Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
Data File : BF111022.D
Acq On : 27 Nov 2018 21:00
Operator : JU/SJ
Sample : J6003-03REDL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-03R-ADL

Quant Time: Nov 28 01:00:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	51529	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	187319	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	78789	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	151333	20.00	ng		0.00
76) Chrysene-d12	14.14	240	124758	20.00	ng		0.00
87) Perylene-d12	15.67	264	78796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	81242	26.15	ng		0.01
7) Phenol-d6	6.57	99	105911	26.16	ng		0.00
23) Nitrobenzene-d5	7.51	82	51139	15.62	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	18125	23.16	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	101098	18.59	ng		0.00
79) Terphenyl-d14	13.06	244	115410	18.01	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	222	Below Cal		#	1
18) Hexachloroethane	7.46	117	14260	9.318	ng	#	1
25) Isophorone	7.73	82	10947	2.039	ng	#	1
35) Caprolactam	8.66	113	3761	4.216	ng	#	1
37) 2-Methylnaphthalene	8.94	142	383474	66.119	ng		100
38) 1-Methylnaphthalene	8.94	142	383474	67.976	ng		96
48) 2-Nitroaniline	9.57	65	6638	4.029	ng	#	39
52) Acenaphthene	10.02	154	17611	3.668	ng	#	52
54) 2,4-Dinitrophenol	10.20	184	474	4.712	ng	#	1
55) Dibenzofuran	10.19	168	21675	3.095	ng	#	64
56) 4-Nitrophenol	10.13	139	2705	7.311	ng	#	40
57) 2,4-Dinitrotoluene	10.18	165	7388	4.427	ng	#	52
58) Fluorene	10.54	166	35226	6.464	ng	#	70
66) n-Nitrosodiphenylamine	10.64	169	45331	8.998	ng	#	43
69) Atrazine	11.16	200	1226	2.327	ng	#	58
71) Phenanthrene	11.50	178	106517	13.290	ng		96
72) Anthracene	11.50	178	106163	13.006	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
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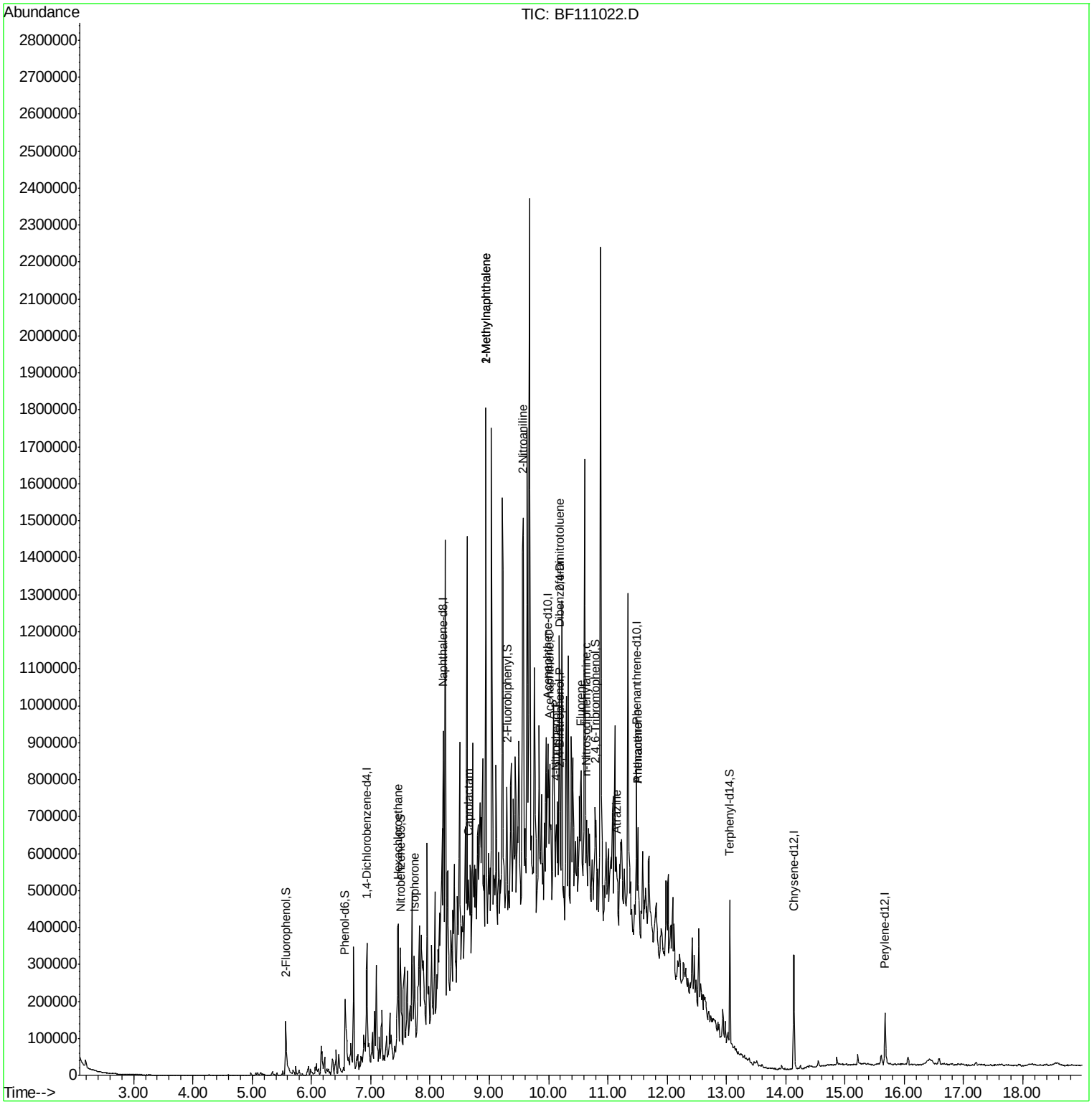
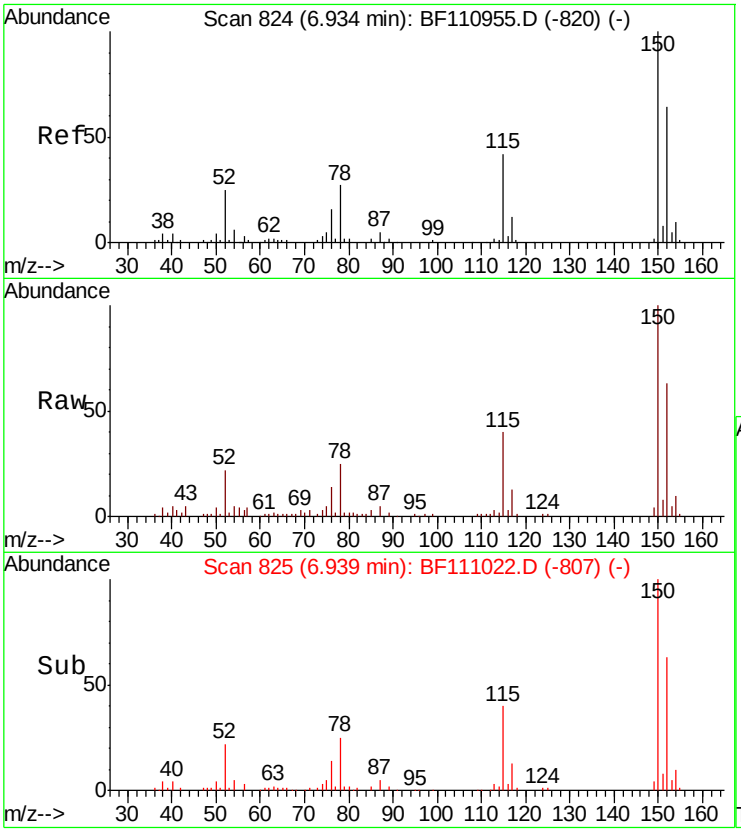
Acq On : 27 Nov 2018 21:00
Operator : JU/SJ
Sample : J6003-03REDL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Quant Time: Nov 28 01:00:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration



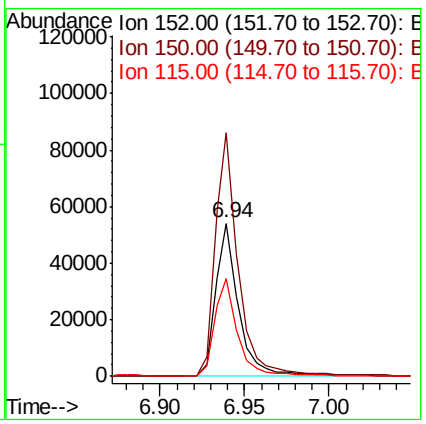


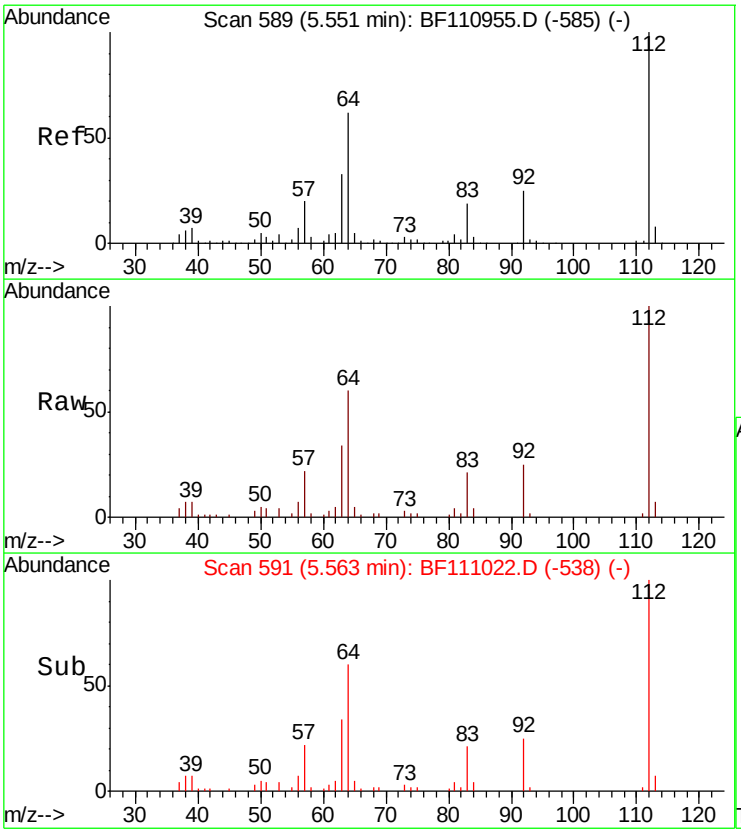
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:152 Resp: 51529

