Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
Data File : BF090827.D
Acq On : 26 Oct 2016 00:16
Operator : UM/SJ
Sample : H5396-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P2-S1

Quant Time: Oct 26 00:59:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	188120	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	761637	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	358554	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	568581	20.00	ng		0.00
75) Chrysene-d12	13.96	240	377425	20.00	ng		0.00
86) Perylene-d12	15.38	264	351528	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1270693	108.94	ng		0.01
7) Phenol-d6	6.44	99	1547553	97.95	ng		0.00
23) Nitrobenzene-d5	7.37	82	908718	65.44	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	351696	123.93	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1472942	63.77	ng		-0.01
78) Terphenyl-d14	12.91	244	1145842	69.58	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	115699	9.83	ng	#	48
32) Benzoic acid	7.87	122	2078	7.78	ng	#	34
49) Dimethylphthalate	9.56	163	604297	26.82	ng	#	97
55) 4-Nitrophenol	10.04	139	2310	6.56	ng	#	25
56) 2,4-Dinitrotoluene	9.84	165	46664	7.88	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.62	198	498	4.30	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	21835	3.96	ng	#	1
70) Phenanthrene	11.34	178	101363	3.50	ng		97
74) Fluoranthene	12.53	202	176299	6.29	ng		93
77) Pyrene	12.76	202	151816	5.76	ng		97
80) Benzo(a)anthracene	13.95	228	75935	3.68	ng		93
82) Chrysene	13.99	228	58391	2.90	ng		93
87) Benzo(b)fluoranthene	14.98	252	118473	5.48	ng	#	89
88) Benzo(k)fluoranthene	14.98	252	118473	5.45	ng	#	90
89) Benzo(a)pyrene	15.32	252	56889	2.81	ng	#	86

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Time: Oct 26 00:59:07 2016
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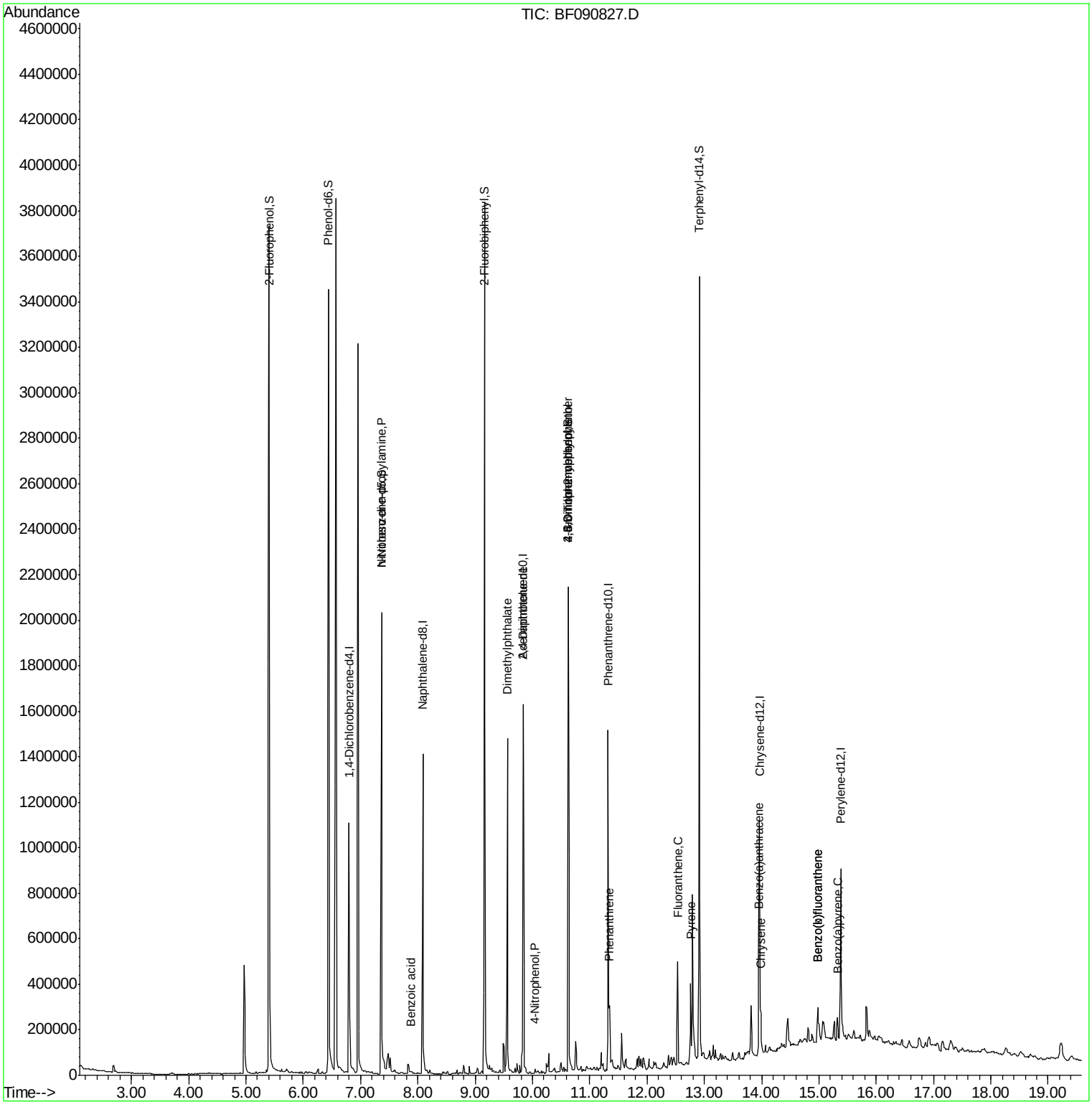
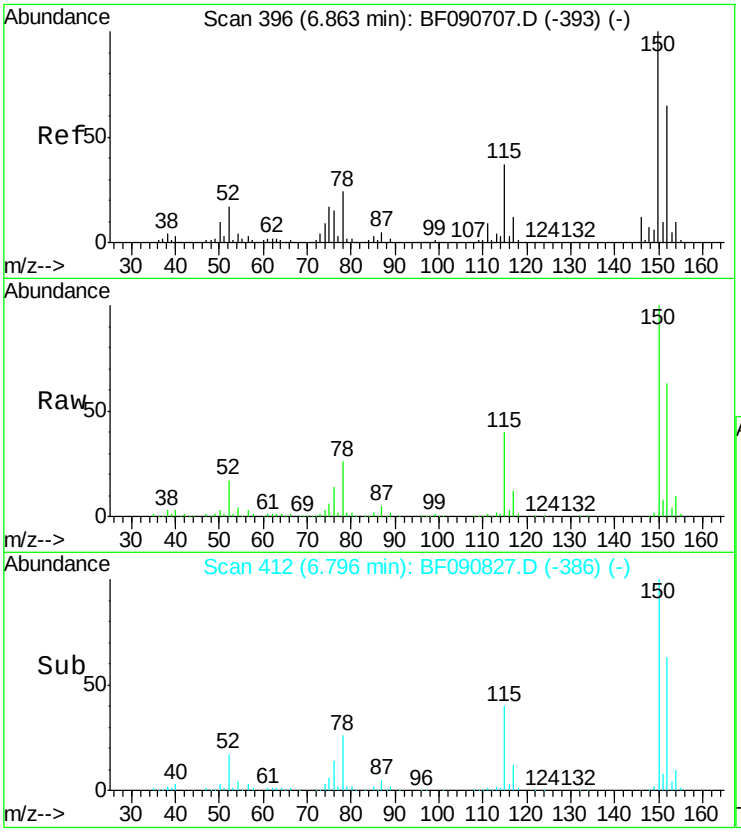
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration



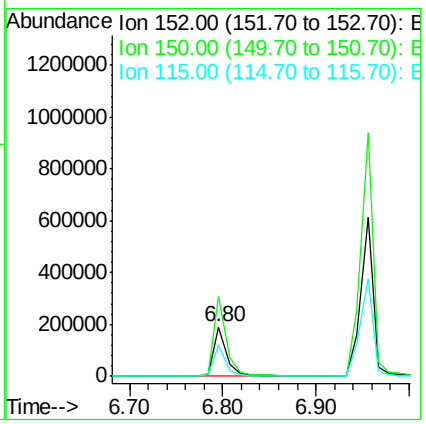


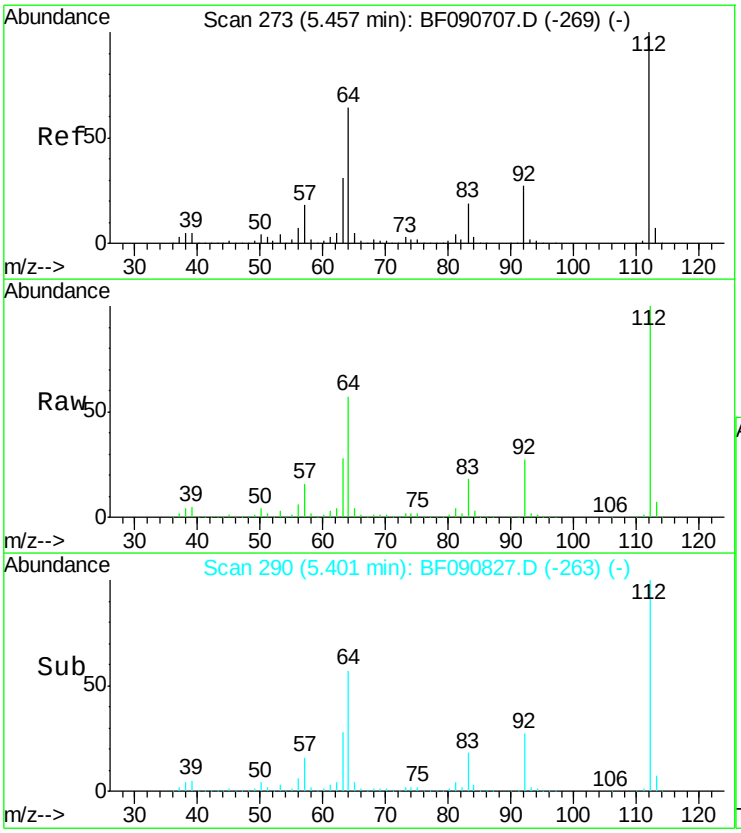
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:152 Resp: 188120

