Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111632.D
Acq On : 20 Dec 2018 11:54
Operator : JU/SJ
Sample : J6353-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS002-0002-01

Quant Time: Dec 20 14:09:34 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	205860	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	759181	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	350538	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	543468	20.00	ng		0.00
76) Chrysene-d12	14.06	240	460402	20.00	ng		0.00
87) Perylene-d12	15.53	264	460172	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1244842	103.07	ng		0.00
7) Phenol-d6	6.53	99	1586801	103.24	ng		0.00
23) Nitrobenzene-d5	7.46	82	936606	71.81	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	350937	84.73	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1305549	54.29	ng		0.00
79) Terphenyl-d14	13.00	244	986112	40.62	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	40802	3.860	ng		88
10) Phenol	6.54	94	385517	22.230	ng		96
17) 2-Methylphenol	7.14	107	22659	2.115	ng	#	88
22) Acetophenone	7.30	105	84761	4.407	ng	#	83
31) Naphthalene	8.20	128	127849	3.505	ng		96
37) 2-Methylnaphthalene	8.89	142	55218	2.327	ng	#	96
38) 1-Methylnaphthalene	8.99	142	47753	2.095	ng	#	94
50) Dimethylphthalate	9.65	163	178435	6.961	ng		99
78) Pyrene	12.86	202	101781	3.131	ng	#	94
84) Bis(2-ethylhexyl)phthalate	14.04	149	115169	6.899	ng	#	98

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

Quantitation Report (LSC Reviewed)

