Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092812.D
Acq On : 6 Feb 2017 22:49
Operator : SJ/MA
Sample : I1692-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-20-41-COMP

Quant Time: Feb 07 01:13:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	148125	20.00	ng		-0.06
21) Naphthalene-d8	8.20	136	567520	20.00	ng		-0.06
38) Acenaphthene-d10	9.95	164	306905	20.00	ng		-0.06
63) Phenanthrene-d10	11.44	188	452105	20.00	ng		-0.06
75) Chrysene-d12	14.08	240	339664	20.00	ng		-0.07
86) Perylene-d12	15.53	264	299574	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1253068	145.13	ng		-0.04
7) Phenol-d6	6.56	99	1482263	133.43	ng		-0.05
23) Nitrobenzene-d5	7.48	82	1064768	104.48	ng		-0.06
41) 2,4,6-Tribromophenol	10.75	330	326831	147.24	ng		-0.06
44) 2-Fluorobiphenyl	9.28	172	1561940	92.20	ng		-0.06
78) Terphenyl-d14	13.03	244	1040313	71.96	ng		-0.06
Target Compounds							Qvalue
15) Benzyl Alcohol	7.07	79	16768	2.04	ng	#	31
19) n-Nitroso-di-n-propylamine	7.48	70	144228	20.40	ng	#	79
25) Isophorone	7.48	82	1010494	53.21	ng	#	65
49) Dimethylphthalate	9.66	163	579797	28.05	ng		99
56) 2,4-Dinitrotoluene	9.95	165	40677	6.84	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.74	198	684	2.90	ng	#	1
66) 4-Bromophenyl-phenylether	10.75	248	23713	5.02	ng	#	1
70) Phenanthrene	11.46	178	93814	3.62	ng		98
71) Anthracene	11.46	178	93814	3.61	ng		99
74) Fluoranthene	12.65	202	111515	4.17	ng		96
77) Pyrene	12.88	202	99027	3.90	ng		98
80) Benzo(a)anthracene	14.07	228	53440	2.57	ng		97
83) Bis(2-ethylhexyl)phthalate	14.05	149	33001	2.34	ng		99
87) Benzo(b)fluoranthene	15.11	252	63278	3.21	ng	#	92
88) Benzo(k)fluoranthene	15.11	252	63278	3.72	ng	#	92

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_F
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ROLL-OFF-20-41-COMP

Quant Time: Feb 07 01:13:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
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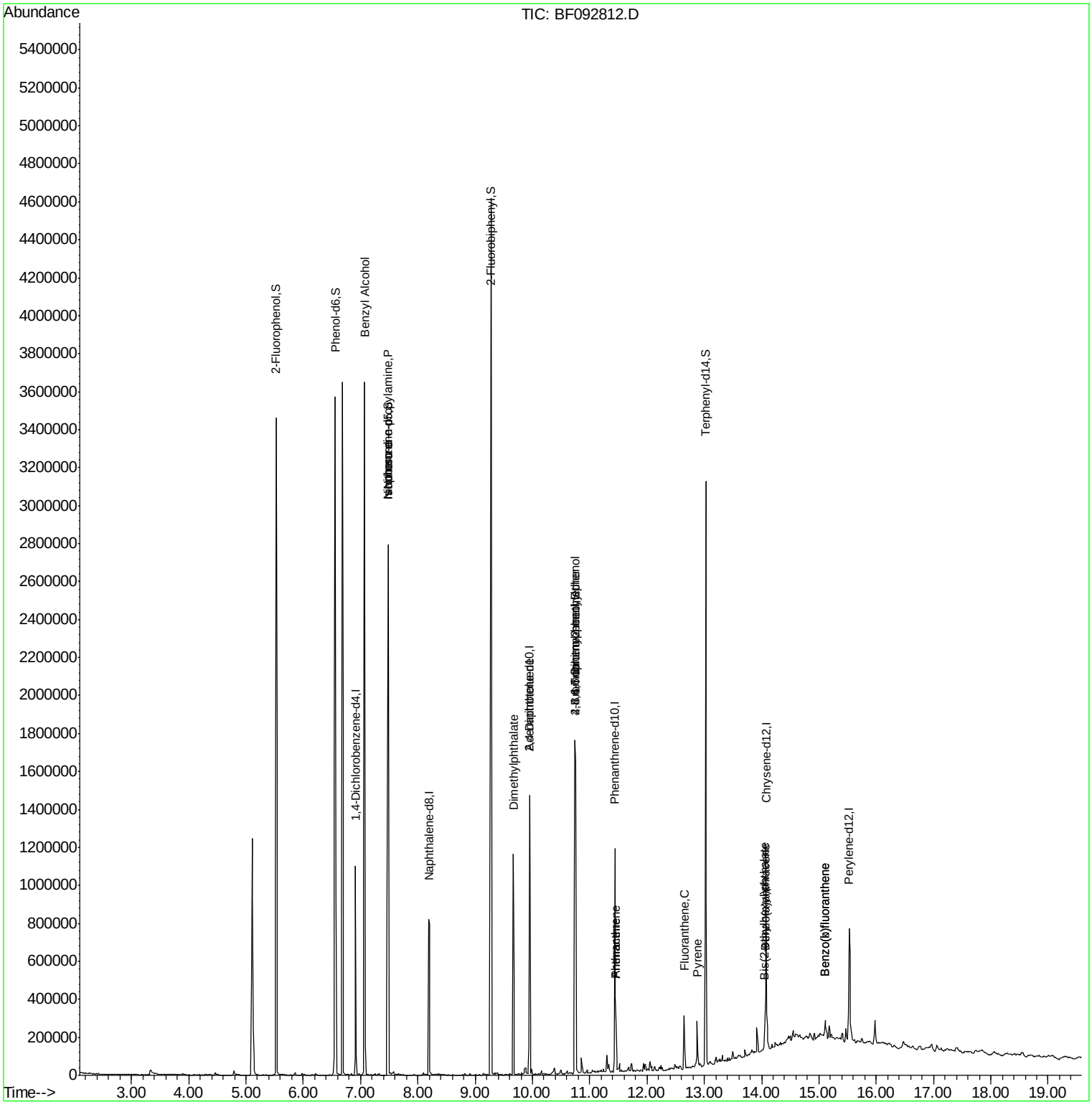
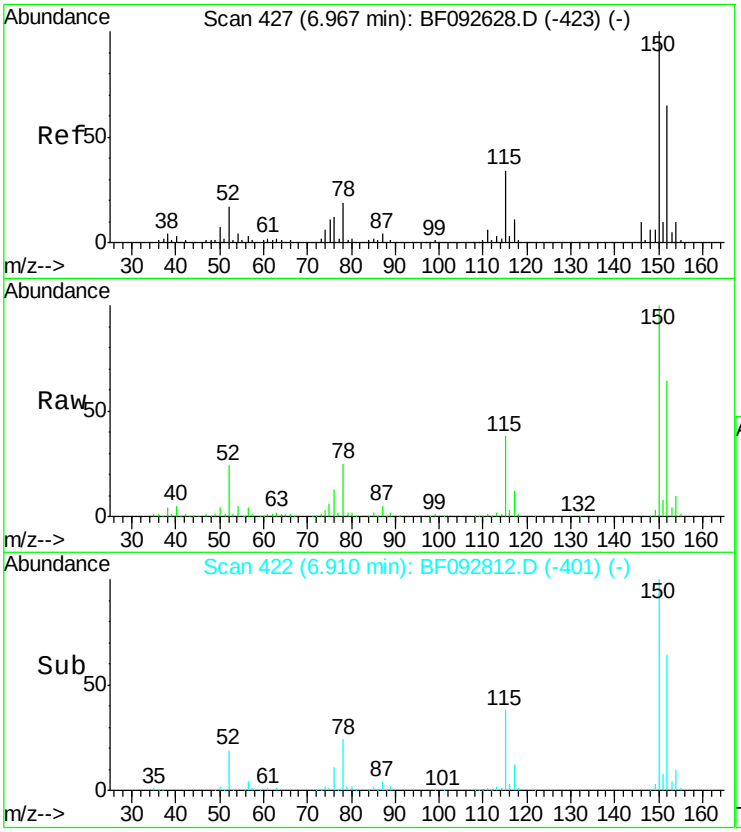


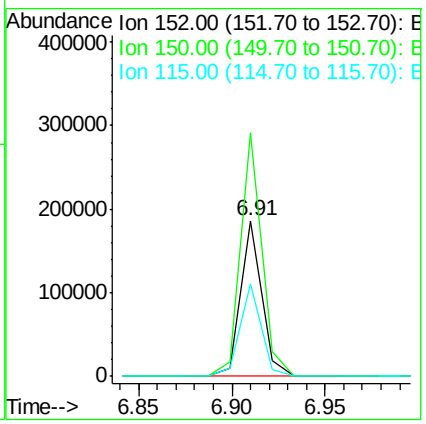


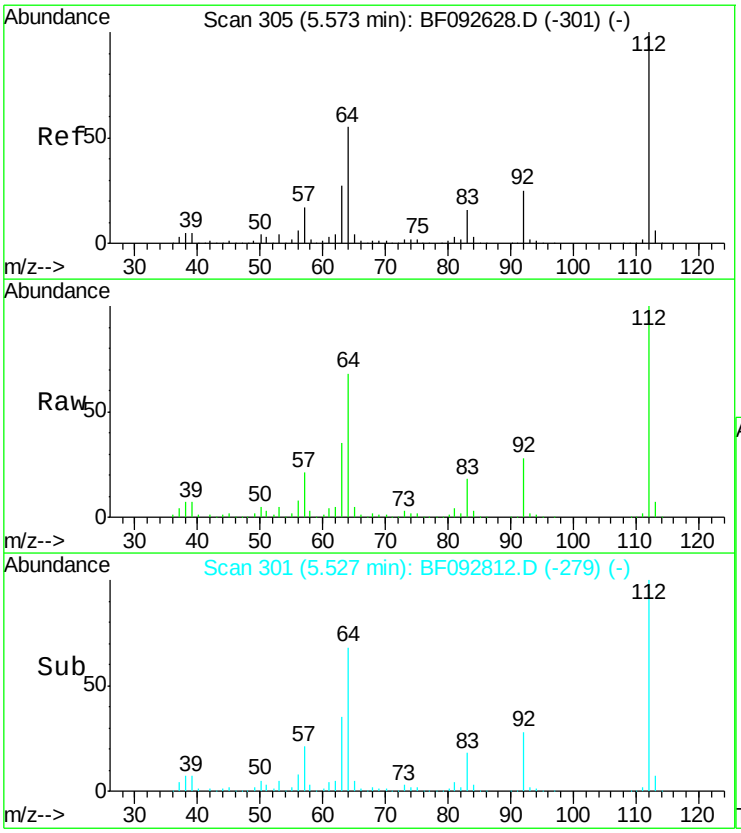
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:152 Resp: 148125

