Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111742.D
Acq On : 27 Dec 2018 4:18
Operator : JU/SJ
Sample : J6446-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS026-1218-01

Quant Time: Dec 27 04:54:20 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	125054	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	417385	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	183162	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	346568	20.00	ng		0.01
76) Chrysene-d12	14.07	240	243735	20.00	ng		0.02
87) Perylene-d12	15.55	264	192580	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	983005	133.99	ng		0.03
7) Phenol-d6	6.55	99	1219036	130.56	ng		0.02
23) Nitrobenzene-d5	7.46	82	727674	101.48	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	307387	142.03	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1242647	98.89	ng		0.00
79) Terphenyl-d14	13.01	244	1241946	96.63	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.56	94	104195	9.890	ng		93
15) Benzyl Alcohol	7.06	79	15674	2.114	ng	#	42
19) n-Nitroso-di-n-propylamine	7.46	70	100523	16.211	ng	#	79
25) Isophorone	7.46	82	727787	57.172	ng	#	64
50) Dimethylphthalate	9.65	163	92086	6.875	ng		97
57) 2,4-Dinitrotoluene	9.94	165	24174	7.531	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.73	198	583	7.043	ng	#	1
67) 4-Bromophenyl-phenylether	10.73	248	18588	4.324	ng	#	1

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

Quantitation Report (Not Reviewed)

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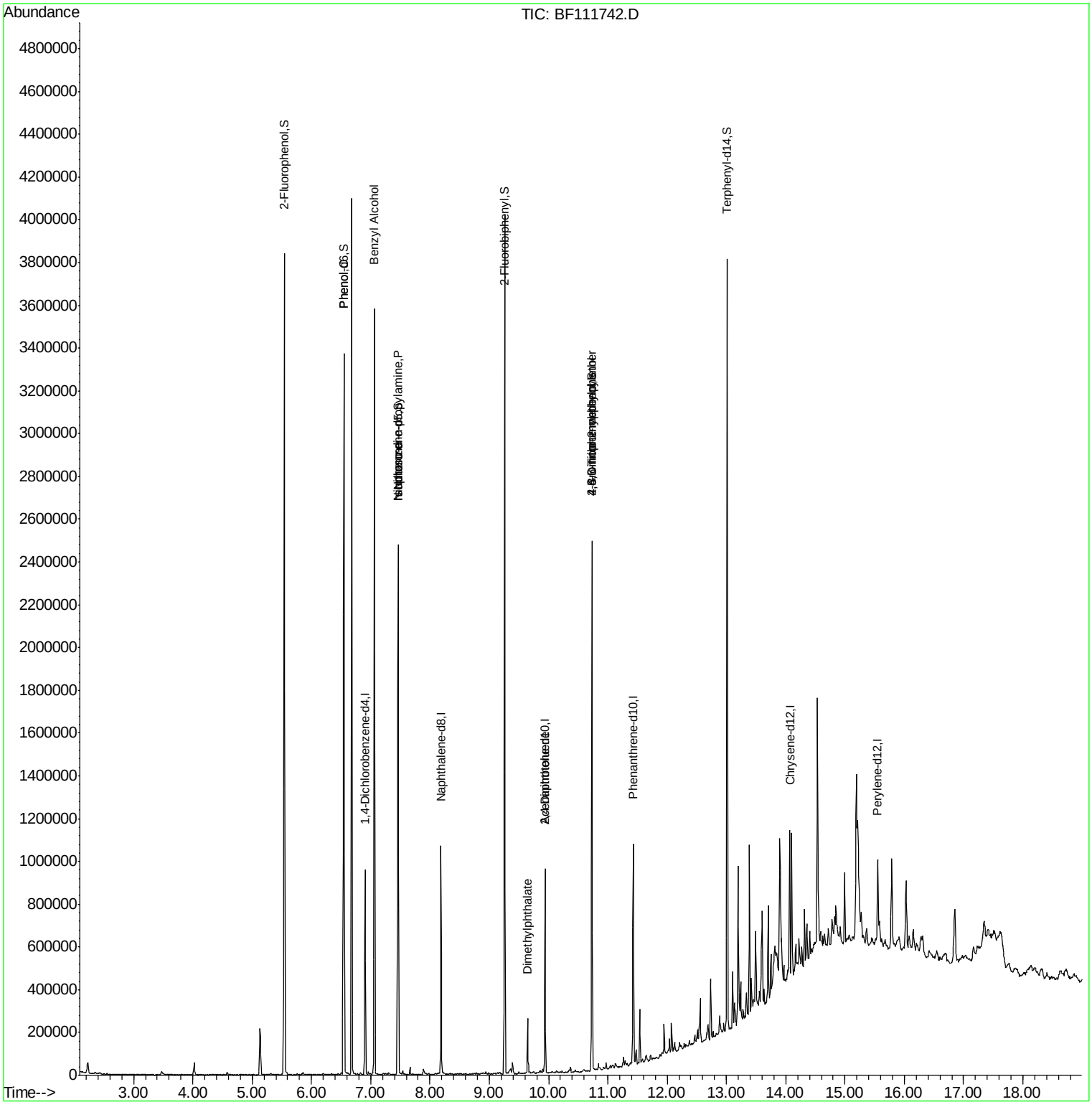
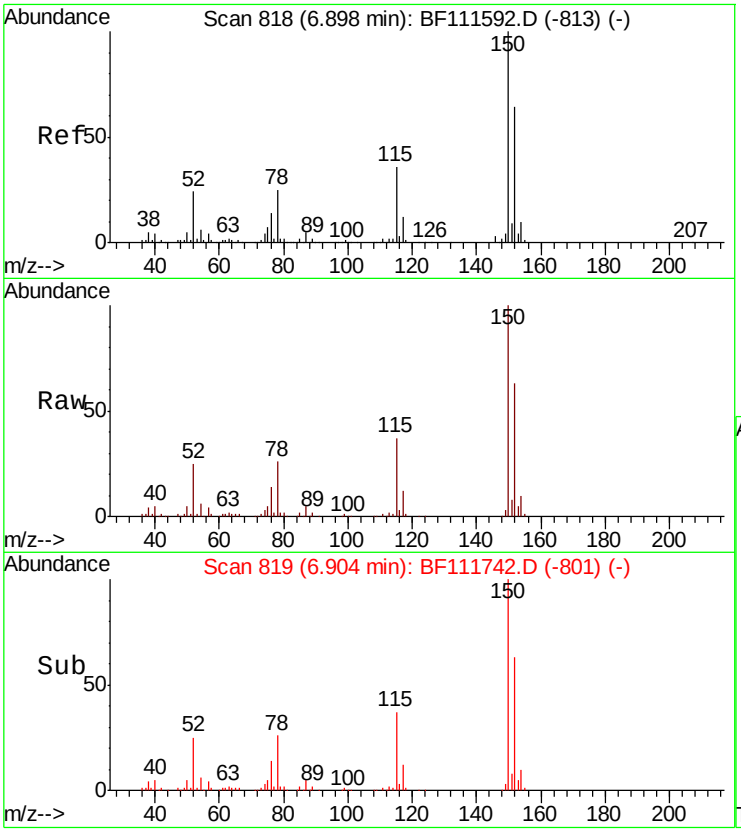
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



