Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112910.D
Acq On : 7 Mar 2019 4:49
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-028-B101-022719

Quant Time: Mar 07 05:49:25 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	193470	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	709862	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	310070	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	576028	20.00	ng		0.00
76) Chrysene-d12	13.86	240	589886	20.00	ng		-0.01
87) Perylene-d12	15.27	264	531498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1068064	85.87	ng		0.00
7) Phenol-d6	6.37	99	1422333	91.04	ng		0.00
23) Nitrobenzene-d5	7.29	82	808561	68.16	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	354611	107.73	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1372661	70.02	ng		-0.01
79) Terphenyl-d14	12.82	244	1267086	41.64	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.44	93	254486	11.833	ng	#	48
11) bis(2-Chloroethyl)ether	6.44	93	254486	18.186	ng	#	21
19) n-Nitroso-di-n-propylamine	7.29	70	105198	10.631	ng	#	76
25) Isophorone	7.29	82	804211	31.467	ng	#	66
50) Dimethylphthalate	9.48	163	115286	5.042	ng		100
65) 4,6-Dinitro-2-methylphenol	10.54	198	372	4.755	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	20057	3.306	ng	#	1
71) Phenanthrene	11.26	178	99920	3.486	ng		98
72) Anthracene	11.26	178	99920	3.331	ng		98
75) Fluoranthene	12.44	202	142434	4.639	ng		94
78) Pyrene	12.67	202	136127	2.737	ng		98
88) Benzo(b)fluoranthene	14.87	252	100735	2.930	ng		94
89) Benzo(k)fluoranthene	14.87	252	100735	3.235	ng	#	94

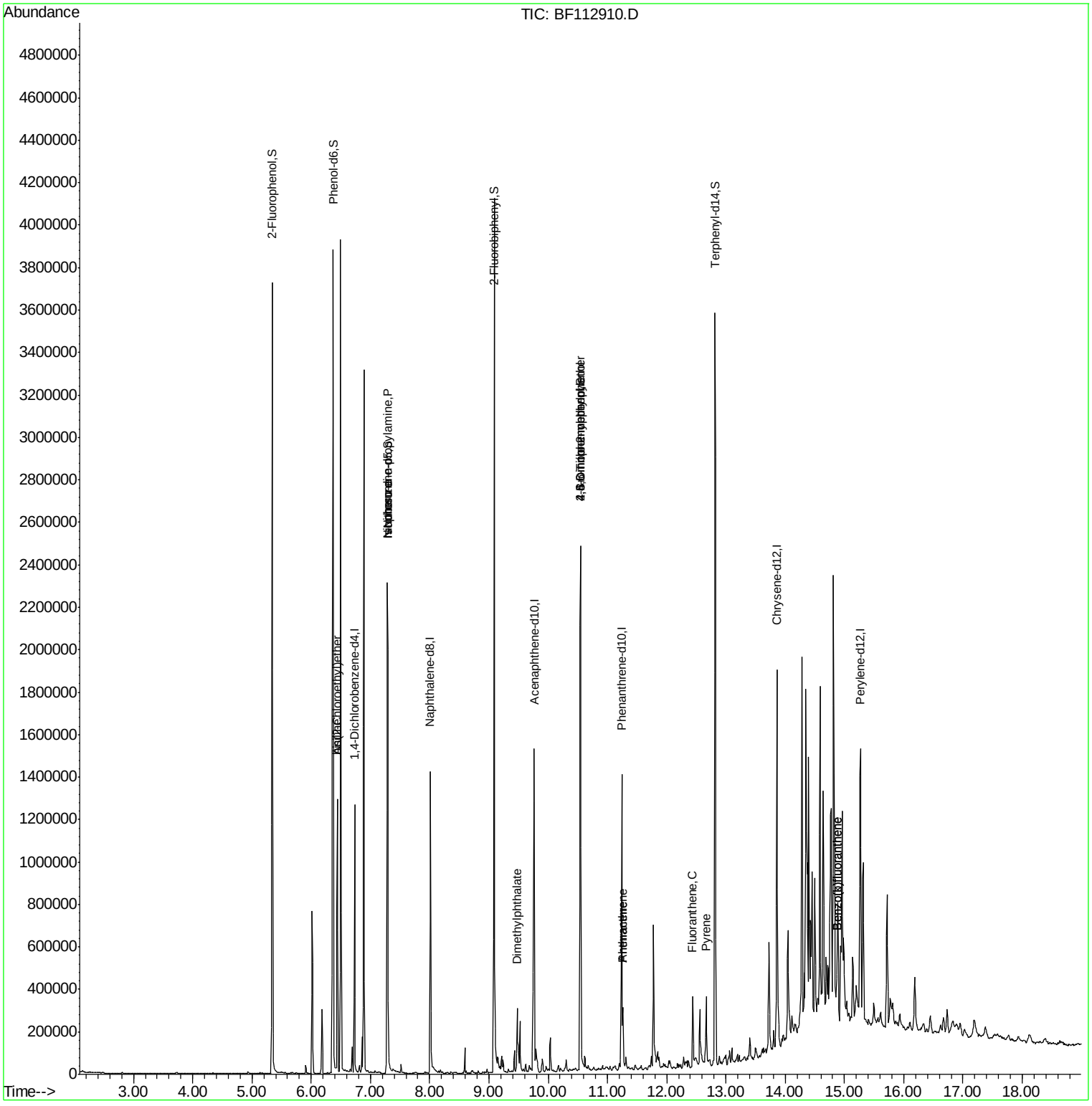
(#) = qualifier out of range (m) = manual integration (+) = signals summed

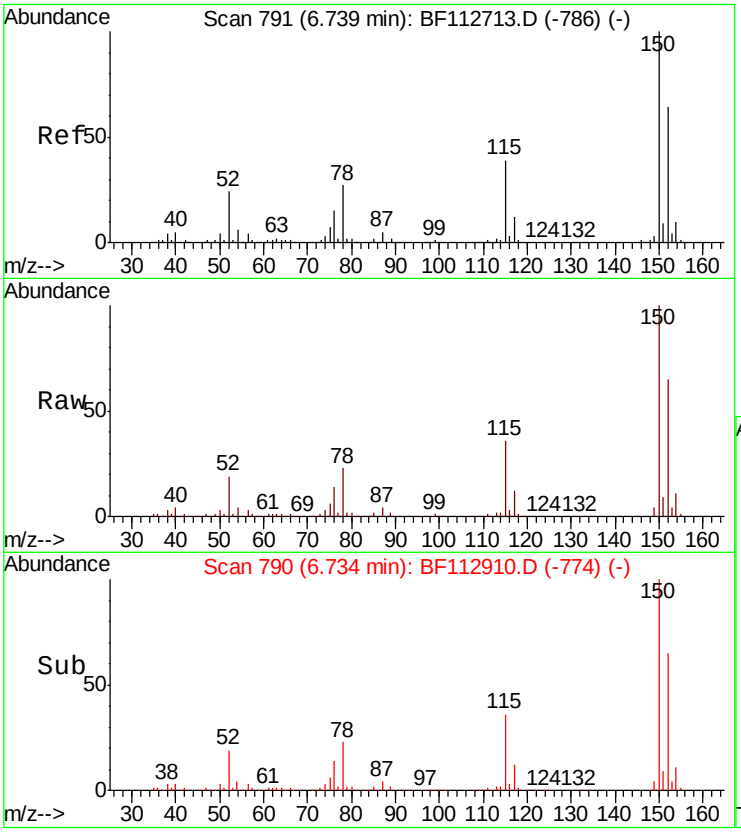
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112910.D
Acq On : 7 Mar 2019 4:49
Operator : JU/SJ
Sample : K1705-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Quant Time: Mar 07 05:49:25 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



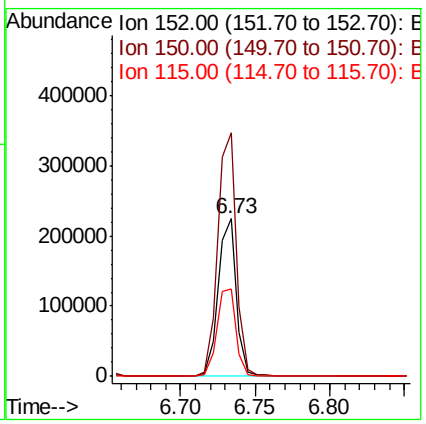


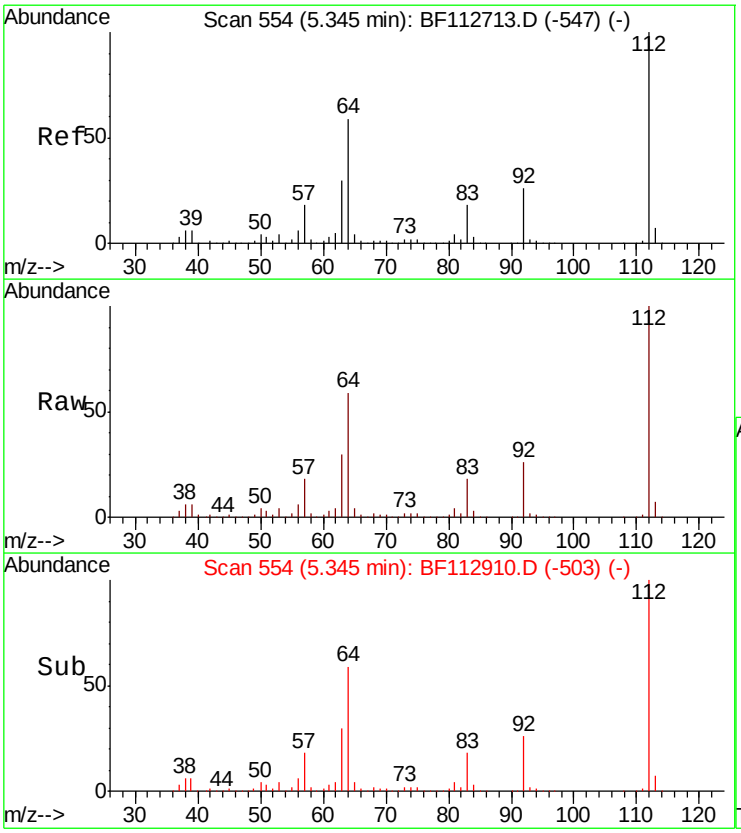
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:152 Resp: 193470

