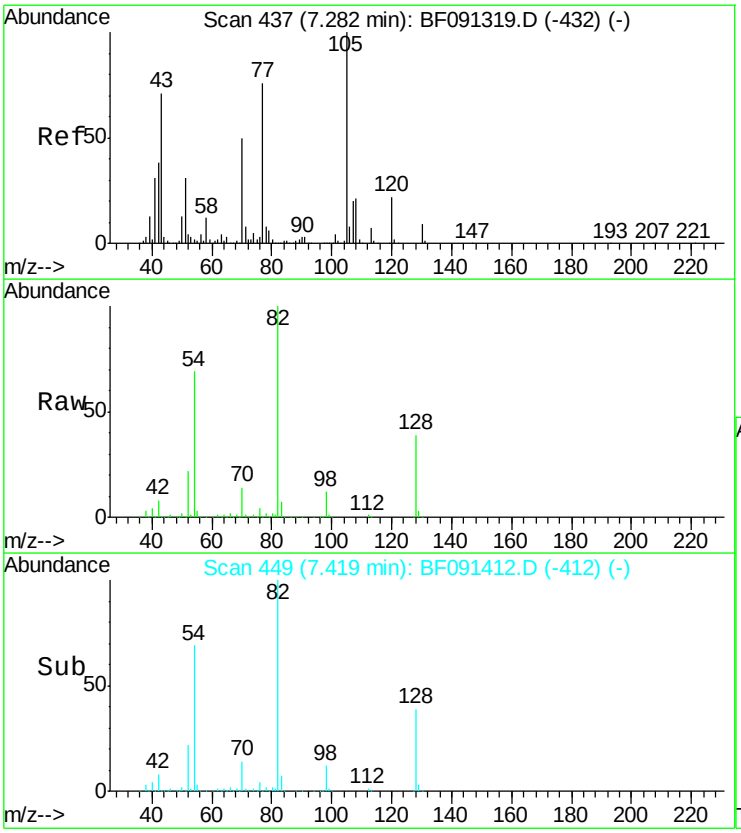
#10
Phenol
Concen: 7.93 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion: 94 Resp: 113443

Ion	Ratio	Lower	Upper
94	100		
65	30.5	16.9	56.9
66	40.0	30.6	70.6

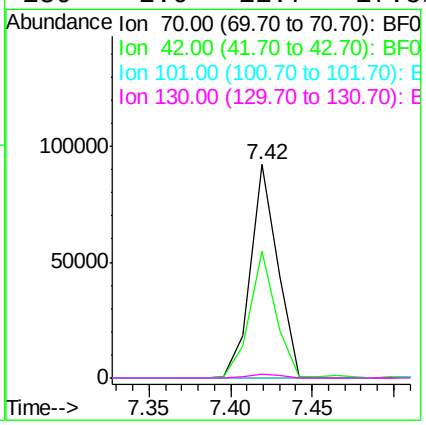


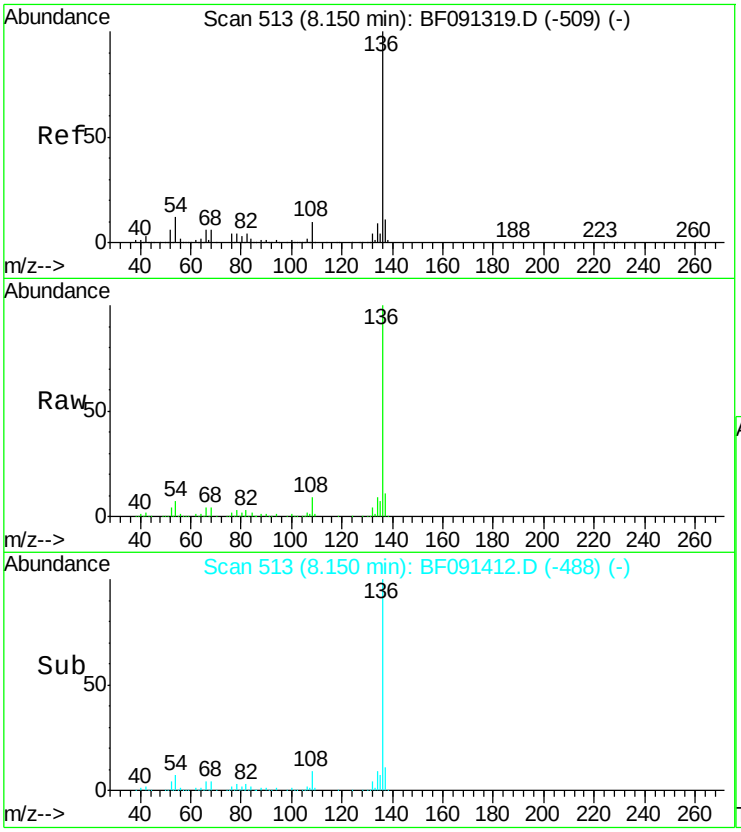


#19
n-Nitroso-di-n-propylamine
Concen: 13.85 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion: 70 Resp: 106040

Ion	Ratio	Lower	Upper
70	100		
42	59.1	64.8	97.2#
101	0.0	6.2	9.4#
130	2.0	11.7	17.5#



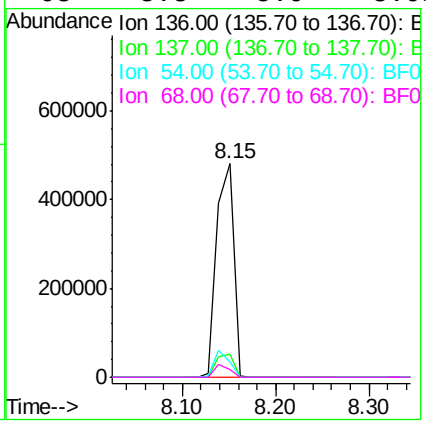


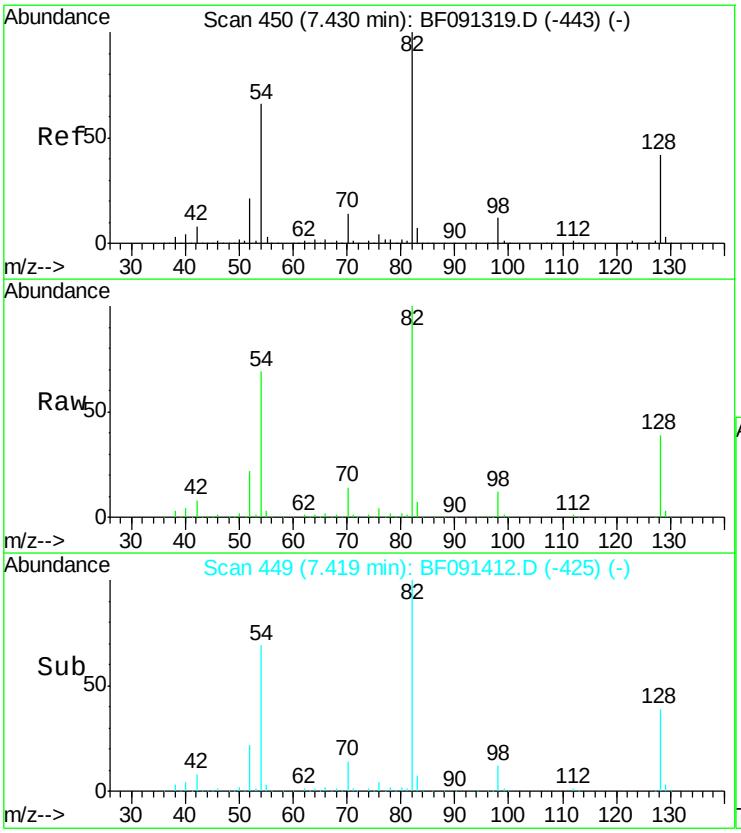
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:136 Resp: 612721

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.2	9.1	13.7#
68	3.8	5.9	8.9#

