Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\NOT REVIEWED DATA\
Data File : BF112900.D
Acq On : 7 Mar 2019 00:15
Operator : JU/SJ
Sample : K1705-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-028-SW004-022719

Quant Time: Mar 07 06:35:25 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	204494	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	731622	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	303641	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	555205	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	546723	20.00	ng		-0.01
87) Perylene-d12	15.26	264	592301	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1147993	87.33	ng		0.00
7) Phenol-d6	6.37	99	1430580	86.63	ng		0.00
23) Nitrobenzene-d5	7.29	82	861938	70.50	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	343237	106.48	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1360318	71.09	ng		-0.01
79) Terphenyl-d14	12.82	244	1306289	46.32	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	111811	10.691	ng	#	76
25) Isophorone	7.29	82	851574	32.329	ng	#	66
32) Benzoic acid	7.72	122	15208	2.059	ng		88
50) Dimethylphthalate	9.48	163	95912	4.284	ng		98
51) 2,6-Dinitrotoluene	9.76	165	39234	8.415	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	39227	6.769	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.54	198	459	4.795	ng	#	1
67) 4-Bromophenyl-phenylether	10.54	248	19768	3.380	ng	#	1
71) Phenanthrene	11.26	178	62876	2.276	ng		98
75) Fluoranthene	12.44	202	203233	6.867	ng		98
78) Pyrene	12.67	202	180085	3.907	ng		98
81) Benzo(a)anthracene	13.85	228	95323	2.516	ng		95
83) Chrysene	13.89	228	134884	3.634	ng		96
84) Bis(2-ethylhexyl)phthalate	13.86	149	486693	20.395	ng		99
88) Benzo(b)fluoranthene	14.87	252	250286	6.533	ng		99
89) Benzo(k)fluoranthene	14.87	252	250286	7.212	ng		99
90) Benzo(a)pyrene	15.20	252	107648	3.177	ng		98
92) Benzo(g,h,i)perylene	17.02	276	59209	2.039	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\NOT REVIEWED DATA\
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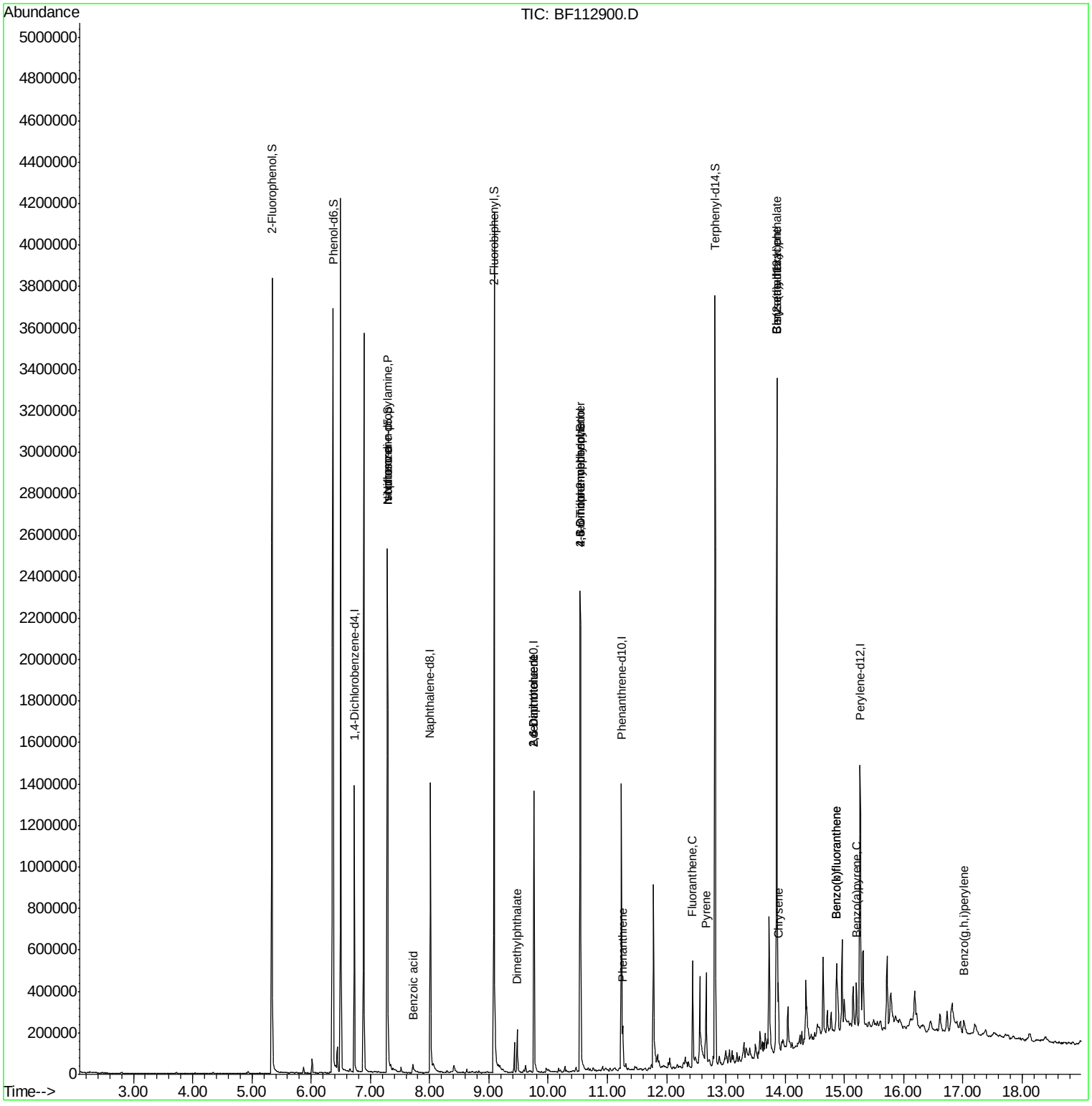
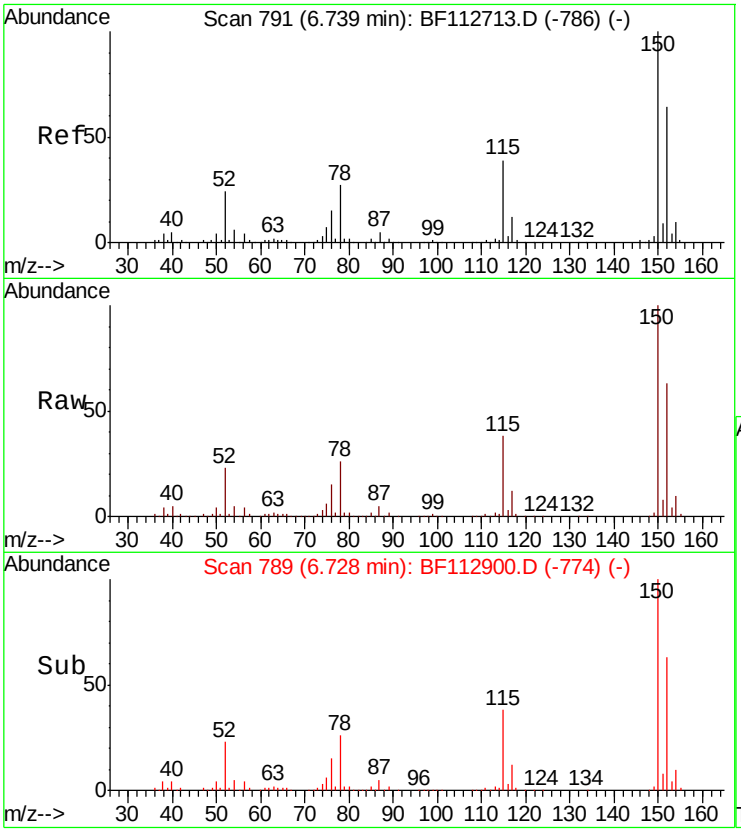


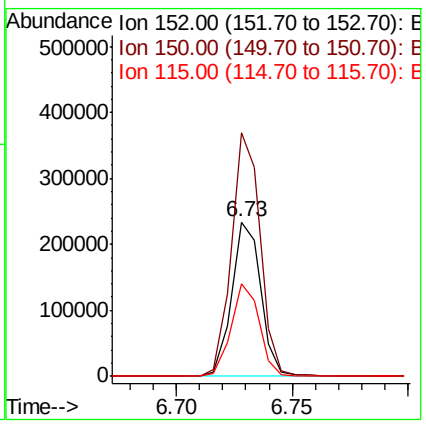


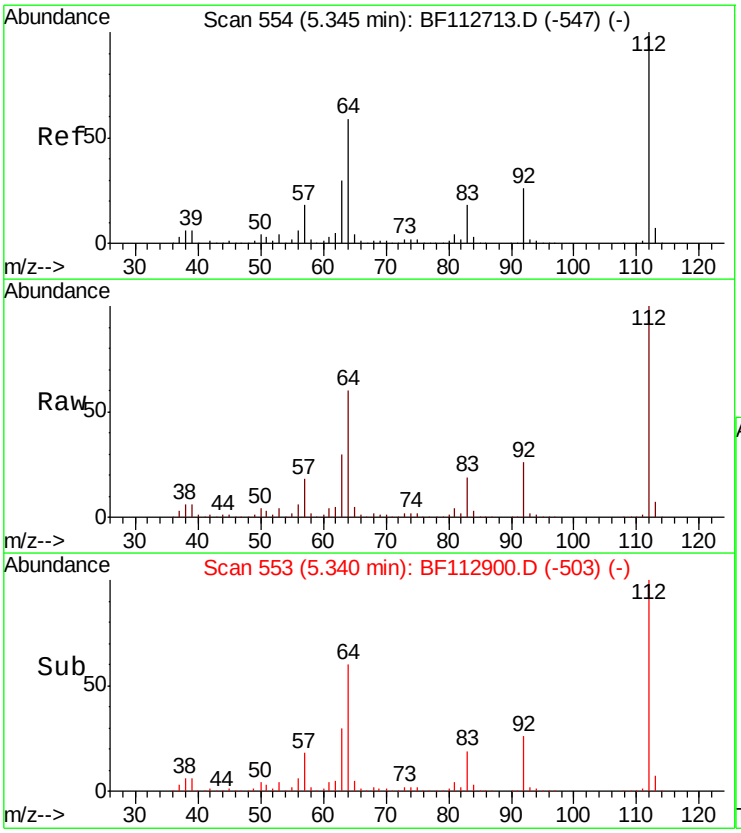
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:152 Resp: 204494

