Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
Sample : J6446-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0612-01

Quant Time: Dec 27 06:02:52 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	134756	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	442259	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	205540	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	407308	20.00	ng		0.01
76) Chrysene-d12	14.07	240	278824	20.00	ng		0.02
87) Perylene-d12	15.56	264	223125	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	616707	78.01	ng		0.02
7) Phenol-d6	6.55	99	734390	72.99	ng		0.02
23) Nitrobenzene-d5	7.46	82	464181	61.09	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	205048	84.43	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	838608	59.47	ng		0.00
79) Terphenyl-d14	13.02	244	877277	59.67	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.56	94	49544	4.364	ng		96
50) Dimethylphthalate	9.65	163	105730	7.034	ng	#	98
77) Benzidine	12.74	184	30145	2.873	ng	#	72

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

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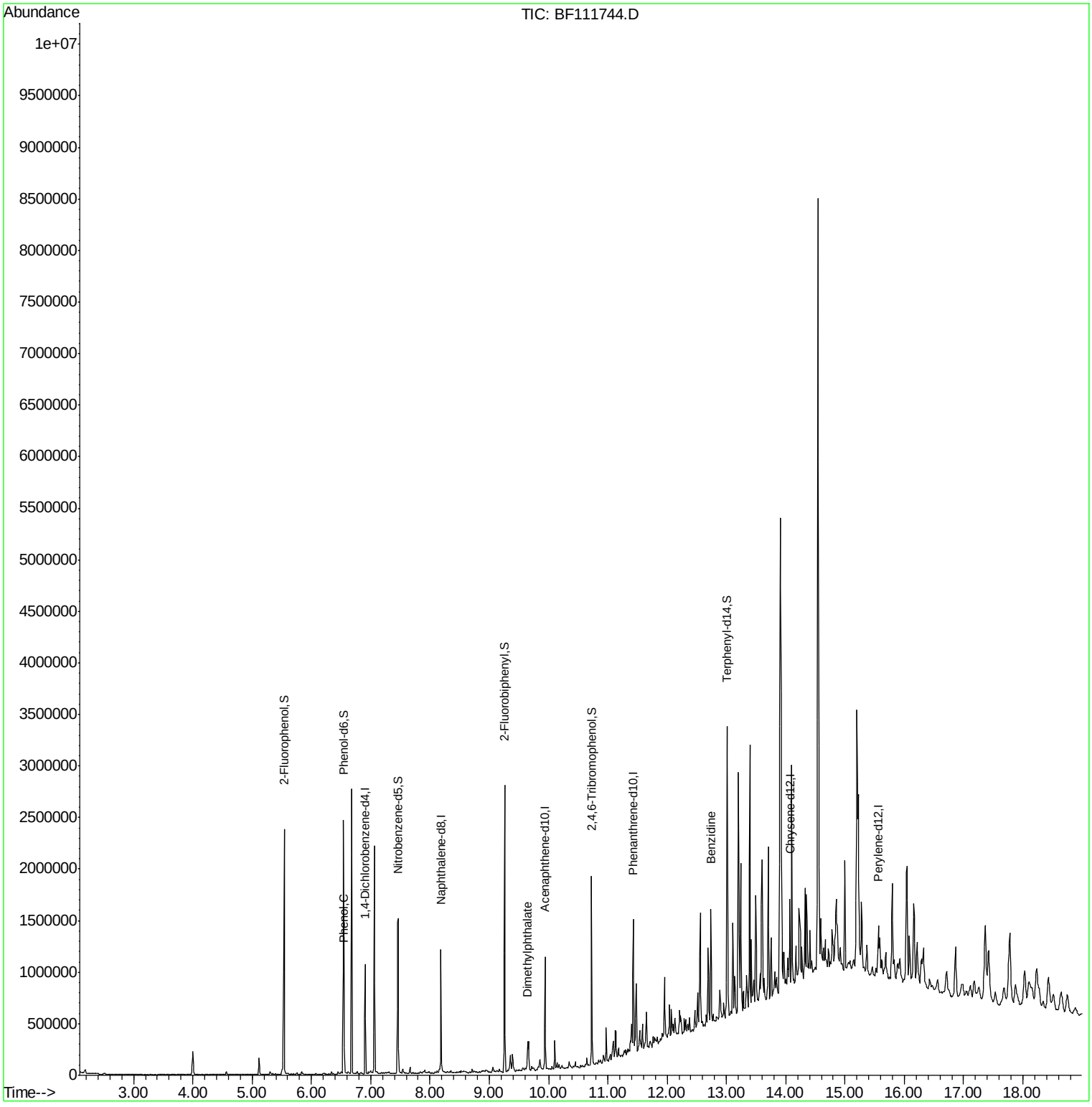
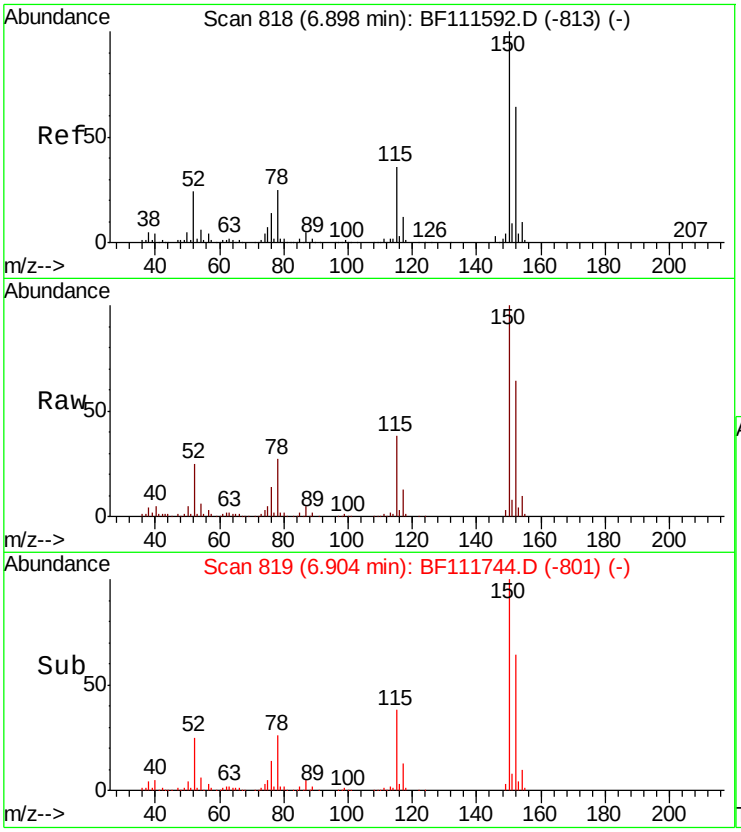