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	55.5	48.2	72.4

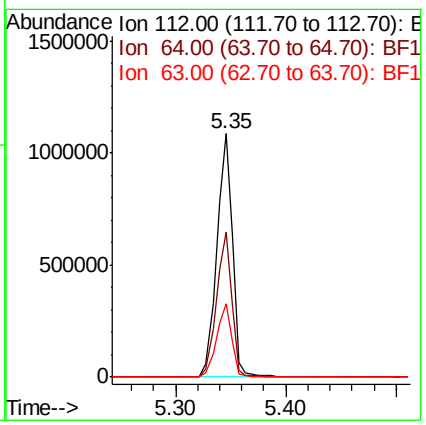


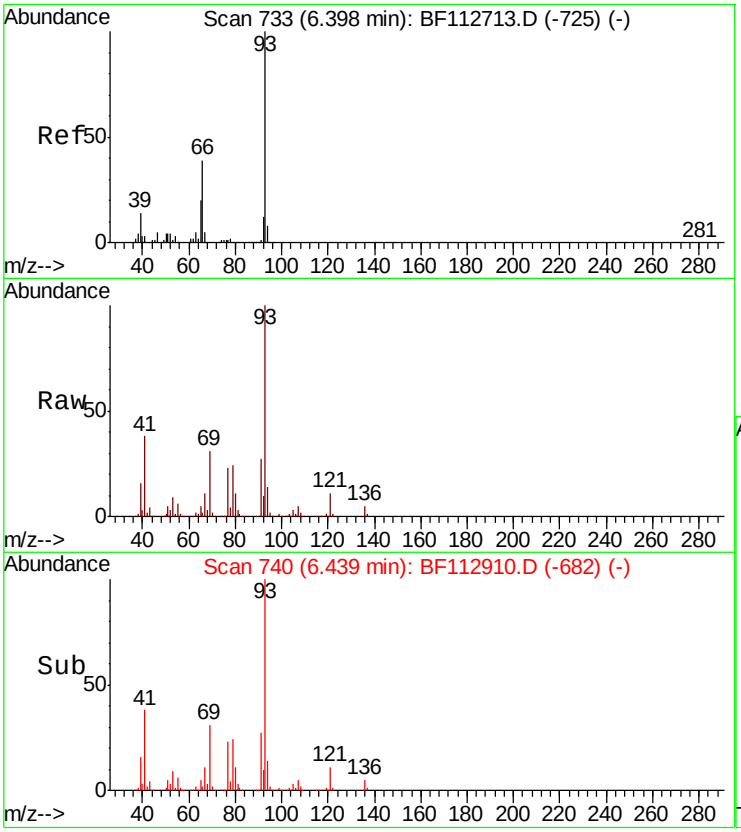


#5
2-Fluorophenol
Concen: 85.875 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:112 Resp: 1068064

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.3	24.4	36.6



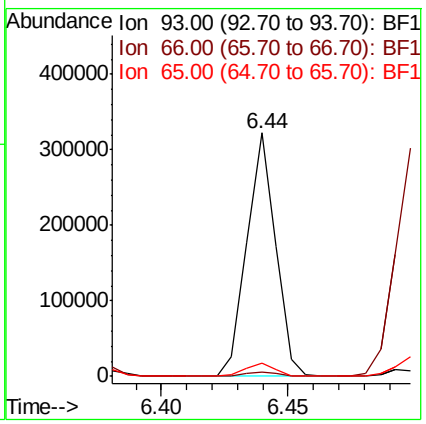


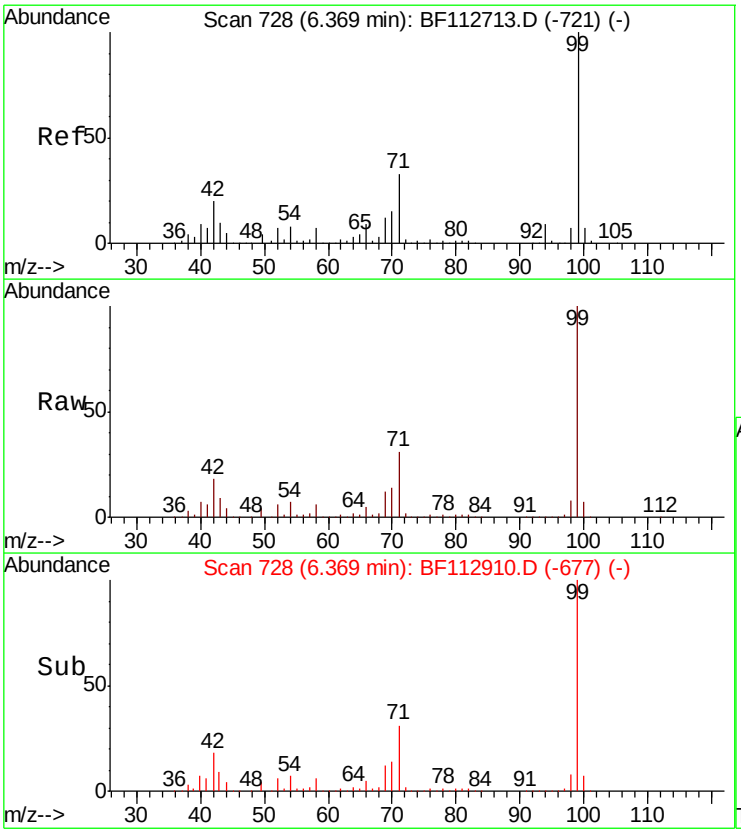
#6
Aniline
Concen: 11.833 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.04 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion: 93 Resp: 254486

Ion	Ratio	Lower	Upper
93	100		
66	1.9	32.2	48.2#
65	5.5	16.2	24.4#

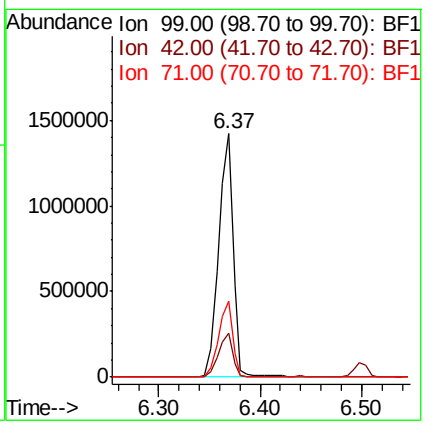


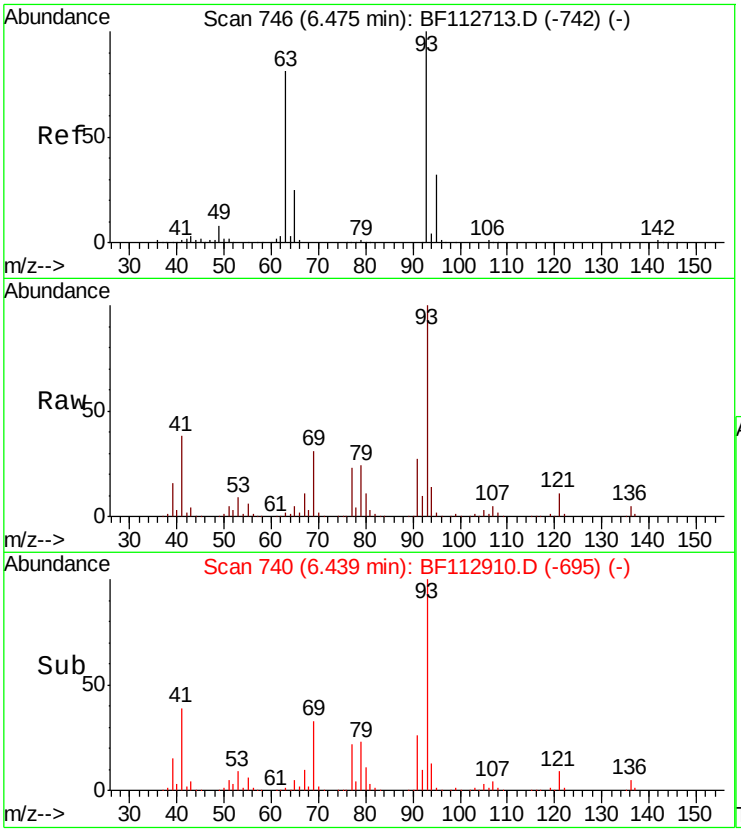


#7
Phenol-d6
Concen: 91.038 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion: 99 Resp: 1422333

