Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112913.D
Acq On : 7 Mar 2019 6:11
Operator : JU/SJ
Sample : K1705-13 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW024-022719

Quant Time: Mar 07 06:40:11 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	176868	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	598110	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	273292	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	564543	20.00	ng		0.00
76) Chrysene-d12	13.86	240	556067	20.00	ng		-0.01
87) Perylene-d12	15.27	264	402851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	522061	45.91	ng		0.00
7) Phenol-d6	6.36	99	635174	44.47	ng		0.00
23) Nitrobenzene-d5	7.29	82	348202	34.84	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	169857	58.54	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	621657	31.68	ng		-0.01
79) Terphenyl-d14	12.82	244	719700	25.09	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	45476	5.027	ng	#	74
25) Isophorone	7.29	82	348197	16.170	ng	#	66
51) 2,6-Dinitrotoluene	9.76	165	35144	8.375	ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	35145	6.738	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.54	198	111	4.656	ng		86
71) Phenanthrene	11.26	178	100598	3.582	ng		98
75) Fluoranthene	12.45	202	155153	5.156	ng		95
78) Pyrene	12.67	202	134138	2.861	ng		99
88) Benzo(b)fluoranthene	14.87	252	78996	3.032	ng	#	91
89) Benzo(k)fluoranthene	14.87	252	78996	3.347	ng	#	91

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112913.D
Acq On : 7 Mar 2019 6:11
Operator : JU/SJ
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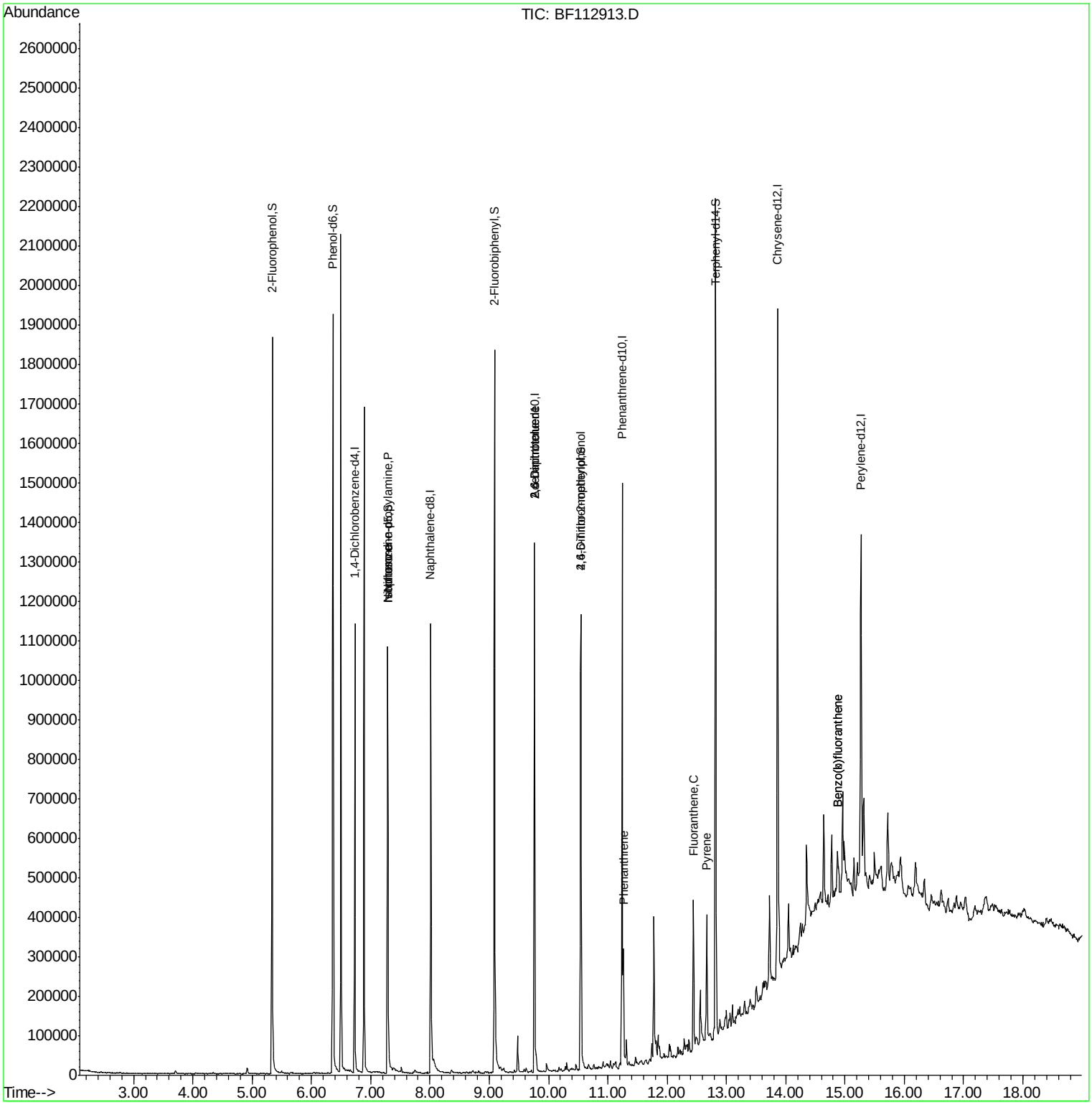
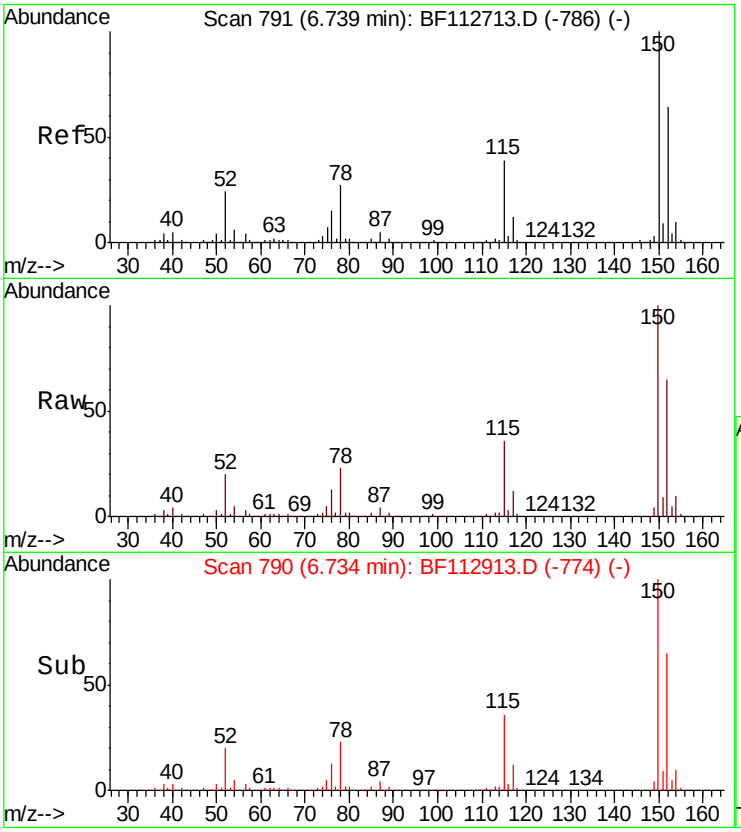
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Quant Time: Mar 07 06:40:11 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



