Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112989.D
Acq On : 12 Mar 2019 7:34
Operator : JU/SJ
Sample : K1817-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 12 09:31:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	139172	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	587838	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	298219	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	572651	20.00	ng		0.00
76) Chrysene-d12	13.86	240	405271	20.00	ng		-0.01
87) Perylene-d12	15.27	264	311376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	708218	79.16	ng		-0.01
7) Phenol-d6	6.37	99	949494	84.48	ng		0.00
23) Nitrobenzene-d5	7.29	82	557605	56.76	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	311019	98.24	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	992462	49.32	ng		-0.01
79) Terphenyl-d14	12.82	244	891160	42.63	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.37	94	43713	3.333	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	71767	10.083	ng	#	75
25) Isophorone	7.29	82	557596	26.346	ng	#	66
50) Dimethylphthalate	9.48	163	149279	6.789	ng		99
57) 2,4-Dinitrotoluene	9.76	165	38111	6.696	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.55	198	490	4.801	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	17080	2.832	ng	#	1
71) Phenanthrene	11.26	178	62241	2.185	ng		96
72) Anthracene	11.26	178	62241	2.087	ng		97
75) Fluoranthene	12.44	202	84856	2.780	ng		98
78) Pyrene	12.67	202	75851	2.220	ng		98
88) Benzo(b)fluoranthene	14.87	252	57001	2.830	ng		97
89) Benzo(k)fluoranthene	14.87	252	57001	3.124	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112989.D
Acq On : 12 Mar 2019 7:34
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Sample : K1817-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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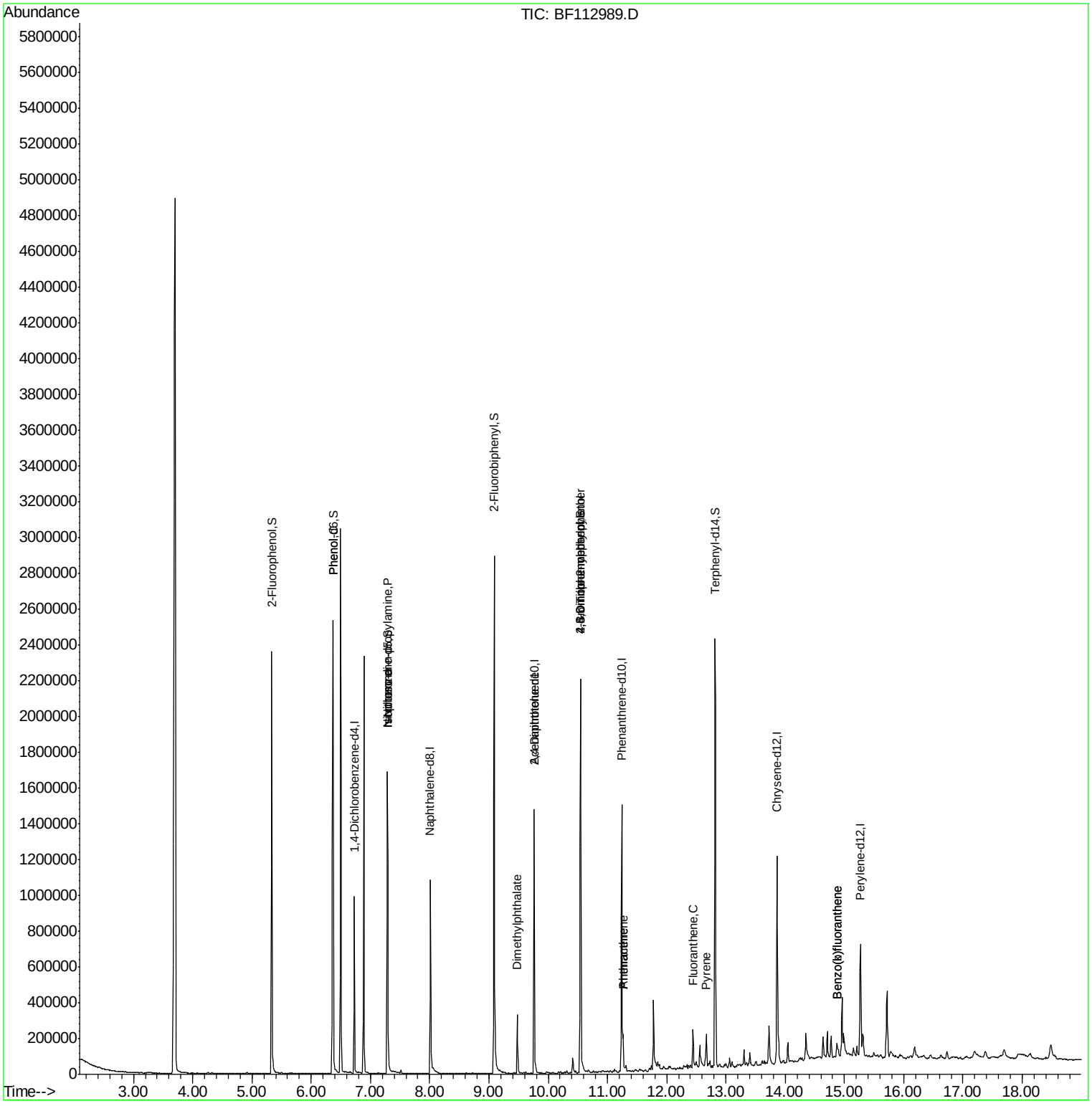
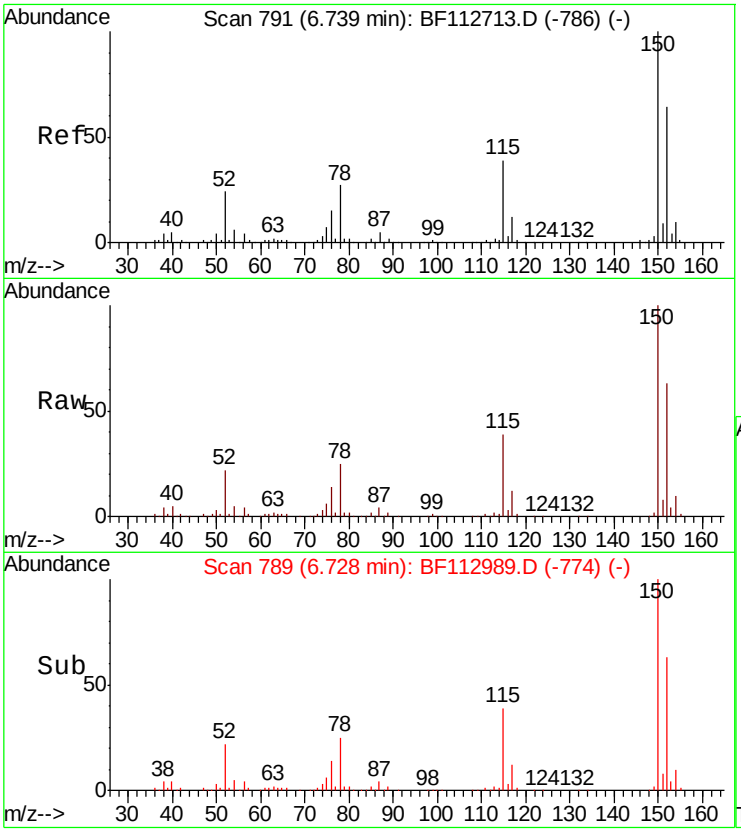


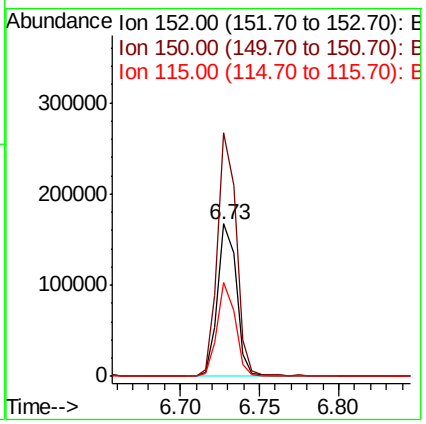


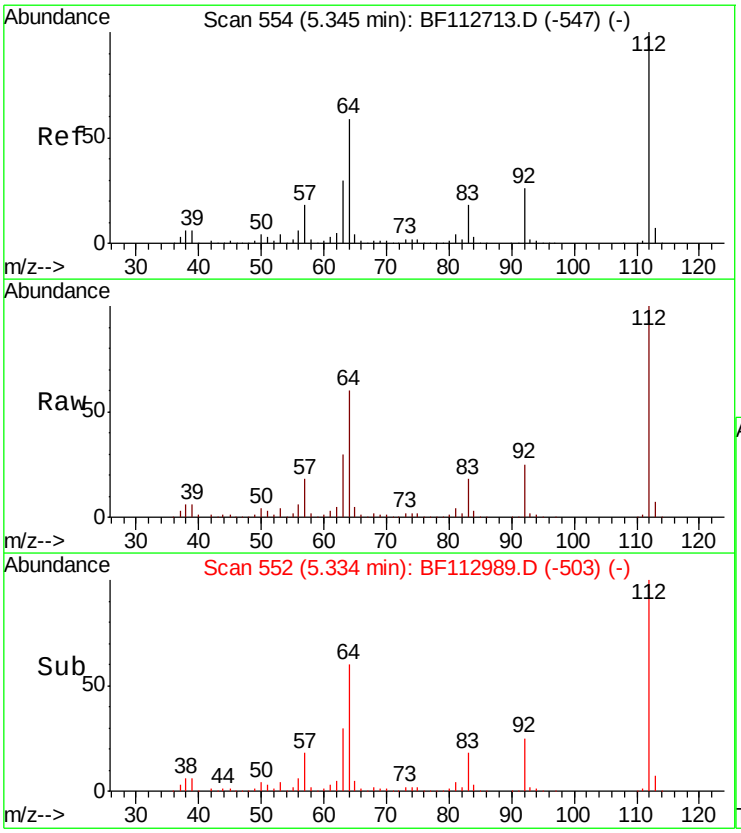
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139172

