Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111783.D
Acq On : 28 Dec 2018 1:31
Operator : JU/SJ
Sample : J6426-16DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS013C-3036-01DL

Quant Time: Dec 28 07:38:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	120144	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	406656	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	179308	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	304637	20.00	ng		0.02
76) Chrysene-d12	14.07	240	253706	20.00	ng		0.02
87) Perylene-d12	15.56	264	196757	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	99336	14.09	ng		0.03
7) Phenol-d6	6.55	99	166048	18.51	ng		0.02
23) Nitrobenzene-d5	7.46	82	144486	20.68	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	47711	22.52	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	266261	21.64	ng		0.00
79) Terphenyl-d14	13.01	244	246426	18.42	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.46	77	21653	3.510	ng	#	1
10) Phenol	6.56	94	31793	3.141	ng		98
17) 2-Methylphenol	7.16	107	12655	2.024	ng	#	59
18) Hexachloroethane	7.44	117	33622	10.872	ng	#	1
20) 3+4-Methylphenols	7.31	107	25043	3.170	ng	#	66
22) Acetophenone	7.30	105	85387	8.288	ng	#	42
30) 1,2,4-Trichlorobenzene	8.13	180	123697	17.629	ng		98
31) Naphthalene	8.21	128	391759	20.050	ng		97
33) 4-Chloroaniline	8.21	127	54655	6.472	ng	#	34
35) Caprolactam	8.61	113	24809	11.628	ng	#	22
37) 2-Methylnaphthalene	8.90	142	378472	29.772	ng		99
38) 1-Methylnaphthalene	8.90	142	378472	30.999	ng		97
46) 1,1'-Biphenyl	9.36	154	67547	4.463	ng		92
54) 2,4-Dinitrophenol	9.88	184	310	7.643	ng	#	1
56) 4-Nitrophenol	10.05	139	13174	6.191	ng	#	43
58) Fluorene	10.49	166	31376	2.669	ng	#	89
65) 4,6-Dinitro-2-methylphenol	10.52	198	585	7.093	ng	#	1
66) n-Nitrosodiphenylamine	10.60	169	48823	4.774	ng	#	45
71) Phenanthrene	11.46	178	120989	7.489	ng		95
72) Anthracene	11.46	178	120989	7.461	ng		96

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

Quantitation Report (Not Reviewed)

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P001-SS013C-3036-01DL

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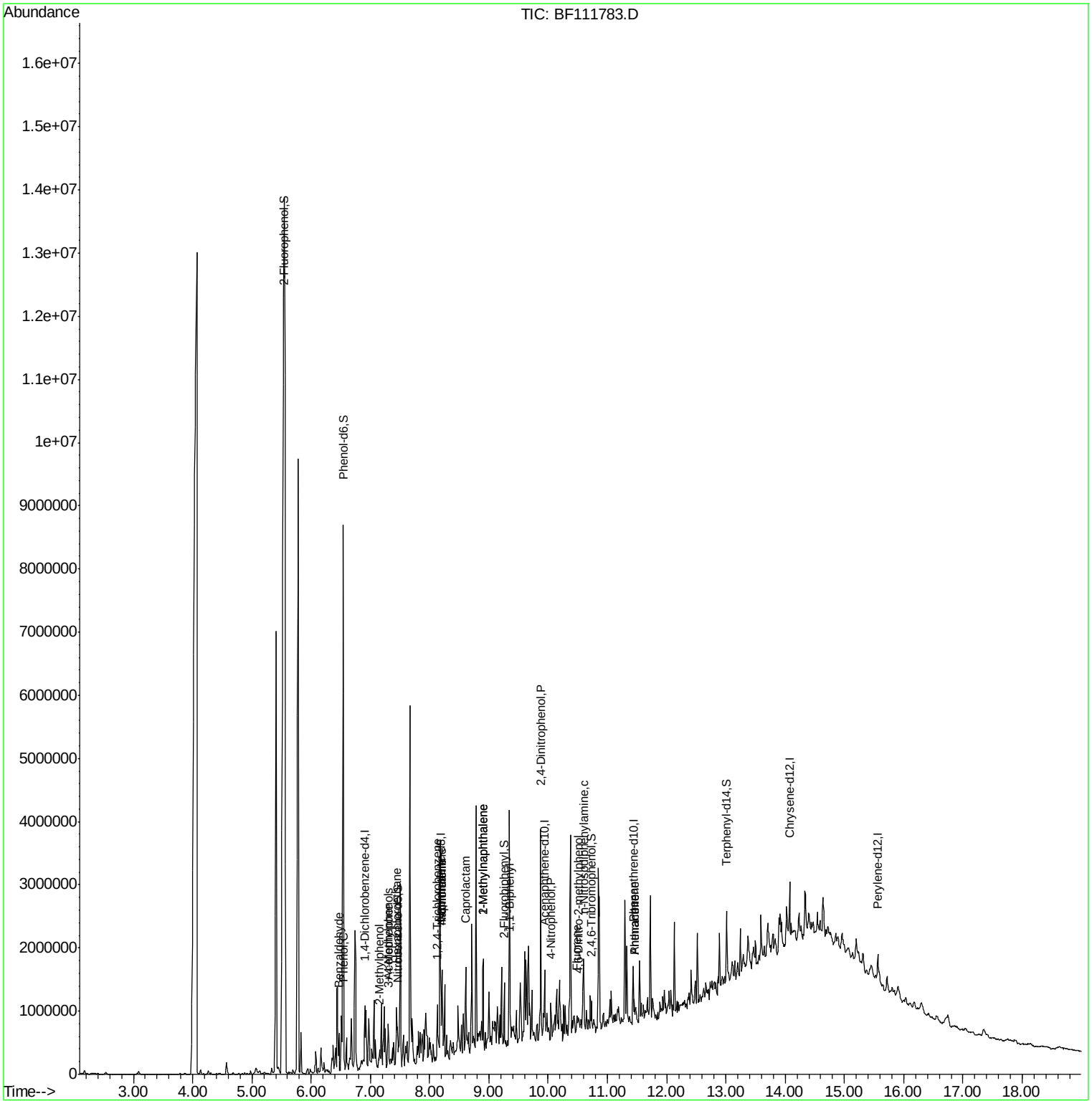
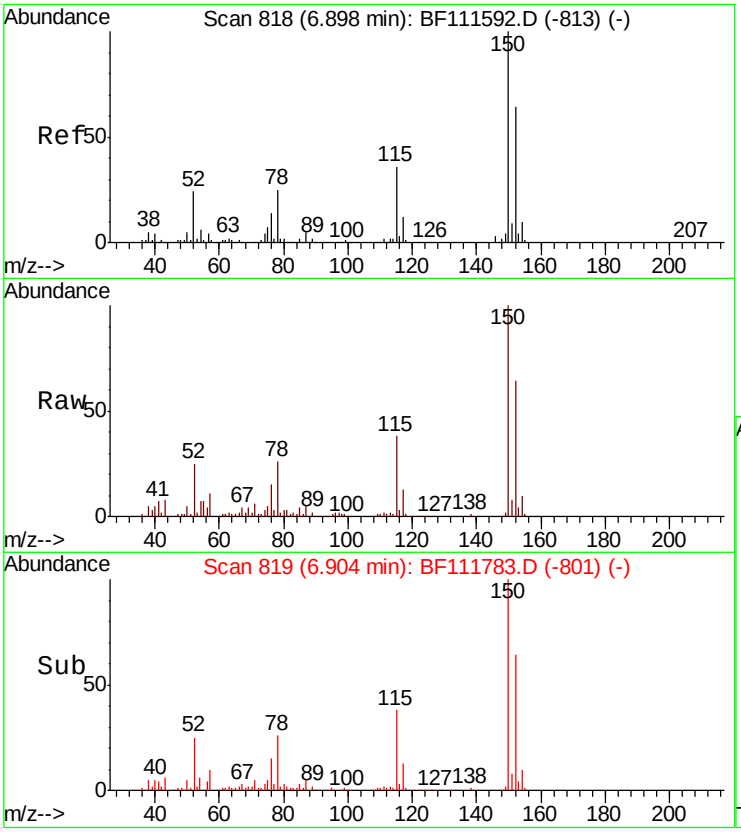


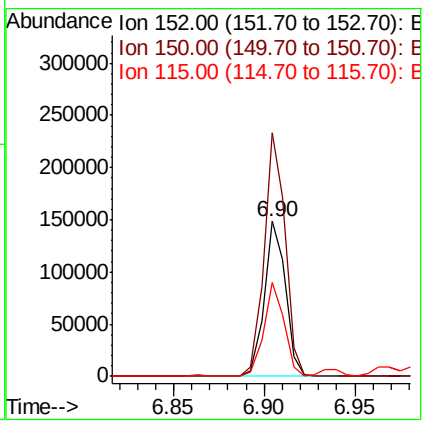


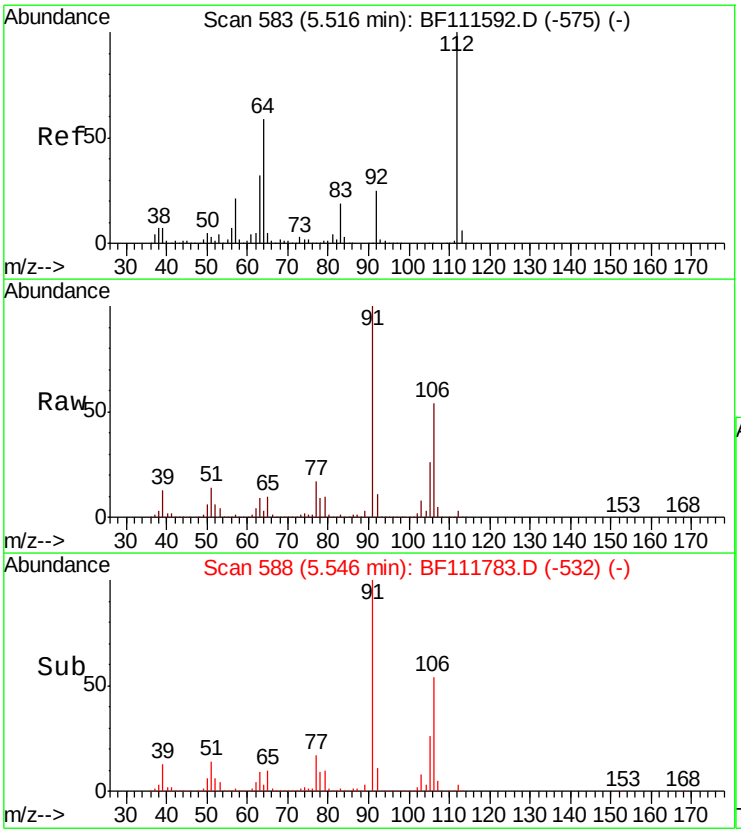
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:152 Resp: 120144