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	63.3	49.1	73.7

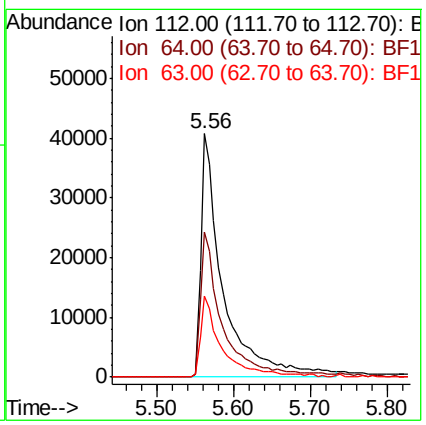


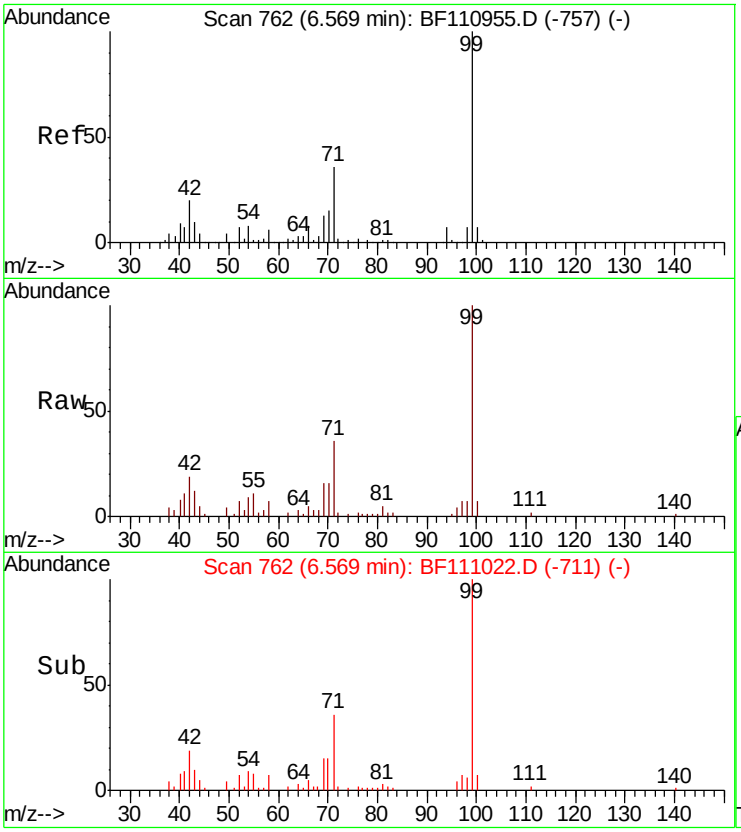


#5
2-Fluorophenol
Concen: 26.145 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:112 Resp: 81242

Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.1	66.1
63	33.5	23.7	35.5



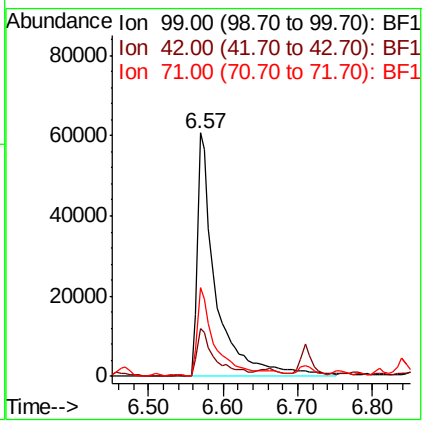


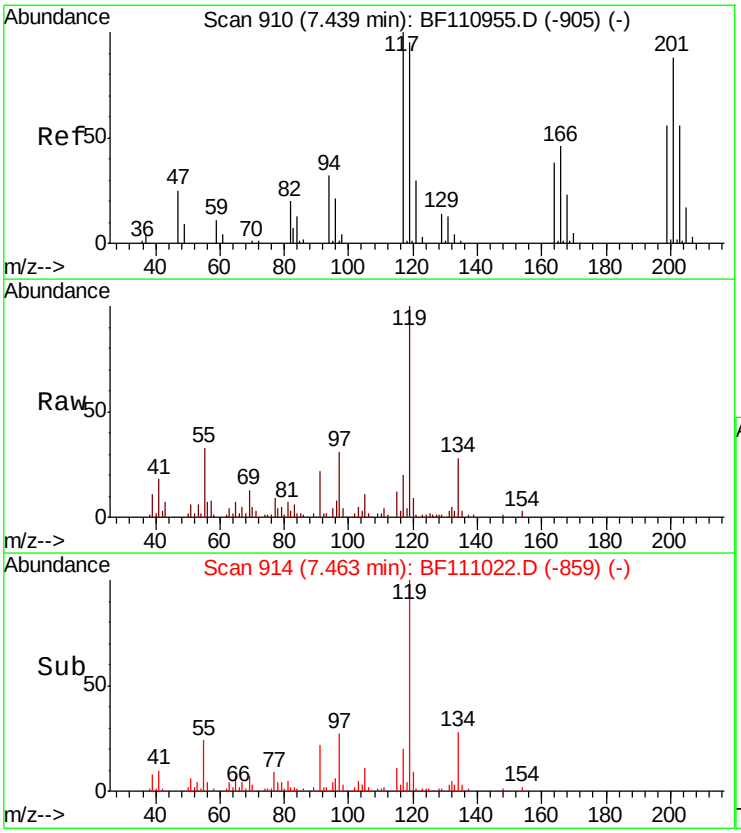
#7
Phenol-d6
Concen: 26.155 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion: 99 Resp: 105911

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	36.2	28.0	42.0

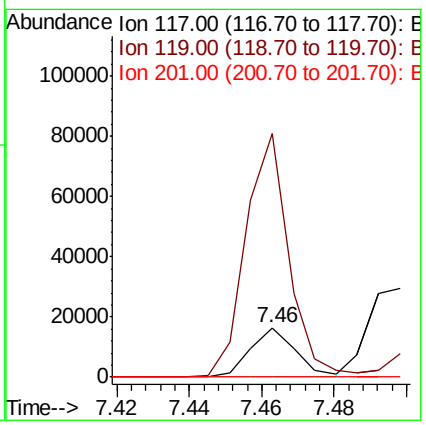


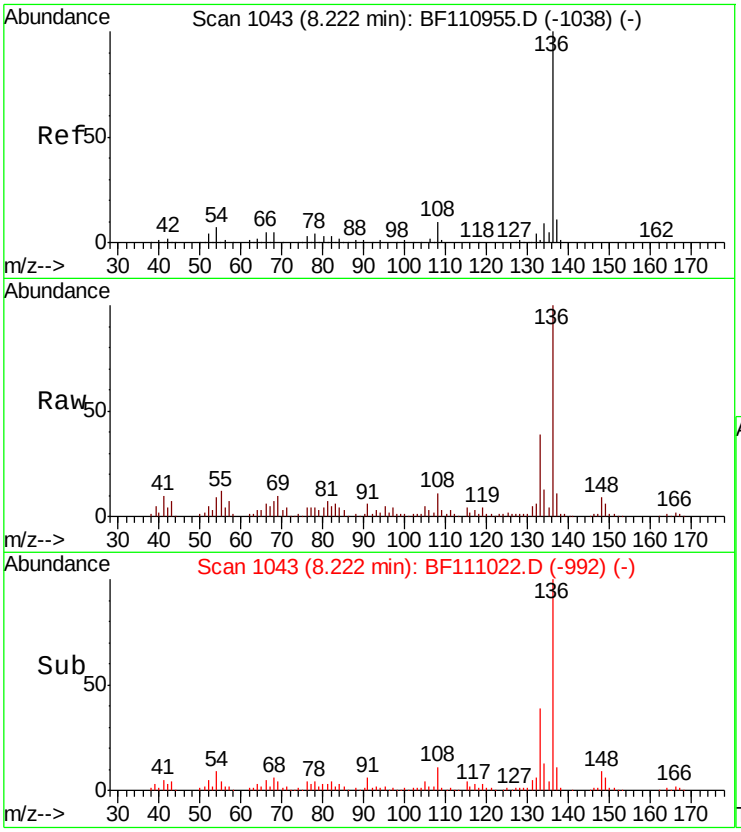


#18
Hexachloroethane
Concen: 9.318 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.02 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:117 Resp: 14260

Ion	Ratio	Lower	Upper
117	100		
119	492.2	75.0	112.6#
201	0.0	79.2	118.8#



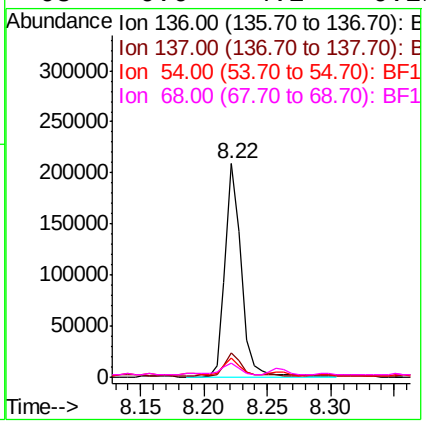


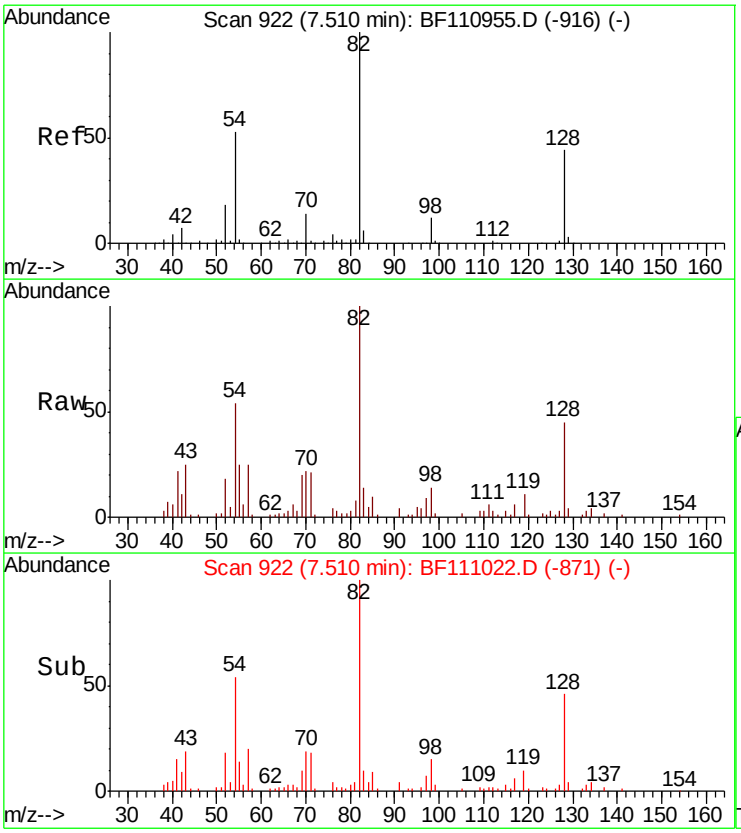
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:136 Resp: 187319