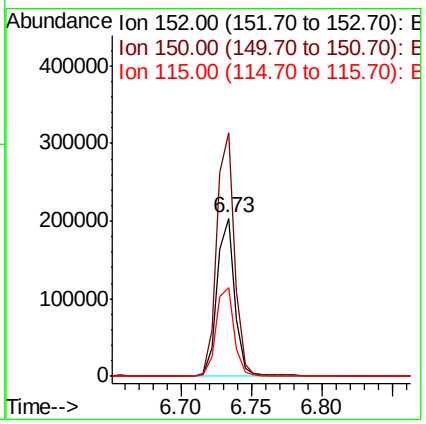


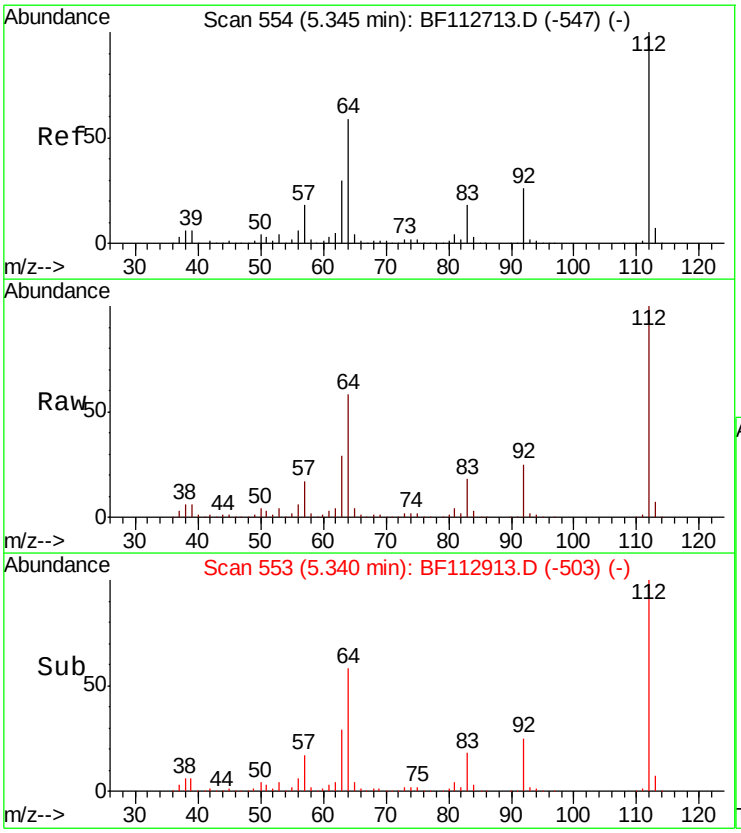
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:152 Resp: 176868

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.2	186.2
115	55.8	48.2	72.4

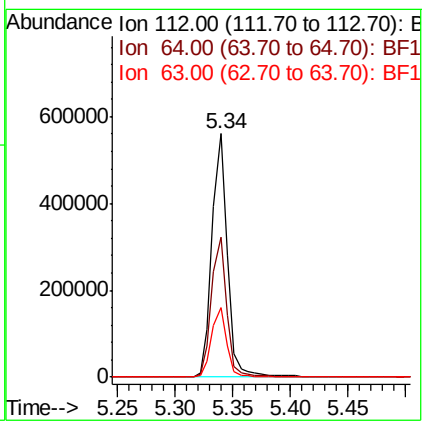


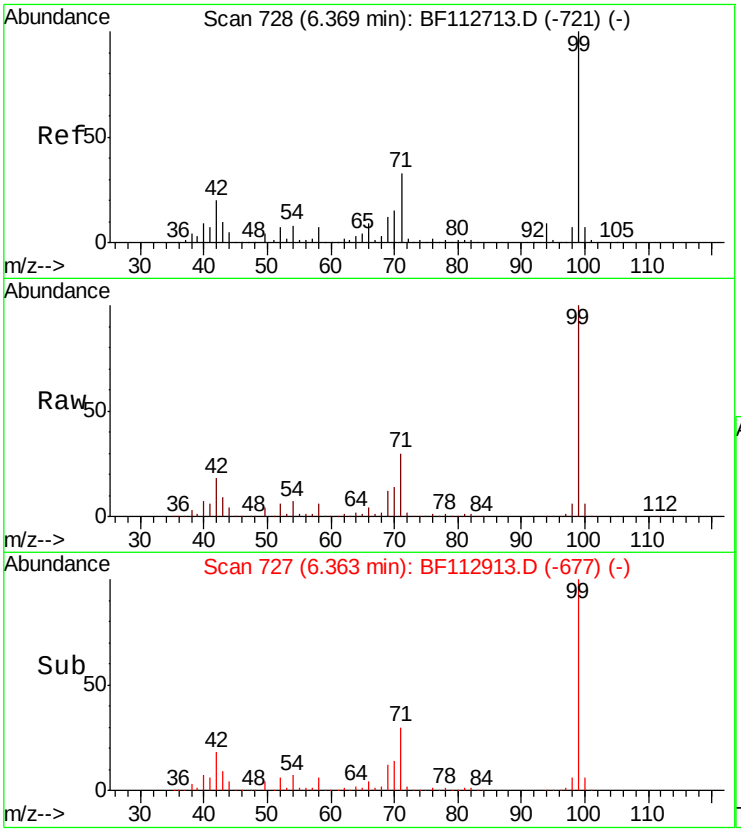


#5
2-Fluorophenol
Concen: 45.915 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:112 Resp: 522061

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.6	71.4
63	28.8	24.4	36.6



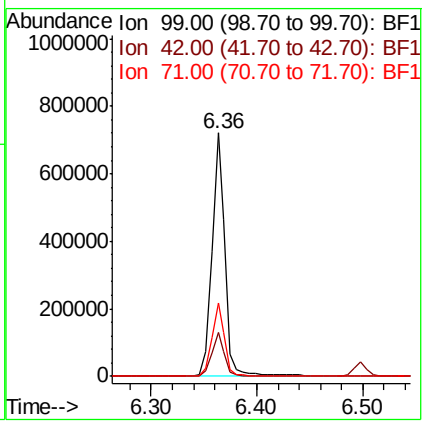


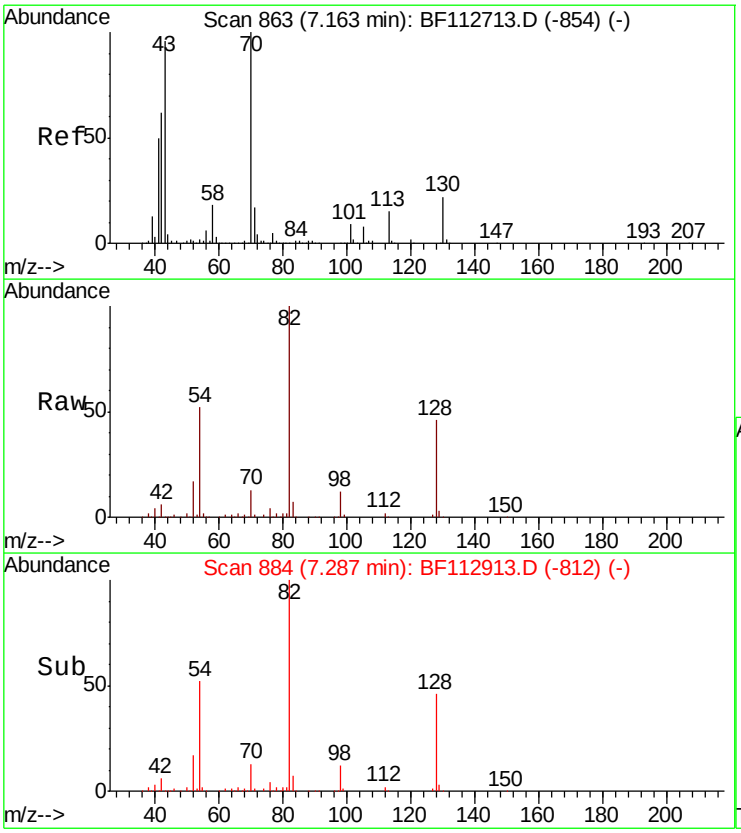
#7
Phenol-d6
Concen: 44.471 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion: 99 Resp: 635174