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	60.4	50.7	76.1

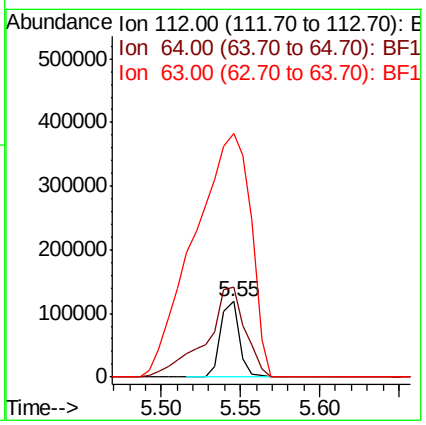


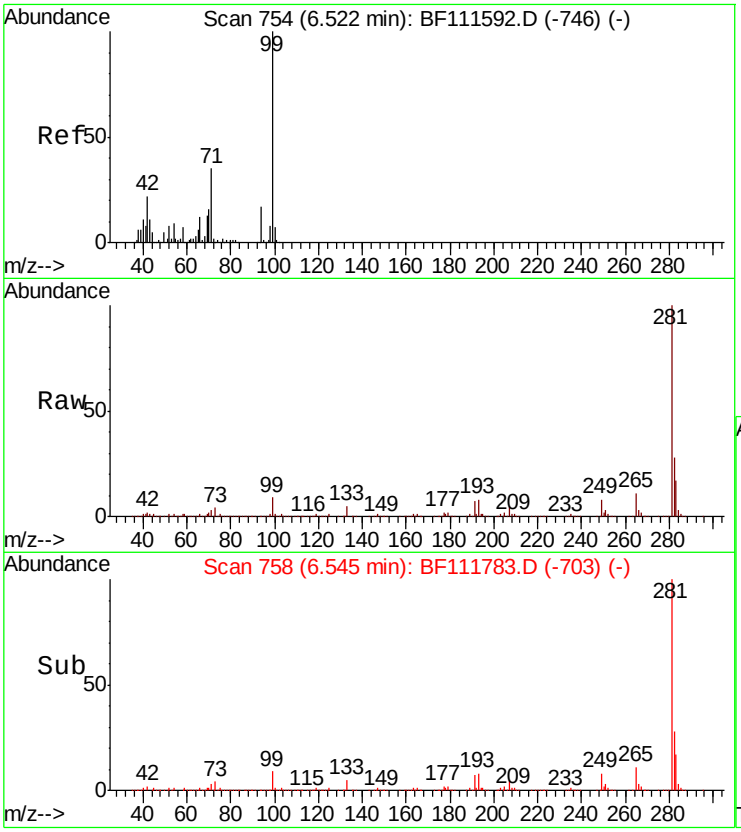


#5
2-Fluorophenol
Concen: 14.093 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:112 Resp: 99336

Ion	Ratio	Lower	Upper
112	100		
64	118.2	51.8	77.6#
63	321.5	26.8	40.2#



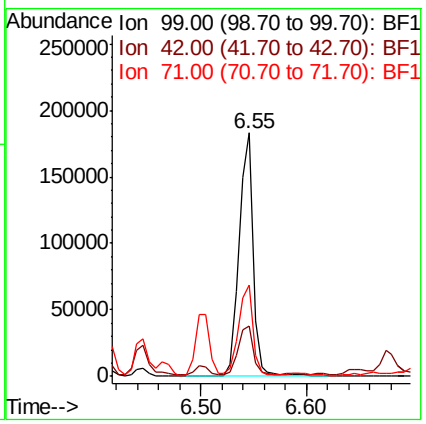


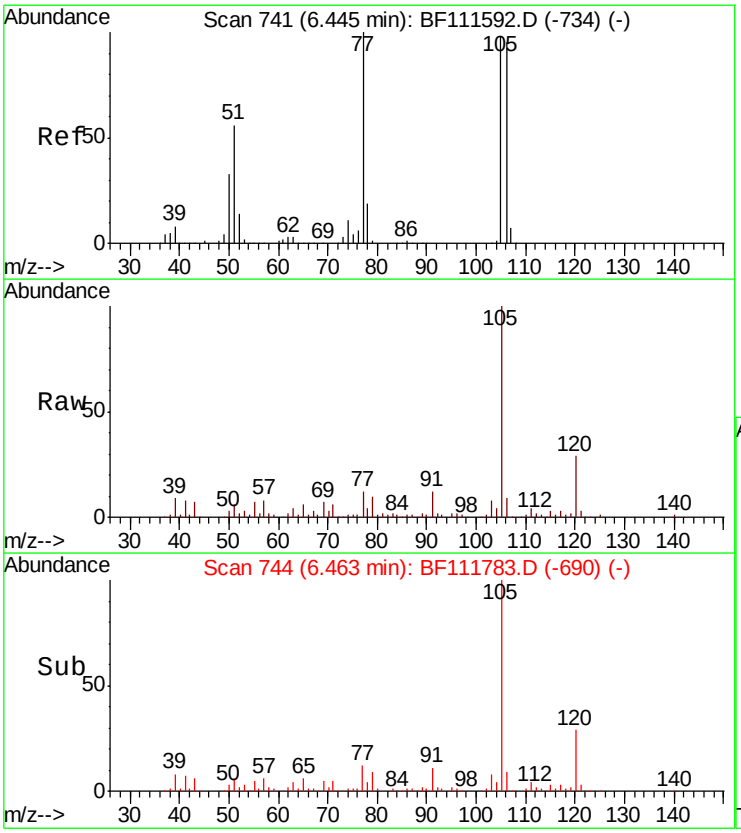
#7
Phenol-d6
Concen: 18.511 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion: 99 Resp: 166048

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.4	26.0
71	37.6	26.1	39.1

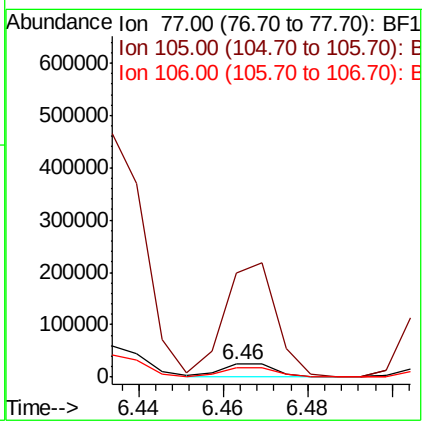


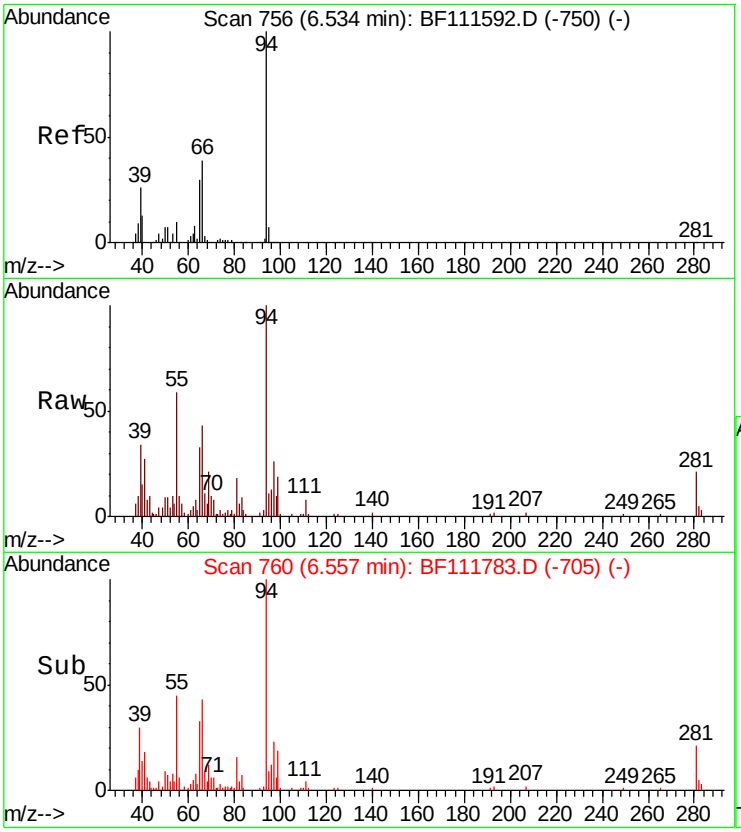


#9
Benzaldehyde
Concen: 3.510 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion: 77 Resp: 21653

Ion	Ratio	Lower	Upper
77	100		
105	819.7	81.4	121.4#
106	74.2	77.9	117.9#



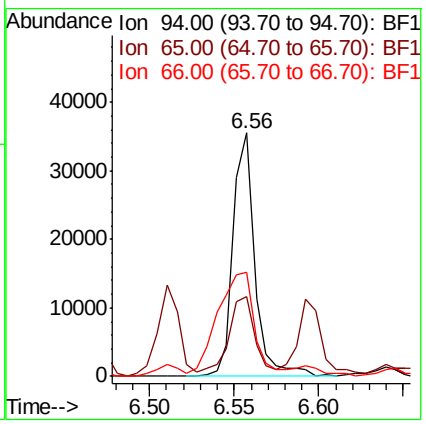


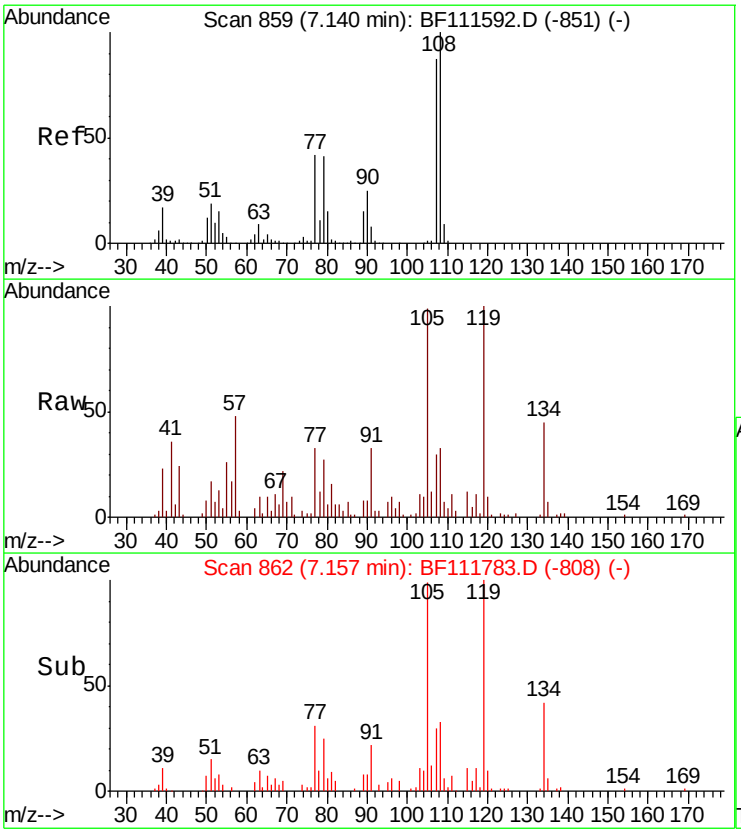
#10
Phenol
Concen: 3.141 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion: 94 Resp: 31793

Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.7	51.7
66	42.5	21.0	61.0

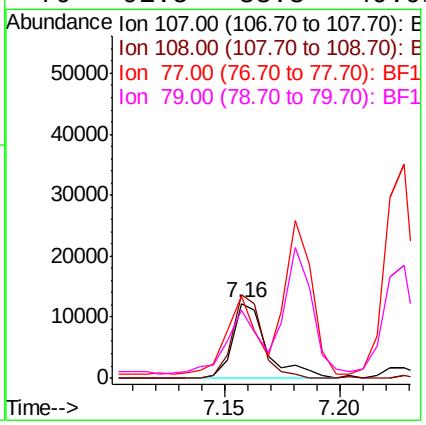


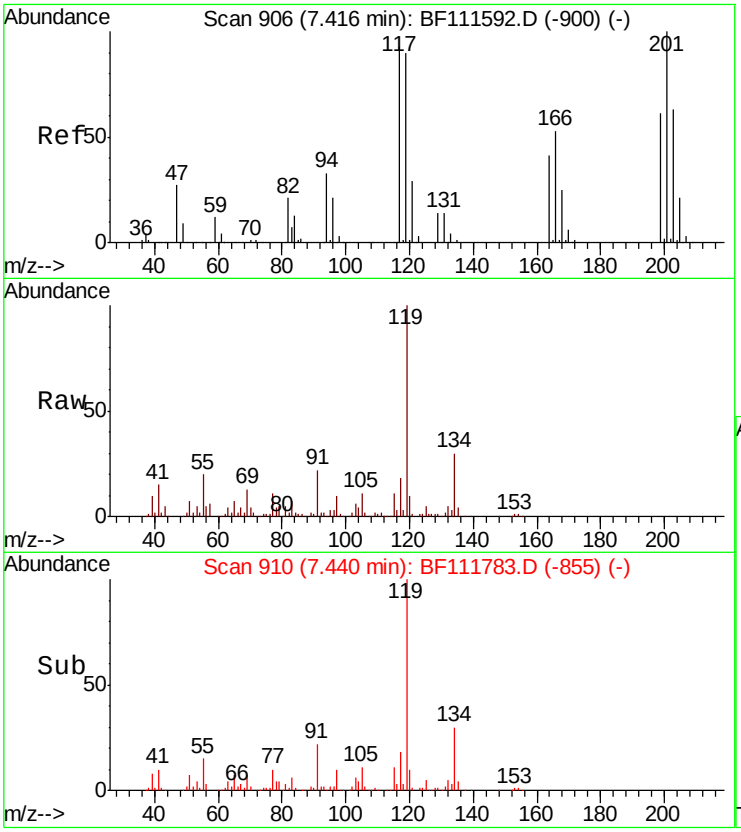


#17
2-Methylphenol
Concen: 2.024 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:107 Resp: 12655