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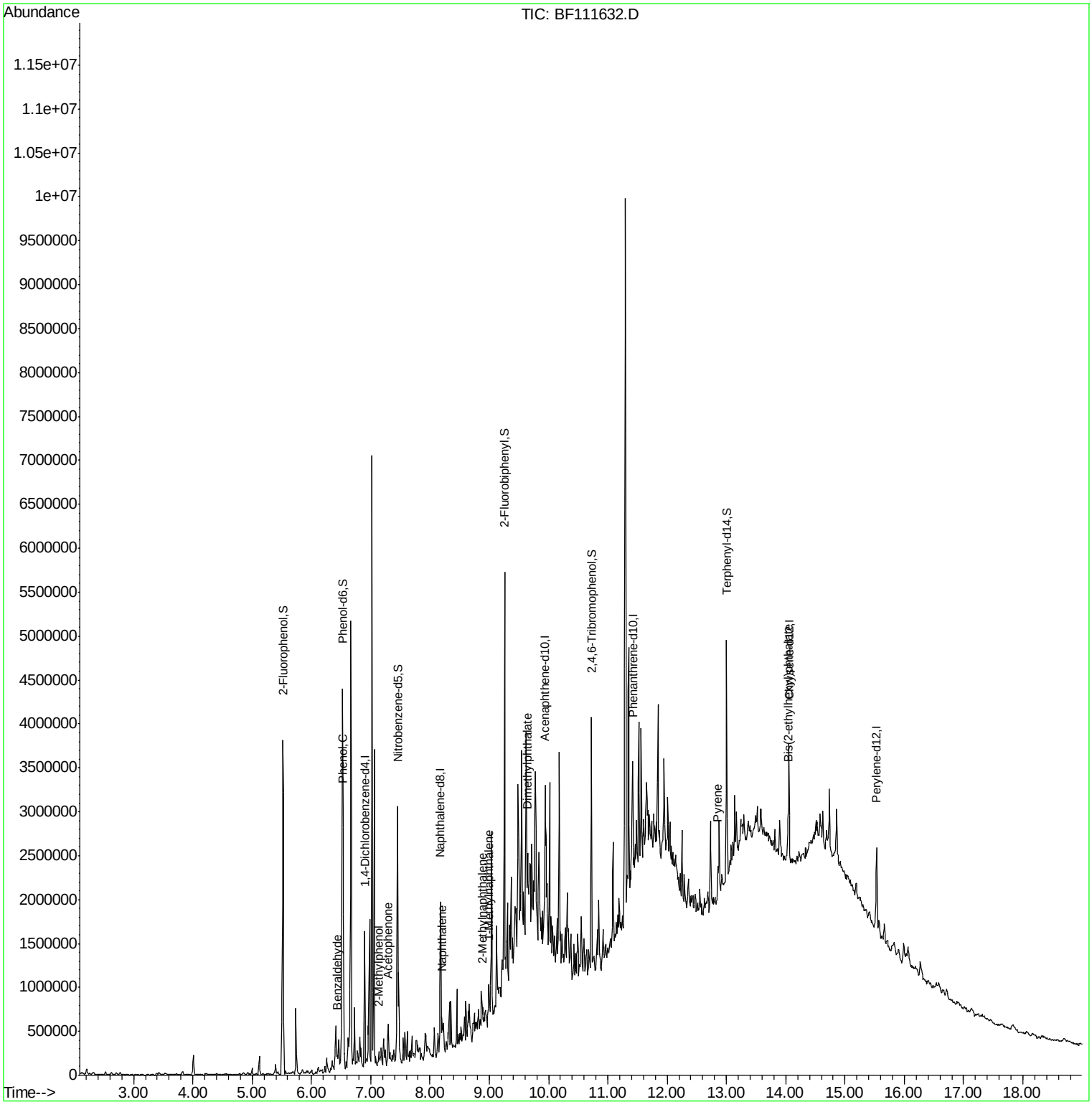
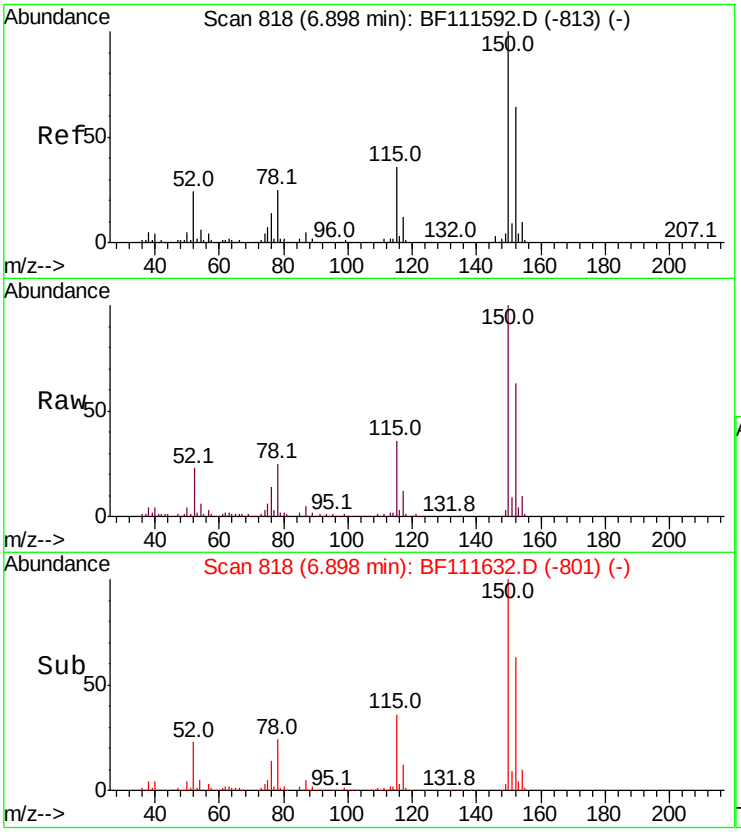
Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Quant Time: Dec 20 14:09:34 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