Ion	Ratio	Lower	Upper
99	100		
42	17.8	16.3	24.5
71	30.2	26.2	39.4

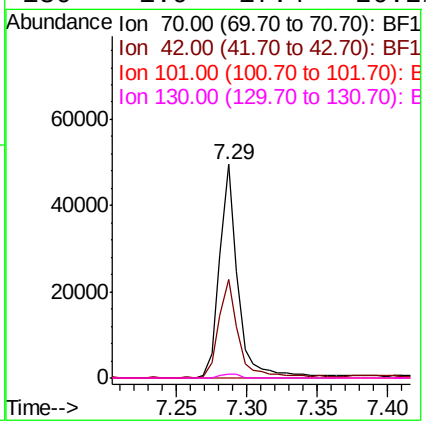


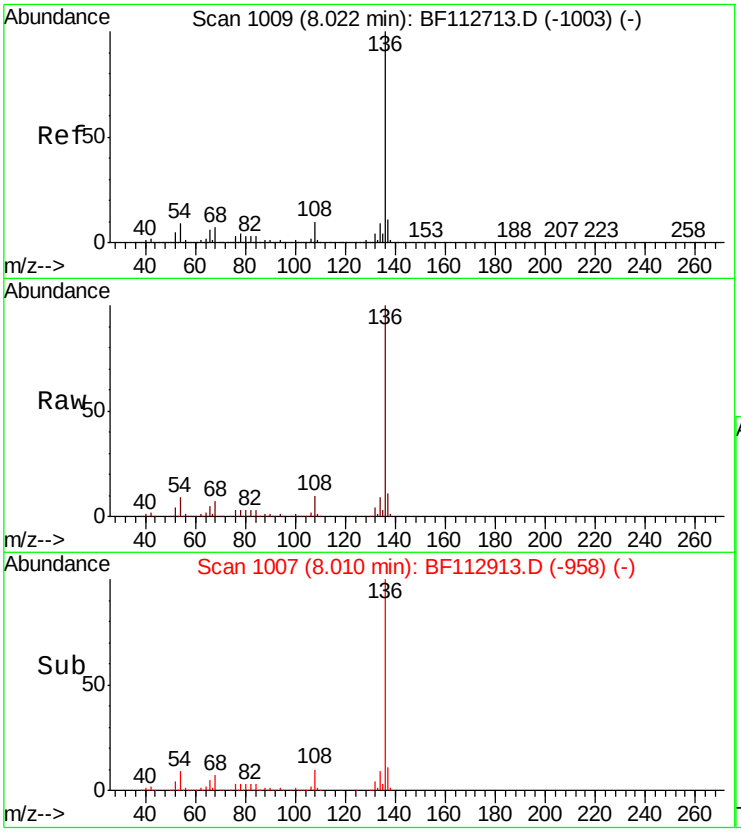


#19
n-Nitroso-di-n-propylamine
Concen: 5.027 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion: 70 Resp: 45476

Ion	Ratio	Lower	Upper
70	100		
42	46.4	49.9	74.9#
101	0.0	7.4	11.2#
130	1.9	17.4	26.2#



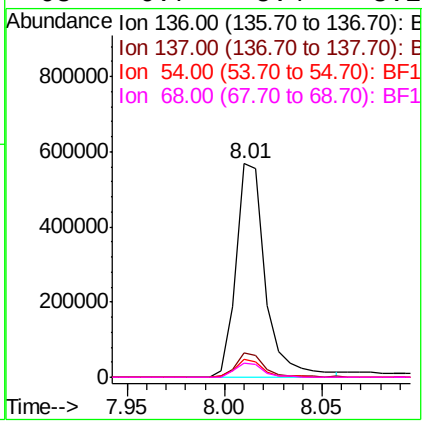


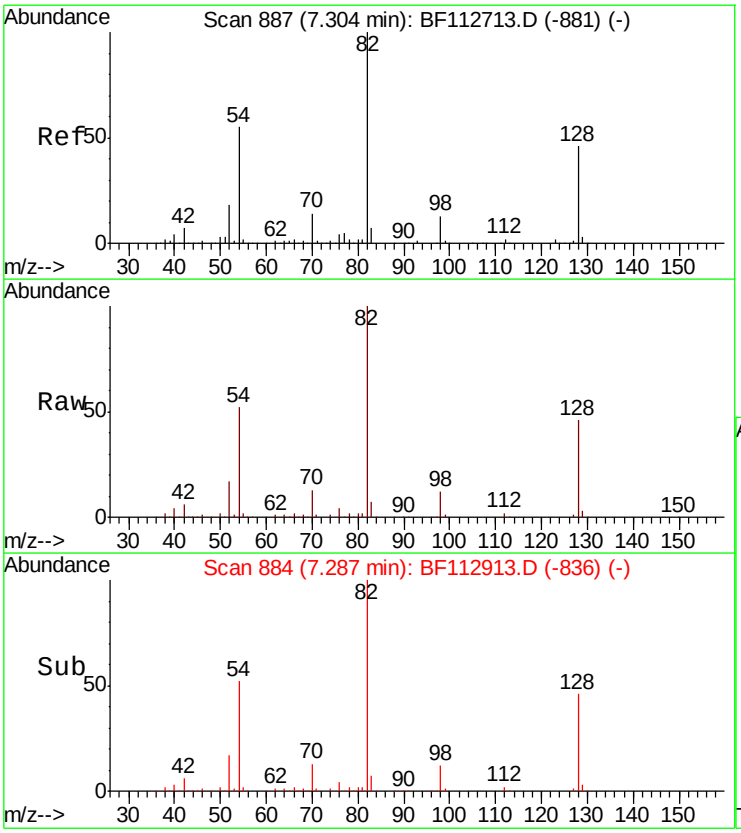
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:136 Resp: 598110

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	7.3	10.9
68	6.7	5.4	8.2

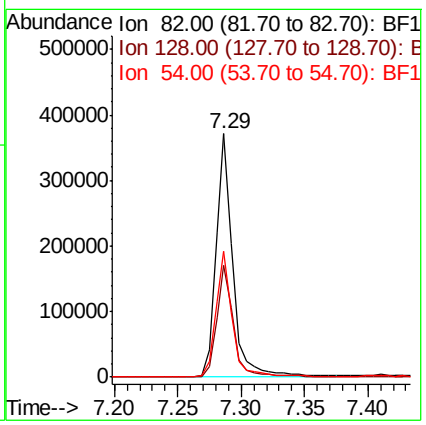


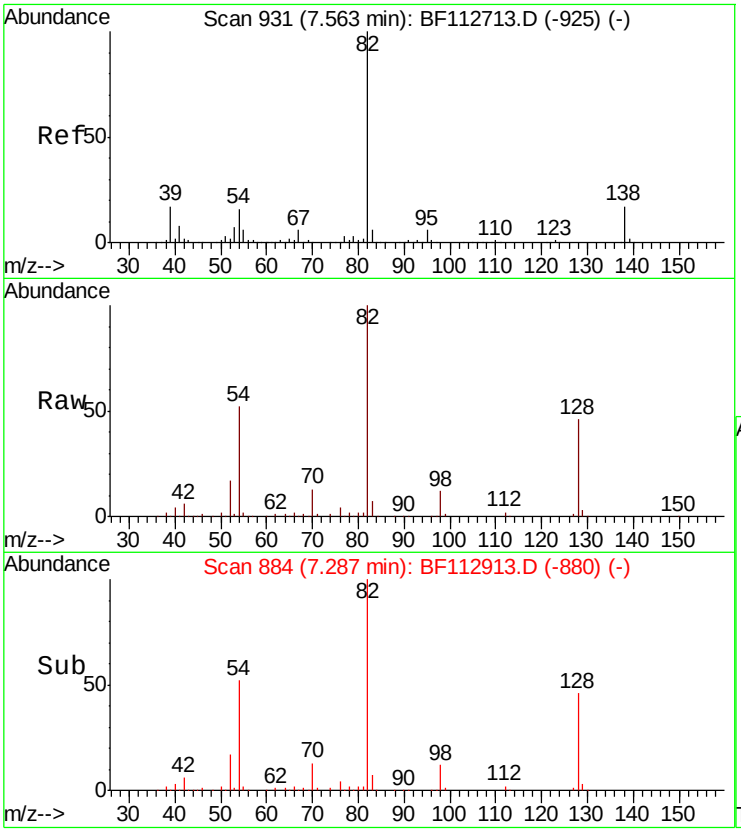


#23
Nitrobenzene-d5
Concen: 34.836 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion: 82 Resp: 348202