Ion	Ratio	Lower	Upper
99	100		
42	18.2	16.3	24.5
71	31.1	26.2	39.4



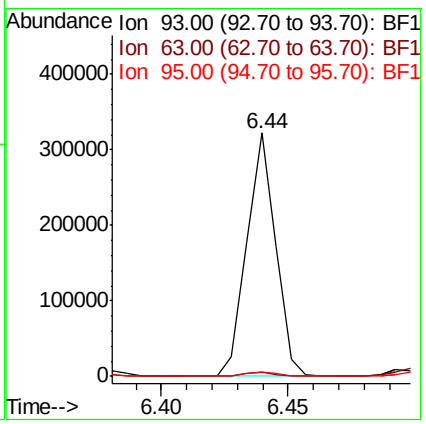


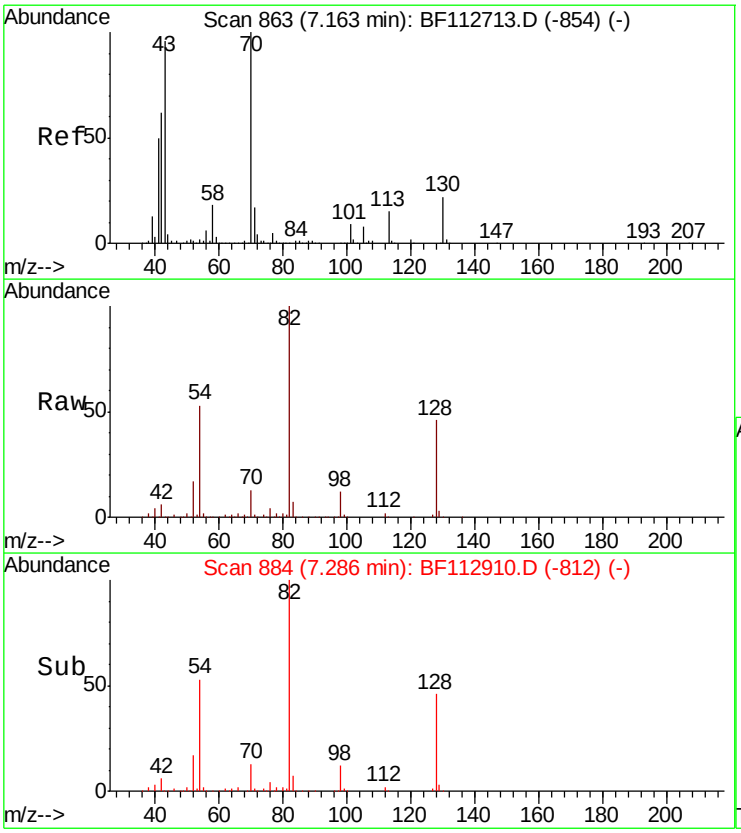
#11
bis(2-Chloroethyl)ether
Concen: 18.186 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.04 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion: 93 Resp: 254486

Ion	Ratio	Lower	Upper
93	100		
63	1.5	60.5	100.5#
95	2.0	12.1	52.1#

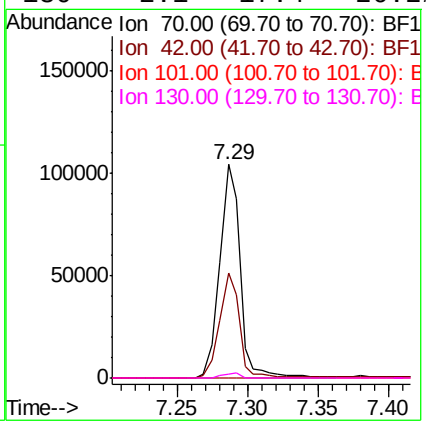


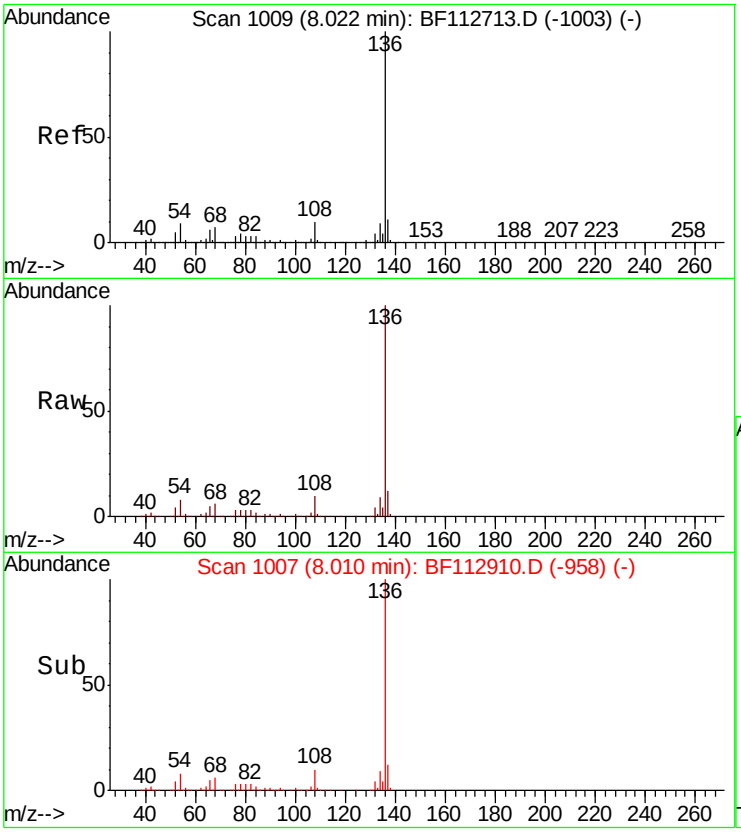


#19
n-Nitroso-di-n-propylamine
Concen: 10.631 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion: 70 Resp: 105198

Ion	Ratio	Lower	Upper
70	100		
42	49.0	49.9	74.9#
101	0.0	7.4	11.2#
130	2.1	17.4	26.2#



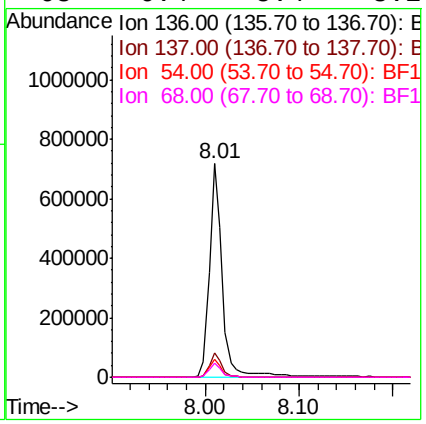


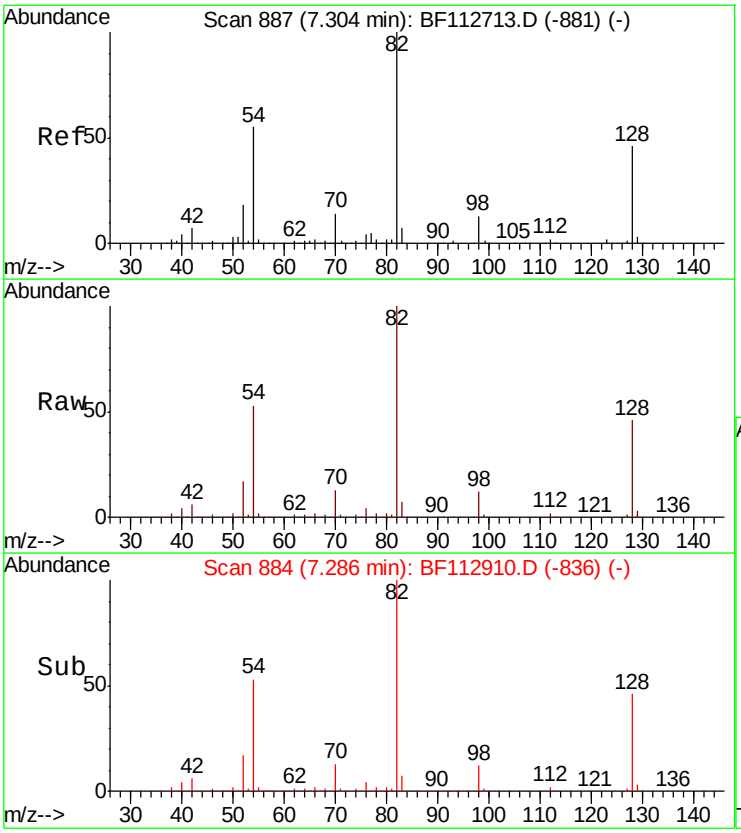
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:136 Resp: 709862