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.2	186.2
115	61.8	48.2	72.4

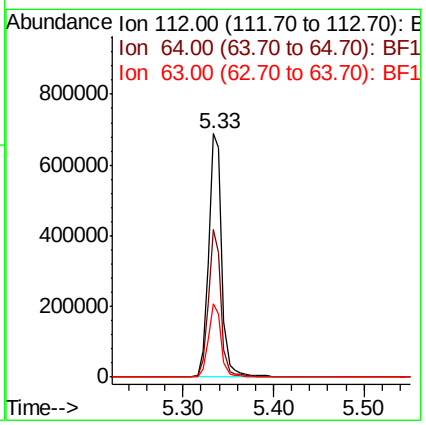


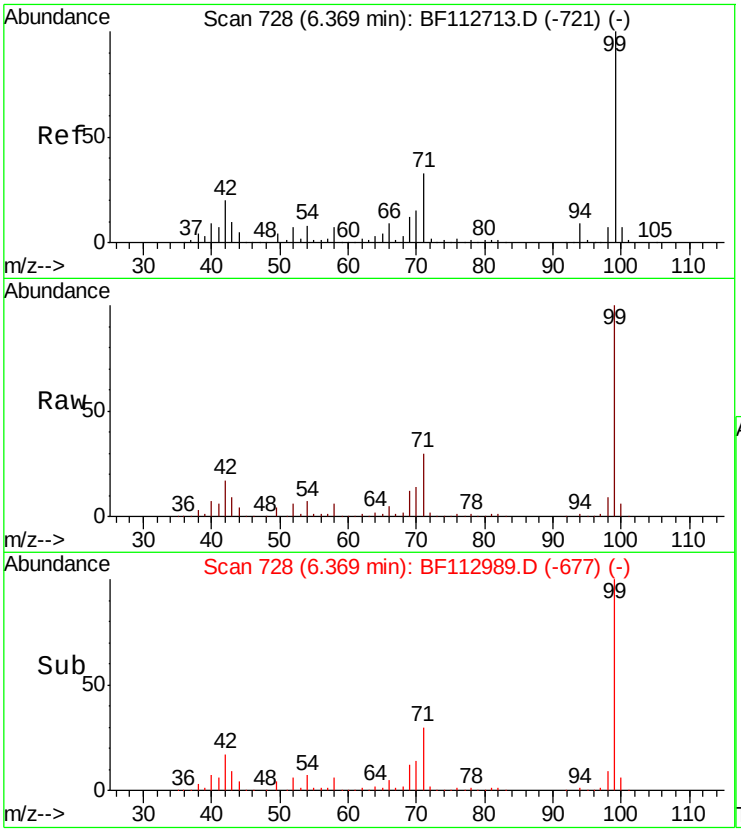


#5
2-Fluorophenol
Concen: 79.158 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:112 Resp: 708218

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.6	71.4
63	30.3	24.4	36.6



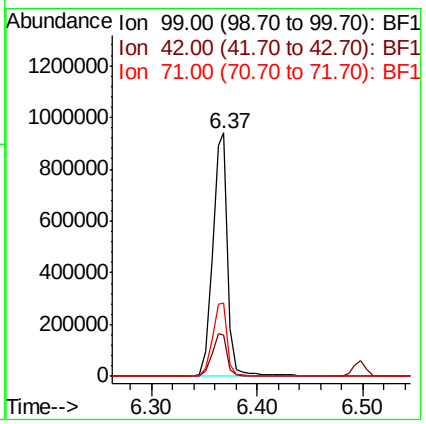


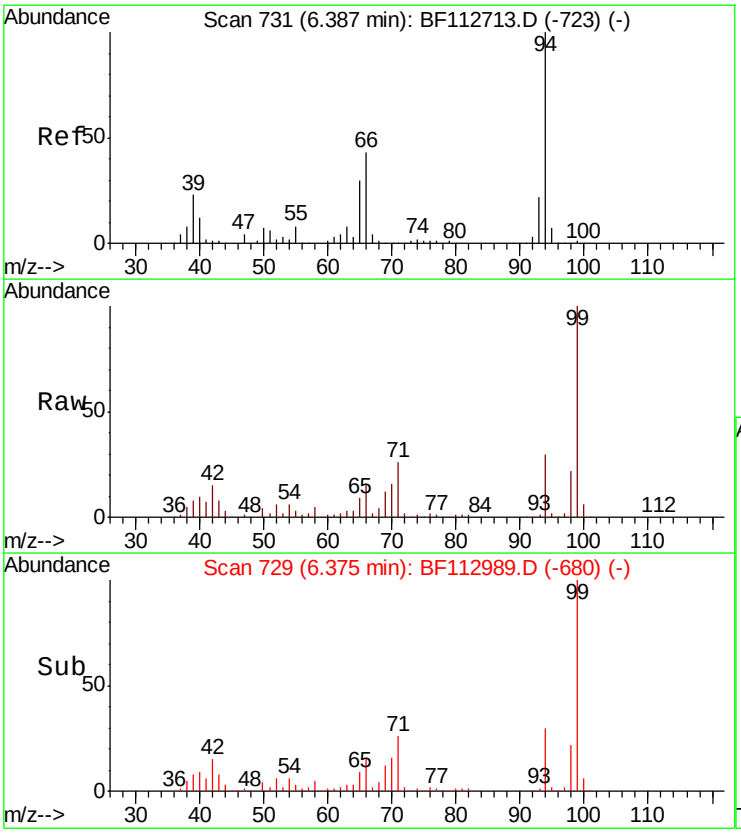
#7
Phenol-d6
Concen: 84.484 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 949494

Ion	Ratio	Lower	Upper
99	100		
42	17.0	16.3	24.5
71	30.3	26.2	39.4

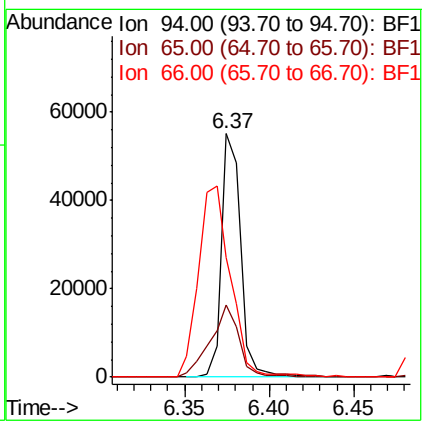


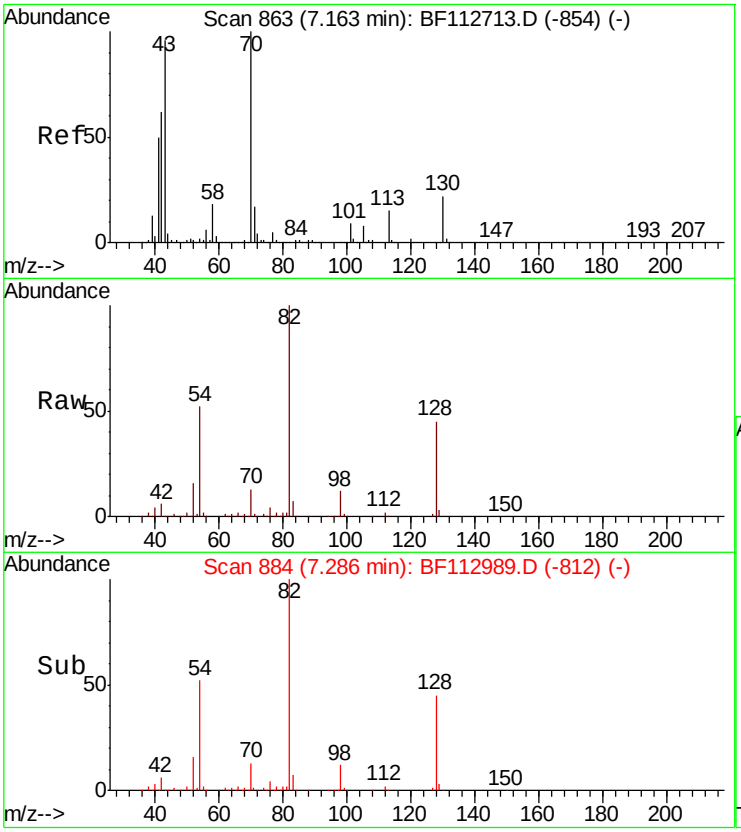


#10
Phenol
Concen: 3.333 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion: 94 Resp: 43713