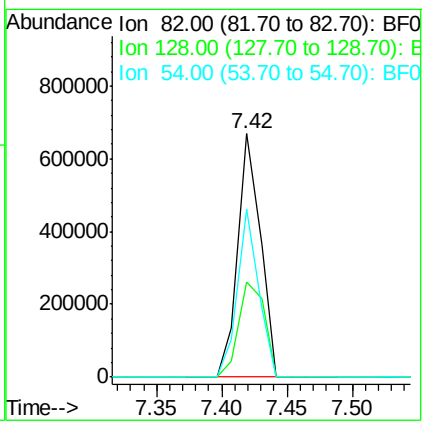


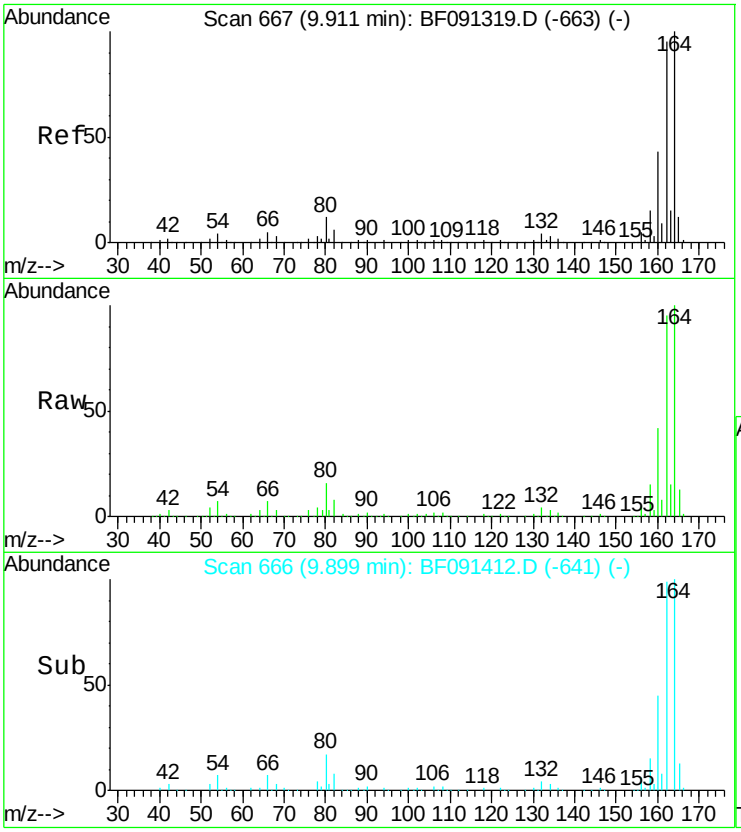


#23
Nitrobenzene-d5
Concen: 73.56 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion: 82 Resp: 804214

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.8	47.6
54	69.1	49.1	73.7



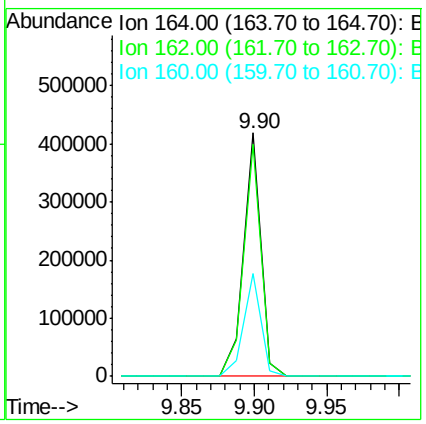


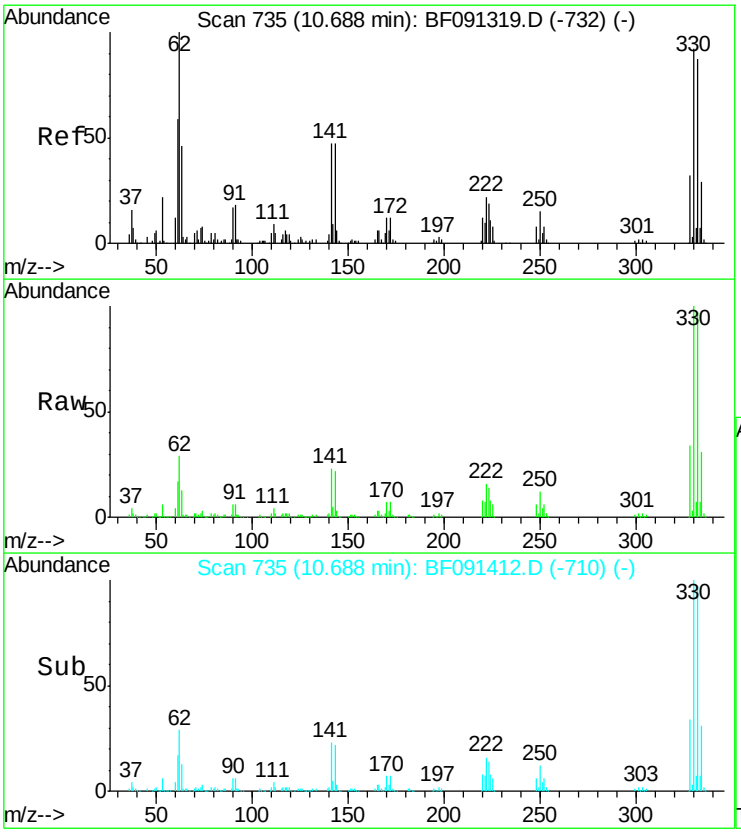
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:164 Resp: 348443

Ion	Ratio	Lower	Upper
164	100		
162	95.2	82.6	124.0
160	42.5	36.7	55.1

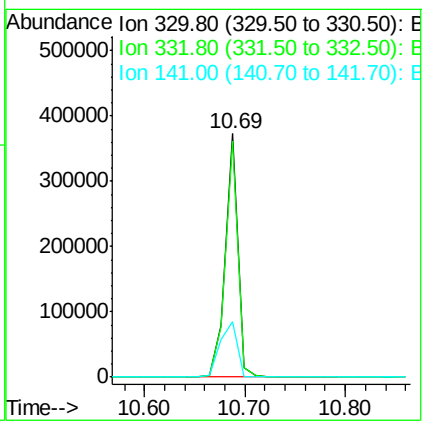


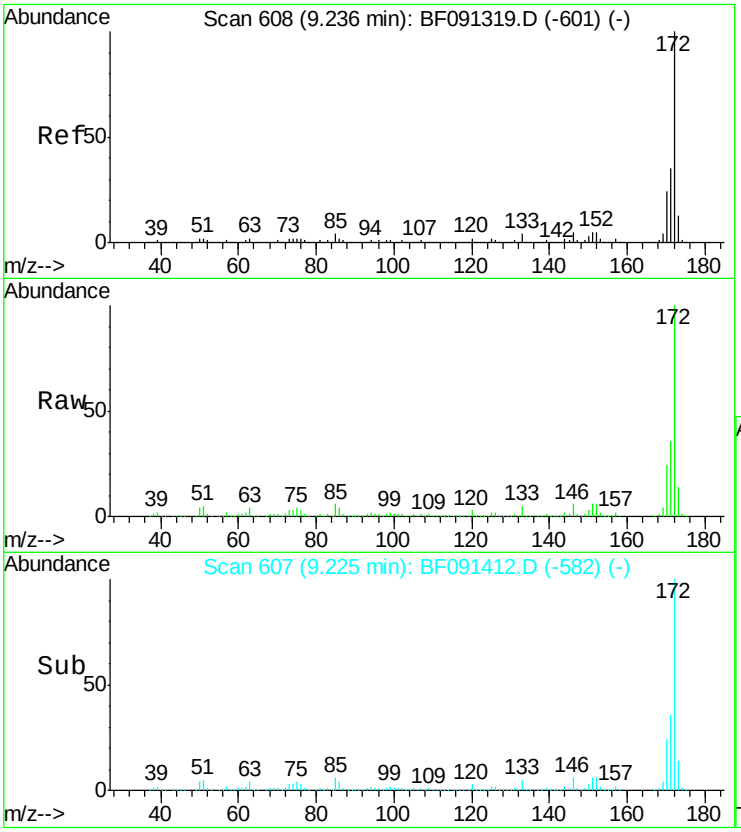


#41
2,4,6-Tribromophenol
Concen: 98.61 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:330 Resp: 325286