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	51.7	43.7	65.5



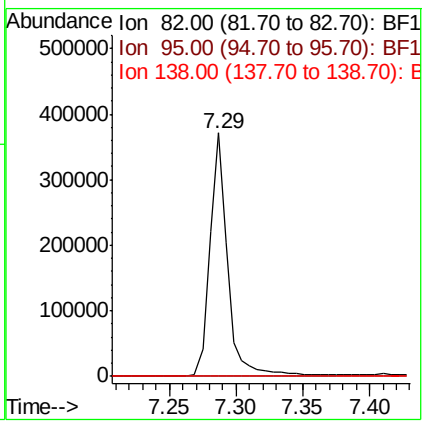


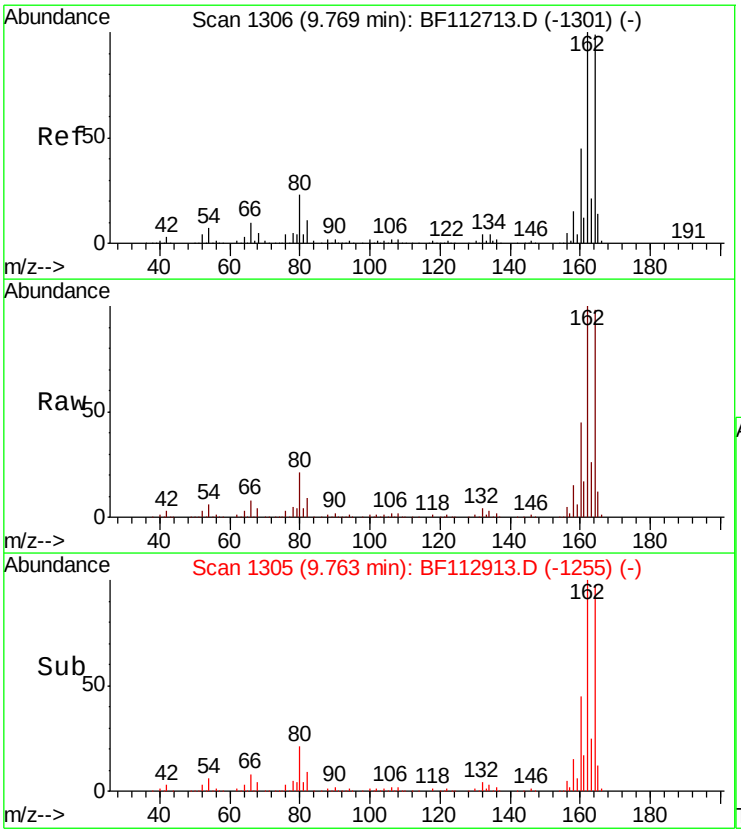
#25
Isophorone
Concen: 16.170 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion: 82 Resp: 348197

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

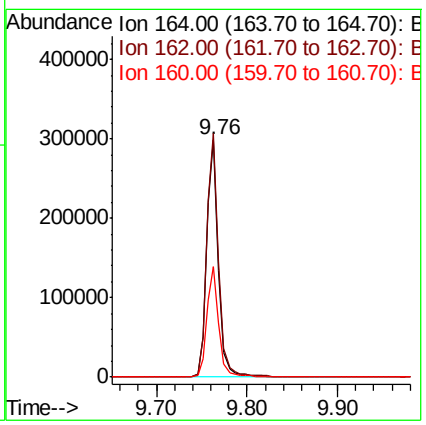


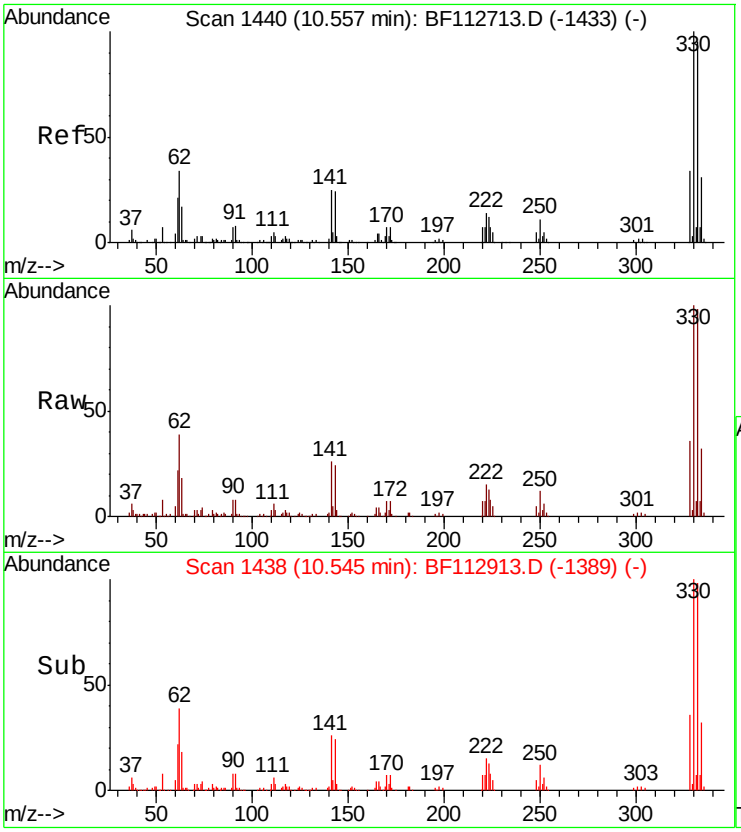


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:164 Resp: 273292

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	120.8
160	46.3	36.0	54.0



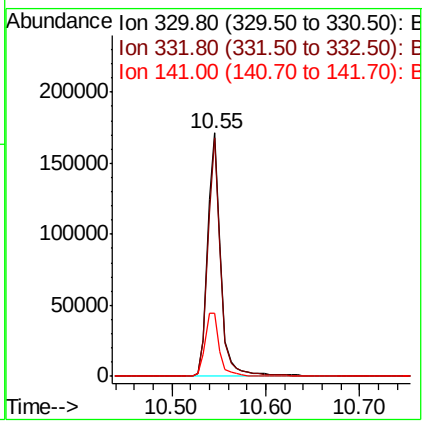


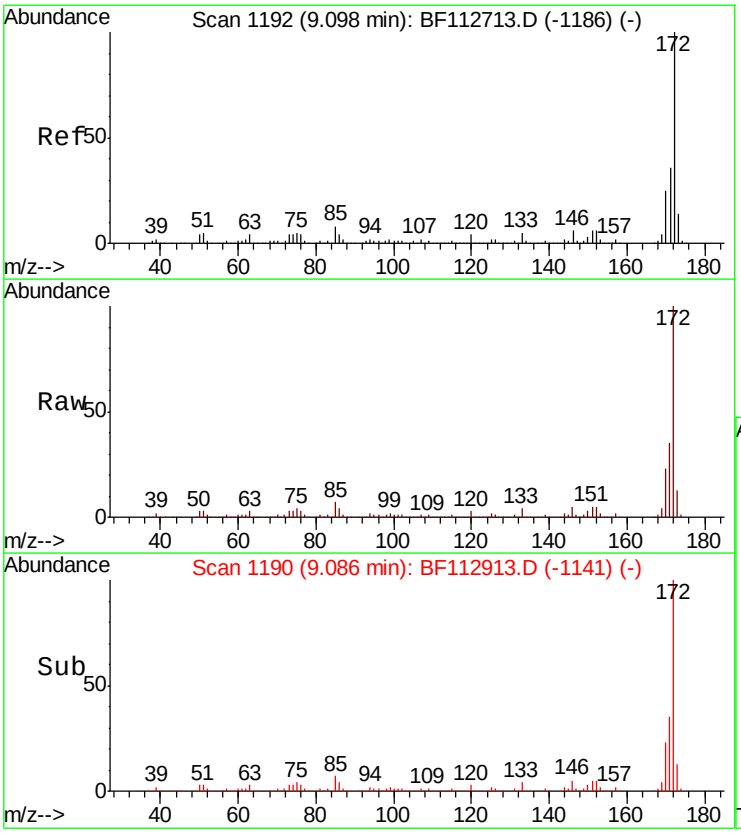
#42
2,4,6-Tribromophenol
Concen: 58.544 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:330 Resp: 169857