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.5	50.5
66	49.3	22.6	62.6



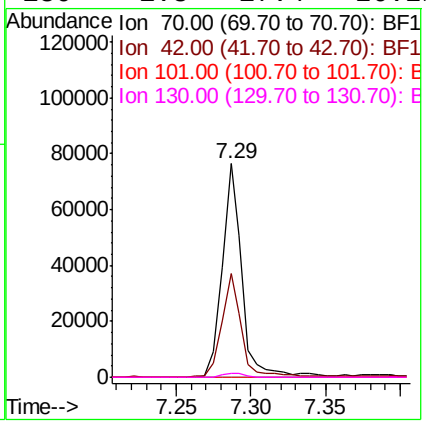


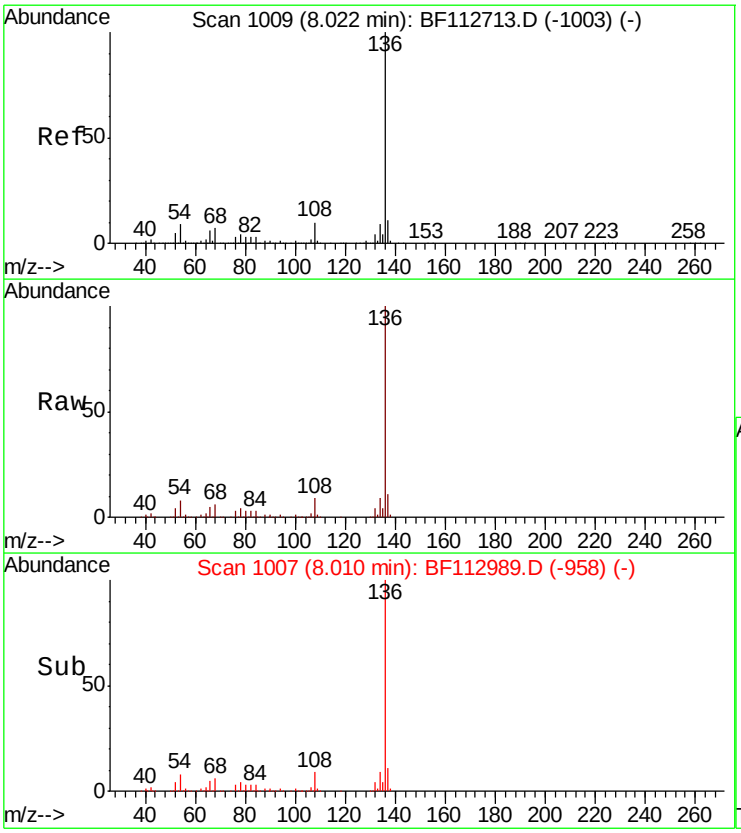
#19
n-Nitroso-di-n-propylamine
Concen: 10.083 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 71767

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.9	74.9#
101	0.0	7.4	11.2#
130	1.8	17.4	26.2#

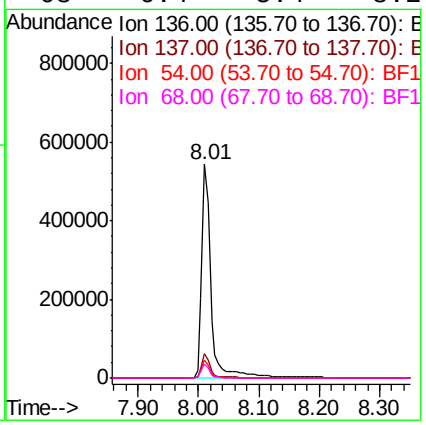


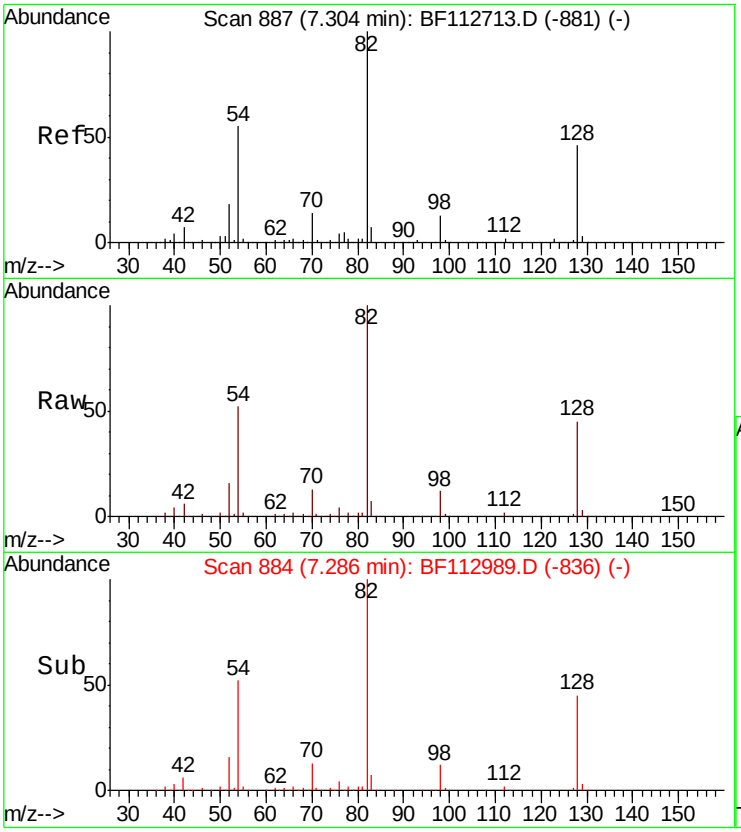


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:136 Resp: 587838

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	7.3	10.9
68	6.4	5.4	8.2



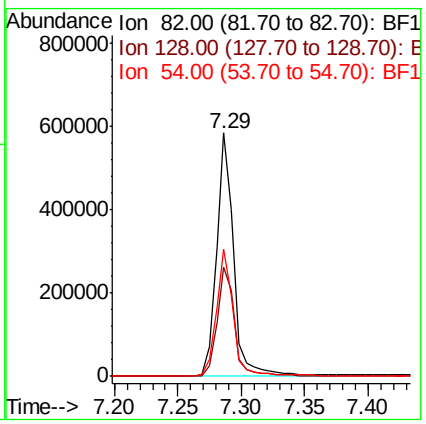


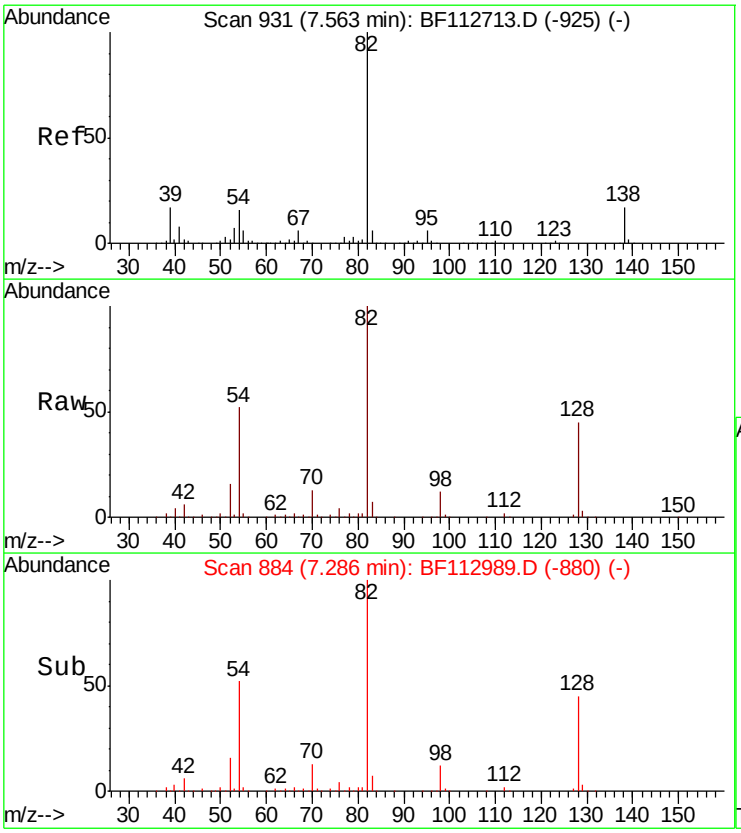
#23
Nitrobenzene-d5
Concen: 56.760 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 557605