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	63.4	39.0	58.4#

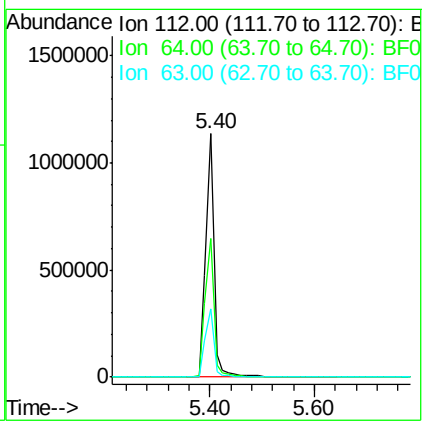


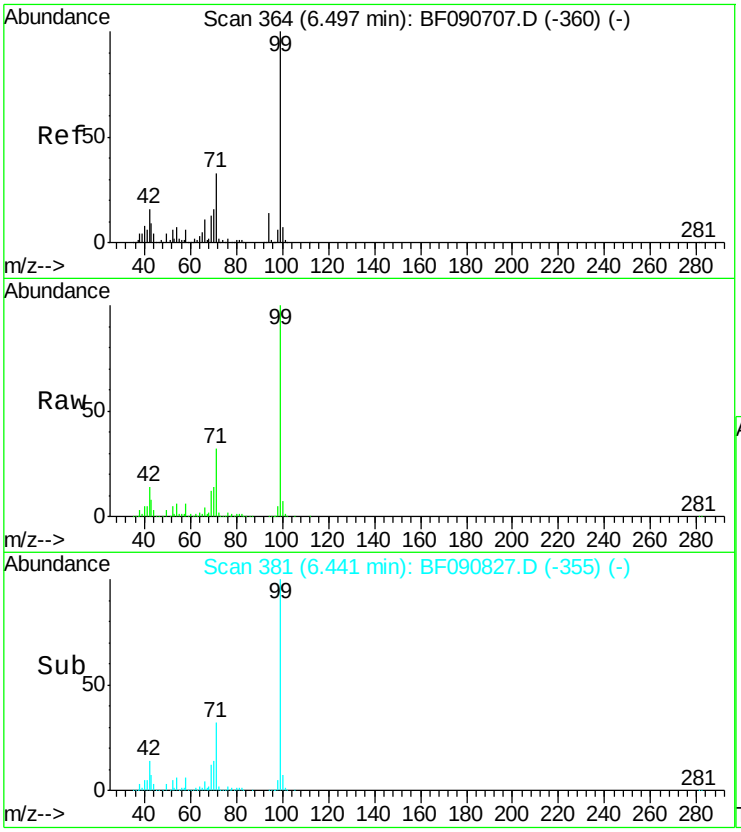


#5
2-Fluorophenol
Concen: 108.94 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:112 Resp: 1270693

Ion	Ratio	Lower	Upper
112	100		
64	57.1	39.7	59.5
63	28.2	17.4	26.0#



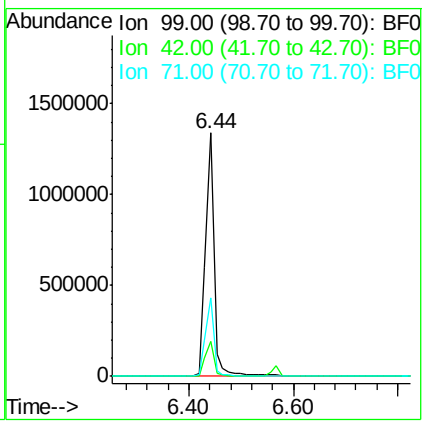


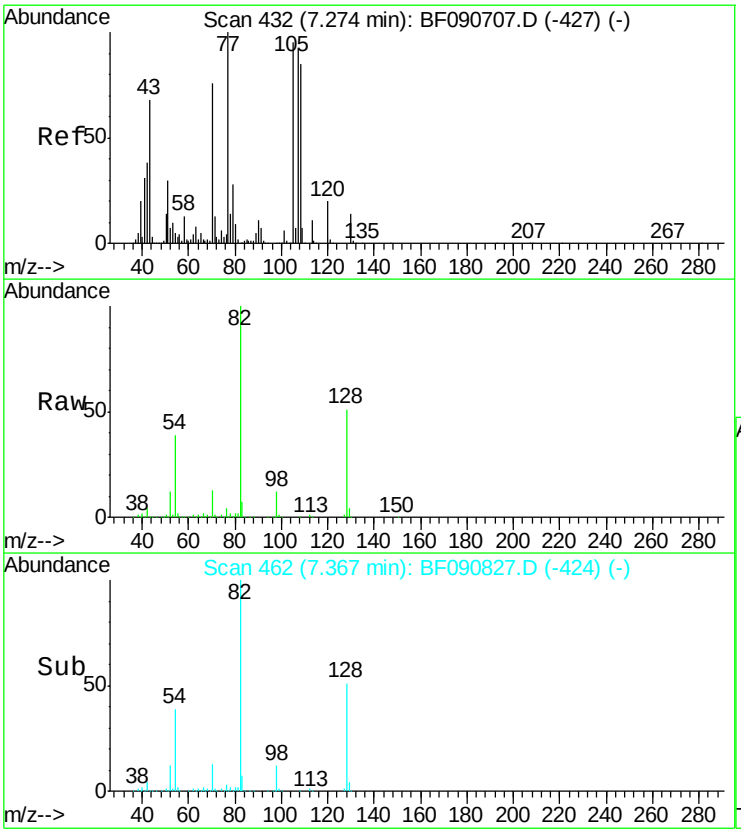
#7
Phenol-d6
Concen: 97.95 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion: 99 Resp: 1547553

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.7	20.5
71	32.1	14.2	21.2#

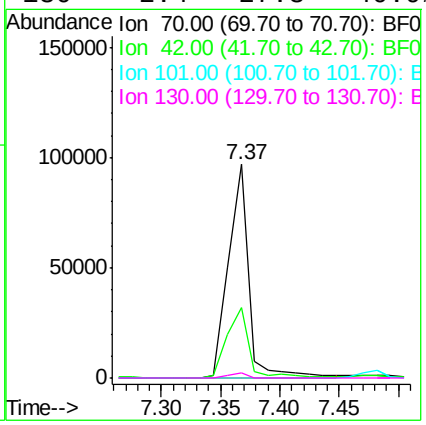


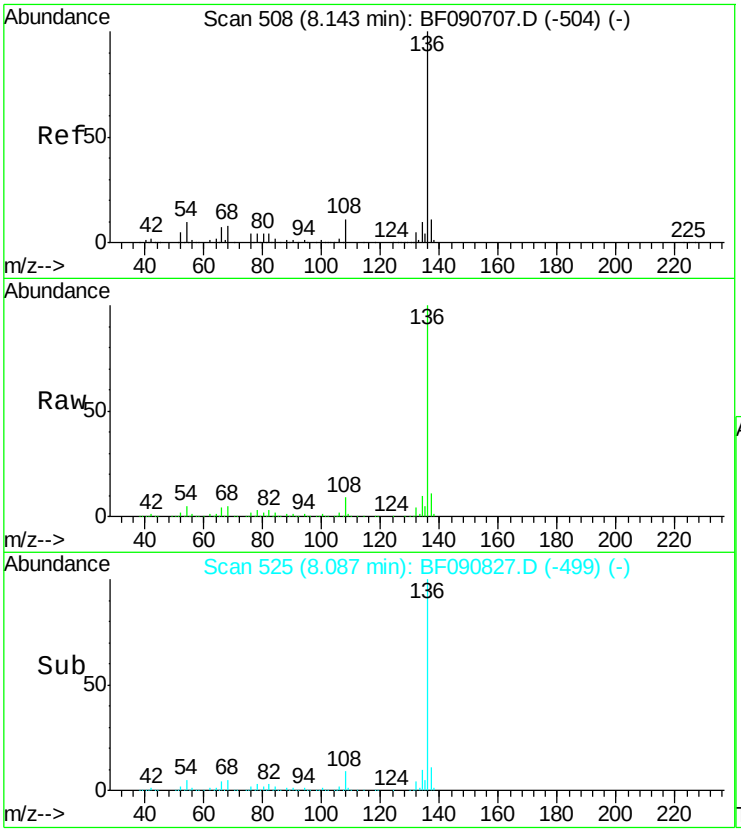


#19
n-Nitroso-di-n-propylamine
Concen: 9.83 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion: 70 Resp: 115699

Ion	Ratio	Lower	Upper
70	100		
42	33.0	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#