Ion	Ratio	Lower	Upper
107	100		
108	110.7	91.0	136.4
77	109.8	33.5	50.3#
79	91.5	33.3	49.9#



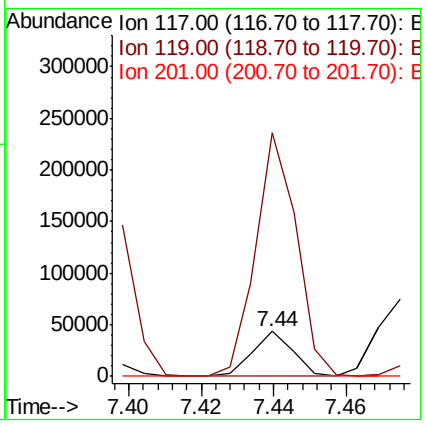


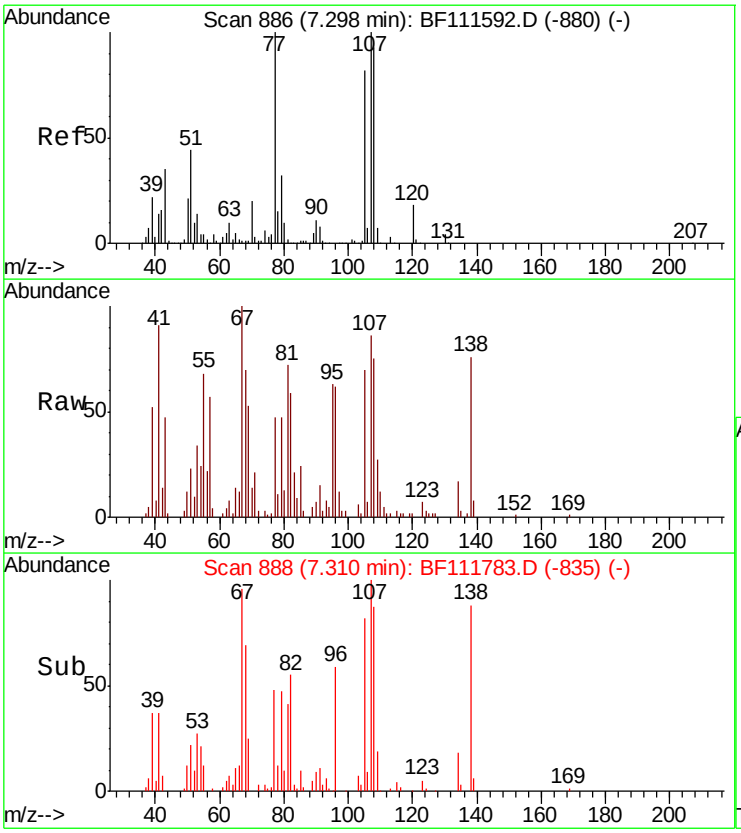
#18
Hexachloroethane
Concen: 10.872 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:117 Resp: 33622

Ion	Ratio	Lower	Upper
117	100		
119	544.9	75.4	113.0#
201	0.0	62.4	93.6#

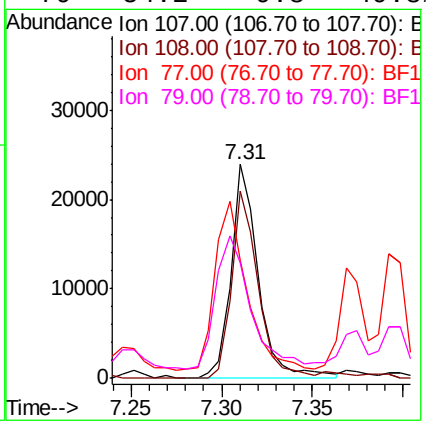


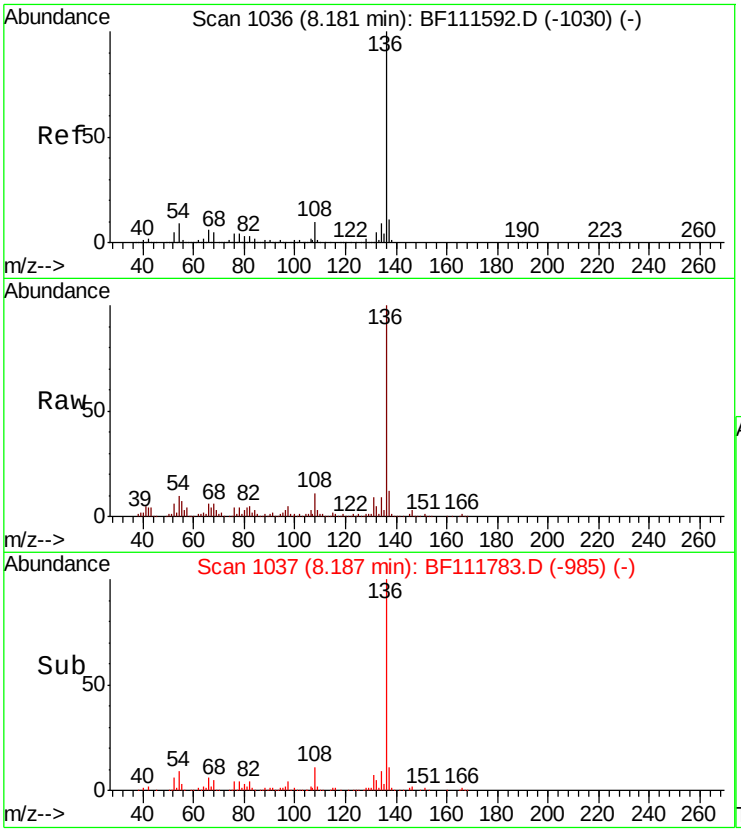


#20
3+4-Methylphenols
Concen: 3.170 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:107 Resp: 25043

Ion	Ratio	Lower	Upper
107	100		
108	87.2	72.1	112.1
77	55.0	94.1	134.1#
79	54.2	9.8	49.8#



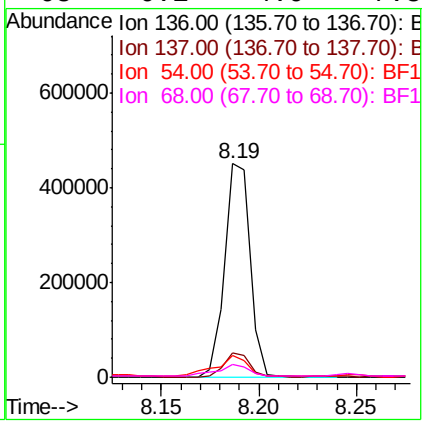


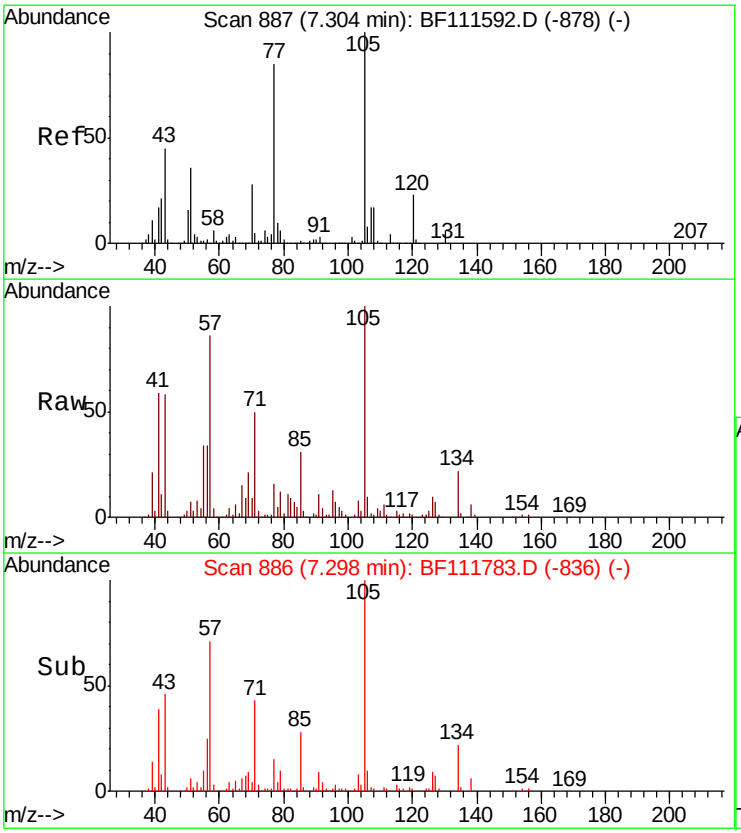
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:136 Resp: 406656

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.0	7.7	11.5
68	6.1	4.9	7.3

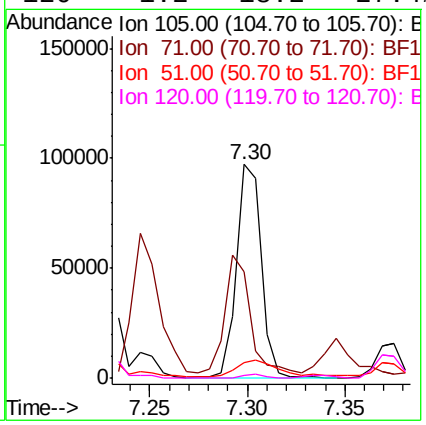


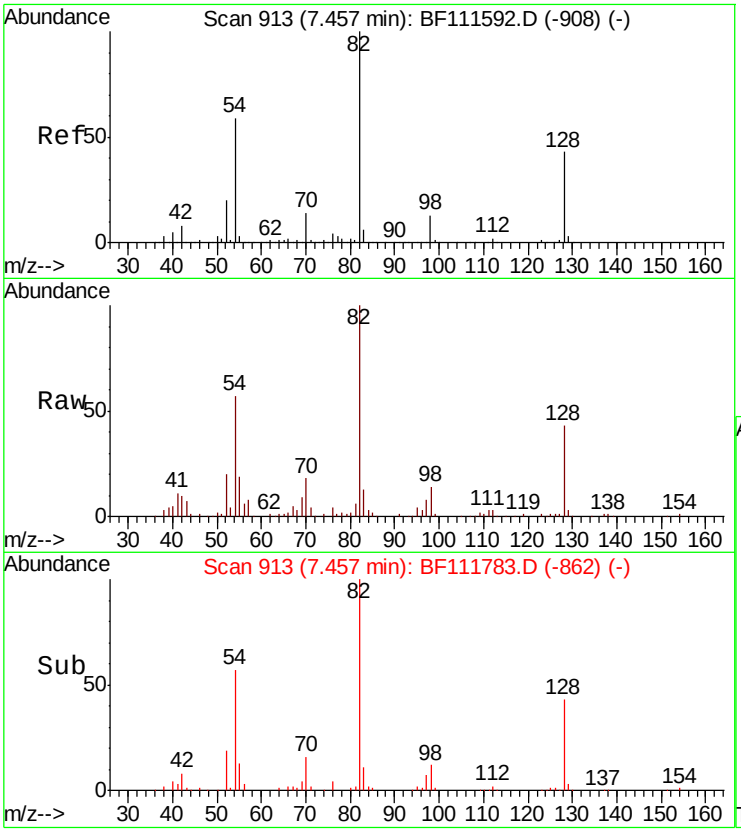


#22
Acetophenone
Concen: 8.288 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:105 Resp: 85387

