Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112987.D
Acq On : 12 Mar 2019 6:39
Operator : JU/SJ
Sample : K1817-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW016-030719

Quant Time: Mar 12 07:25:21 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	167817	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	662180	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	349152	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	728644	20.00	ng		0.00
76) Chrysene-d12	13.86	240	555414	20.00	ng		-0.01
87) Perylene-d12	15.27	264	445107	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	981061	90.94	ng		0.00
7) Phenol-d6	6.37	99	1290501	95.23	ng		0.00
23) Nitrobenzene-d5	7.29	82	787474	71.16	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	461206	124.43	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1549862	70.26	ng		-0.01
79) Terphenyl-d14	12.82	244	1641277	57.28	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	32064	2.028	ng		89
19) n-Nitroso-di-n-propylamine	7.29	70	102920	11.991	ng	#	74
25) Isophorone	7.29	82	784622	32.911	ng	#	66
50) Dimethylphthalate	9.48	163	126395	4.910	ng		98
57) 2,4-Dinitrotoluene	9.76	165	44601	6.693	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	810	4.857	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	26130	3.405	ng	#	1
71) Phenanthrene	11.26	178	146394	4.038	ng		96
75) Fluoranthene	12.44	202	263435	6.782	ng		96
78) Pyrene	12.67	202	253106	5.406	ng		98
81) Benzo(a)anthracene	13.85	228	127812	3.320	ng		94
83) Chrysene	13.89	228	125749	3.335	ng		97
88) Benzo(b)fluoranthene	14.87	252	179637	6.239	ng		98
89) Benzo(k)fluoranthene	14.87	252	179637	6.888	ng		98
90) Benzo(a)pyrene	15.21	252	88060	3.458	ng		99
92) Benzo(g,h,i)perylene	17.03	276	44586	2.043	ng		99

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

Quantitation Report (Not Reviewed)

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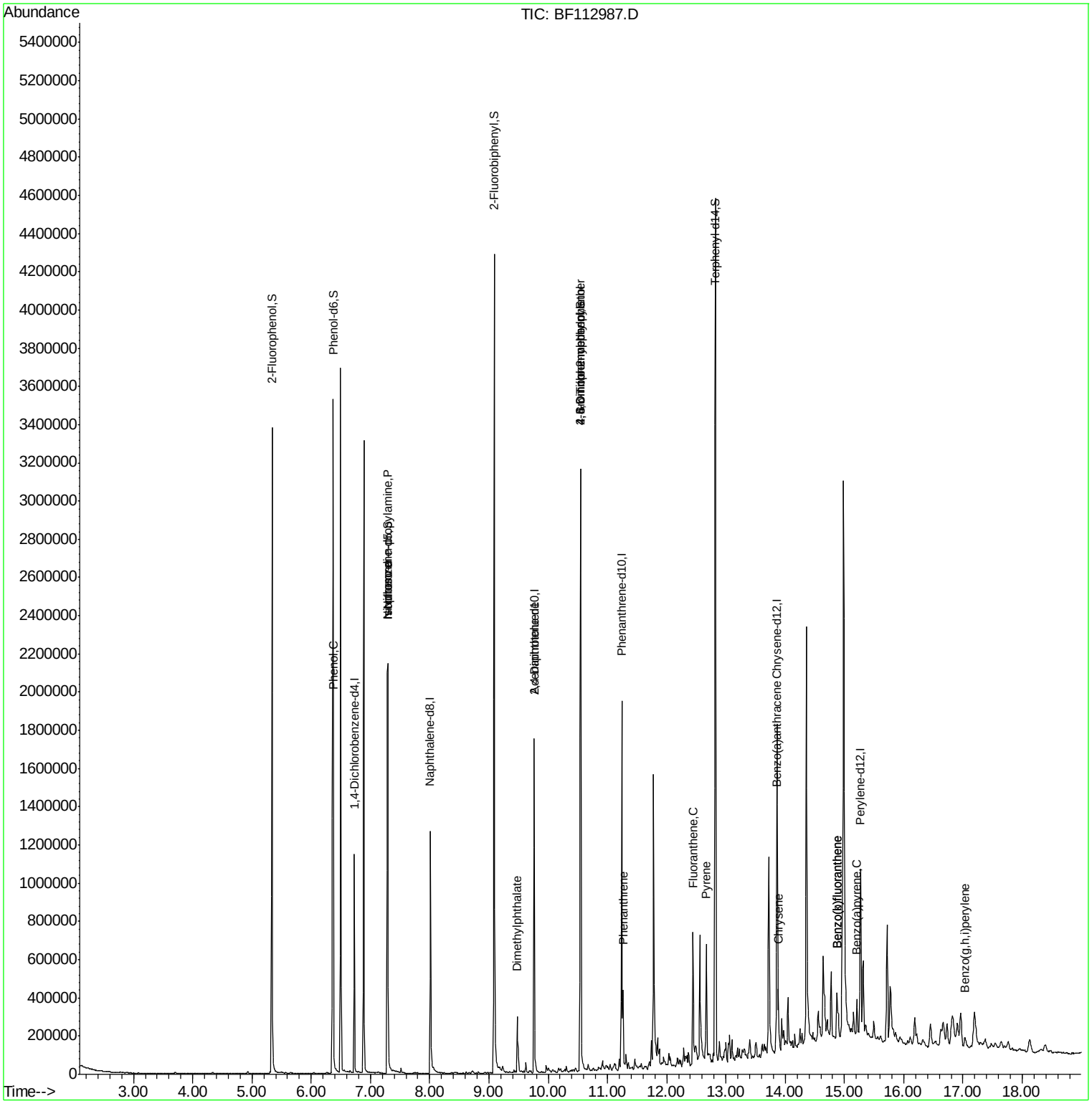
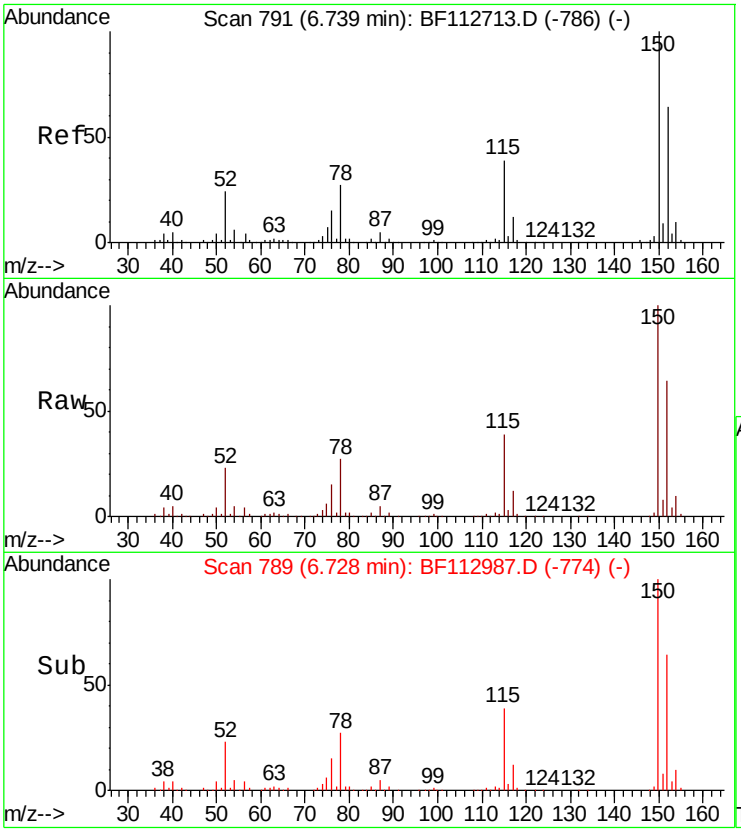


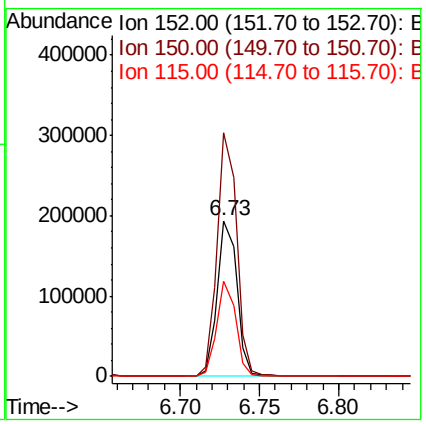


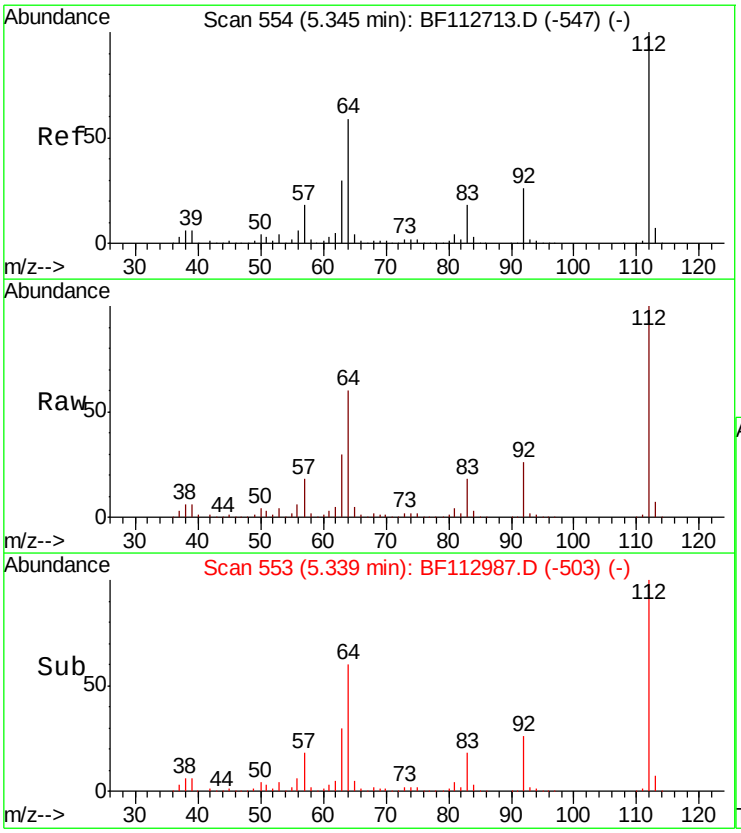
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:152 Resp: 167817