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.3	7.3	10.9
68	6.4	5.4	8.2

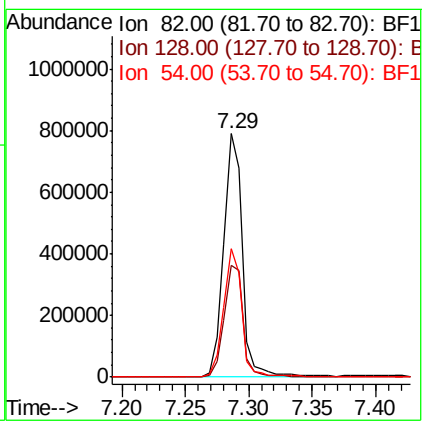


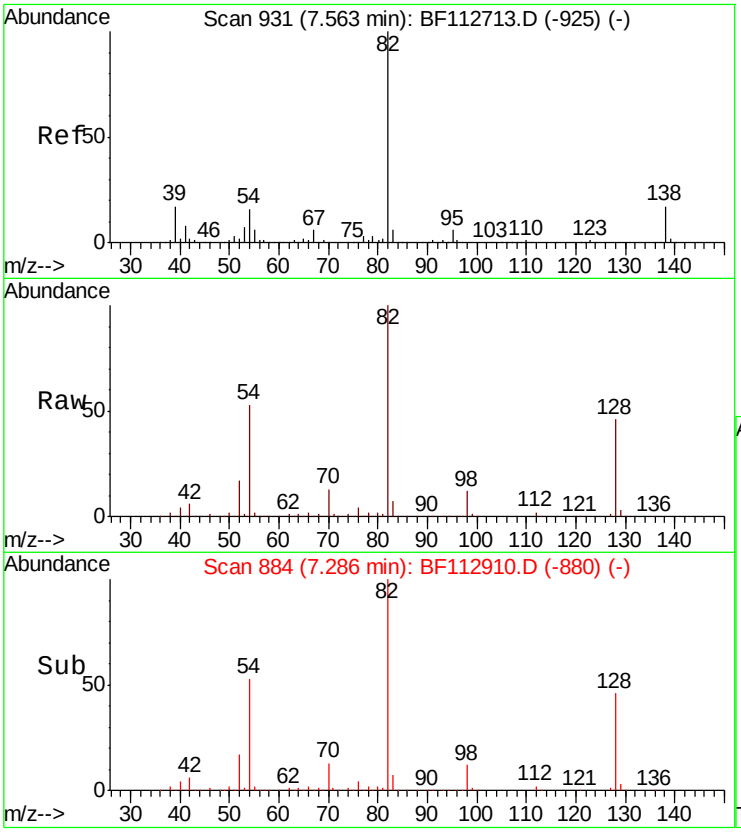


#23
Nitrobenzene-d5
Concen: 68.158 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion: 82 Resp: 808561

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	52.8	43.7	65.5



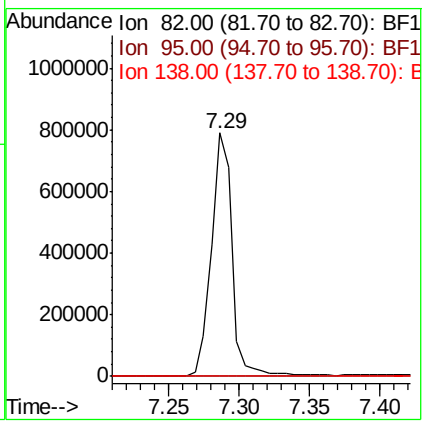


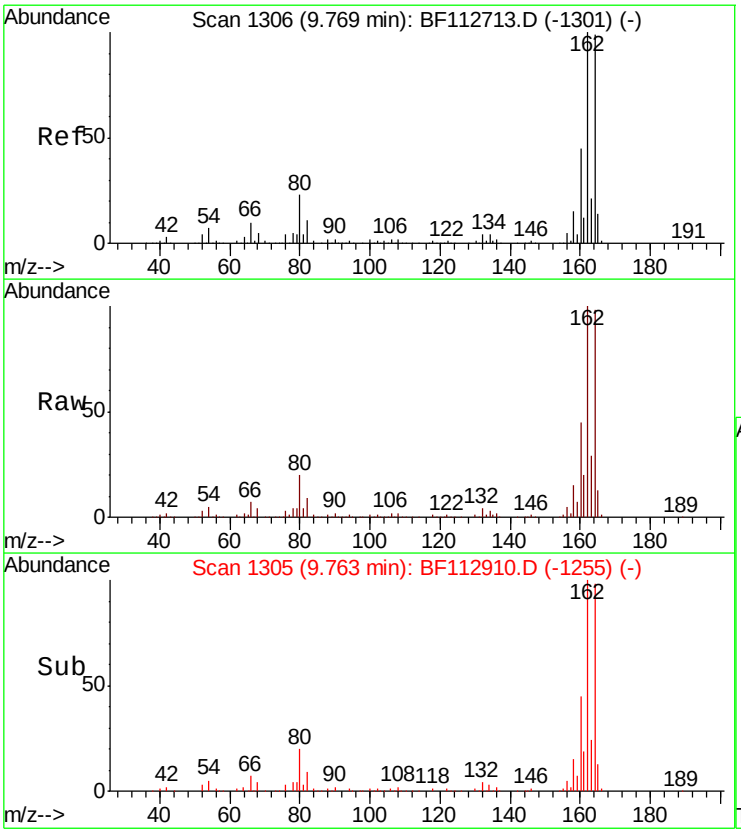
#25
Isophorone
Concen: 31.467 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion: 82 Resp: 804211

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

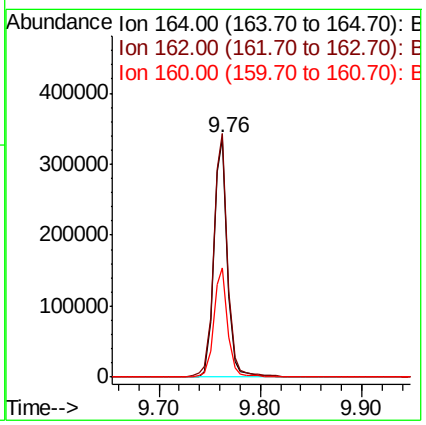


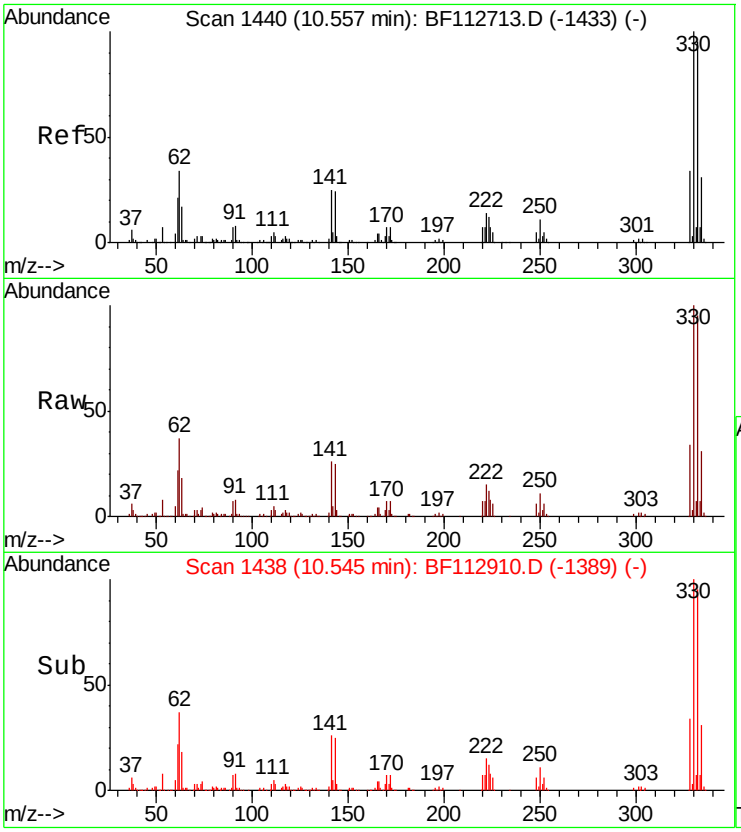


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:164 Resp: 310070

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.9	36.0	54.0



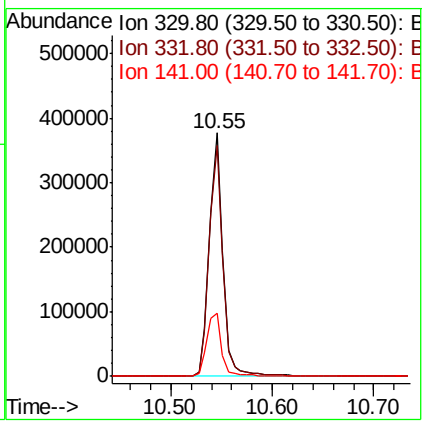


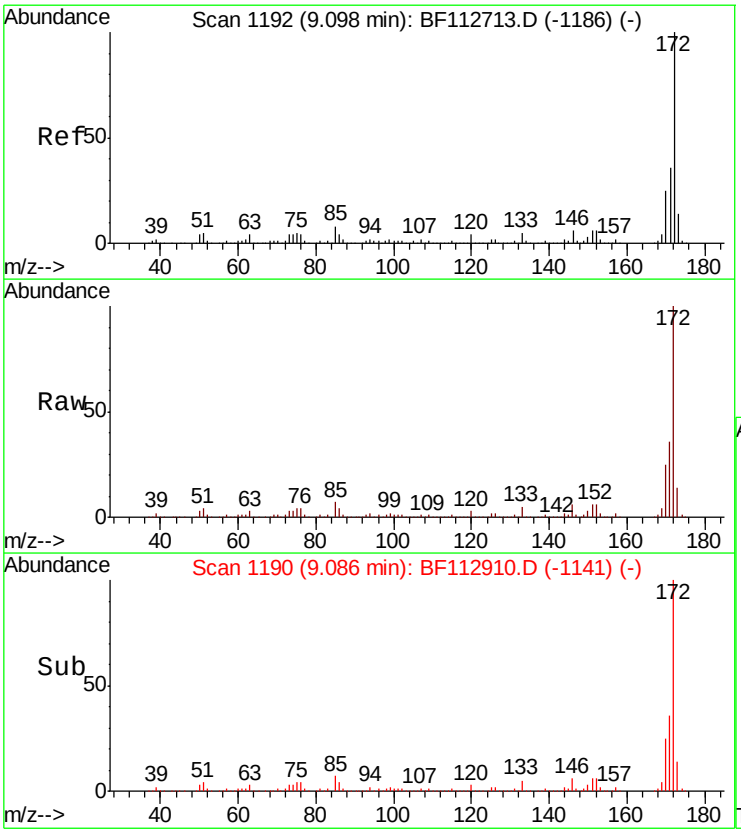
#42
2,4,6-Tribromophenol
Concen: 107.726 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:330 Resp: 354611