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.9	187.3
115	59.8	46.0	69.0

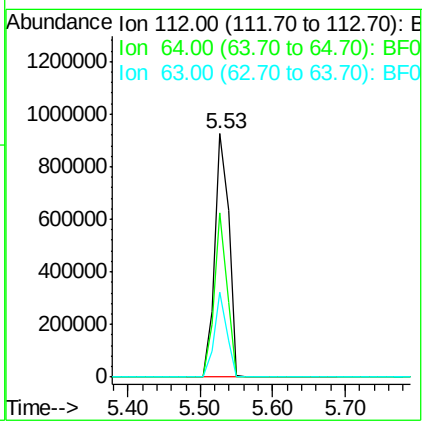


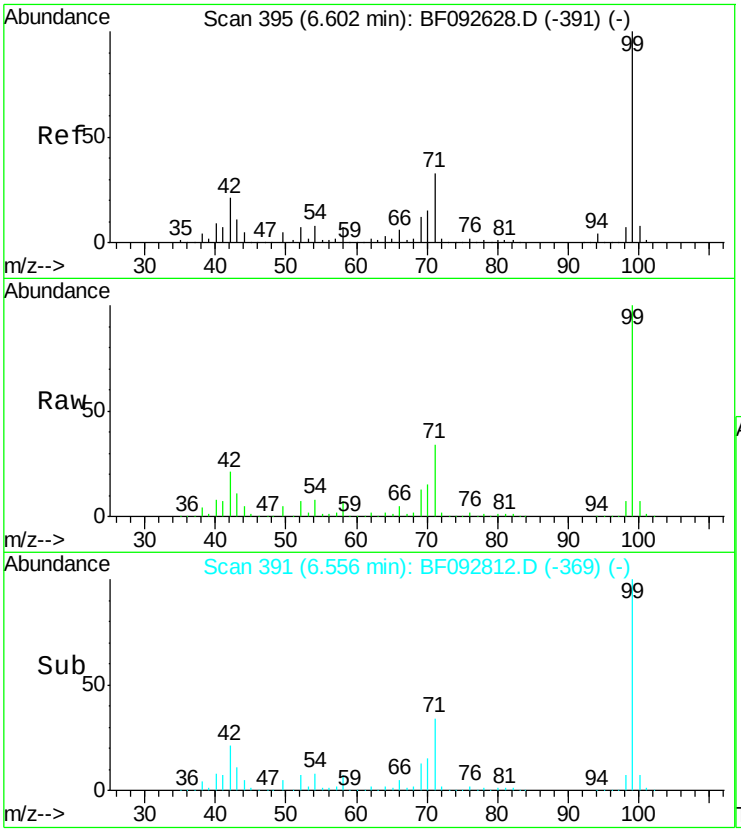


#5
2-Fluorophenol
Concen: 145.13 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:112 Resp: 1253068

Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.1	69.1
63	34.6	23.8	35.6



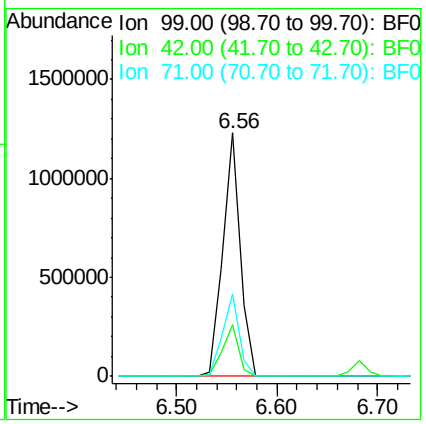


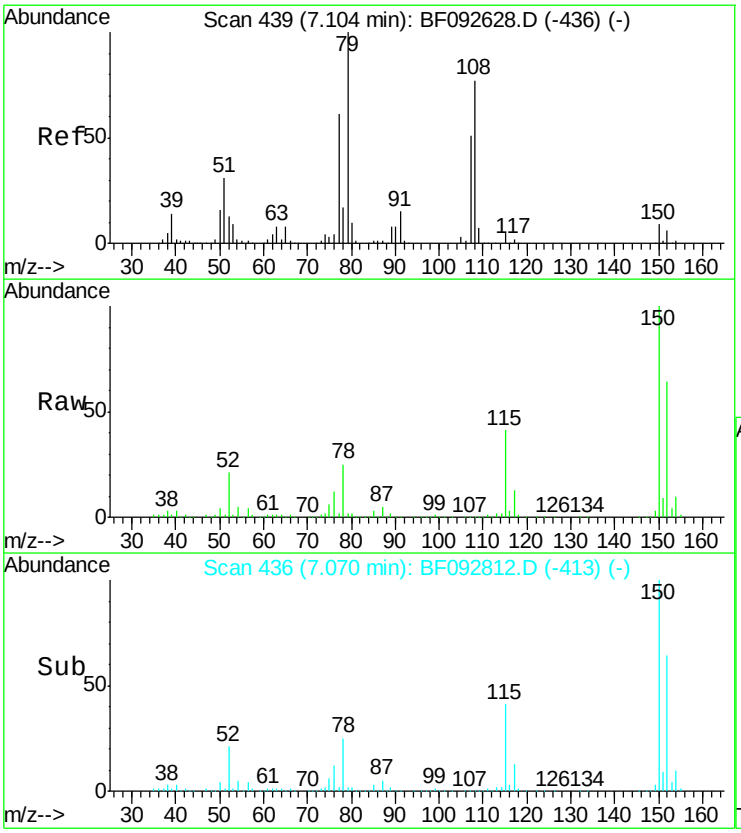
#7
Phenol-d6
Concen: 133.43 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion: 99 Resp: 1482263

Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.6	23.4
71	33.8	27.5	41.3

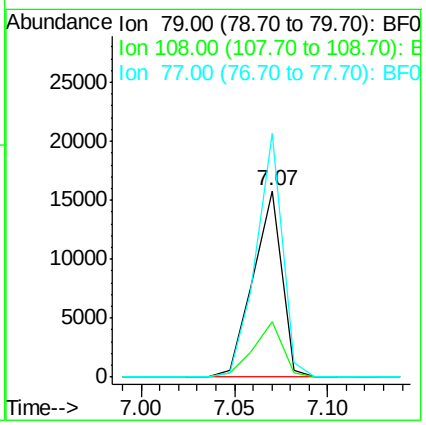


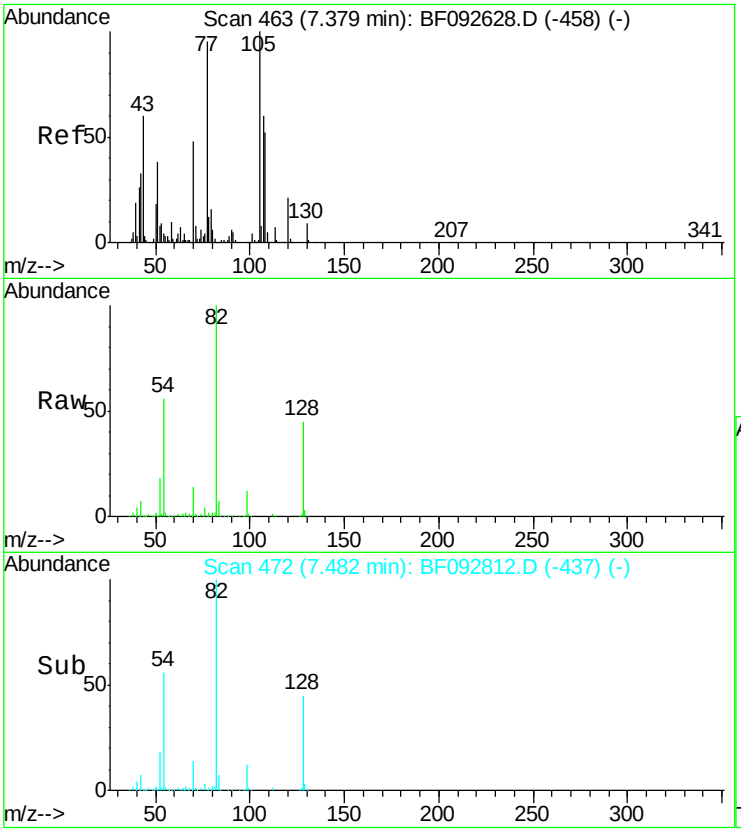


#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion: 79 Resp: 16768

Ion	Ratio	Lower	Upper
79	100		
108	29.8	61.4	92.0#
77	130.7	50.9	76.3#



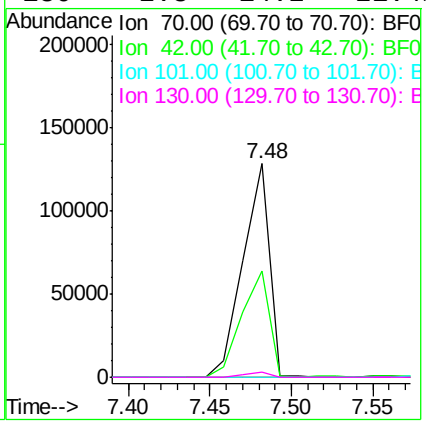


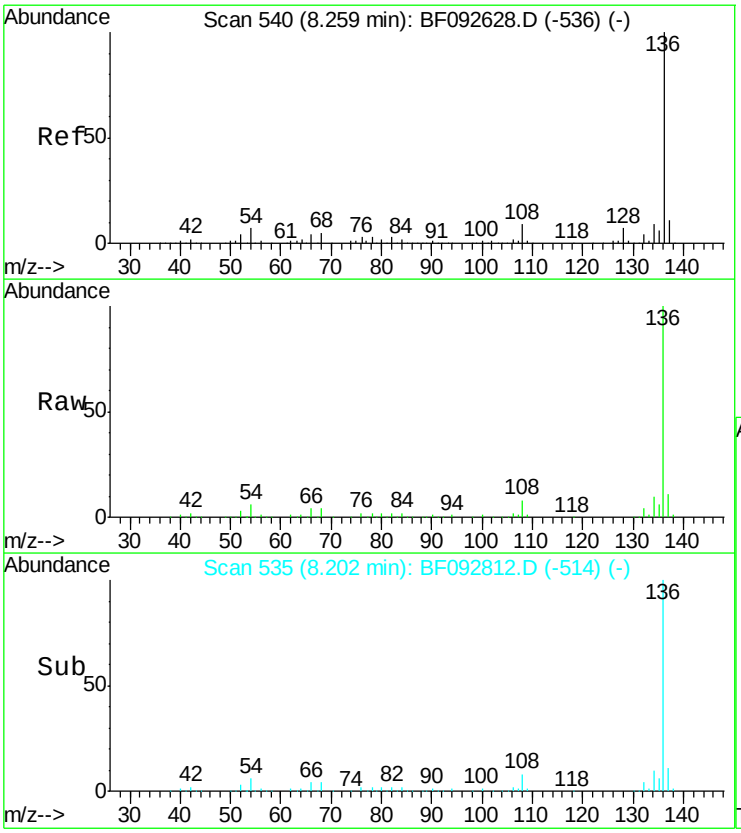
#19
n-Nitroso-di-n-propylamine
Concen: 20.40 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.10 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion: 70 Resp: 144228

Ion	Ratio	Lower	Upper
70	100		
42	49.8	49.4	74.0
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

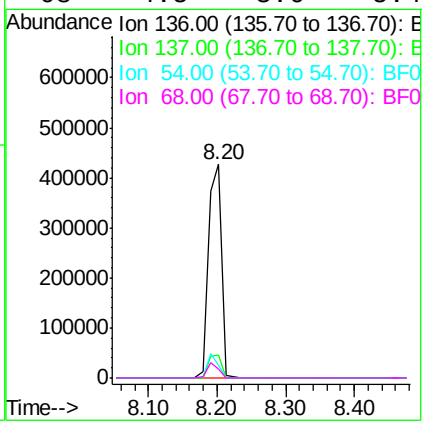


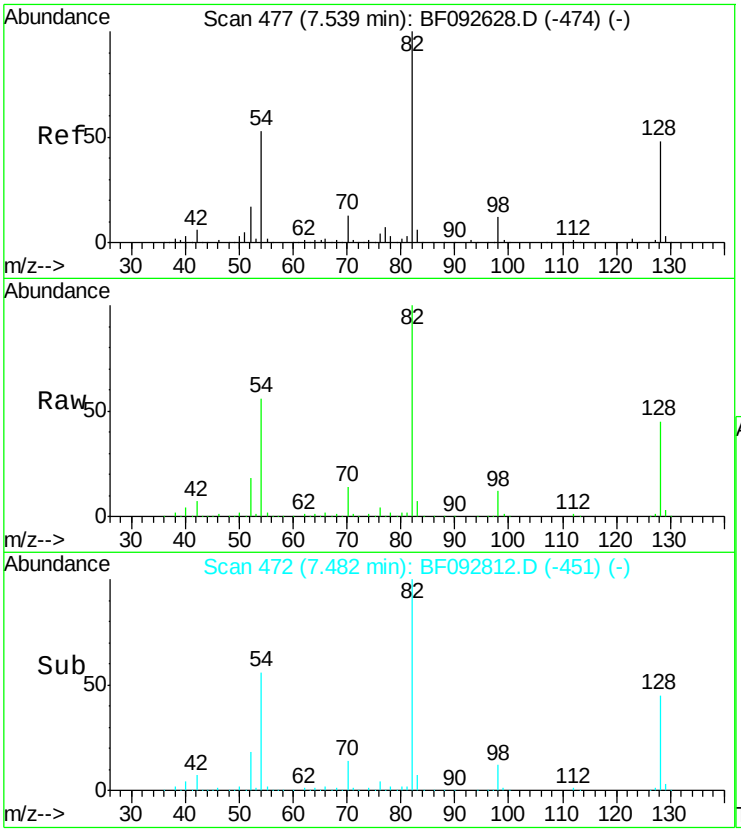


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:136 Resp: 567520

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.3	4.5	6.7
68	4.5	3.6	5.4



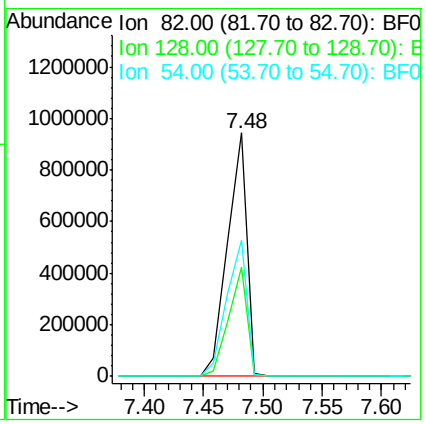


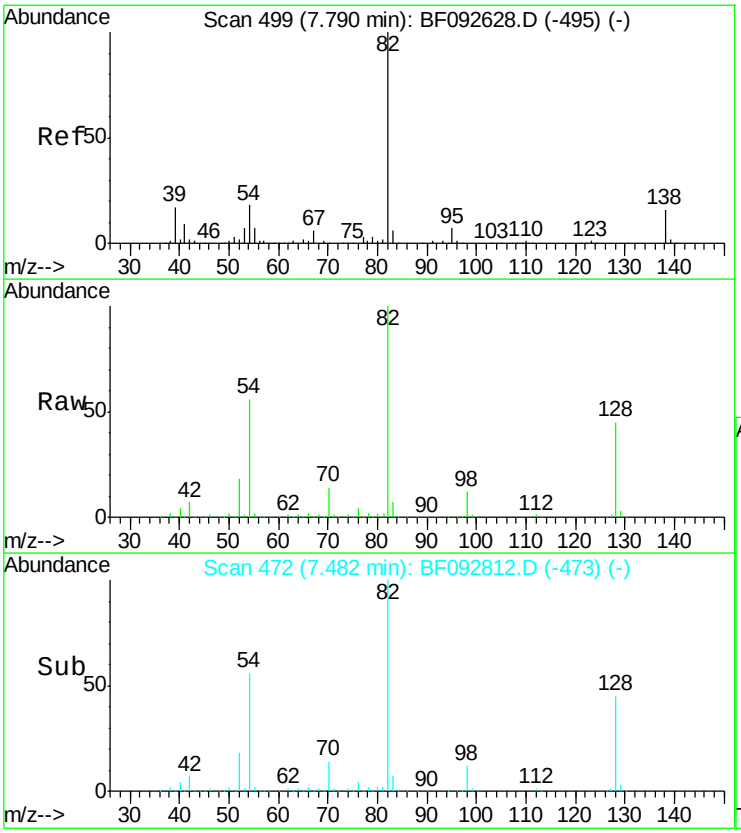
#23
Nitrobenzene-d5
Concen: 104.48 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion: 82 Resp: 1064768

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	52.0
54	56.0	39.5	59.3

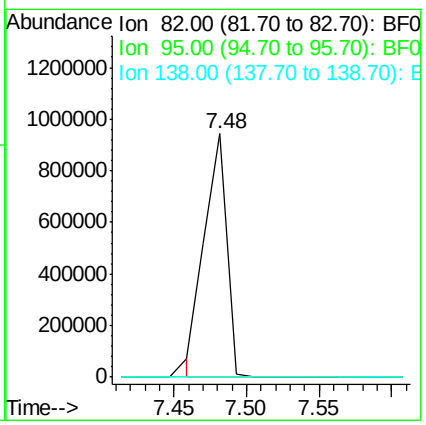


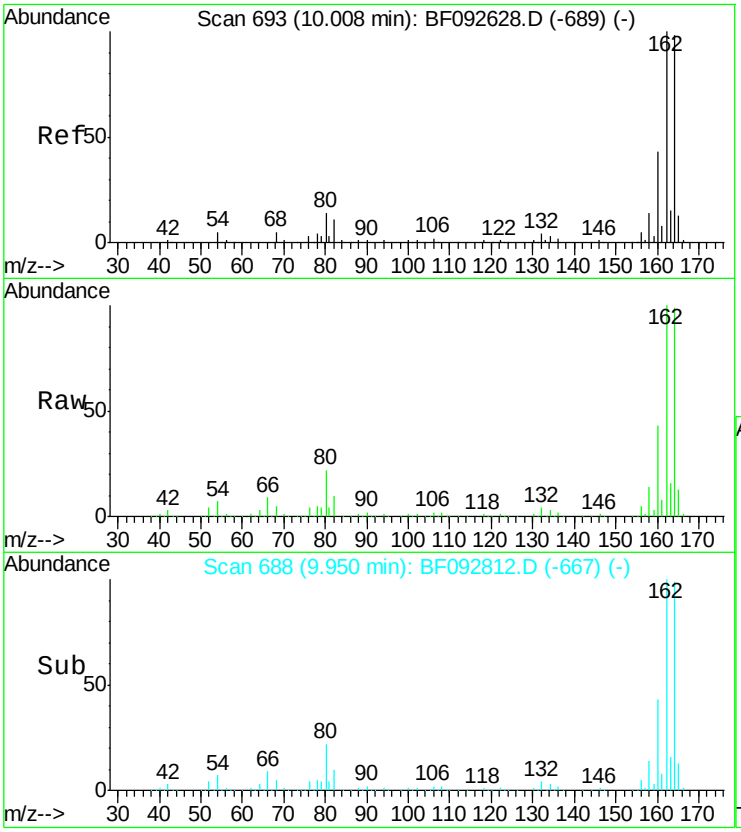


#25
Isophorone
Concen: 53.21 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.31 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion: 82 Resp: 1010494