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	60.2	48.2	72.4

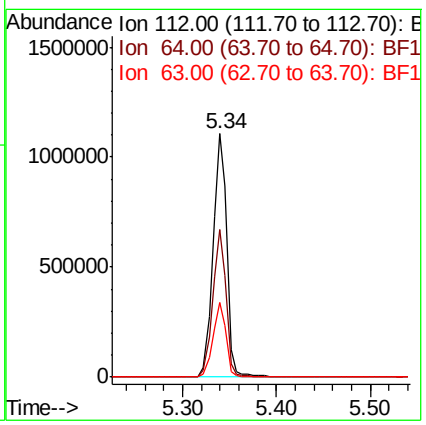


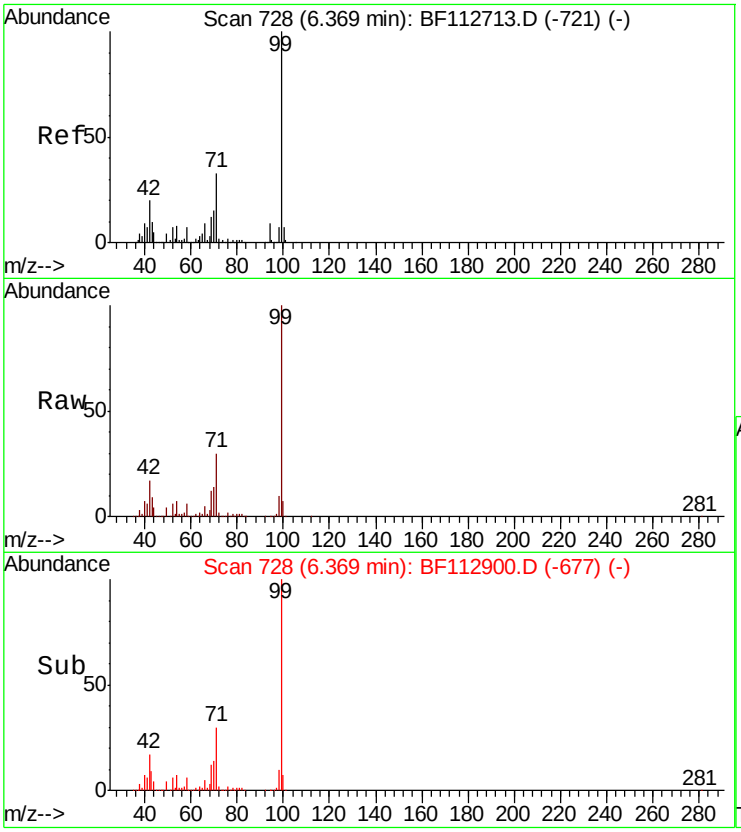


#5
2-Fluorophenol
Concen: 87.325 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:112 Resp: 1147993

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.6	71.4
63	30.4	24.4	36.6



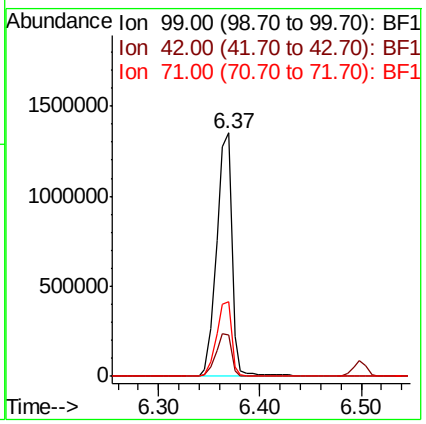


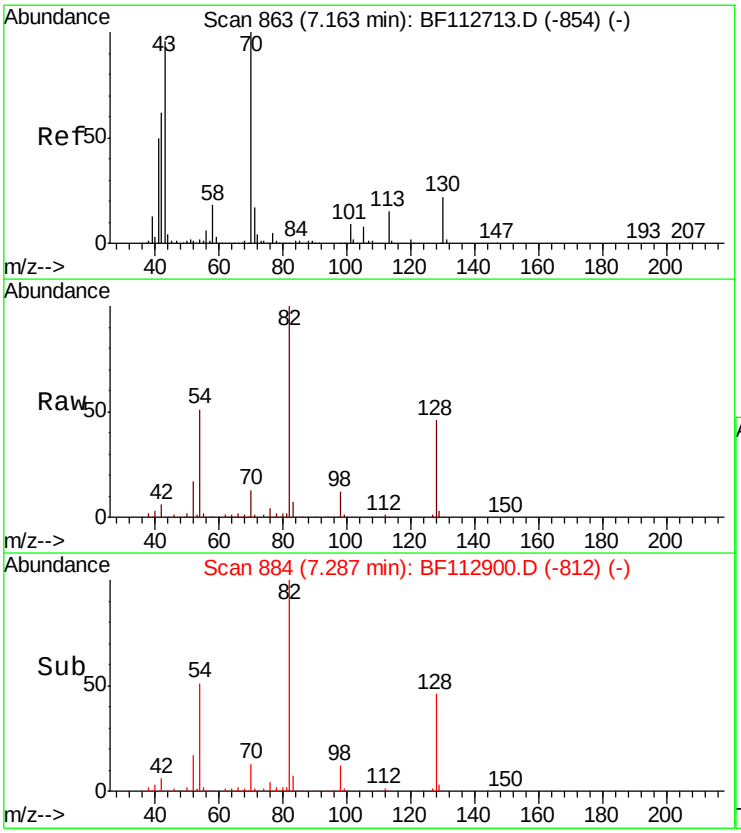
#7
Phenol-d6
Concen: 86.630 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion: 99 Resp: 1430580

Ion	Ratio	Lower	Upper
99	100		
42	17.1	16.3	24.5
71	30.4	26.2	39.4

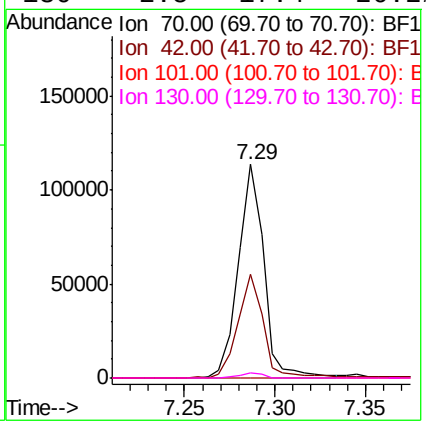


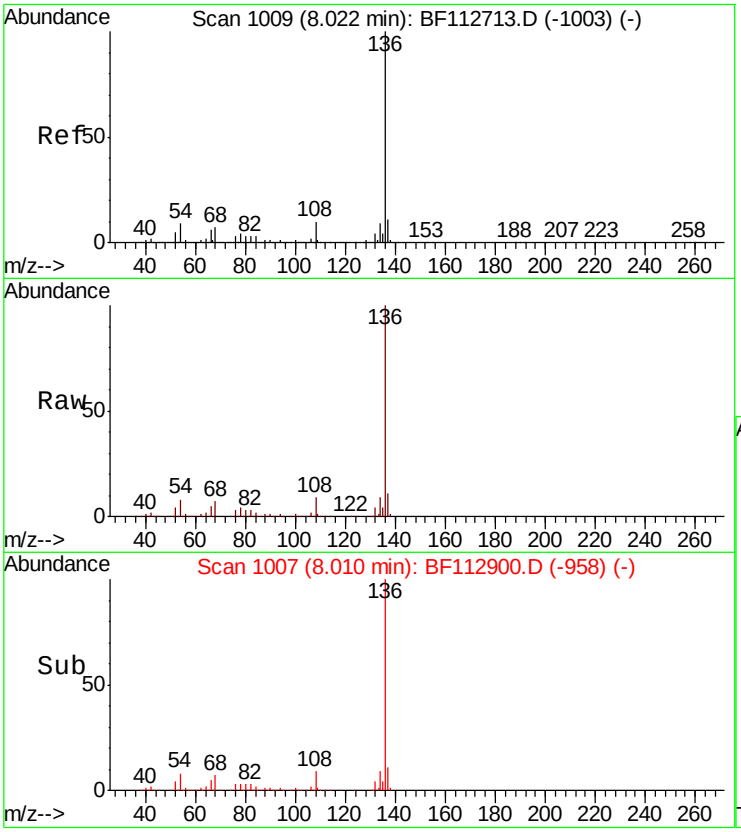


#19
n-Nitroso-di-n-propylamine
Concen: 10.691 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion: 70 Resp: 111811

Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.9	74.9#
101	0.0	7.4	11.2#
130	2.5	17.4	26.2#



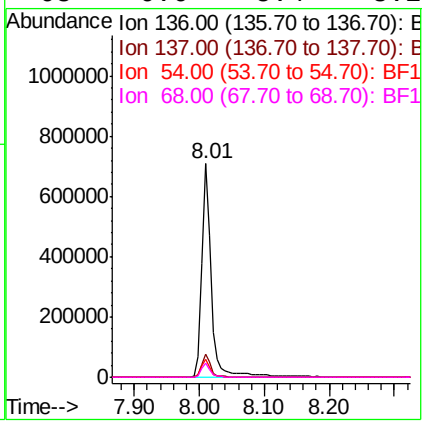


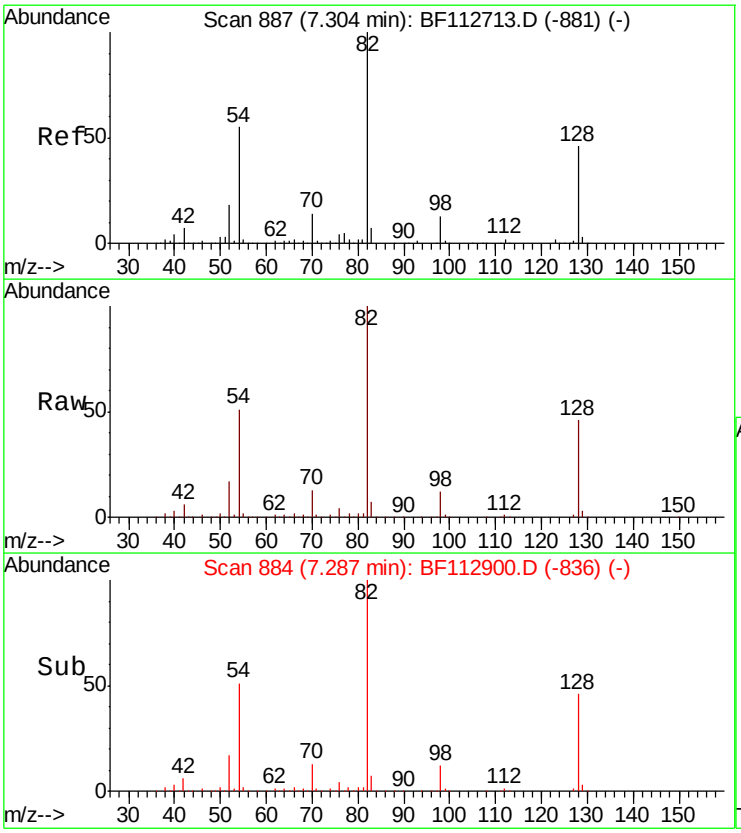
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:136 Resp: 731622