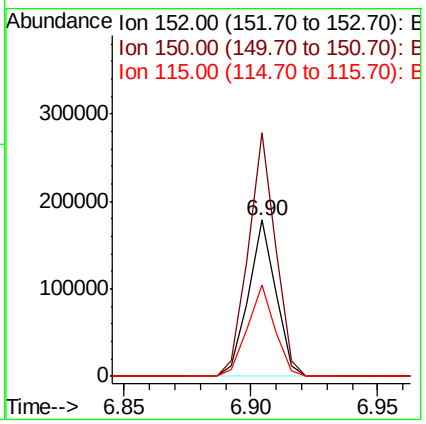


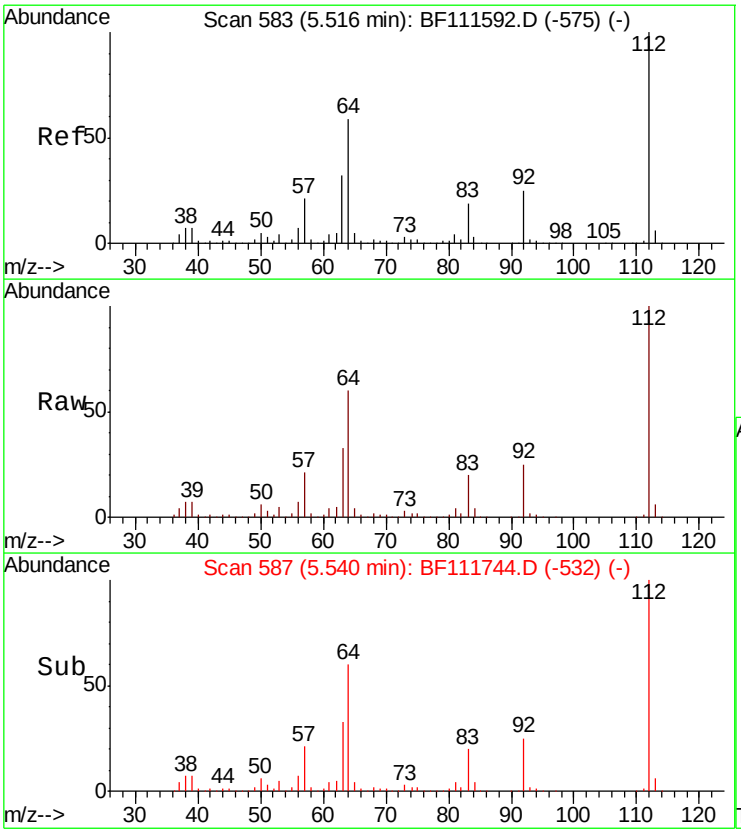
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

Tgt Ion:152 Resp: 134756

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	58.7	50.7	76.1

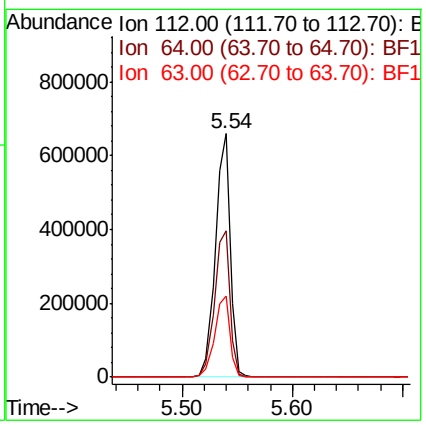


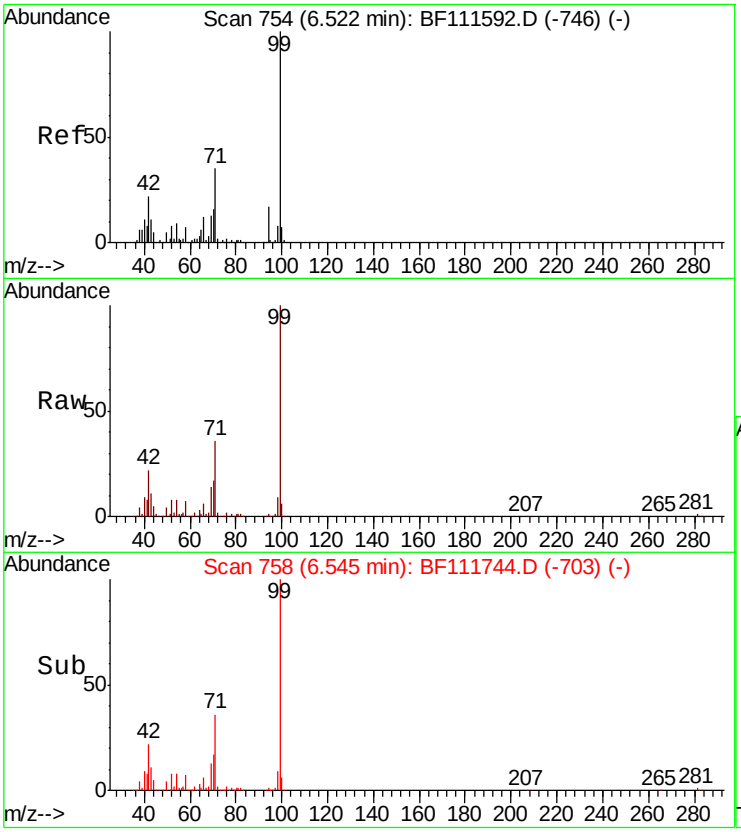


#5
2-Fluorophenol
Concen: 78.007 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Tgt Ion:112 Resp: 616707

Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	33.2	26.8	40.2



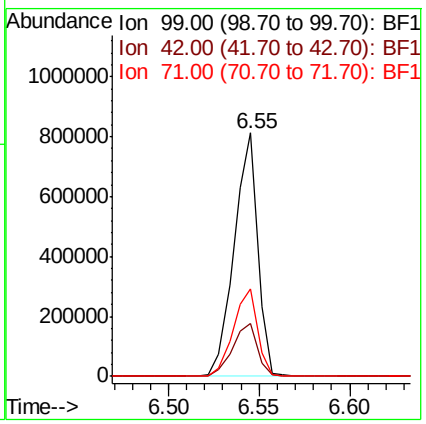


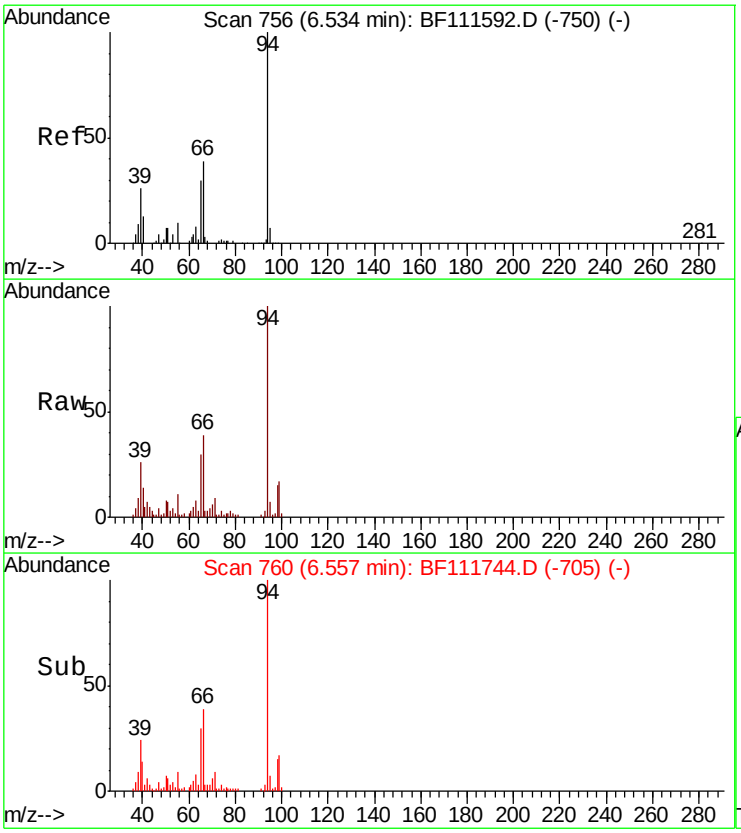
#7
Phenol-d6
Concen: 72.992 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

Tgt Ion: 99 Resp: 734390

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	36.0	26.1	39.1

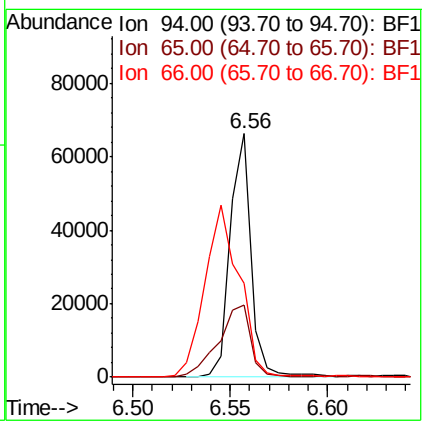


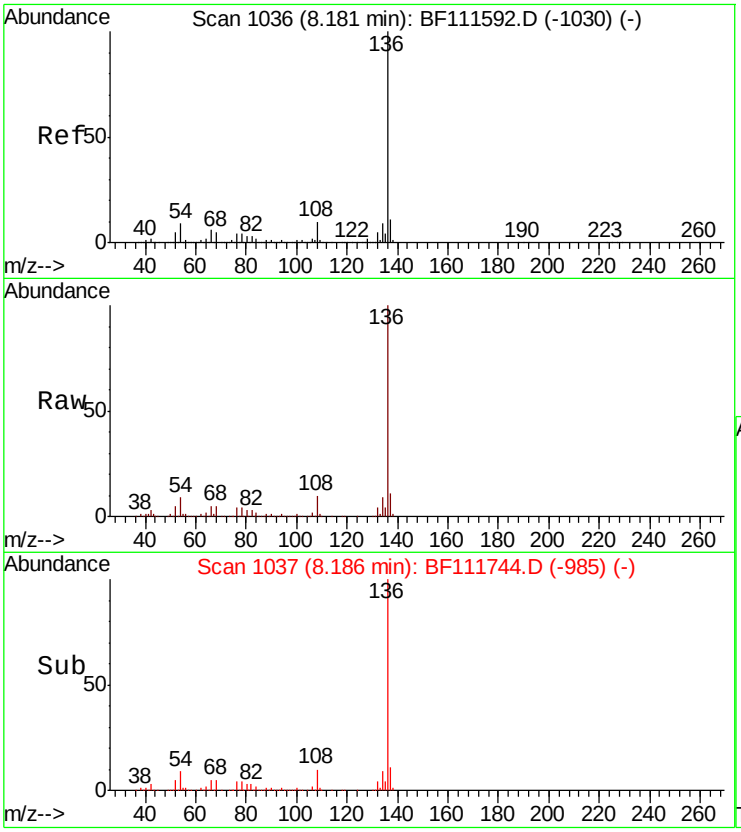


#10
Phenol
Concen: 4.364 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Tgt Ion: 94 Resp: 49544

Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.7	51.7
66	38.6	21.0	61.0



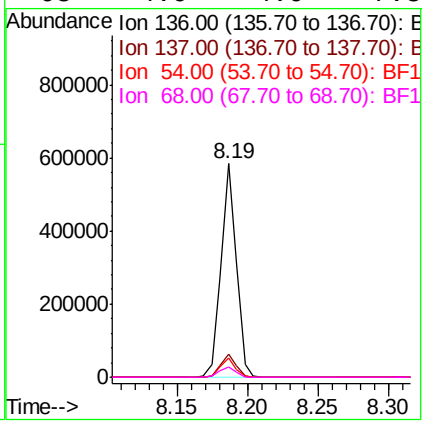


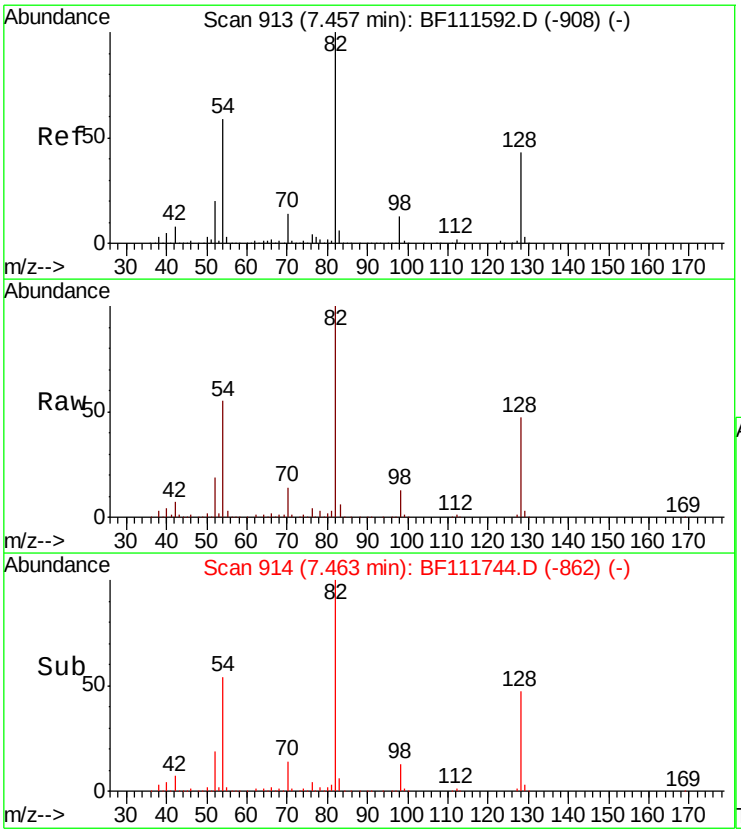
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

Tgt Ion:136 Resp: 442259

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

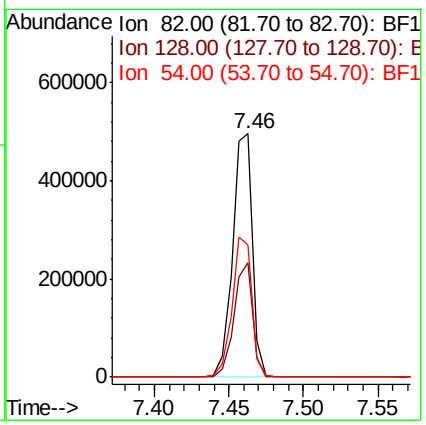


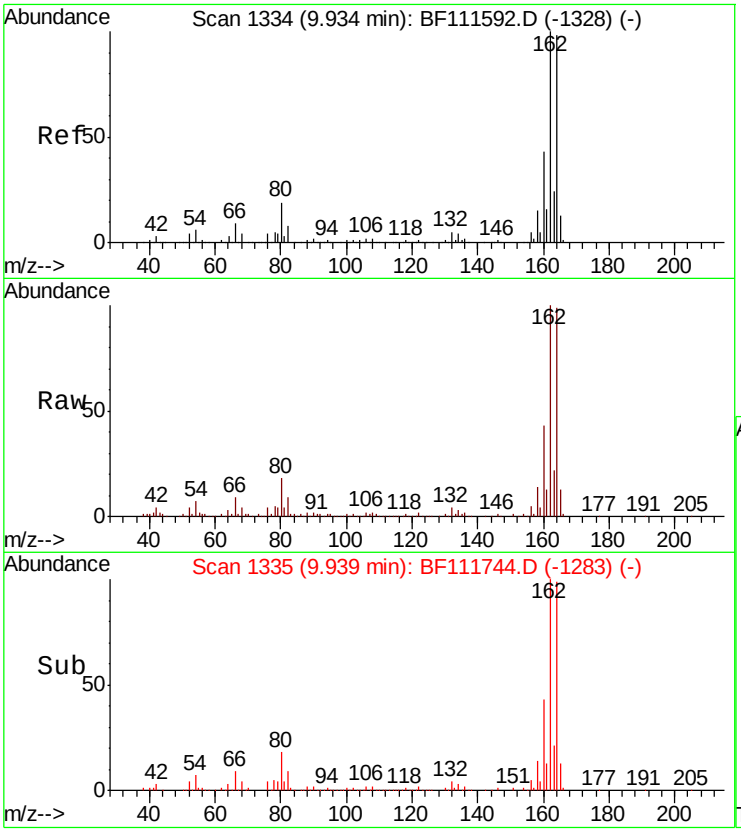


#23
Nitrobenzene-d5
Concen: 61.093 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Tgt Ion: 82 Resp: 464181