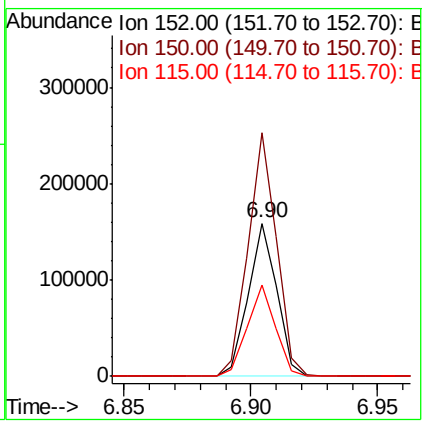


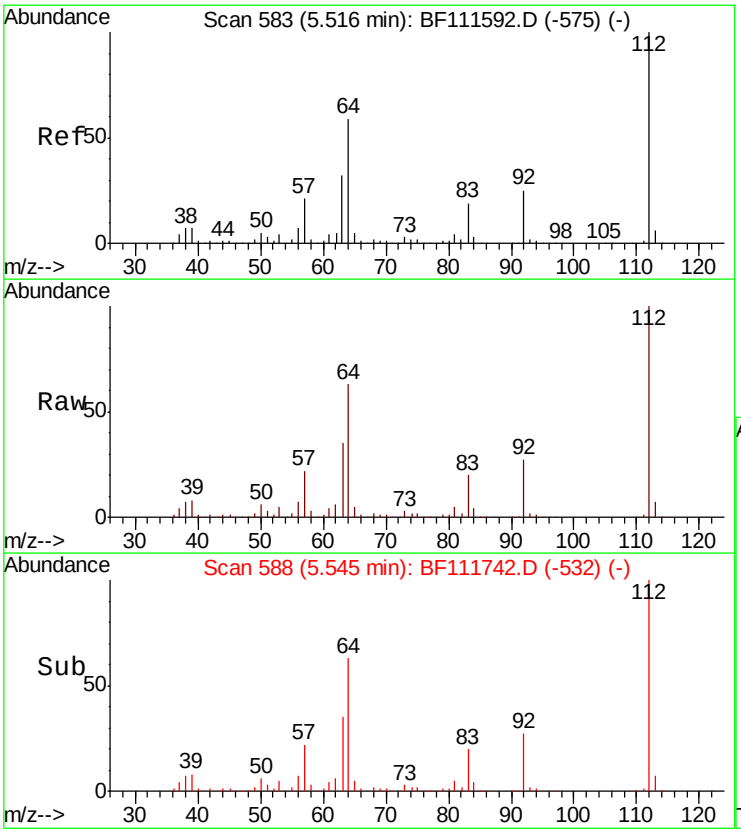
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion:152 Resp: 125054

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.6	189.8
115	59.5	50.7	76.1

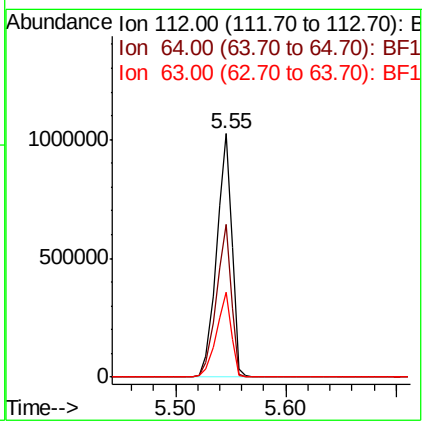


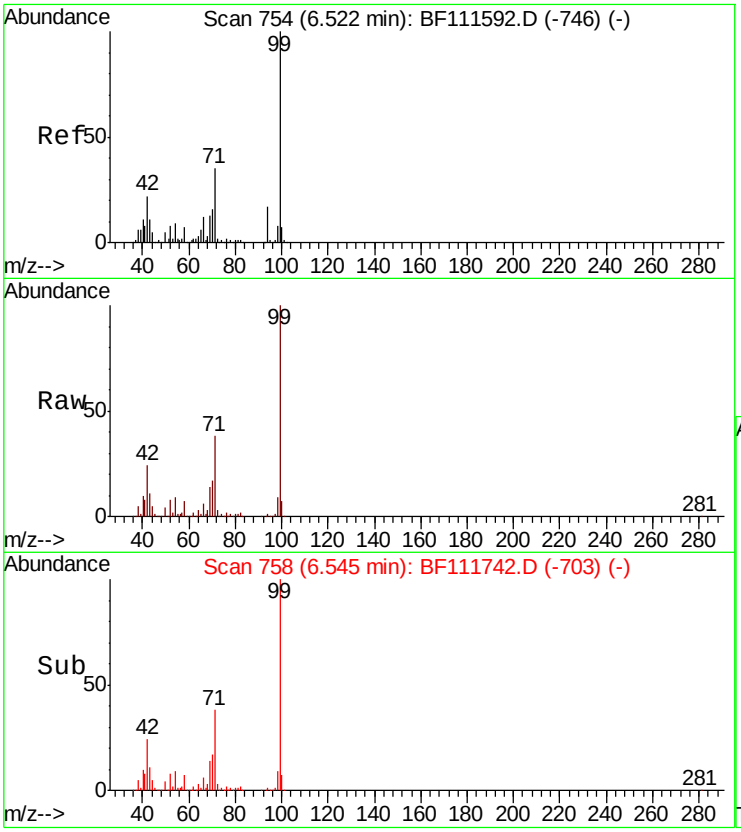


#5
2-Fluorophenol
Concen: 133.987 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion:112 Resp: 983005

Ion	Ratio	Lower	Upper
112	100		
64	63.0	51.8	77.6
63	34.8	26.8	40.2



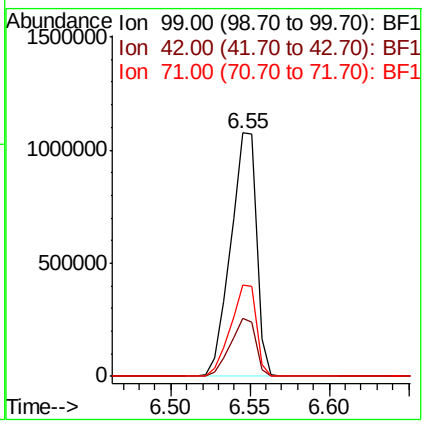


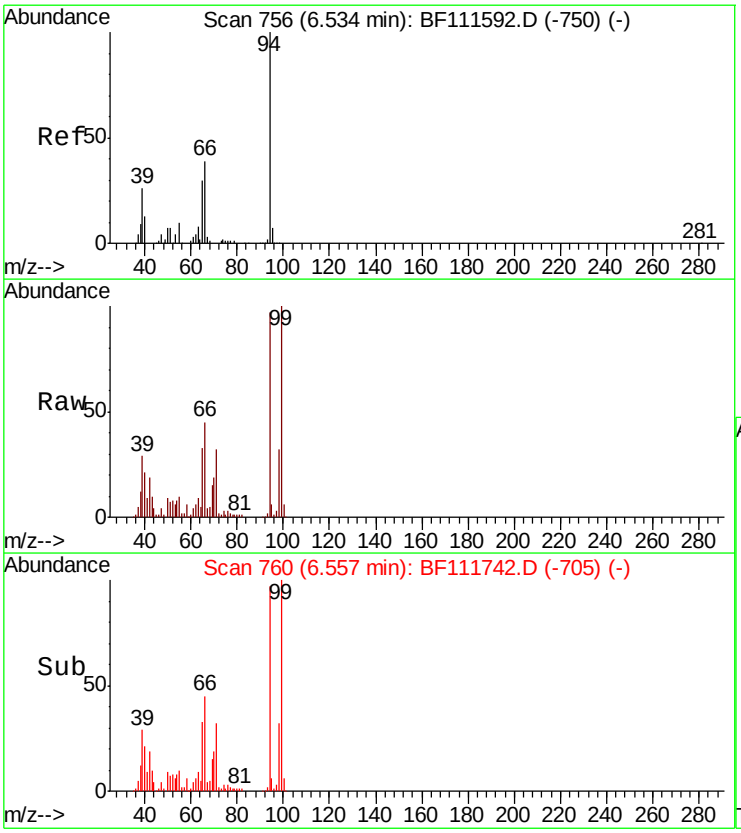
#7
Phenol-d6
Concen: 130.562 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion: 99 Resp: 1219036