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	61.1	48.2	72.4

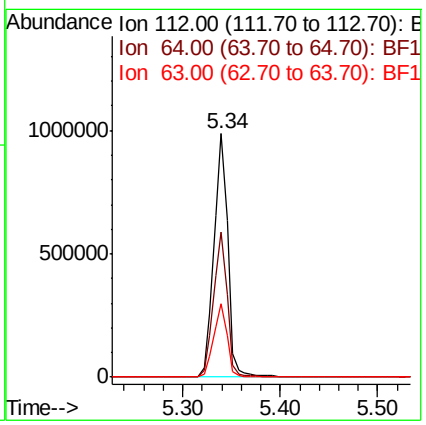


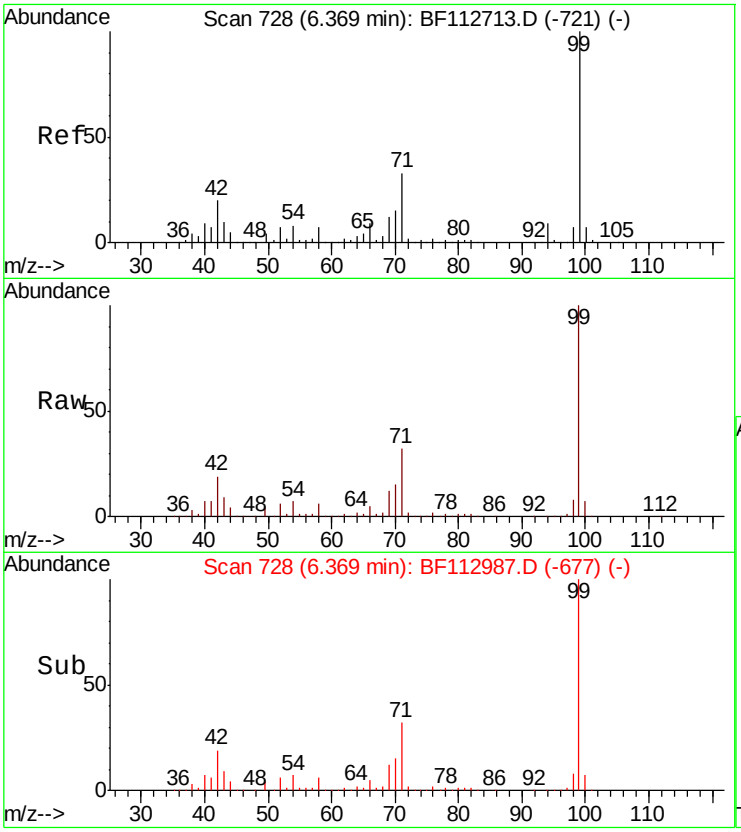


#5
2-Fluorophenol
Concen: 90.937 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:112 Resp: 981061

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.6	71.4
63	30.1	24.4	36.6



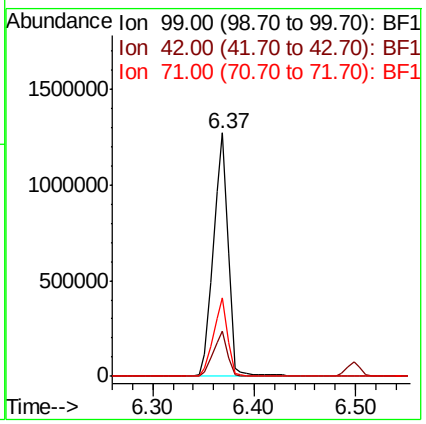


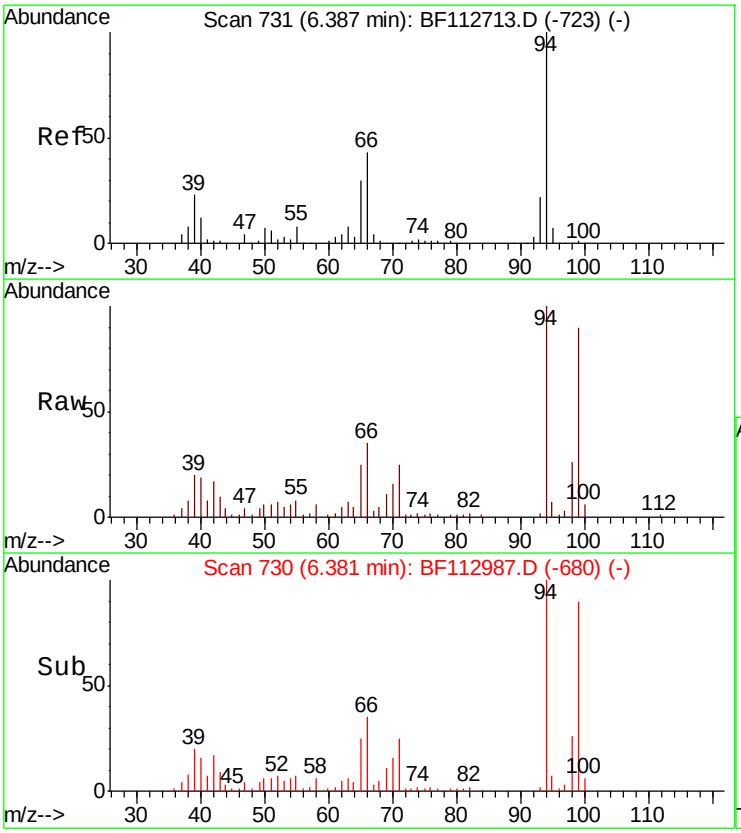
#7
Phenol-d6
Concen: 95.227 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion: 99 Resp: 1290501

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.2	26.2	39.4

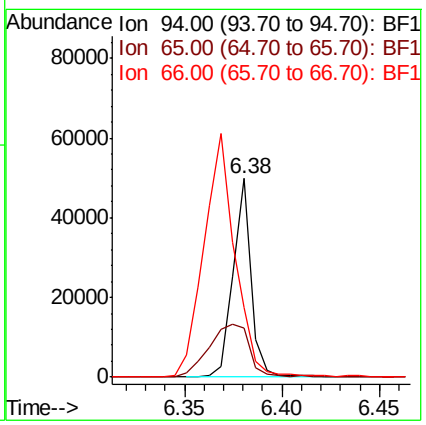


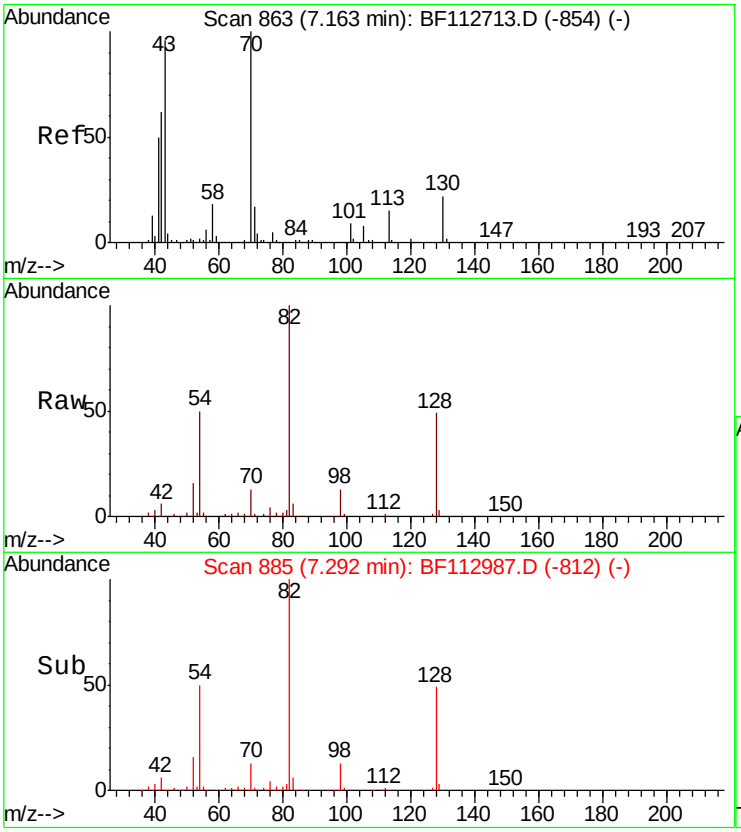


#10
Phenol
Concen: 2.028 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion: 94 Resp: 32064

Ion	Ratio	Lower	Upper
94	100		
65	24.8	10.5	50.5
66	35.3	22.6	62.6



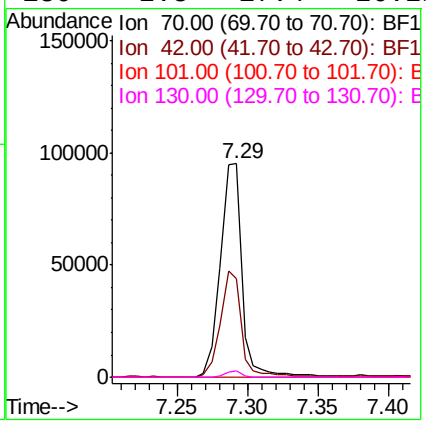


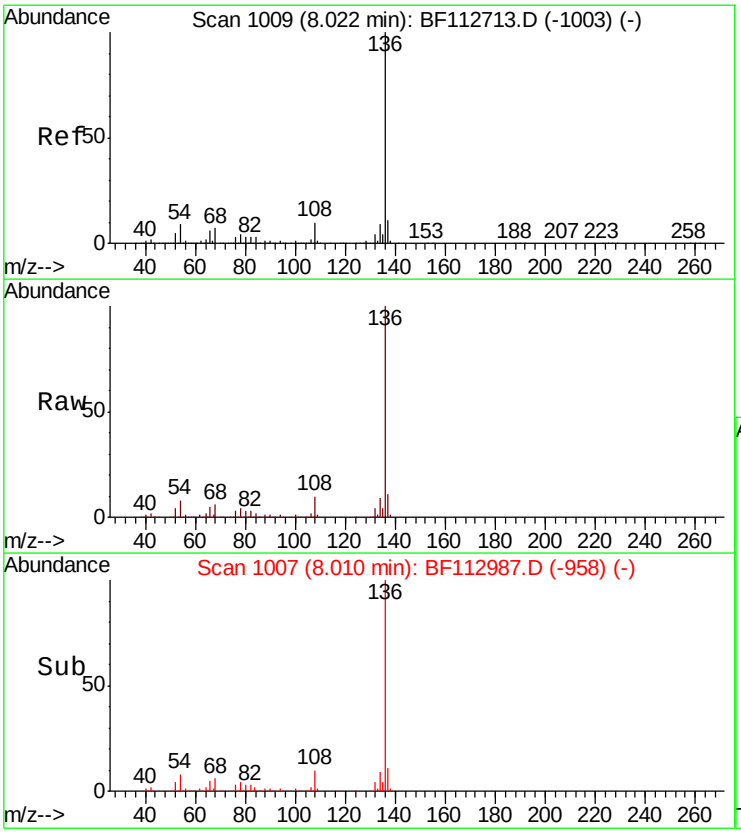
#19
n-Nitroso-di-n-propylamine
Concen: 11.991 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion: 70 Resp: 102920