Ion	Ratio	Lower	Upper
105	100		
71	49.8	3.1	4.7#
51	7.3	36.6	54.8#
120	1.2	18.2	27.4#



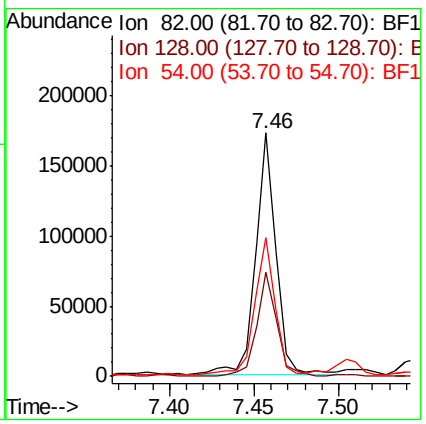


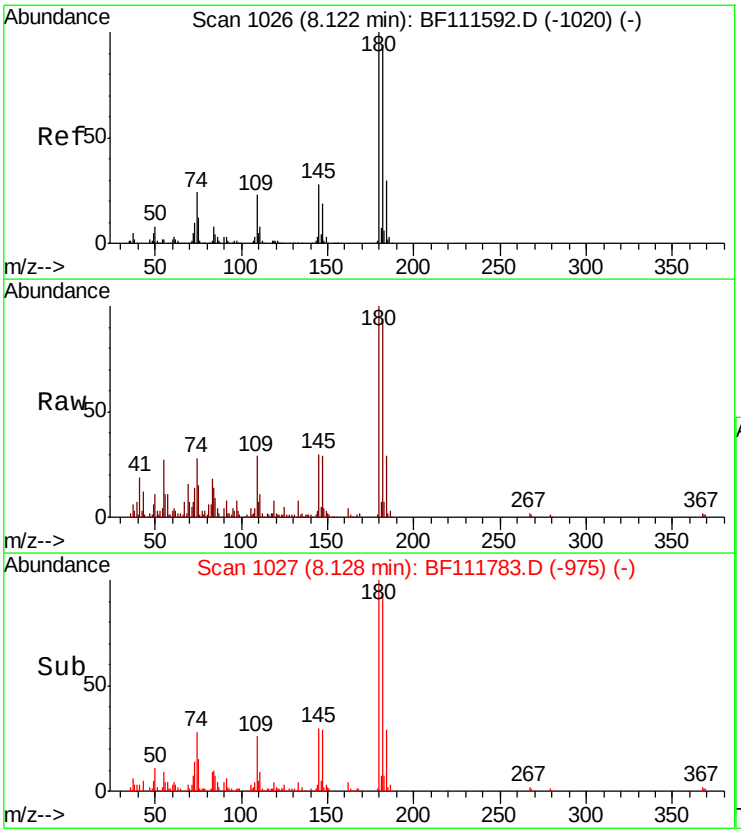
#23
Nitrobenzene-d5
Concen: 20.681 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion: 82 Resp: 144486

Ion	Ratio	Lower	Upper
82	100		
128	42.6	37.4	56.2
54	56.7	47.6	71.4

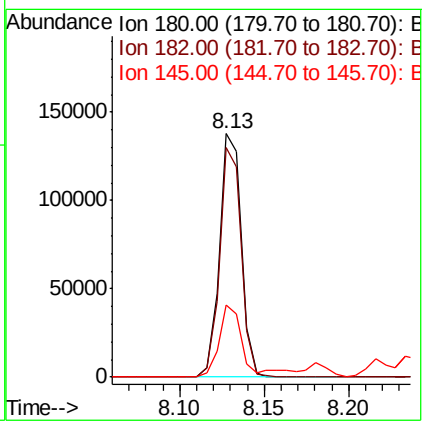


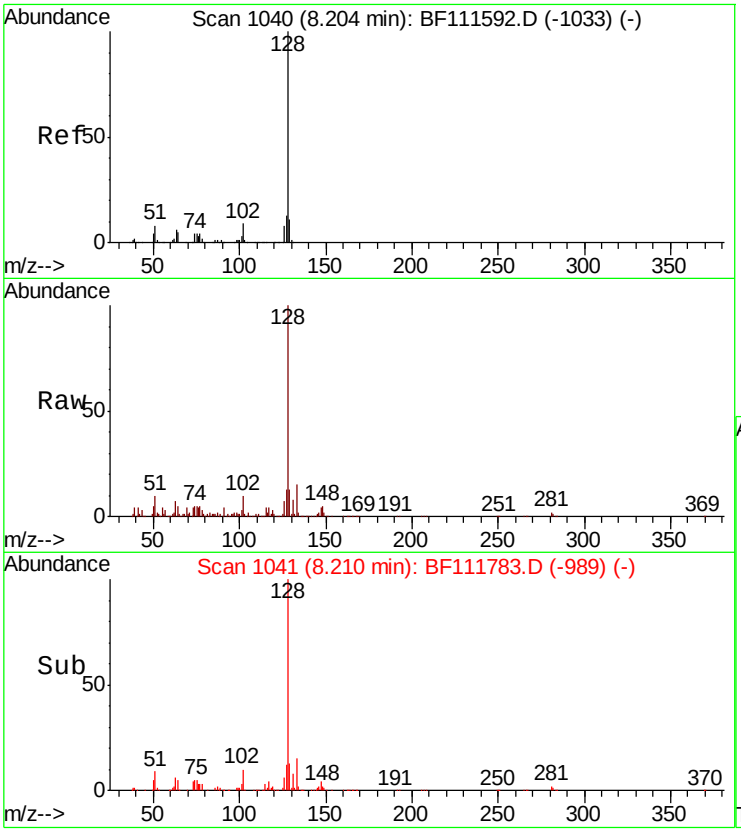


#30
1,2,4-Trichlorobenzene
Concen: 17.629 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:180 Resp: 123697

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.6	113.4
145	29.6	26.7	40.1



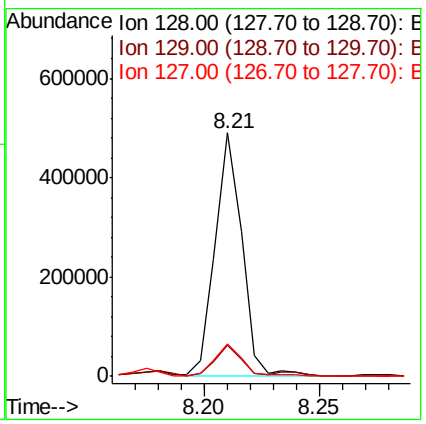


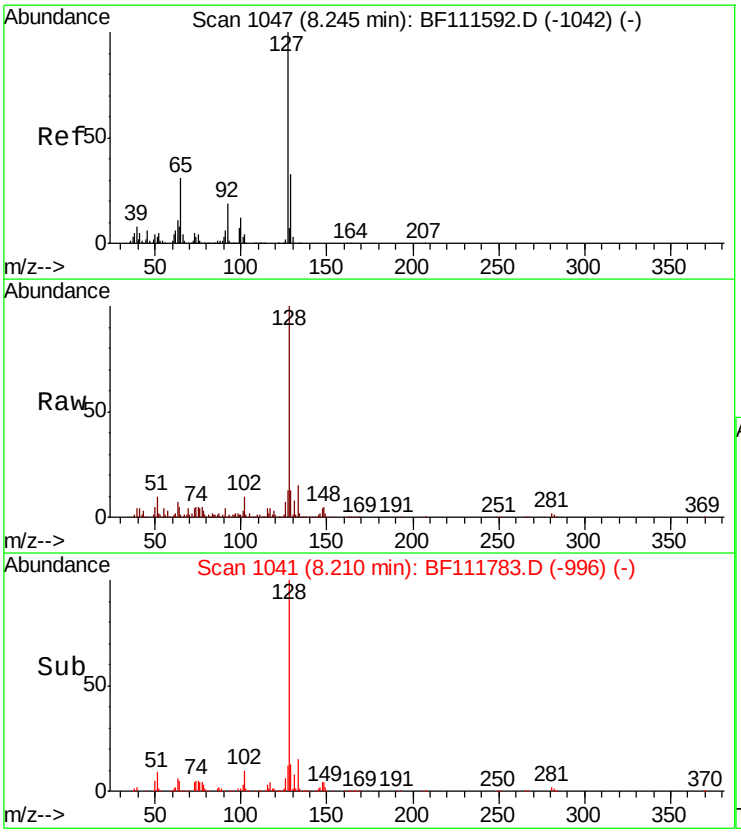
#31
Naphthalene
Concen: 20.050 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:128 Resp: 391759

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.8	14.8
127	13.3	12.0	18.0

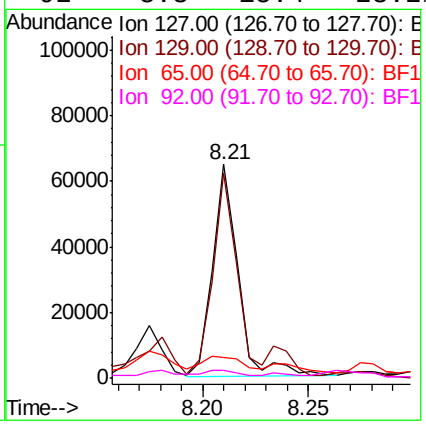


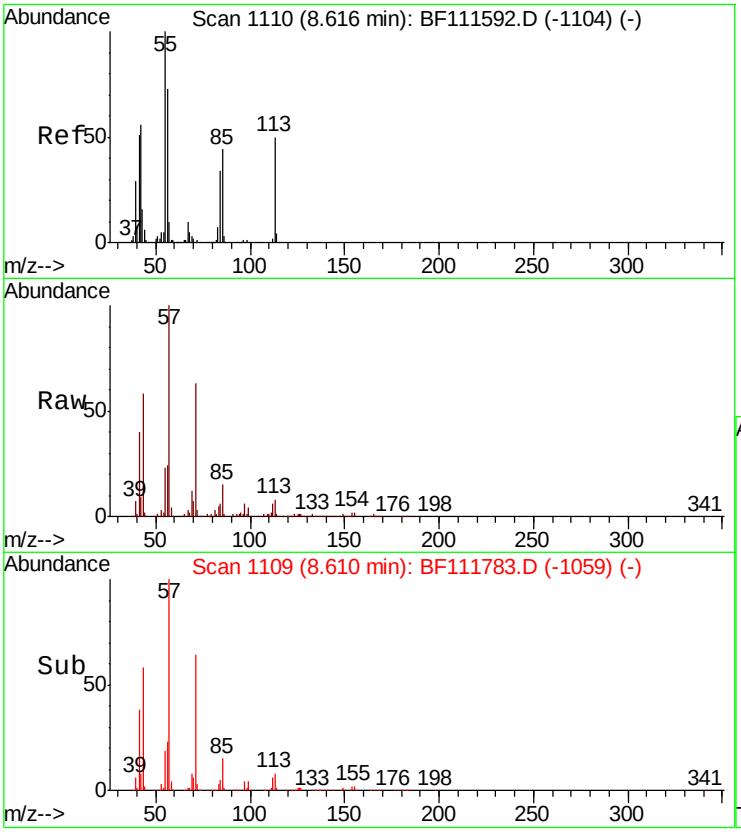


#33
4-Chloroaniline
Concen: 6.472 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.04 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:127 Resp: 54655

Ion	Ratio	Lower	Upper
127	100		
129	95.7	26.6	39.8#
65	9.9	25.7	38.5#
92	3.3	15.4	23.2#