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	31.1	33.6	50.4#



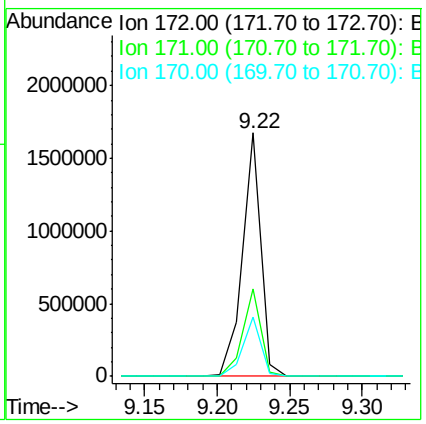


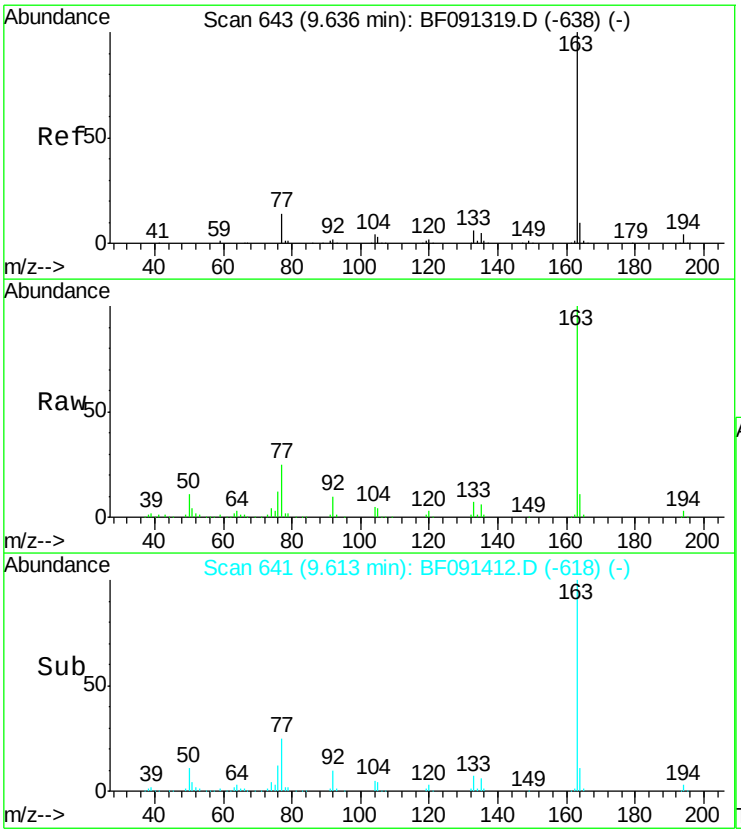
#44
2-Fluorobiphenyl
Concen: 76.56 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:172 Resp: 1473292

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	19.7	29.5

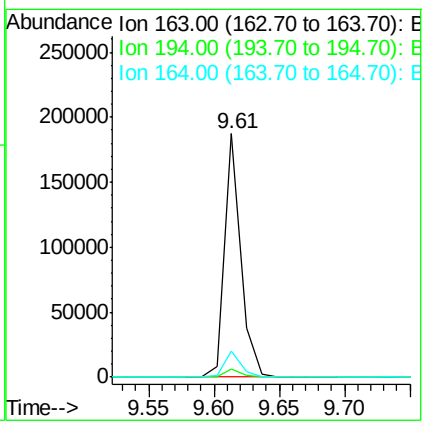


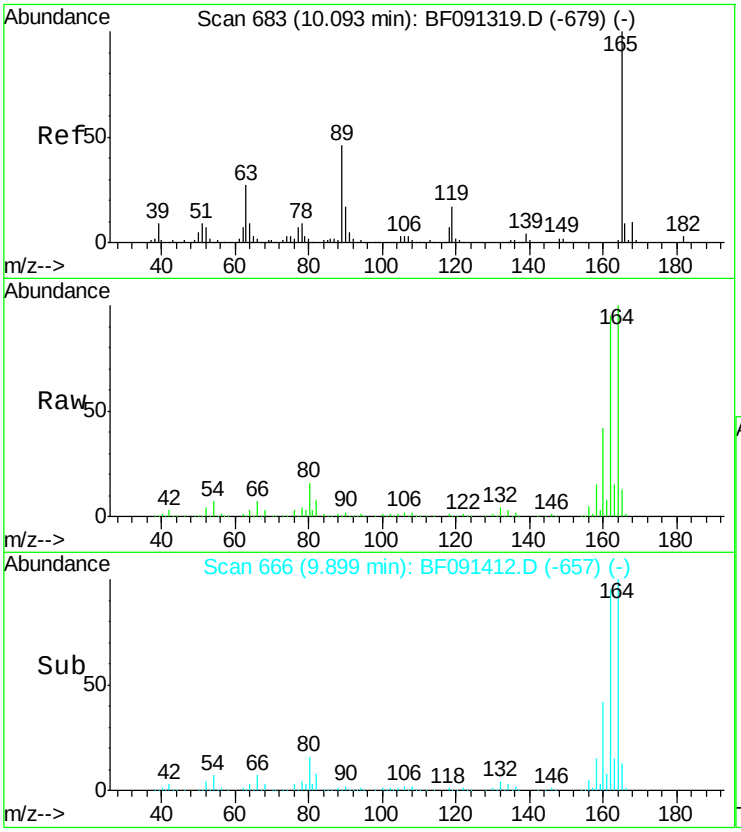


#49
Dimethylphthalate
Concen: 7.70 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:163 Resp: 162395

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.5	7.8	11.8



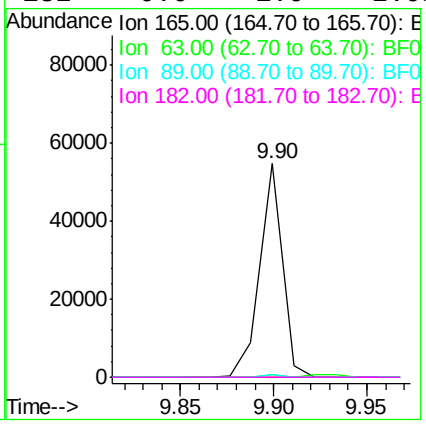


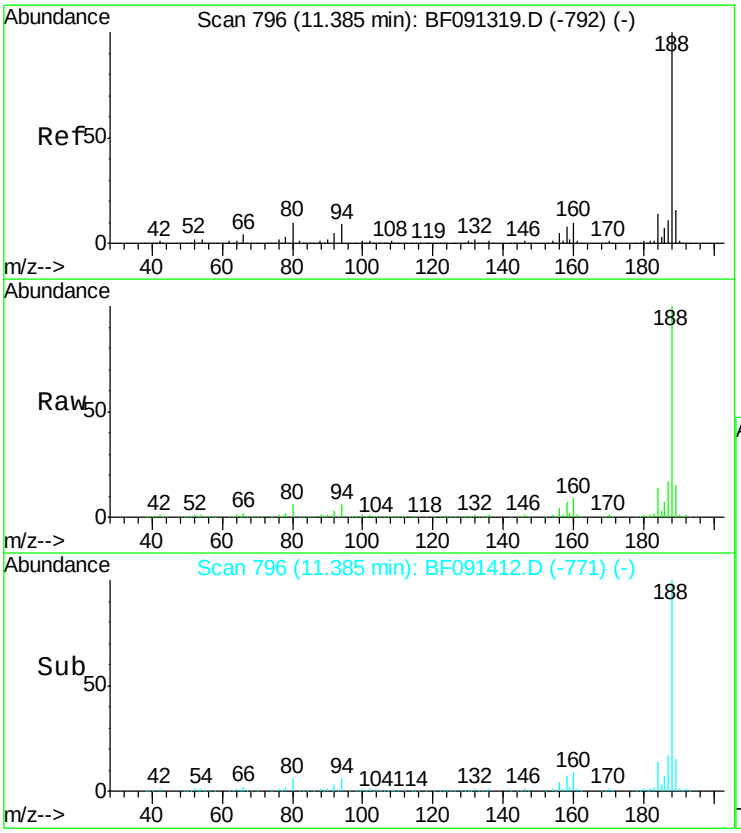
#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:165 Resp: 45837