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	28.3	27.0	40.6

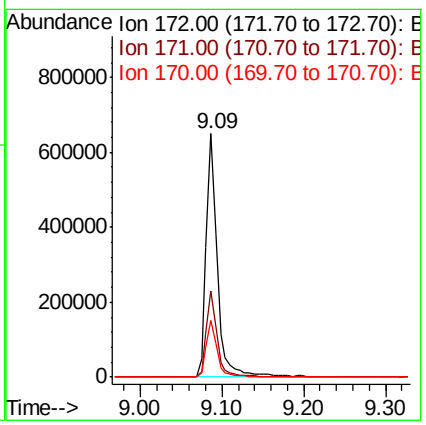


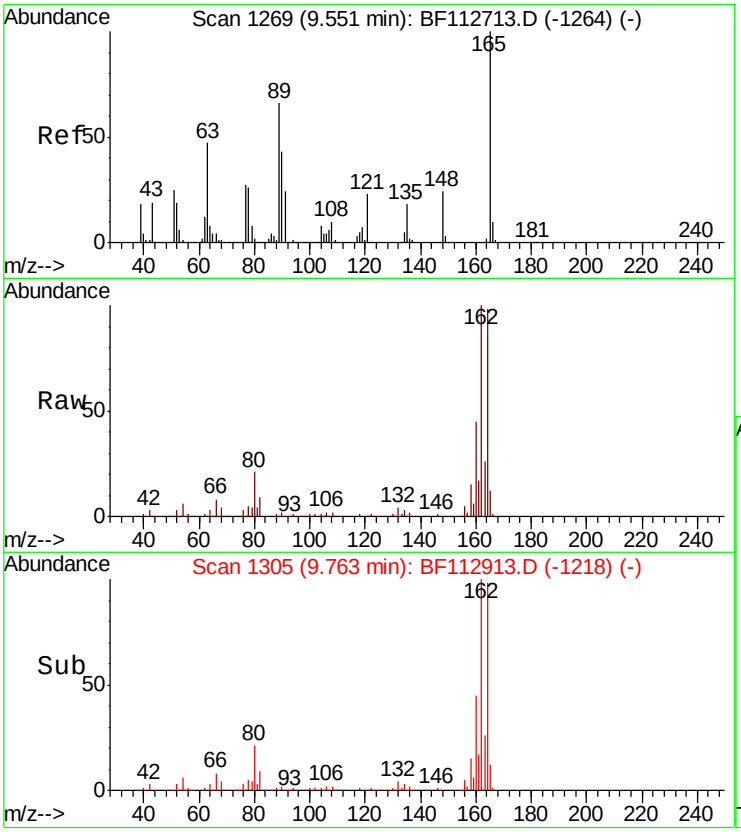


#45
2-Fluorobiphenyl
Concen: 31.681 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:172 Resp: 621657

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.2	20.0	30.0



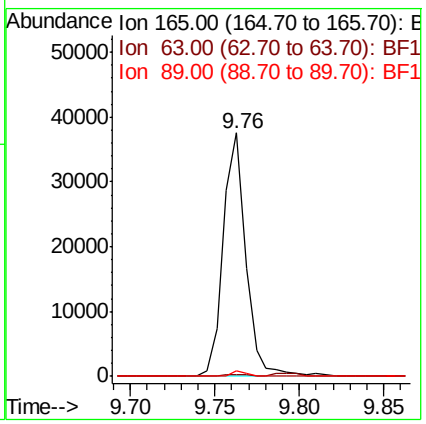


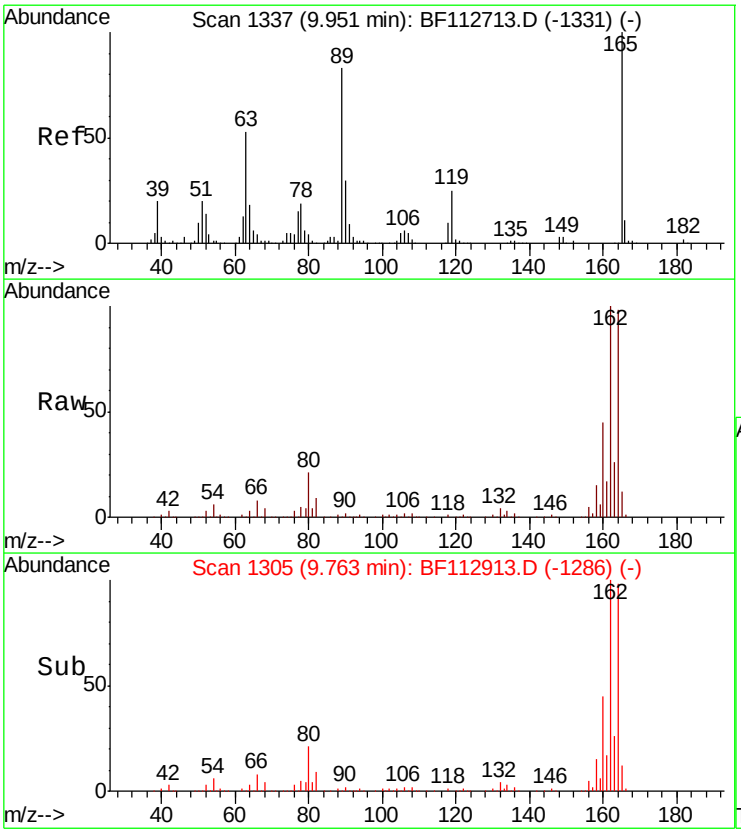
#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:165 Resp: 35144

Ion	Ratio	Lower	Upper
165	100		
63	0.8	54.1	81.1#
89	2.4	52.8	79.2#

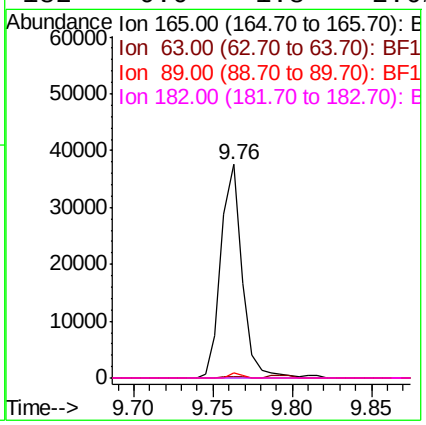


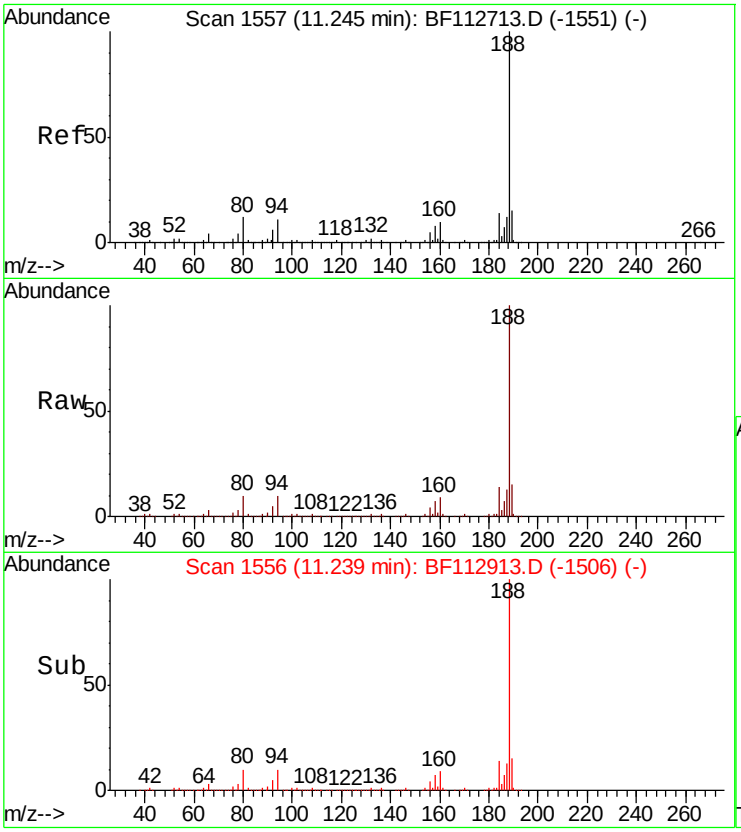


#57
2,4-Dinitrotoluene
Concen: 6.738 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:165 Resp: 35145

Ion	Ratio	Lower	Upper
165	100		
63	0.8	42.2	63.2#
89	2.4	66.2	99.4#
182	0.0	1.8	2.6#