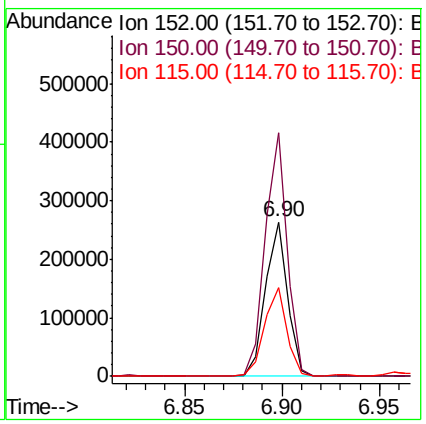


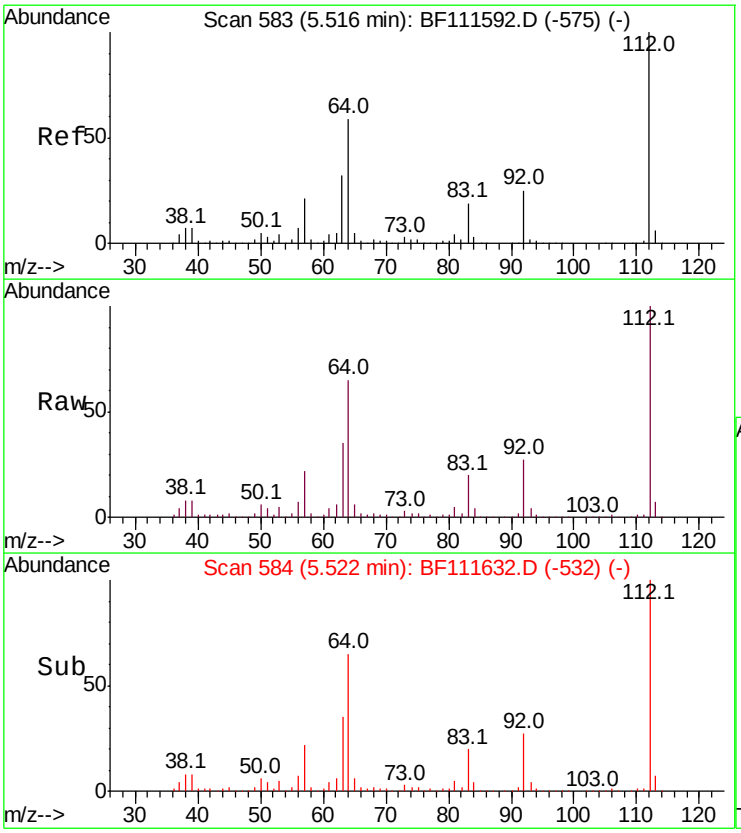
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:152 Resp: 205860

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	57.3	50.7	76.1

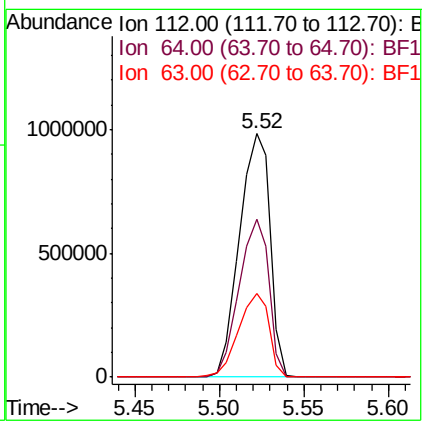


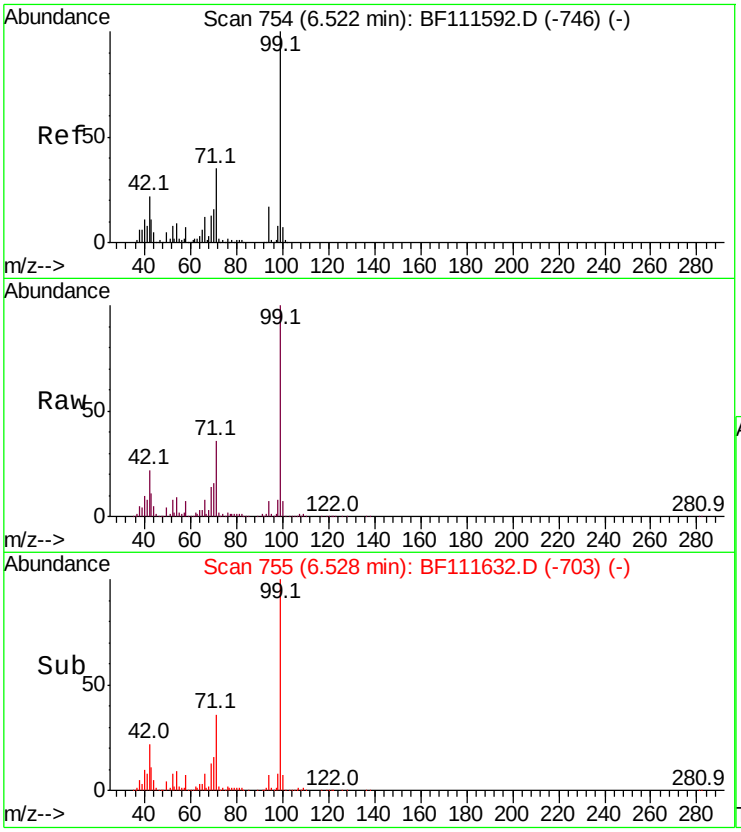


#5
2-Fluorophenol
Concen: 103.074 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:112 Resp: 1244842