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.2	5.4	8.2#
68	6.6	4.2	6.2#

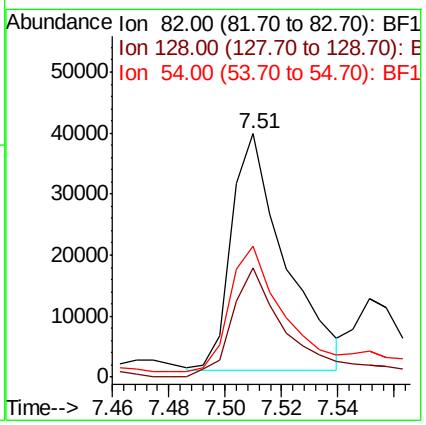


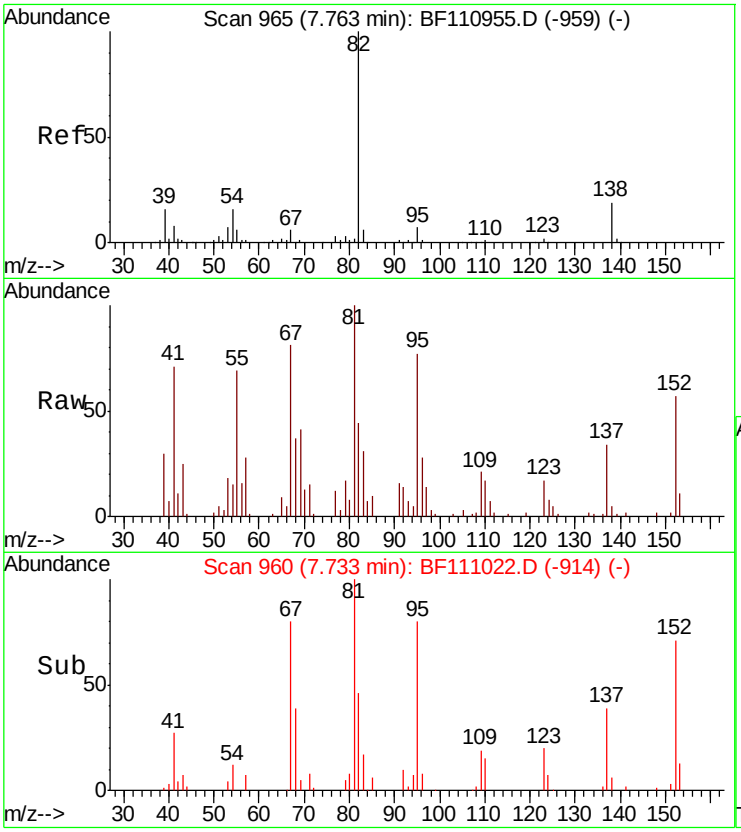


#23
Nitrobenzene-d5
Concen: 15.624 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion: 82 Resp: 51139

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	53.6	38.6	58.0



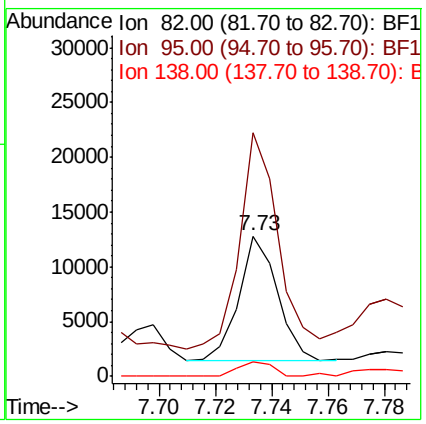


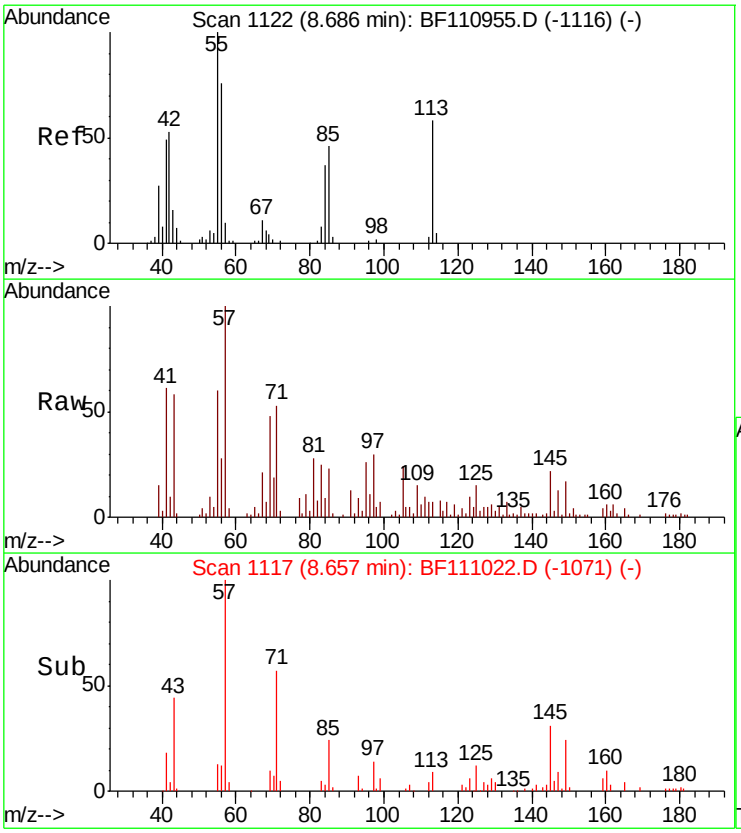
#25
Isophorone
Concen: 2.039 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.03 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion: 82 Resp: 10947

Ion	Ratio	Lower	Upper
82	100		
95	173.4	5.7	8.5#
138	10.2	13.2	19.8#

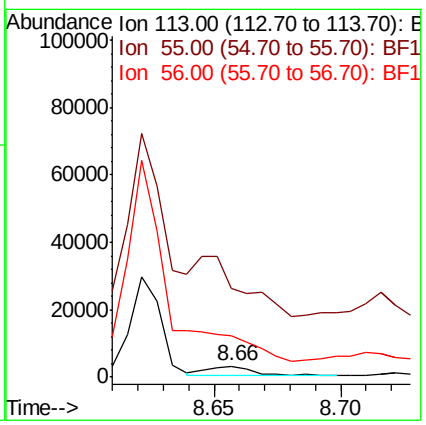


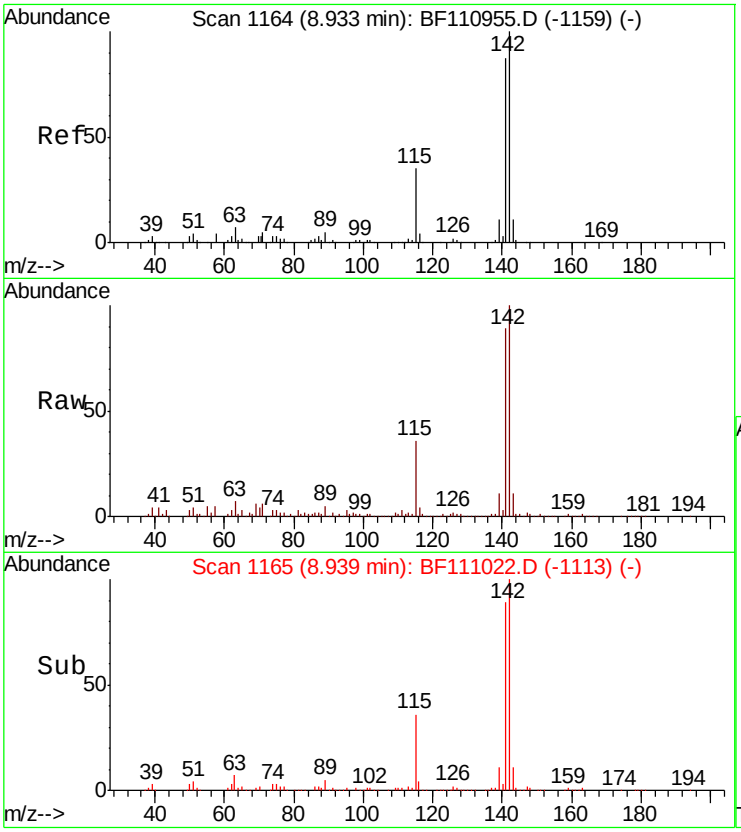


#35
Caprolactam
Concen: 4.216 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:113 Resp: 3761