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	54.5	47.6	71.4



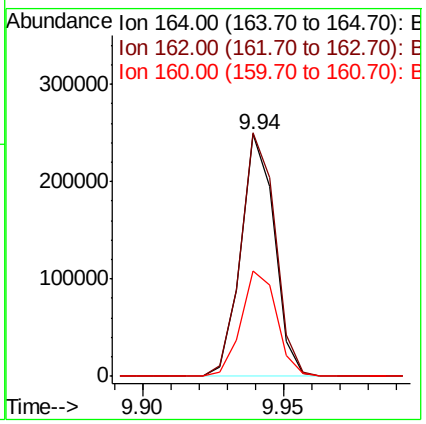


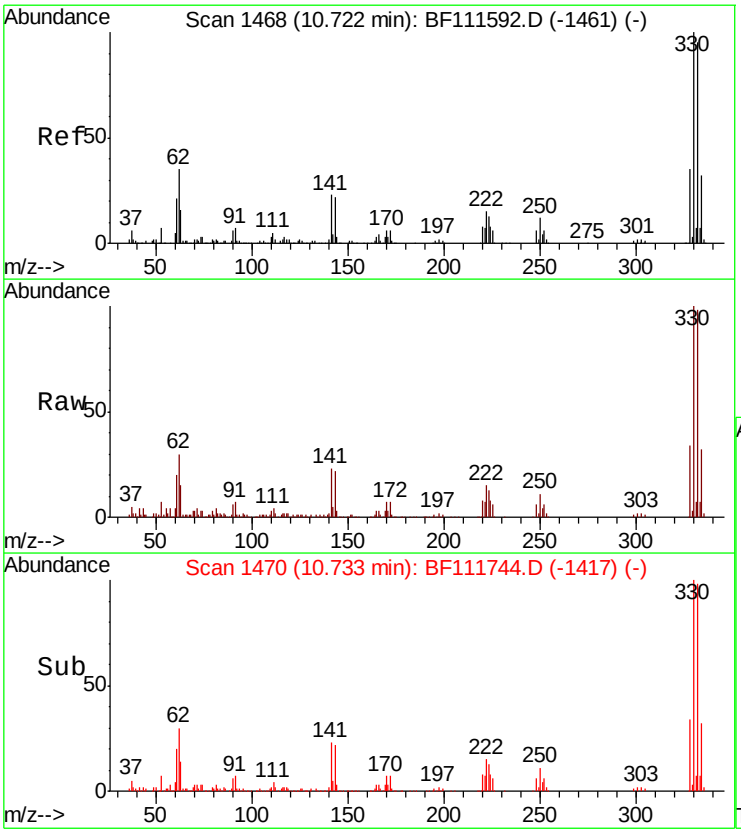
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

Tgt Ion:164 Resp: 205540

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	43.7	35.7	53.5

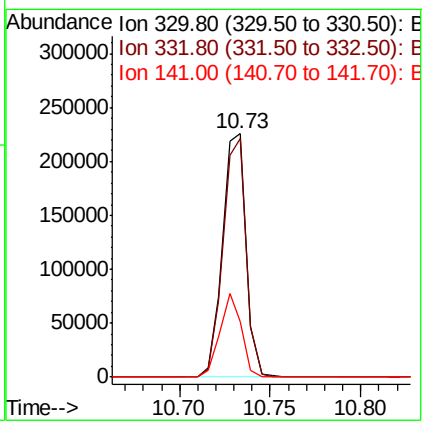


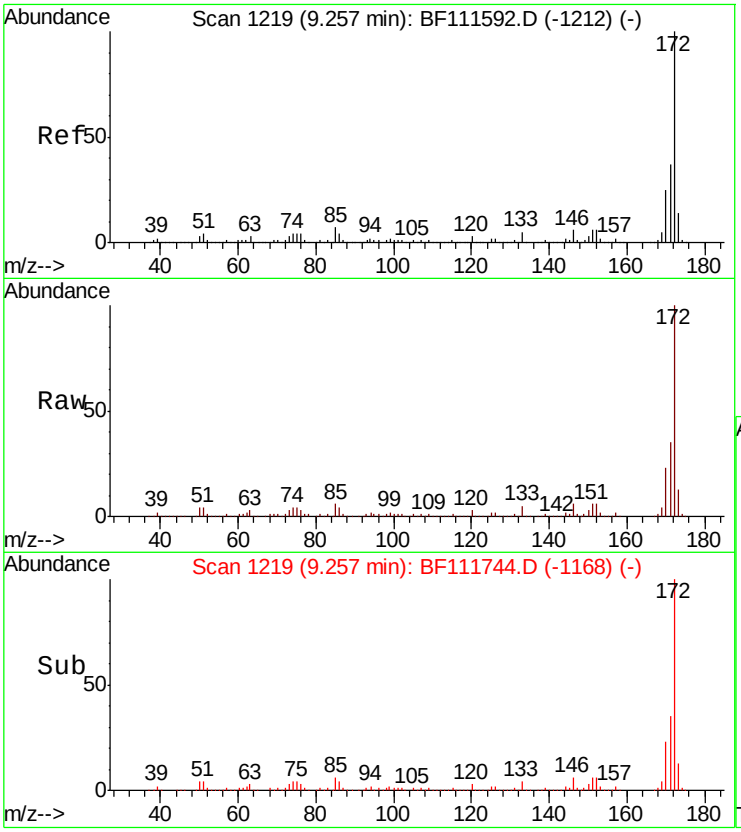


#42
2,4,6-Tribromophenol
Concen: 84.430 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Tgt Ion:330 Resp: 205048