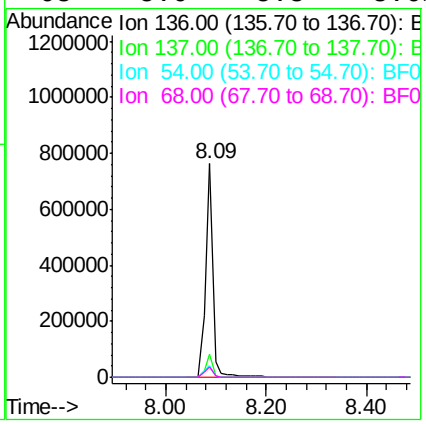


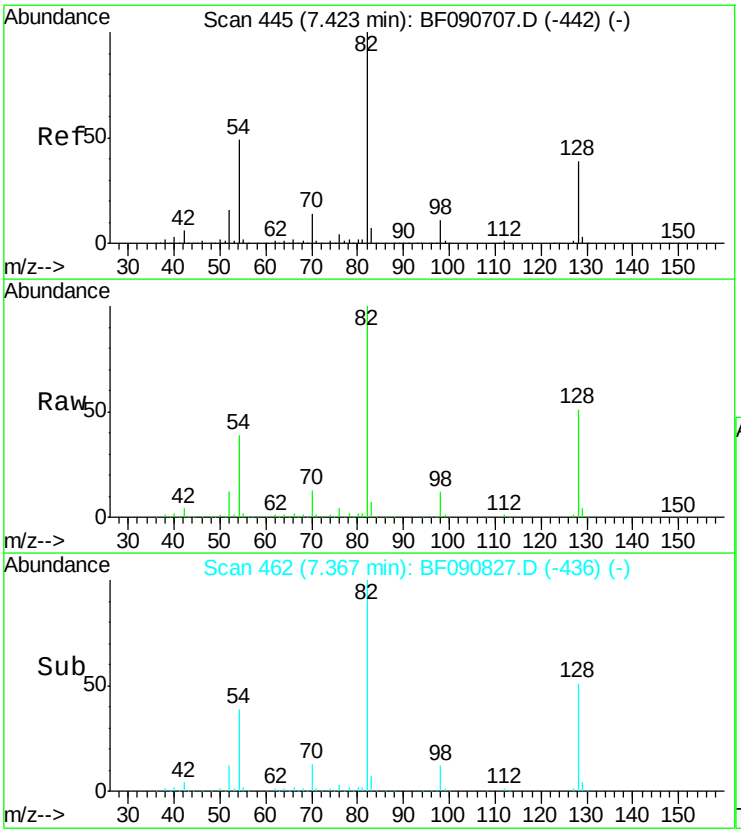
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:136 Resp: 761637

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.2	8.2	12.2#
68	5.0	5.8	8.6#

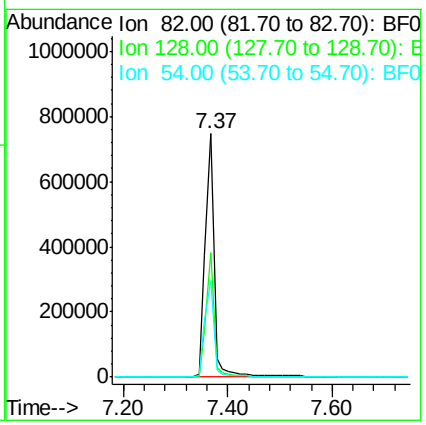


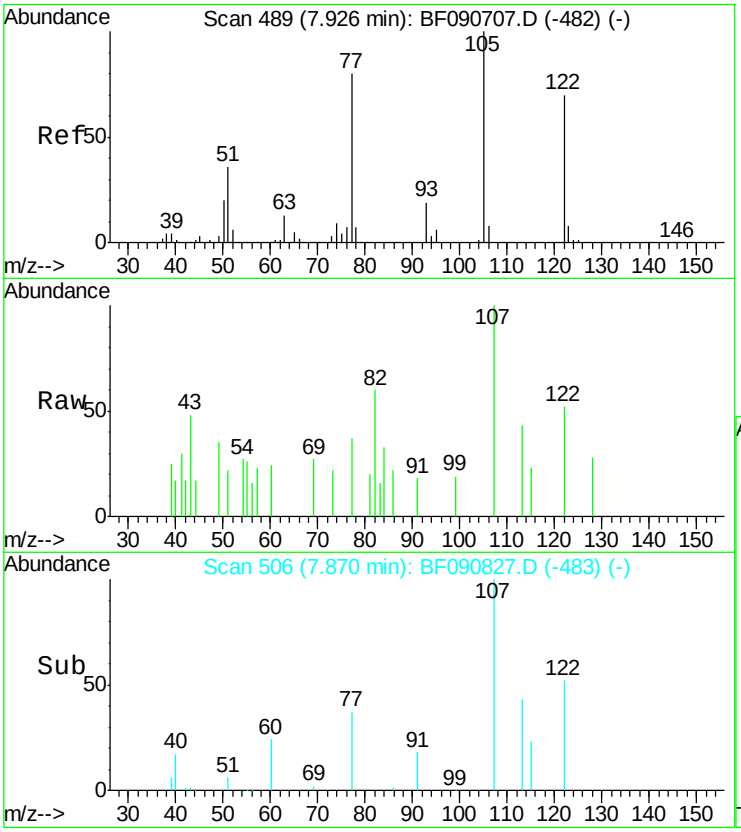


#23
Nitrobenzene-d5
Concen: 65.44 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion: 82 Resp: 908718

Ion	Ratio	Lower	Upper
82	100		
128	51.0	51.0	76.6#
54	39.4	47.5	71.3#



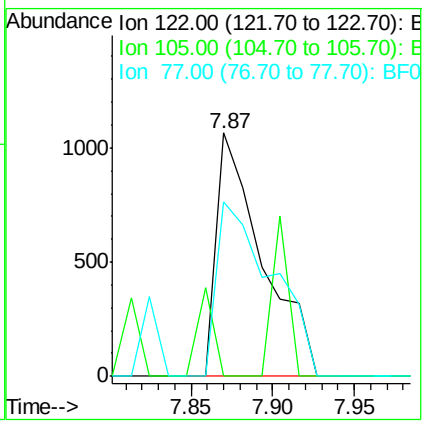


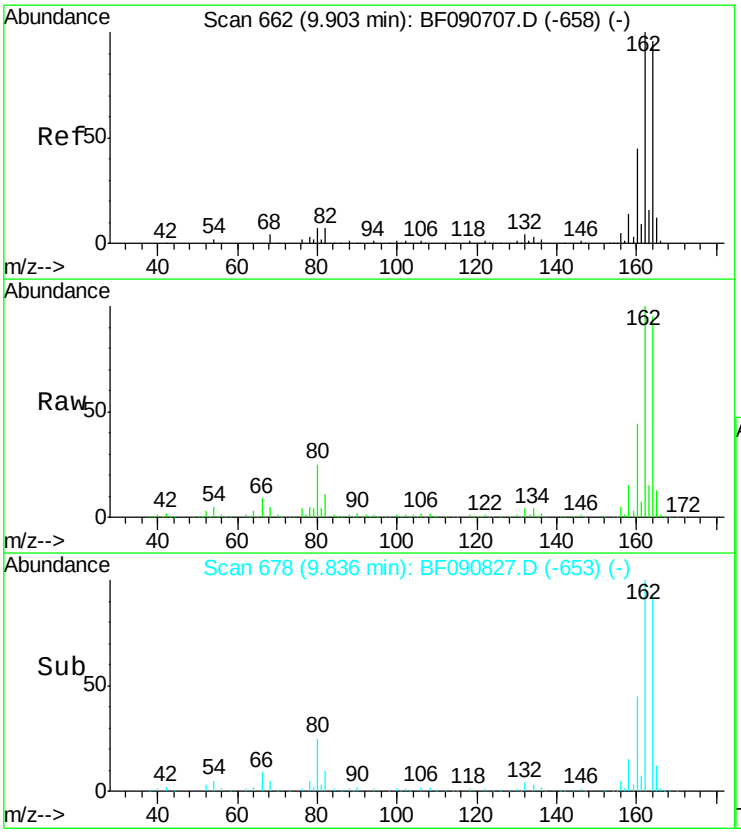
#32
Benzoic acid
Concen: 7.78 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:122 Resp: 2078