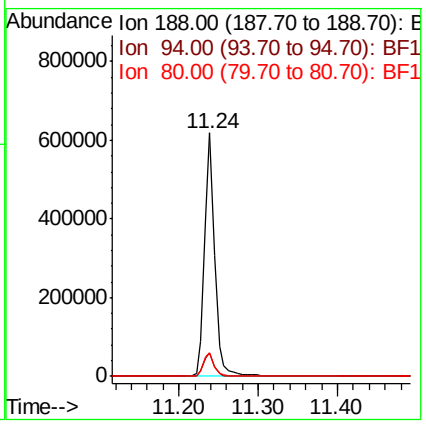


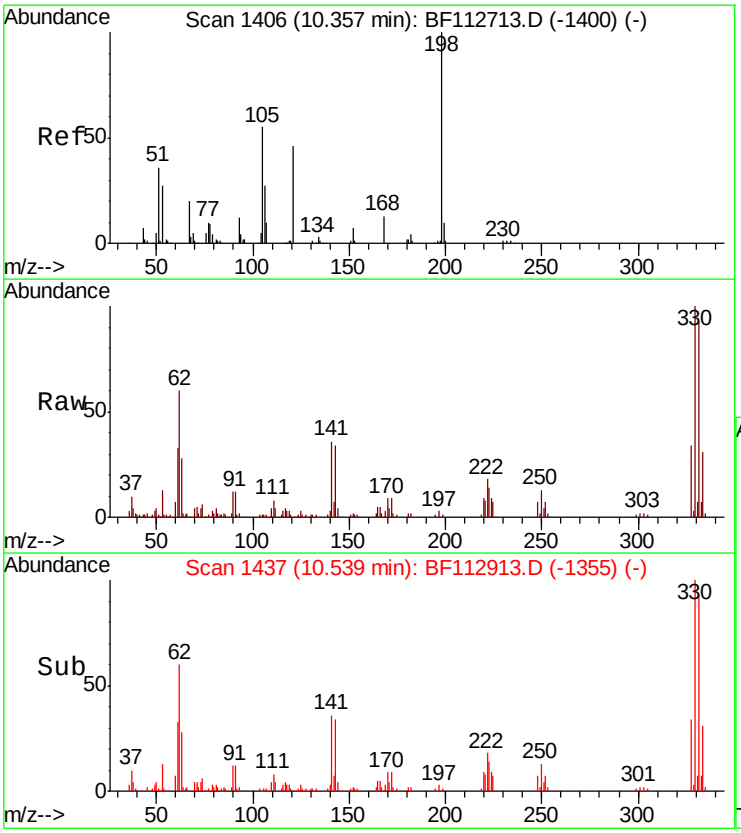
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:188 Resp: 564543

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.7	9.2	13.8

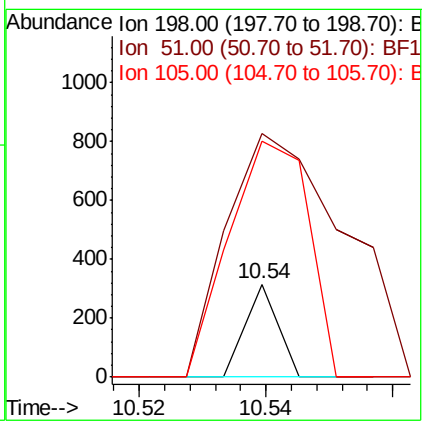


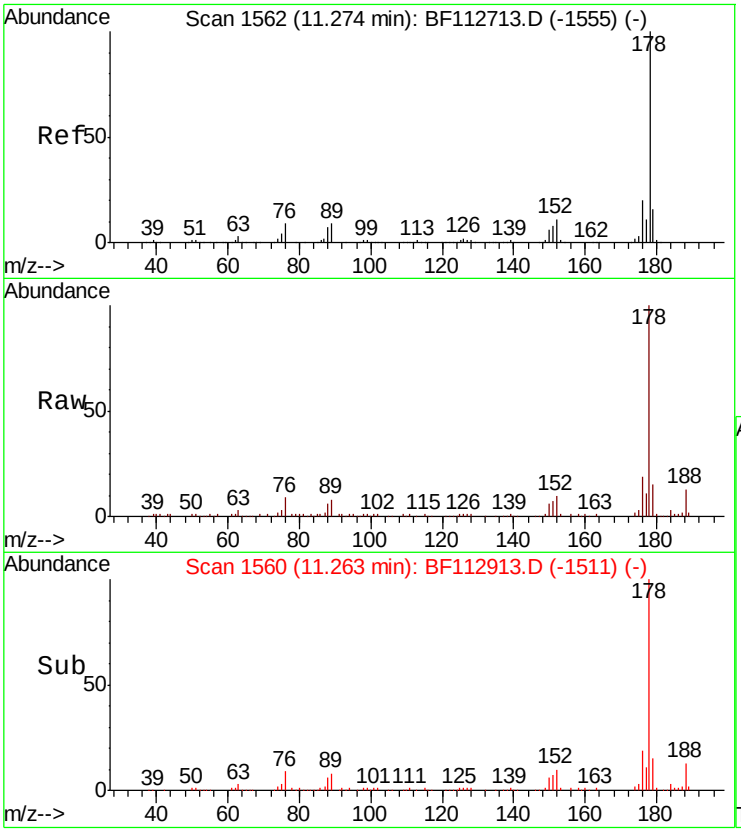


#65
4,6-Dinitro-2-methylphenol
Concen: 4.656 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:198 Resp: 111

Ion	Ratio	Lower	Upper
198	100		
51	50.1	43.8	83.8
105	48.6	36.5	76.5



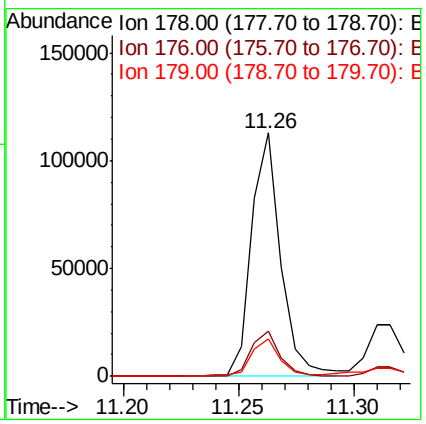


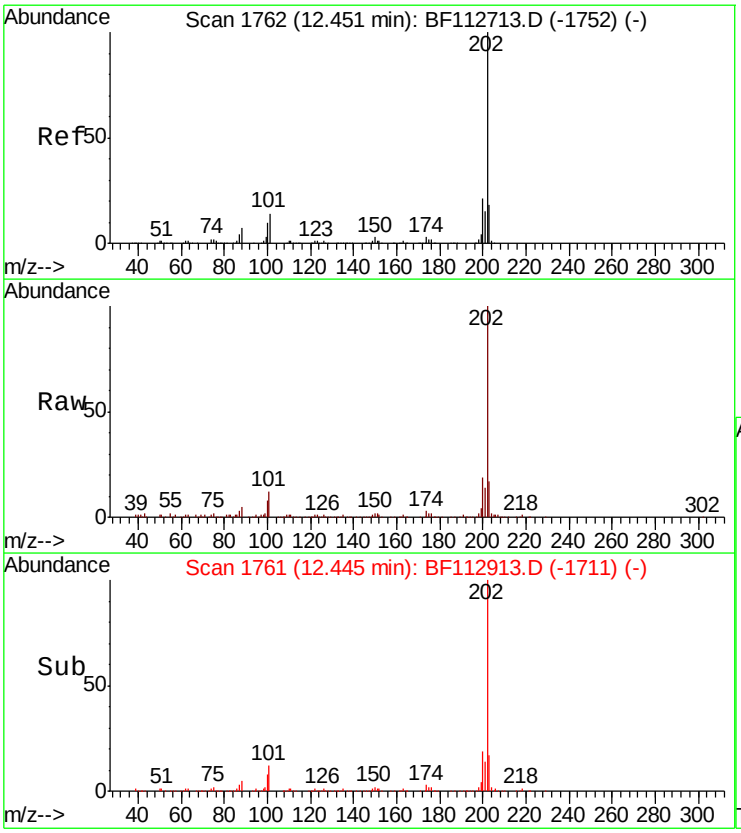
#71
Phenanthrene
Concen: 3.582 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:178 Resp: 100598