Ion	Ratio	Lower	Upper
113	100		
55	834.7	142.8	182.8#
56	385.9	105.0	145.0#



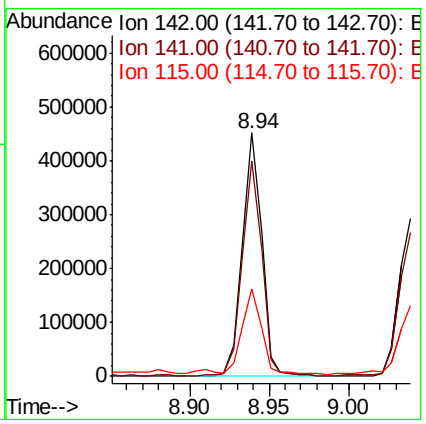


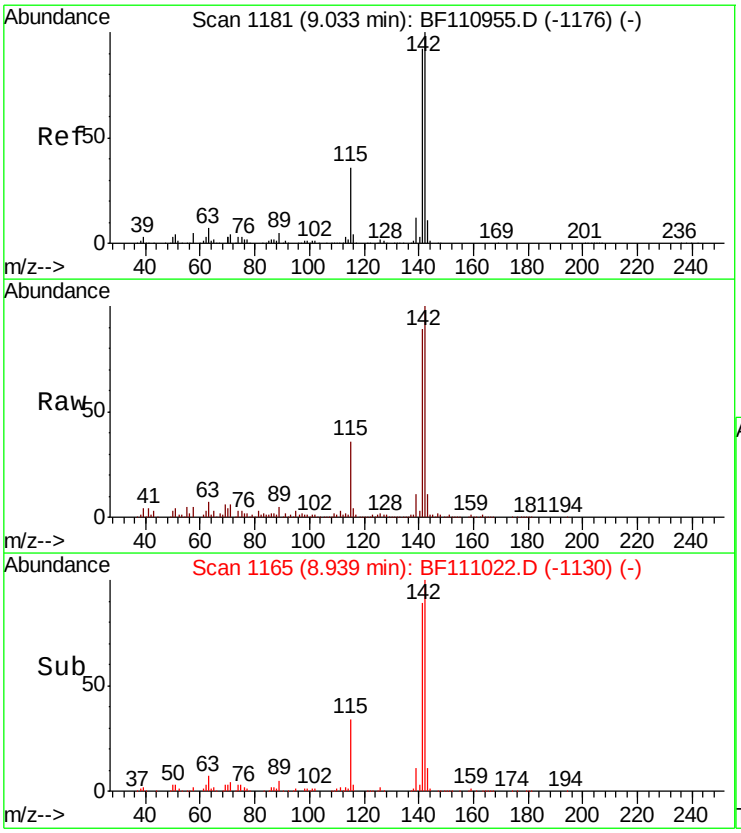
#37
2-Methylnaphthalene
Concen: 66.119 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:142 Resp: 383474

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	35.9	28.7	43.1

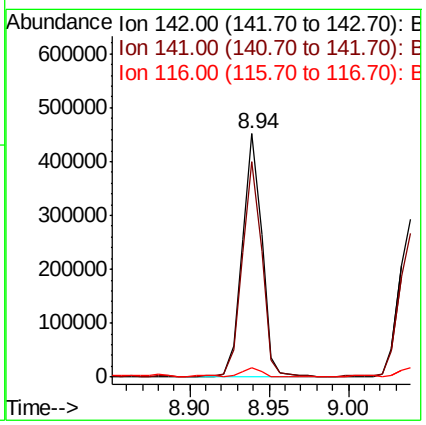


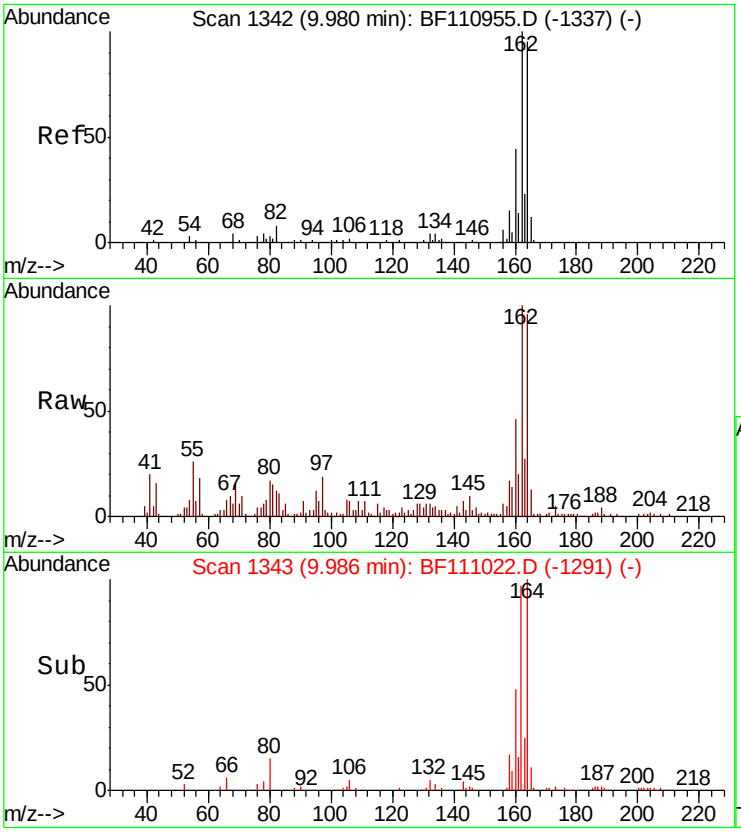


#38
1-Methylnaphthalene
Concen: 67.976 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.09 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:142 Resp: 383474

Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.2	111.4
116	3.9	2.6	4.0



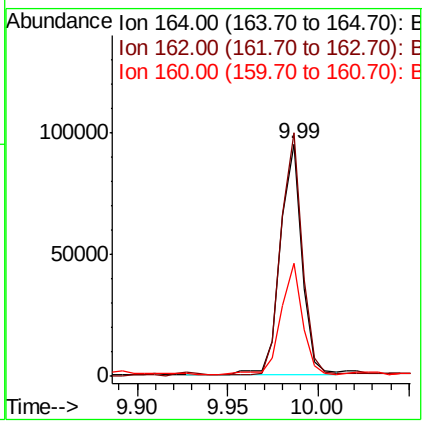


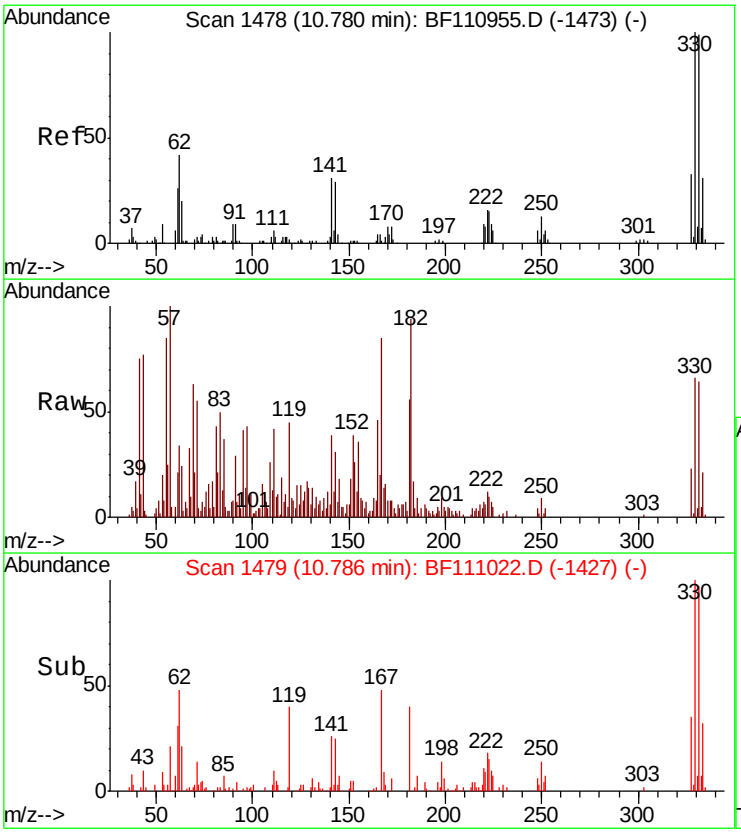
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:164 Resp: 78789

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	48.3	37.0	55.6

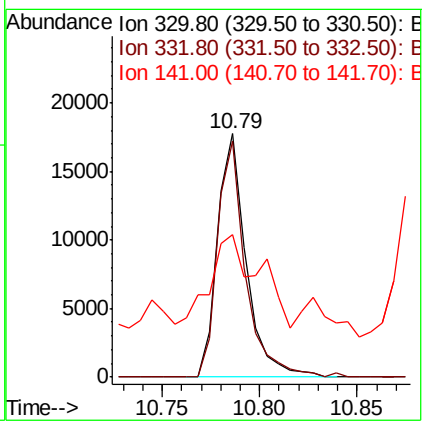


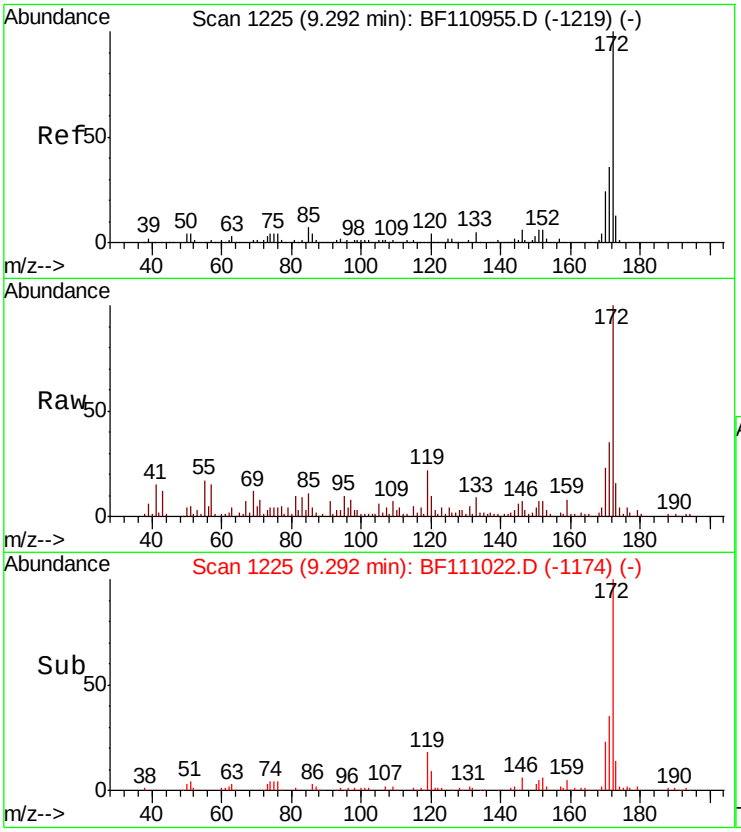


#42
2,4,6-Tribromophenol
Concen: 23.163 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:330 Resp: 18125