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	71.7	40.5	80.5

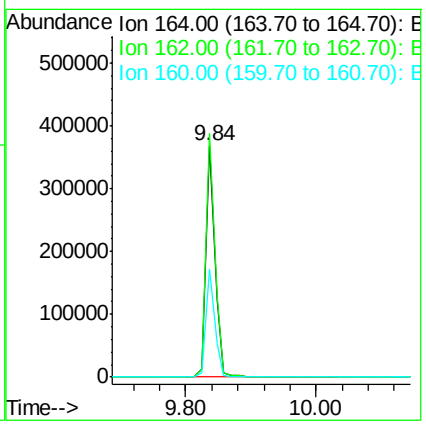


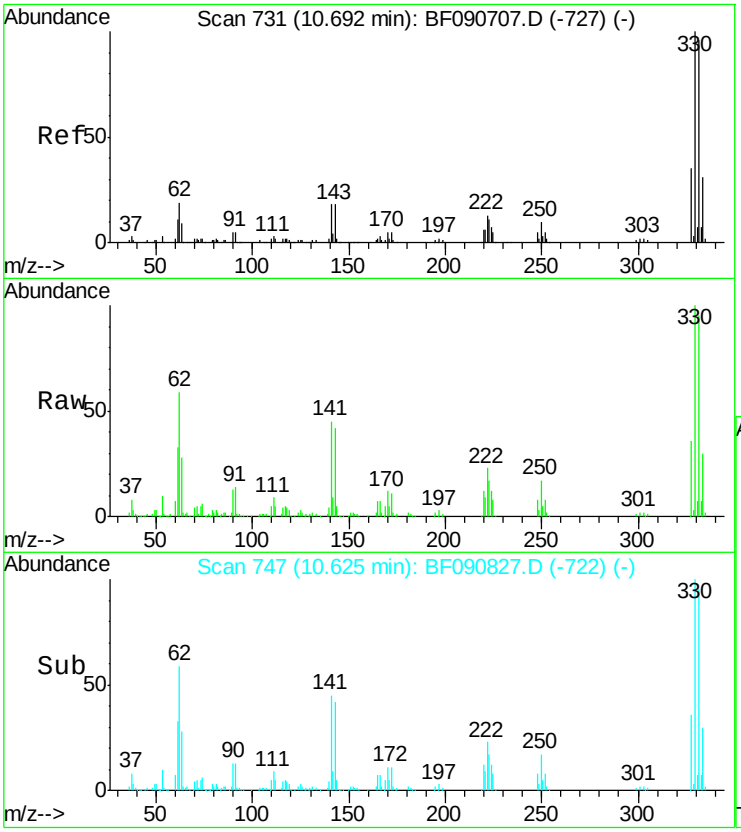


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:164 Resp: 358554

Ion	Ratio	Lower	Upper
164	100		
162	105.2	75.2	112.8
160	46.7	31.5	47.3



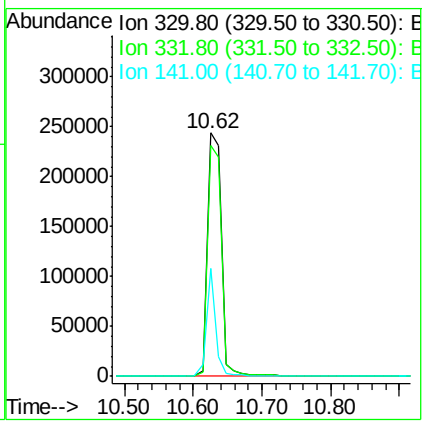


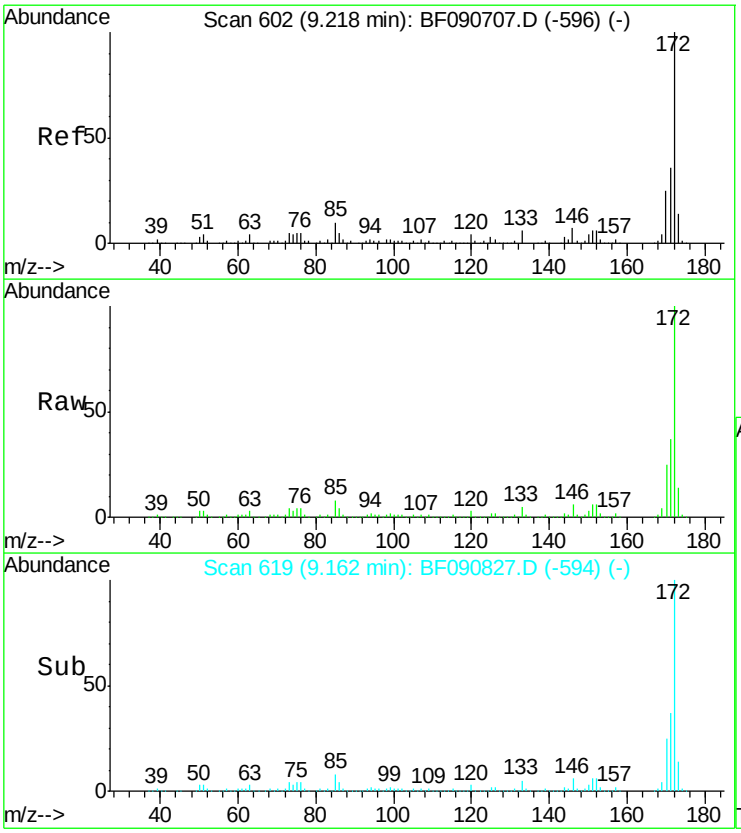
#41
2,4,6-Tribromophenol
Concen: 123.93 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:330 Resp: 351696

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	29.4	29.7	44.5#

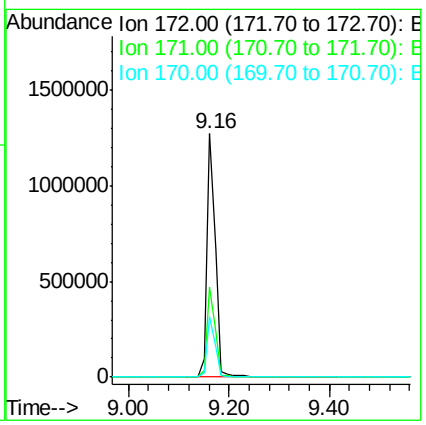


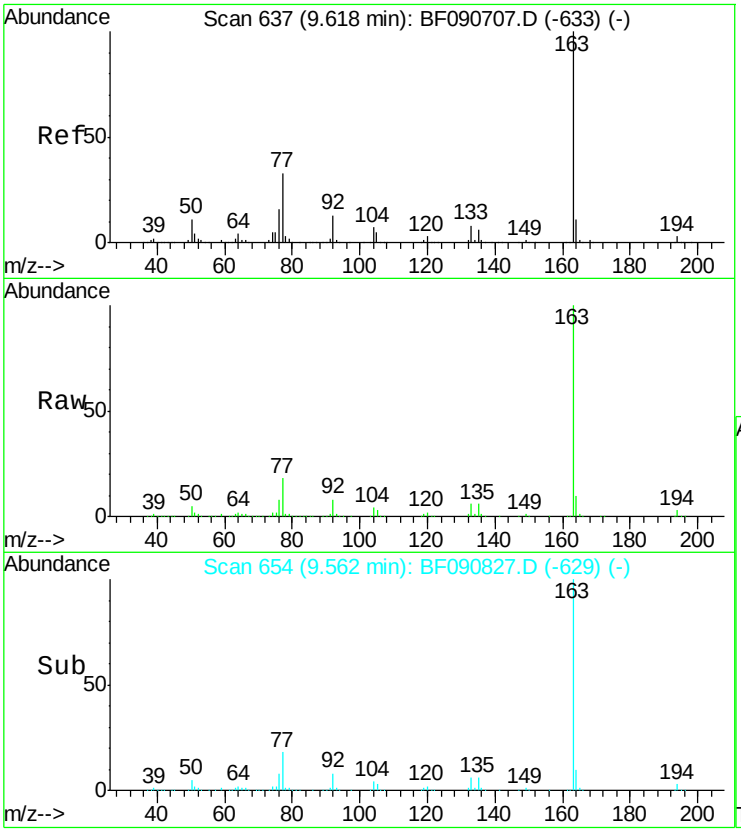


#44
2-Fluorobiphenyl
Concen: 63.77 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:172 Resp: 1472942

Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.1	39.1
170	24.8	17.4	26.2



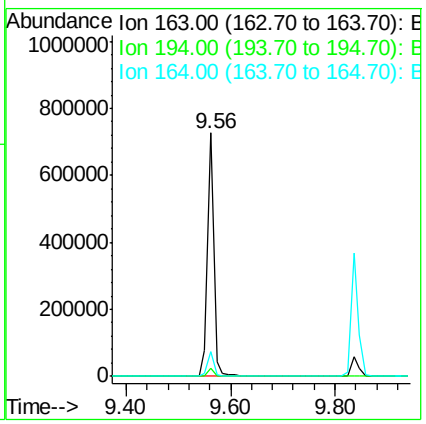


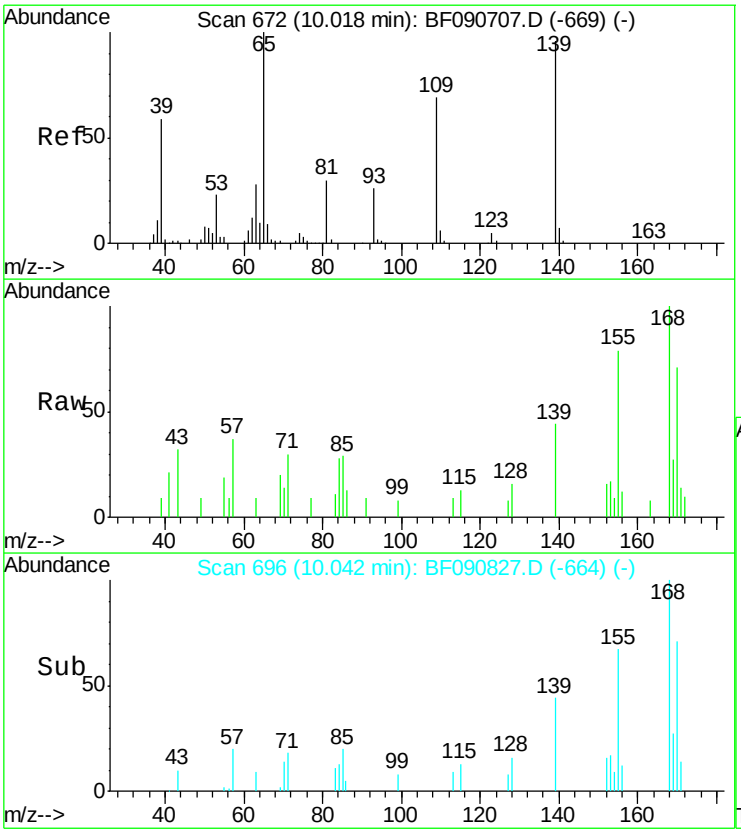
#49
Dimethylphthalate
Concen: 26.82 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:163 Resp: 604297

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.2	8.3	12.5

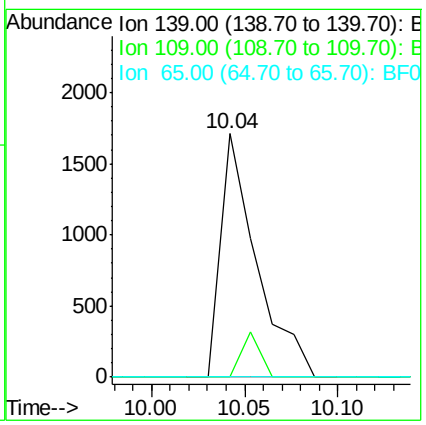


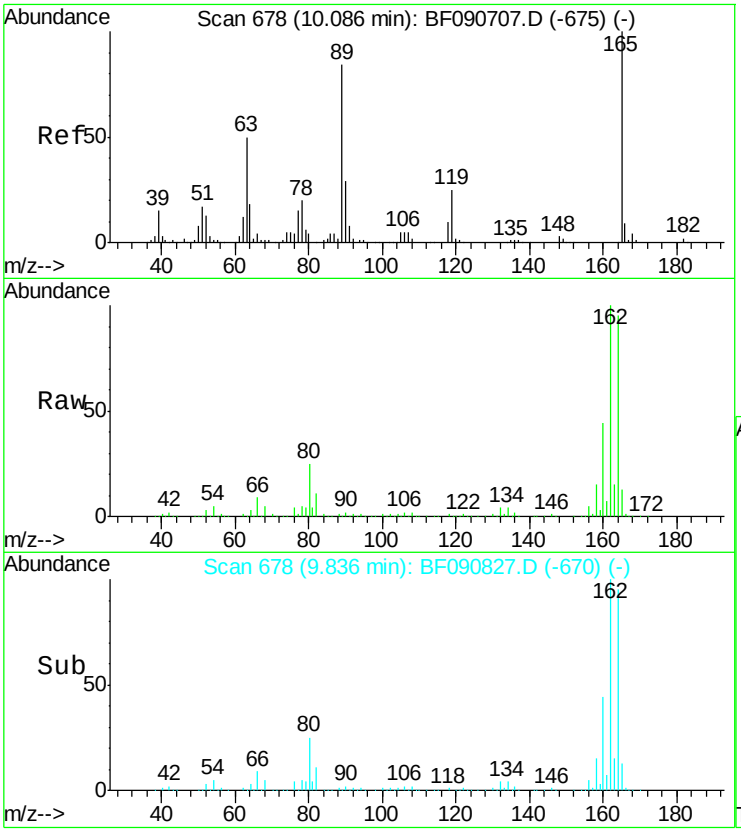


#55
4-Nitrophenol
Concen: 6.56 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.07 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:139 Resp: 2310

Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	0.0	45.9	85.9#



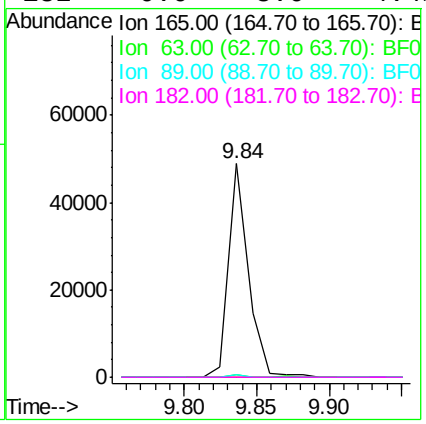


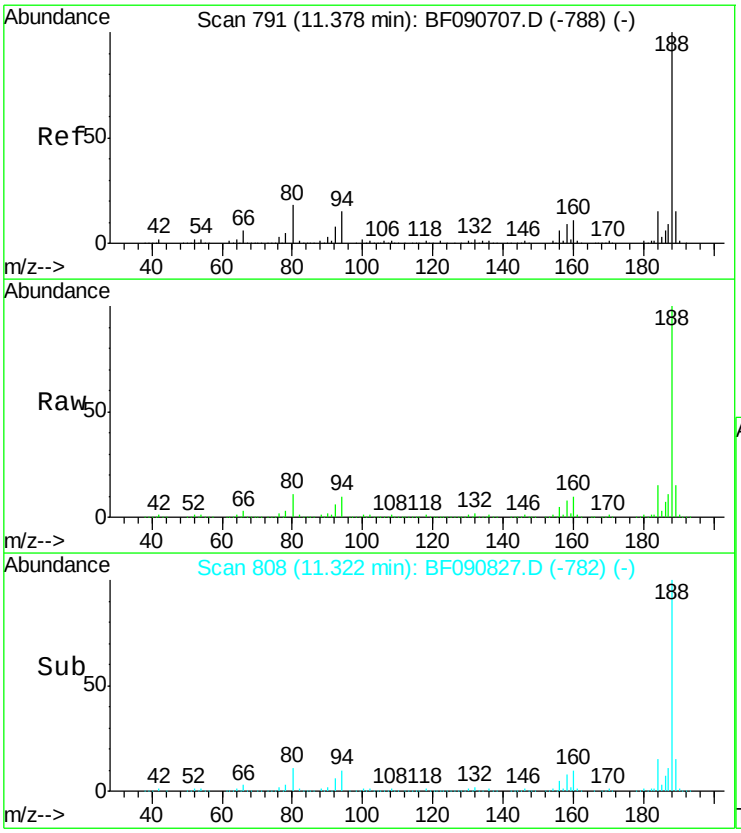
#56
2,4-Dinitrotoluene
Concen: 7.88 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.21 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:165 Resp: 46664

Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

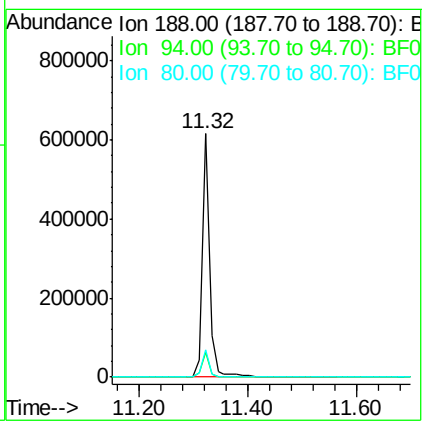


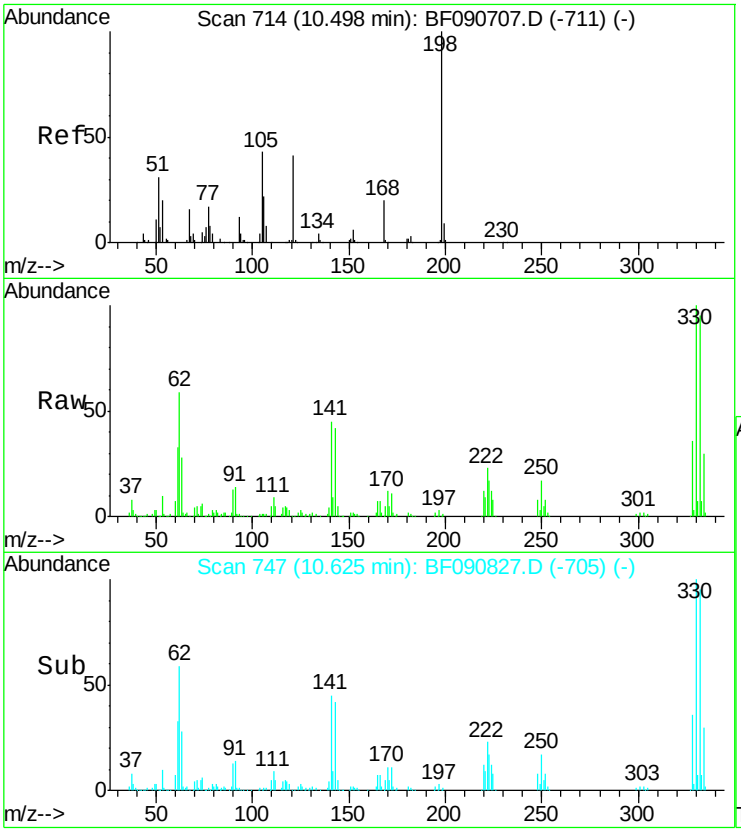


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:188 Resp: 568581

Ion	Ratio	Lower	Upper
188	100		
94	10.2	11.1	16.7#
80	11.0	11.0	16.4



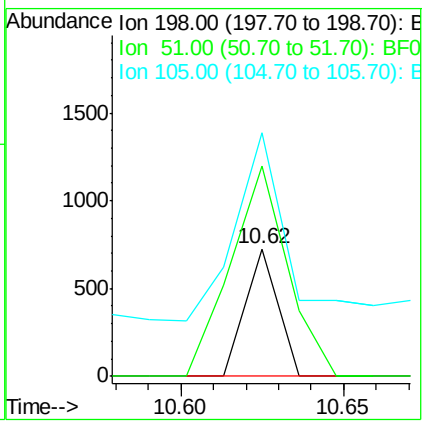


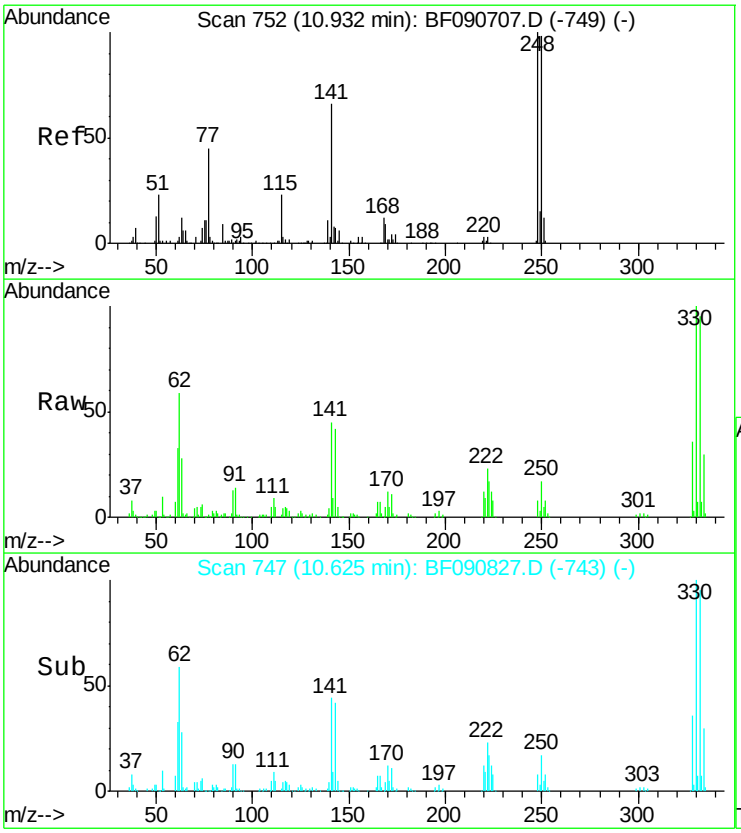
#64
4,6-Dinitro-2-methylphenol
Concen: 4.30 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.18 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:198 Resp: 498