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#

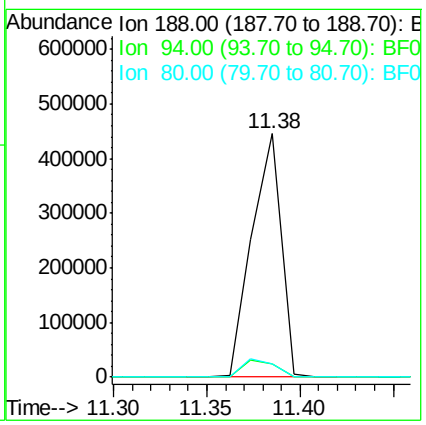


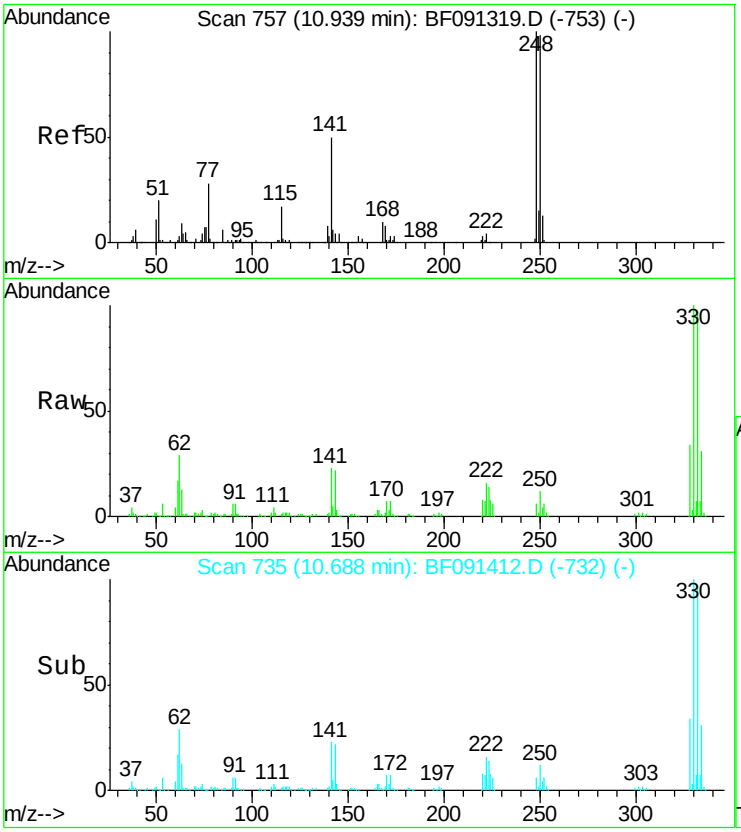


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:188 Resp: 486546

Ion	Ratio	Lower	Upper
188	100		
94	5.6	9.2	13.8#
80	5.6	10.5	15.7#



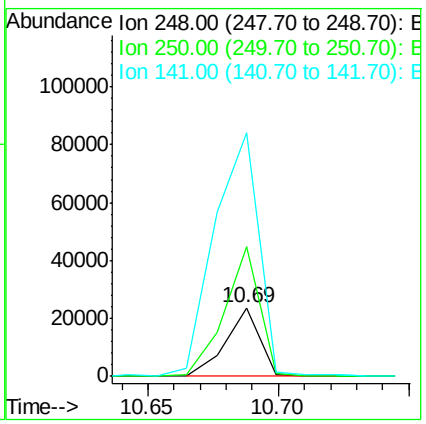


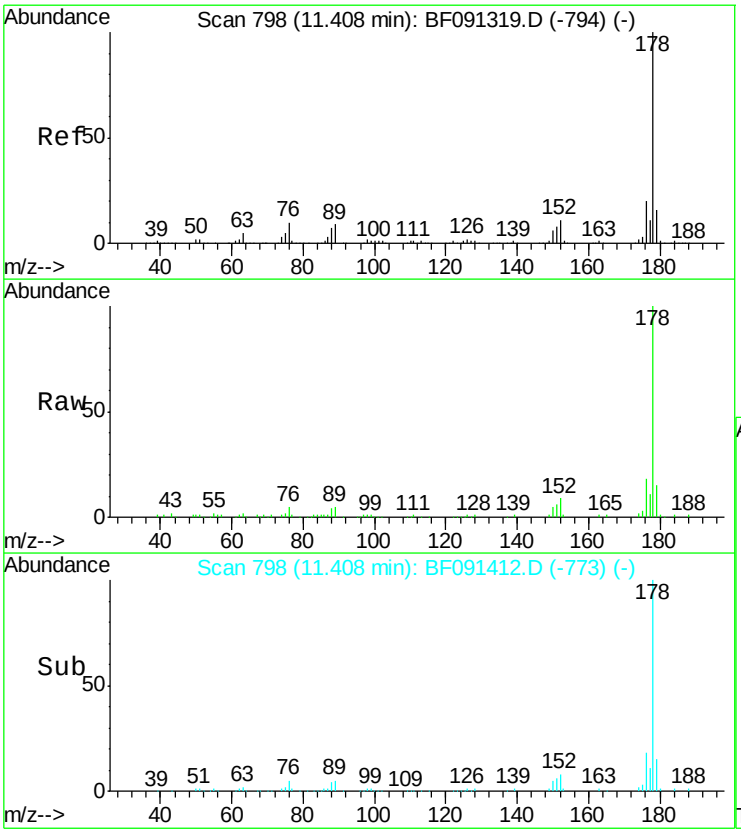
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:248 Resp: 21722

Ion	Ratio	Lower	Upper
248	100		
250	189.0	78.2	117.4#
141	354.2	71.9	107.9#

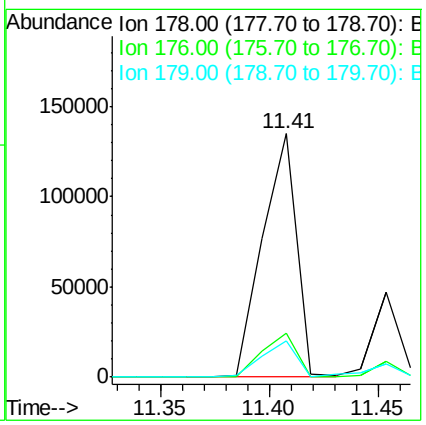


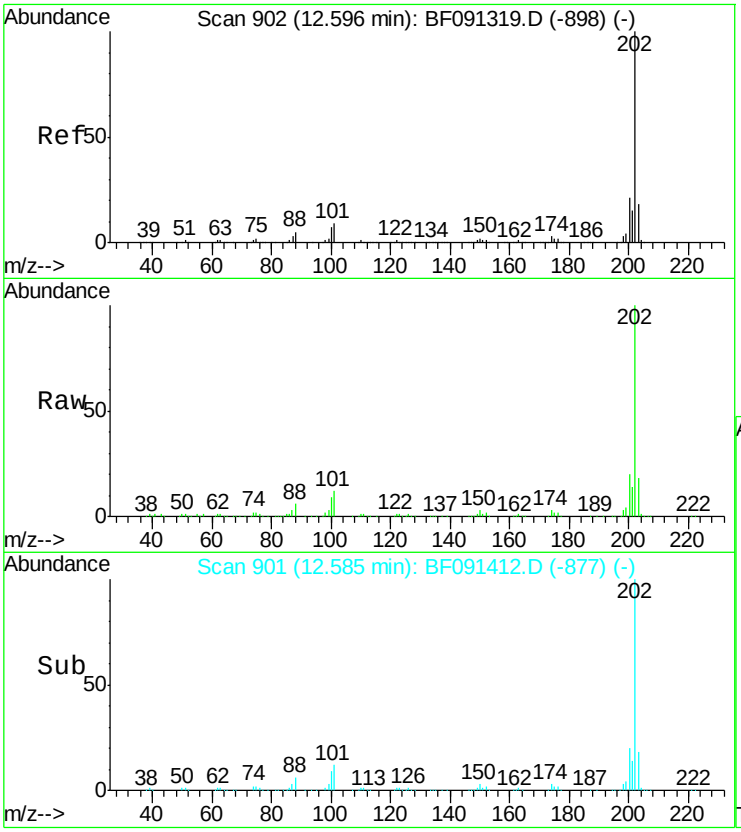


#70
Phenanthrene
Concen: 5.83 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:178 Resp: 147511