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	31.4	31.0	46.6



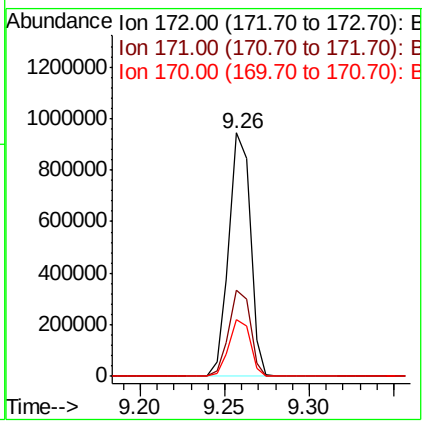


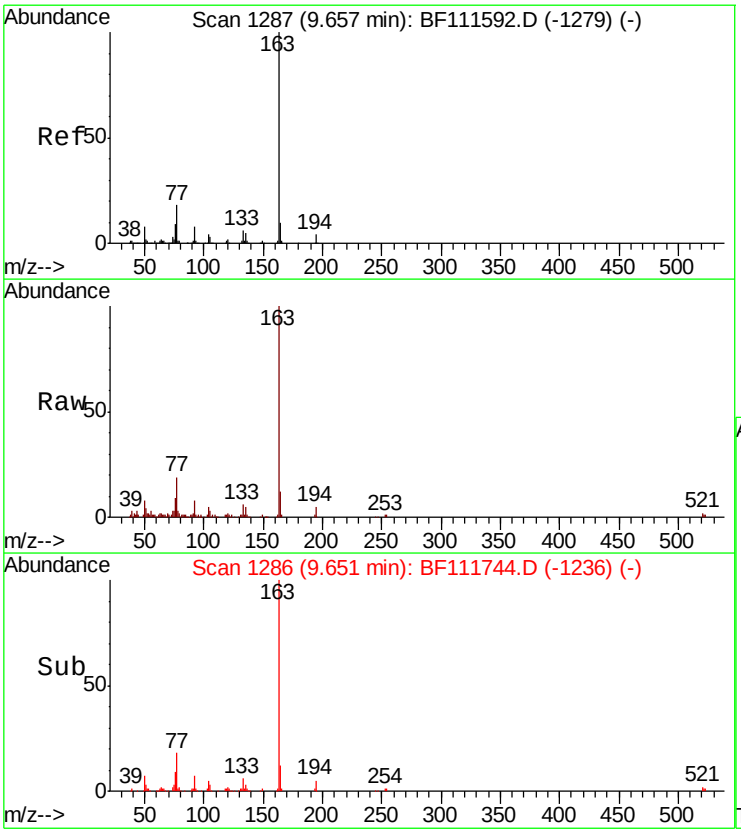
#45
2-Fluorobiphenyl
Concen: 59.469 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

Tgt Ion:172 Resp: 838608

Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	23.3	22.3	33.5

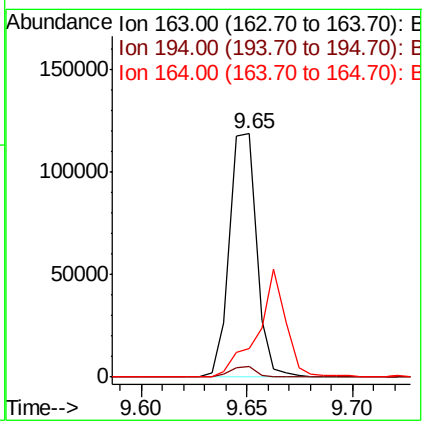


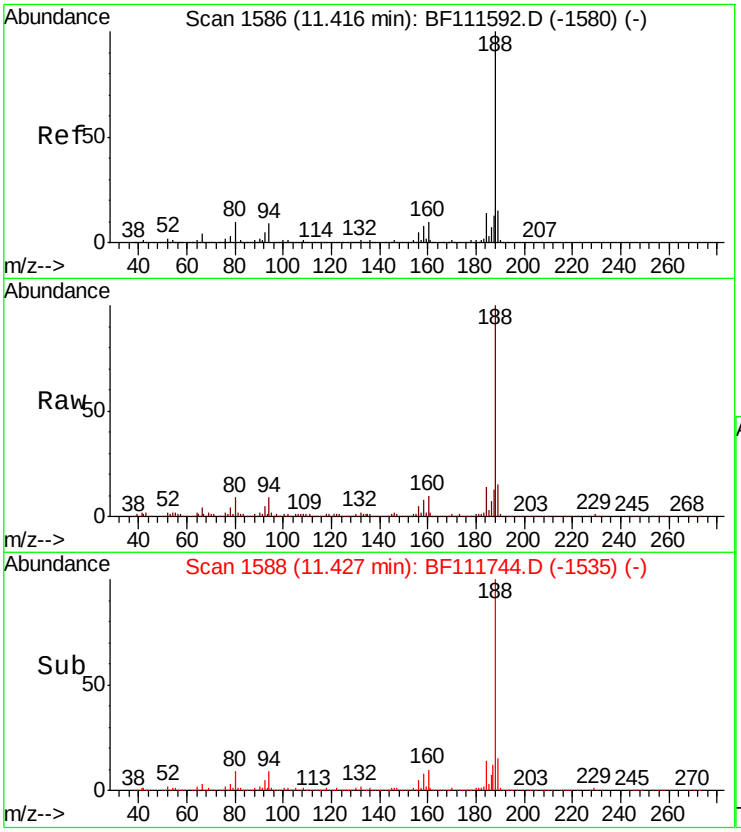


#50
Dimethylphthalate
Concen: 7.034 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Tgt Ion:163 Resp: 105730