Ion	Ratio	Lower	Upper
112	100		
64	64.7	51.8	77.6
63	34.5	26.8	40.2

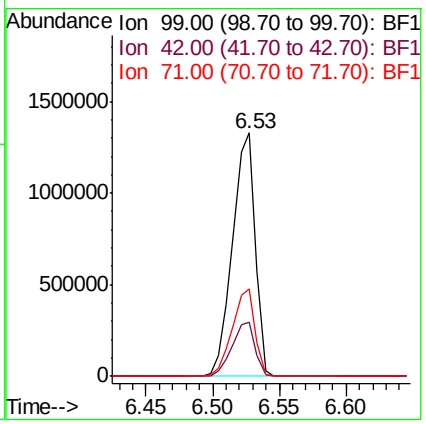




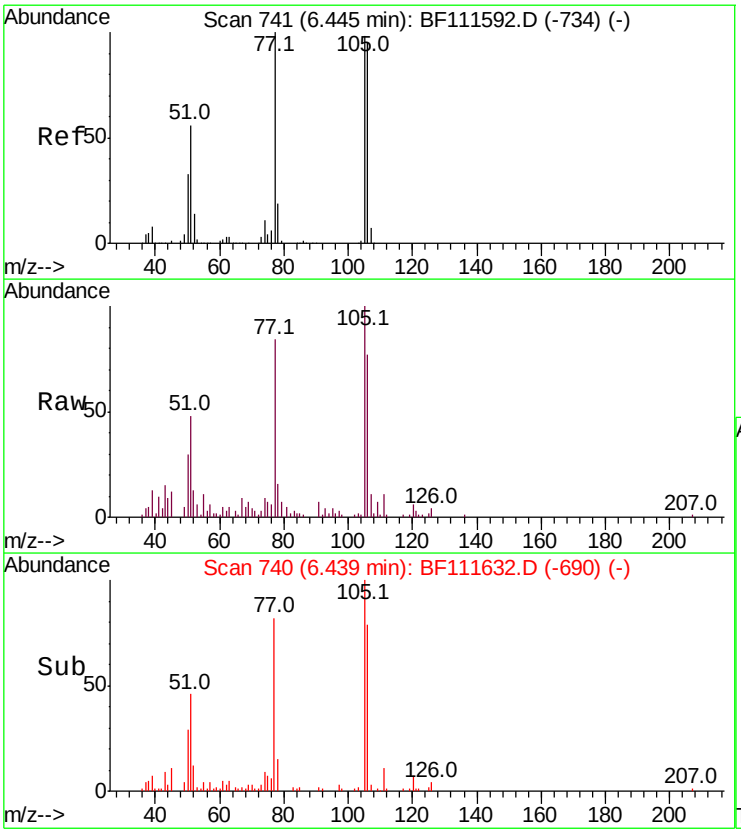
#7
Phenol-d6
Concen: 103.240 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion: 99 Resp: 1586801

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	36.0	26.1	39.1



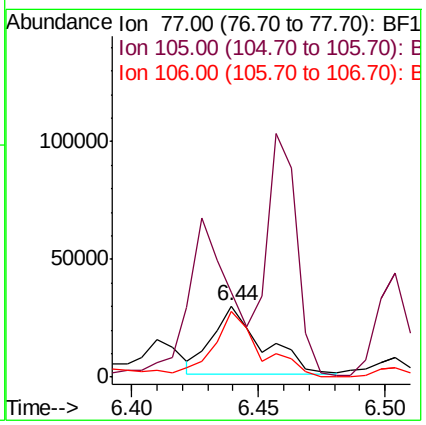
Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