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	28.5	27.0	40.6

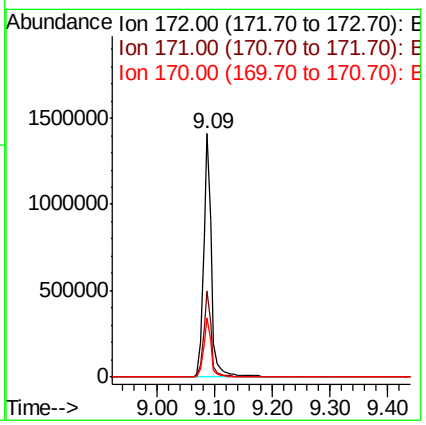


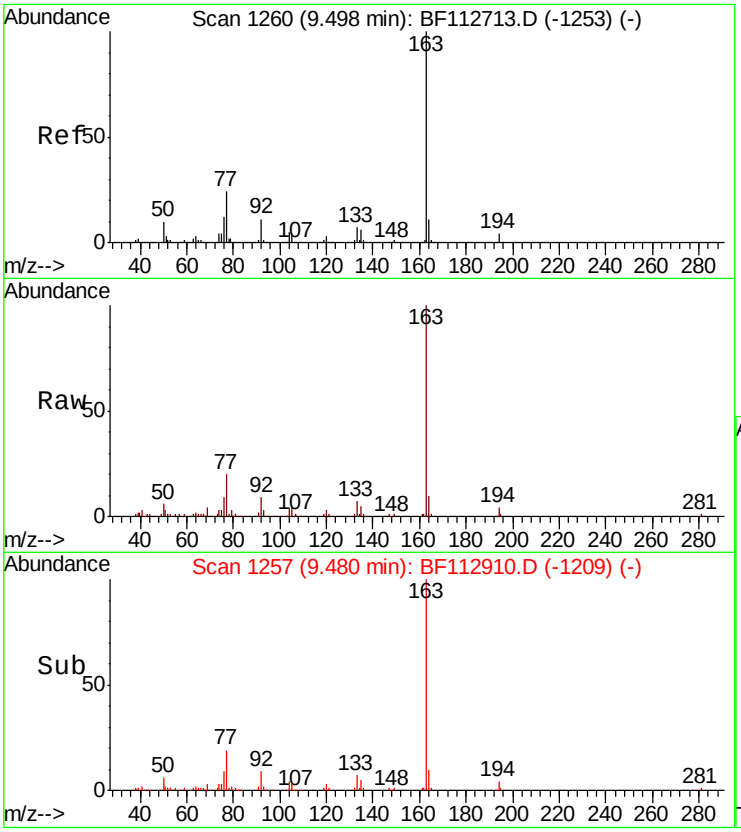


#45
2-Fluorobiphenyl
Concen: 70.016 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:172 Resp: 1372661

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.5	20.0	30.0



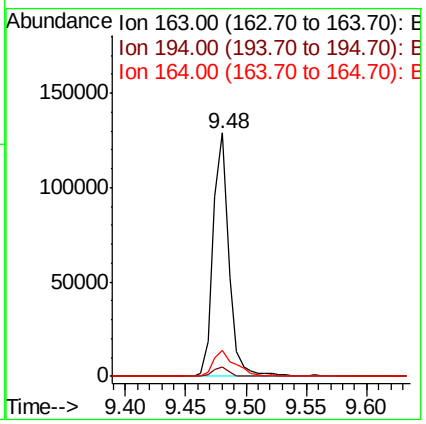


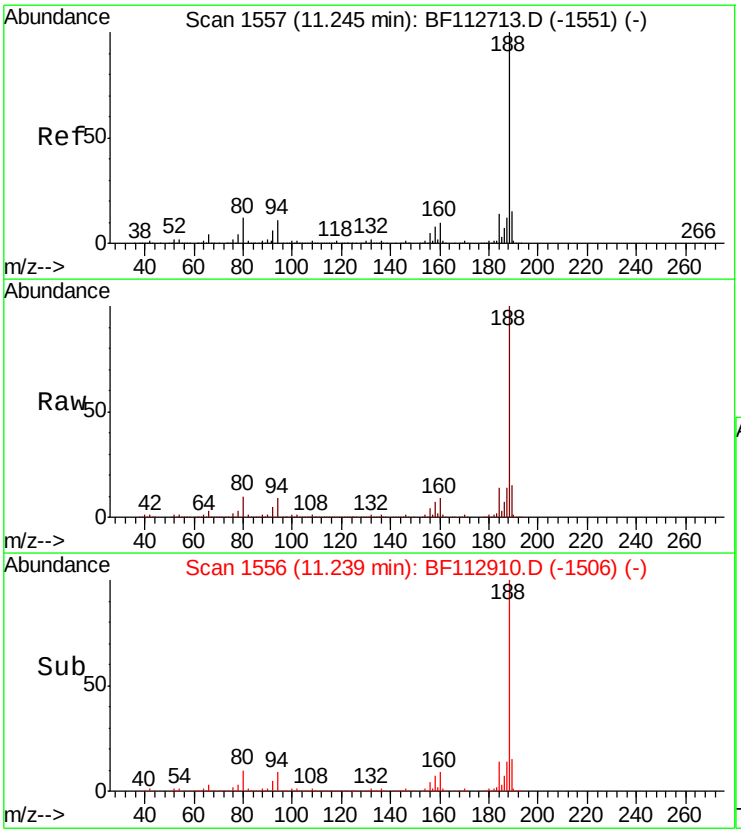
#50
Dimethylphthalate
Concen: 5.042 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:163 Resp: 115286