Ion	Ratio	Lower	Upper
70	100		
42	46.2	49.9	74.9#
101	0.0	7.4	11.2#
130	2.8	17.4	26.2#

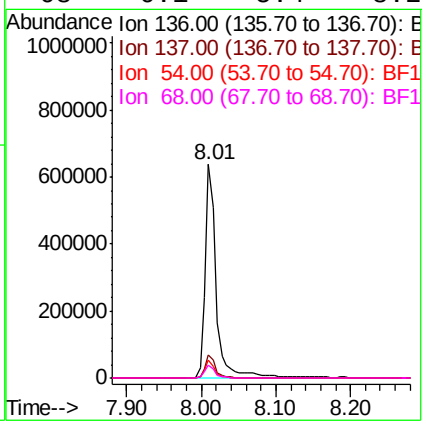


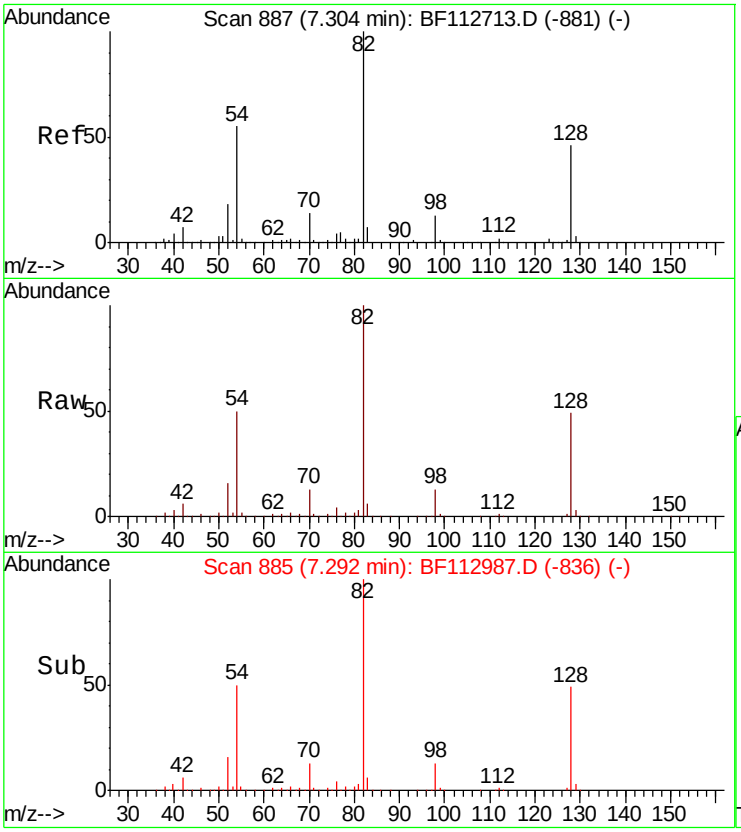


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:136 Resp: 662180

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	7.3	10.9
68	6.1	5.4	8.2



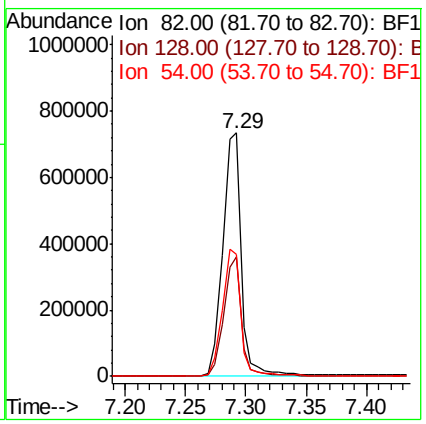


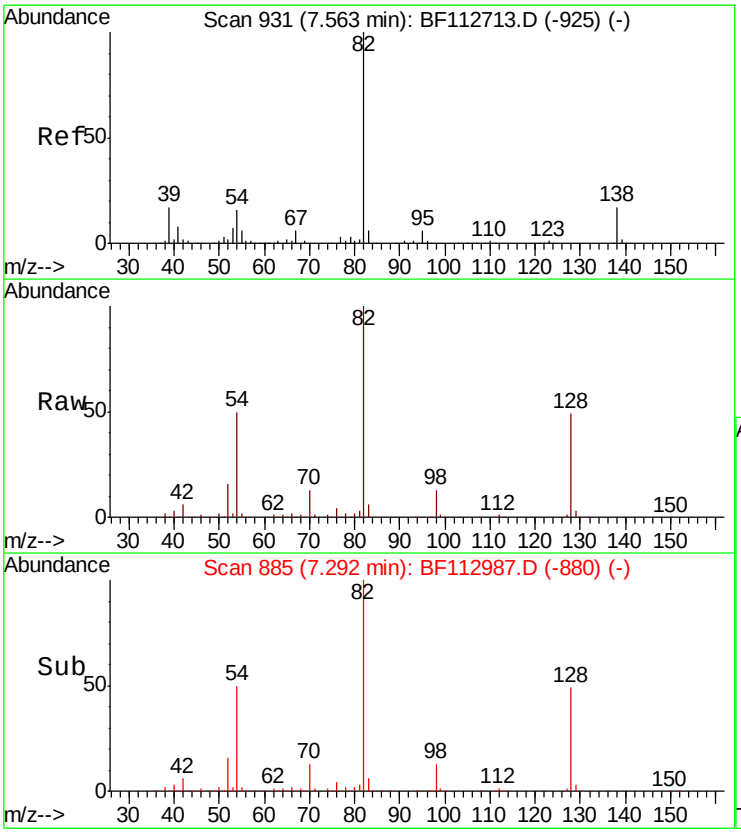
#23
Nitrobenzene-d5
Concen: 71.160 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion: 82 Resp: 787474

Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.3	54.5
54	50.0	43.7	65.5

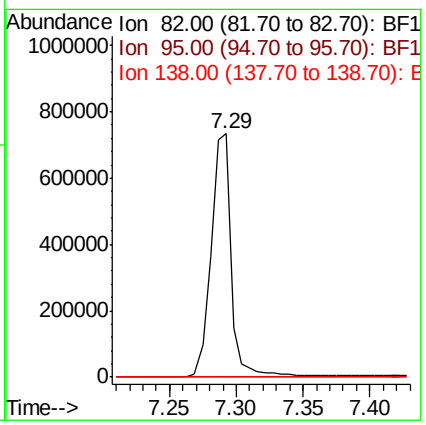


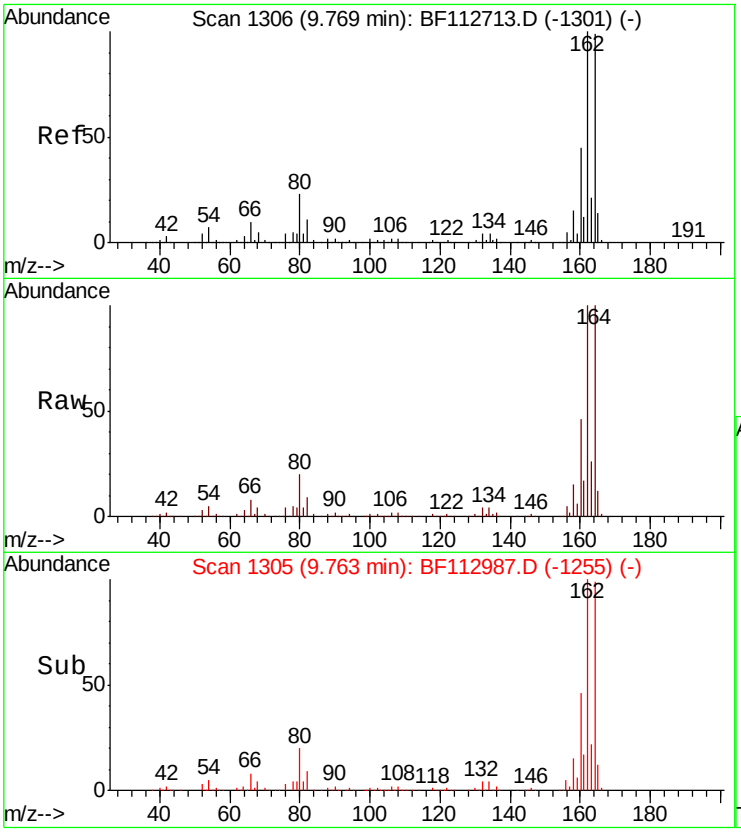


#25
Isophorone
Concen: 32.911 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion: 82 Resp: 784622