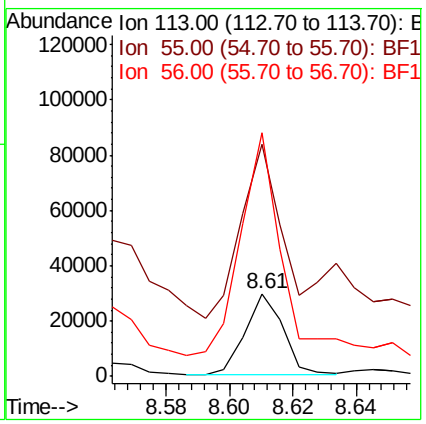


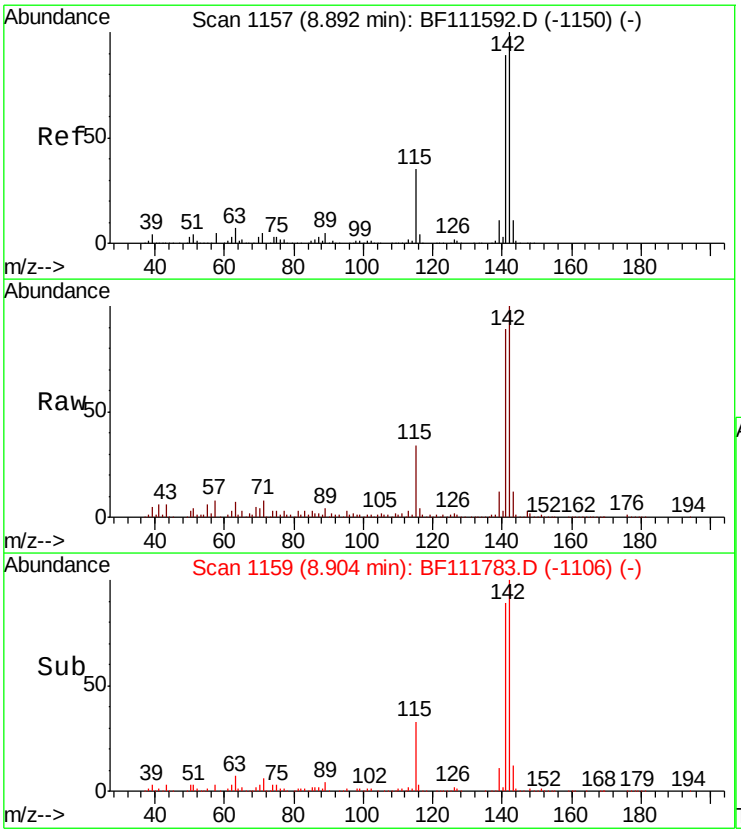
#35
Caprolactam
Concen: 11.628 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:113 Resp: 24809

Ion	Ratio	Lower	Upper
113	100		
55	280.3	184.1	224.1#
56	293.8	126.0	166.0#

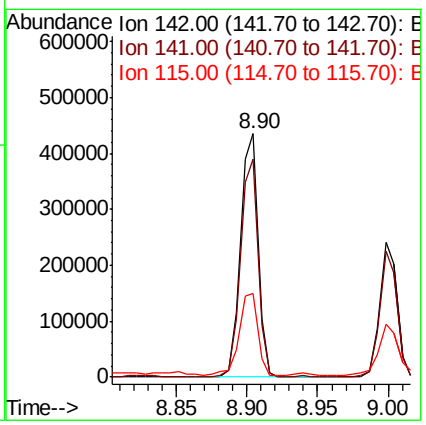


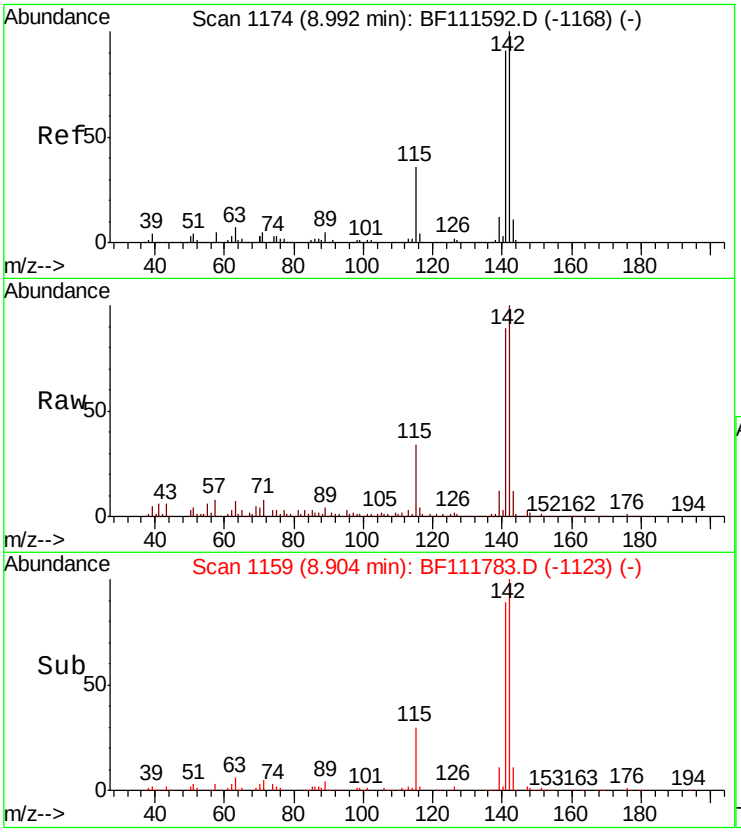


#37
2-Methylnaphthalene
Concen: 29.772 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:142 Resp: 378472

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	105.8
115	34.1	27.0	40.6



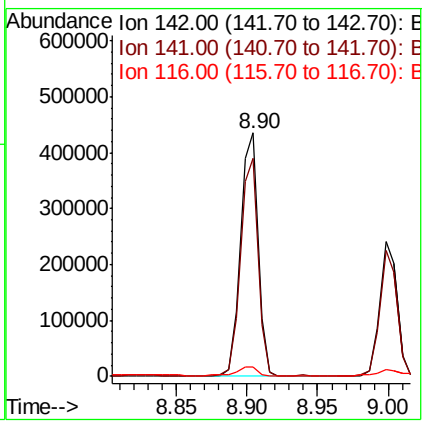


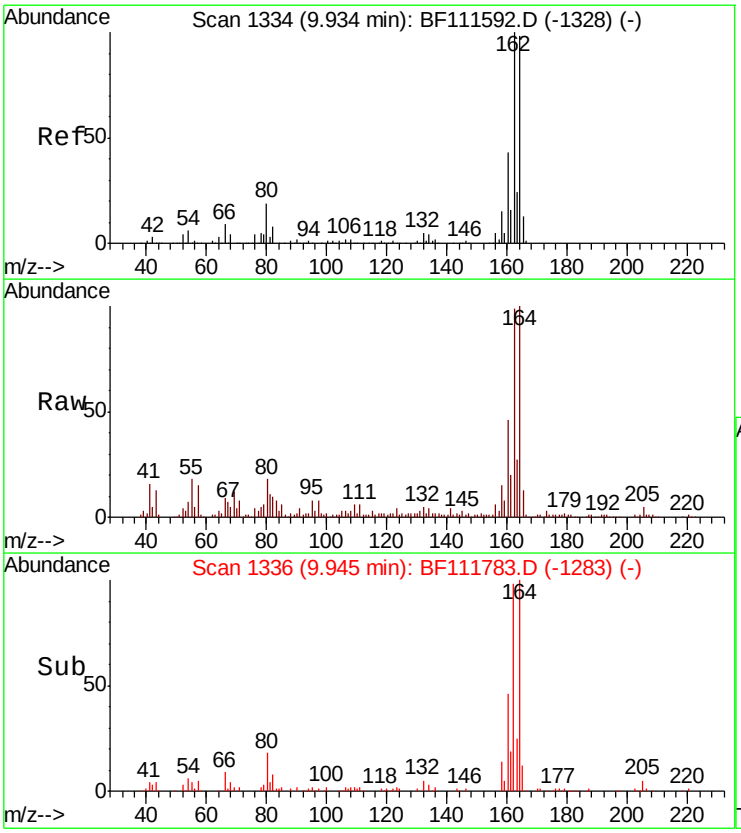
#38
1-Methylnaphthalene
Concen: 30.999 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.09 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:142 Resp: 378472