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.5	8.4	12.6

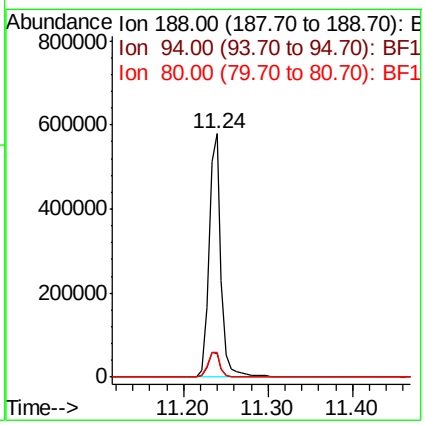


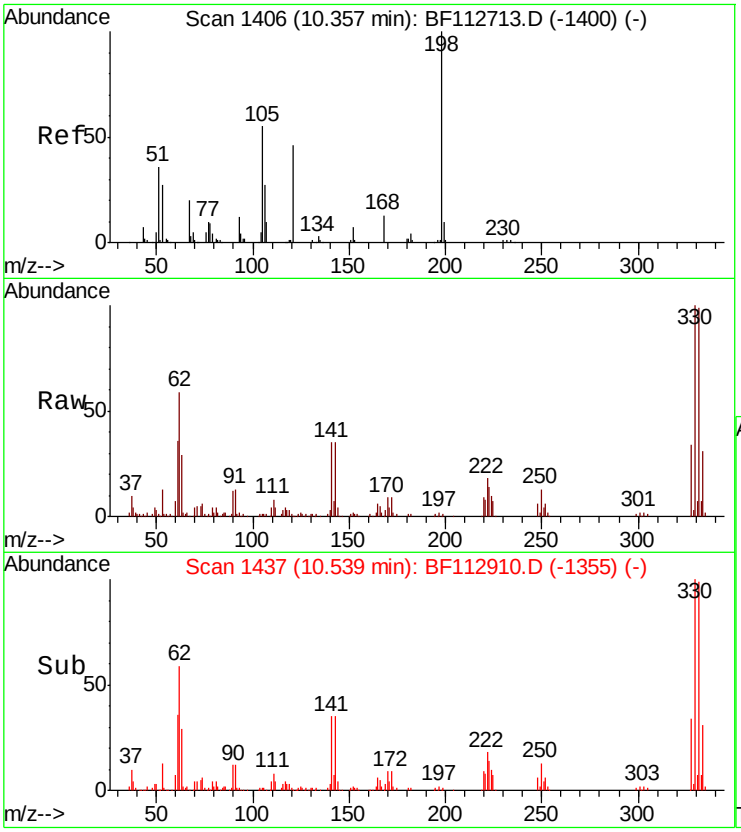


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:188 Resp: 576028

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	10.2	9.2	13.8



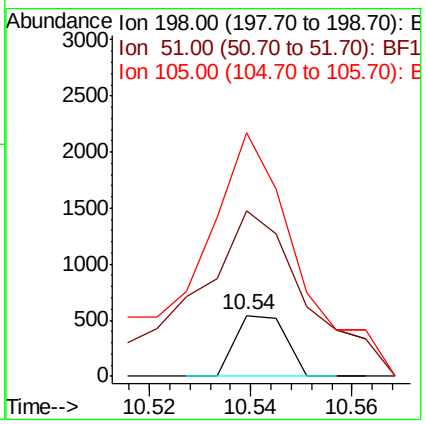


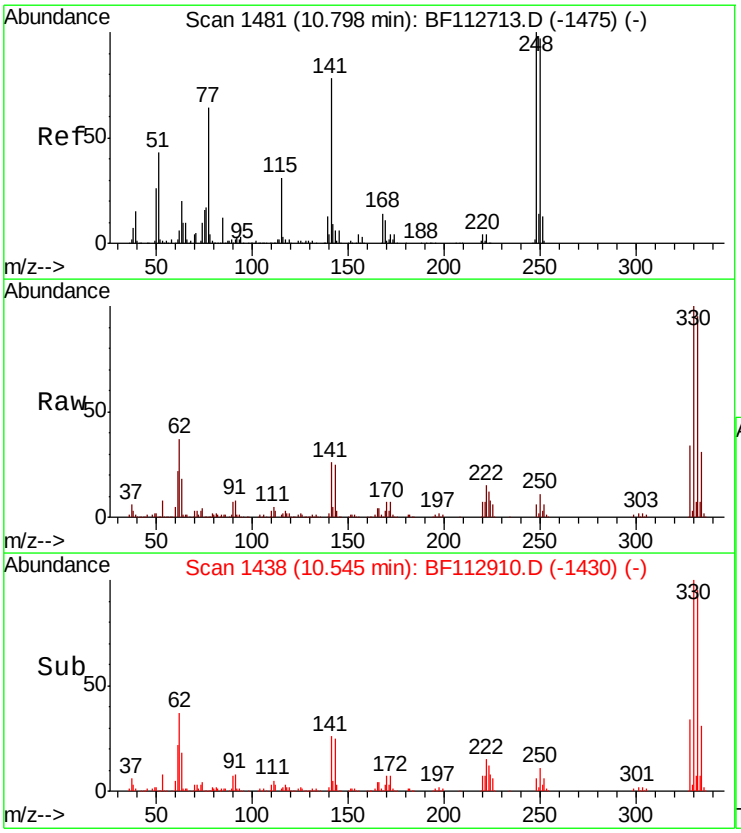
#65
4,6-Dinitro-2-methylphenol
Concen: 4.755 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:198 Resp: 372

Ion	Ratio	Lower	Upper
198	100		
51	272.4	43.8	83.8#
105	402.0	36.5	76.5#

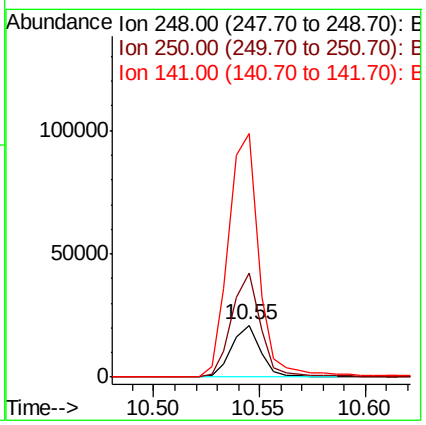


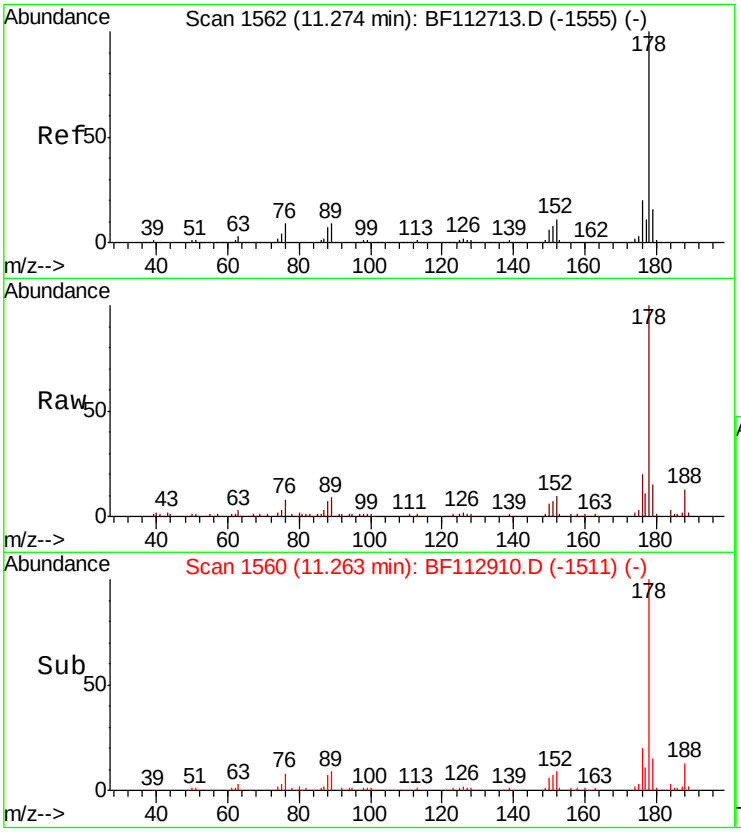


#67
4-Bromophenyl-phenylether
Concen: 3.306 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:248 Resp: 20057

Ion	Ratio	Lower	Upper
248	100		
250	201.7	77.5	116.3#
141	469.6	62.4	93.6#



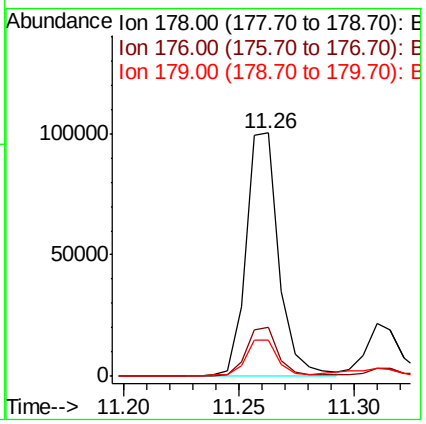


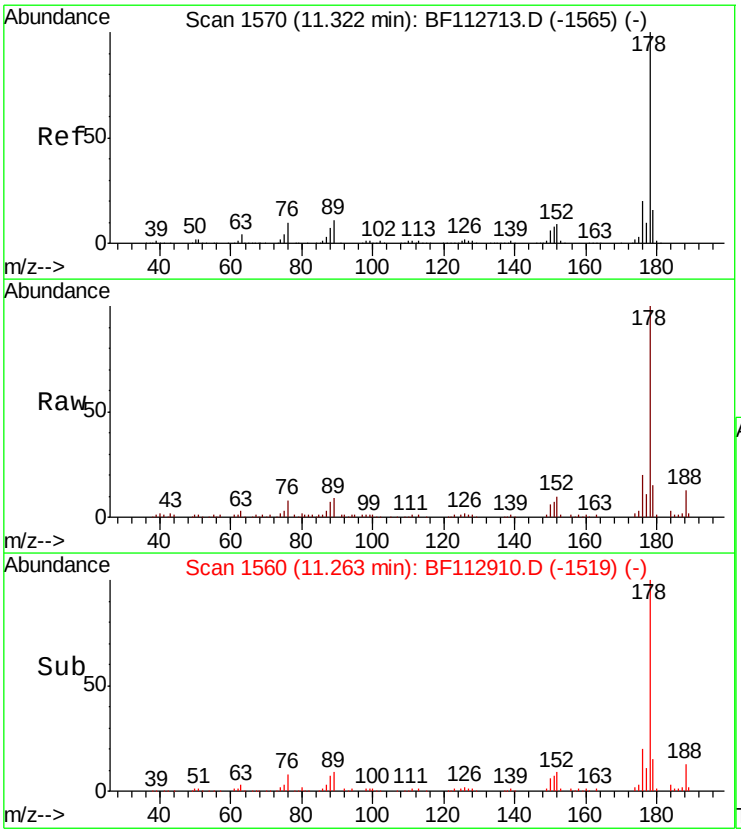
#71
Phenanthrene
Concen: 3.486 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:178 Resp: 99920