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	11.7	8.9	13.3



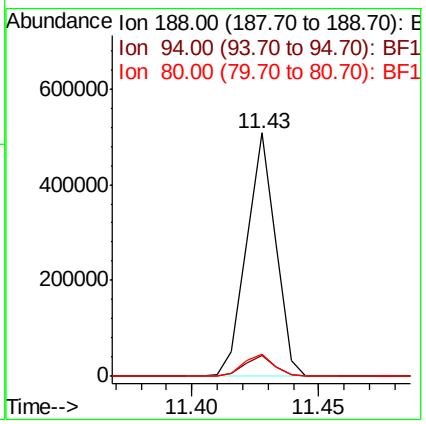


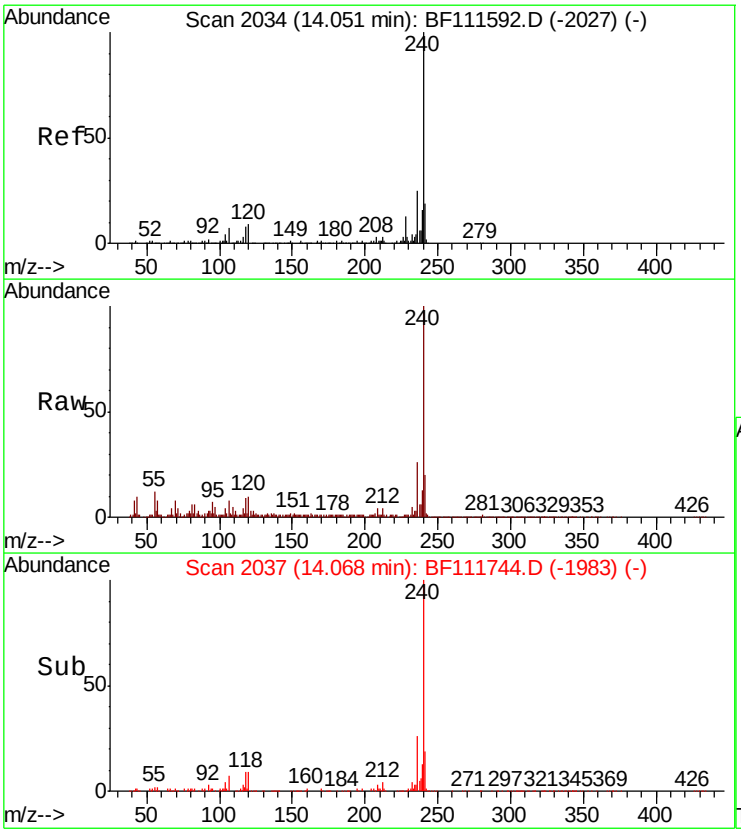
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