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



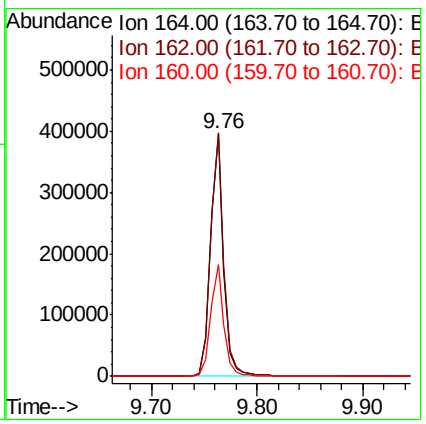


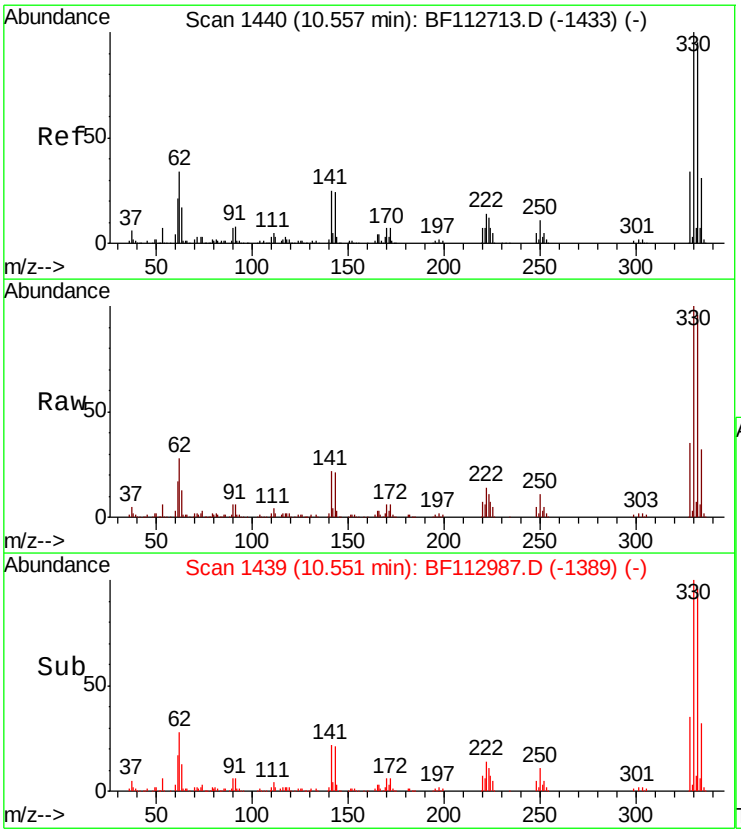
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:164 Resp: 349152

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	120.8
160	45.9	36.0	54.0

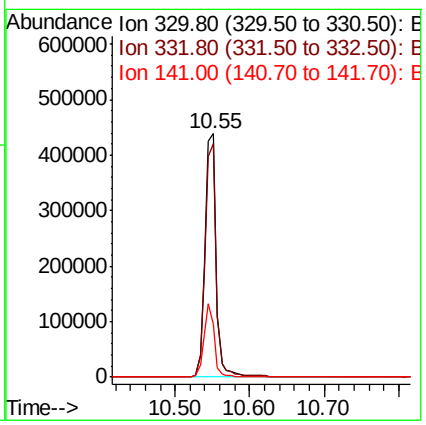


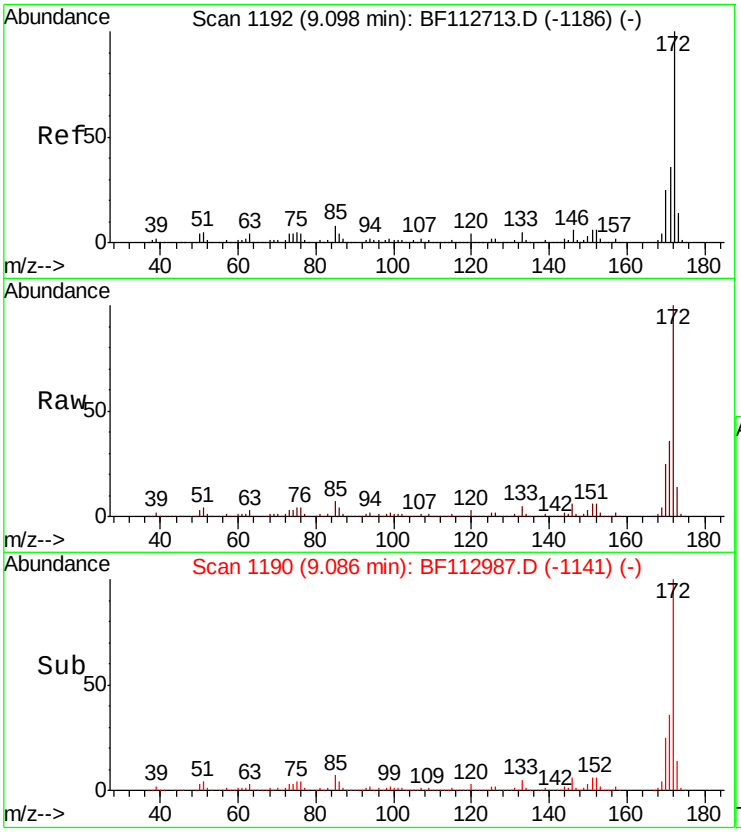


#42
2,4,6-Tribromophenol
Concen: 124.425 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:330 Resp: 461206

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	28.3	27.0	40.6



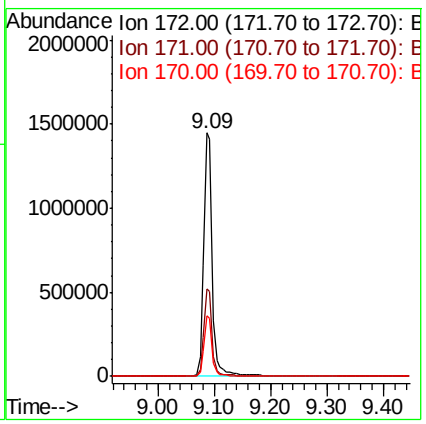


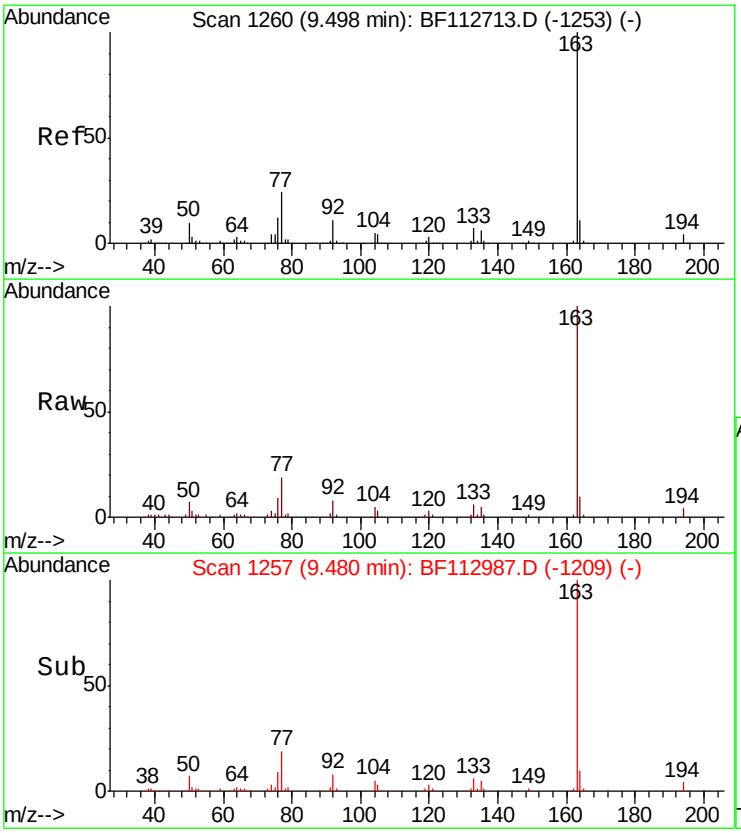
#45
2-Fluorobiphenyl
Concen: 70.258 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:172 Resp: 1549862

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.7	20.0	30.0

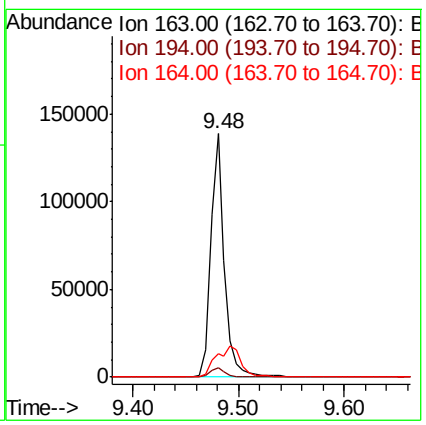


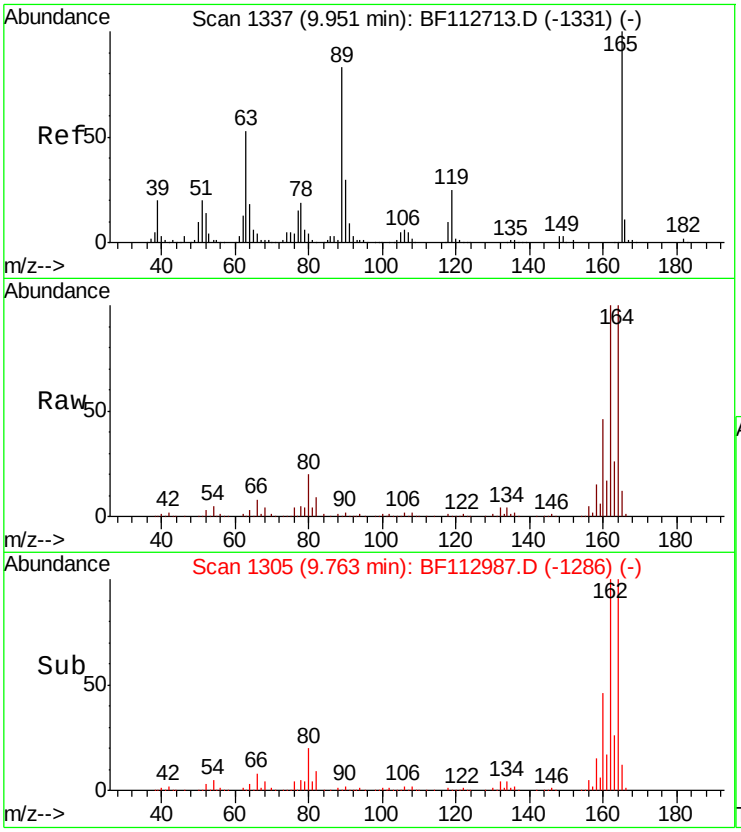


#50
Dimethylphthalate
Concen: 4.910 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:163 Resp: 126395