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	7.3	10.9
68	6.6	5.4	8.2

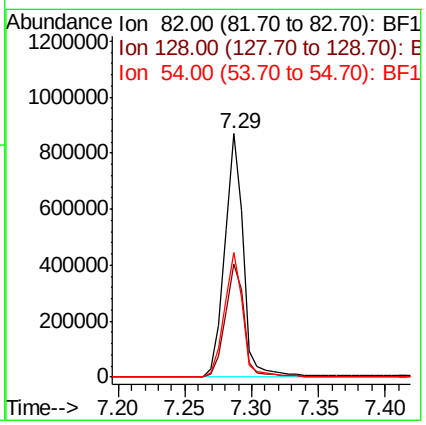


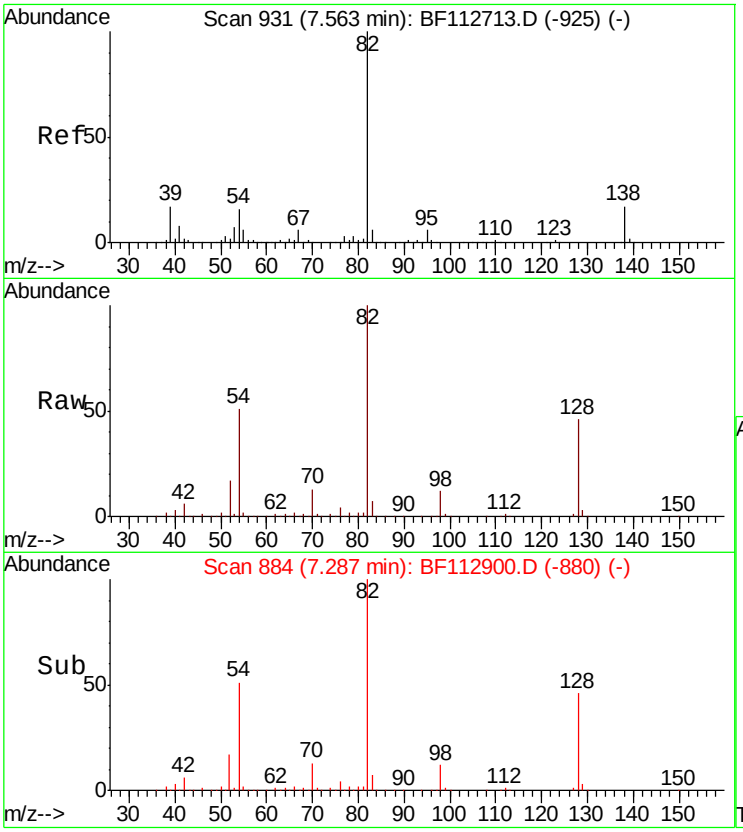


#23
Nitrobenzene-d5
Concen: 70.496 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion: 82 Resp: 861938

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	51.2	43.7	65.5



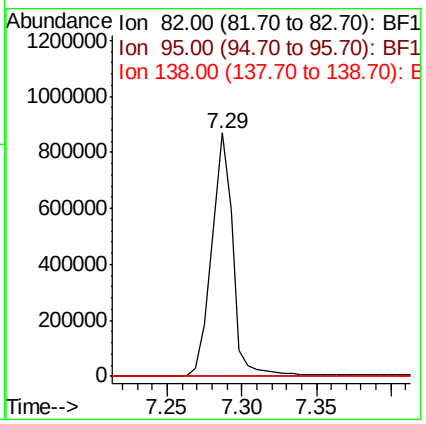


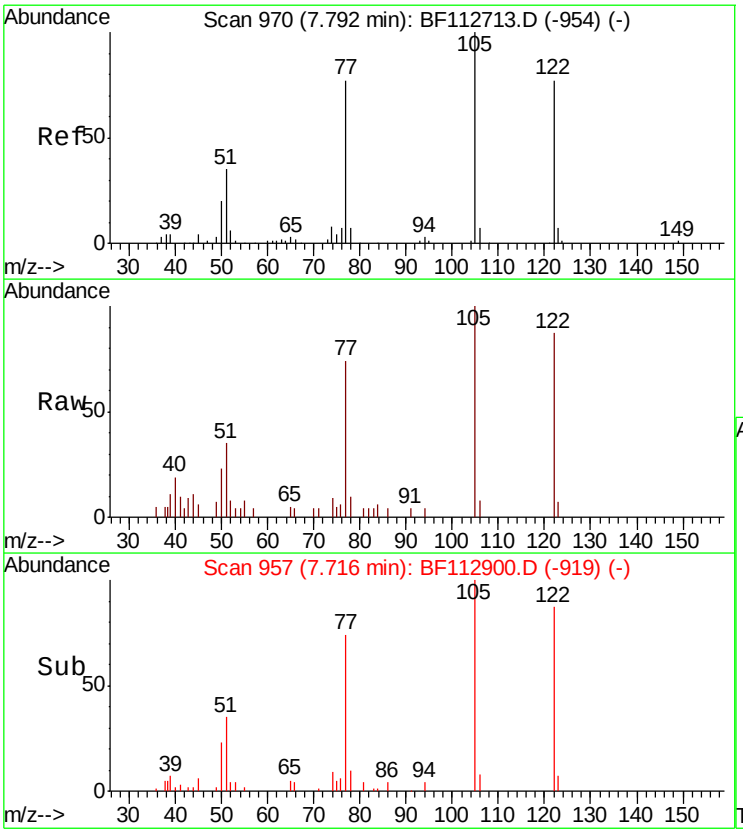
#25
Isophorone
Concen: 32.329 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion: 82 Resp: 851574

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

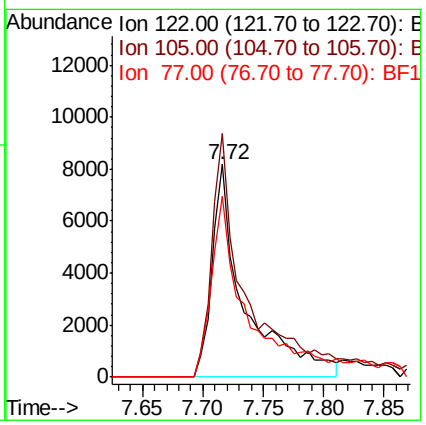


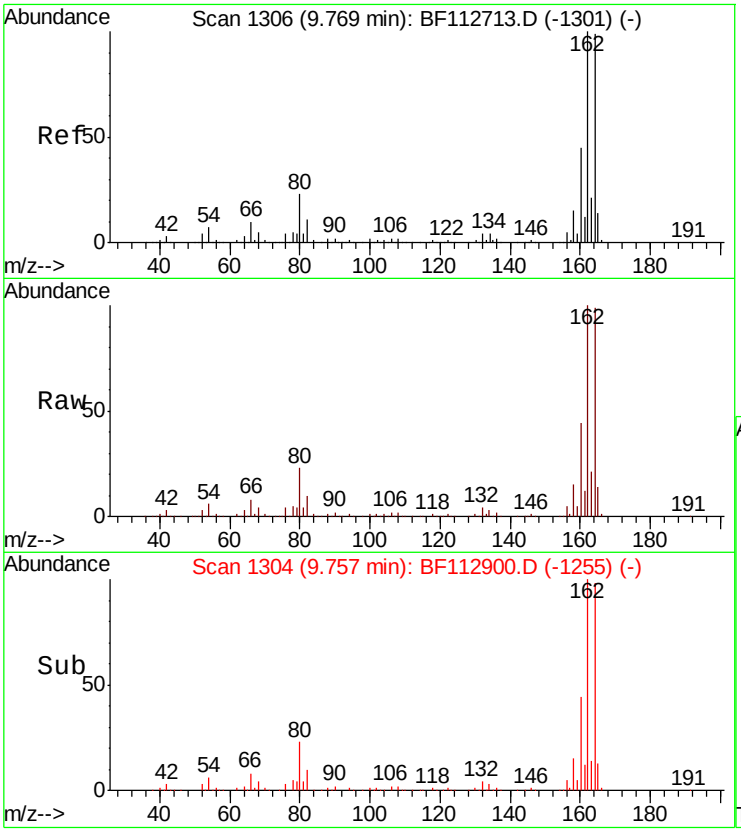


#32
Benzoic acid
Concen: 2.059 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.08 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:122 Resp: 15208

Ion	Ratio	Lower	Upper
122	100		
105	114.6	106.8	146.8
77	85.3	79.4	119.4



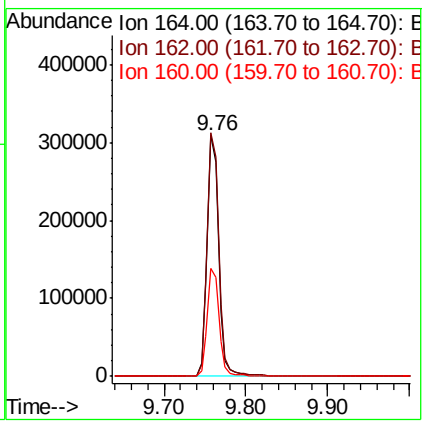


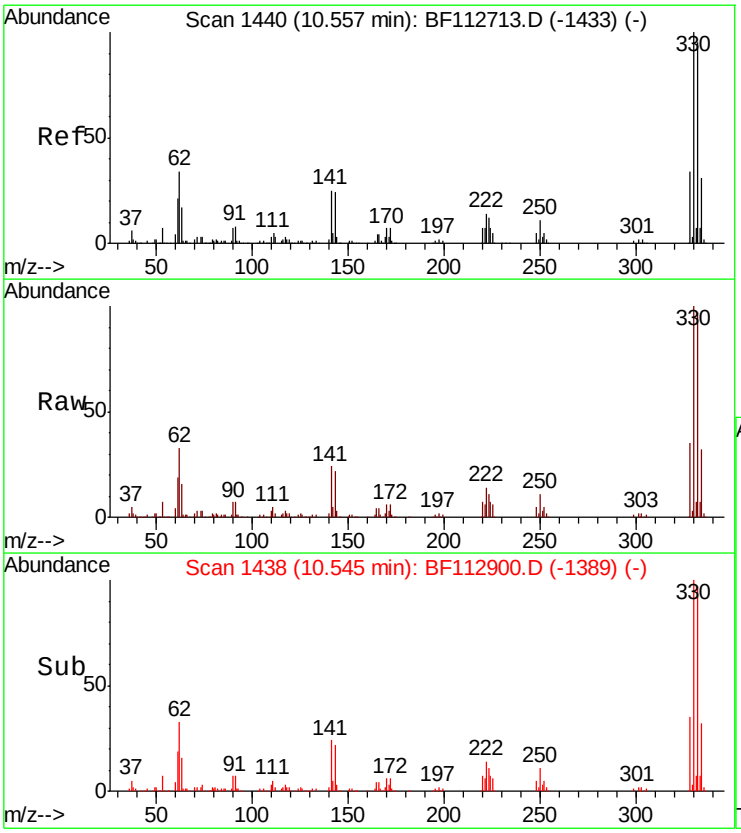
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:164 Resp: 303641