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.2	111.4
116	3.6	2.9	4.3

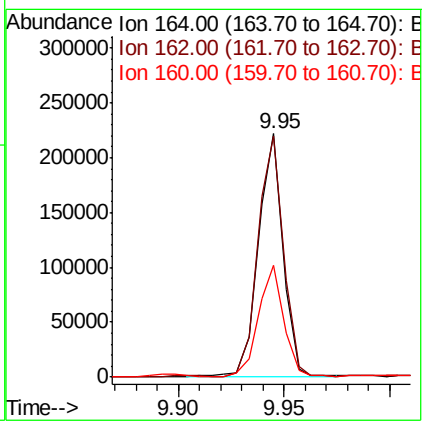


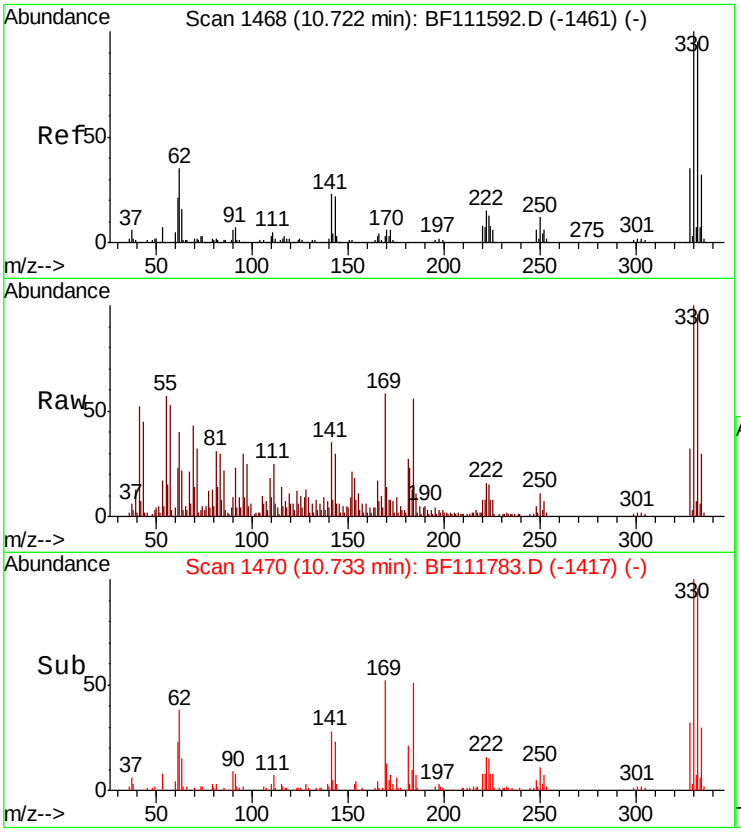


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:164 Resp: 179308

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	46.0	35.7	53.5



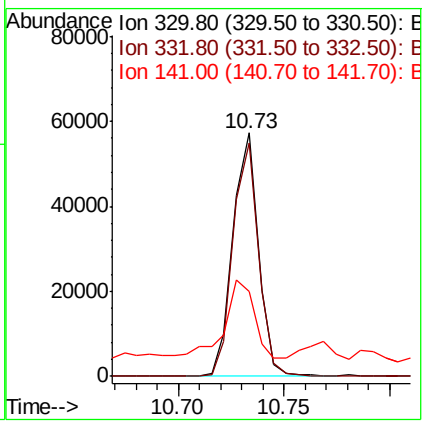


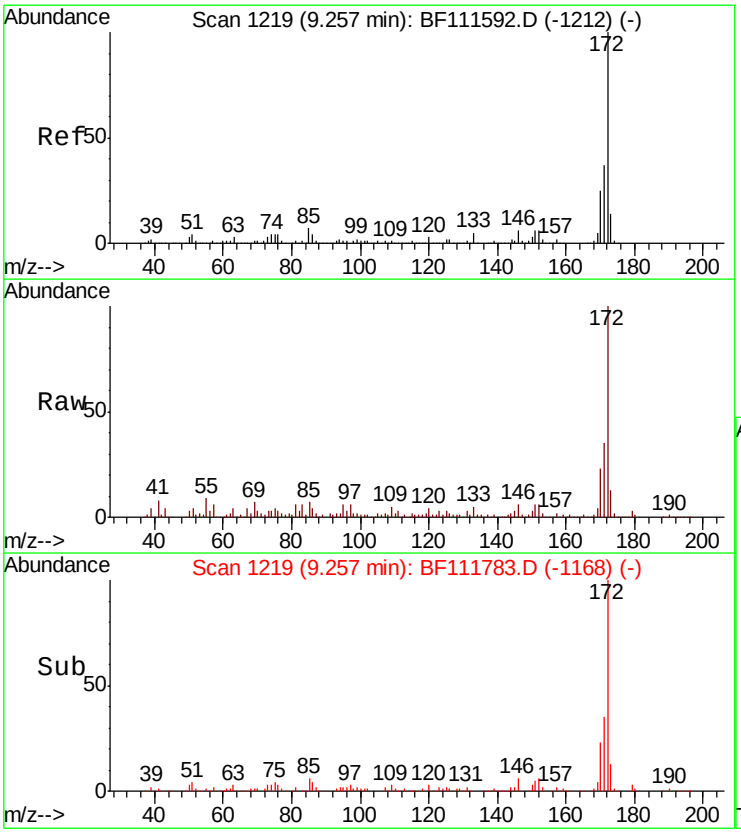
#42
2,4,6-Tribromophenol
Concen: 22.519 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:330 Resp: 47711

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	36.9	31.0	46.6

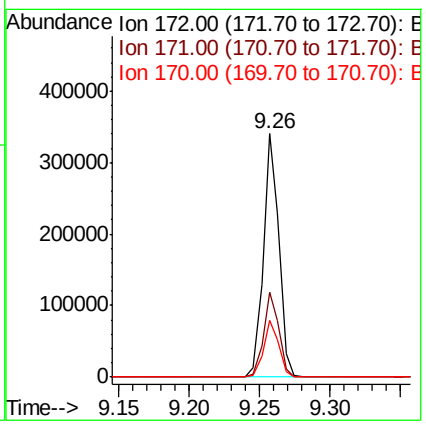


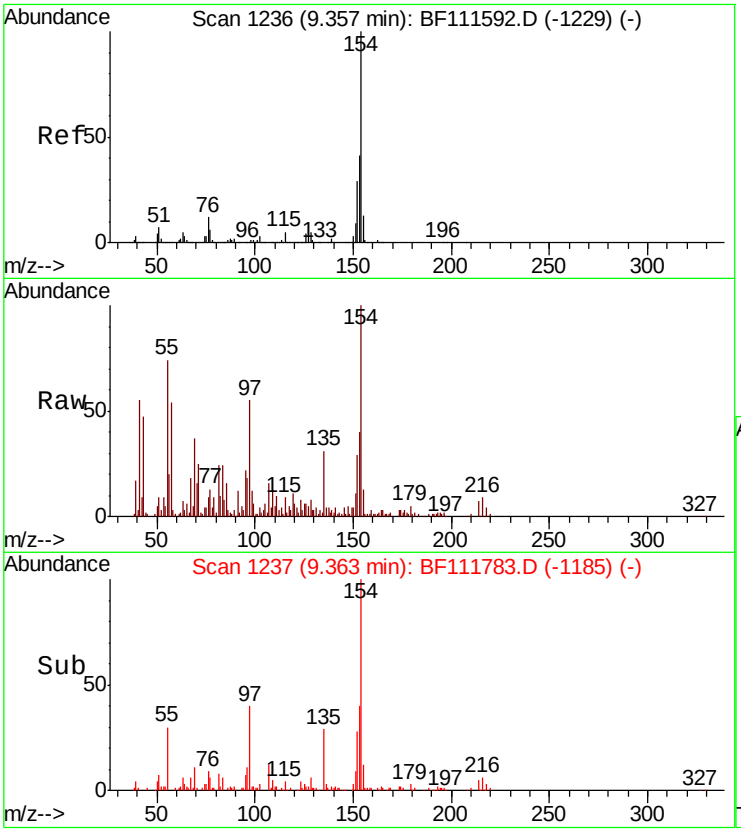


#45
2-Fluorobiphenyl
Concen: 21.644 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:172 Resp: 266261

Ion	Ratio	Lower	Upper
172	100		
171	34.8	33.0	49.4
170	23.5	22.3	33.5



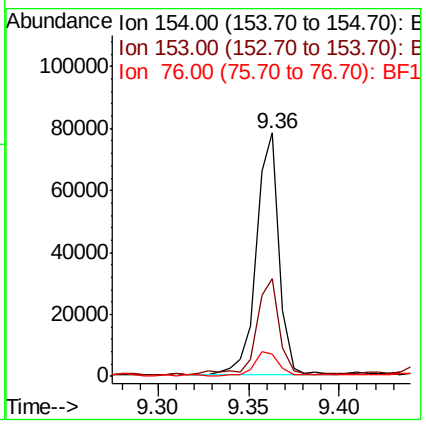


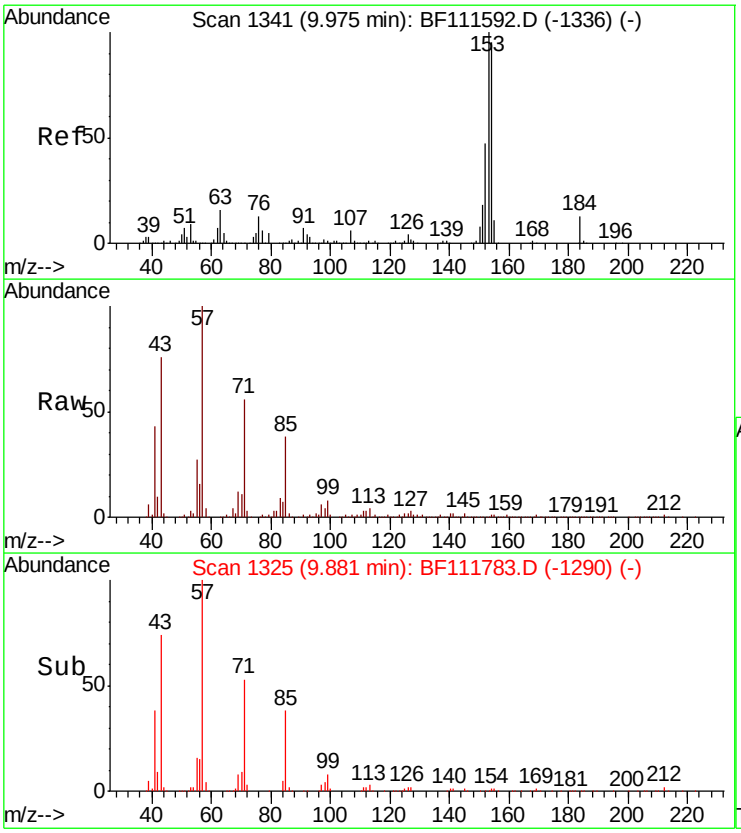
#46
1,1'-Biphenyl
Concen: 4.463 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:154 Resp: 67547

Ion	Ratio	Lower	Upper
154	100		
153	39.9	23.7	63.7
76	9.0	0.0	35.0

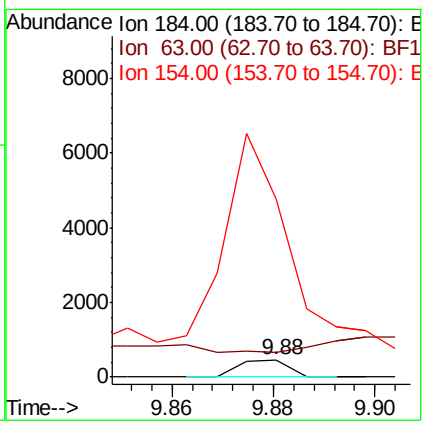


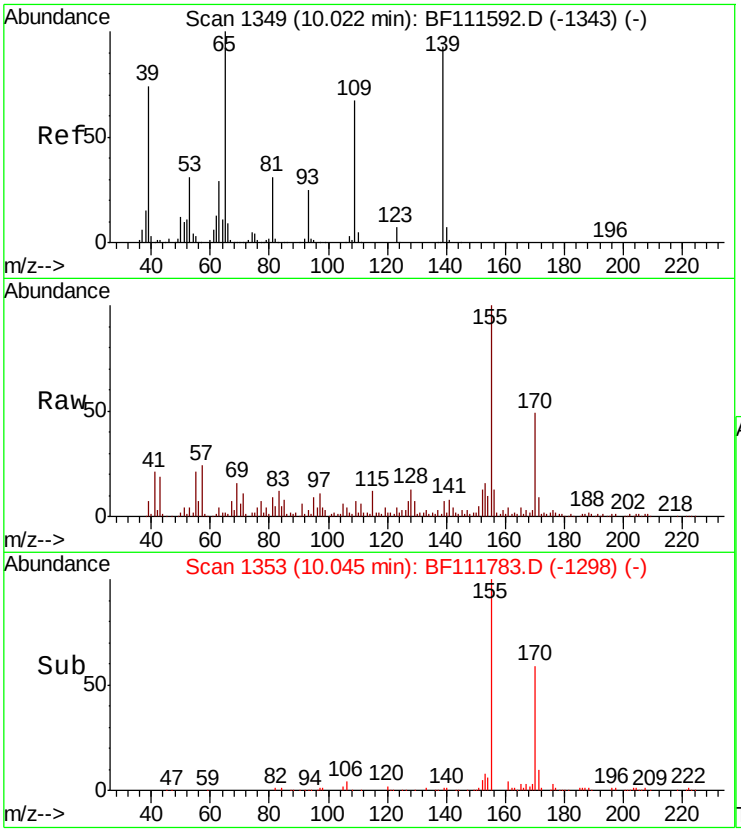


#54
2,4-Dinitrophenol
Concen: 7.643 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.09 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:184 Resp: 310

Ion	Ratio	Lower	Upper
184	100		
63	140.7	62.3	93.5#
154	1021.4	56.2	84.2#



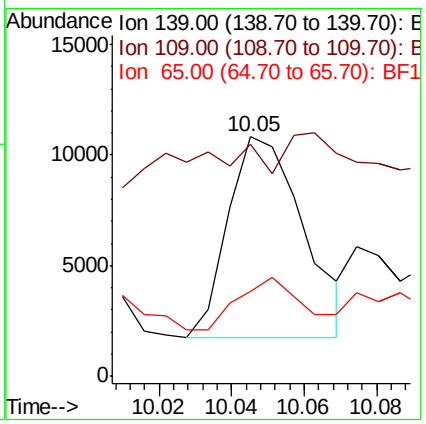


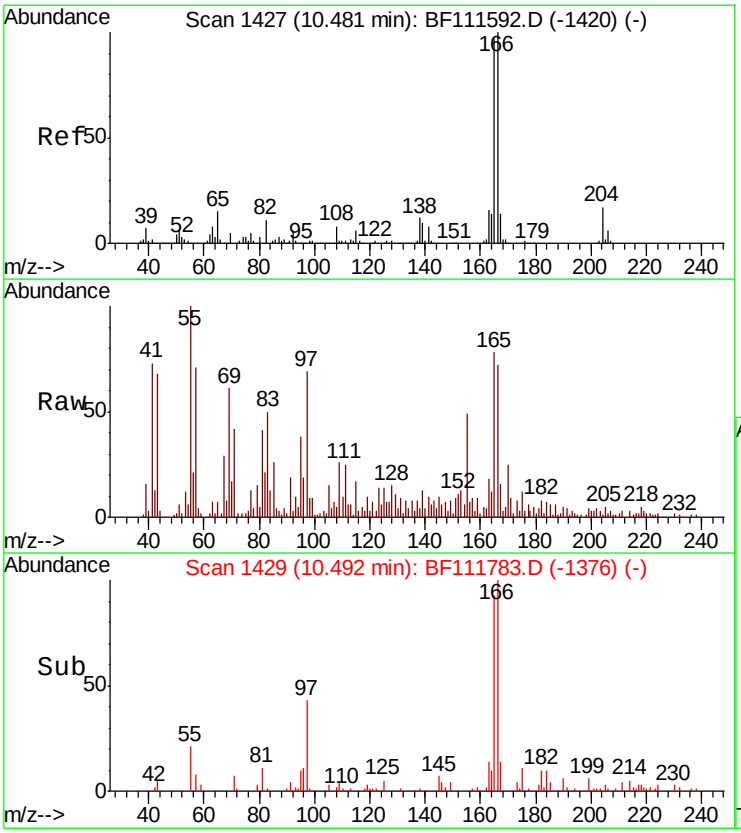
#56
4-Nitrophenol
Concen: 6.191 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:139 Resp: 13174