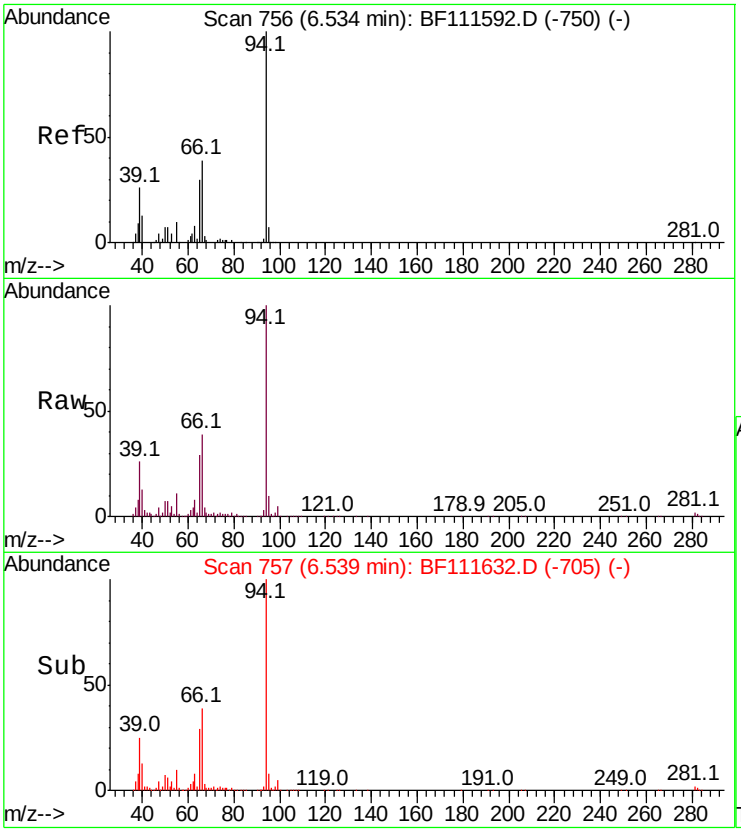


#9
Benzaldehyde
Concen: 3.860 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion: 77 Resp: 40802

Ion	Ratio	Lower	Upper
77	100		
105	119.6	81.4	121.4
106	91.6	77.9	117.9



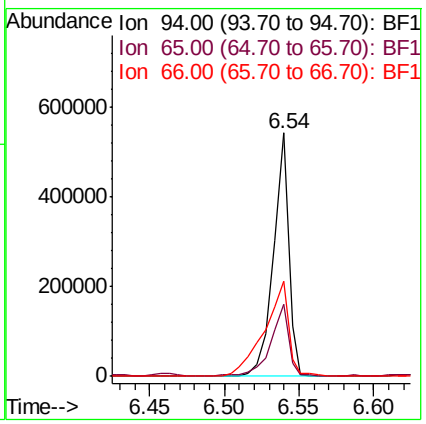


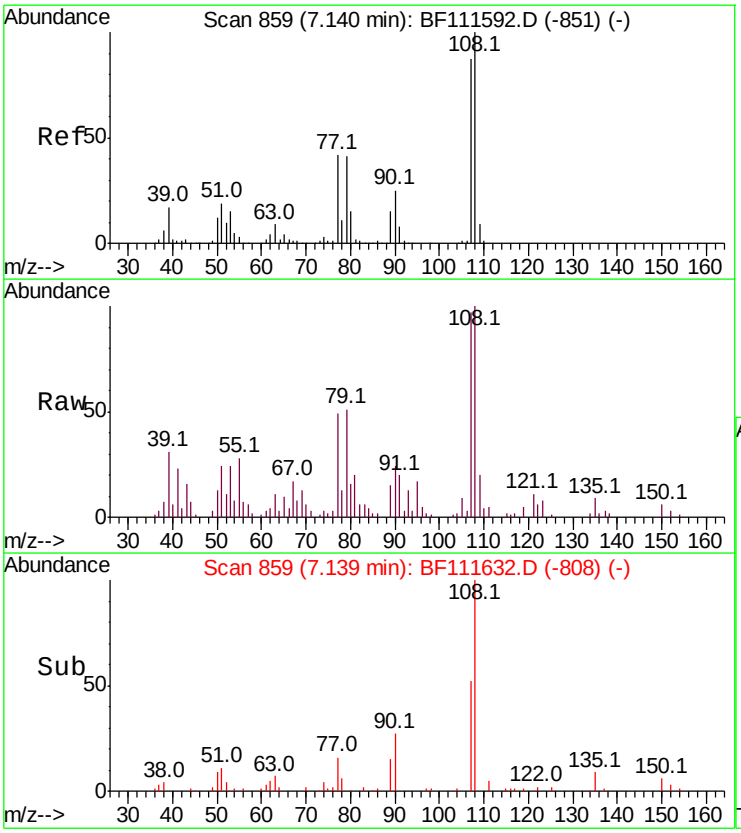
#10
Phenol
Concen: 22.230 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 94 Resp: 385517