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



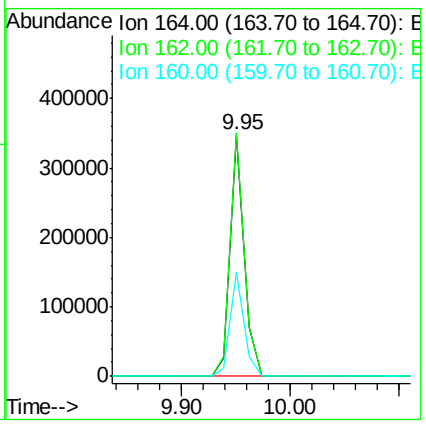


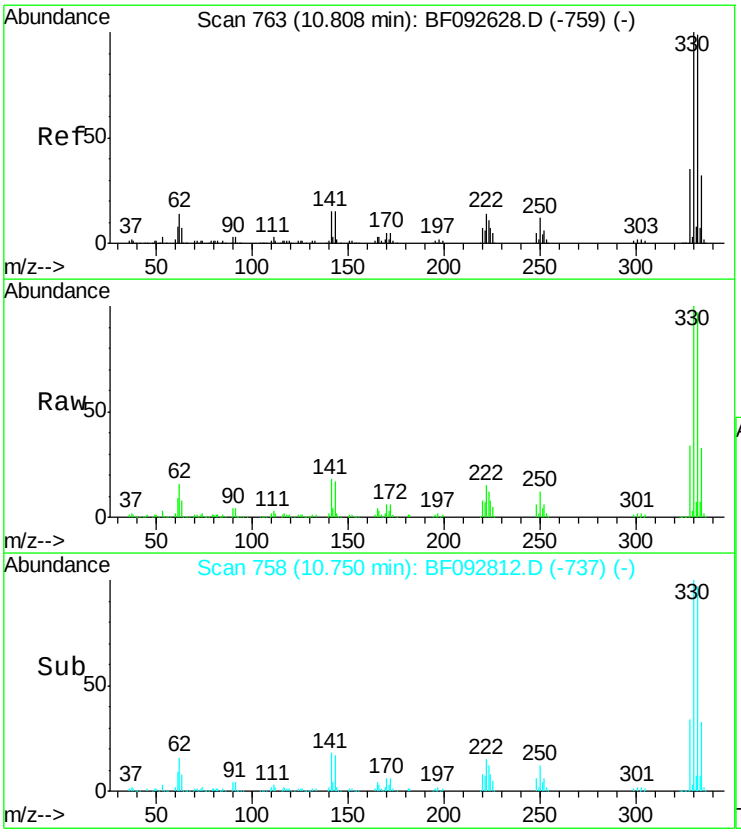
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:164 Resp: 306905

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	43.0	36.9	55.3

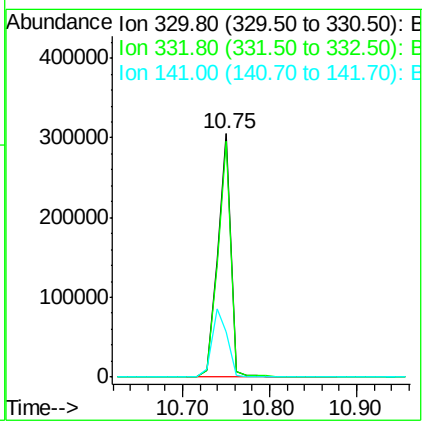


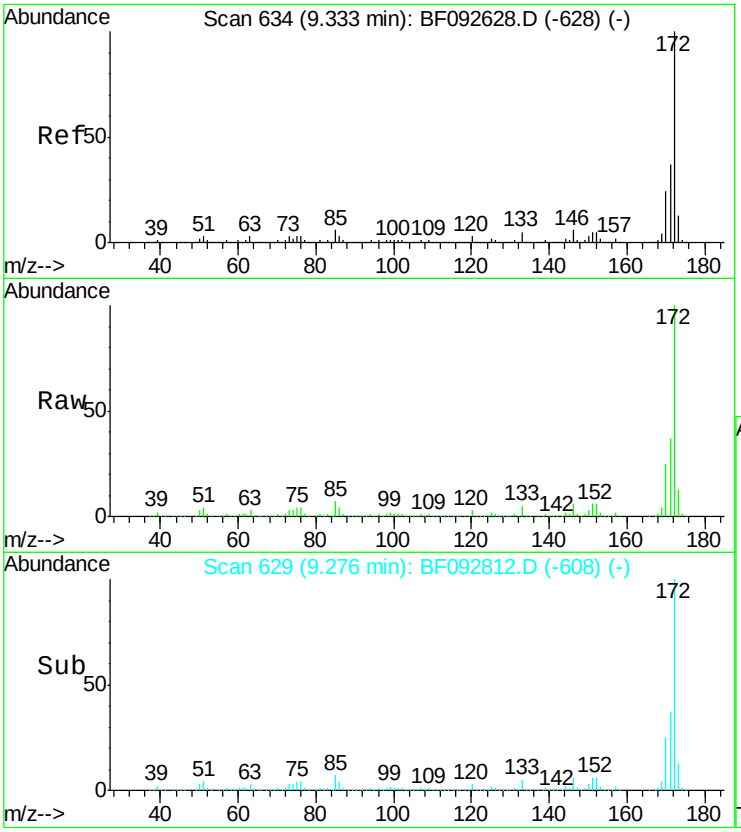


#41
2,4,6-Tribromophenol
Concen: 147.24 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:330 Resp: 326831

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	32.9	34.1	51.1#



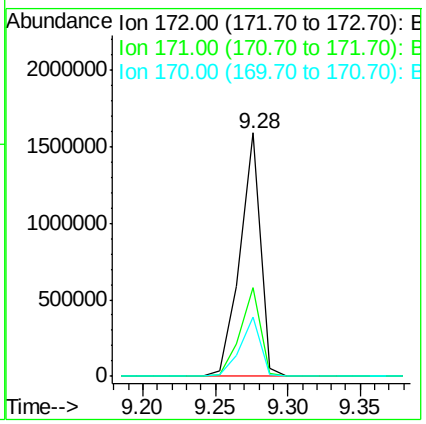


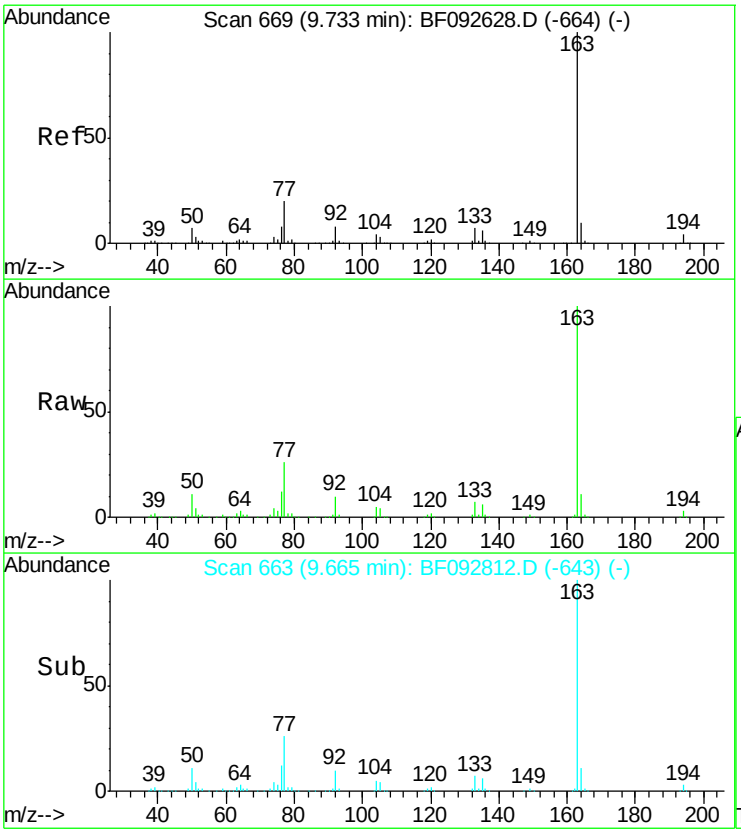
#44
2-Fluorobiphenyl
Concen: 92.20 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:172 Resp: 1561940

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.6	20.2	30.4

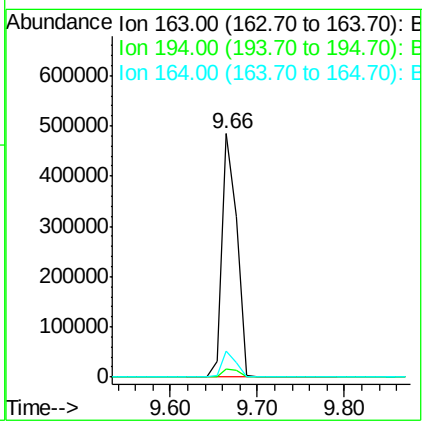


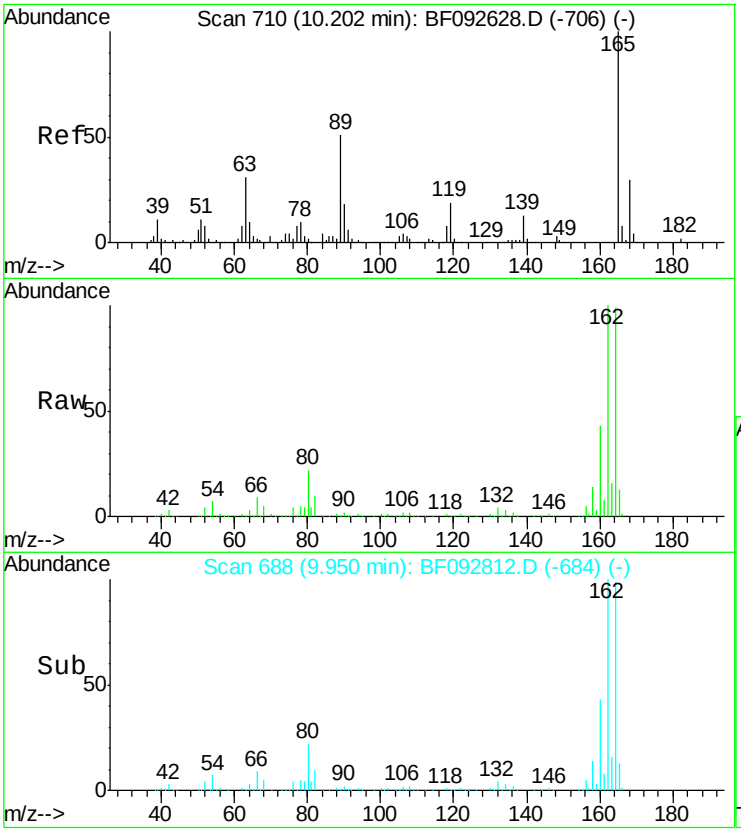


#49
Dimethylphthalate
Concen: 28.05 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:163 Resp: 579797