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	64.7	27.0	40.4#



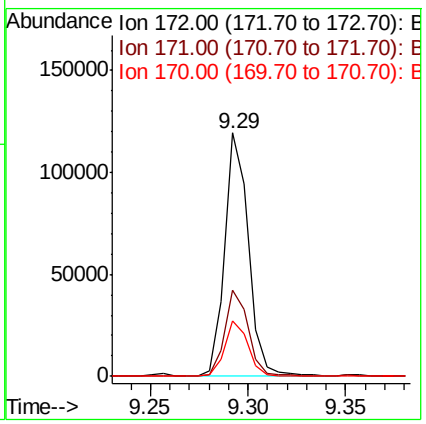


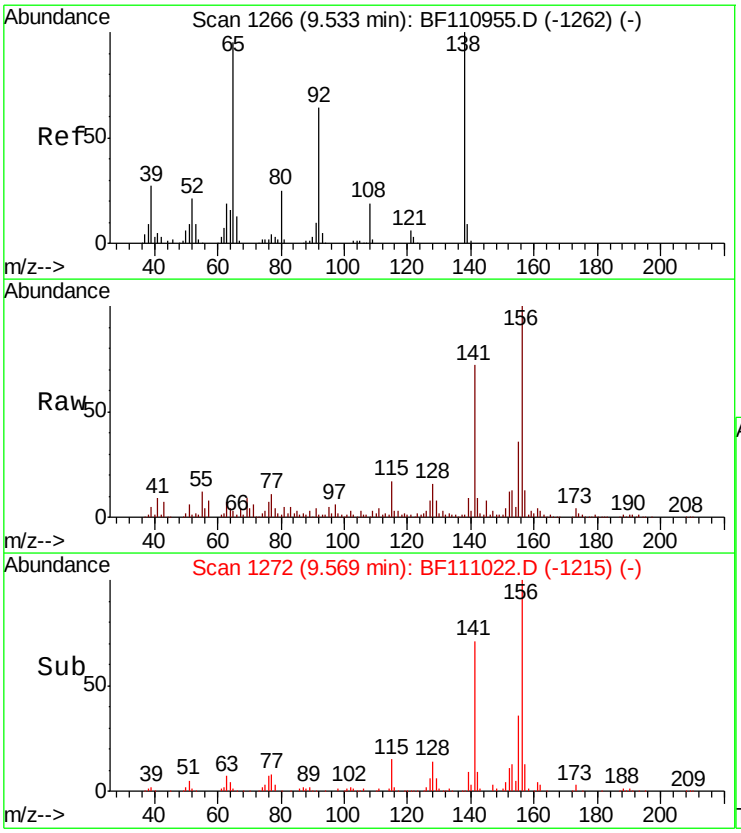
#45
2-Fluorobiphenyl
Concen: 18.590 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:172 Resp: 101098

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.0	19.7	29.5

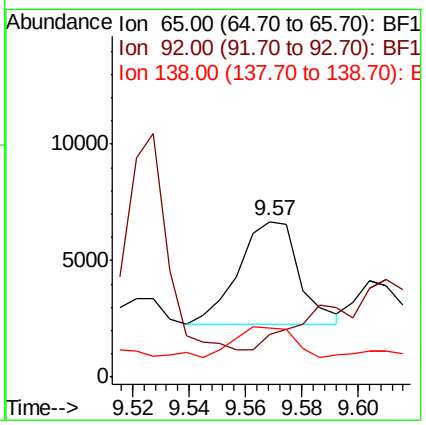


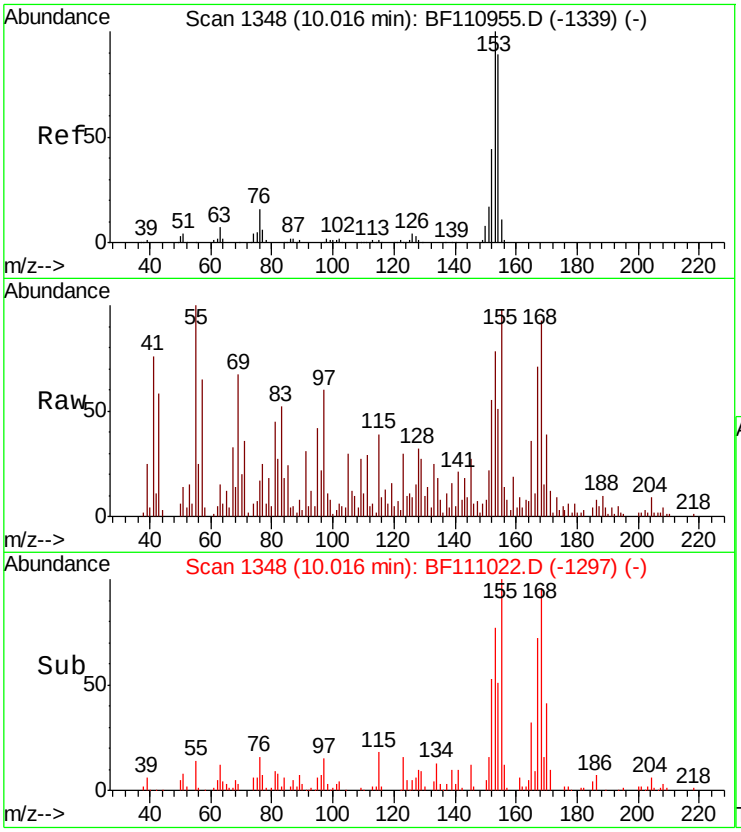


#48
2-Nitroaniline
Concen: 4.029 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.04 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion: 65 Resp: 6638

Ion	Ratio	Lower	Upper
65	100		
92	27.2	54.6	81.8#
138	31.3	80.3	120.5#



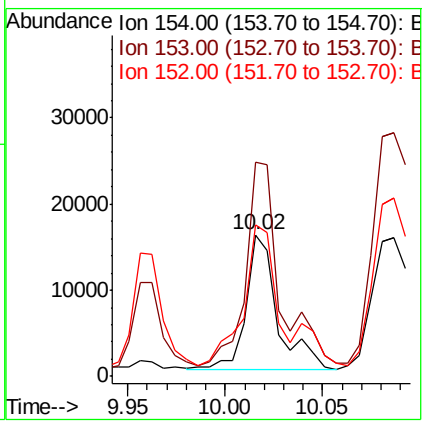


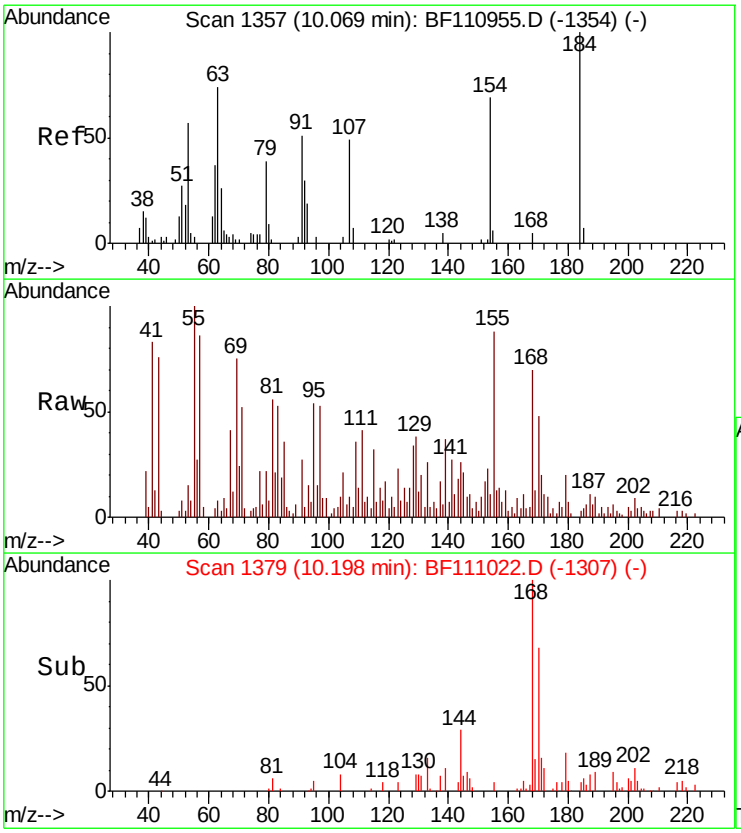
#52
Acenaphthene
Concen: 3.668 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:154 Resp: 17611

Ion	Ratio	Lower	Upper
154	100		
153	151.5	90.1	135.1#
152	107.0	43.4	65.2#

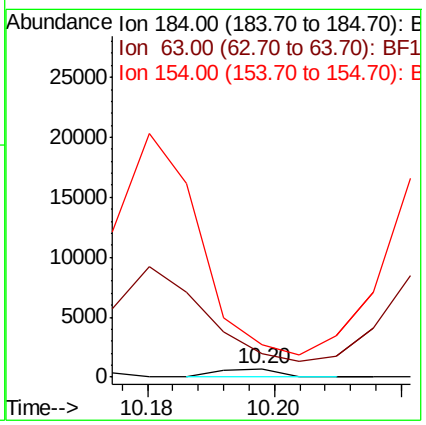


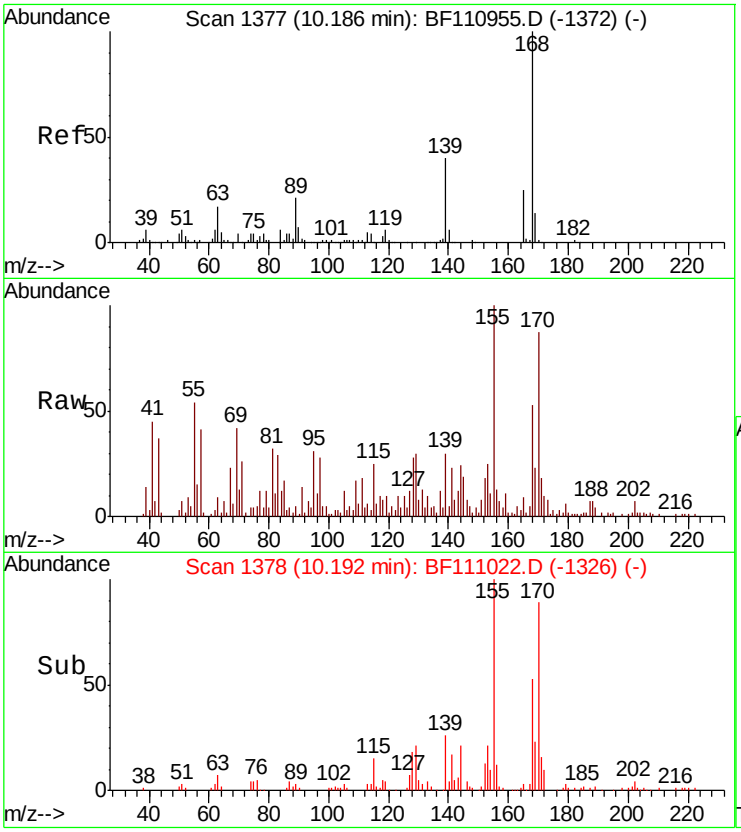


#54
2,4-Dinitrophenol
Concen: 4.712 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.12 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:184 Resp: 474