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	52.2	43.7	65.5

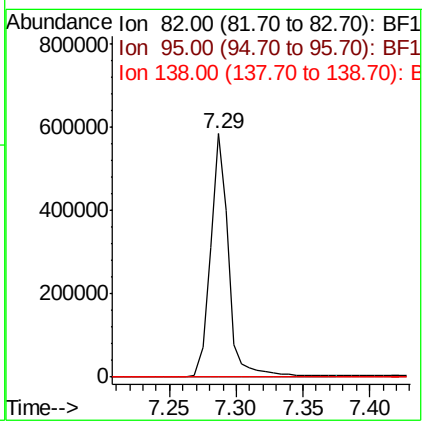


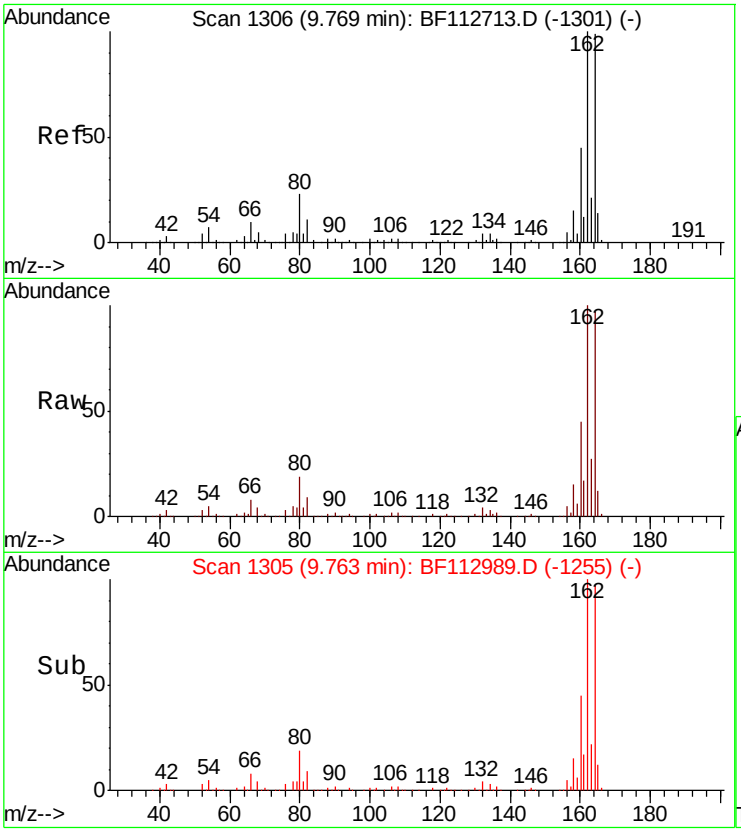


#25
Isophorone
Concen: 26.346 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion: 82 Resp: 557596

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



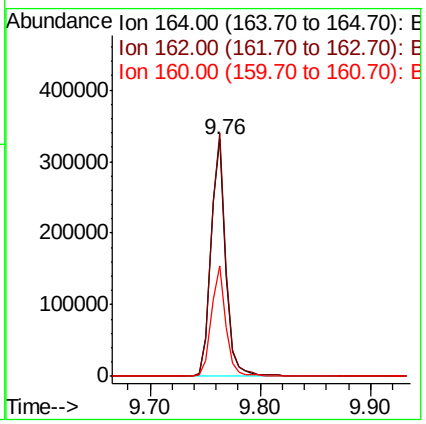


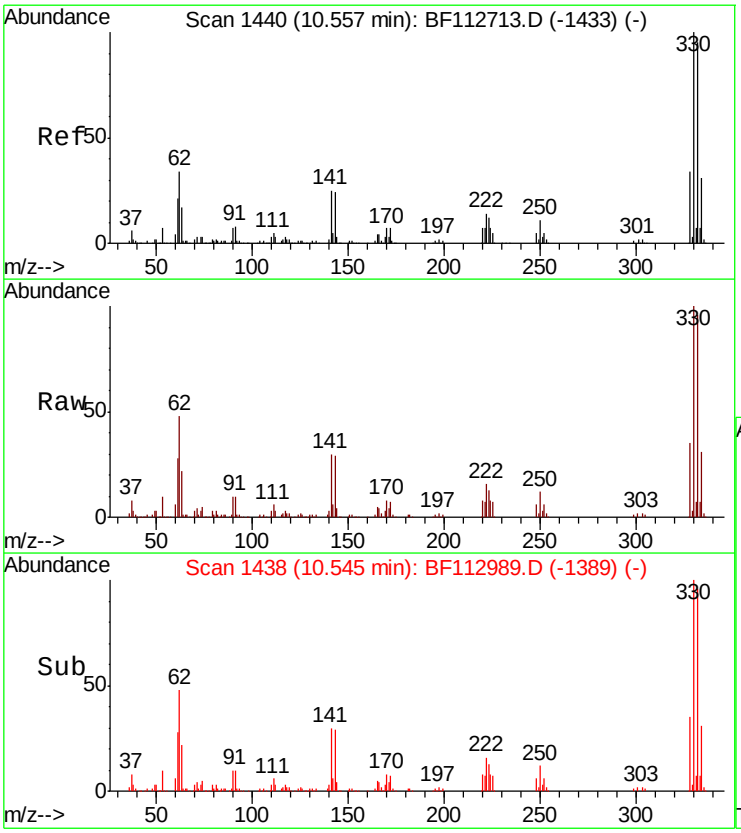
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 298219

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	46.8	36.0	54.0

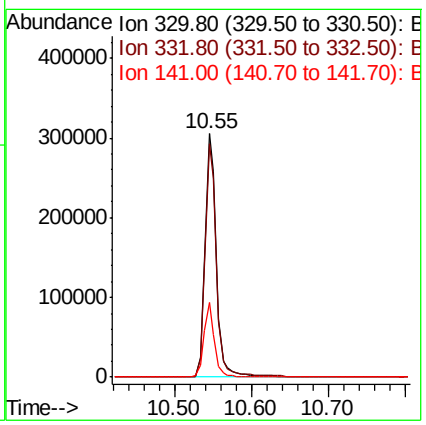


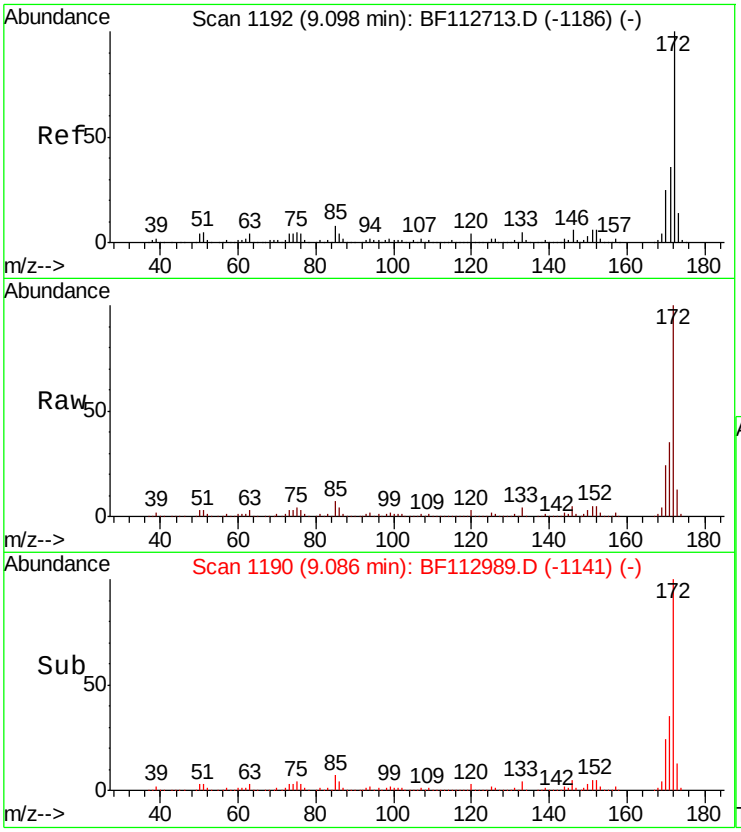


#42
2,4,6-Tribromophenol
Concen: 98.238 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:330 Resp: 311019

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	28.5	27.0	40.6



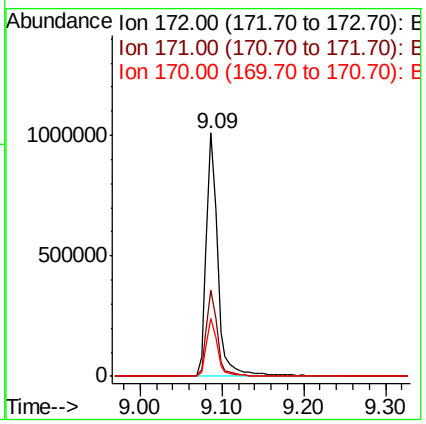


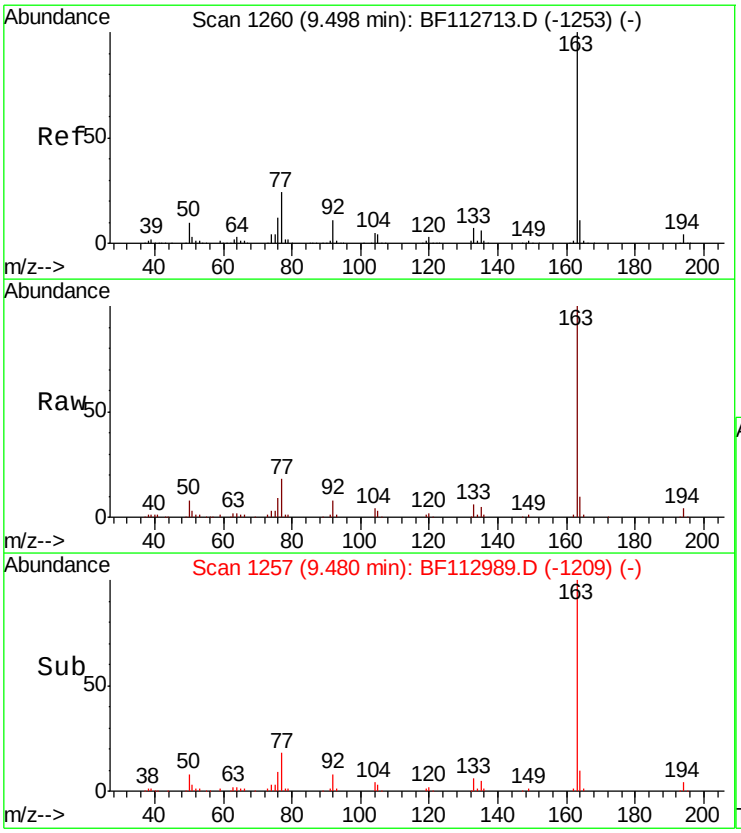
#45
2-Fluorobiphenyl
Concen: 49.318 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 992462