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

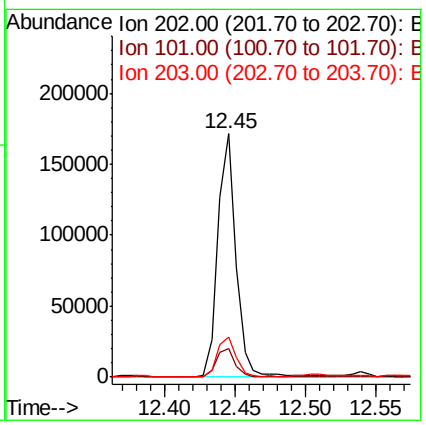


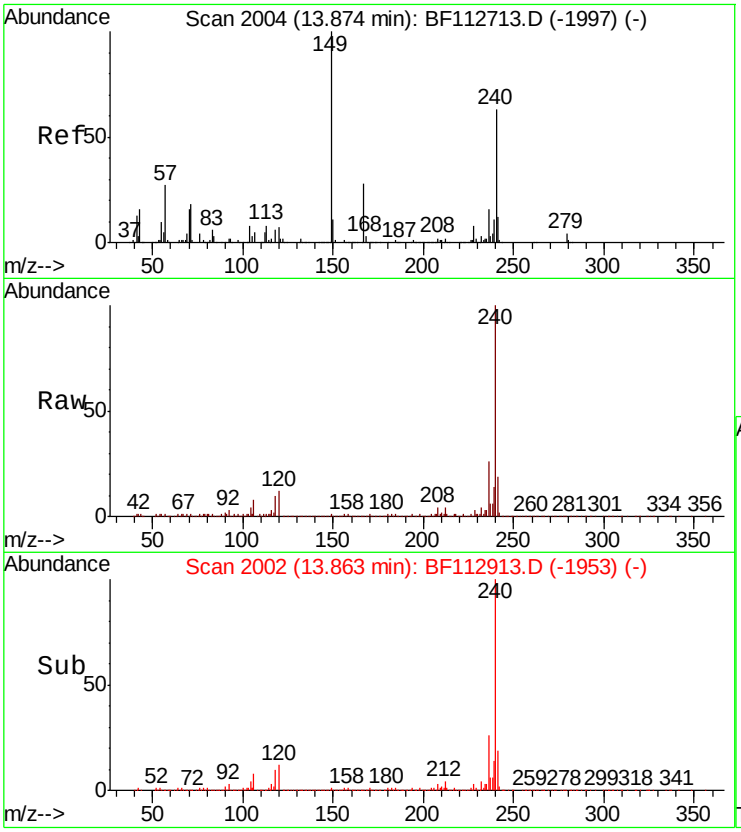


#75
Fluoranthene
Concen: 5.156 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:202 Resp: 155153

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	16.6	0.0	38.4



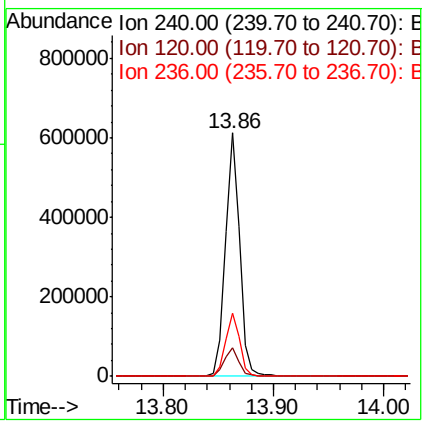


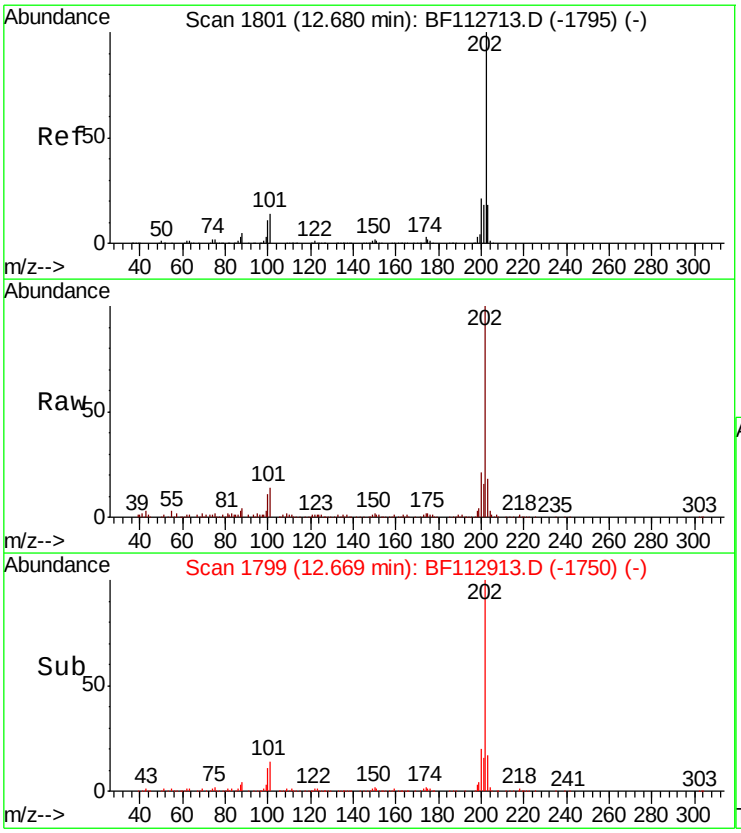
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:240 Resp: 556067

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.7	20.7	31.1

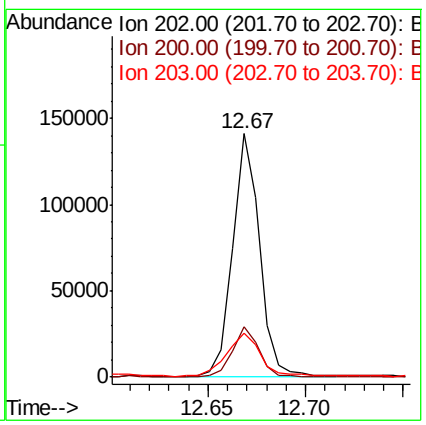


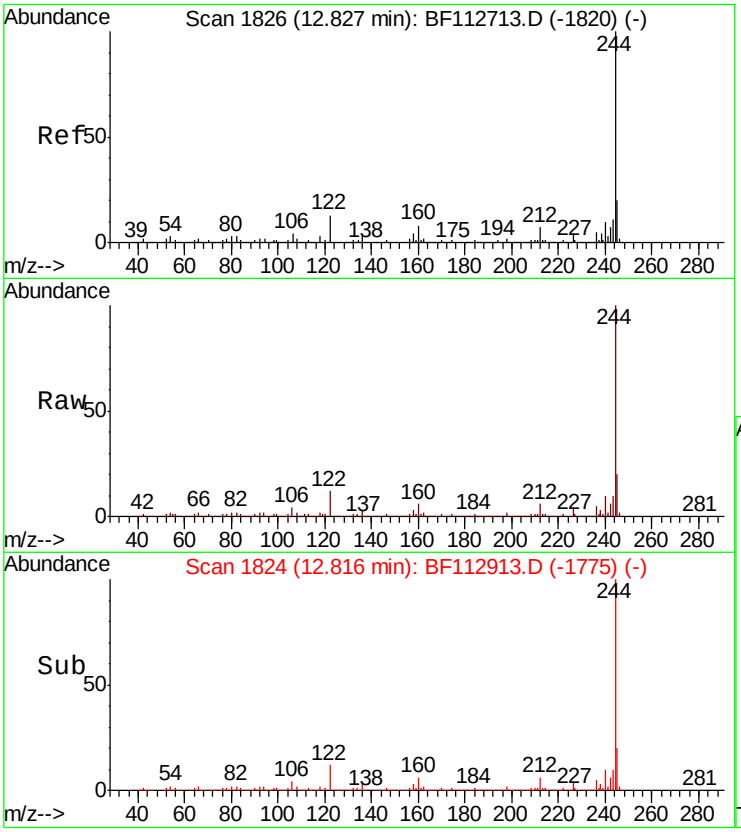


#78
Pyrene
Concen: 2.861 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:202 Resp: 134138