Ion	Ratio	Lower	Upper
184	100		
63	262.6	55.8	83.6#
154	366.3	63.2	94.8#



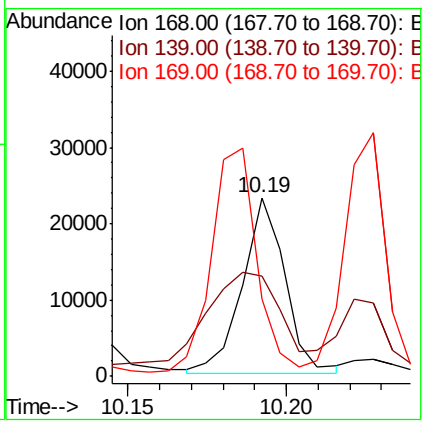


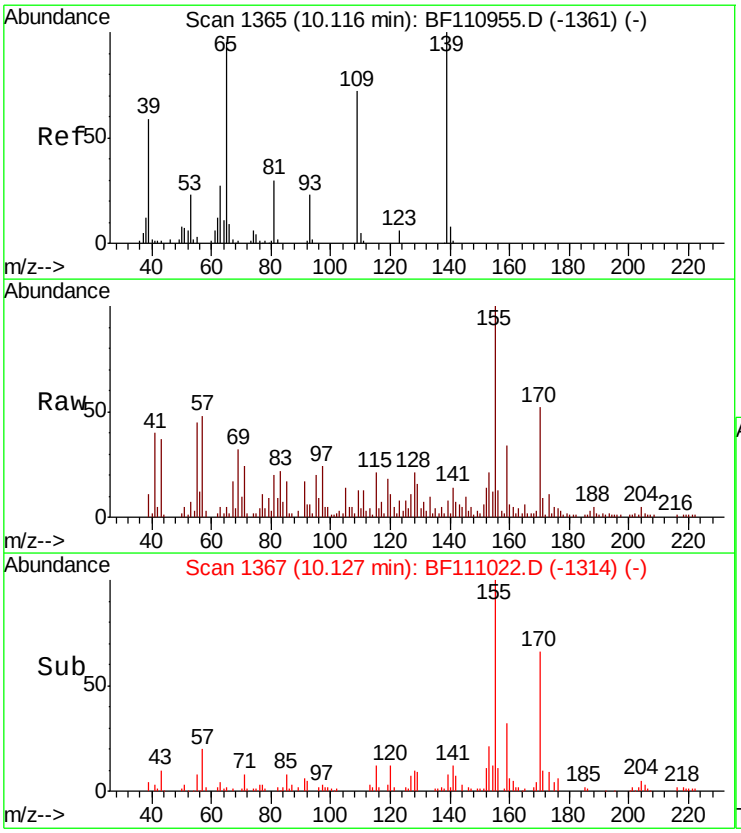
#55
Dibenzofuran
Concen: 3.095 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:168 Resp: 21675

Ion	Ratio	Lower	Upper
168	100		
139	56.1	33.0	49.6#
169	43.3	11.3	16.9#

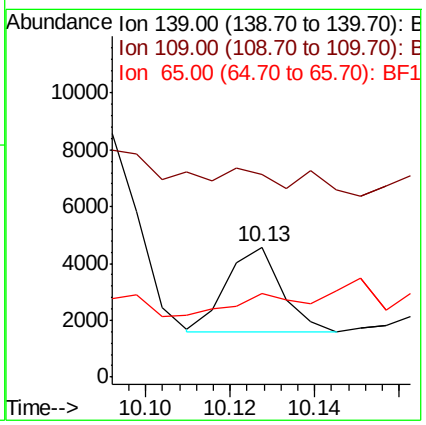


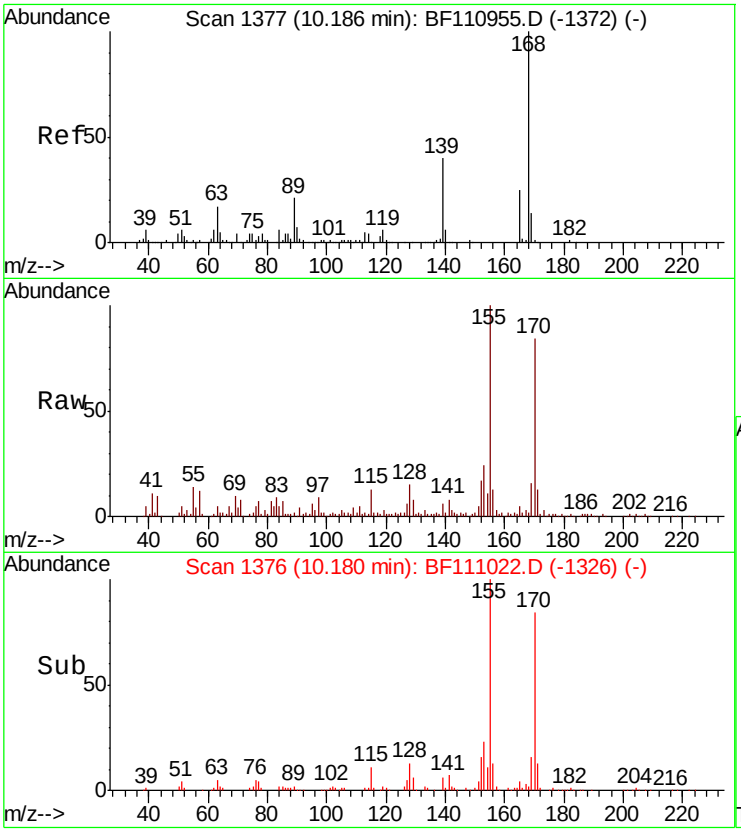


#56
4-Nitrophenol
Concen: 7.311 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:139 Resp: 2705

Ion	Ratio	Lower	Upper
139	100		
109	156.7	55.8	95.8#
65	64.6	77.9	117.9#



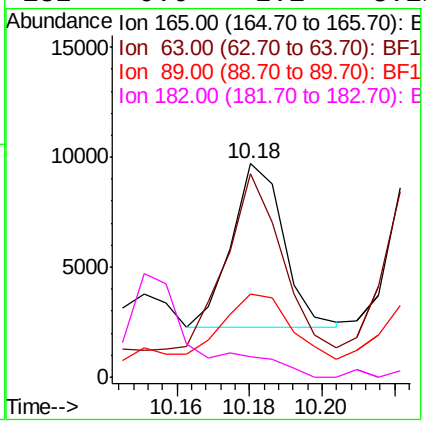


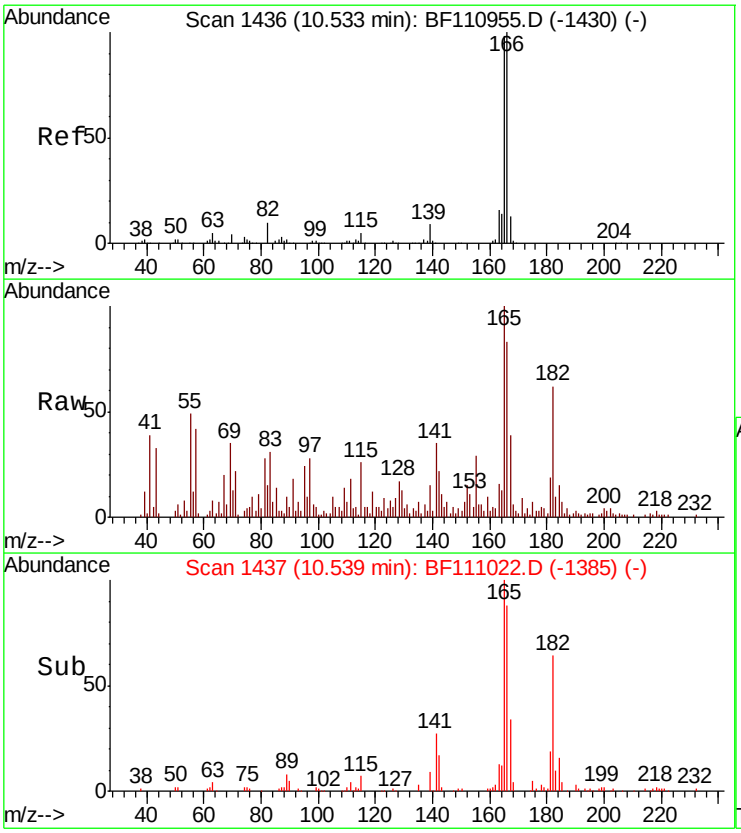
#57
2,4-Dinitrotoluene
Concen: 4.427 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:165 Resp: 7388

Ion	Ratio	Lower	Upper
165	100		
63	95.1	44.8	67.2#
89	39.2	62.2	93.4#
182	9.6	2.1	3.1#

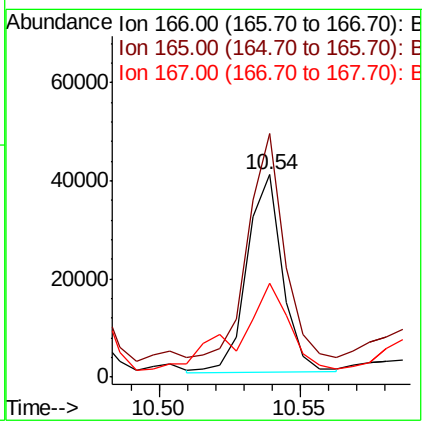


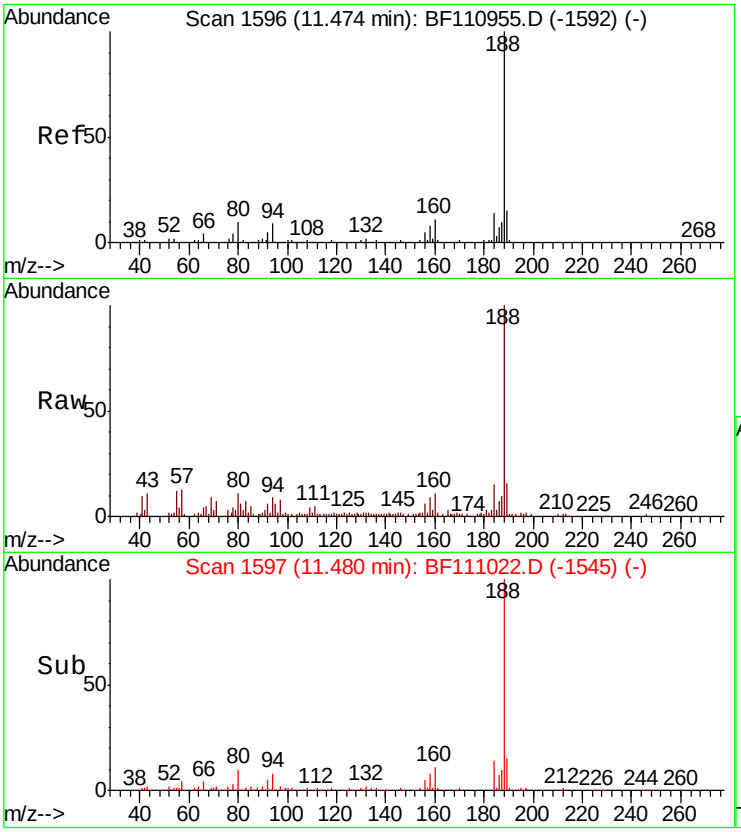


#58
Fluorene
Concen: 6.464 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:166 Resp: 35226