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	23.7	20.0	30.0

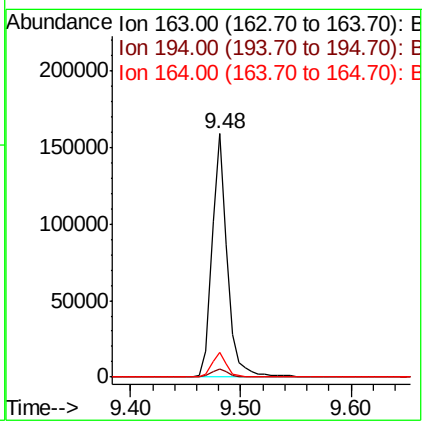


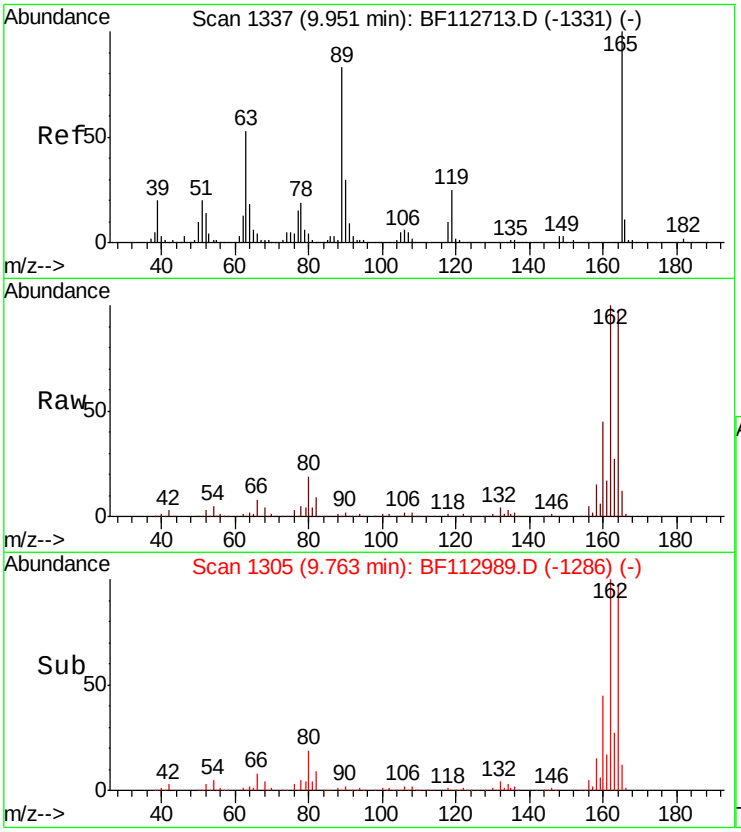


#50
Dimethylphthalate
Concen: 6.789 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:163 Resp: 149279

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.1	8.4	12.6



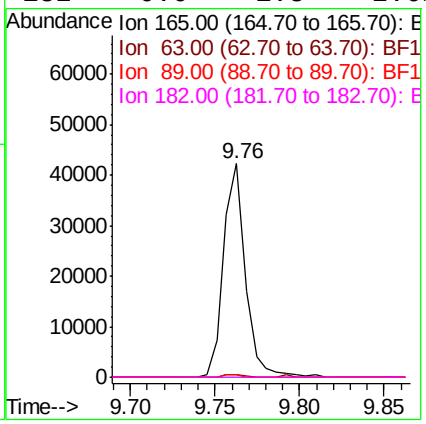


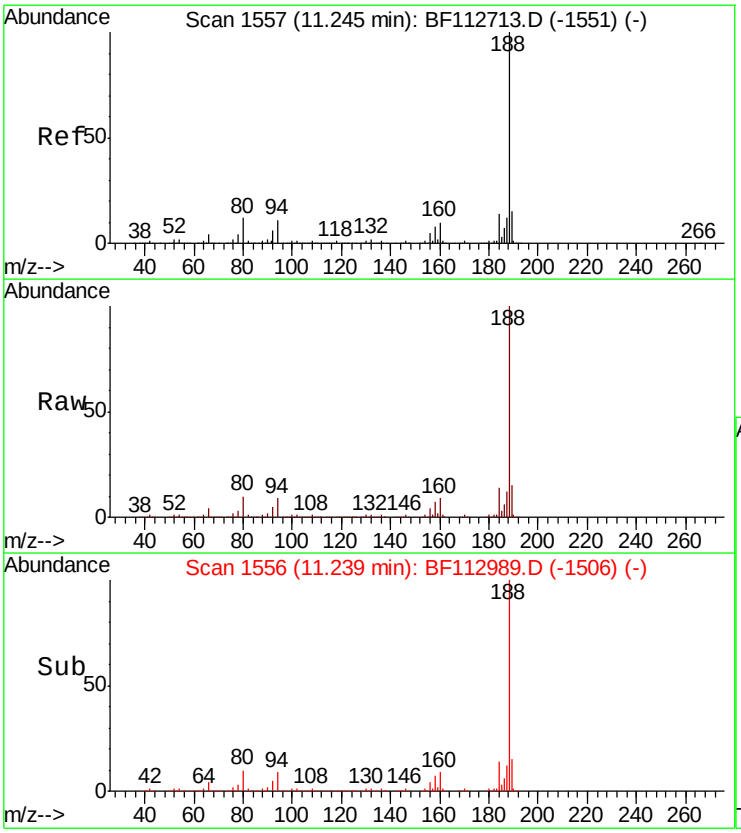
#57
2,4-Dinitrotoluene
Concen: 6.696 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38111