Ion	Ratio	Lower	Upper
198	100		
51	164.7	39.6	79.6#
105	191.0	28.5	68.5#

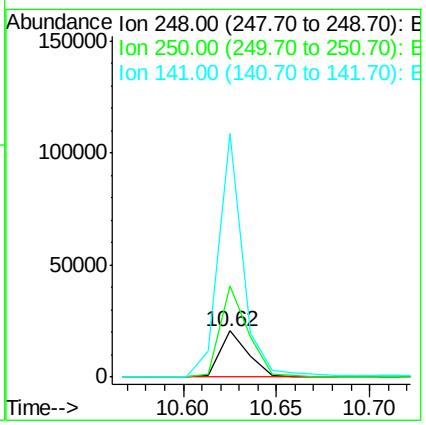


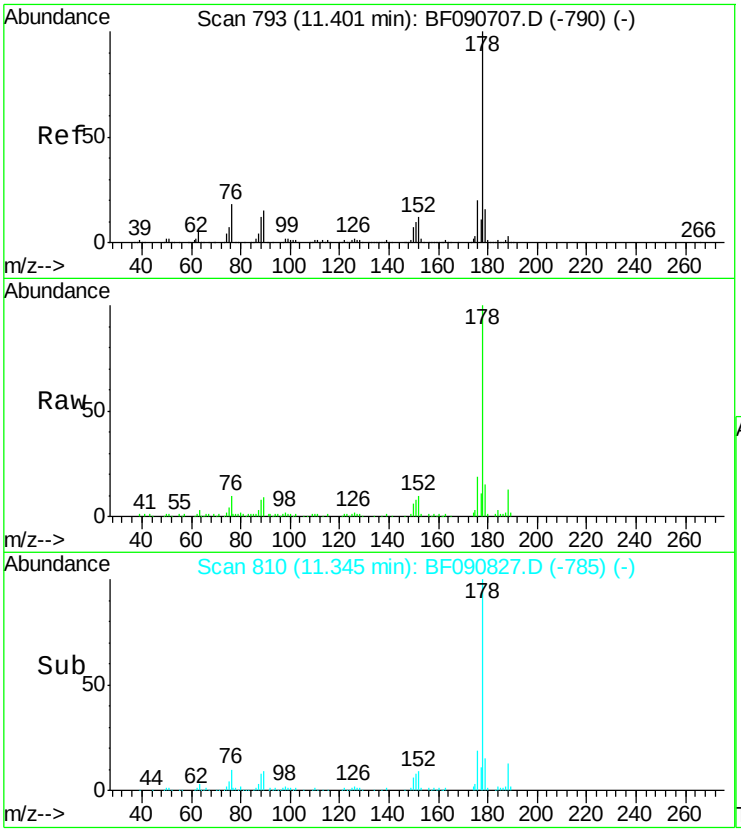


#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:248 Resp: 21835

Ion	Ratio	Lower	Upper
248	100		
250	196.3	78.5	117.7#
141	524.1	59.0	88.6#



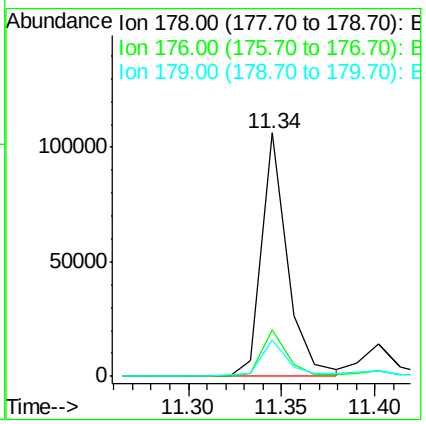


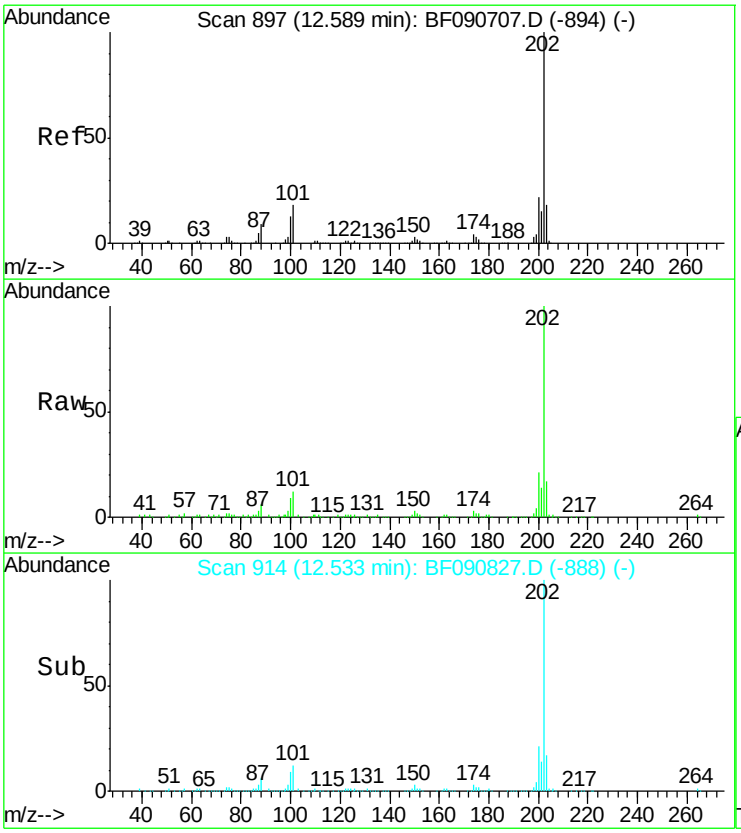
#70
Phenanthrene
Concen: 3.50 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:178 Resp: 101363

Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.8	20.8
179	14.8	12.2	18.2

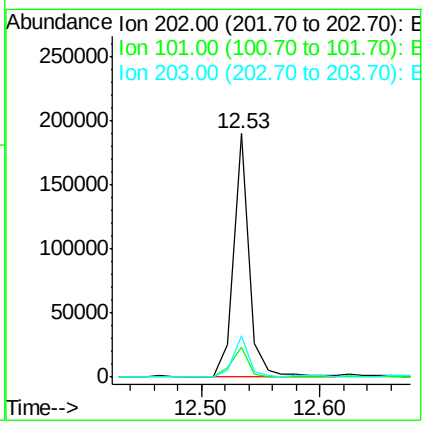


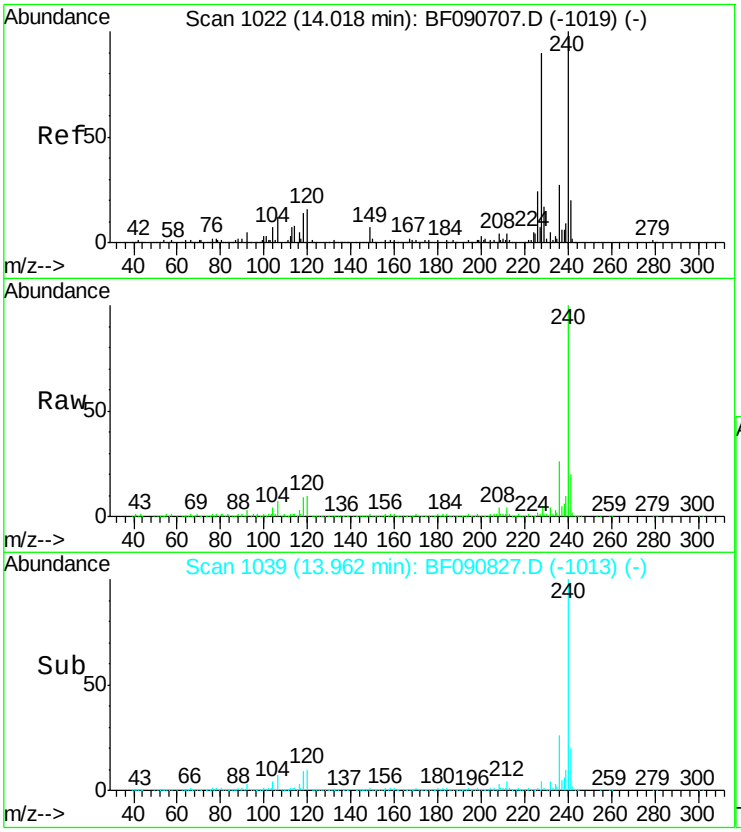


#74
Fluoranthene
Concen: 6.29 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:202 Resp: 176299

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	38.3
203	17.2	0.0	37.3



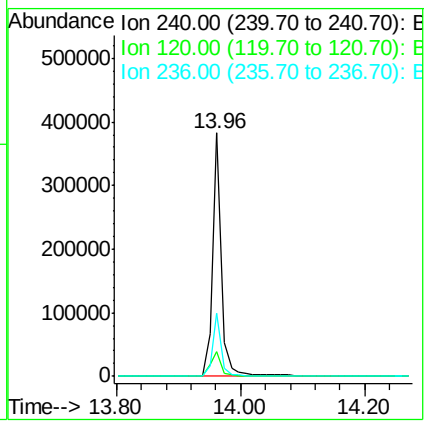


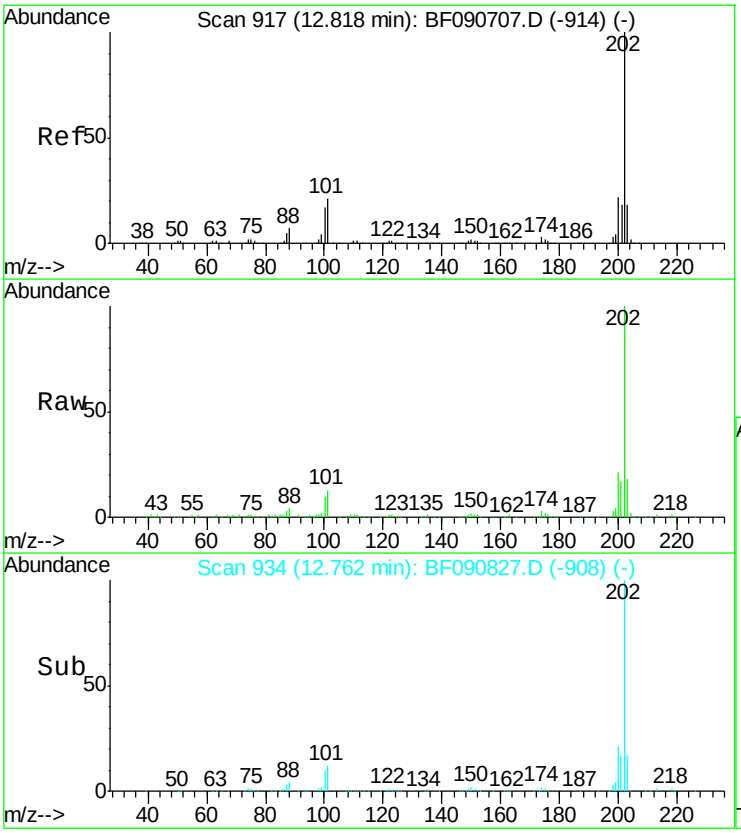
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:240 Resp: 377425