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.7	8.4	12.6



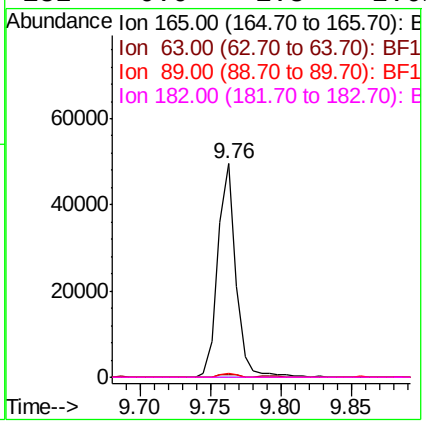


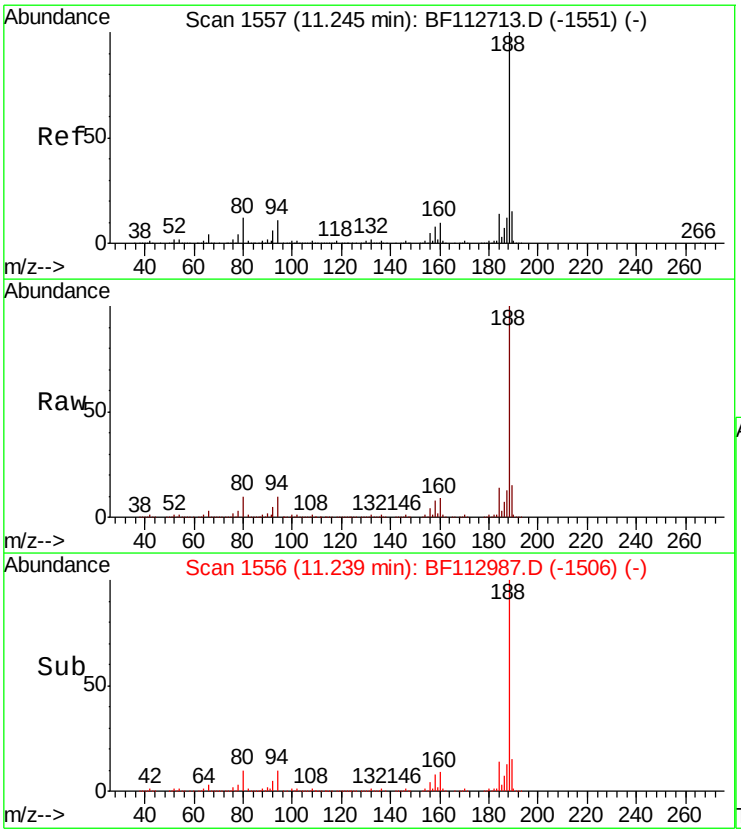
#57
2,4-Dinitrotoluene
Concen: 6.693 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:165 Resp: 44601

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#

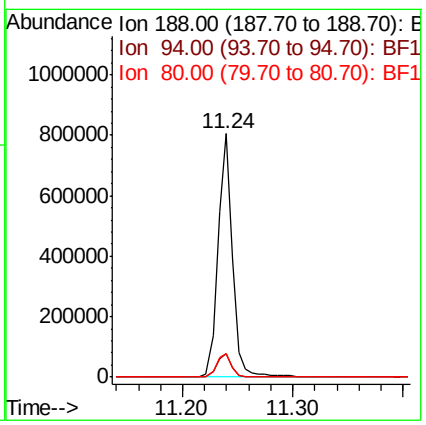


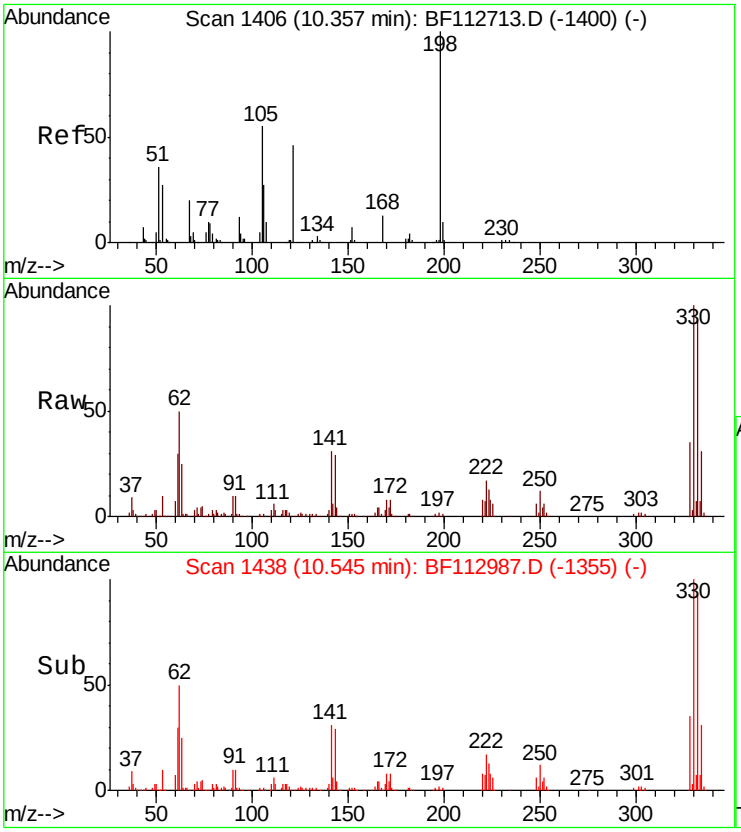


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:188 Resp: 728644

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	9.8	9.2	13.8



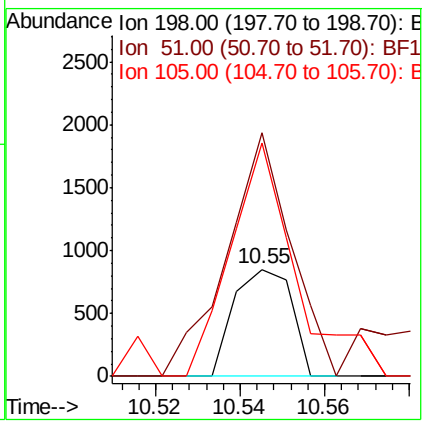


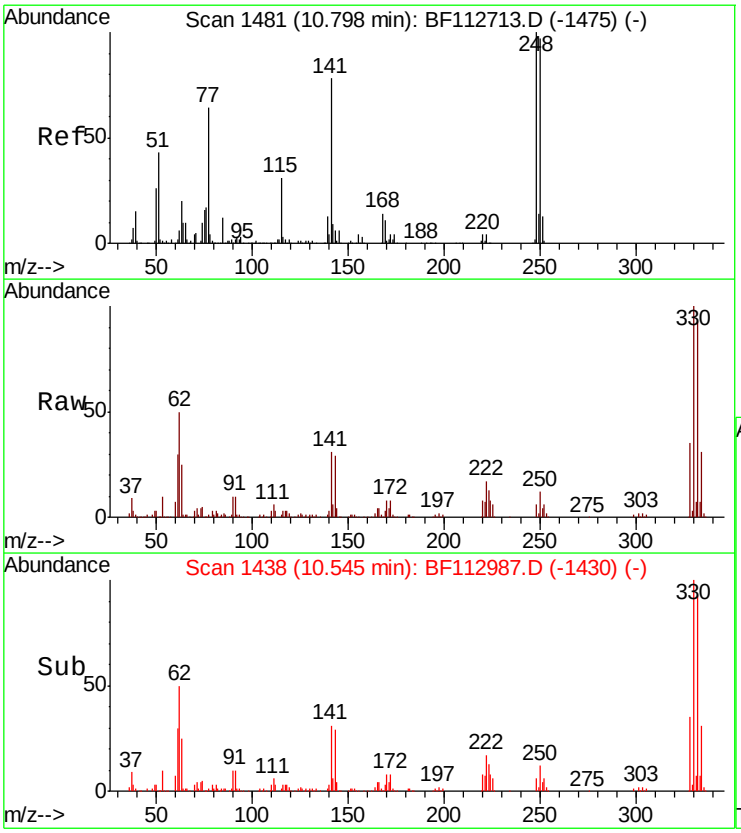
#65
4,6-Dinitro-2-methylphenol
Concen: 4.857 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:198 Resp: 810

Ion	Ratio	Lower	Upper
198	100		
51	227.2	43.8	83.8#
105	217.5	36.5	76.5#

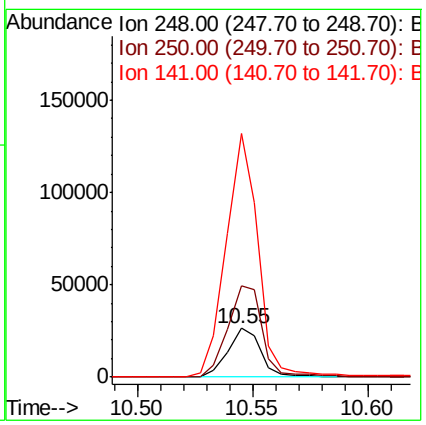


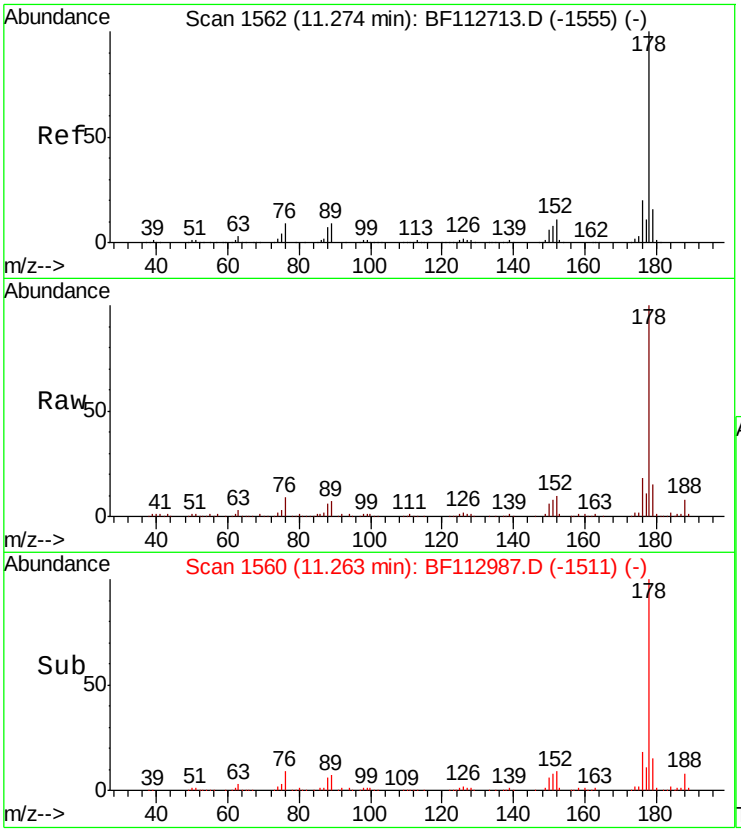


#67
4-Bromophenyl-phenylether
Concen: 3.405 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:248 Resp: 26130