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#

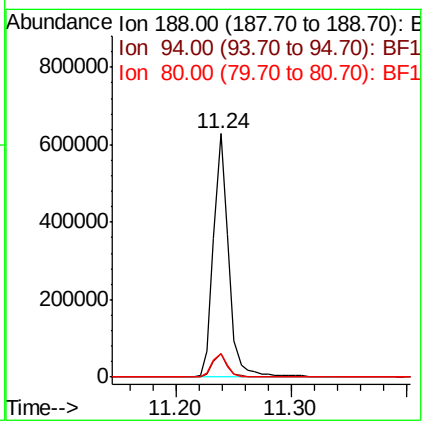


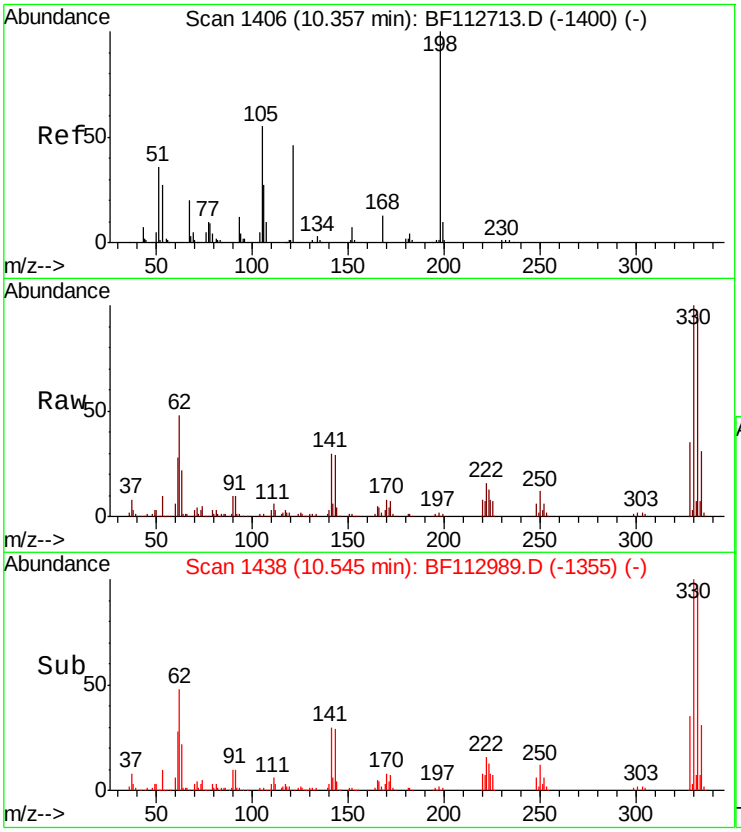


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:188 Resp: 572651

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.5	9.2	13.8



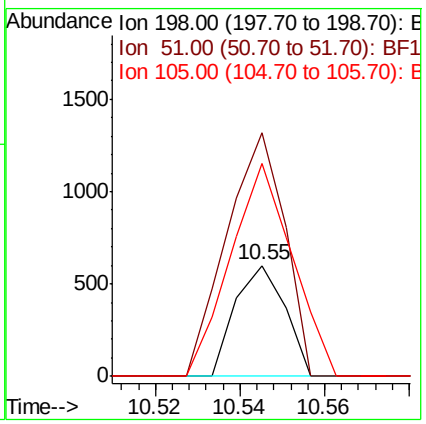


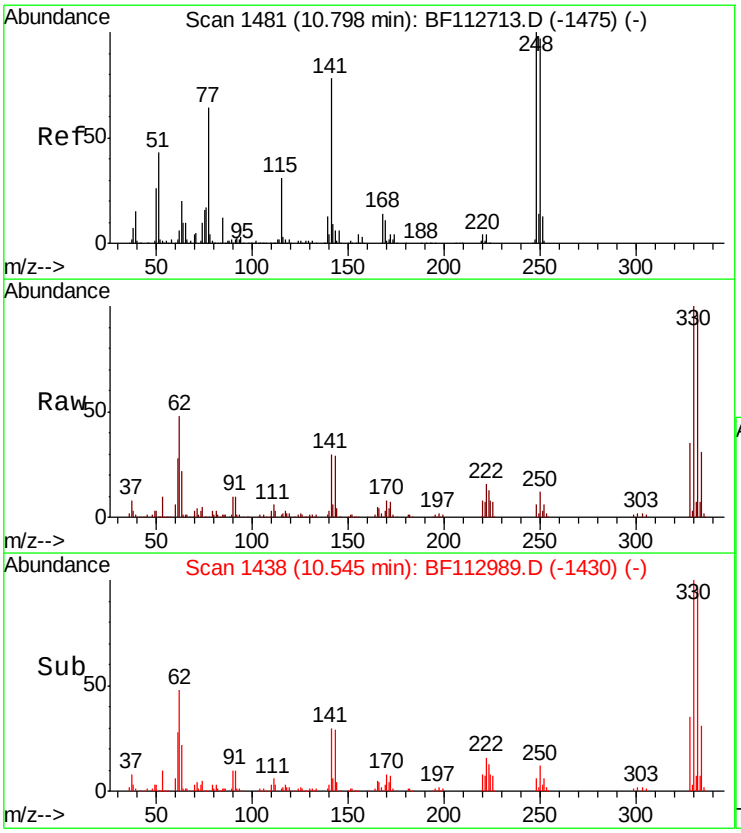
#65
4,6-Dinitro-2-methylphenol
Concen: 4.801 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 490

Ion	Ratio	Lower	Upper
198	100		
51	220.0	43.8	83.8#
105	192.8	36.5	76.5#

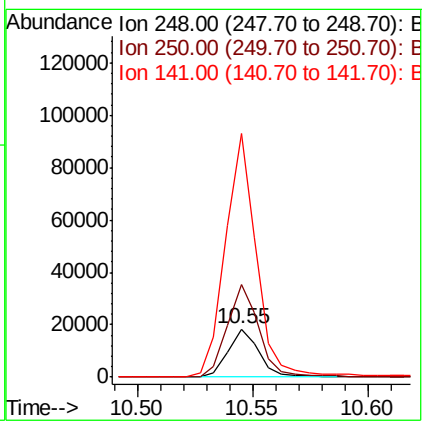


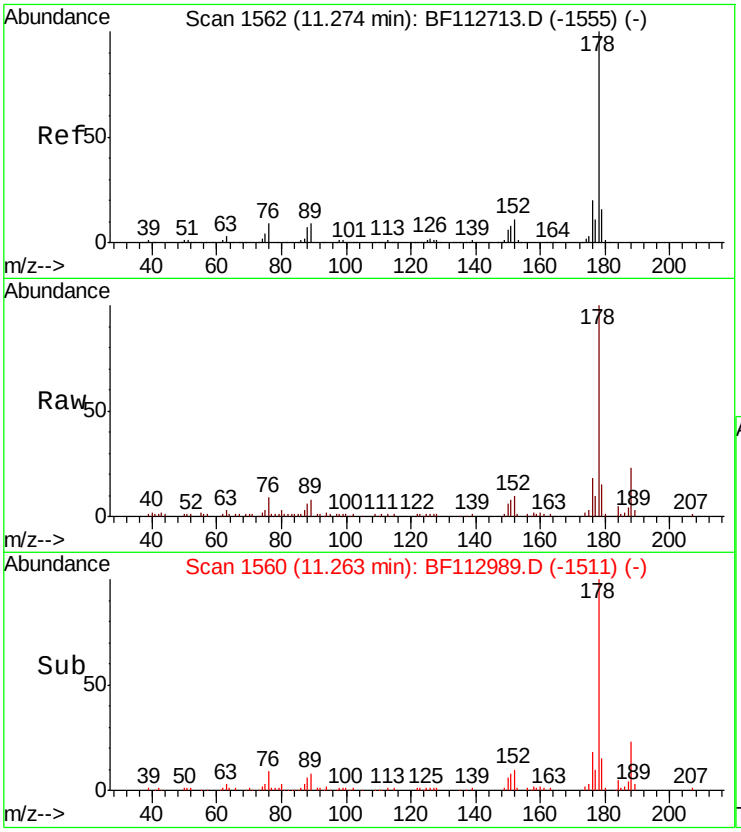


#67
4-Bromophenyl-phenylether
Concen: 2.832 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:248 Resp: 17080

Ion	Ratio	Lower	Upper
248	100		
250	194.4	77.5	116.3#
141	508.6	62.4	93.6#



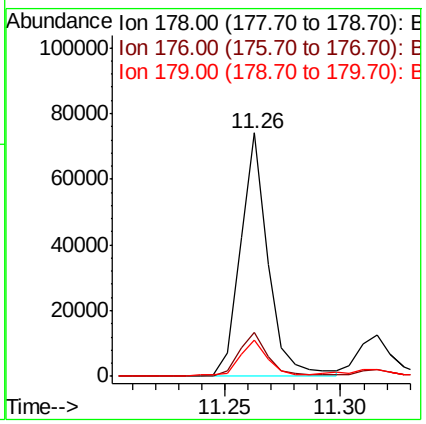


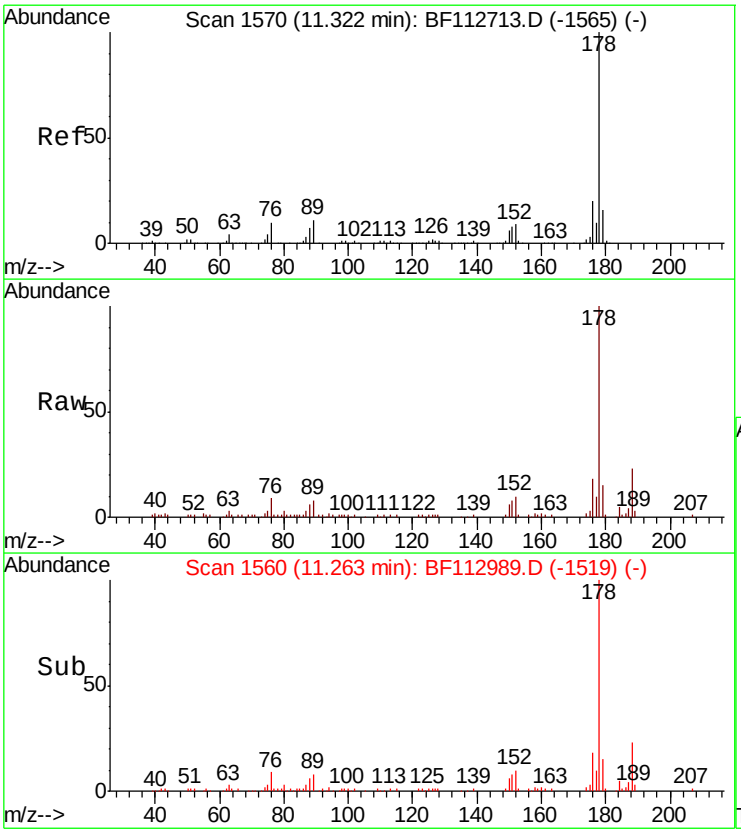
#71
Phenanthrene
Concen: 2.185 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 62241