Ion	Ratio	Lower	Upper
94	100		
65	29.5	11.7	51.7
66	38.9	21.0	61.0

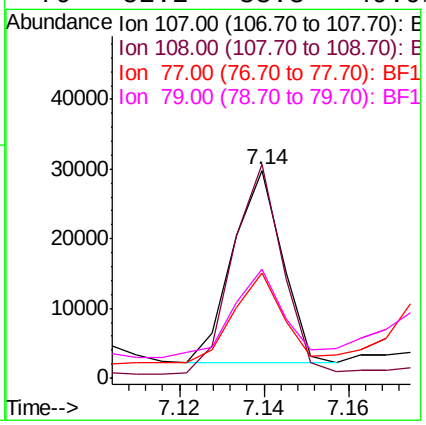


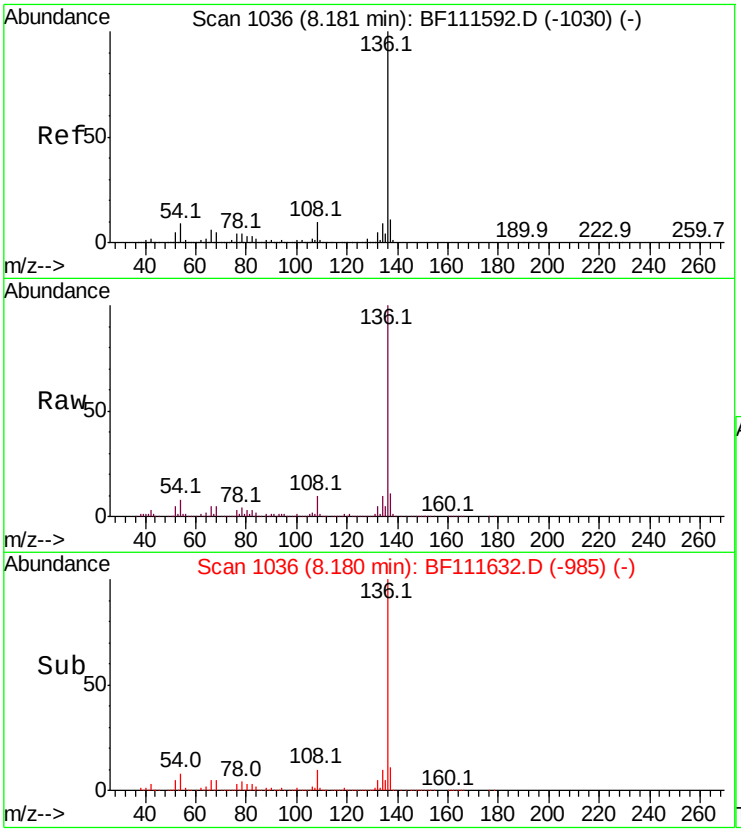


#17
2-Methylphenol
Concen: 2.115 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:107 Resp: 22659

Ion	Ratio	Lower	Upper
107	100		
108	102.8	91.0	136.4
77	50.4	33.5	50.3#
79	52.2	33.3	49.9#