Ion	Ratio	Lower	Upper
139	100		
109	97.0	41.8	81.8#
65	35.3	79.6	119.6#

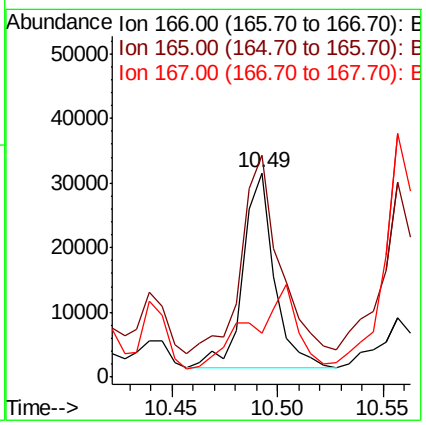


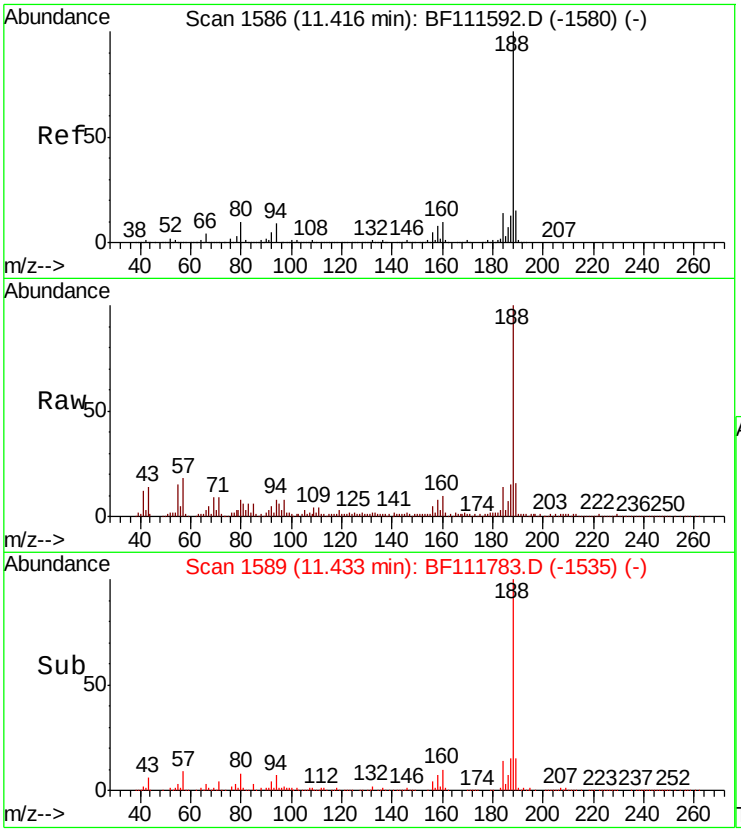


#58
Fluorene
Concen: 2.669 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:166 Resp: 31376

Ion	Ratio	Lower	Upper
166	100		
165	108.4	78.4	117.6
167	21.5	11.2	16.8#



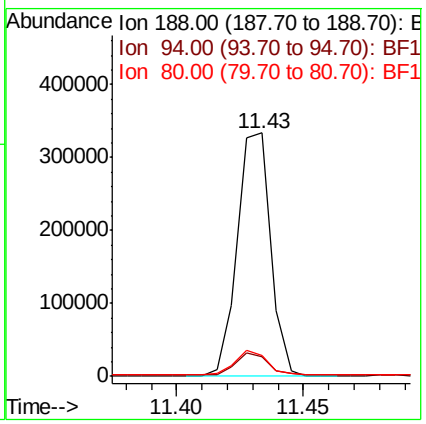


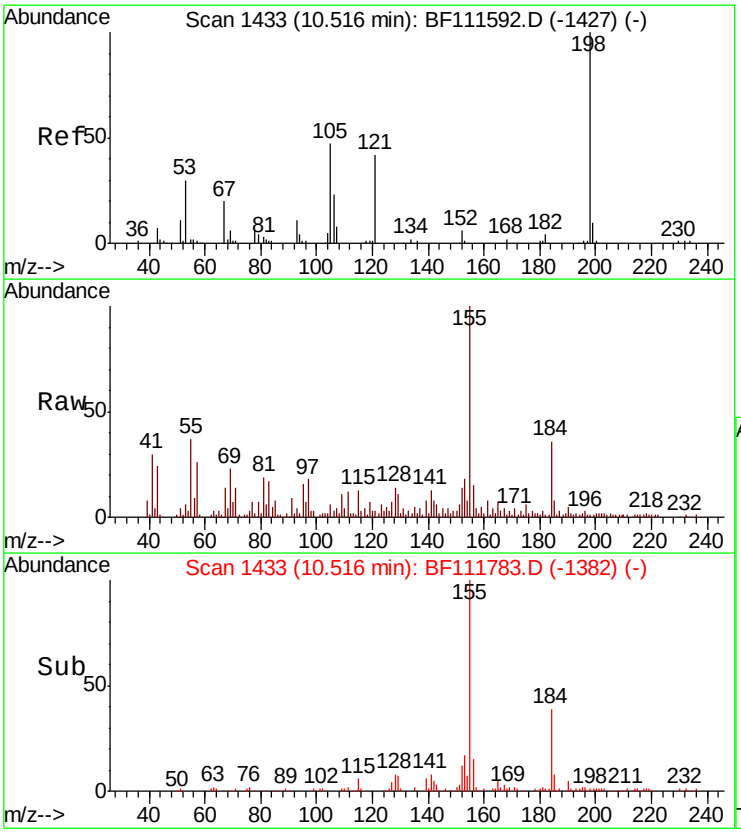
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:188 Resp: 304637

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.6	14.4#
80	8.5	9.8	14.6#

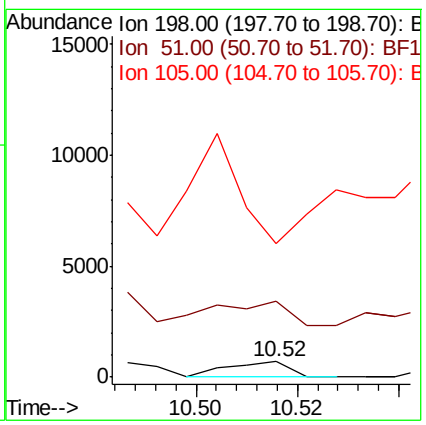


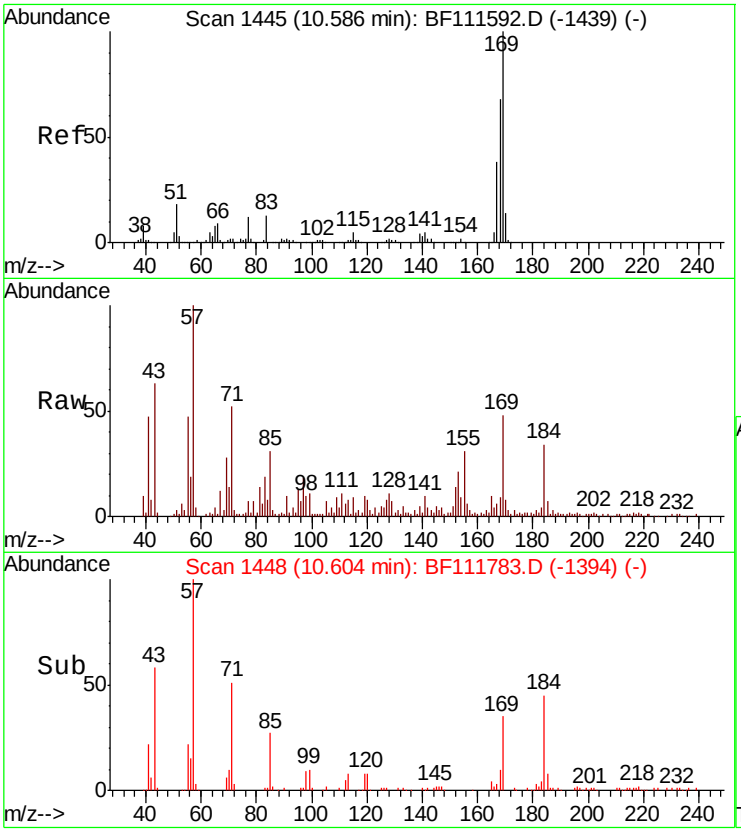


#65
4,6-Dinitro-2-methylphenol
Concen: 7.093 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:198 Resp: 585

Ion	Ratio	Lower	Upper
198	100		
51	496.5	48.0	88.0#
105	878.9	34.0	74.0#



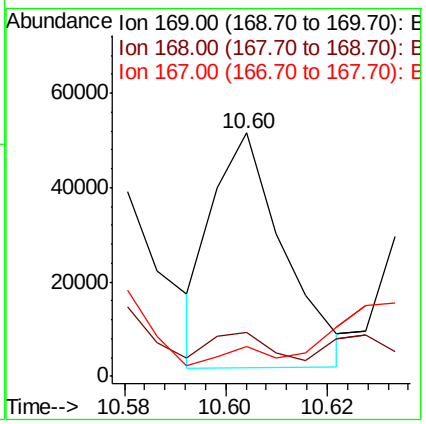


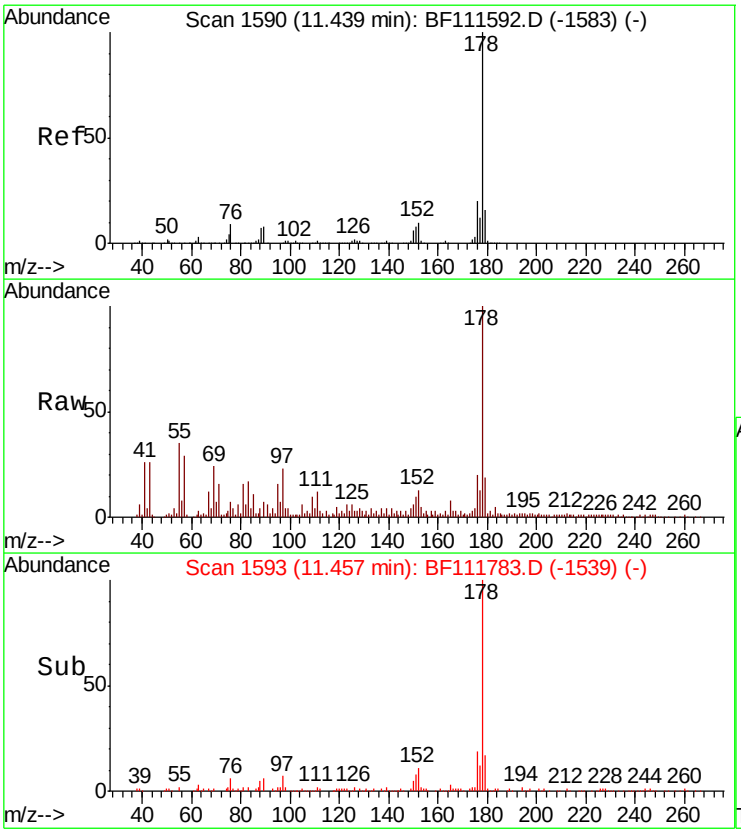
#66
n-Nitrosodiphenylamine
Concen: 4.774 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:169 Resp: 48823