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.5	8.0	12.0



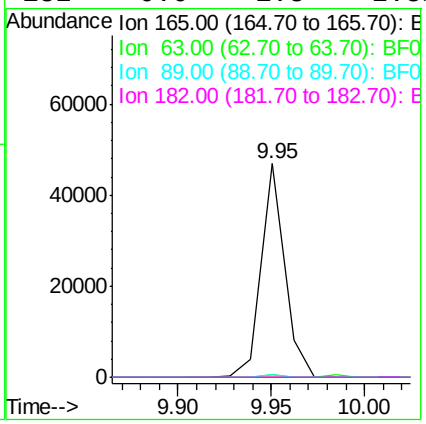


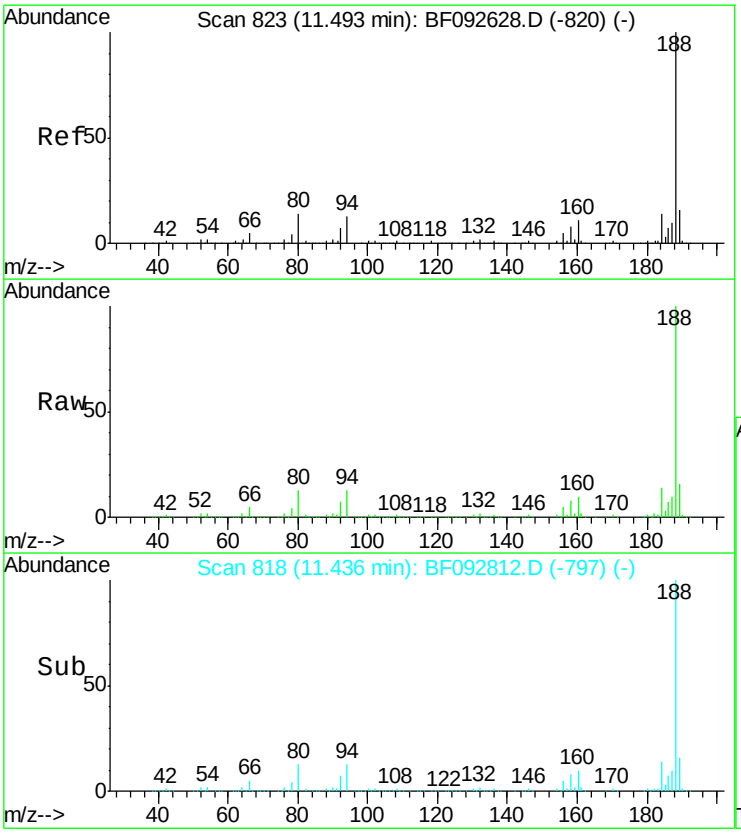
#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.25 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:165 Resp: 40677

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

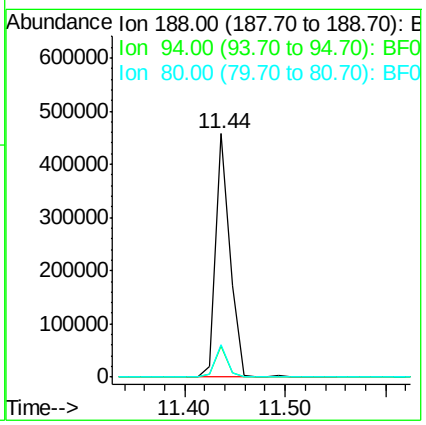


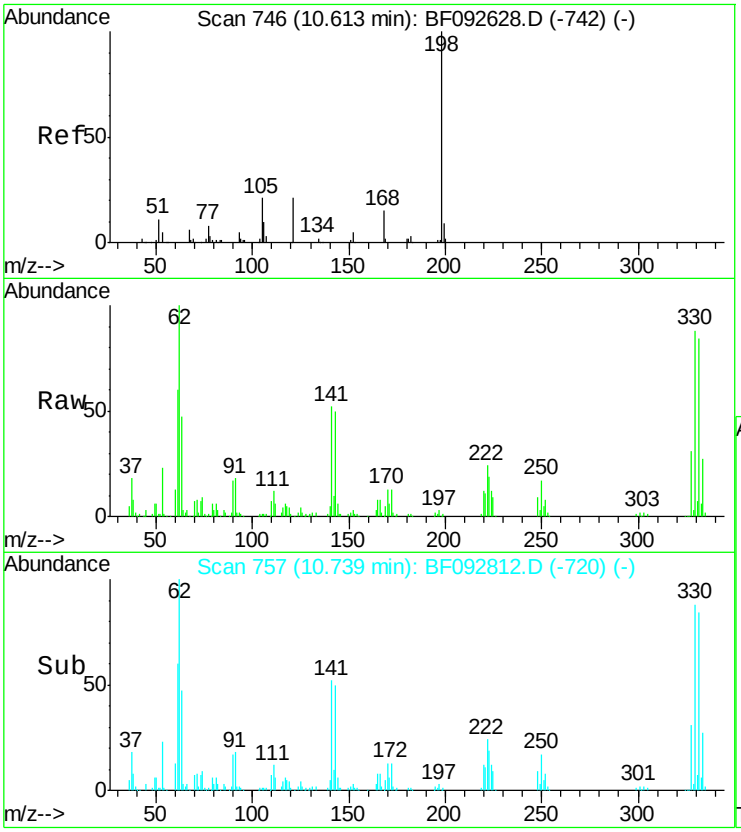


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:188 Resp: 452105

Ion	Ratio	Lower	Upper
188	100		
94	12.5	10.0	15.0
80	13.2	11.2	16.8



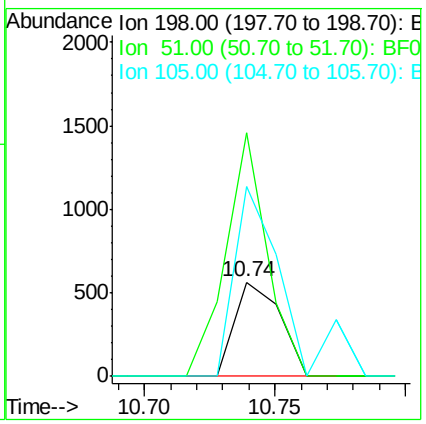


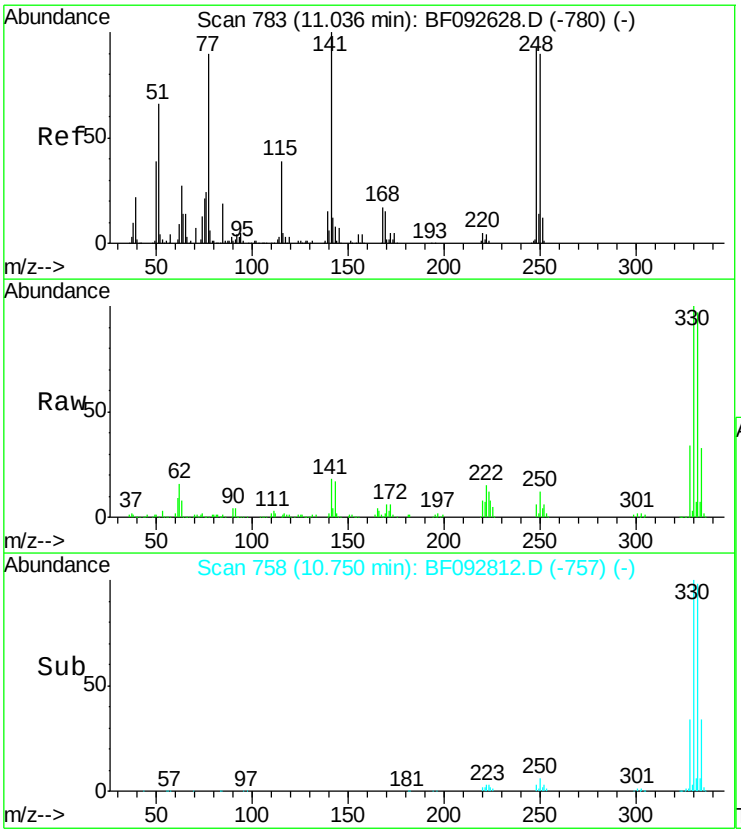
#64
4,6-Dinitro-2-methylphenol
Concen: 2.90 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:198 Resp: 684