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.4	26.0
71	37.7	26.1	39.1

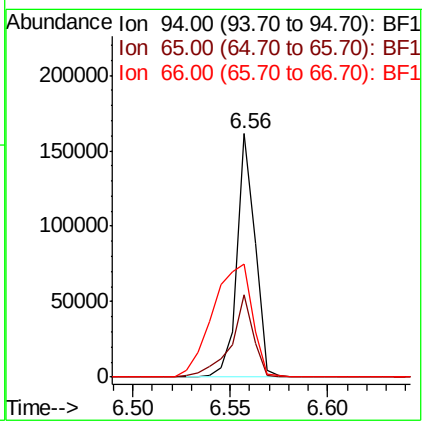


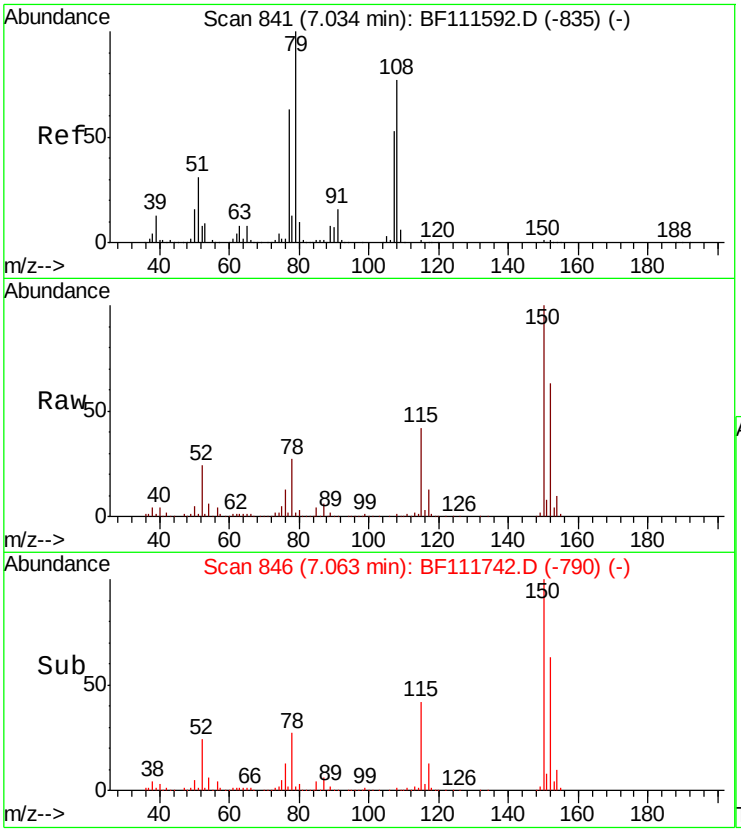


#10
Phenol
Concen: 9.890 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion: 94 Resp: 104195

Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.7	51.7
66	46.6	21.0	61.0



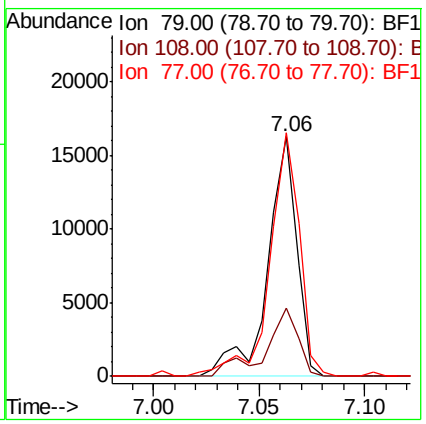


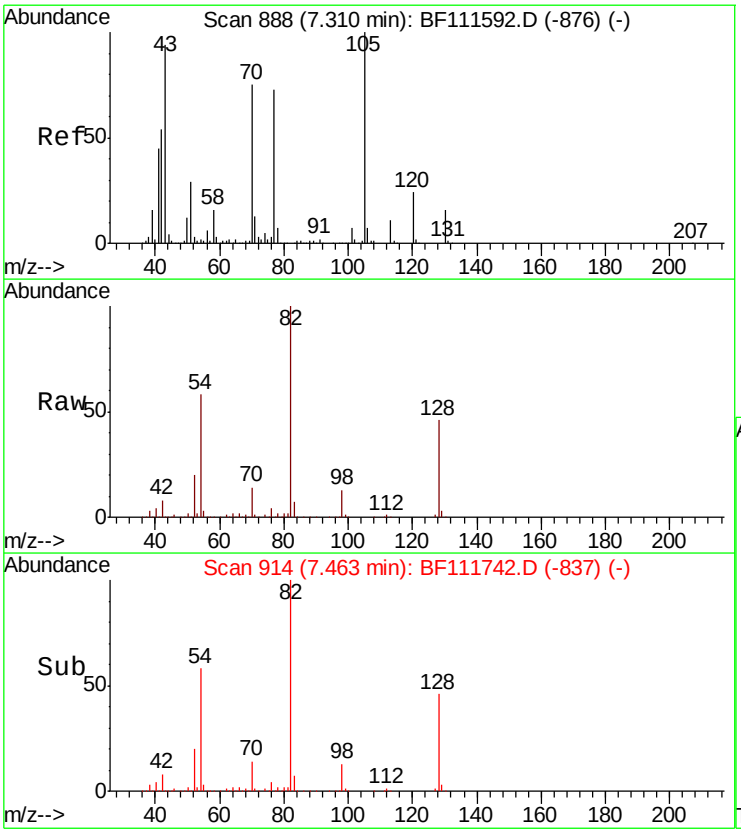
#15
Benzyl Alcohol
Concen: 2.114 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.03 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion: 79 Resp: 15674