Ion	Ratio	Lower	Upper
166	100		
165	120.4	78.6	117.8#
167	46.7	10.8	16.2#



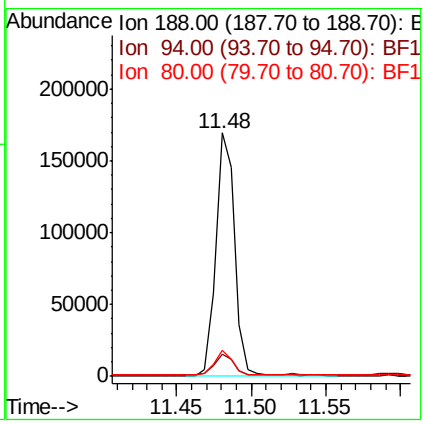


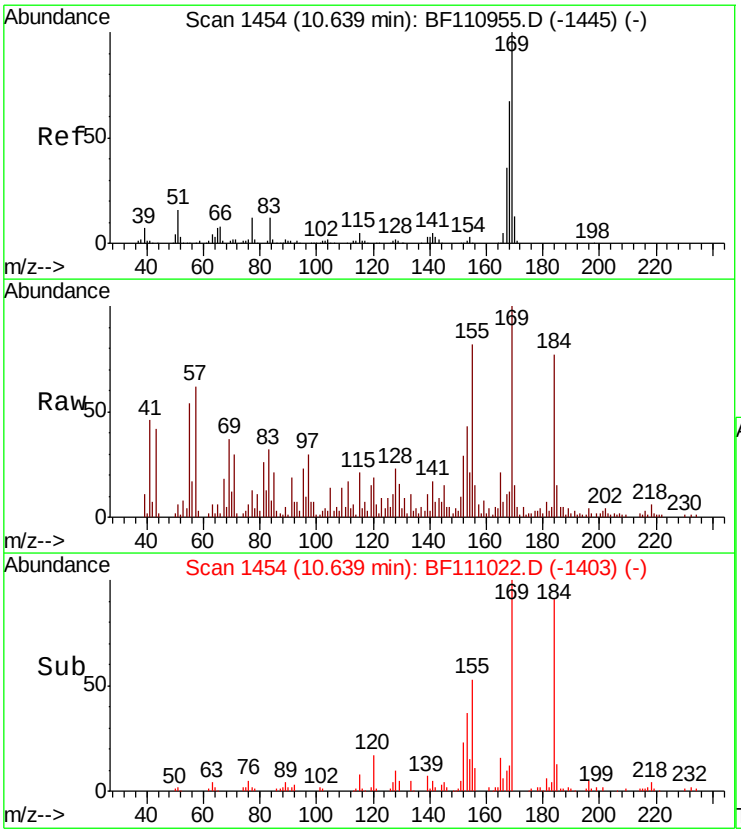
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:188 Resp: 151333

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.8	7.9	11.9

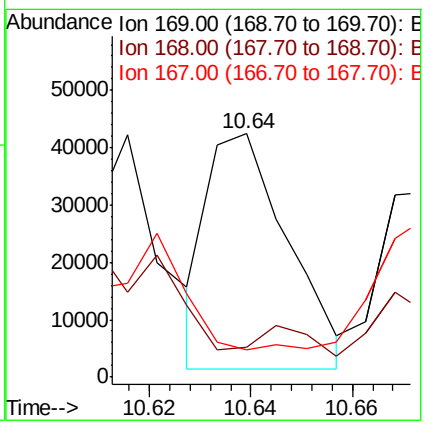


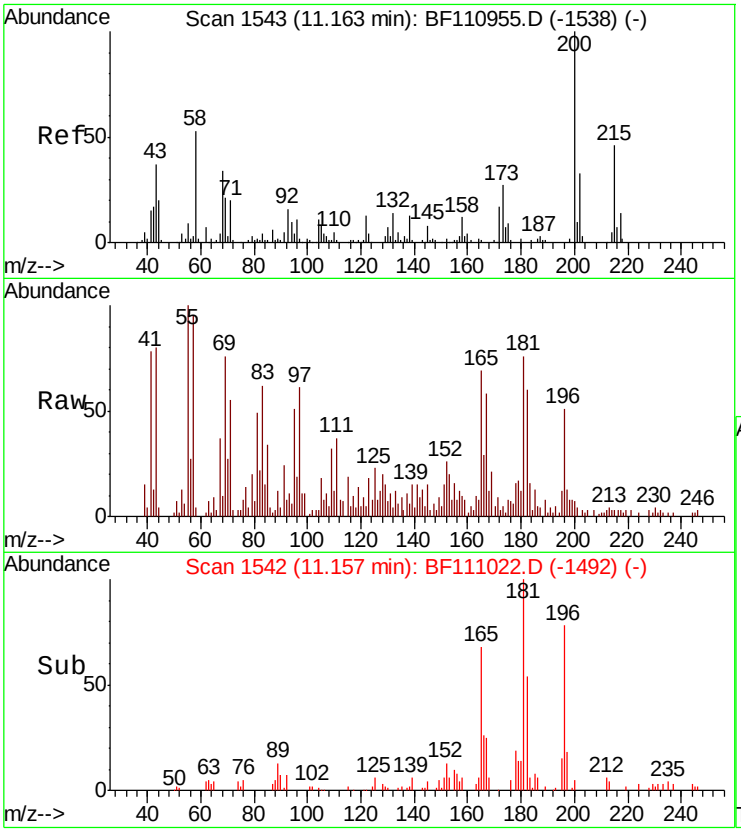


#66
n-Nitrosodiphenylamine
Concen: 8.998 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:169 Resp: 45331

Ion	Ratio	Lower	Upper
169	100		
168	12.1	51.2	76.8#
167	11.1	27.8	41.6#



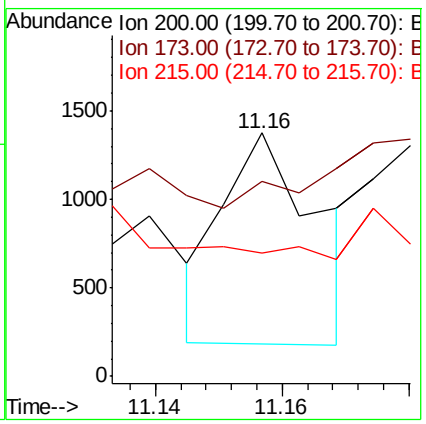


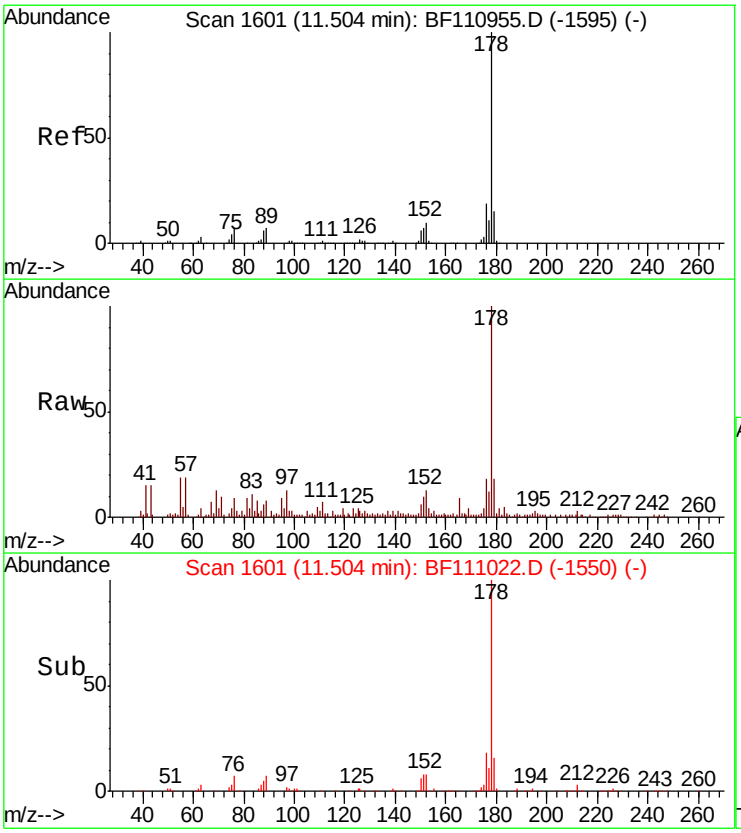
#69
Atrazine
Concen: 2.327 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:200 Resp: 1226