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	44.6	36.0	54.0

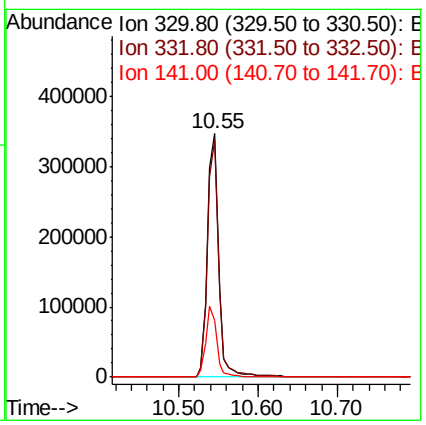


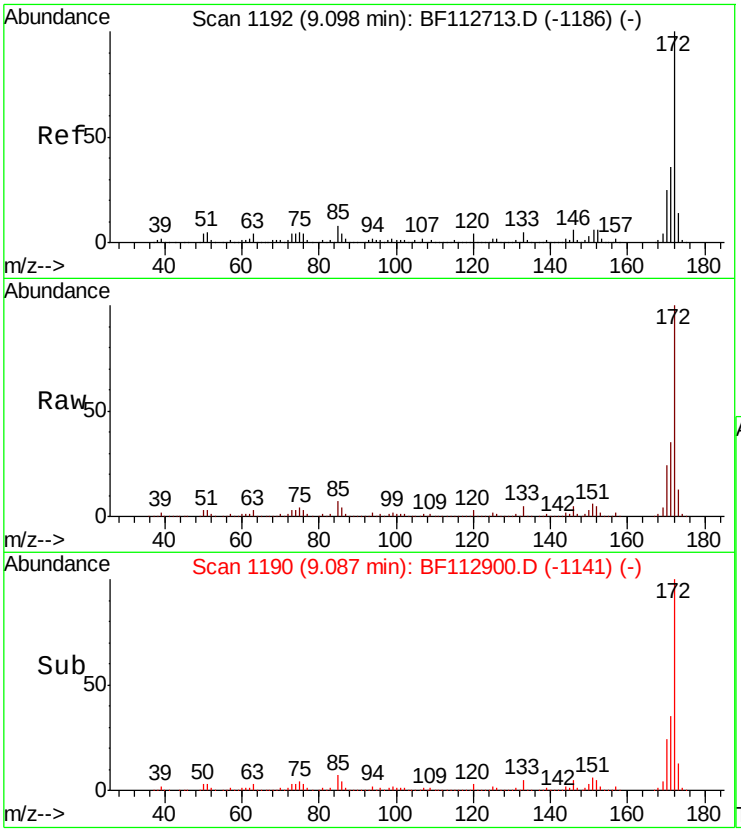


#42
2,4,6-Tribromophenol
Concen: 106.479 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:330 Resp: 343237

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	29.0	27.0	40.6



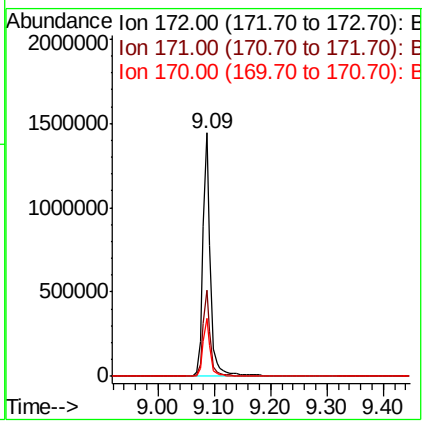


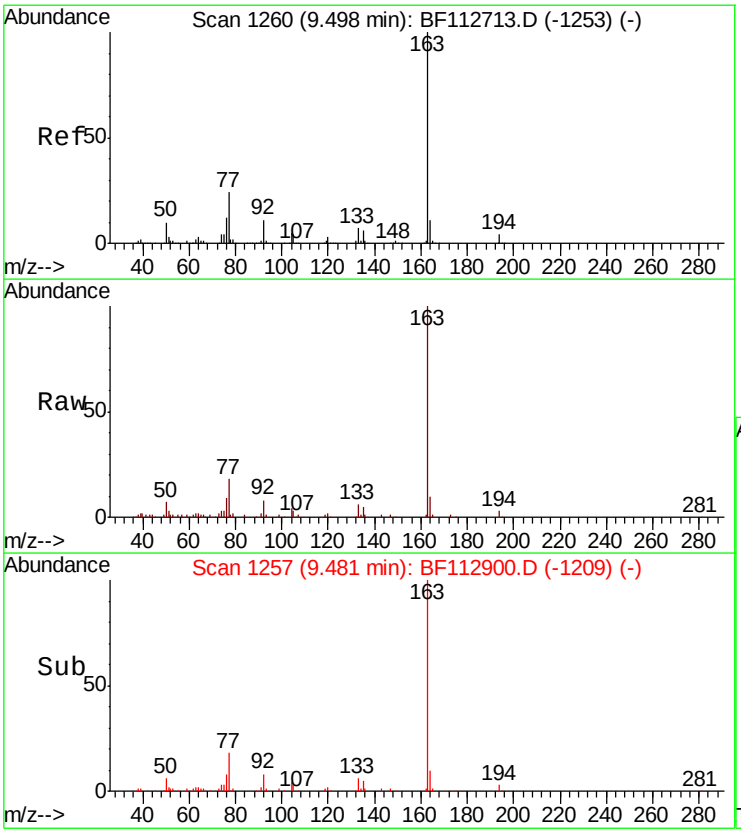
#45
2-Fluorobiphenyl
Concen: 71.091 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:172 Resp: 1360318

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.1	20.0	30.0

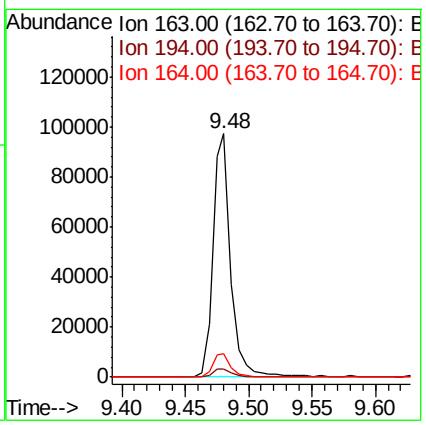


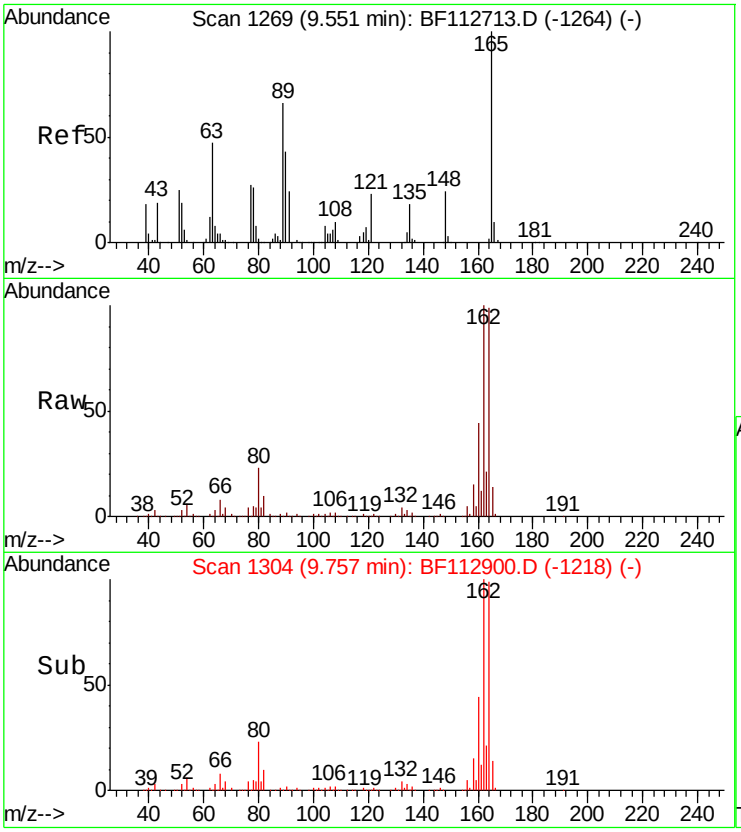


#50
Dimethylphthalate
Concen: 4.284 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:163 Resp: 95912

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.6	8.4	12.6



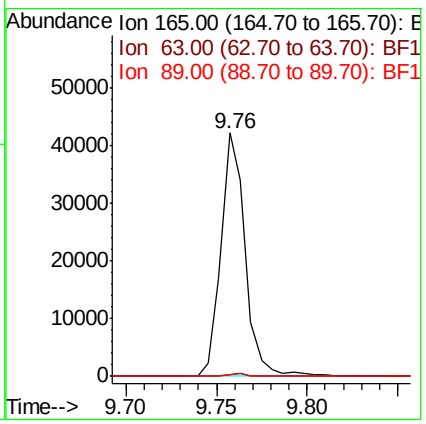


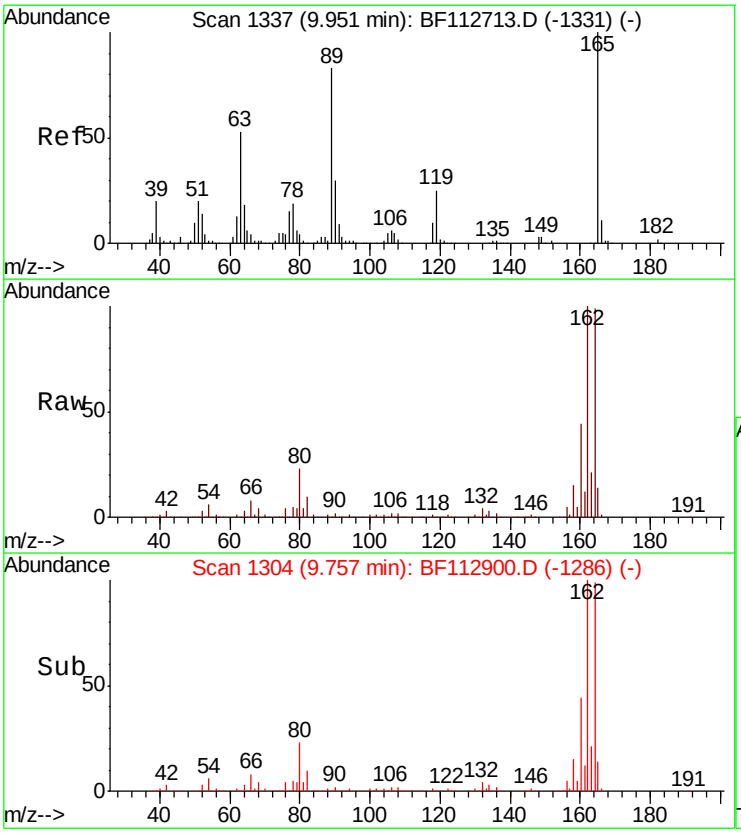
#51
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:165 Resp: 39234