Ion	Ratio	Lower	Upper
240	100		
120	10.1	16.2	24.2#
236	26.1	18.4	27.6

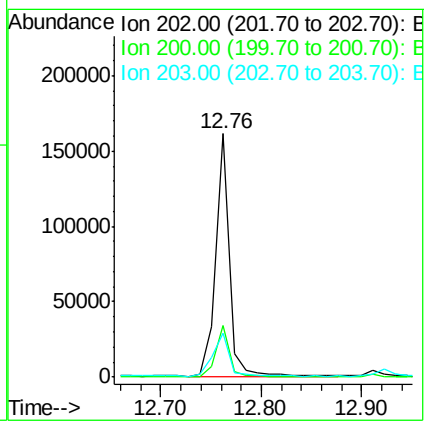


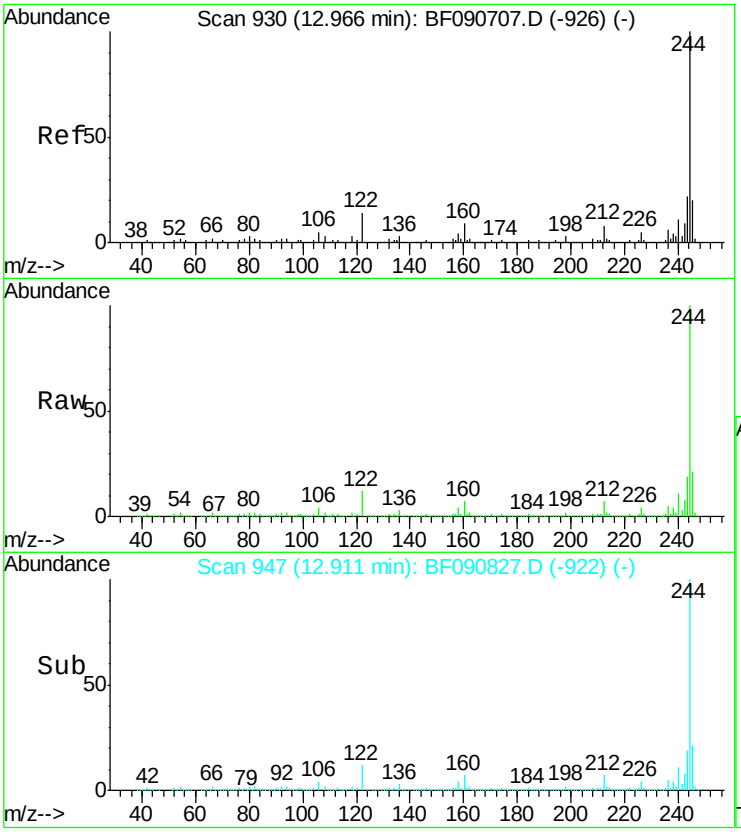


#77
Pyrene
Concen: 5.76 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:202 Resp: 151816

Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.0	22.4
203	17.8	14.1	21.1



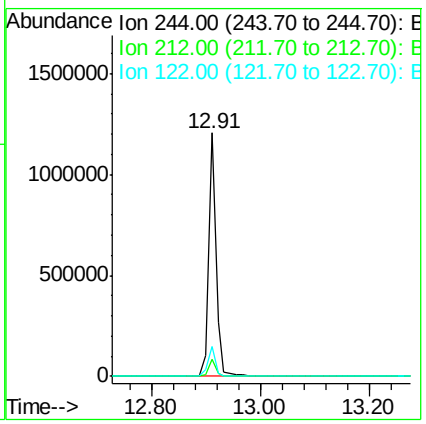


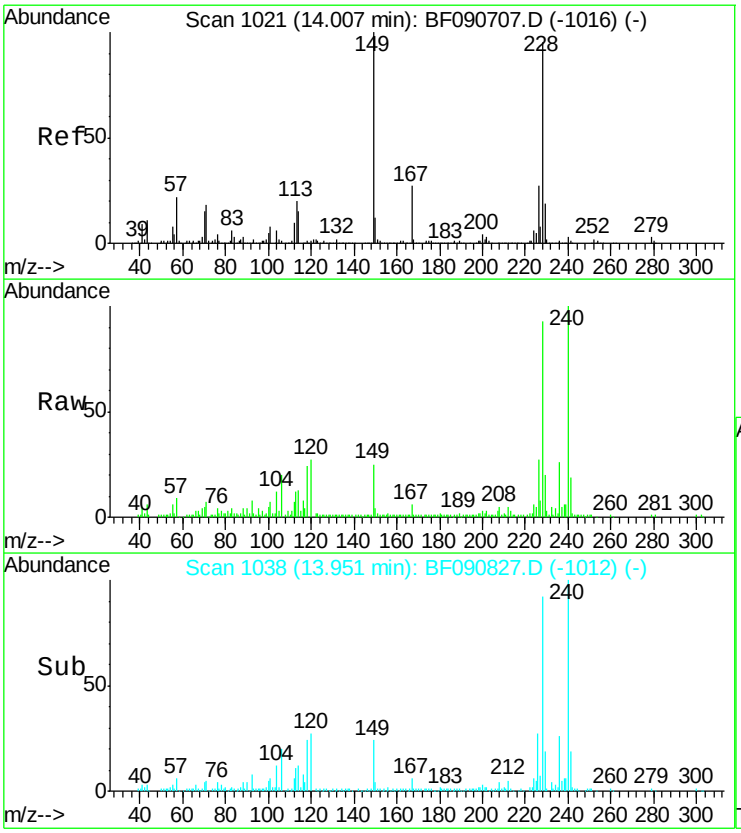
#78
Terphenyl-d14
Concen: 69.58 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:244 Resp: 1145842

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.3	6.5#
122	12.4	17.4	26.2#

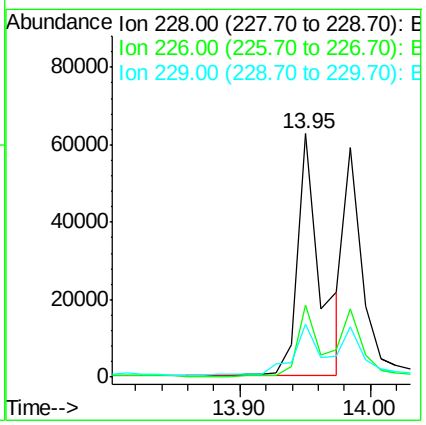


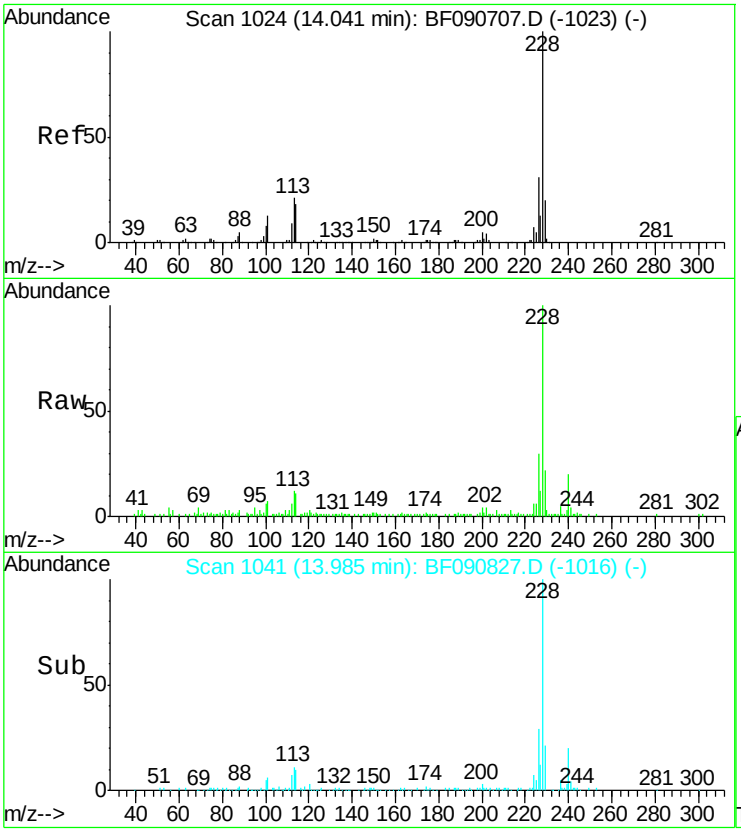


#80
Benzo(a)anthracene
Concen: 3.68 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:228 Resp: 75935