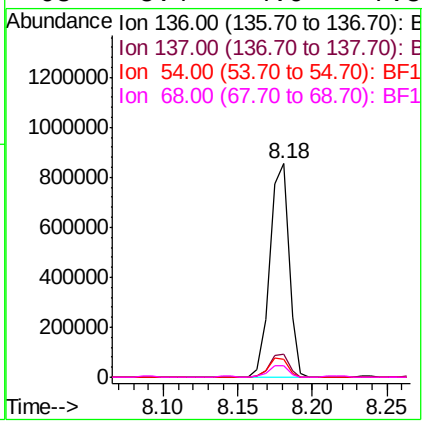


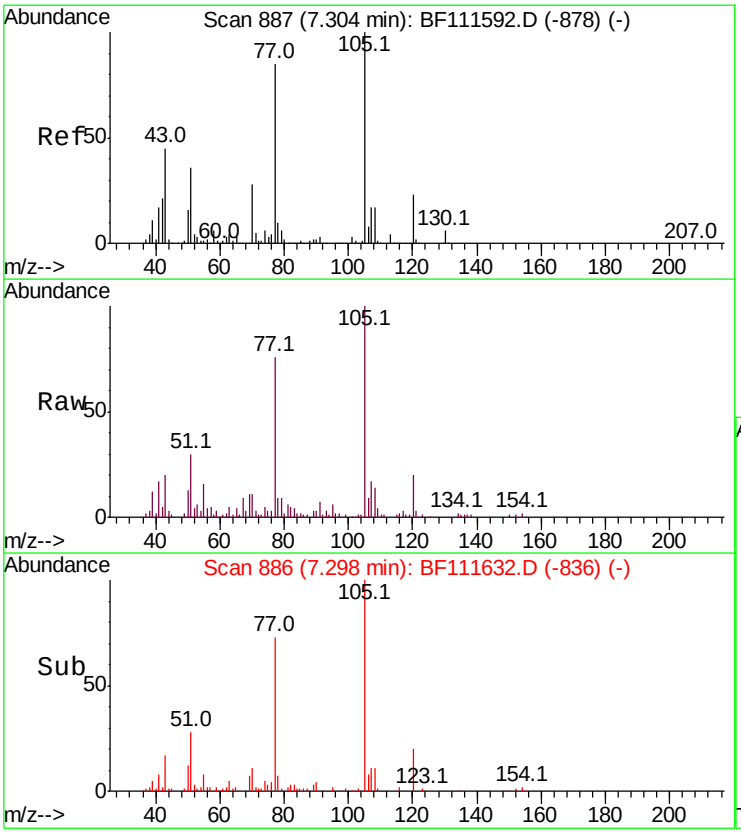
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:136 Resp: 759181