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.3	24.5
179	15.1	12.7	19.1

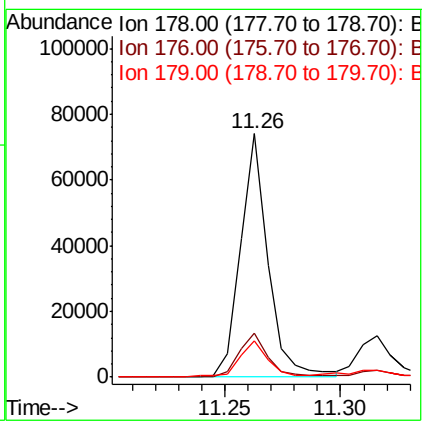


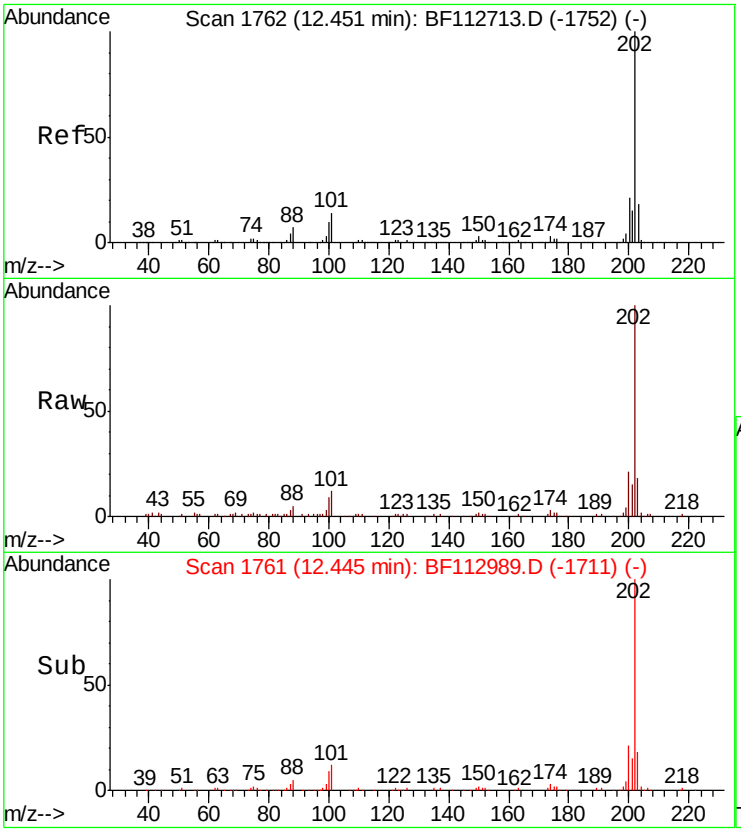


#72
Anthracene
Concen: 2.087 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.06 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:178 Resp: 62241

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.6
179	15.1	13.0	19.6



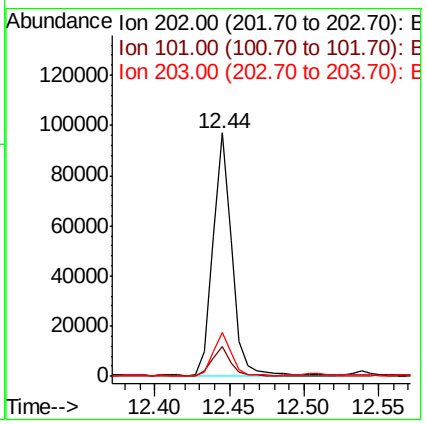


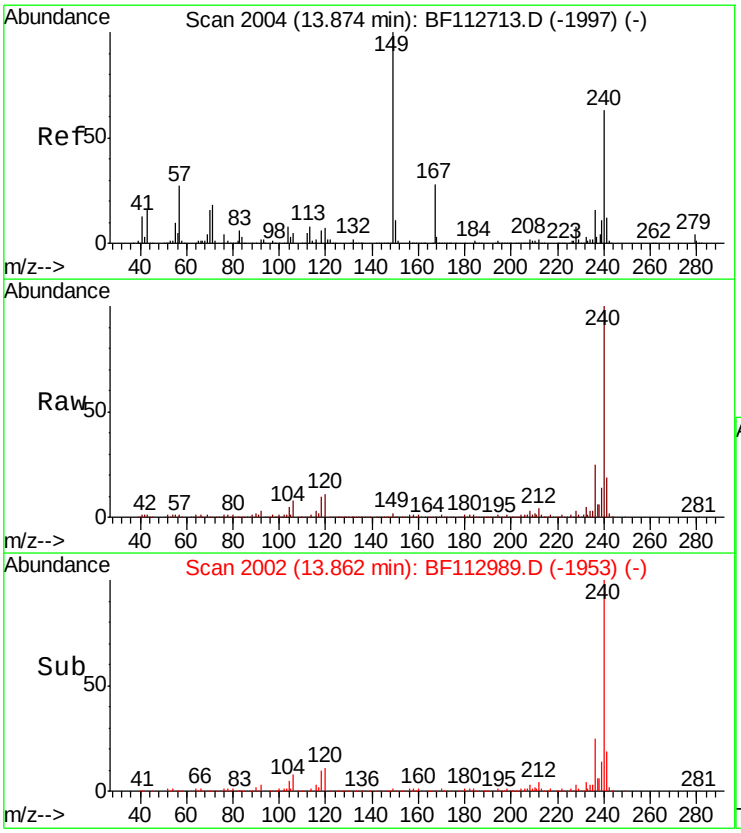
#75
Fluoranthene
Concen: 2.780 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 84856

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.8
203	17.9	0.0	38.4

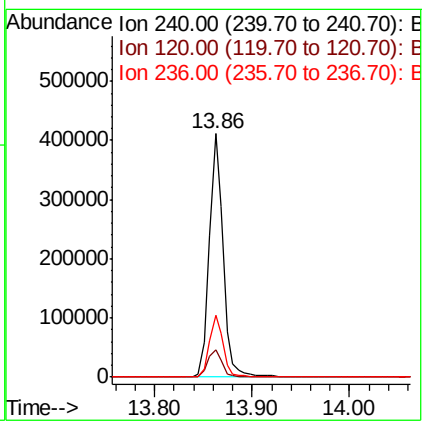


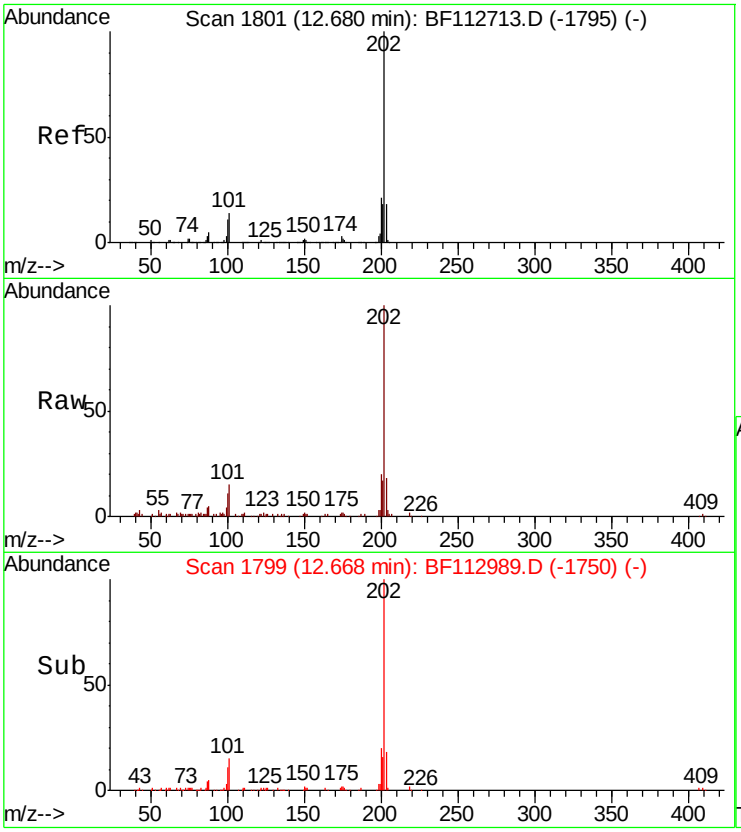


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:240 Resp: 405271

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	25.3	20.7	31.1



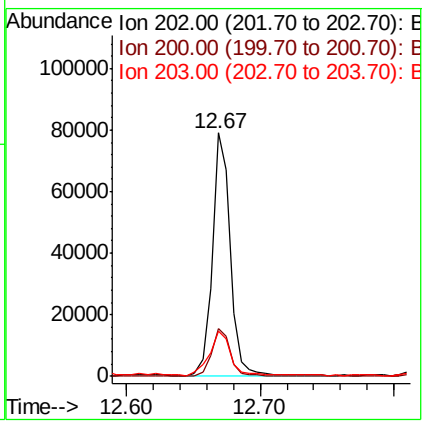


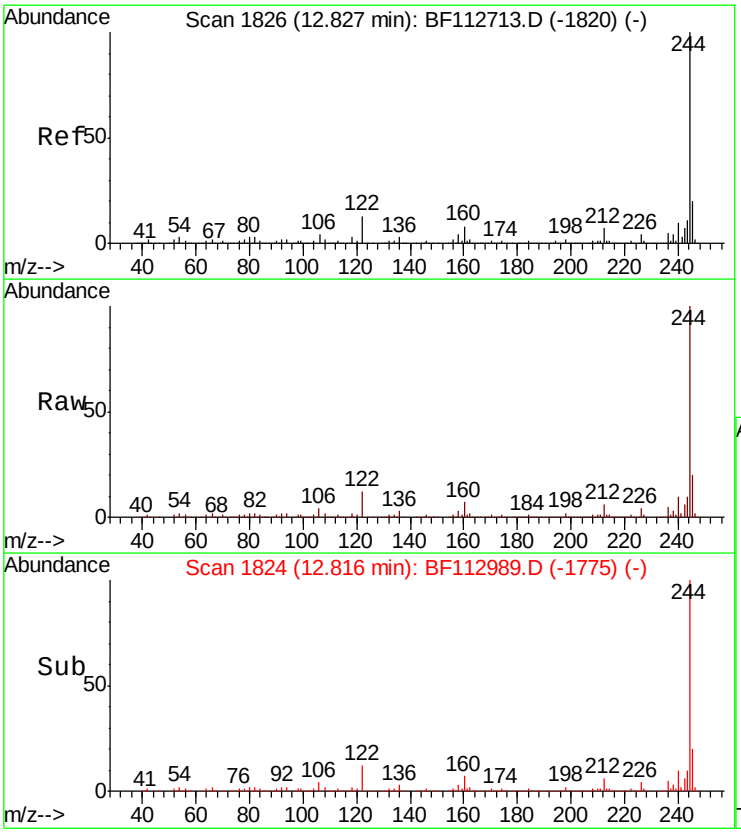
#78
Pyrene
Concen: 2.220 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 75851