Ion	Ratio	Lower	Upper
165	100		
63	0.9	54.1	81.1#
89	0.9	52.8	79.2#

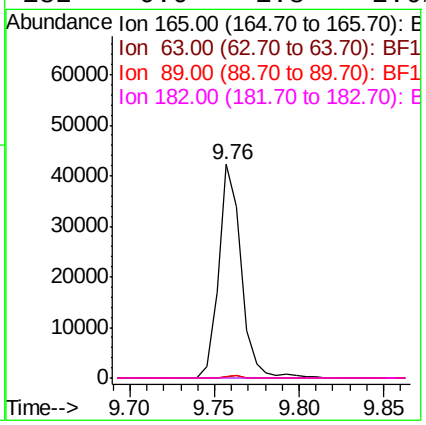


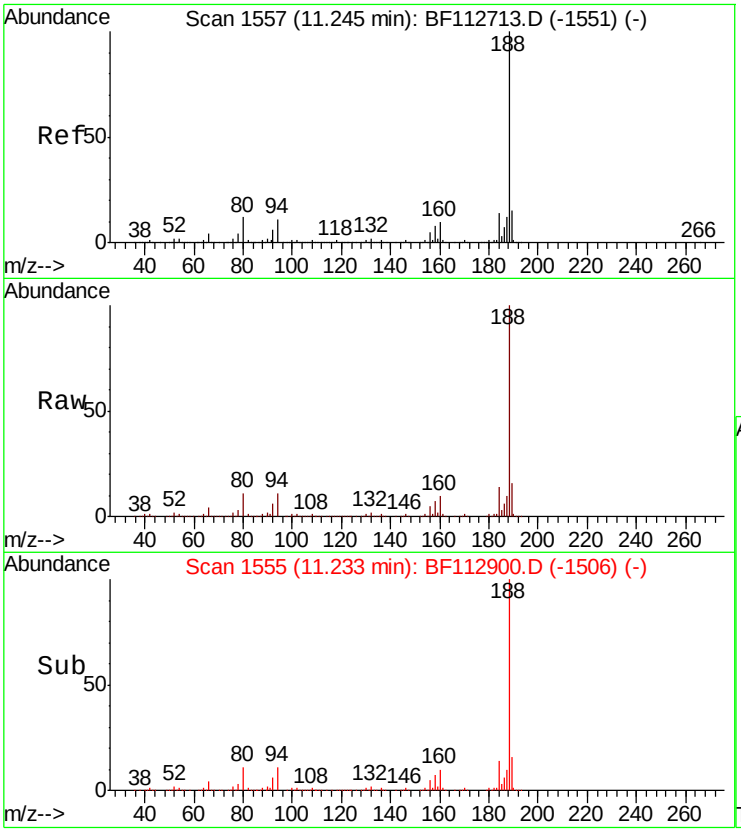


#57
2,4-Dinitrotoluene
Concen: 6.769 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:165 Resp: 39227

Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.2	63.2#
89	0.9	66.2	99.4#
182	0.0	1.8	2.6#



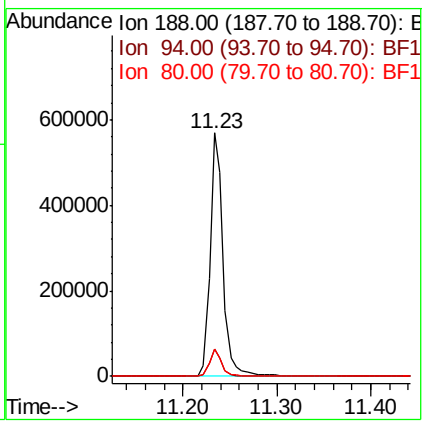


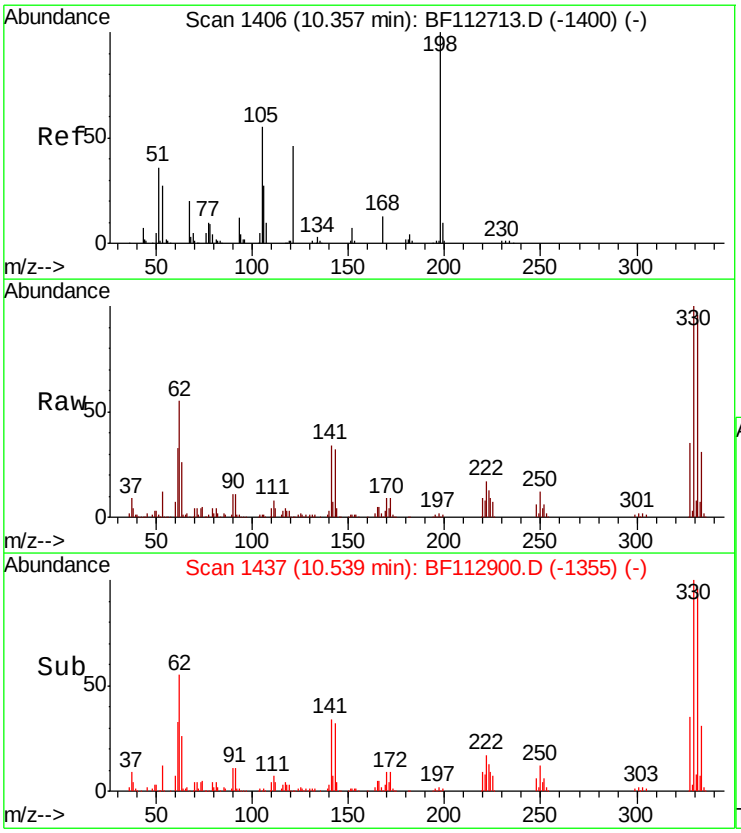
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:188 Resp: 555205

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.4
80	11.2	9.2	13.8

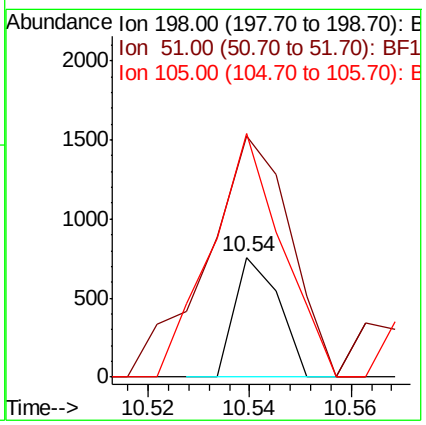


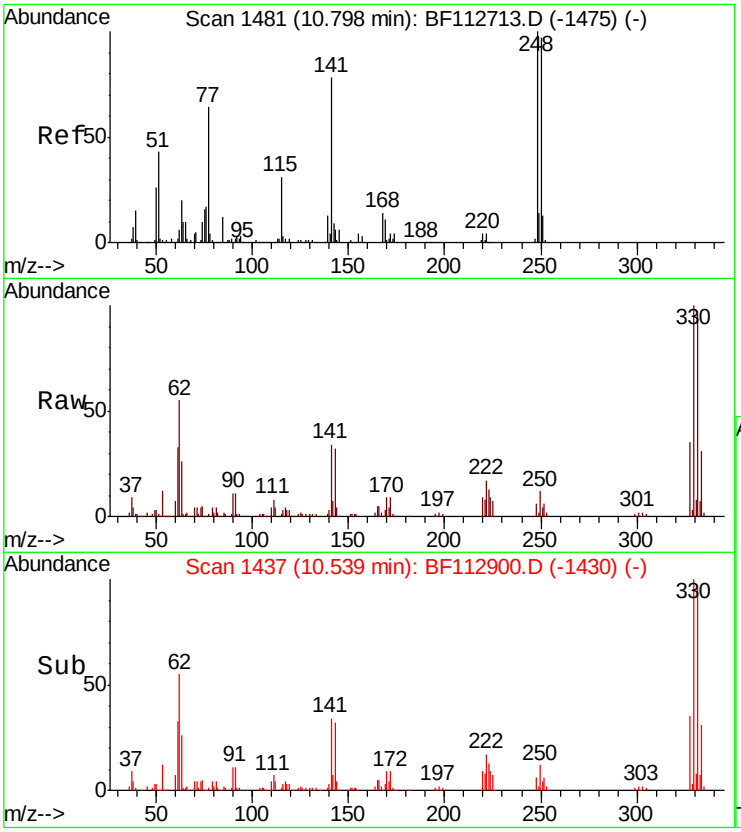


#65
4,6-Dinitro-2-methylphenol
Concen: 4.795 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:198 Resp: 459

Ion	Ratio	Lower	Upper
198	100		
51	200.9	43.8	83.8#
105	202.9	36.5	76.5#



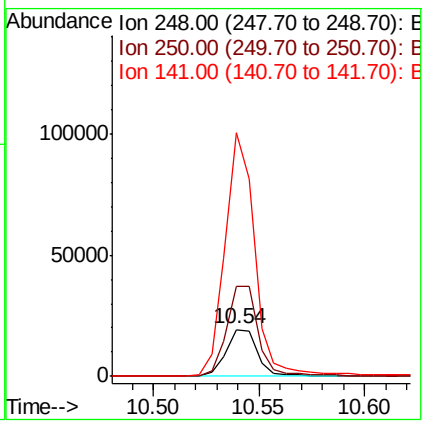


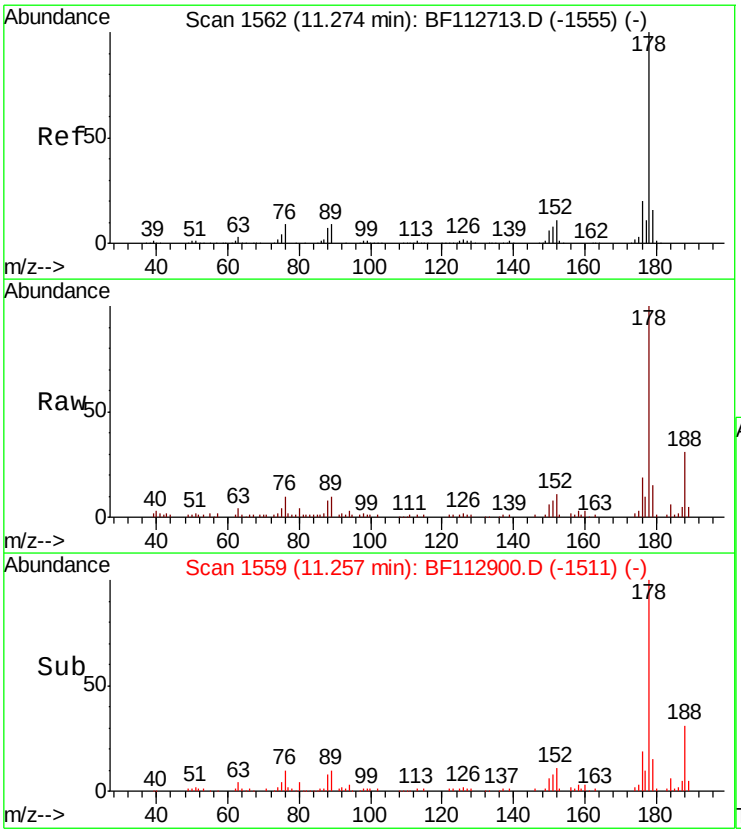
#67
4-Bromophenyl-phenylether
Concen: 3.380 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.26 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:248 Resp: 19768