Ion	Ratio	Lower	Upper
200	100		
173	80.1	6.6	46.6#
215	50.6	26.3	66.3

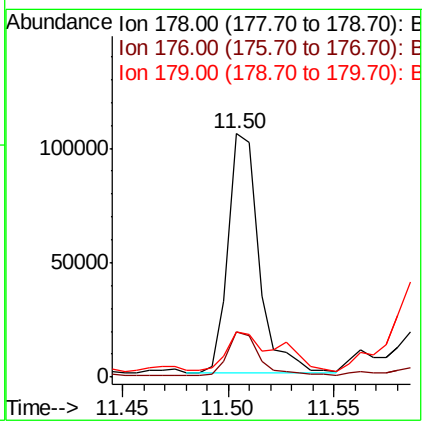


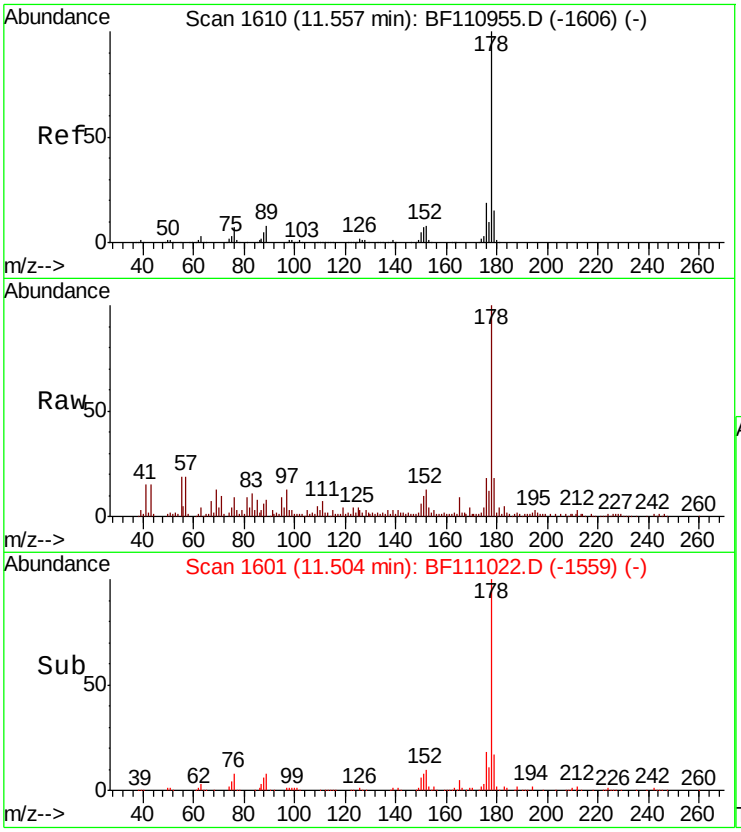


#71
Phenanthrene
Concen: 13.290 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:178 Resp: 106517

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	18.4	12.5	18.7



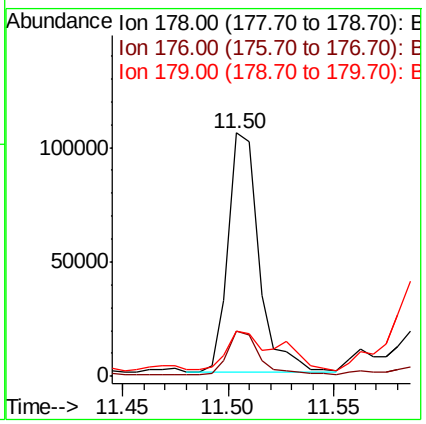


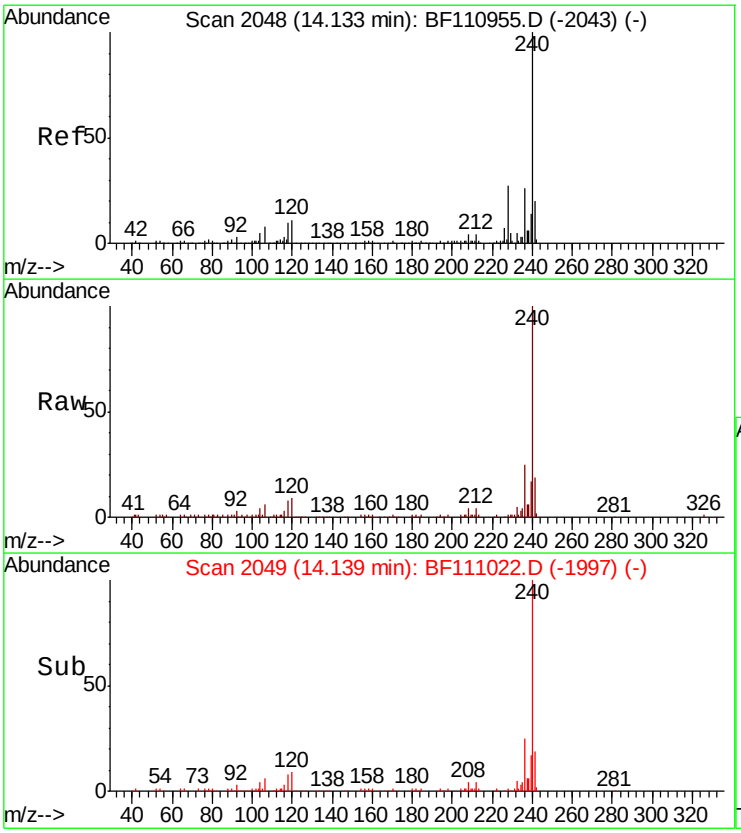
#72
Anthracene
Concen: 13.006 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.05 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:178 Resp: 106163

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	18.4	12.6	18.8

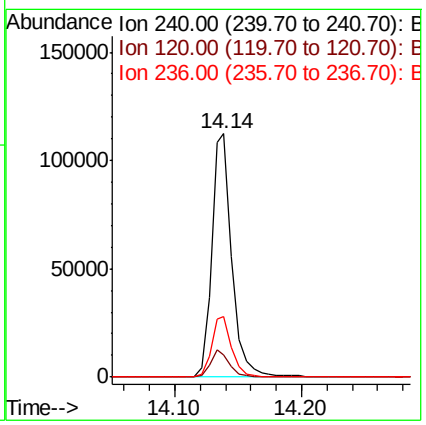


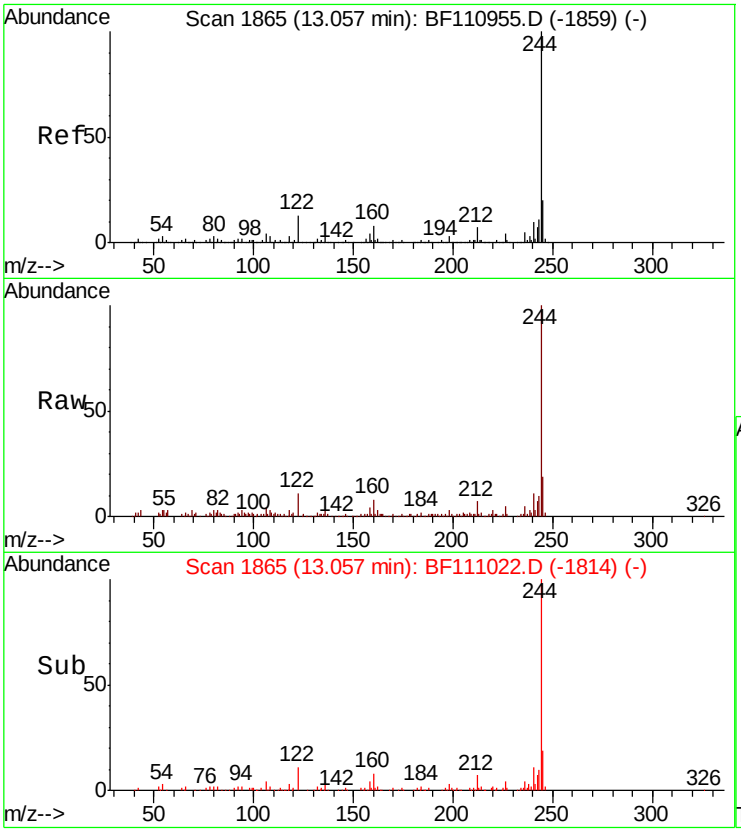


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:240 Resp: 124758

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	25.1	21.2	31.8



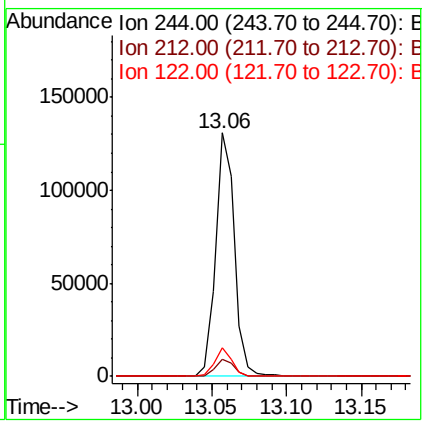


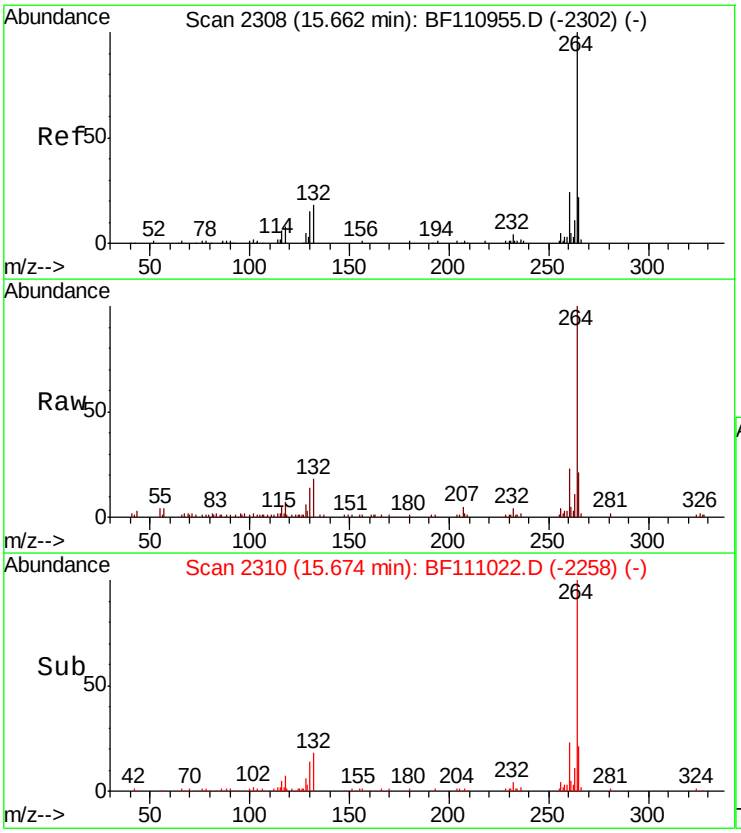
#79
Terphenyl-d14
Concen: 18.008 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Tgt Ion:244 Resp: 115410

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.5	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:264 Resp: 78796

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.7	25.1