Ion	Ratio	Lower	Upper
79	100		
108	28.6	69.4	104.2#
77	101.8	49.7	74.5#

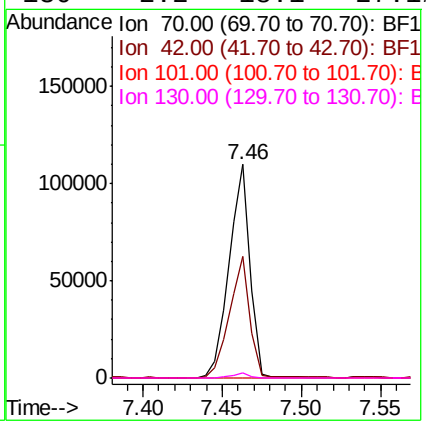


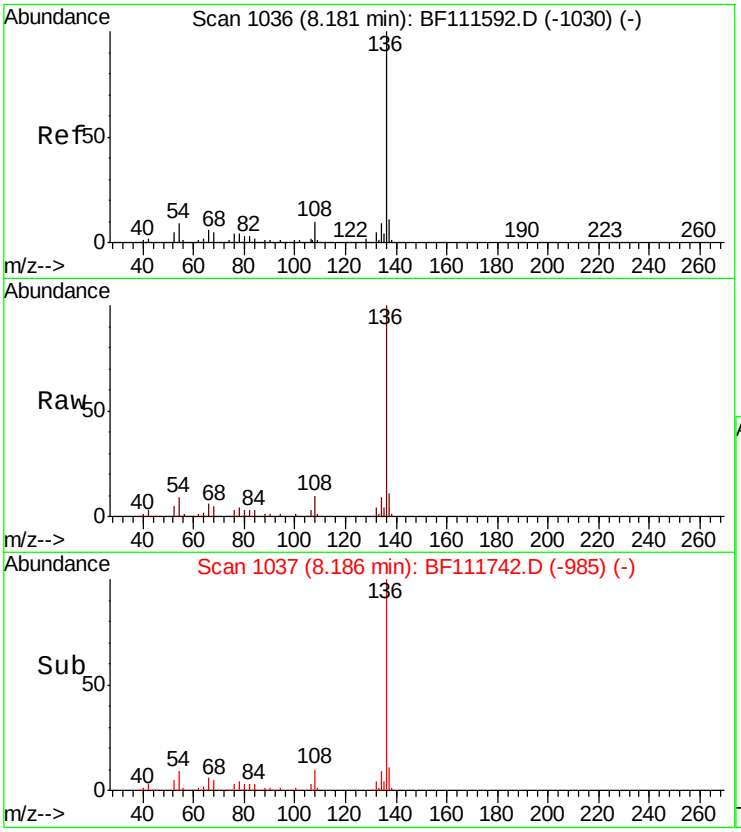


#19
n-Nitroso-di-n-propylamine
Concen: 16.211 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion: 70 Resp: 100523

Ion	Ratio	Lower	Upper
70	100		
42	56.8	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#



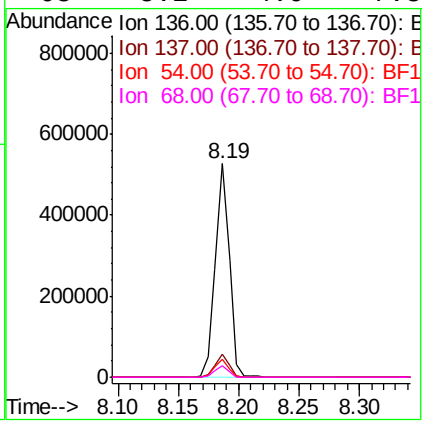


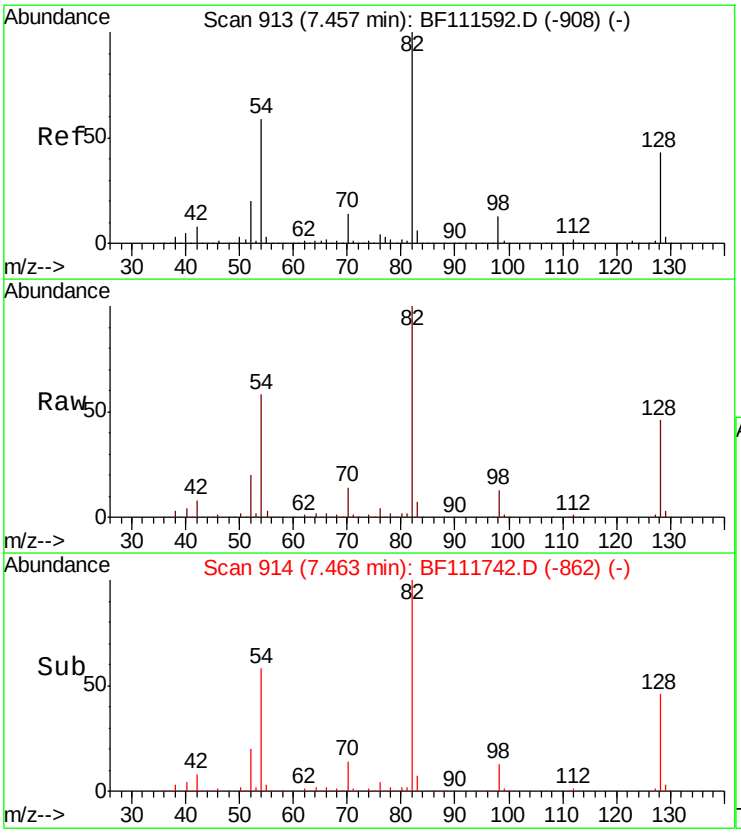
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion:136 Resp: 417385

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.5	7.7	11.5
68	5.2	4.9	7.3

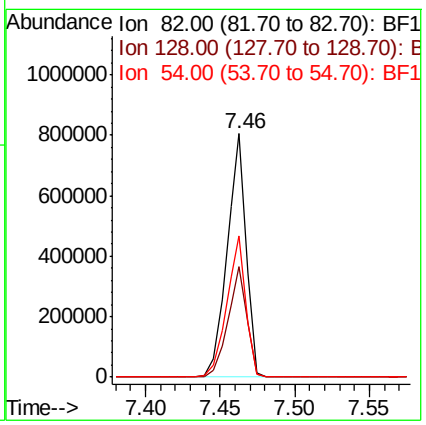


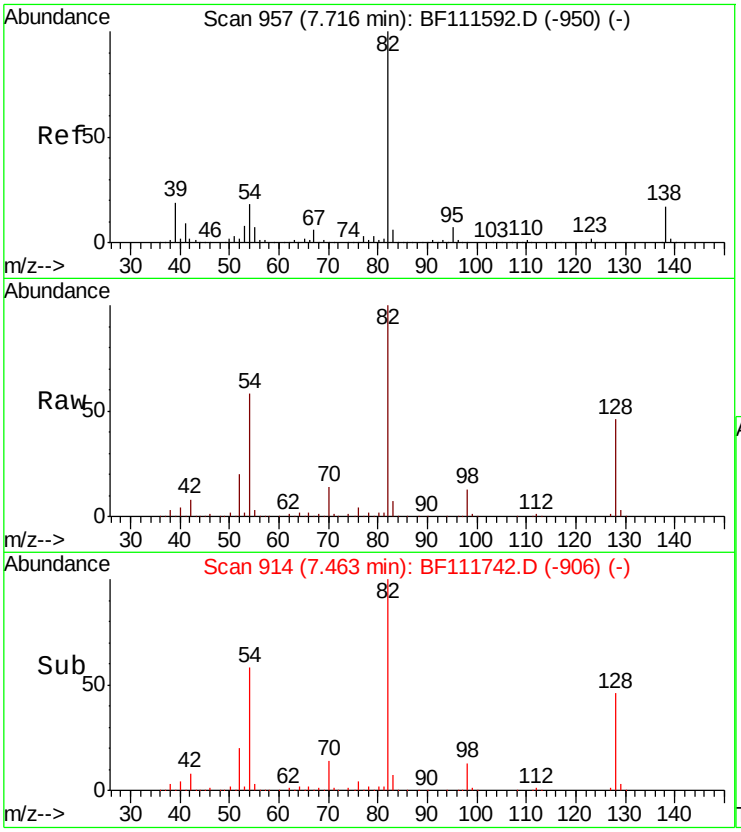


#23
Nitrobenzene-d5
Concen: 101.480 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion: 82 Resp: 727674