Ion	Ratio	Lower	Upper
248	100		
250	193.0	77.5	116.3#
141	522.9	62.4	93.6#

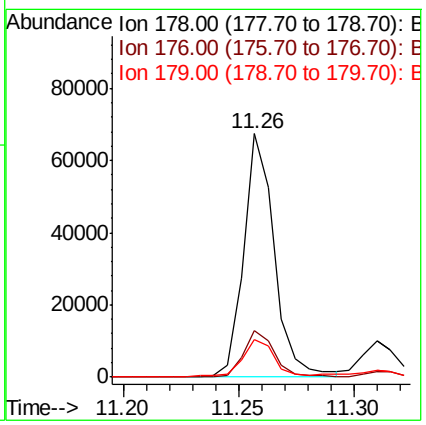


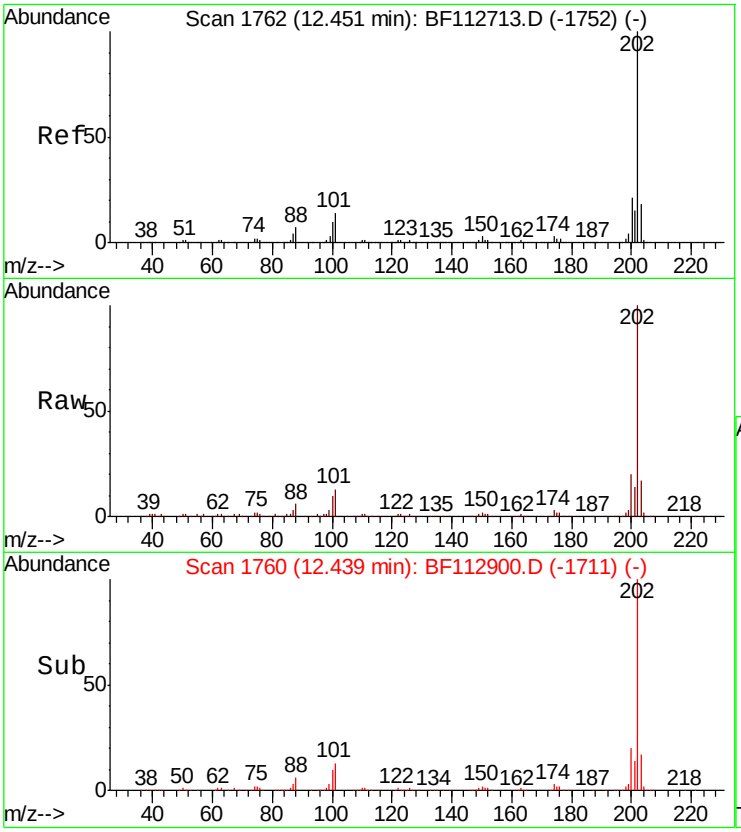


#71
Phenanthrene
Concen: 2.276 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:178 Resp: 62876

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	15.4	12.7	19.1



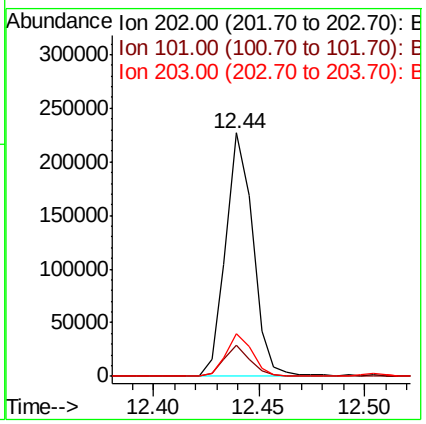


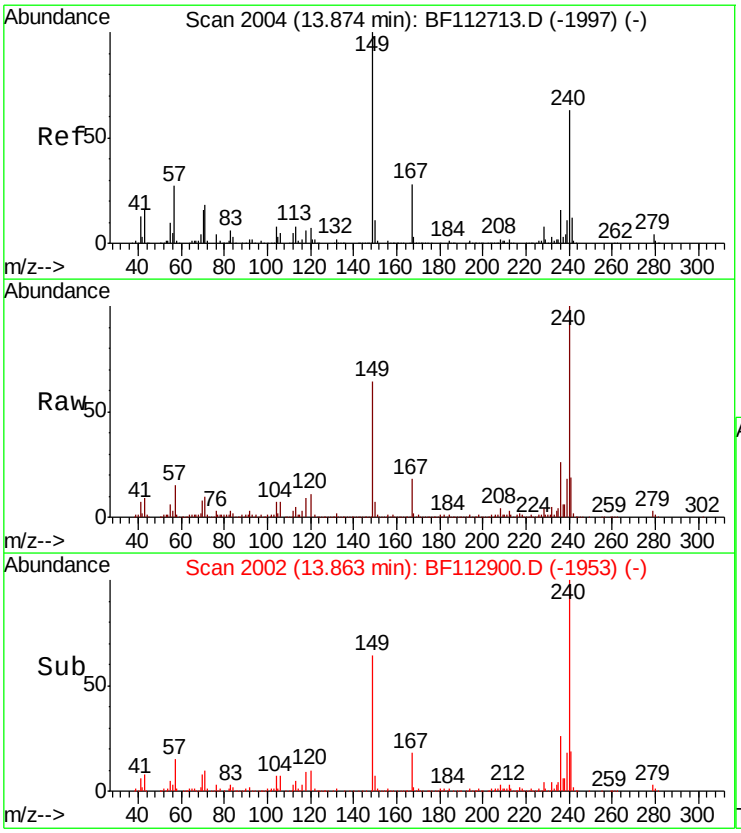
#75
Fluoranthene
Concen: 6.867 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:202 Resp: 203233

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.8
203	17.4	0.0	38.4

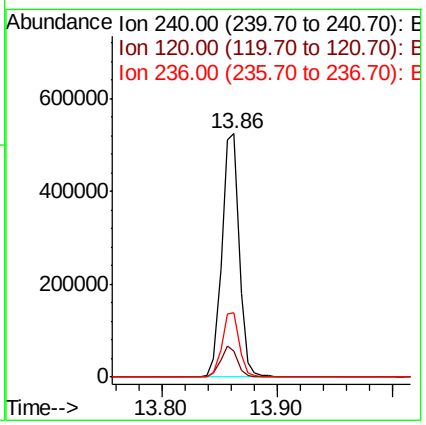


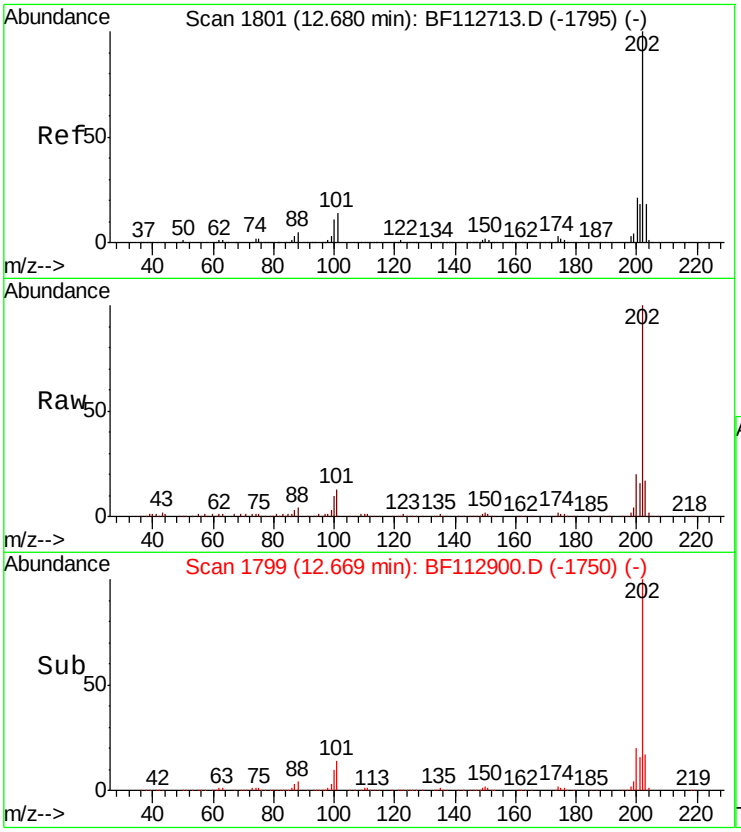


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:240 Resp: 546723

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.4	20.7	31.1



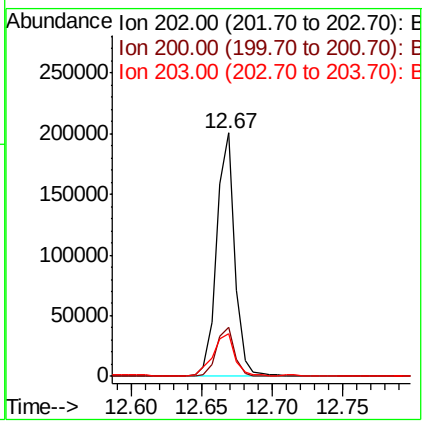


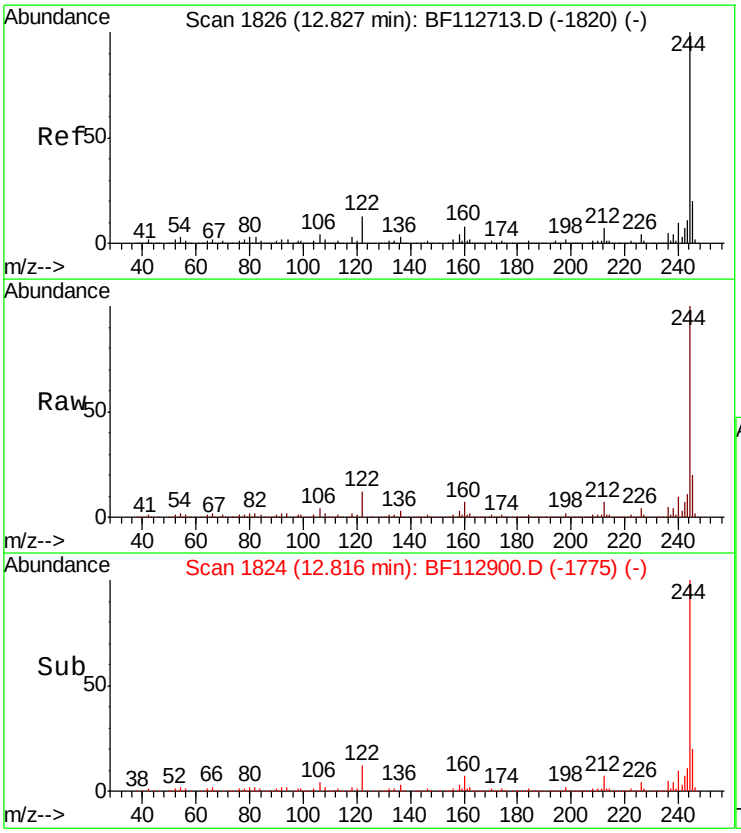
#78
Pyrene
Concen: 3.907 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:202 Resp: 180085