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	14.8	12.7	19.1

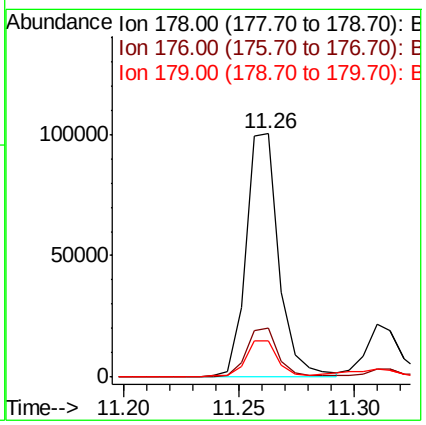


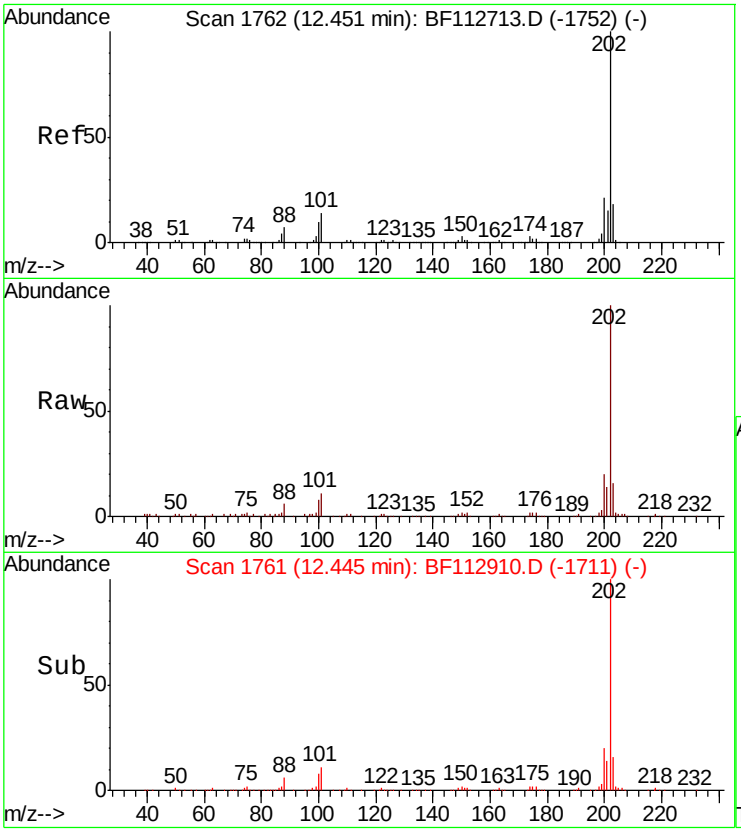


#72
Anthracene
Concen: 3.331 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.06 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:178 Resp: 99920

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	14.8	13.0	19.6



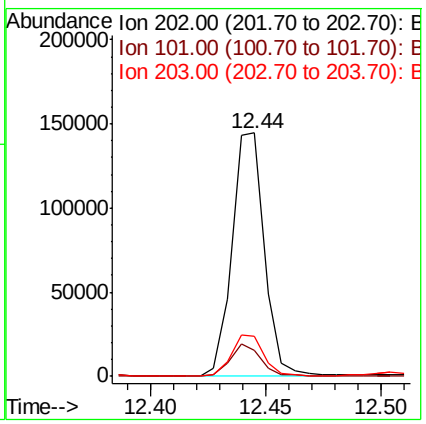


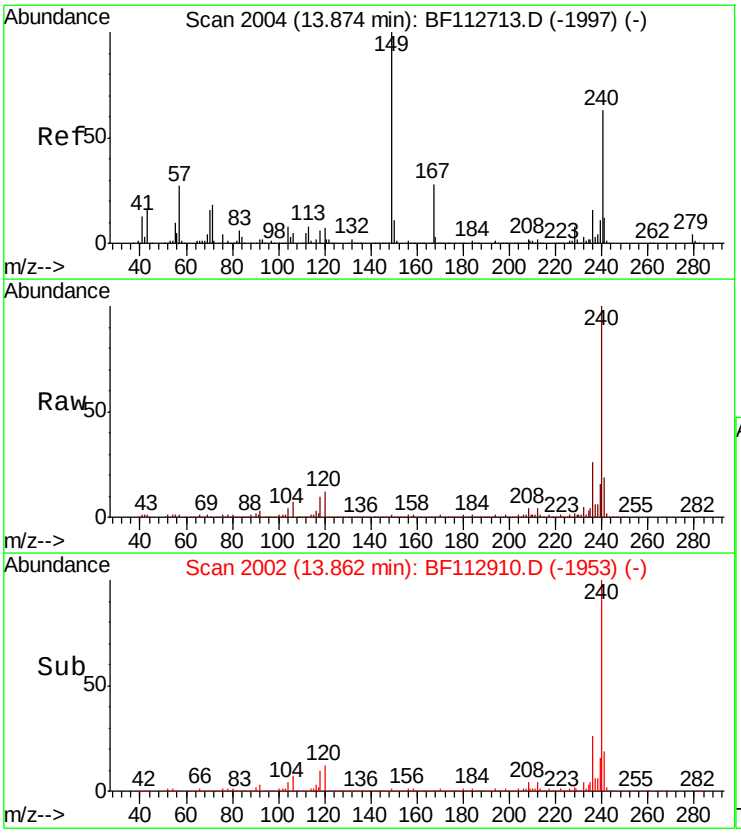
#75
Fluoranthene
Concen: 4.639 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:202 Resp: 142434

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.8
203	16.4	0.0	38.4

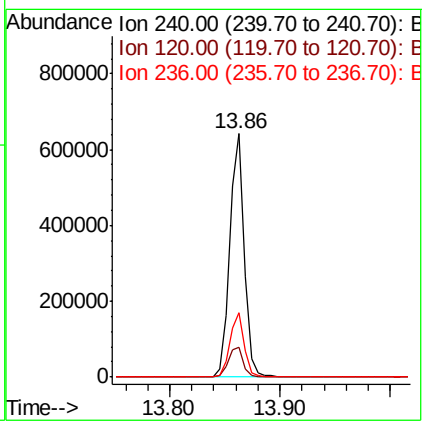


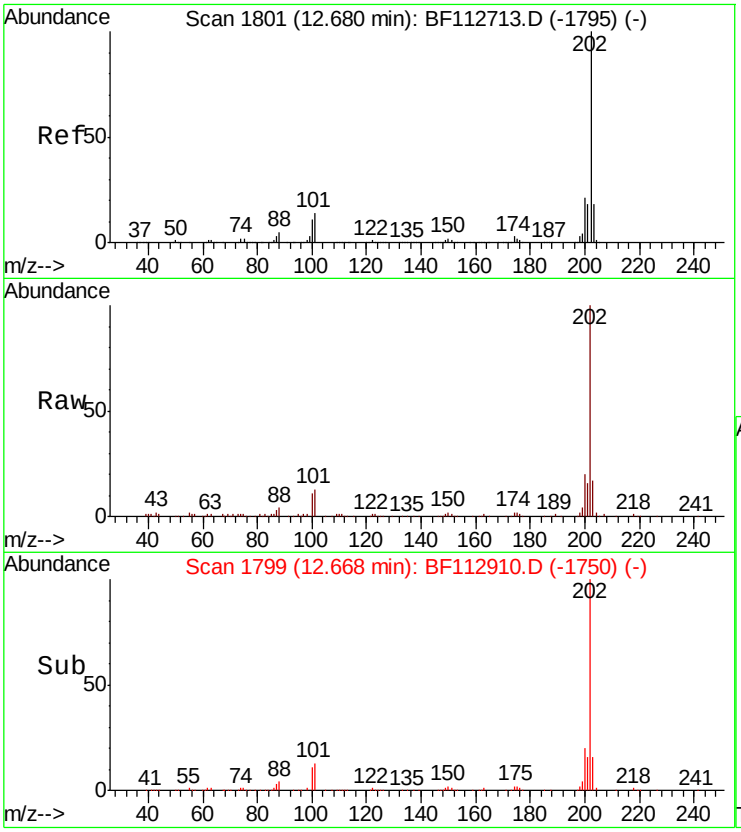


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:240 Resp: 589886

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.9	13.3
236	26.4	20.7	31.1



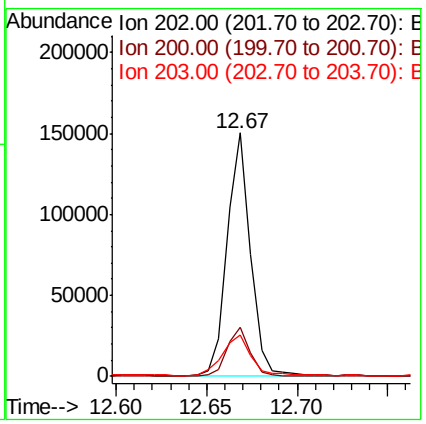


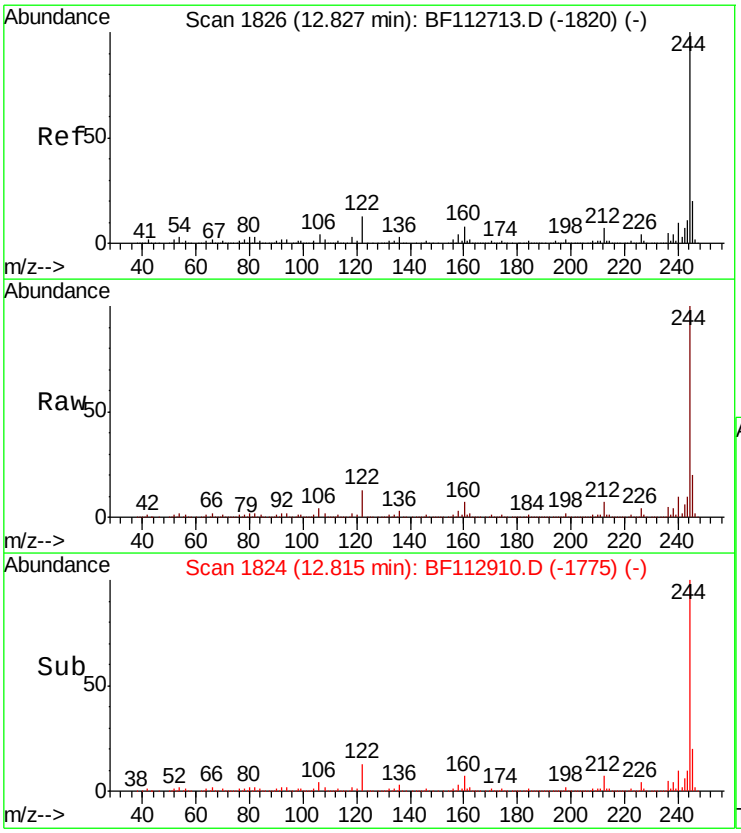
#78
Pyrene
Concen: 2.737 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:202 Resp: 136127