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.4	56.2
54	57.8	47.6	71.4



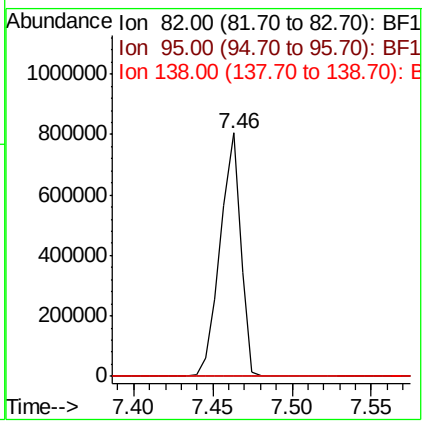


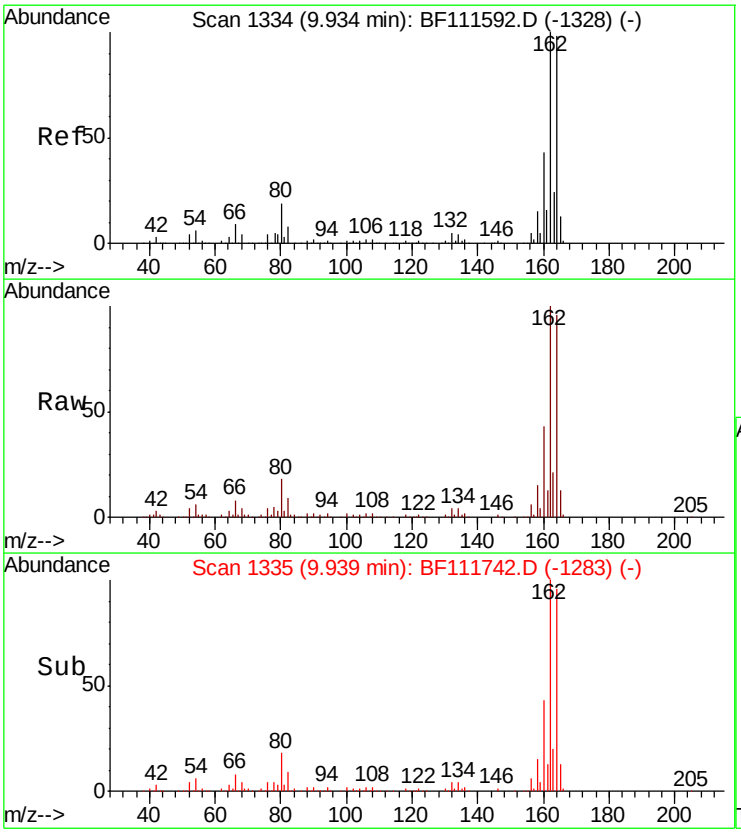
#25
Isophorone
Concen: 57.172 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion: 82 Resp: 727787

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#

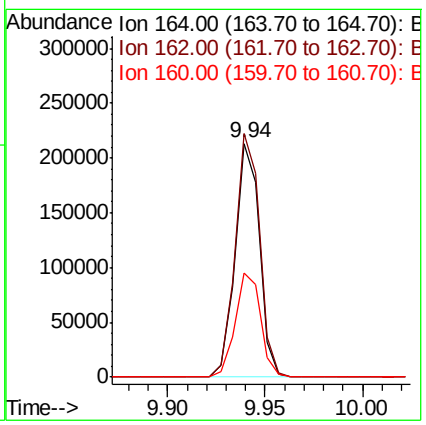


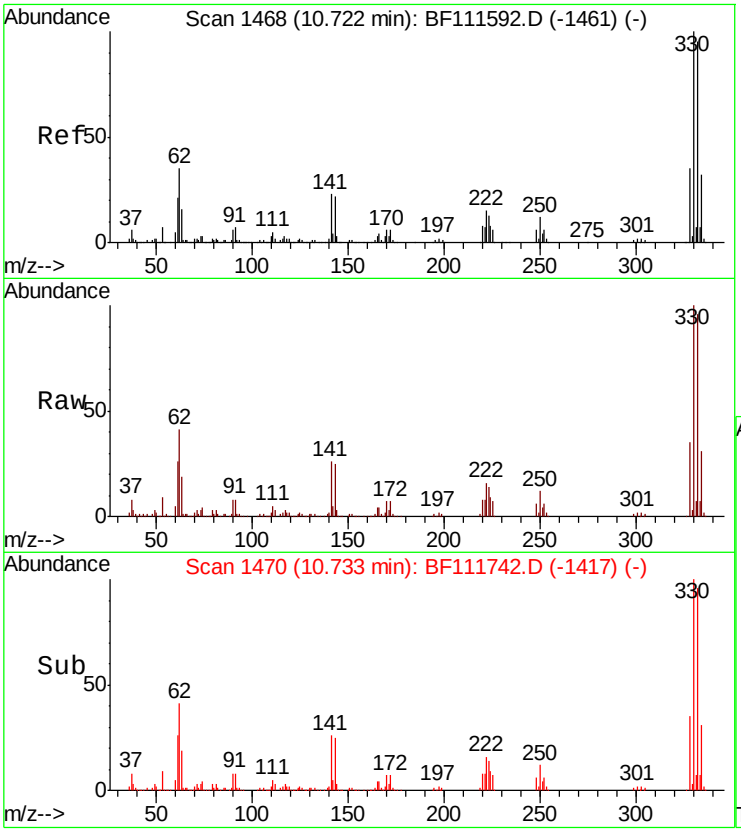


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion:164 Resp: 183162

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.4	122.0
160	44.7	35.7	53.5



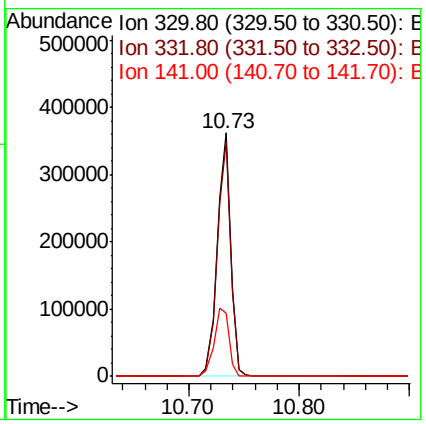


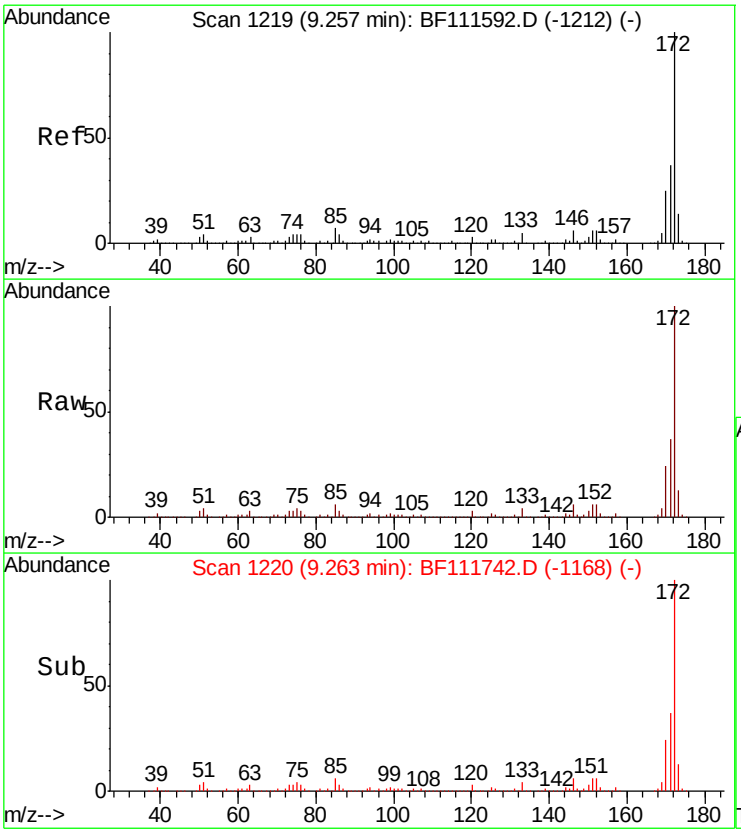
#42
2,4,6-Tribromophenol
Concen: 142.033 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion:330 Resp: 307387