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.0	14.4	21.6



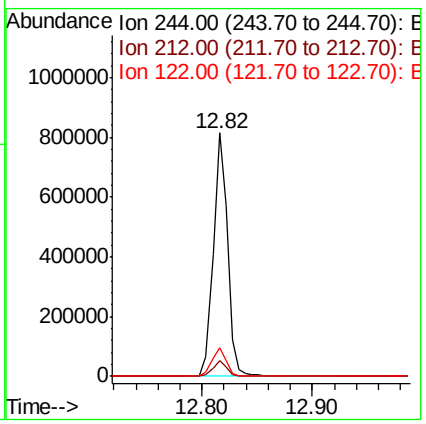


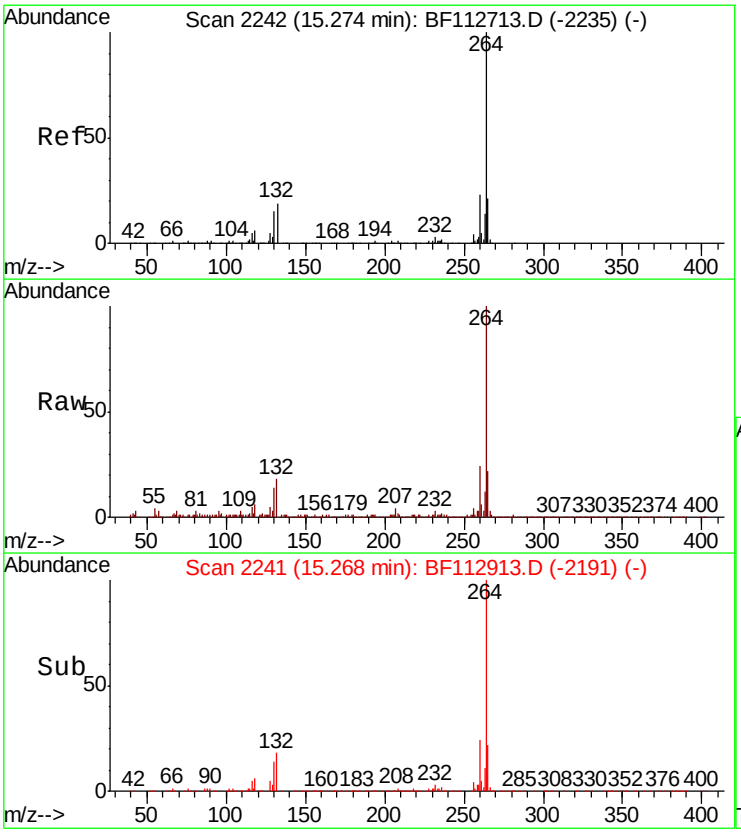
#79
Terphenyl-d14
Concen: 25.089 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:244 Resp: 719700

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.6	10.5	15.7

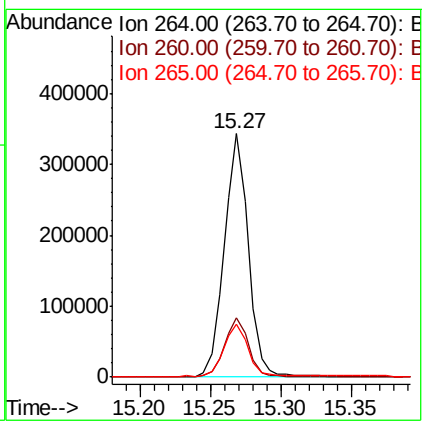


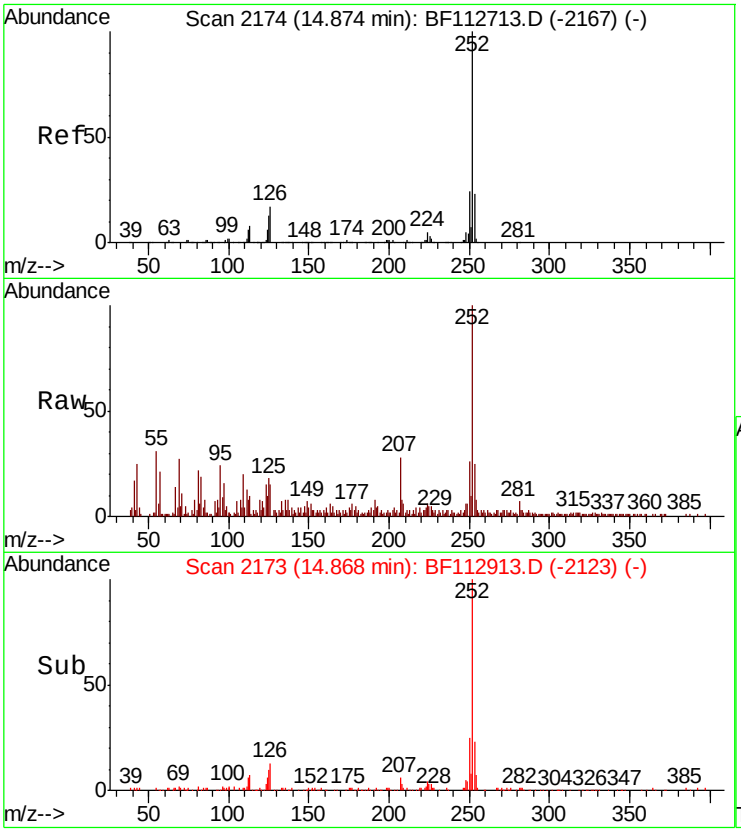


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:264 Resp: 402851

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.8	17.2	25.8



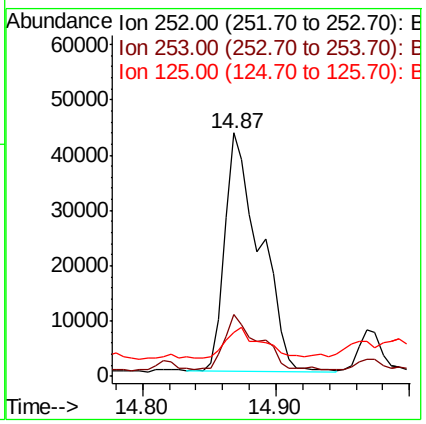


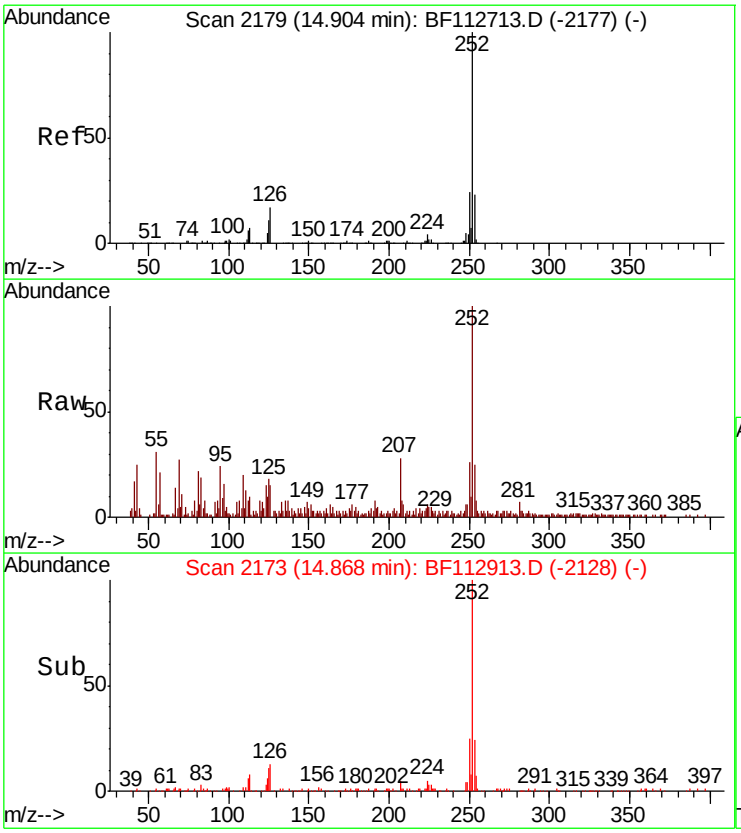
#88
Benzo(b)fluoranthene
Concen: 3.032 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW024-022719

Tgt Ion:252 Resp: 78996

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	17.9	10.2	15.2#





#89
Benzo(k)fluoranthene
Concen: 3.347 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF112913.D
Acq: 7 Mar 2019 6:11

Tgt Ion:252 Resp: 78996

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.2
125	17.9	9.8	14.6#