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.4
203	17.1	14.4	21.6

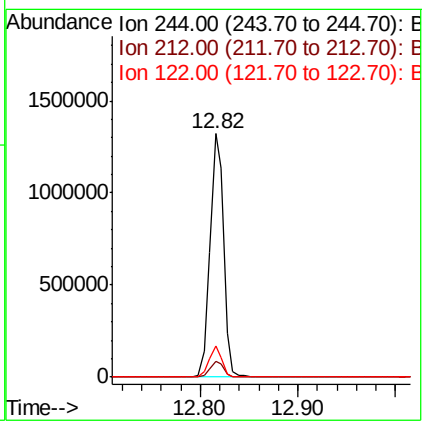


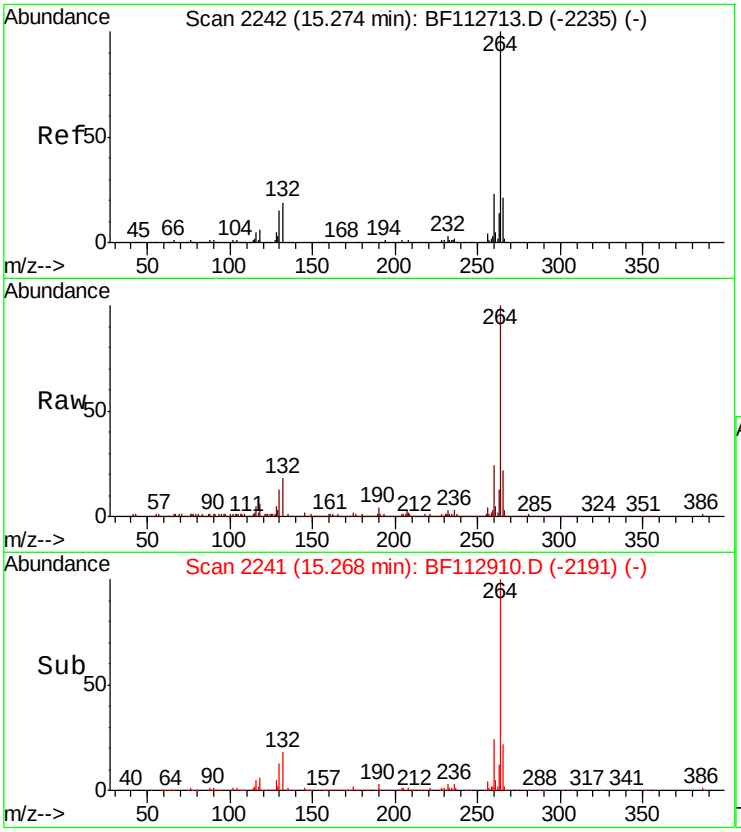


#79
Terphenyl-d14
Concen: 41.639 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:244 Resp: 1267086

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	12.5	10.5	15.7



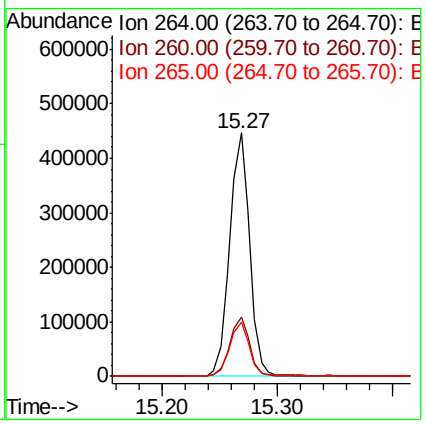


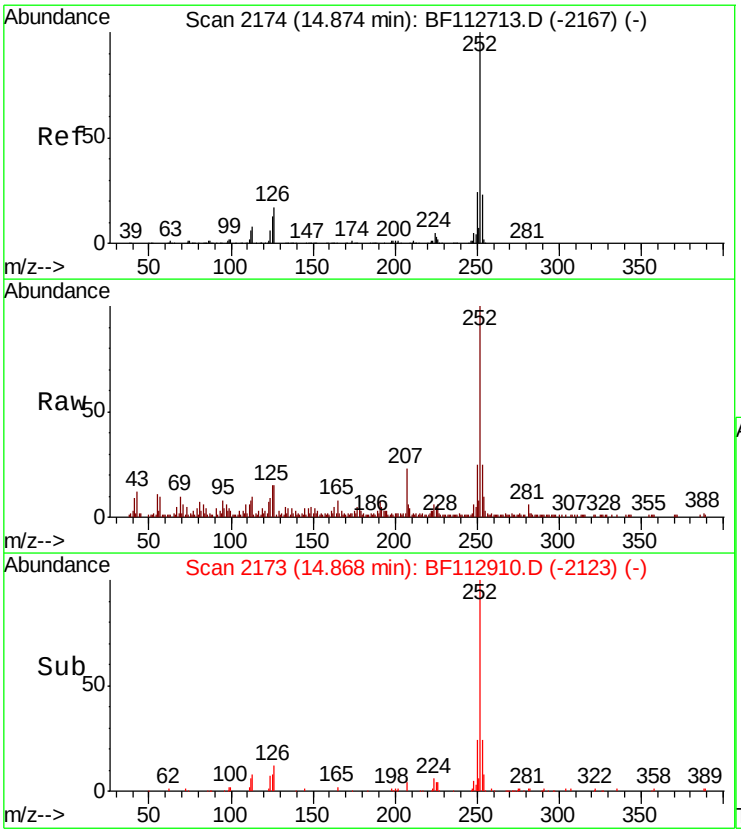
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:264 Resp: 531498

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.1	17.2	25.8

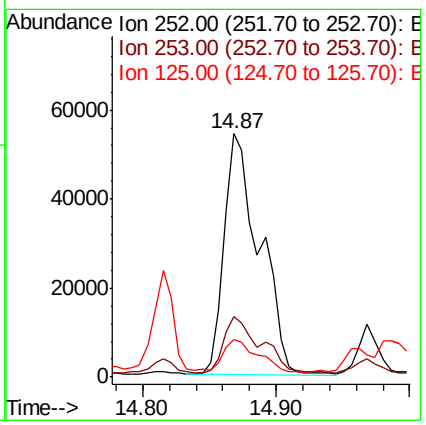


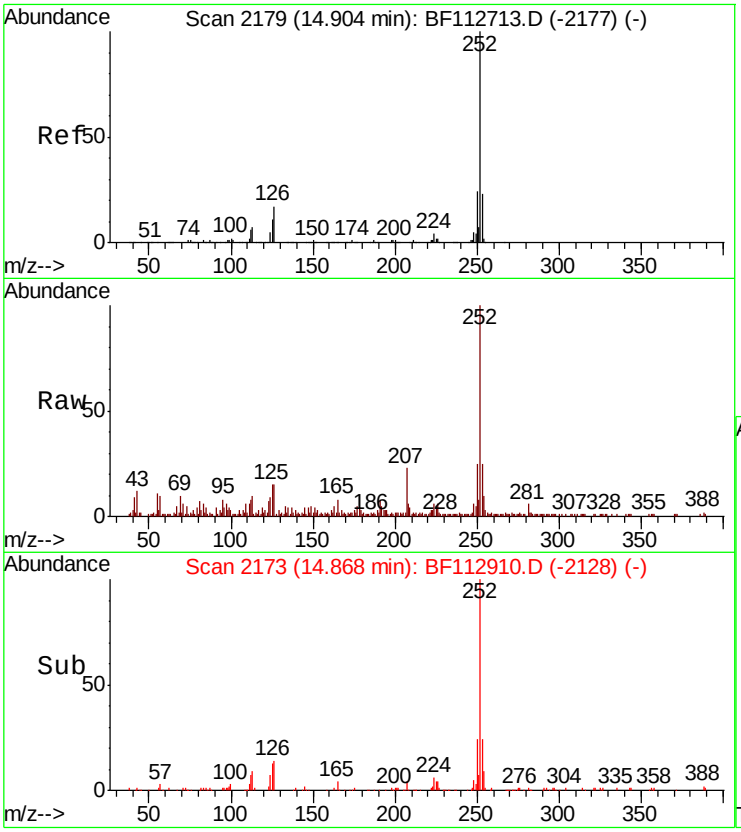


#88
Benzo(b)fluoranthene
Concen: 2.930 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Tgt Ion:252 Resp: 100735

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	15.2	10.2	15.2





#89
Benzo(k)fluoranthene
Concen: 3.235 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF112910.D
Acq: 7 Mar 2019 4:49

Instrument :
BNA_F
ClientSampleId :
PST-028-B101-022719

Tgt Ion:252 Resp: 100735

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	15.2	9.8	14.6#