Ion	Ratio	Lower	Upper
169	100		
168	18.0	54.4	81.6#
167	12.0	30.5	45.7#

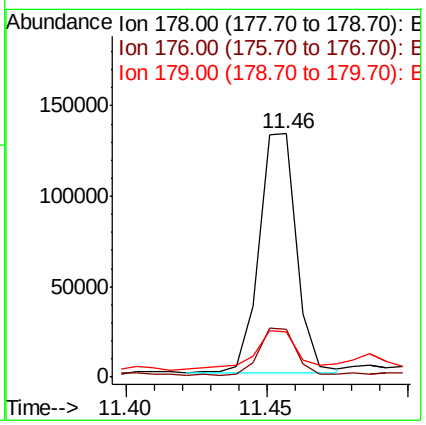


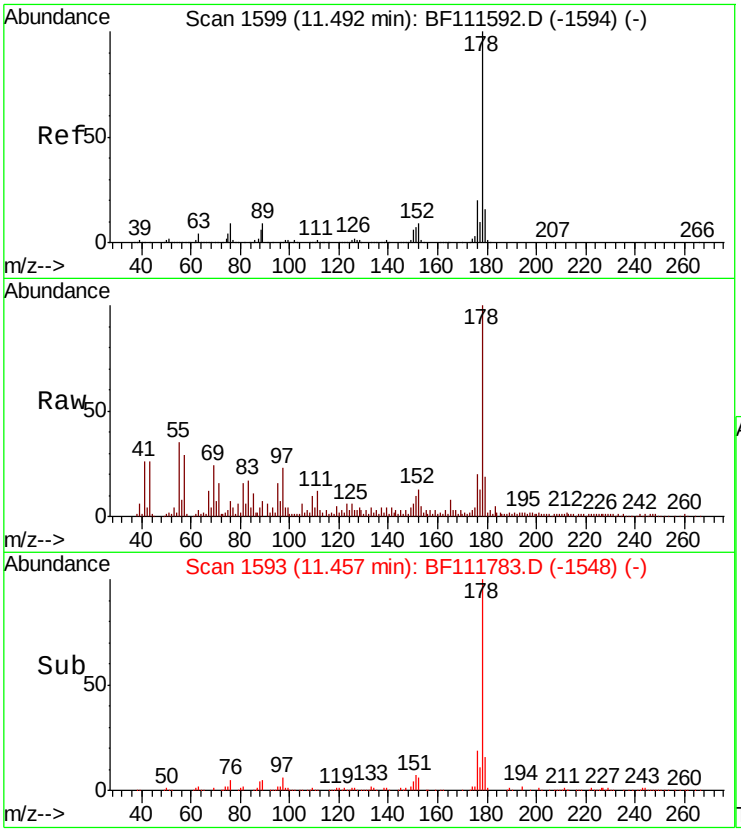


#71
Phenanthrene
Concen: 7.489 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:178 Resp: 120989

Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.1	27.1
179	18.7	14.0	21.0



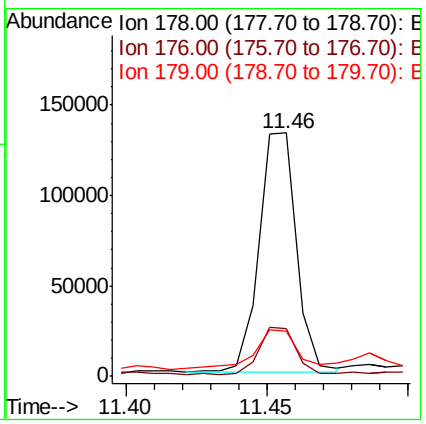


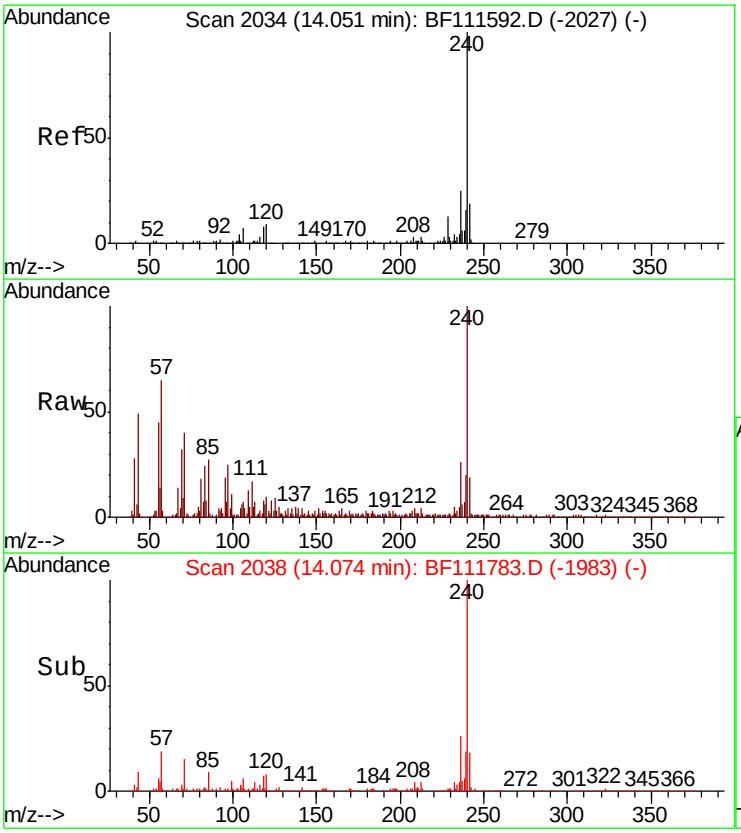
#72
Anthracene
Concen: 7.461 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.04 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:178 Resp: 120989

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.2	25.8
179	18.7	13.8	20.8

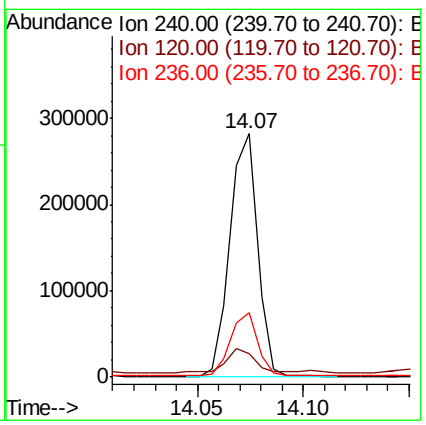


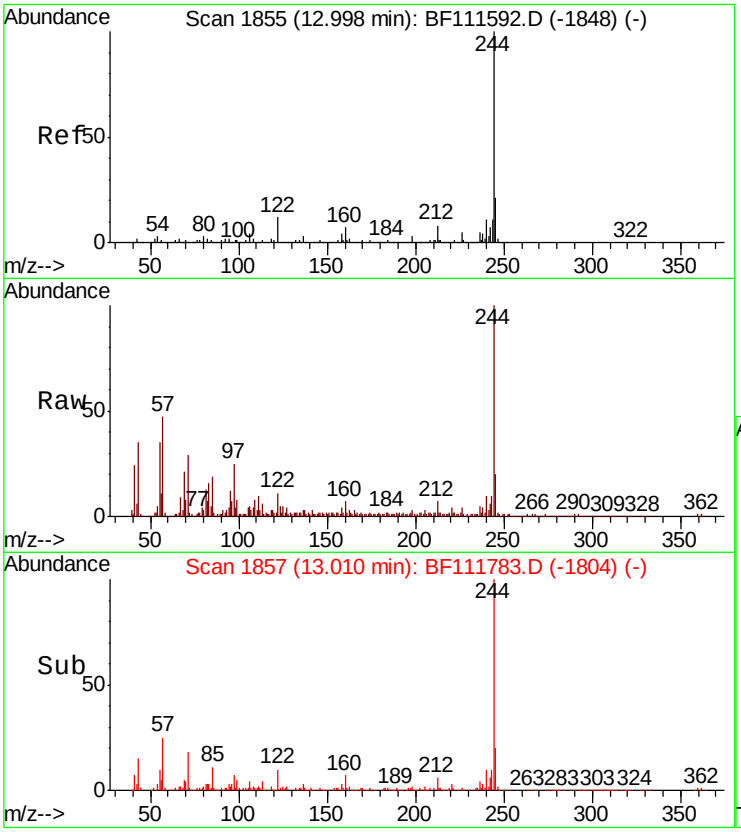


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:240 Resp: 253706

Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.2	18.2#
236	26.4	20.2	30.2



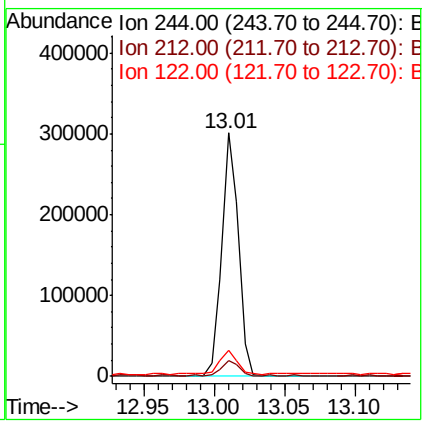


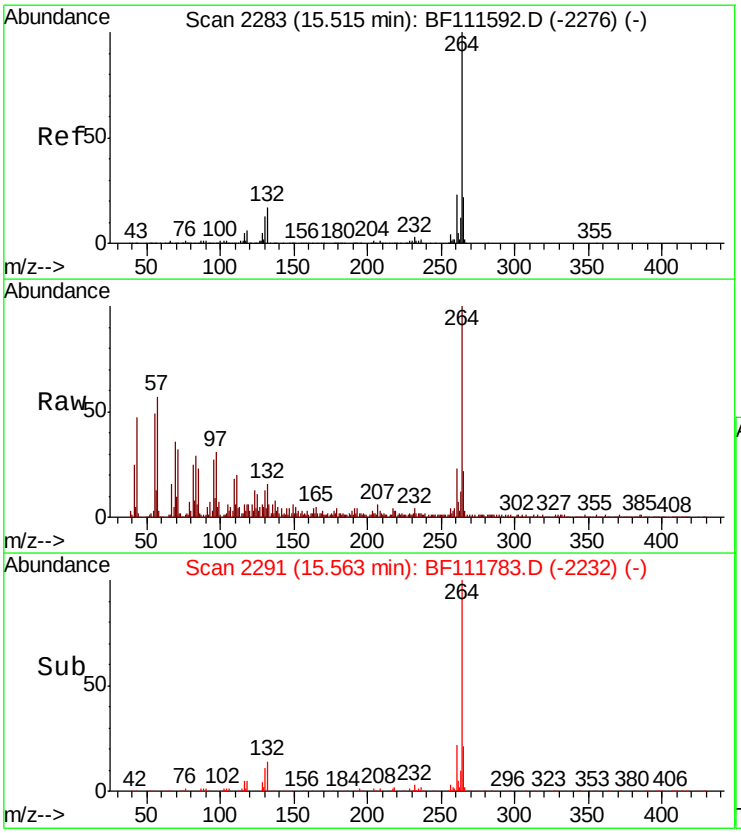
#79
Terphenyl-d14
Concen: 18.420 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01DL

Tgt Ion:244 Resp: 246426

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.8	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111783.D
Acq: 28 Dec 2018 1:31

Tgt Ion:264 Resp: 196757

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.7	17.7	26.5