Tgt Ion:188 Resp: 407308

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	9.0	9.8	14.6#

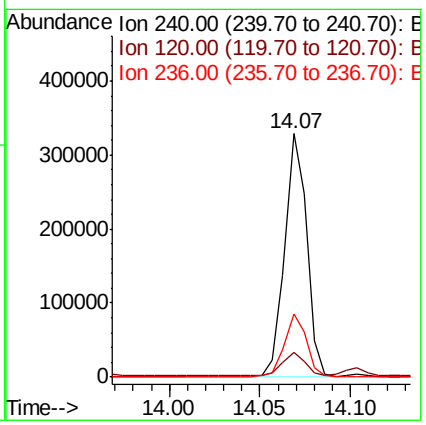


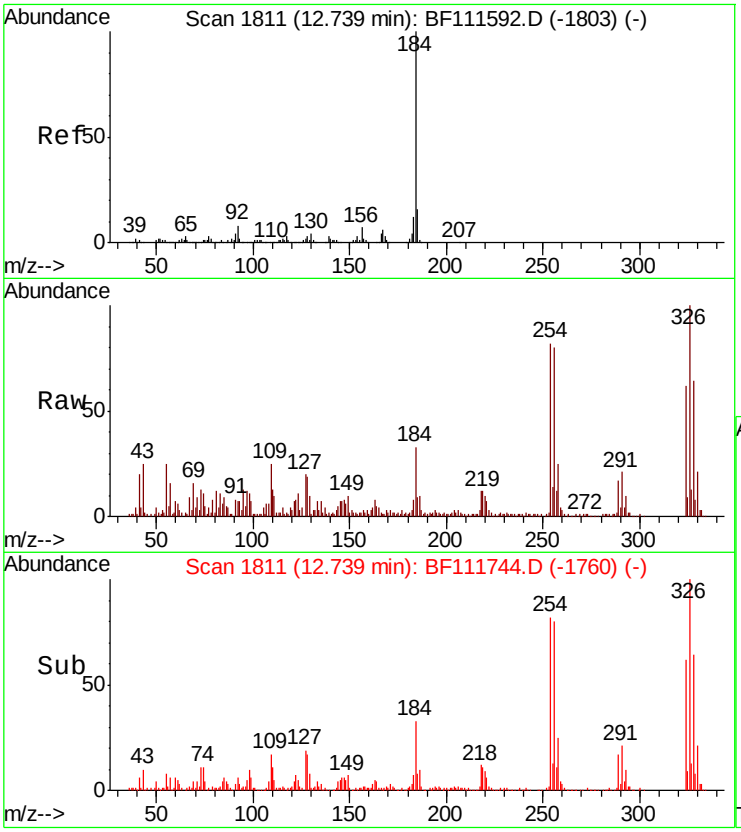


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Tgt Ion:240 Resp: 278824

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	26.0	20.2	30.2



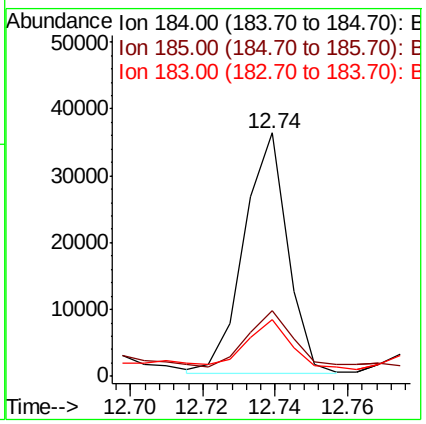


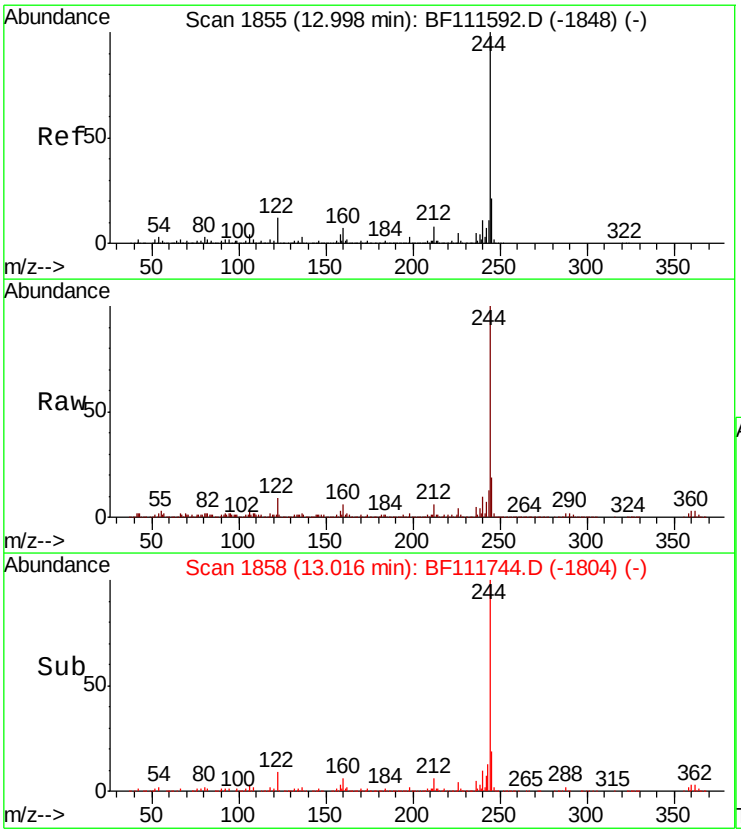
#77
Benzidine
Concen: 2.873 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

Tgt Ion:184 Resp: 30145

Ion	Ratio	Lower	Upper
184	100		
185	27.2	13.0	19.6#
183	23.4	9.3	13.9#

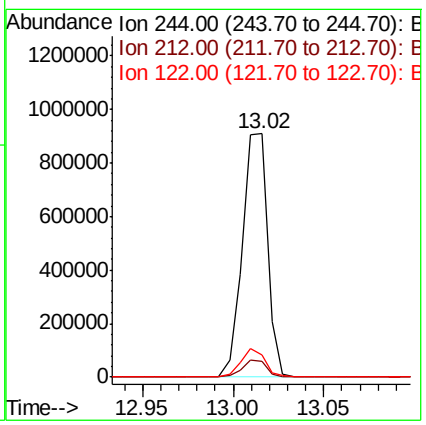


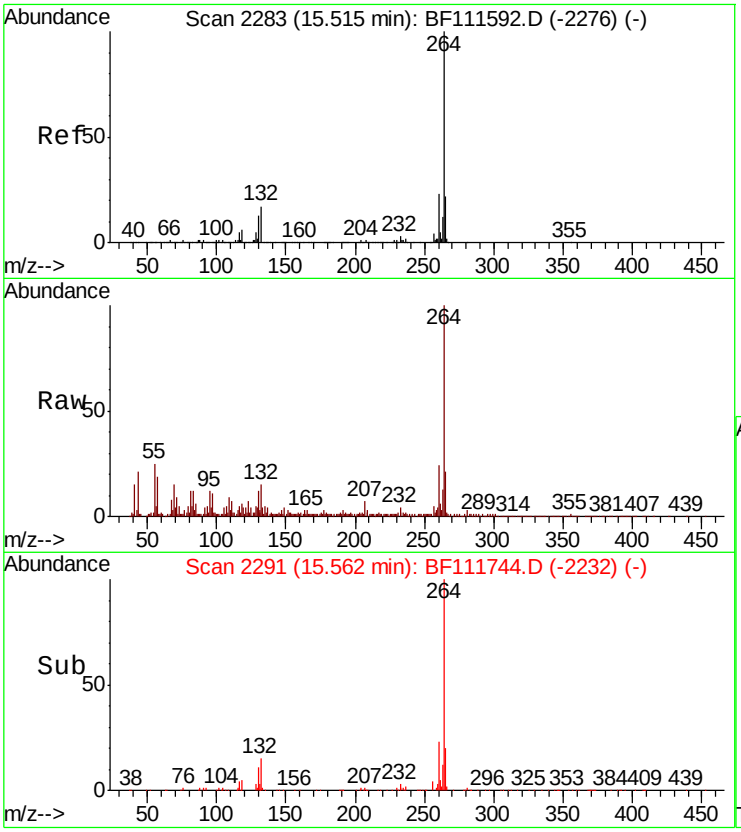


#79
Terphenyl-d14
Concen: 59.668 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111744.D
Acq: 27 Dec 2018 5:12

Tgt Ion:244 Resp: 877277

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.0	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: BF111744.D
Acq: 27 Dec 2018 5:12

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

Tgt Ion:264 Resp: 223125

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.1	17.7	26.5