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.0	25.4
203	18.4	14.4	21.6

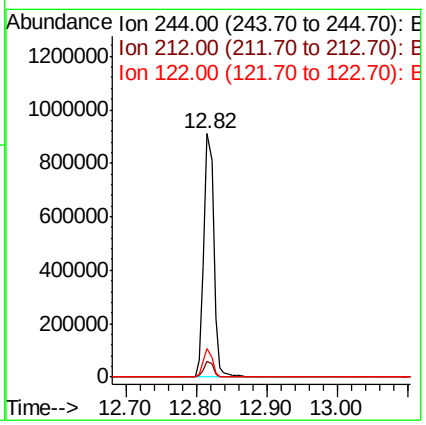


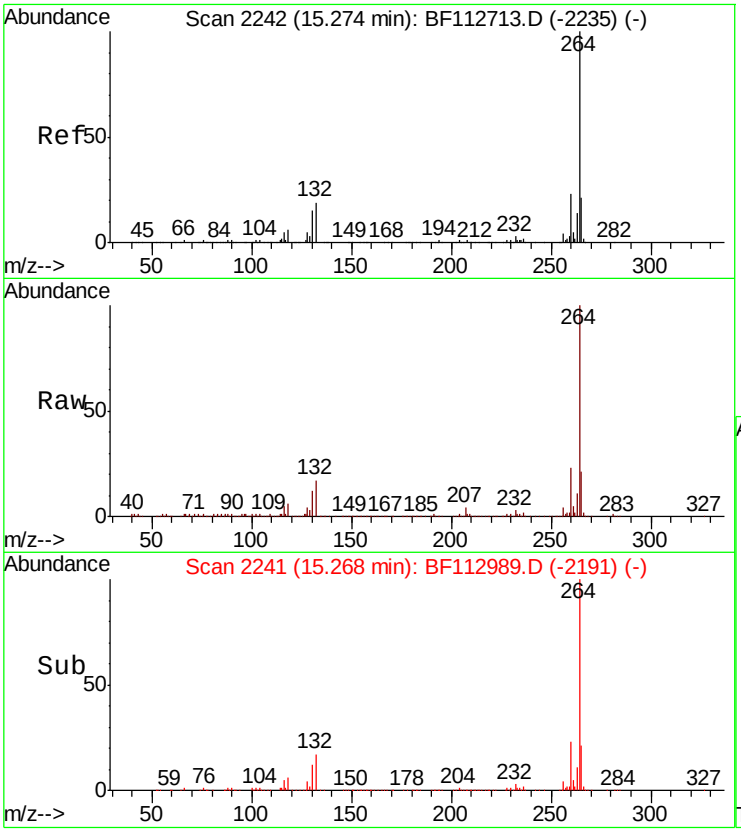


#79
Terphenyl-d14
Concen: 42.626 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:244 Resp: 891160

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	11.8	10.5	15.7



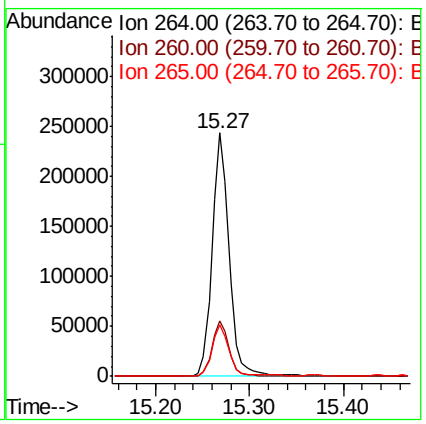


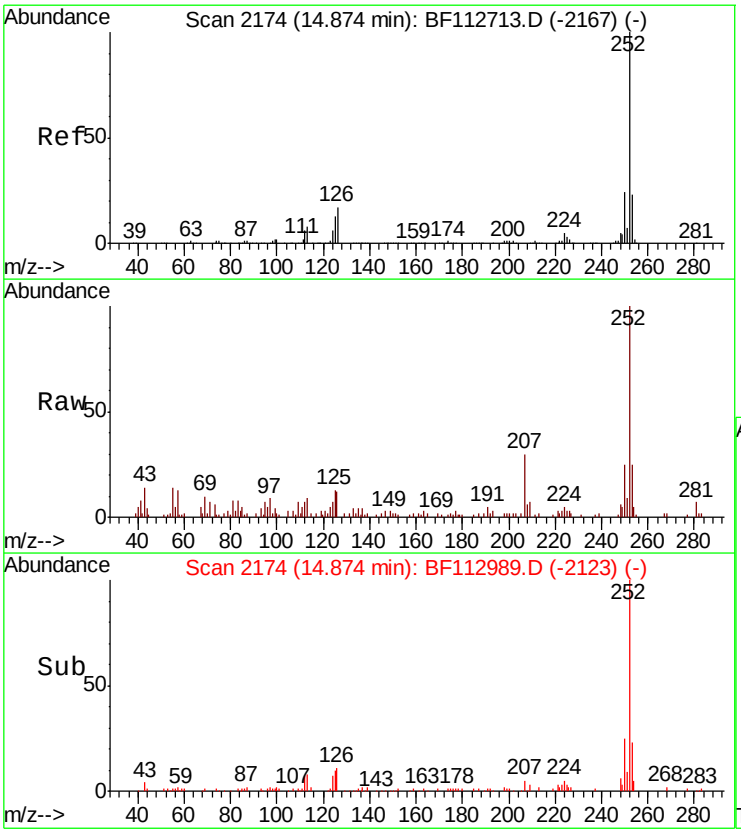
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 311376

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.4	17.2	25.8

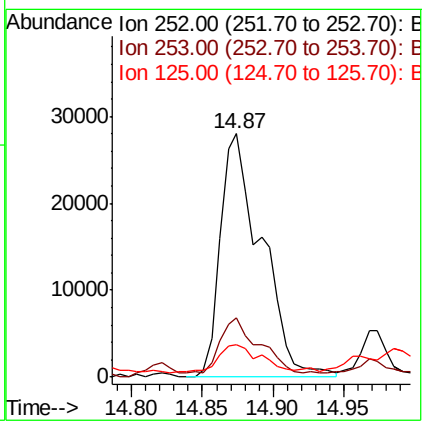


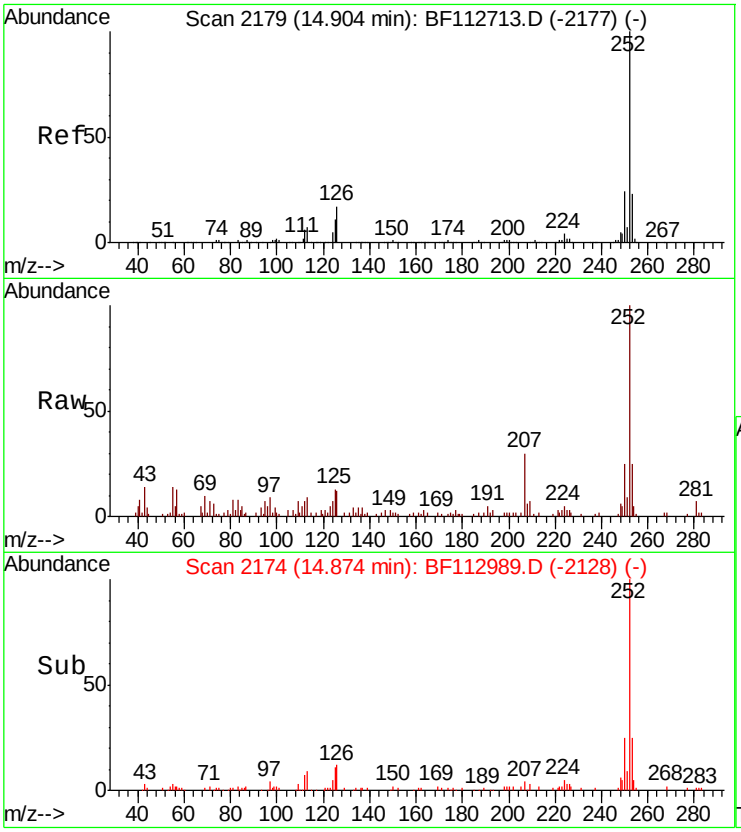


#88
Benzo(b)fluoranthene
Concen: 2.830 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:252 Resp: 57001

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	13.3	10.2	15.2





#89
Benzo(k)fluoranthene
Concen: 3.124 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 57001

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	13.3	9.8	14.6