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	14.9	12.6	18.8



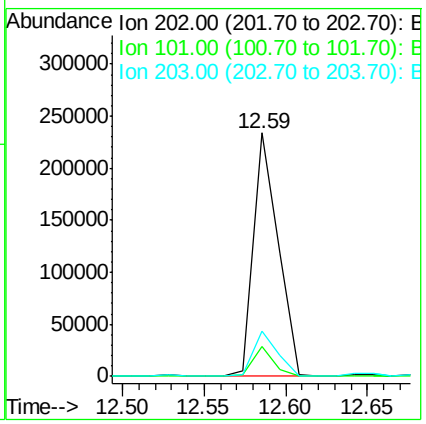


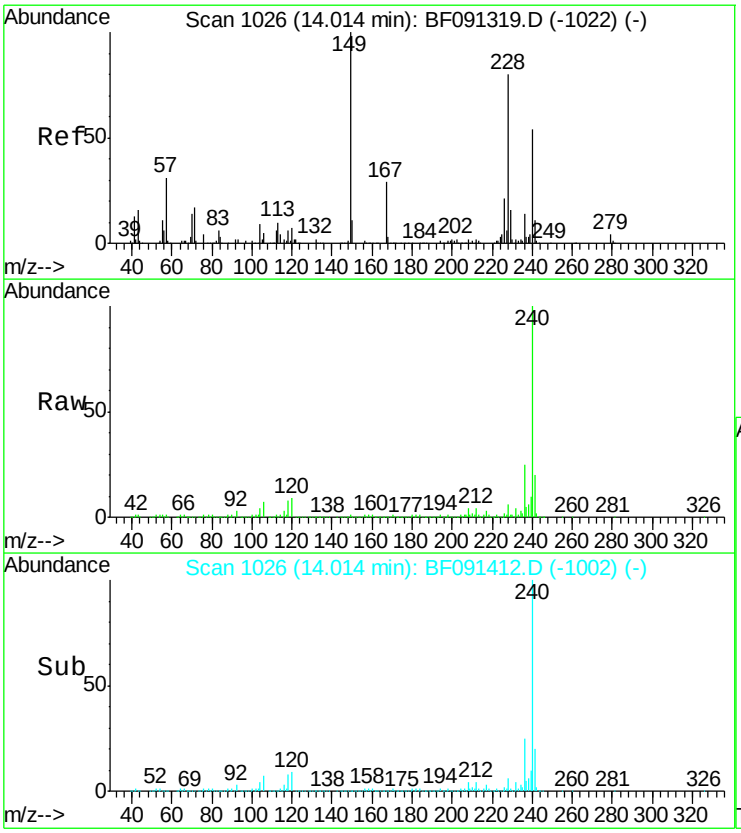
#74
Fluoranthene
Concen: 10.27 ng
RT: 12.59 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:202 Resp: 245844