Ion	Ratio	Lower	Upper
198	100		
51	258.1	6.7	46.7#
105	200.5	16.6	56.6#

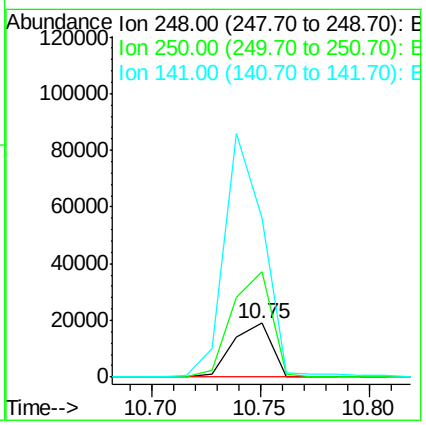


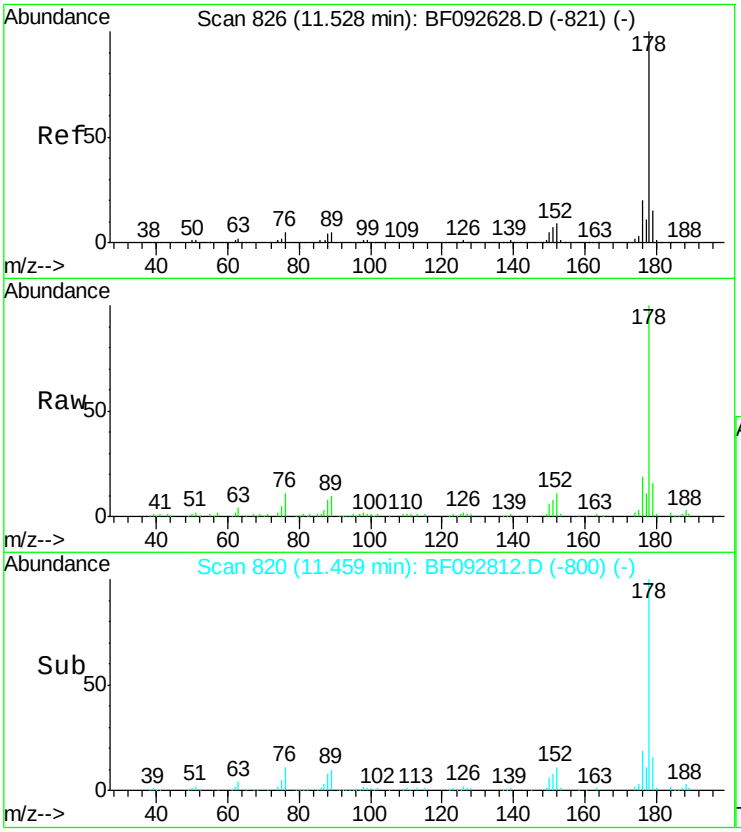


#66
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:248 Resp: 23713

Ion	Ratio	Lower	Upper
248	100		
250	195.1	76.9	115.3#
141	294.3	68.2	102.4#



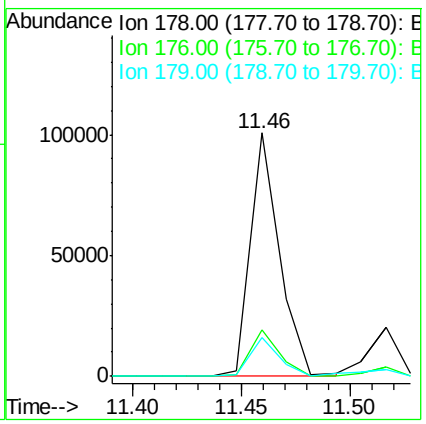


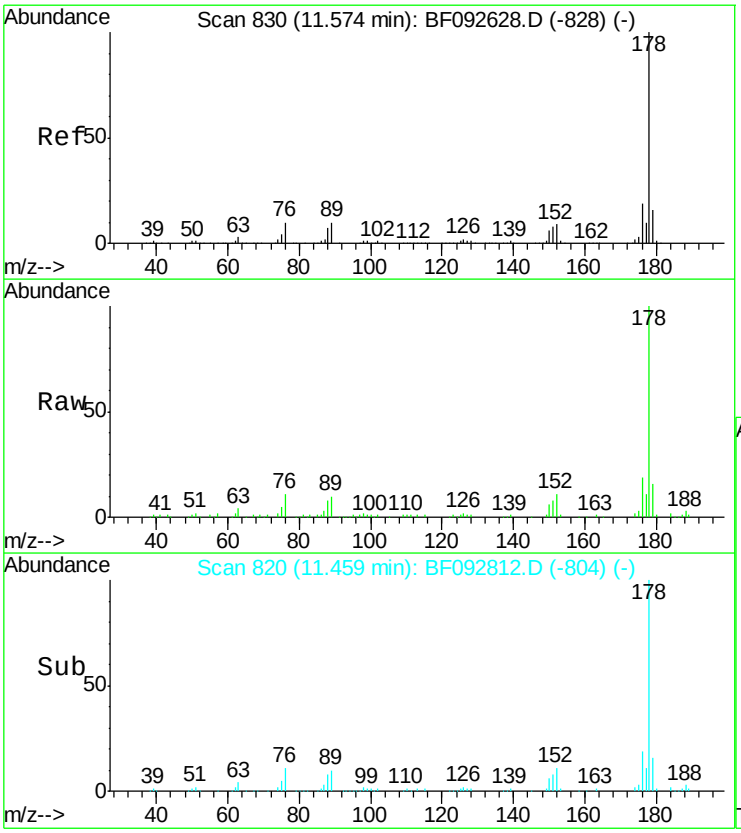
#70
Phenanthrene
Concen: 3.62 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.07 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:178 Resp: 93814

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	16.2	12.8	19.2

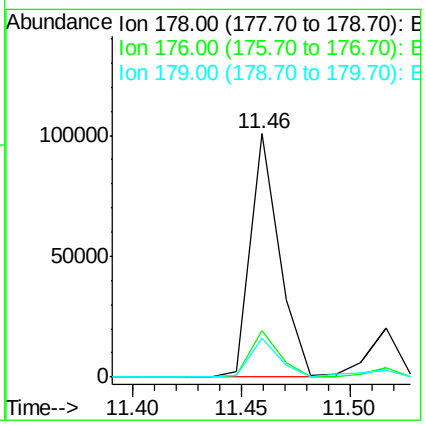


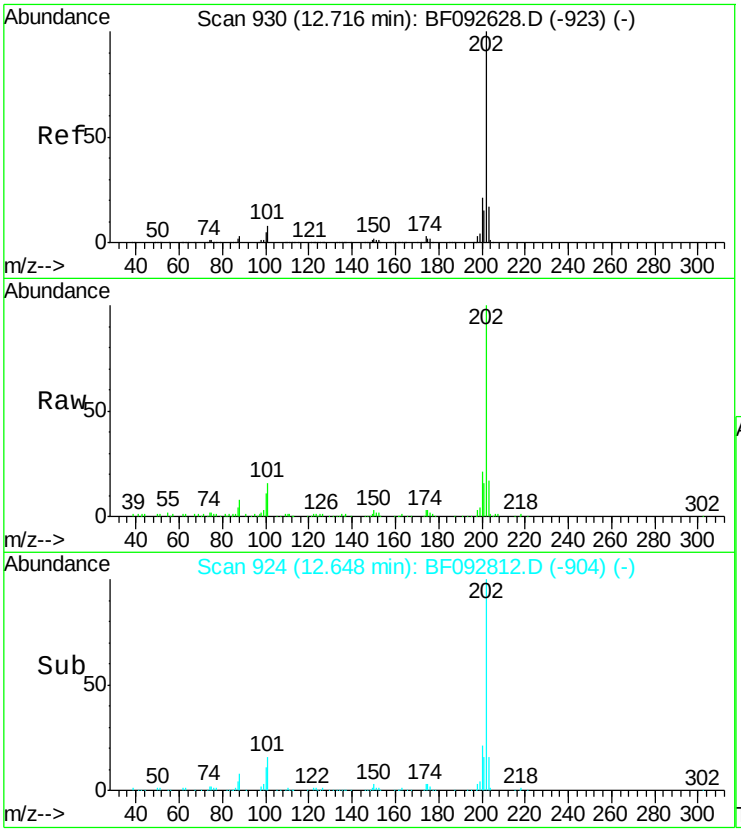


#71
Anthracene
Concen: 3.61 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.11 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:178 Resp: 93814

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	16.2	13.2	19.8



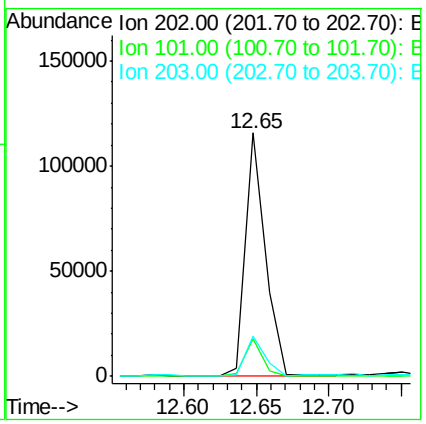


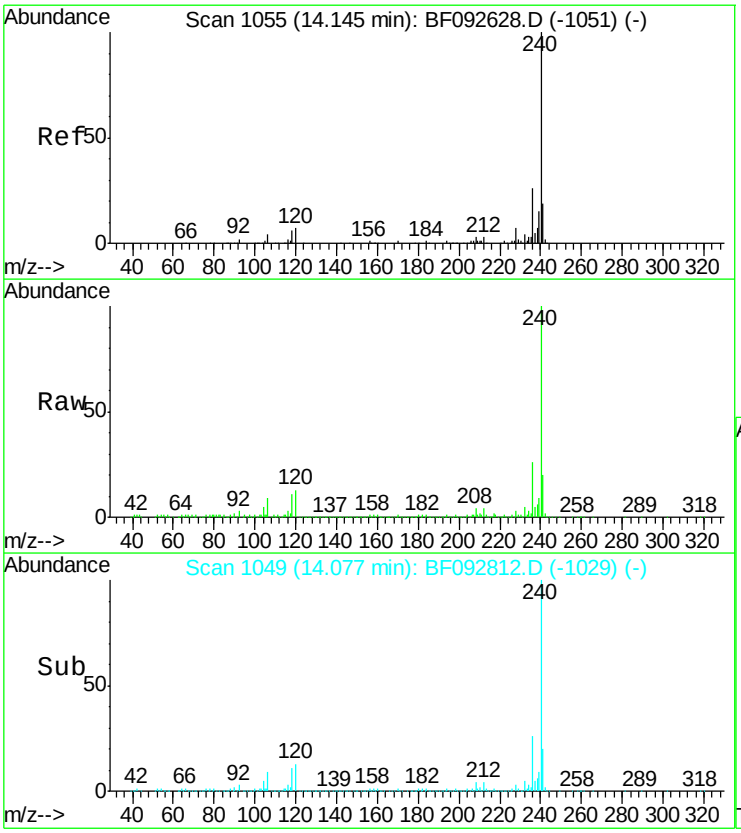
#74
Fluoranthene
Concen: 4.17 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.07 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:202 Resp: 111515