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	17.3	14.4	21.6

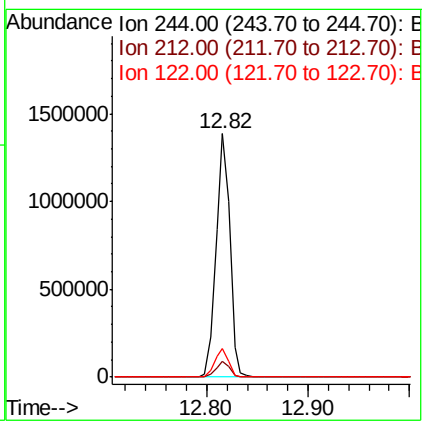


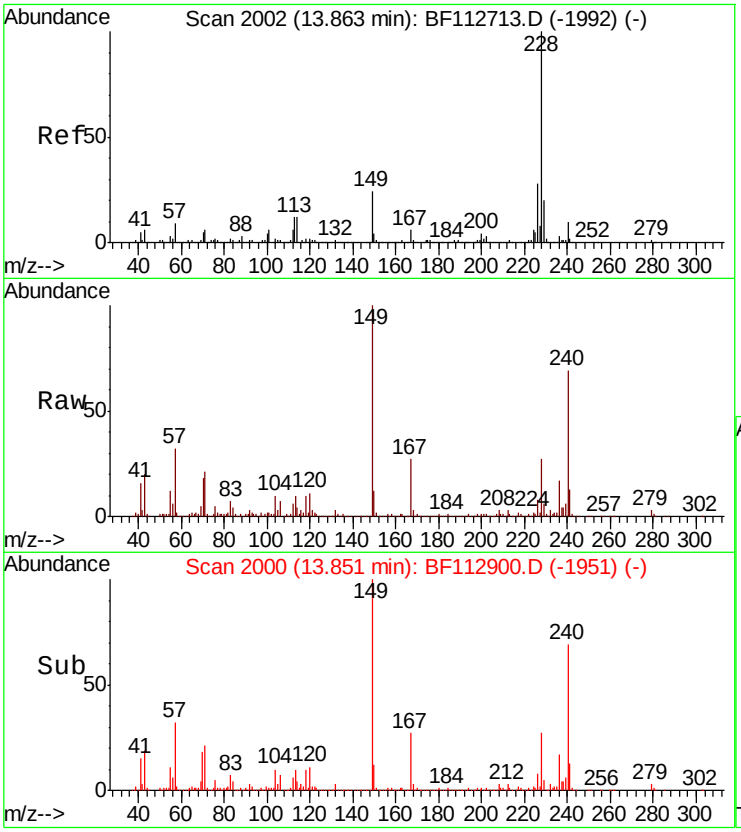


#79
Terphenyl-d14
Concen: 46.317 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:244 Resp: 1306289

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.8	10.5	15.7



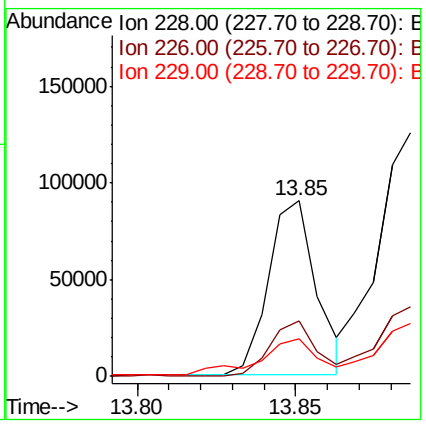


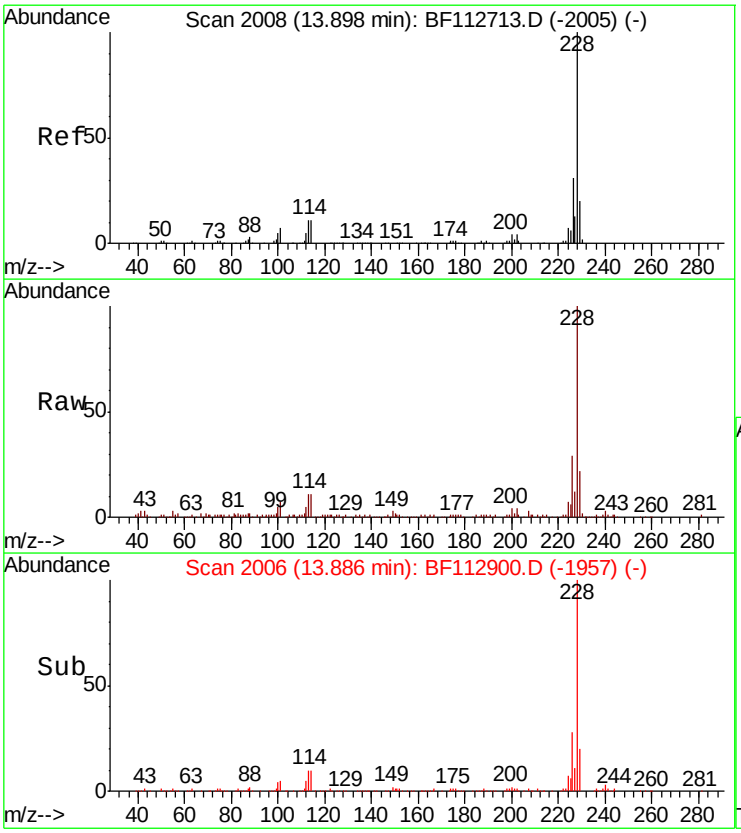
#81
Benzo(a)anthracene
Concen: 2.516 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:228 Resp: 95323

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.2	33.4
229	21.3	16.0	24.0

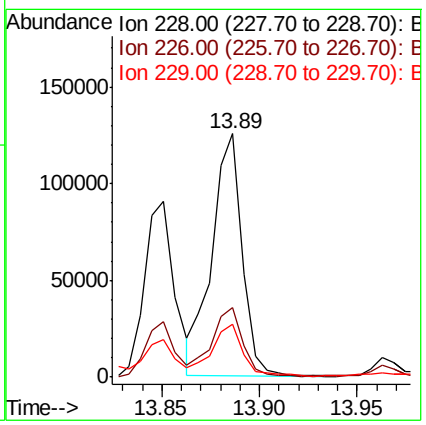


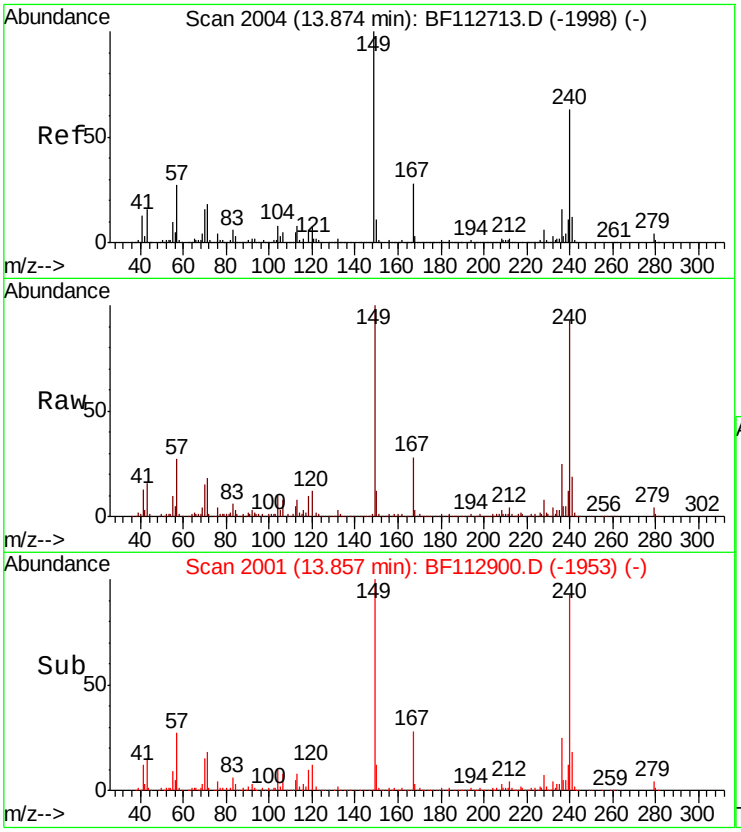


#83
Chrysene
Concen: 3.634 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:228 Resp: 134884

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	21.5	16.3	24.5



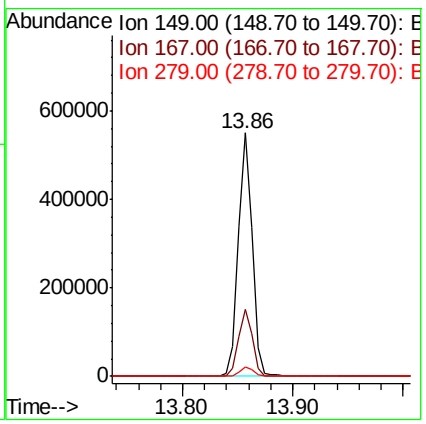


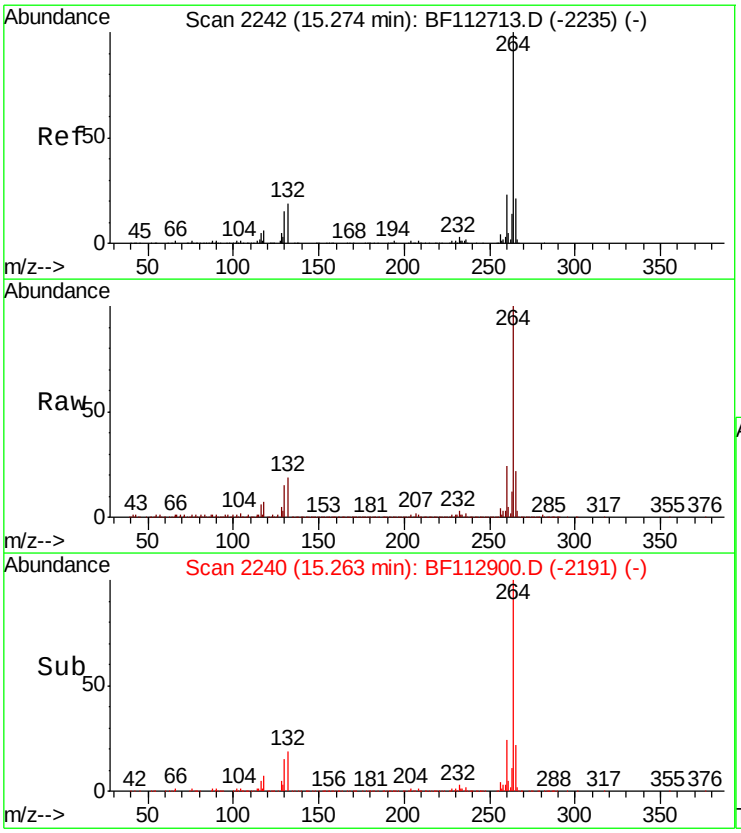
#84
Bis(2-ethylhexyl)phthalate
Concen: 20.395 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:149 Resp: 486693