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.5
203	18.5	0.0	37.8

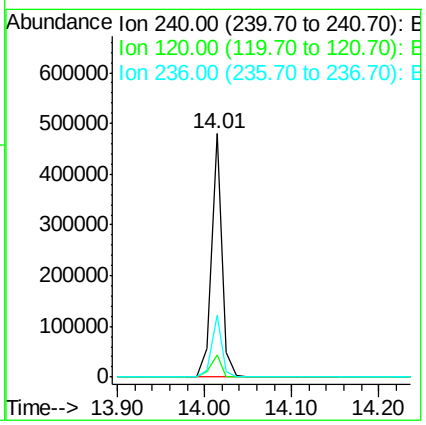


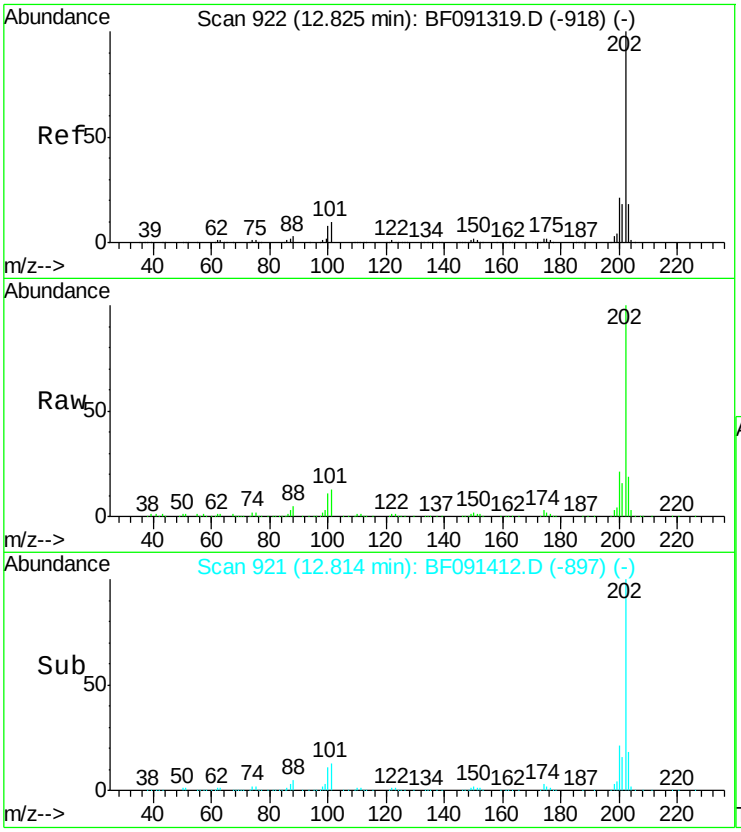


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:240 Resp: 407523

Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.1	18.1#
236	25.2	21.0	31.6



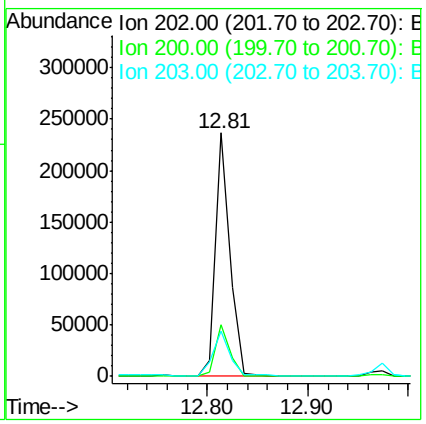


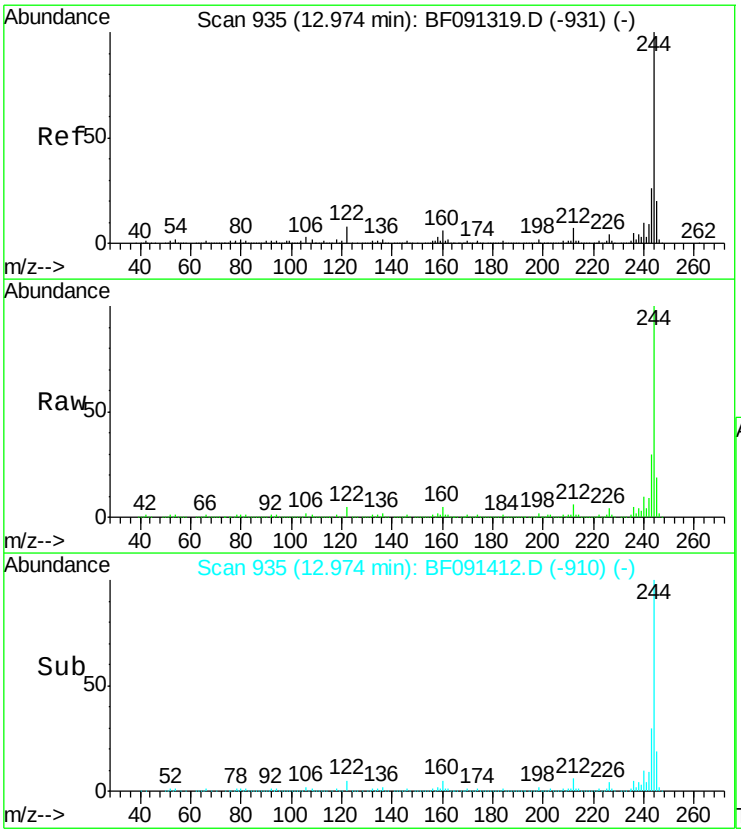
#77
Pyrene
Concen: 7.63 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:202 Resp: 236076

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	18.5	14.0	21.0

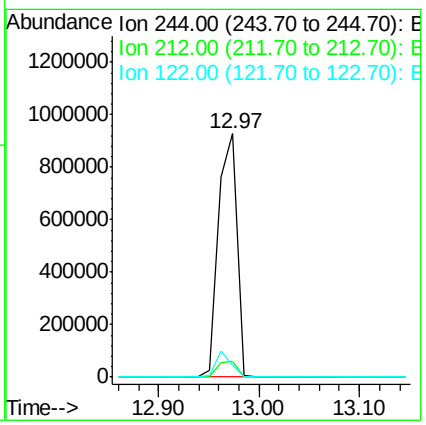


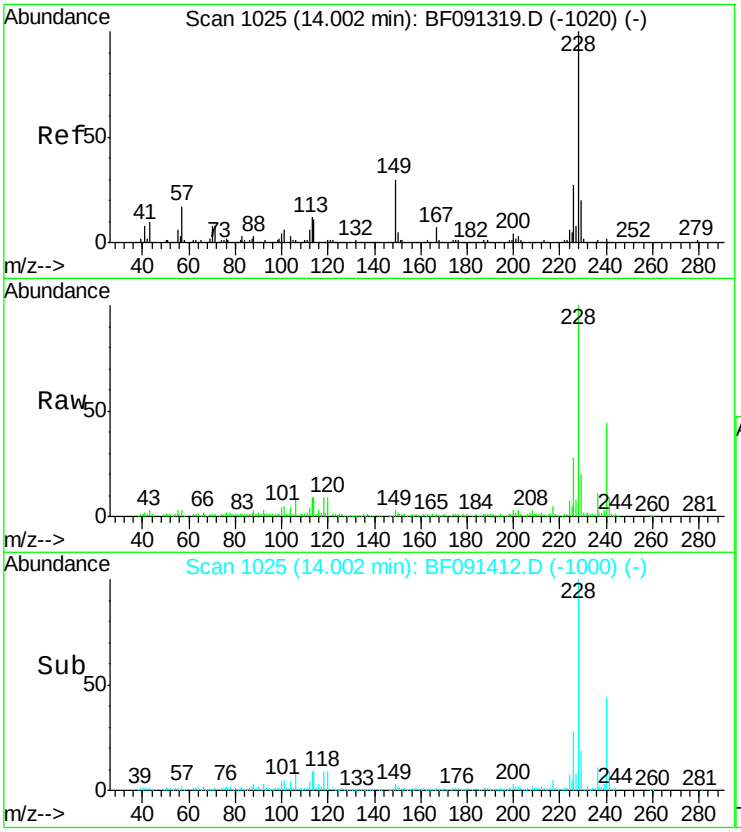


#78
Terphenyl-d14
Concen: 63.47 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:244 Resp: 1190030

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.5	9.7#
122	4.9	9.5	14.3#



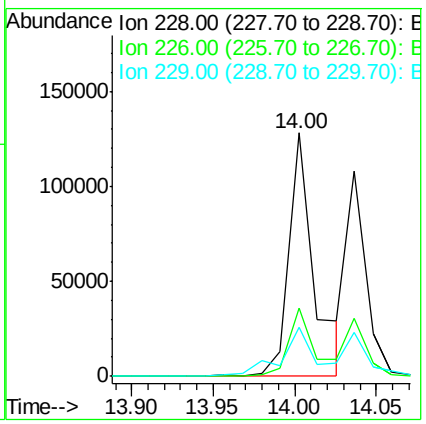


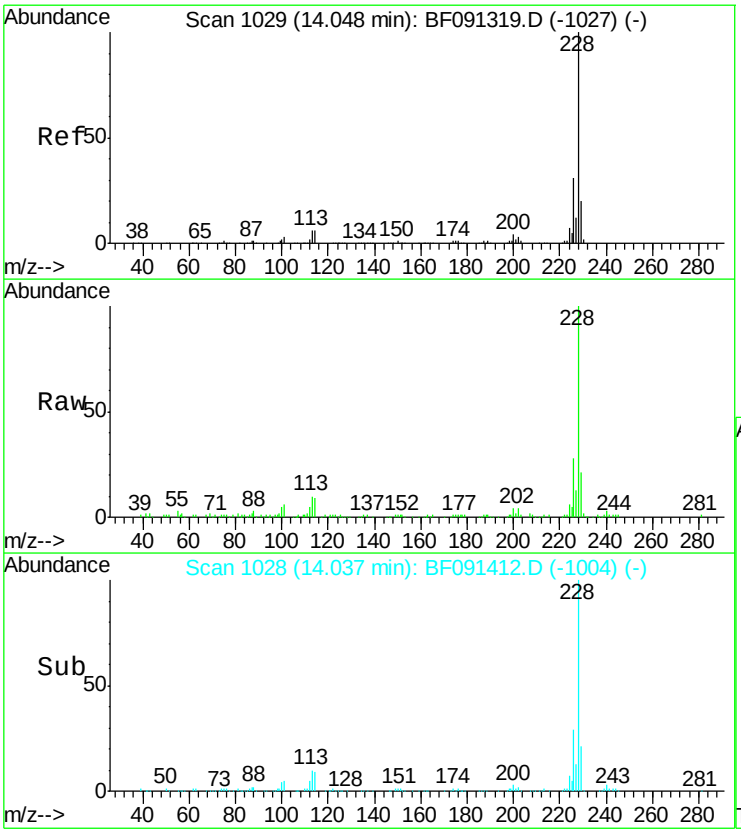
#80
Benzo(a)anthracene
Concen: 5.86 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:228 Resp: 139727