Ion	Ratio	Lower	Upper
248	100		
250	186.8	77.5	116.3#
141	498.0	62.4	93.6#



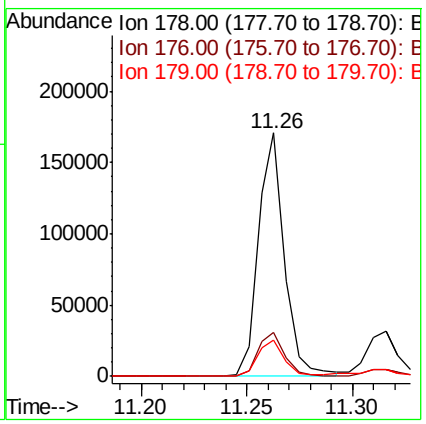


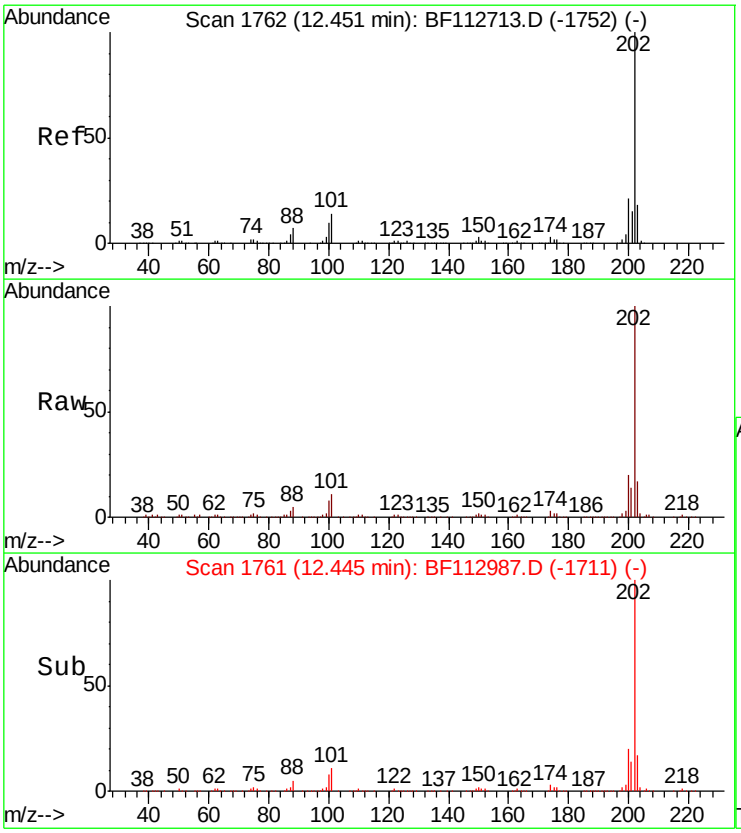
#71
Phenanthrene
Concen: 4.038 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:178 Resp: 146394

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.3	24.5
179	15.0	12.7	19.1

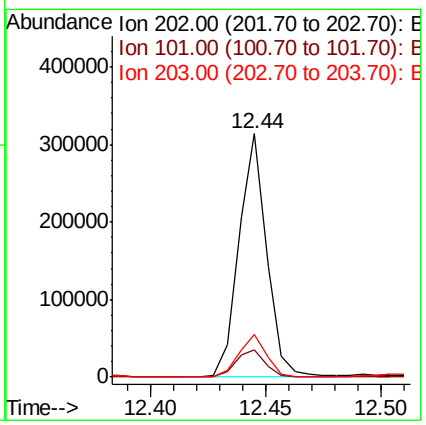


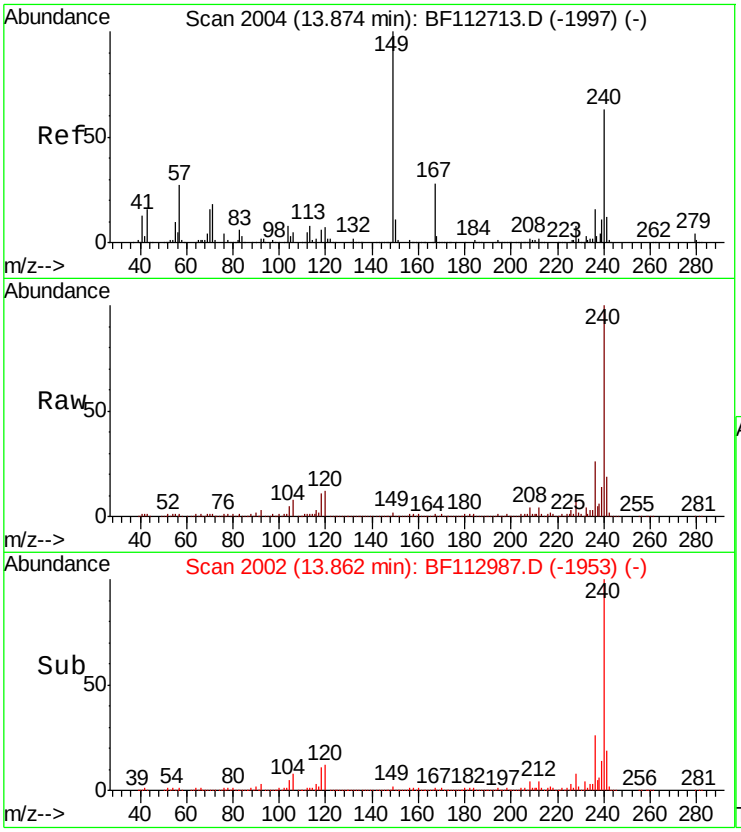


#75
Fluoranthene
Concen: 6.782 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:202 Resp: 263435

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.8
203	17.3	0.0	38.4



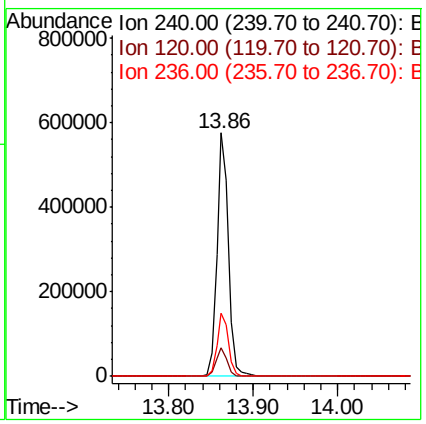


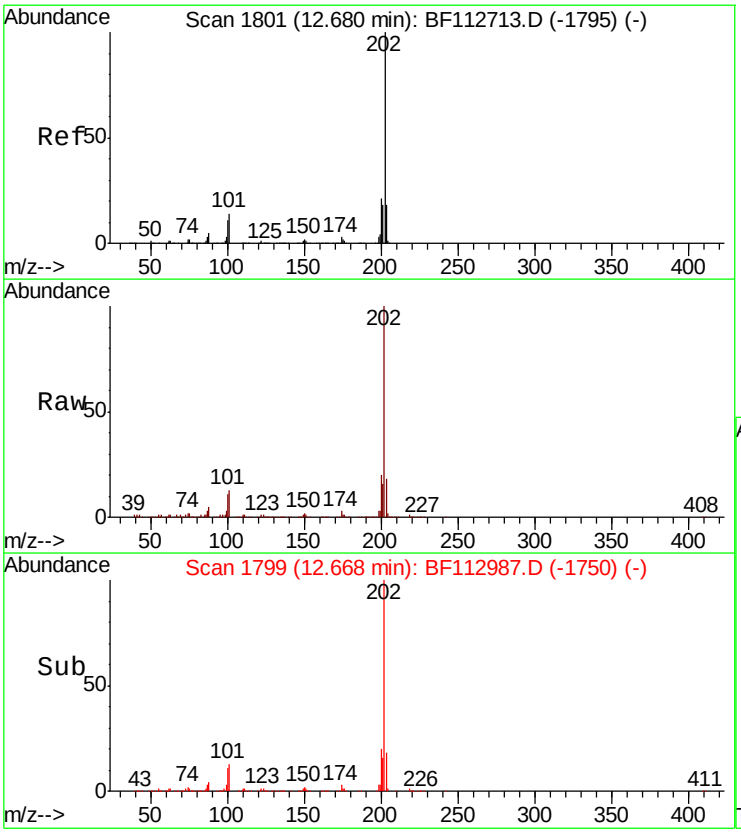
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:240 Resp: 555414

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	25.7	20.7	31.1

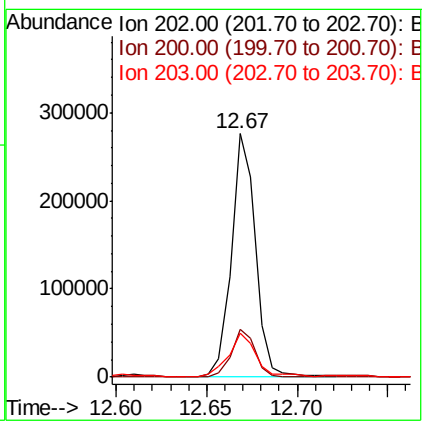


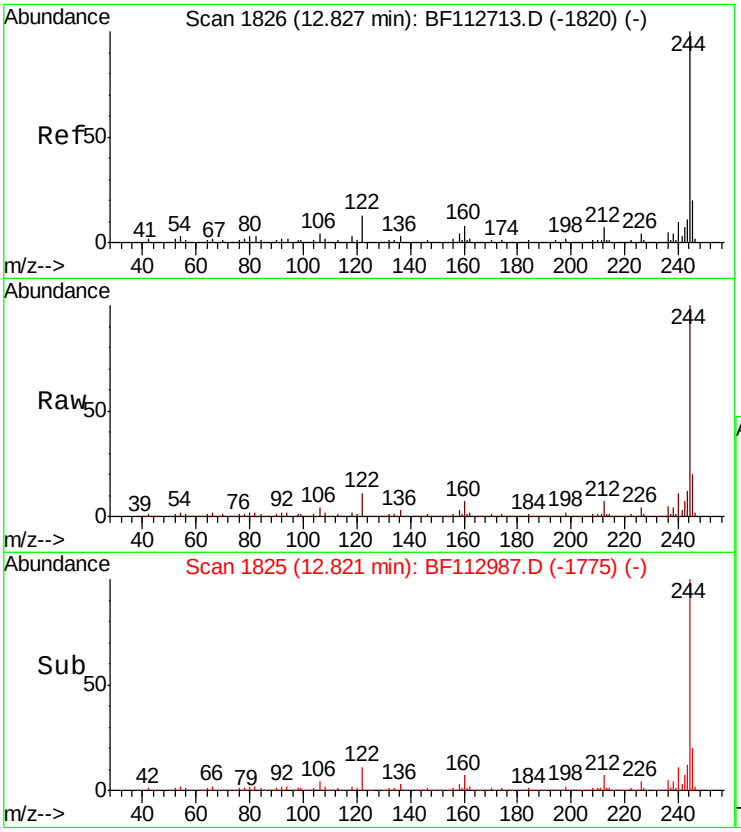


#78
Pyrene
Concen: 5.406 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:202 Resp: 253106