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	3.8	3.3	4.9

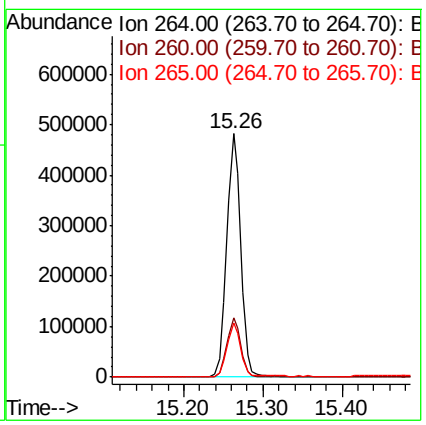


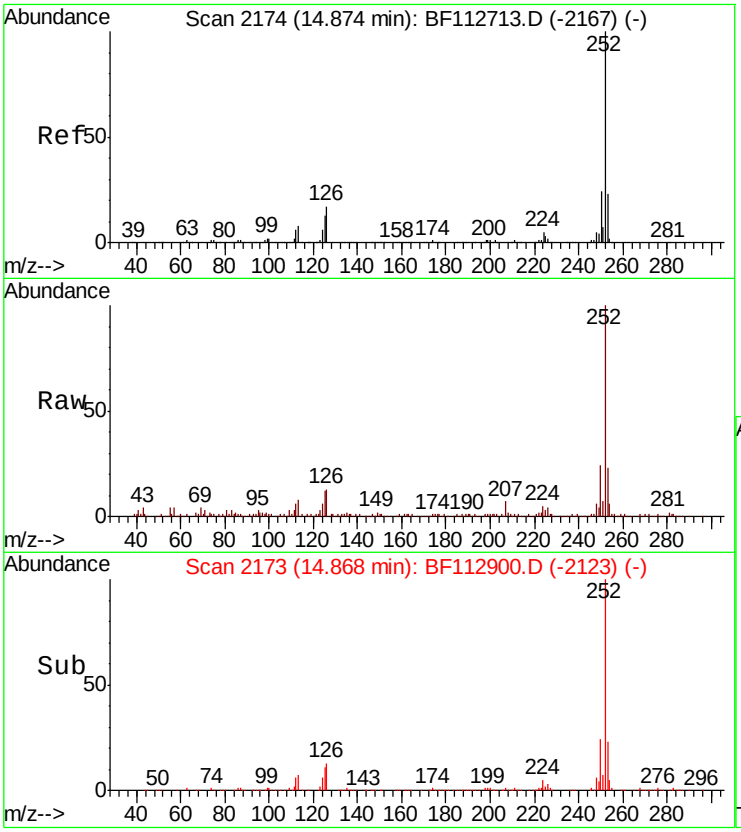


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:264 Resp: 592301

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.3	17.2	25.8



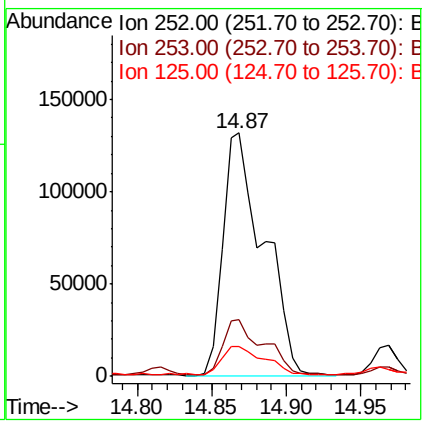


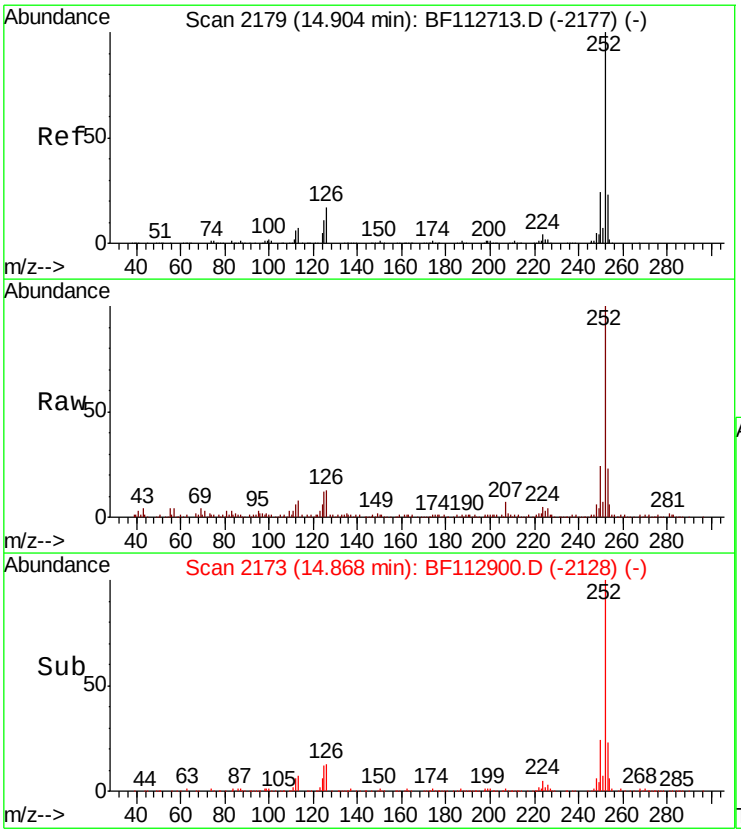
#88
Benzo(b)fluoranthene
Concen: 6.533 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:252 Resp: 250286

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.5	10.2	15.2

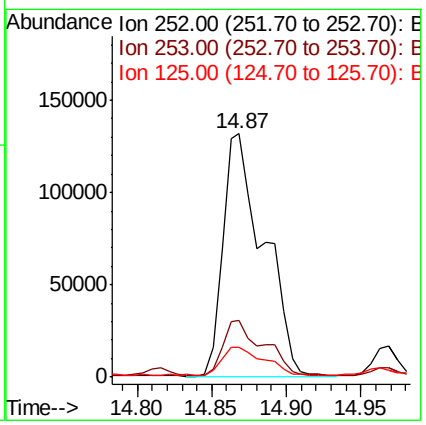


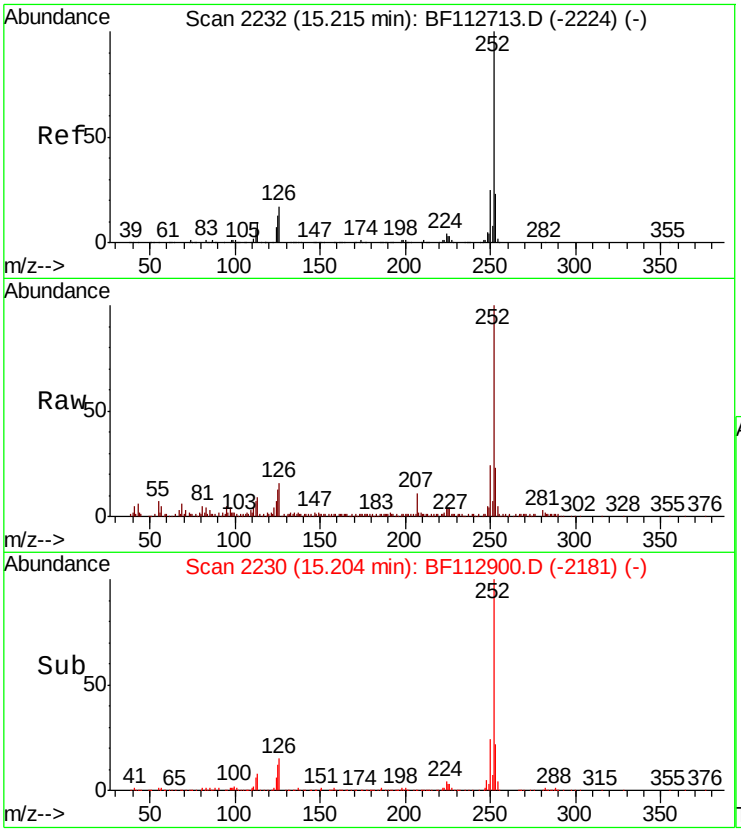


#89
Benzo(k)fluoranthene
Concen: 7.212 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:252 Resp: 250286

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	12.5	9.8	14.6



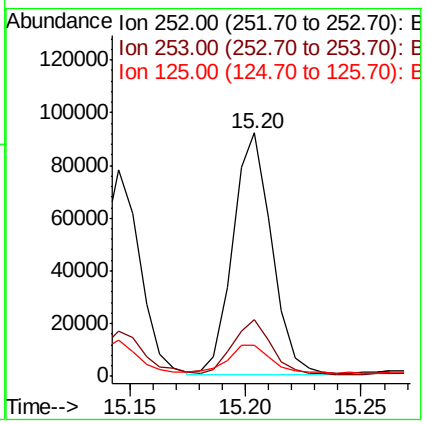


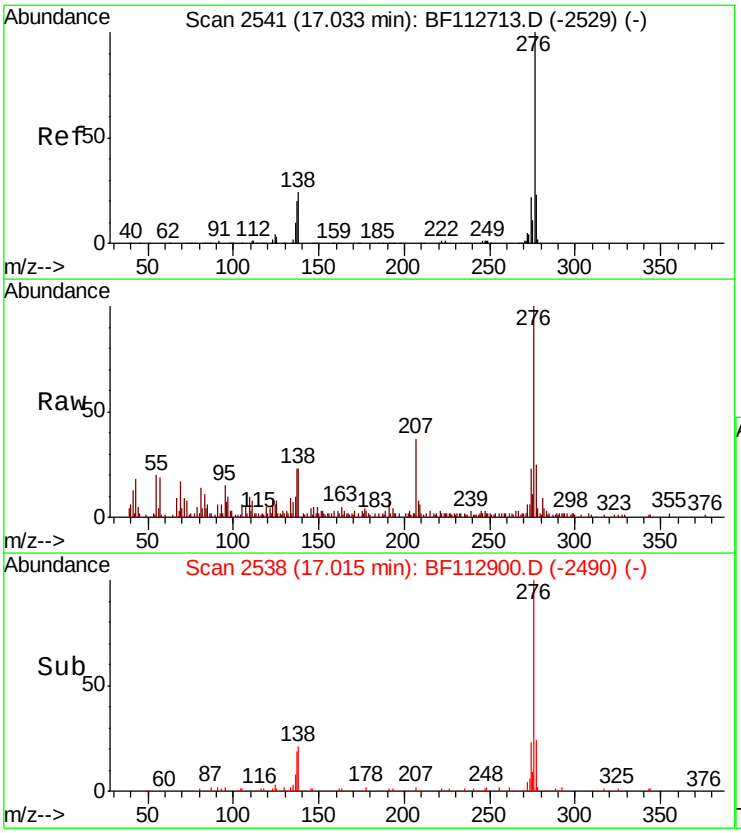
#90
Benzo(a)pyrene
Concen: 3.177 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW004-022719

Tgt Ion:252 Resp: 107648

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.6	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.039 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF112900.D
Acq: 7 Mar 2019 00:15

Tgt Ion:276 Resp: 59209

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	27.8
138	23.3	19.4	29.0