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	31.0	31.0	46.6#

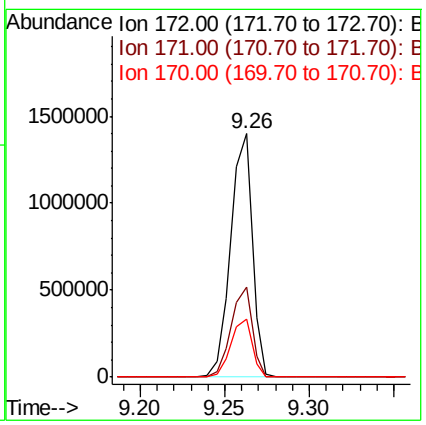


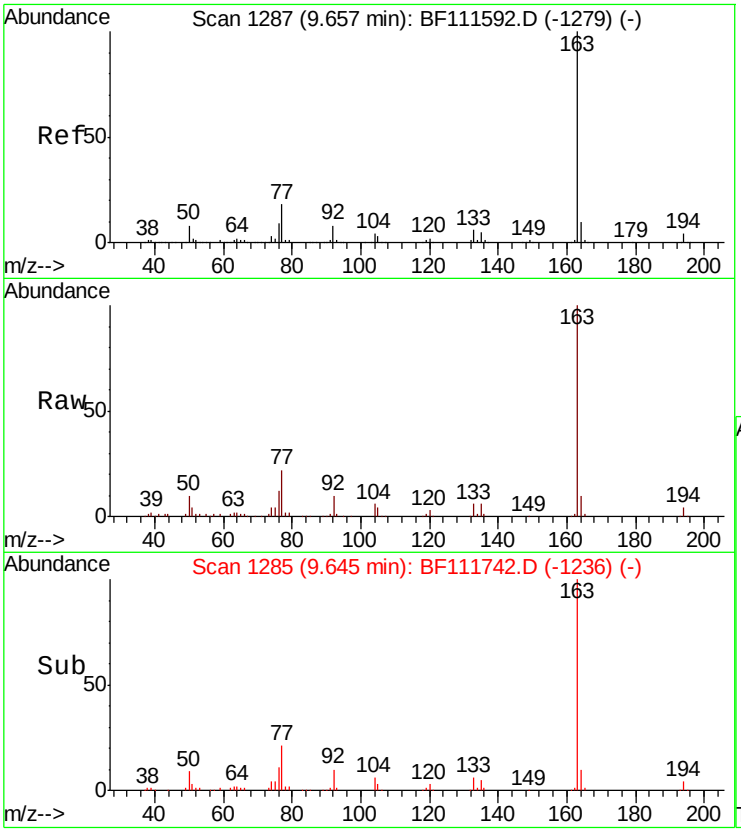


#45
2-Fluorobiphenyl
Concen: 98.888 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion:172 Resp: 1242647

Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.0	49.4
170	24.0	22.3	33.5



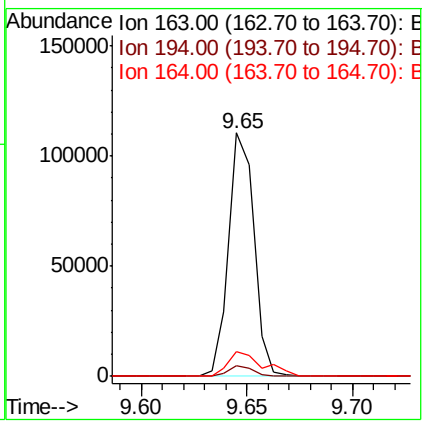


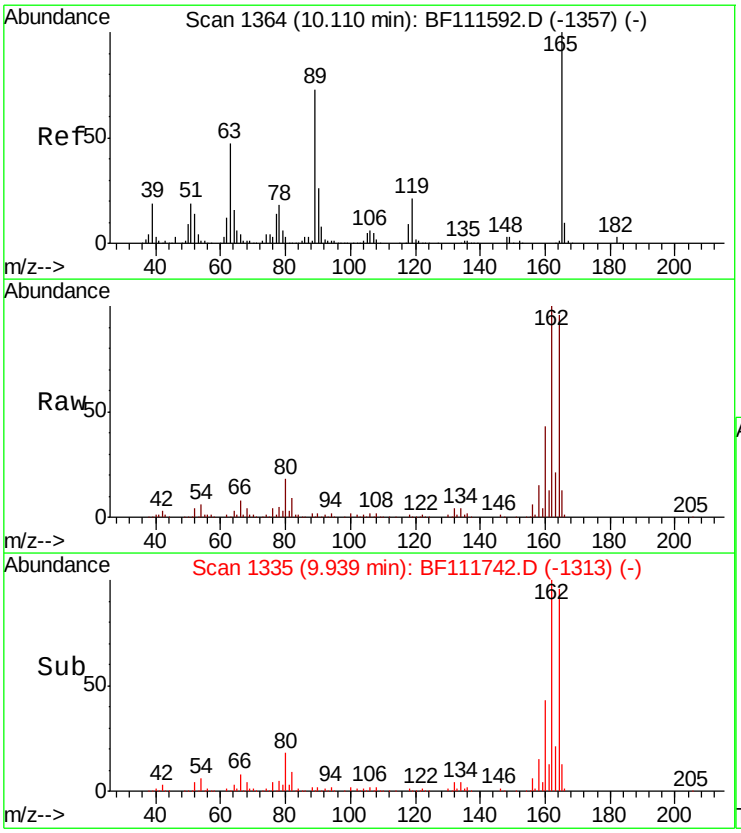
#50
Dimethylphthalate
Concen: 6.875 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion:163 Resp: 92086

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.0	8.9	13.3

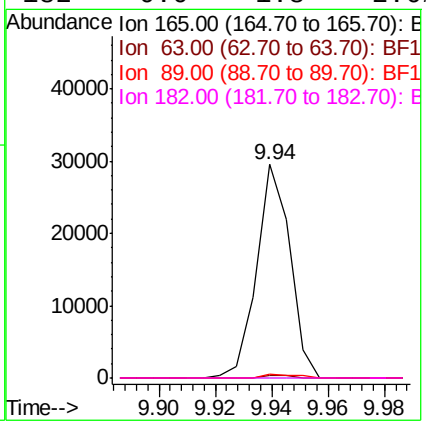


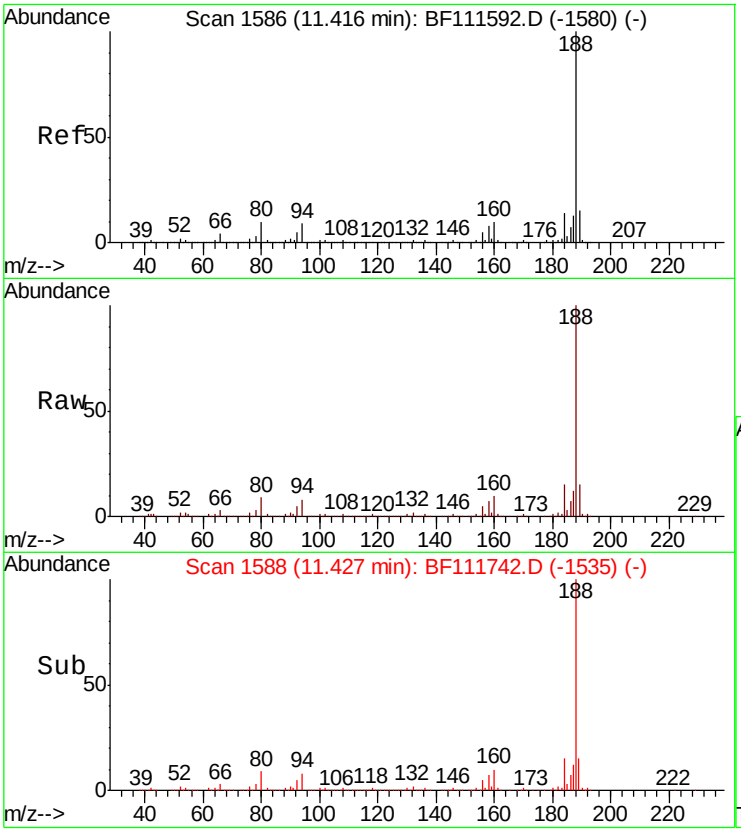


#57
2,4-Dinitrotoluene
Concen: 7.531 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion:165 Resp: 24174