Ion	Ratio	Lower	Upper
228	100		
226	29.5	20.0	30.0
229	21.6	15.4	23.2



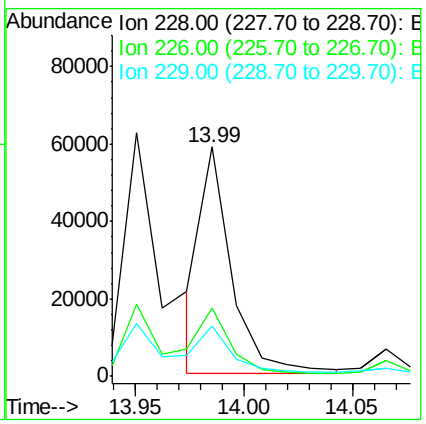


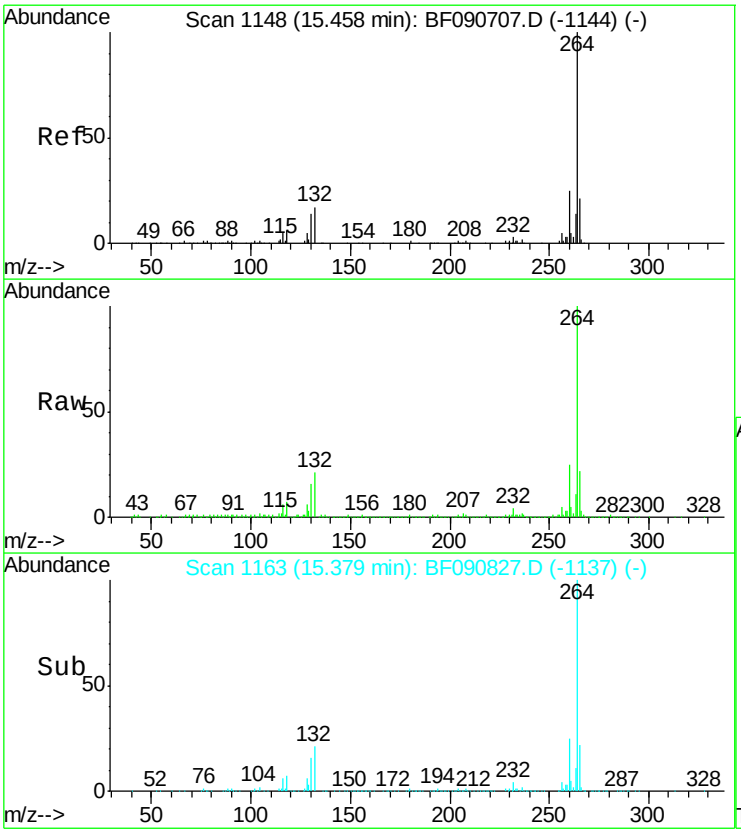
#82
Chrysene
Concen: 2.90 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:228 Resp: 58391

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.0	31.4
229	22.2	15.6	23.4

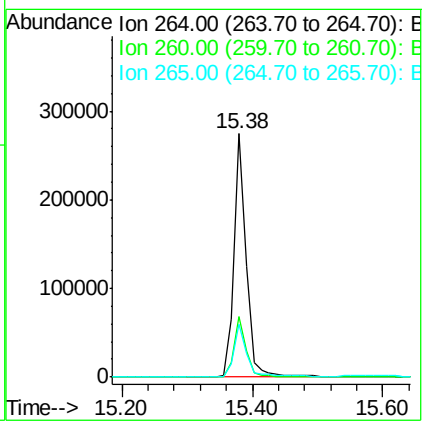


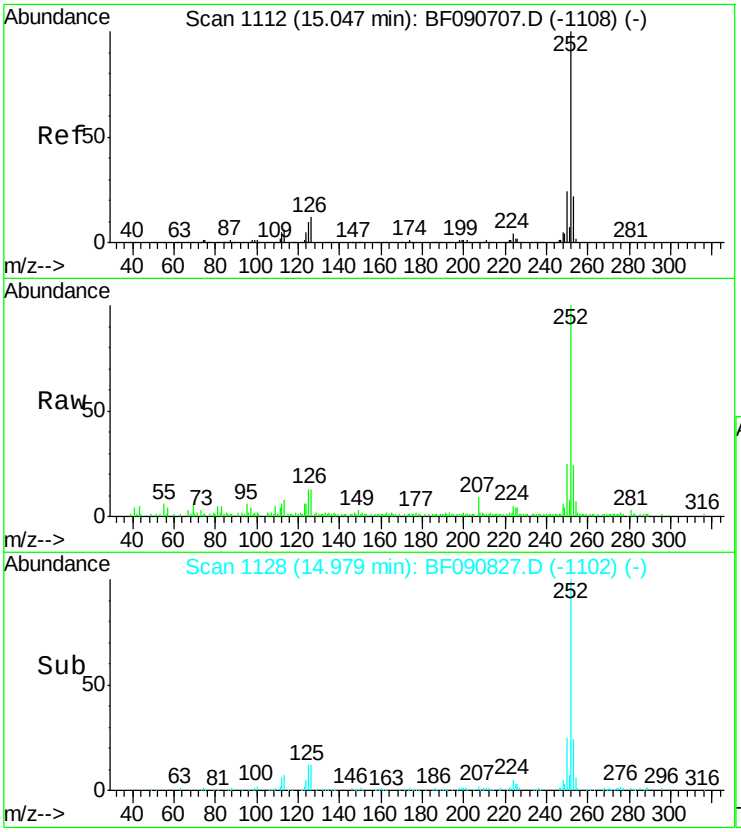


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:264 Resp: 351528

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.9	17.2	25.8



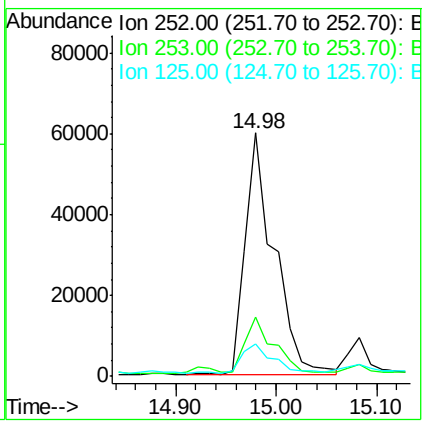


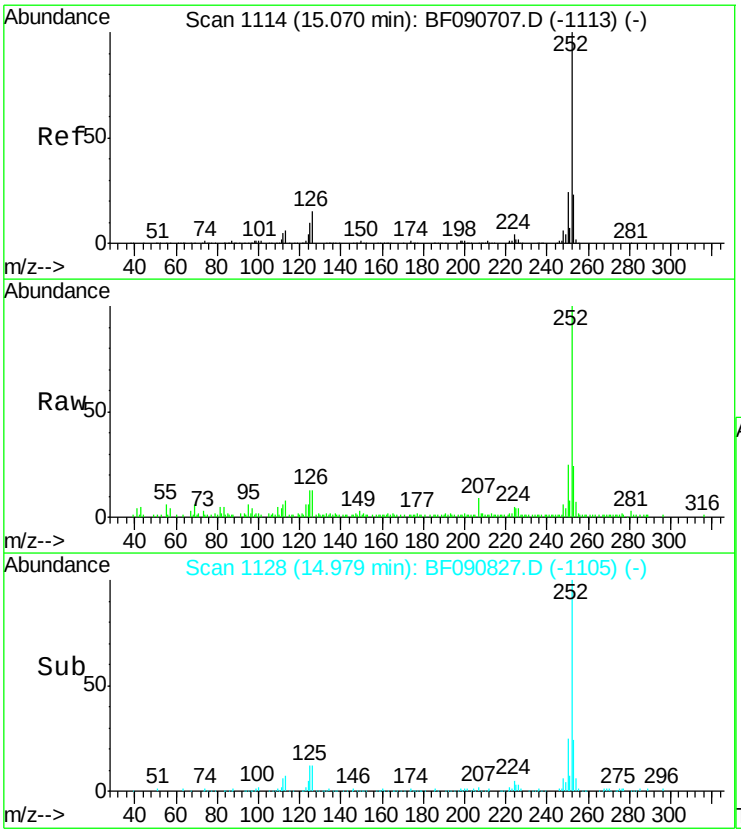
#87
Benzo(b)fluoranthene
Concen: 5.48 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:252 Resp: 118473

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	13.5	17.1	25.7#

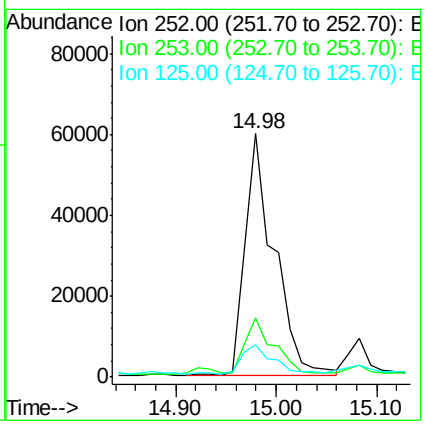


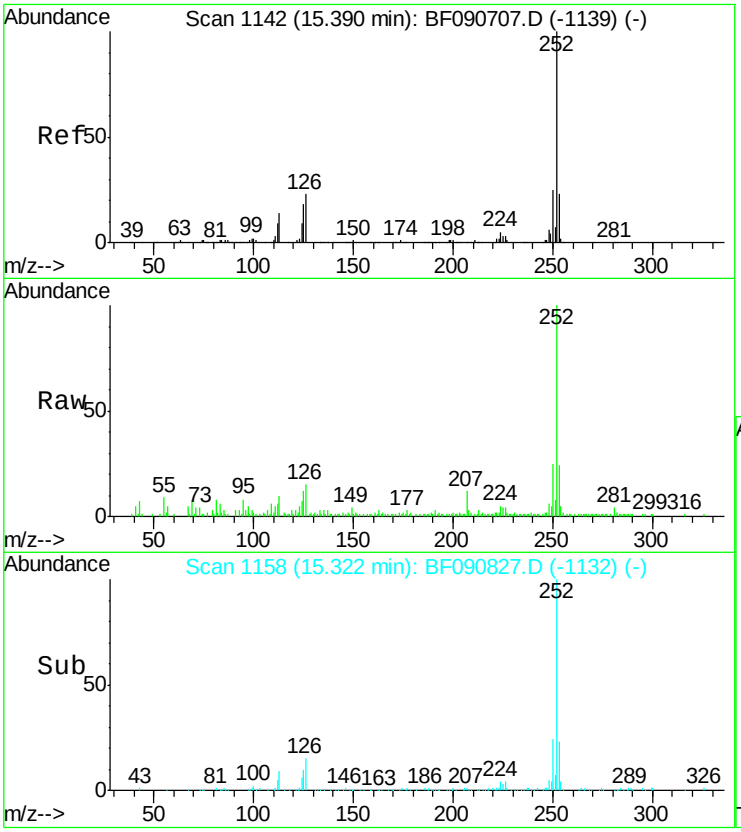


#88
Benzo(k)fluoranthene
Concen: 5.45 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Tgt Ion:252 Resp: 118473

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.4
125	13.5	16.0	24.0#





#89
Benzo(a)pyrene
Concen: 2.81 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF090827.D
Acq: 26 Oct 2016 00:16

Instrument :
BNA_F
ClientSampleId :
P2-S1

Tgt Ion:252 Resp: 56889

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	12.4	18.0	27.0#