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.4
203	18.1	14.4	21.6



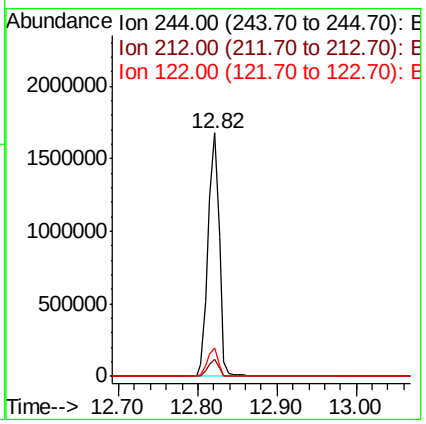


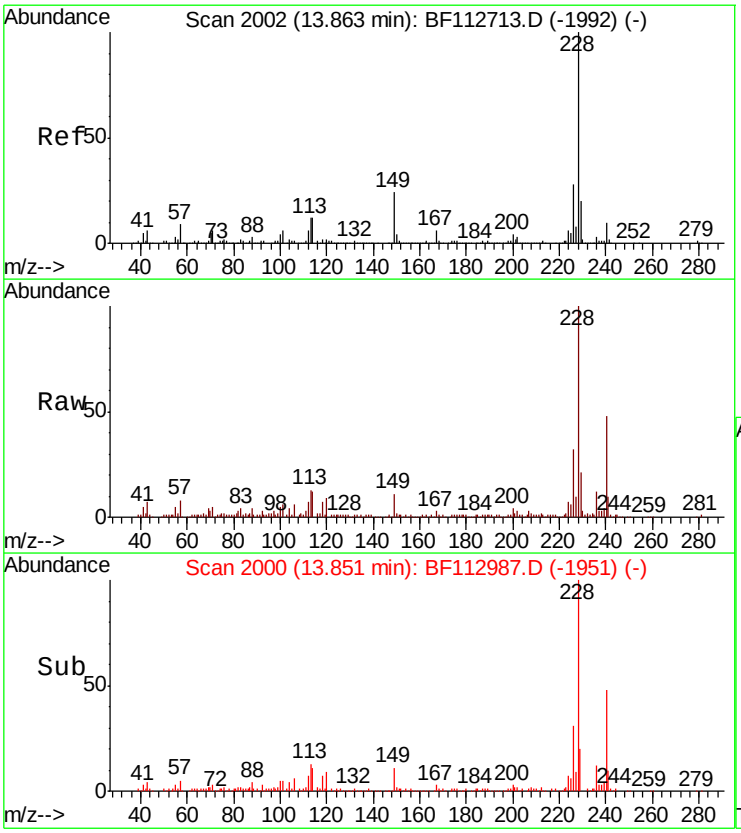
#79
Terphenyl-d14
Concen: 57.284 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:244 Resp: 1641277

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.5	10.5	15.7

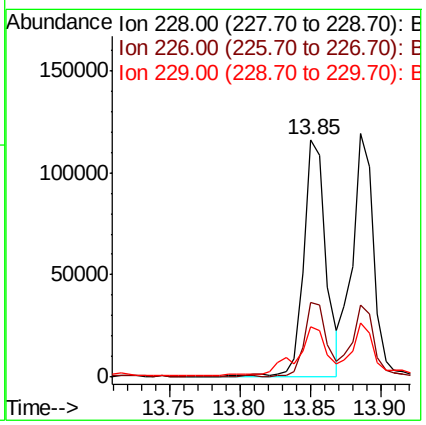


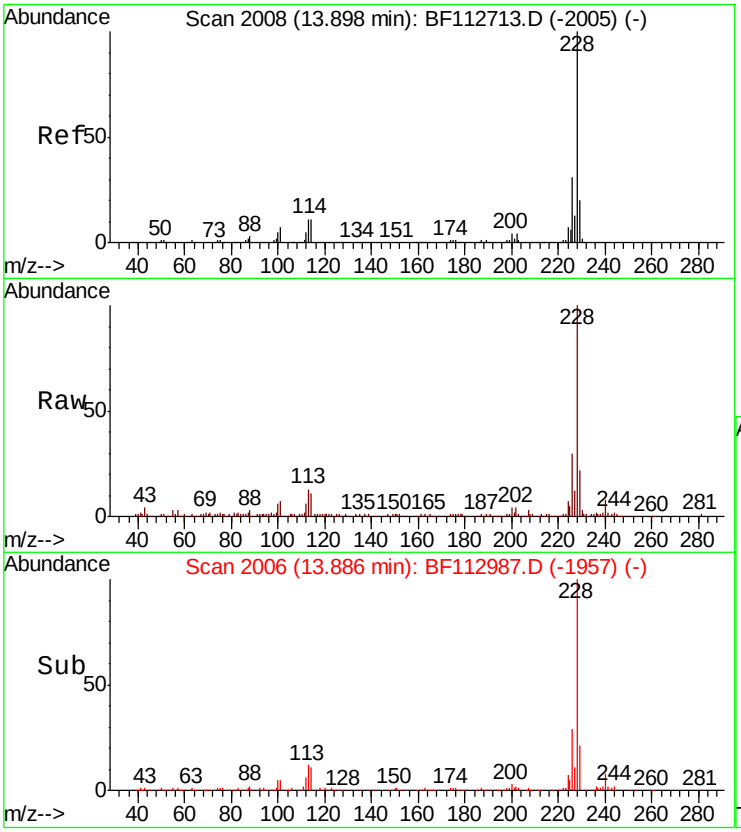


#81
Benzo(a)anthracene
Concen: 3.320 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:228 Resp: 127812

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.2	33.4
229	21.4	16.0	24.0



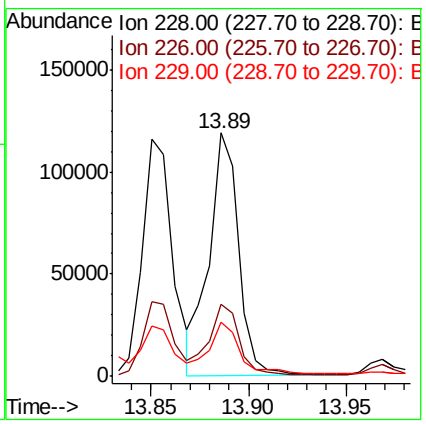


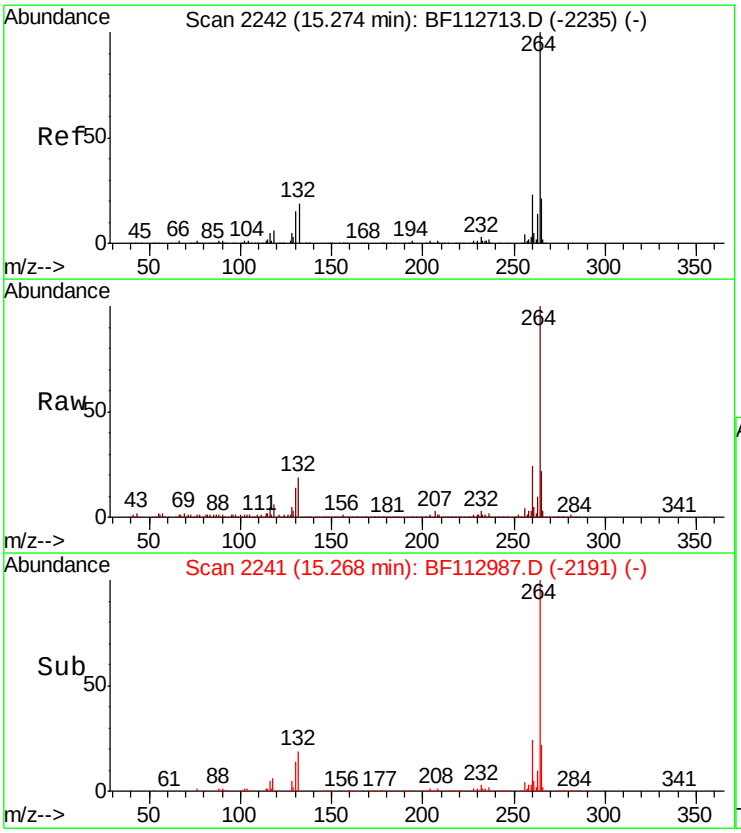
#83
Chrysene
Concen: 3.335 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:228 Resp: 125749