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.8	56.2	84.4#
182	0.0	1.8	2.6#



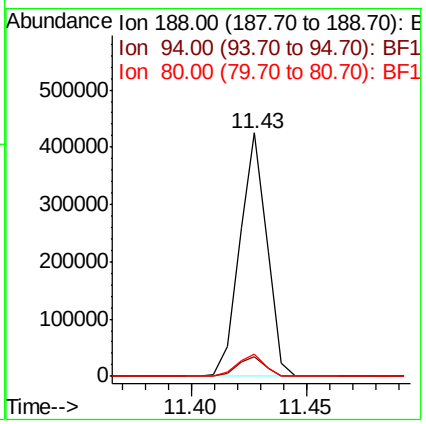


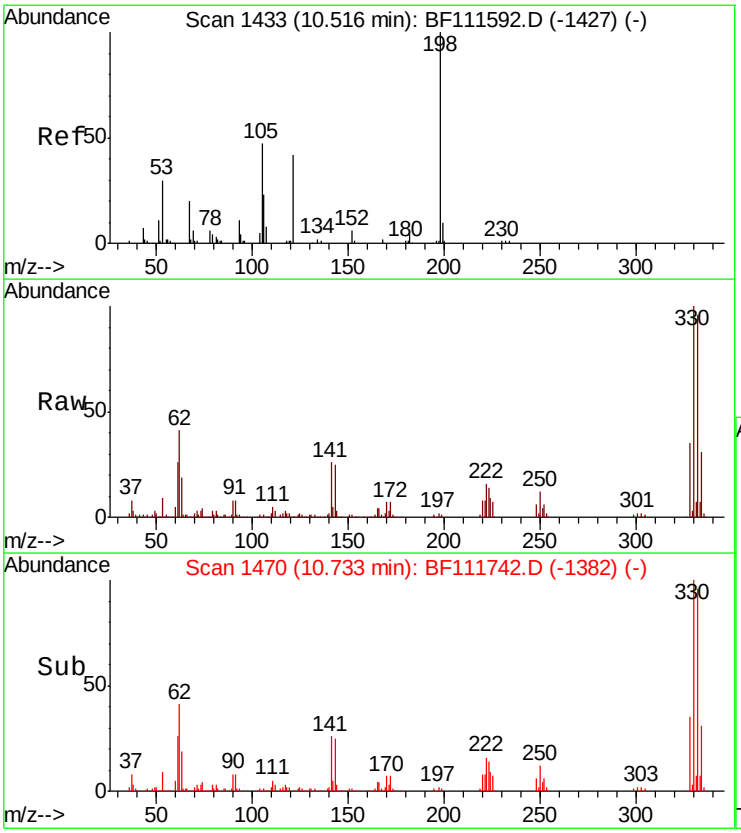
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion:188 Resp: 346568

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	9.3	9.8	14.6#

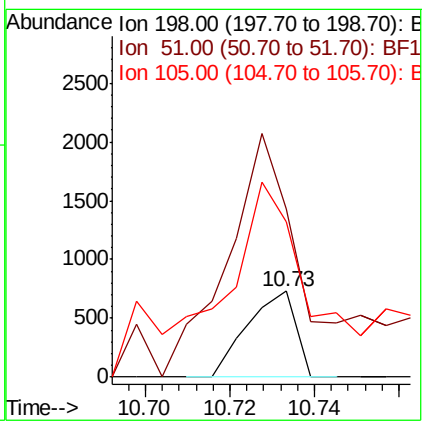


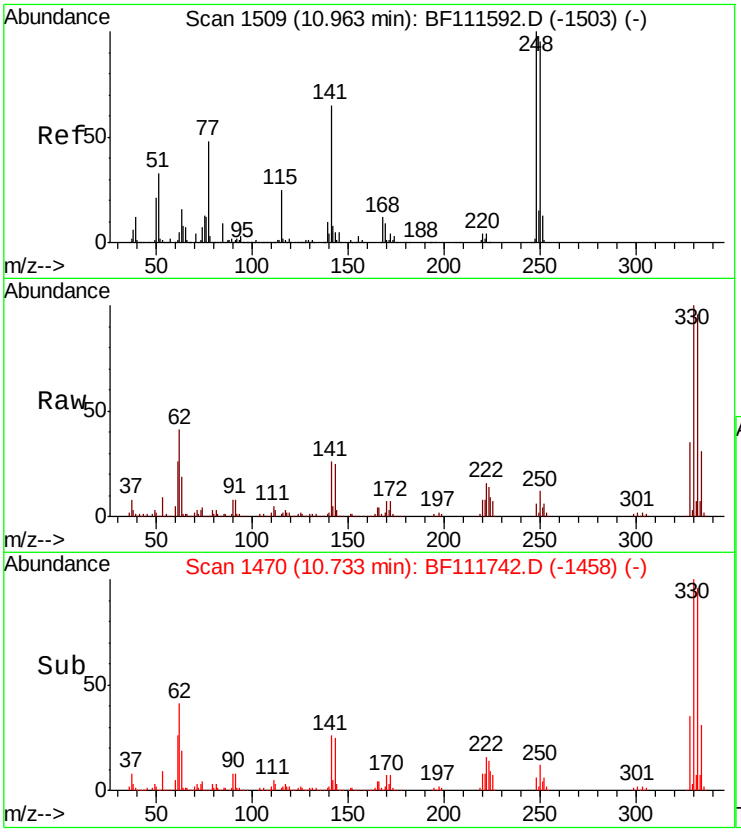


#65
4,6-Dinitro-2-methylphenol
Concen: 7.043 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.22 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion:198 Resp: 583