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.6
203	16.7	0.0	38.7

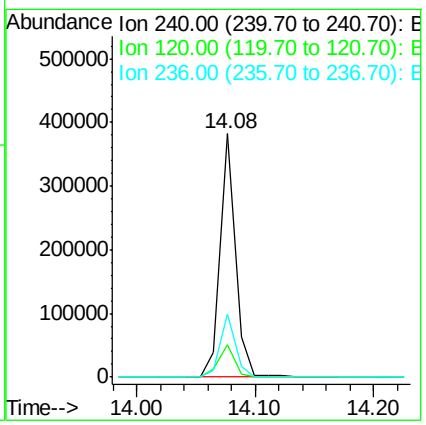


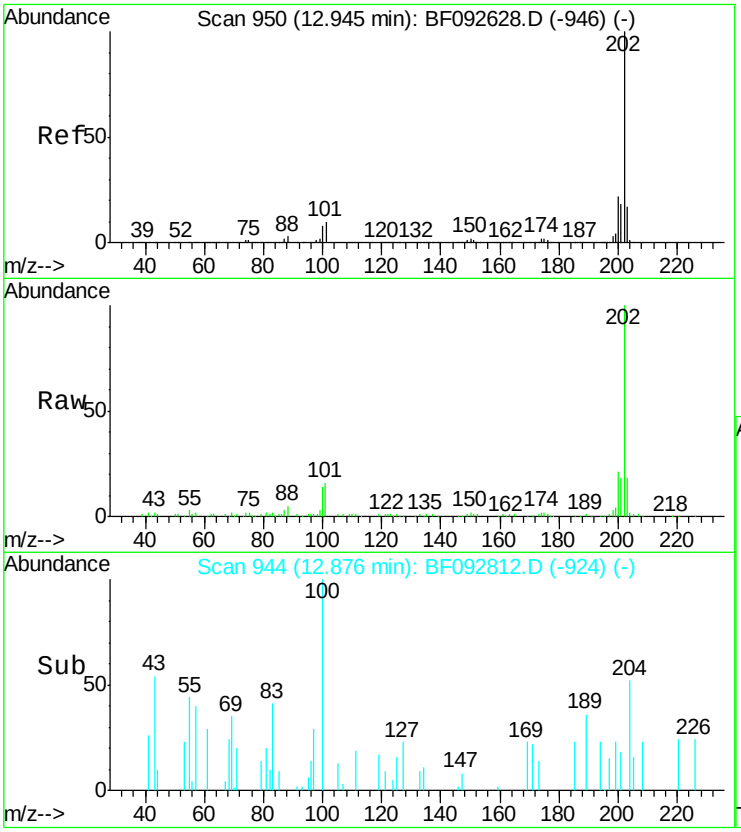


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.07 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:240 Resp: 339664

Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.9	19.3
236	25.9	20.9	31.3



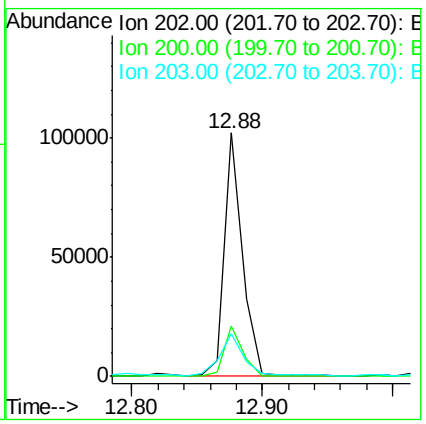


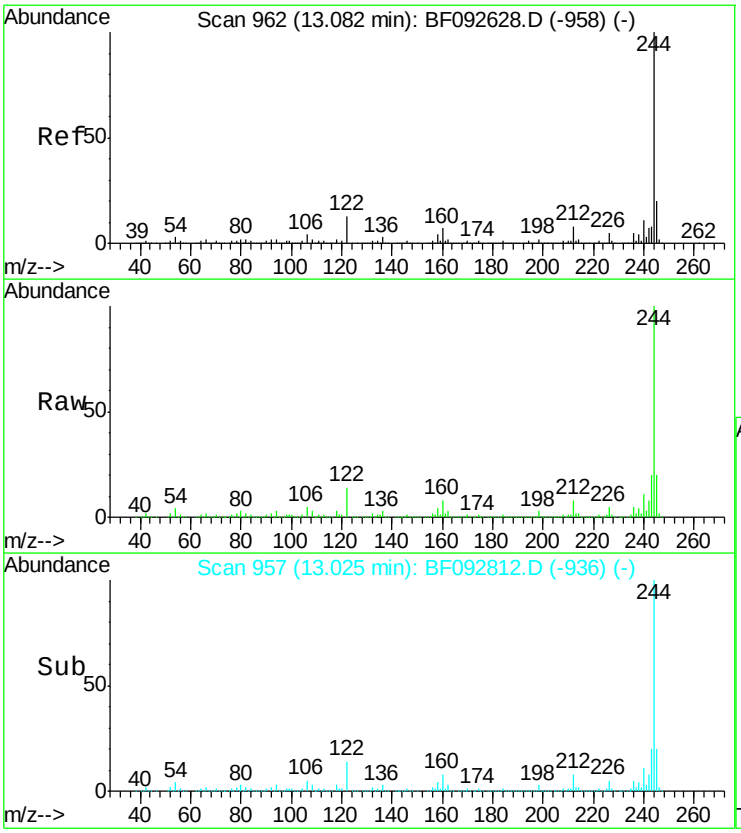
#77
Pyrene
Concen: 3.90 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.07 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:202 Resp: 99027

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.7	14.7	22.1

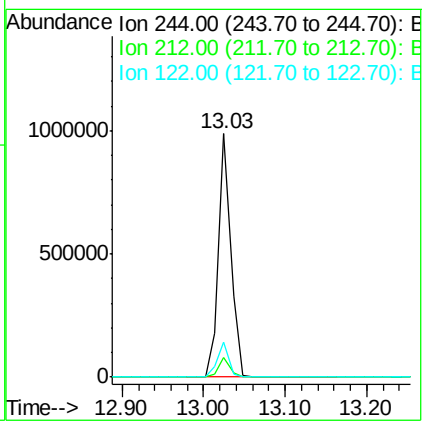


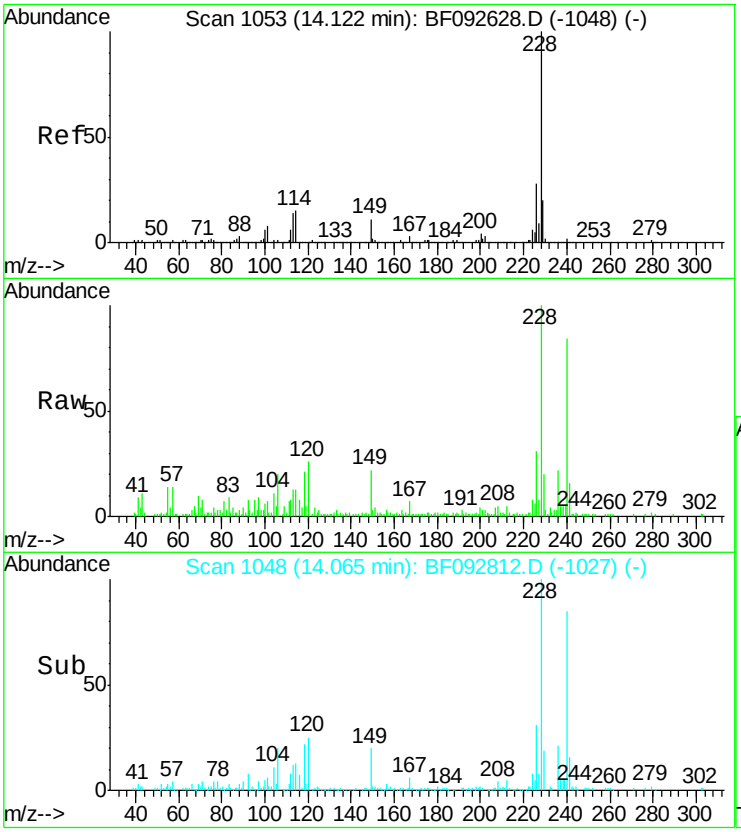


#78
Terphenyl-d14
Concen: 71.96 ng
RT: 13.03 min Scan# 957
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:244 Resp: 1040313