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.4	16.3	24.5

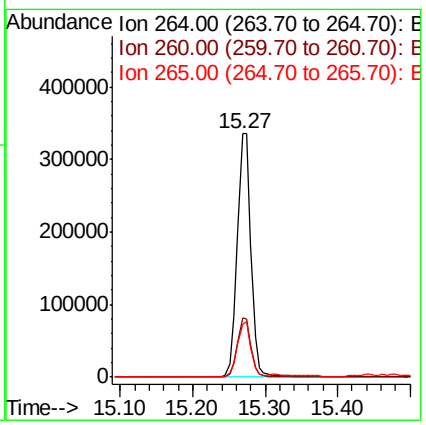


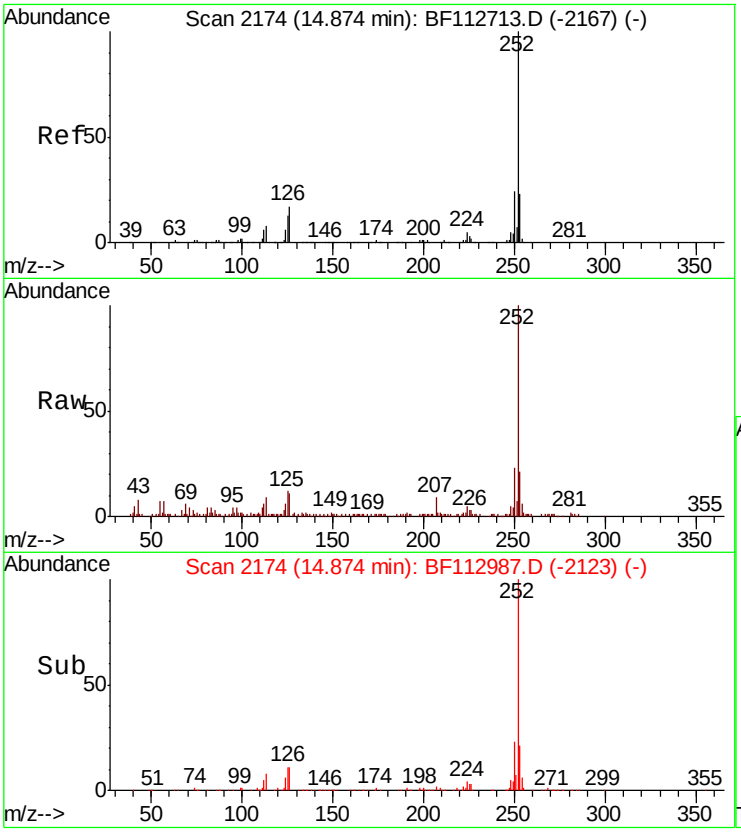


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:264 Resp: 445107

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	17.2	25.8



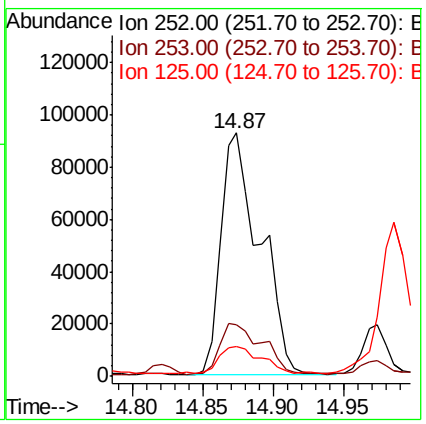


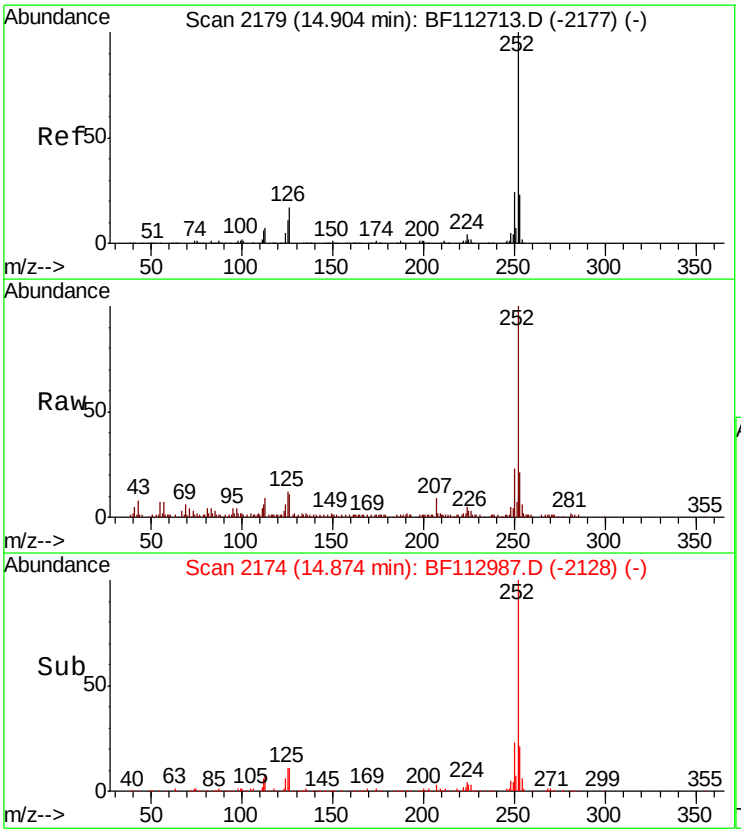
#88
Benzo(b)fluoranthene
Concen: 6.239 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:252 Resp: 179637

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	12.4	10.2	15.2

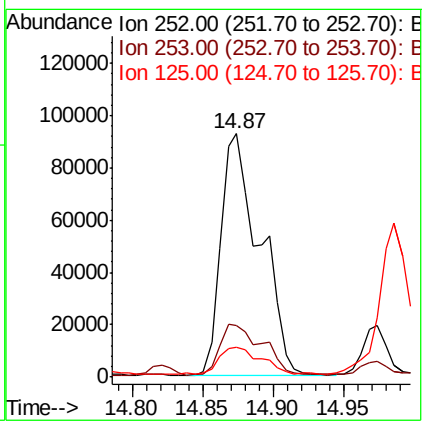


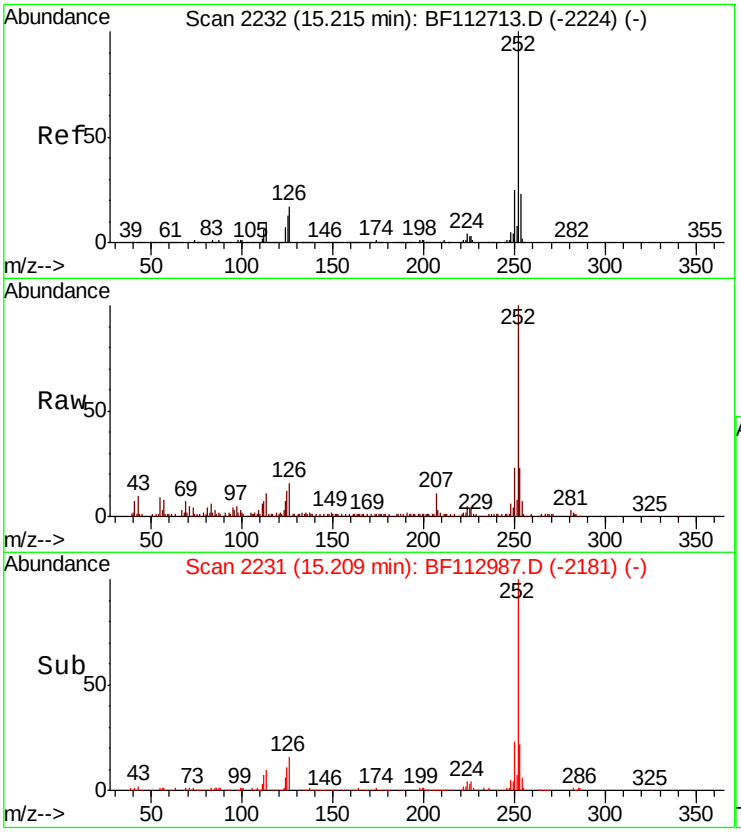


#89
Benzo(k)fluoranthene
Concen: 6.888 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:252 Resp: 179637

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	12.4	9.8	14.6



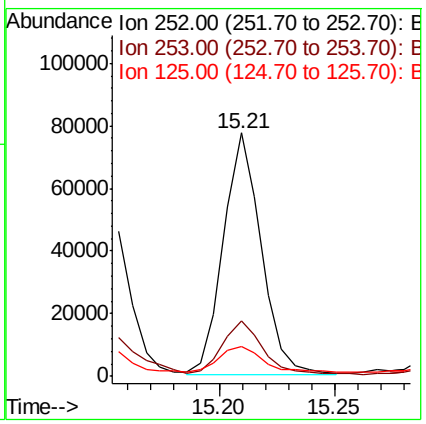


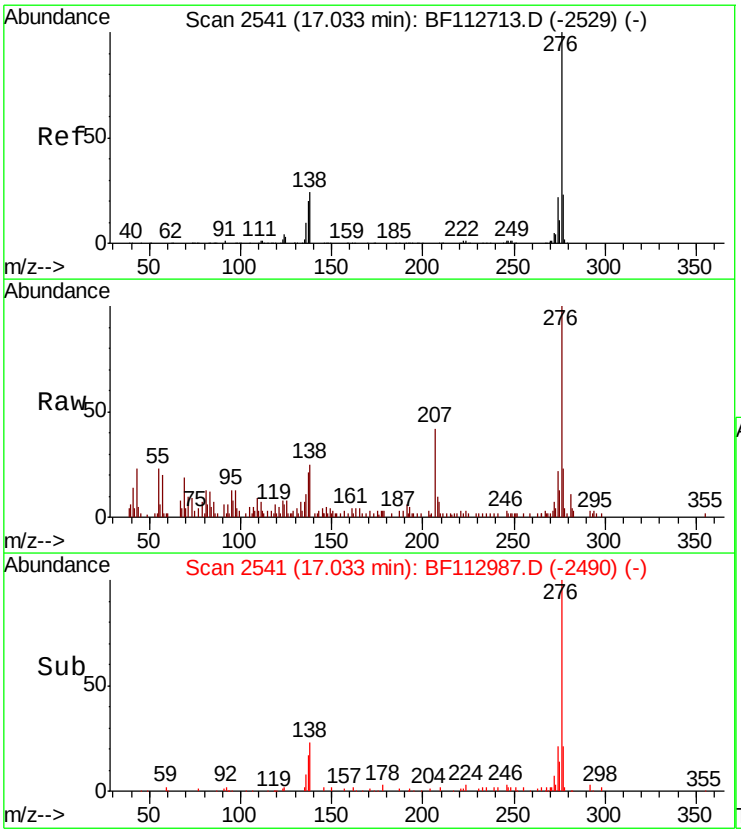
#90
Benzo(a)pyrene
Concen: 3.458 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW016-030719

Tgt Ion:252 Resp: 88060

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.4	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.043 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF112987.D
Acq: 12 Mar 2019 6:39

Tgt Ion:276 Resp: 44586

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	25.3	19.4	29.0