Ion	Ratio	Lower	Upper
198	100		
51	194.9	48.0	88.0#
105	180.7	34.0	74.0#



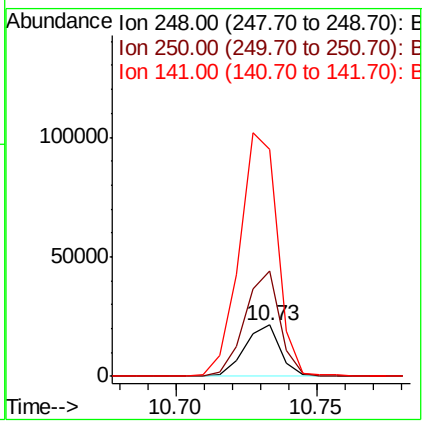


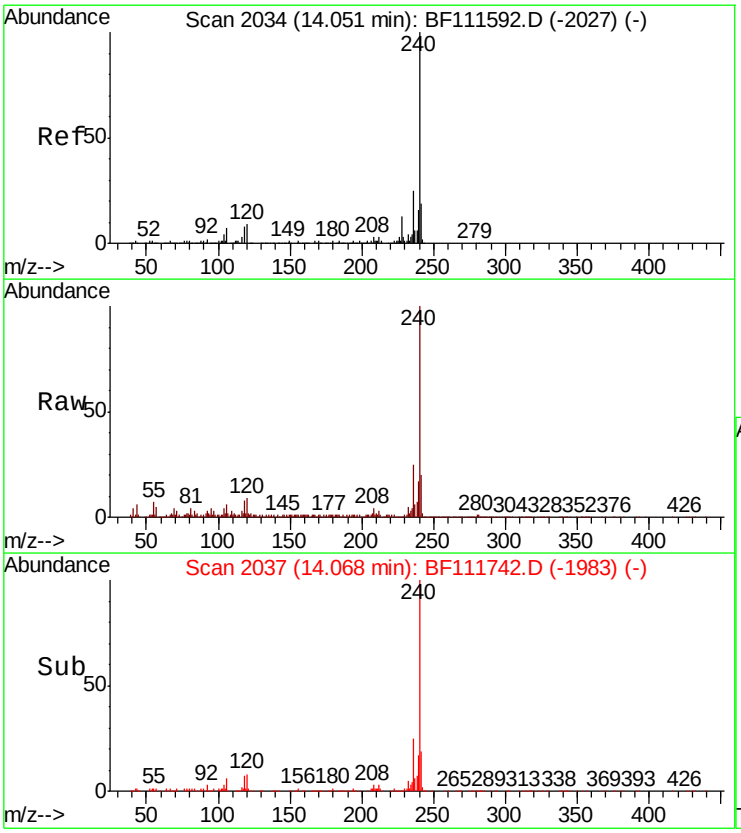
#67
4-Bromophenyl-phenylether
Concen: 4.324 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.23 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion:248 Resp: 18588

Ion	Ratio	Lower	Upper
248	100		
250	205.4	77.0	115.4#
141	444.1	63.0	94.6#

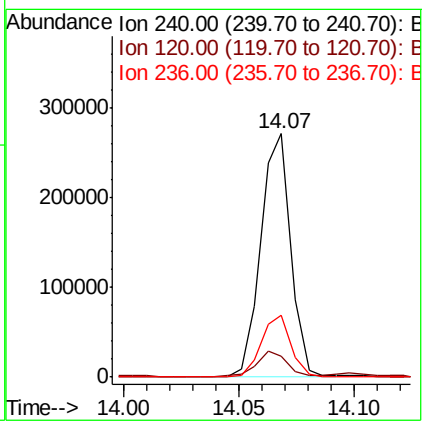


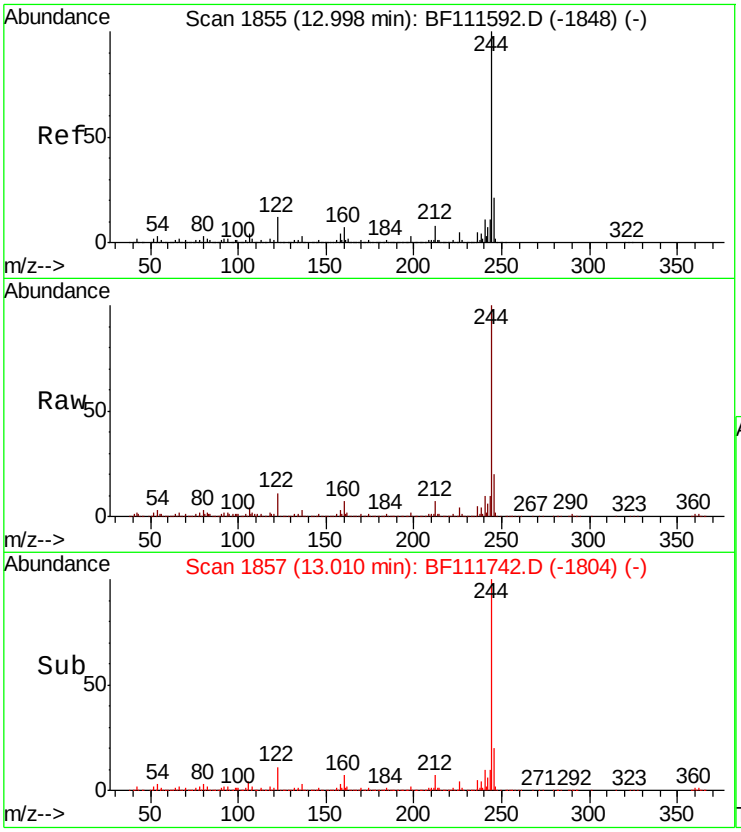


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion:240 Resp: 243735

Ion	Ratio	Lower	Upper
240	100		
120	8.8	12.2	18.2#
236	25.5	20.2	30.2



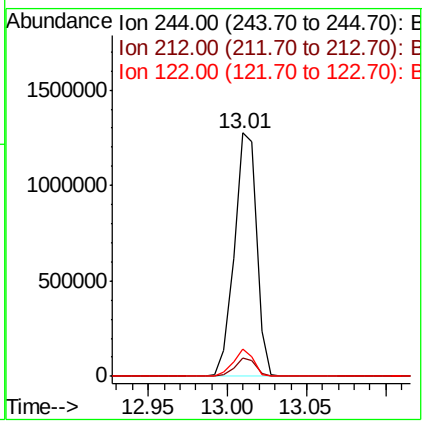


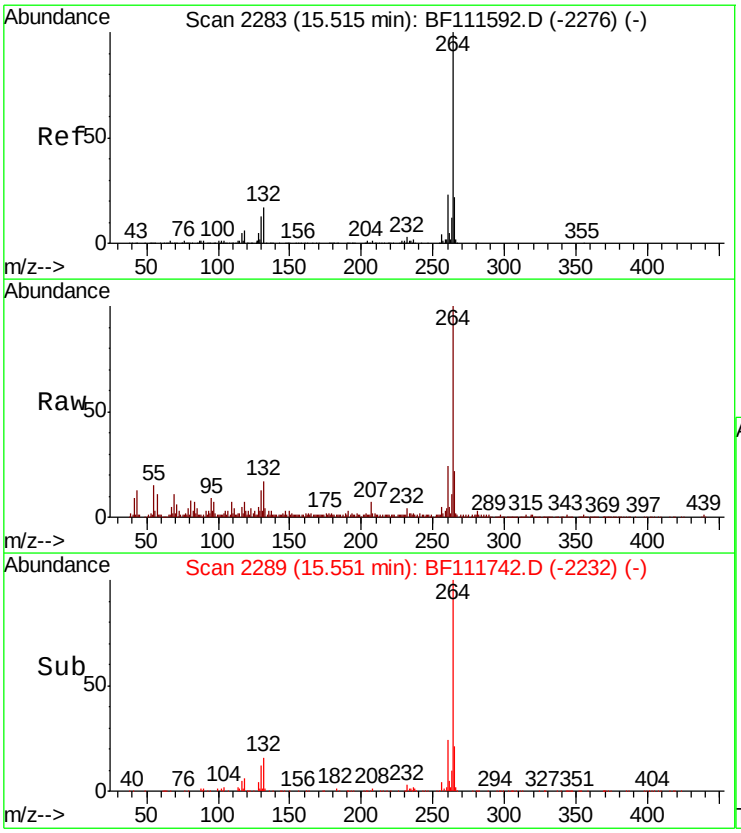
#79
Terphenyl-d14
Concen: 96.631 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Instrument :
BNA_F
ClientSampleId :
P001-SS026-1218-01

Tgt Ion:244 Resp: 1241946

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.4	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111742.D
Acq: 27 Dec 2018 4:18

Tgt Ion:264 Resp: 192580

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.3	27.5
265	21.9	17.7	26.5