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.2	16.4	24.6

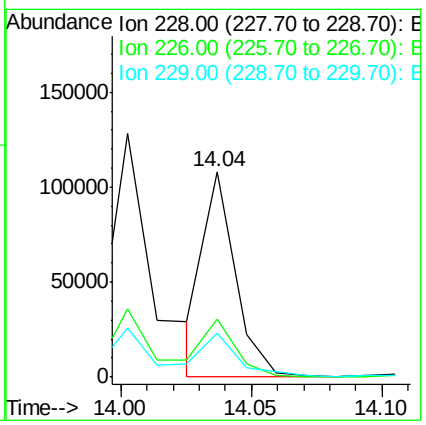


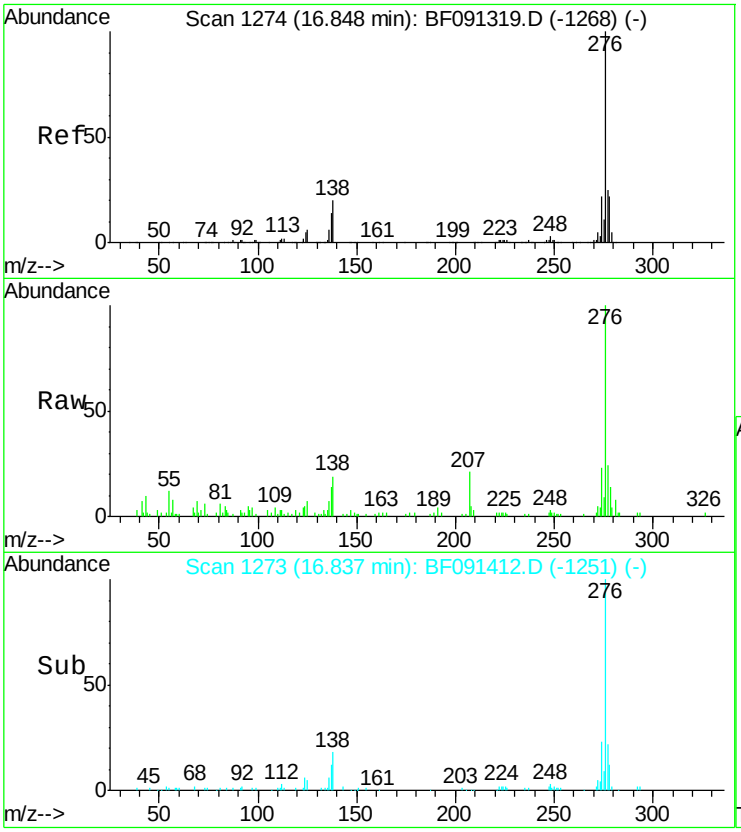


#82
Chrysene
Concen: 3.87 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:228 Resp: 91279

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.4
229	21.1	16.0	24.0



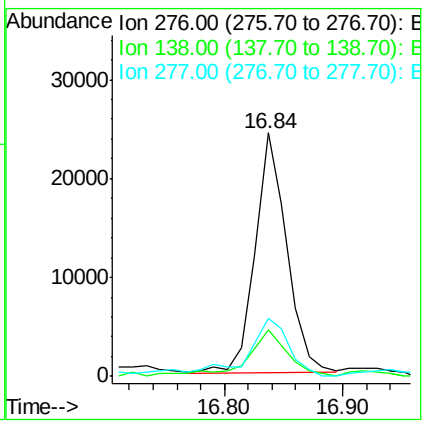


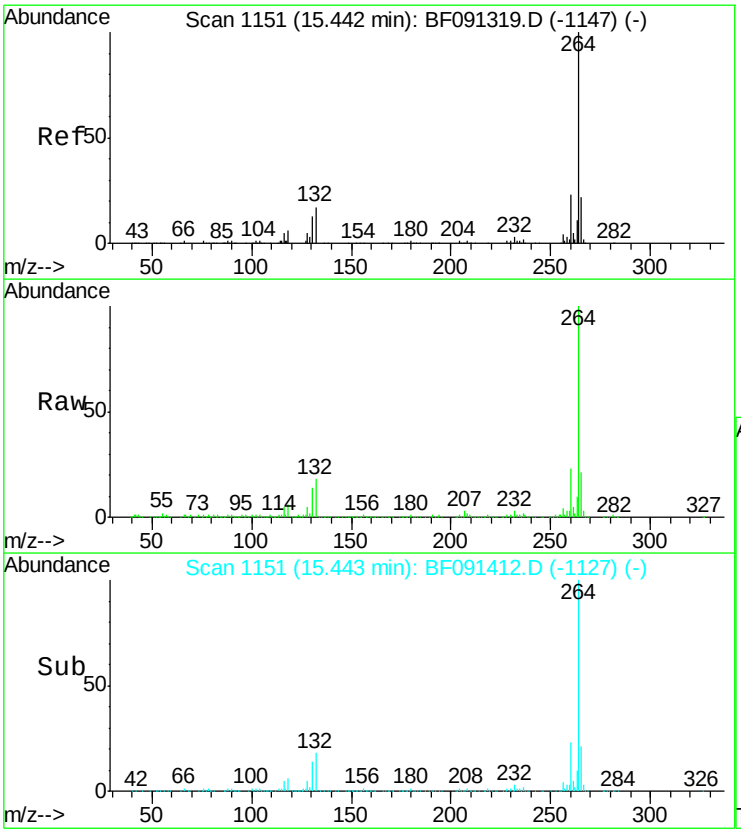
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.10 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:276 Resp: 45303

Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.0	31.4
277	33.9	20.2	30.2#

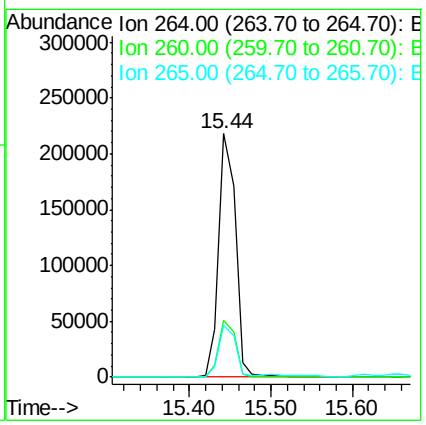


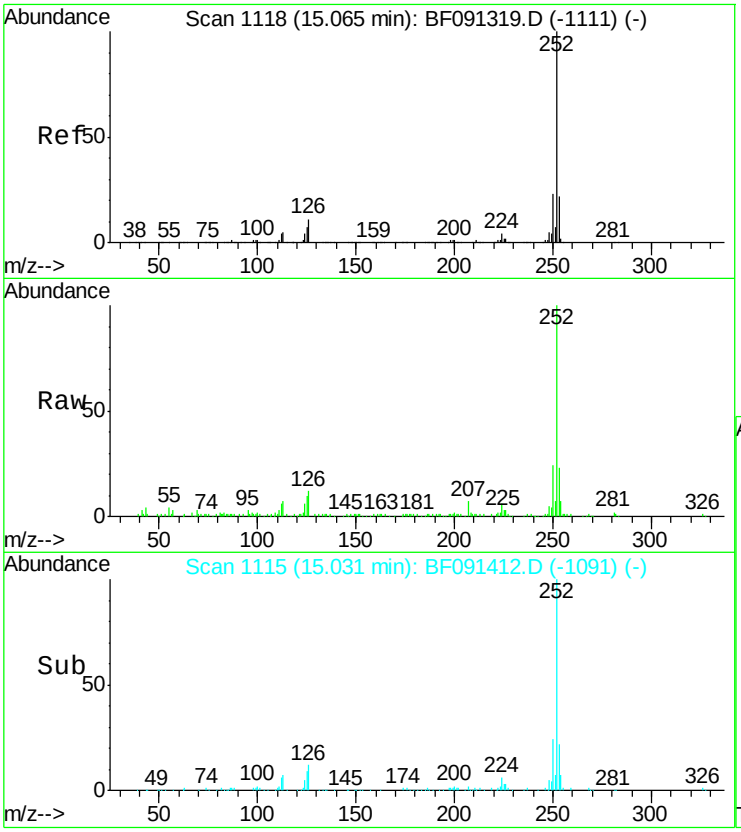


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:264 Resp: 313495

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.3	17.0	25.6



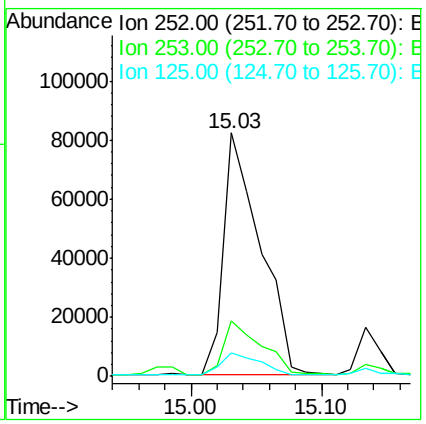


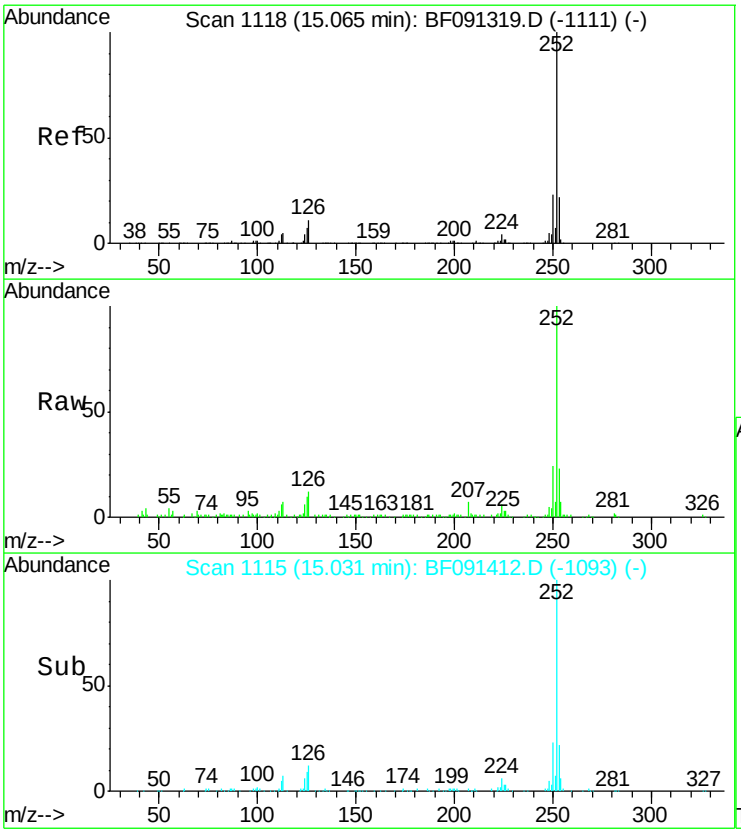
#87
Benzo(b)fluoranthene
Concen: 8.34 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:252 Resp: 162428

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.9	8.6	13.0

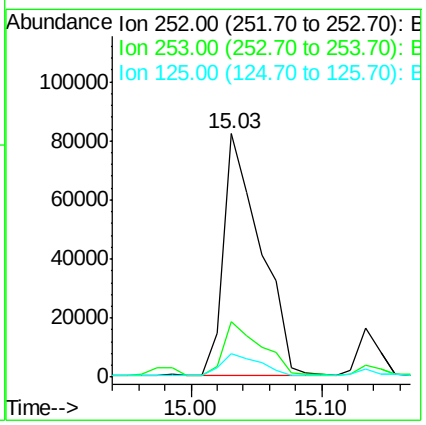


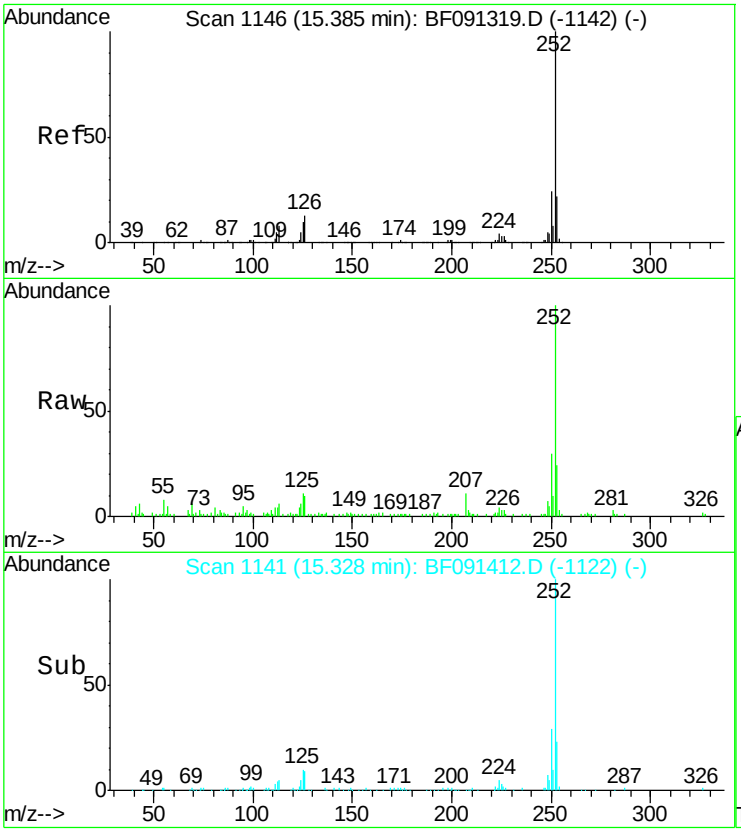


#88
Benzo(k)fluoranthene
Concen: 9.91 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.05 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:252 Resp: 162428

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	9.9	9.6	14.4



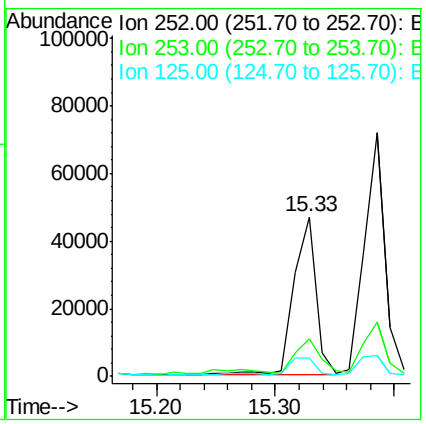


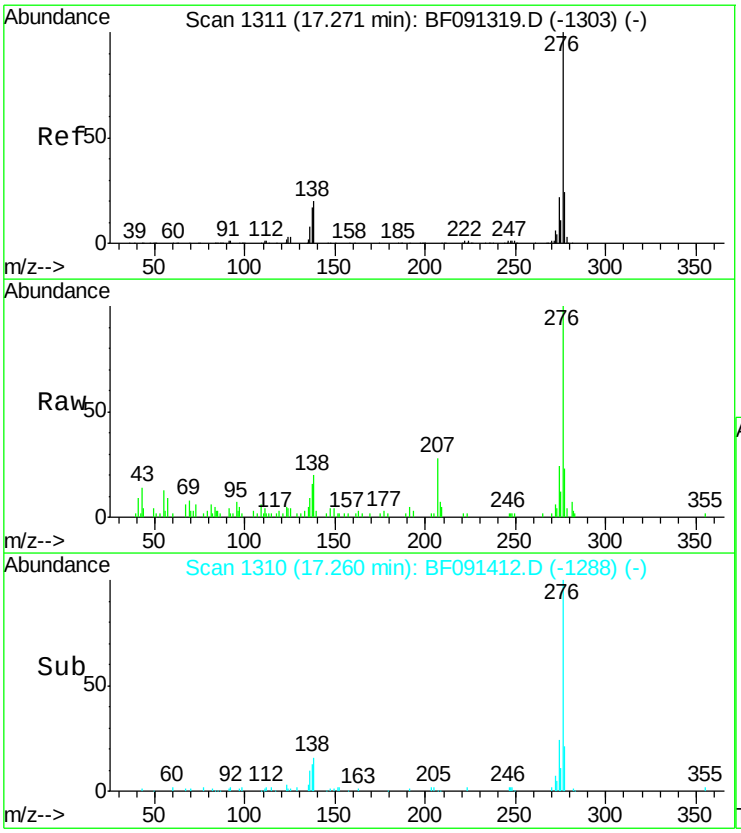
#89
Benzo(a)pyrene
Concen: 3.51 ng
RT: 15.33 min Scan# 1141
Delta R.T. -0.09 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Instrument :
BNA_F
ClientSampleId :
S12016SF-S-4

Tgt Ion:252 Resp: 61405

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	11.1	10.4	15.6





#91
Benzo(g,h,i)perylene
Concen: 2.68 ng
RT: 17.26 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF091412.D
Acq: 3 Dec 2016 1:52

Tgt Ion:276 Resp: 44685

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.9	15.4	23.0