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.2	11.4	17.2



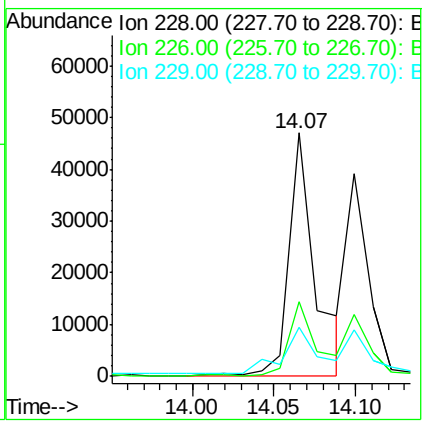


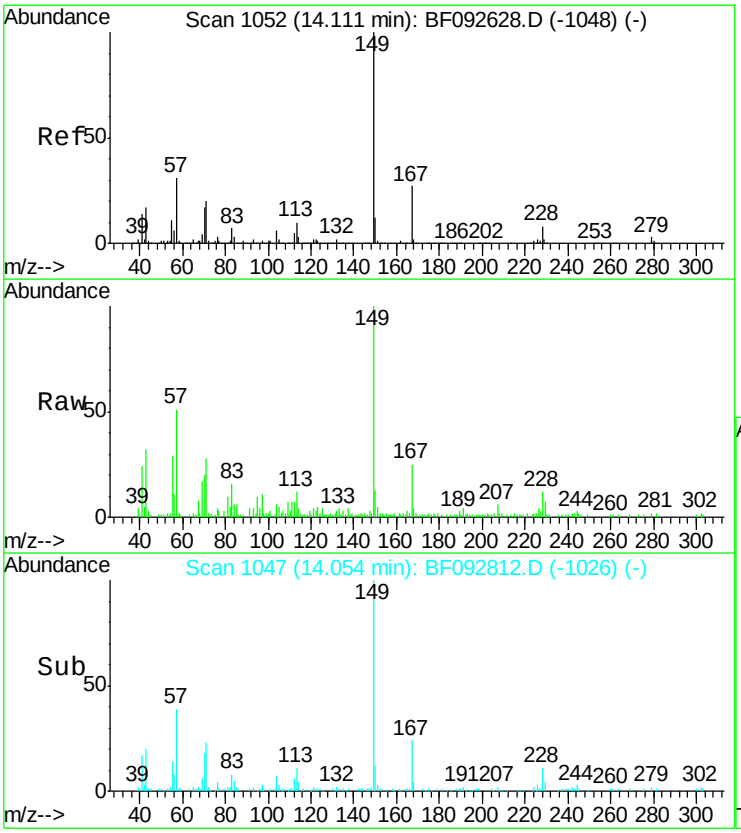
#80
Benzo(a)anthracene
Concen: 2.57 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:228 Resp: 53440

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.4	33.6
229	20.2	16.2	24.4

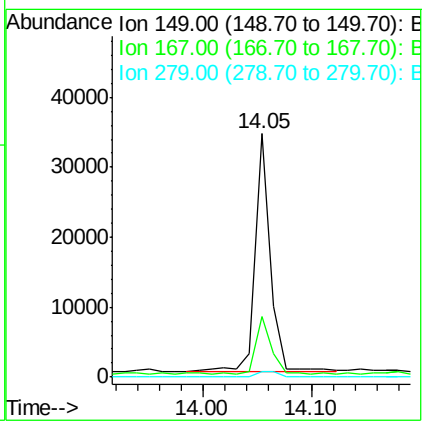


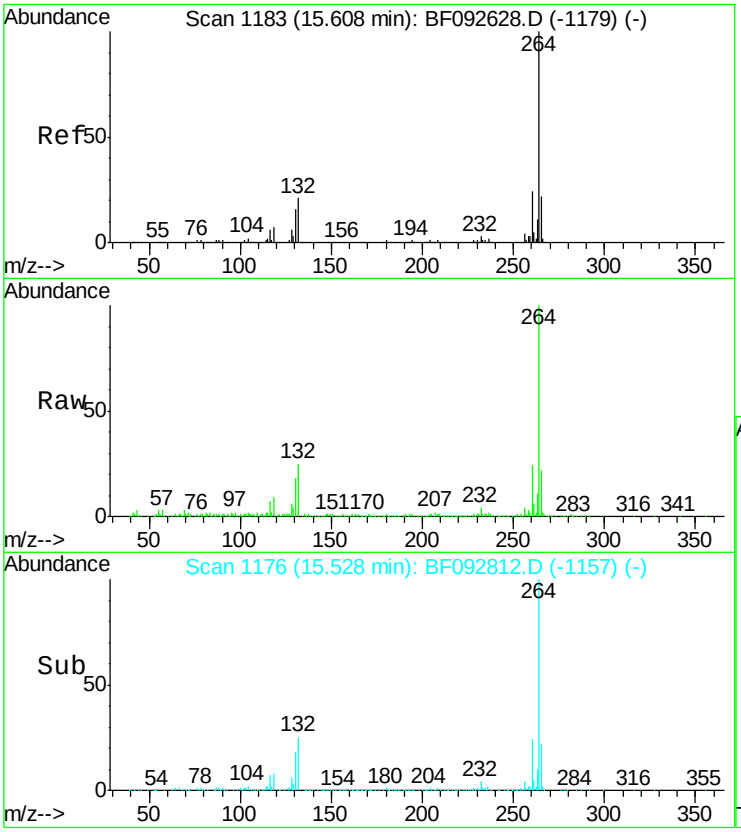


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.34 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.06 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:149 Resp: 33001

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.2	30.4
279	2.1	1.8	2.8



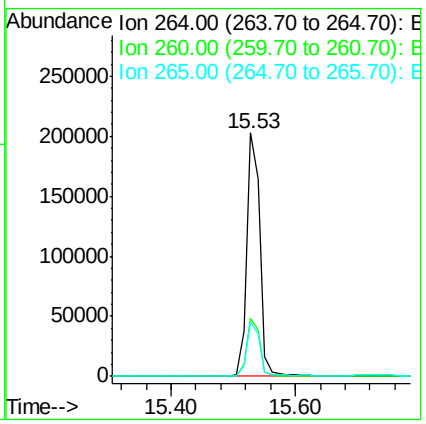


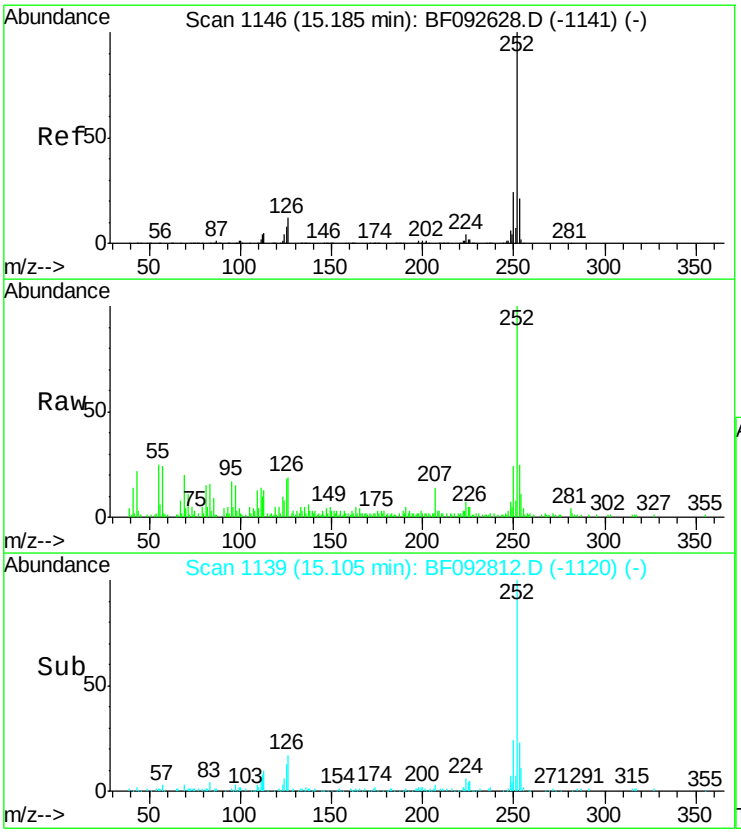
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:264 Resp: 299574

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.4	26.0

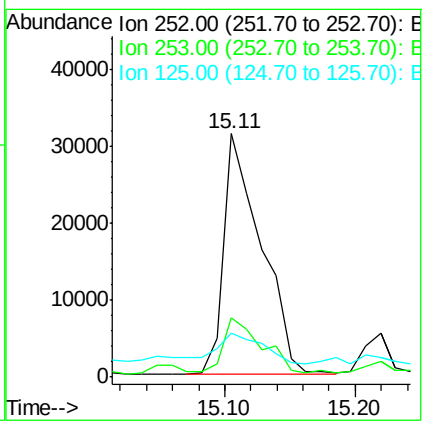


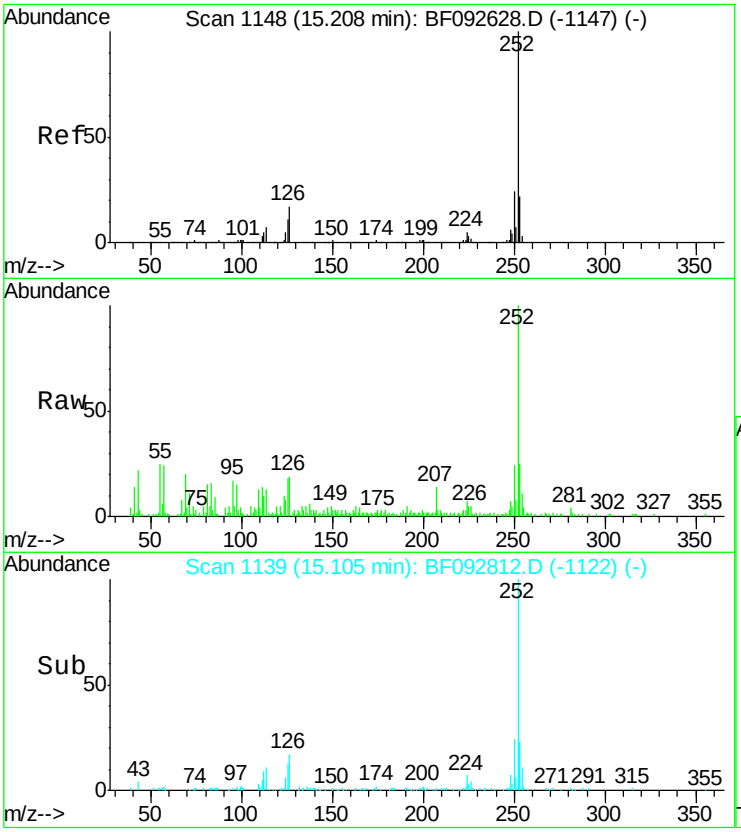


#87
Benzo(b)fluoranthene
Concen: 3.21 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.08 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Tgt Ion:252 Resp: 63278

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.4
125	18.3	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 3.72 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.10 min
Lab File: BF092812.D
Acq: 6 Feb 2017 22:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tgt Ion:252 Resp: 63278

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	18.3	8.9	13.3#