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.5	7.7	11.5
68	5.4	4.9	7.3

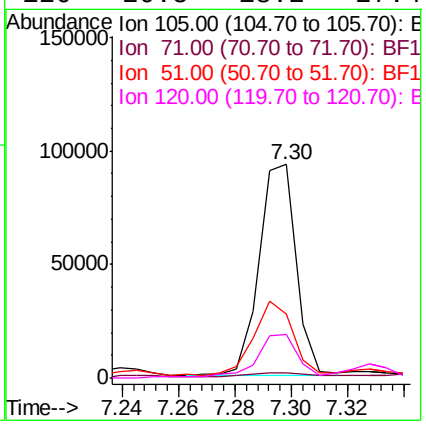


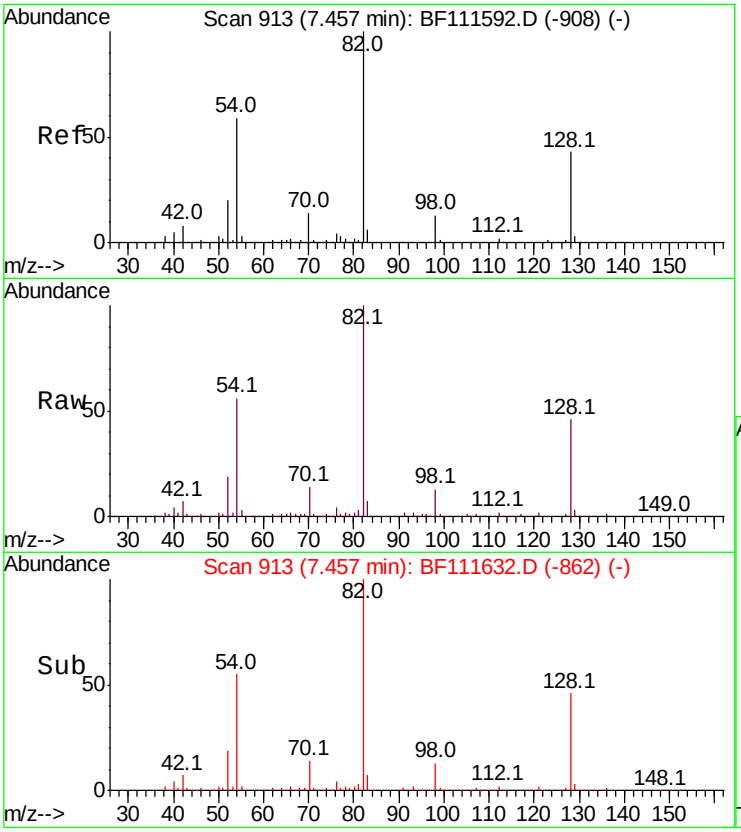


#22
Acetophenone
Concen: 4.407 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:105 Resp: 84761

Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.1	4.7#
51	29.7	36.6	54.8#
120	20.5	18.2	27.4



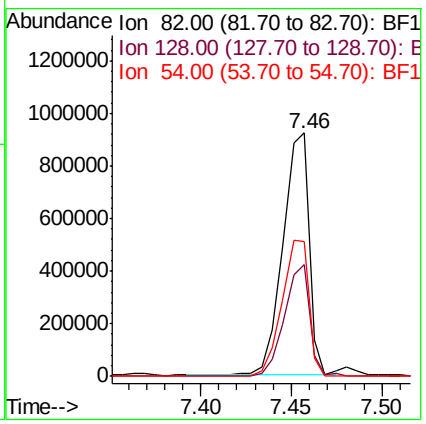


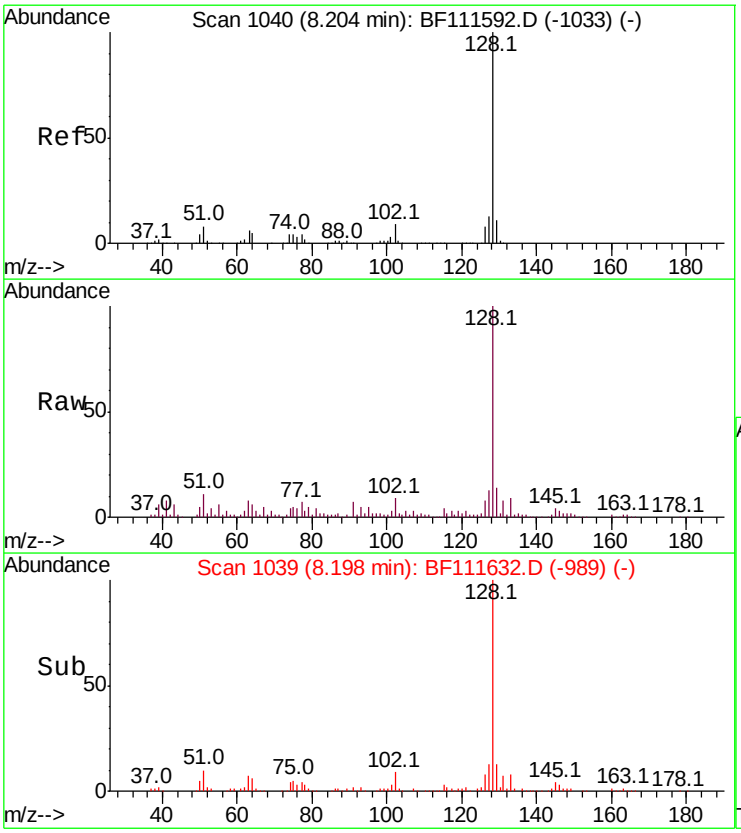
#23
Nitrobenzene-d5
Concen: 71.811 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 82 Resp: 936606

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.4	56.2
54	55.5	47.6	71.4

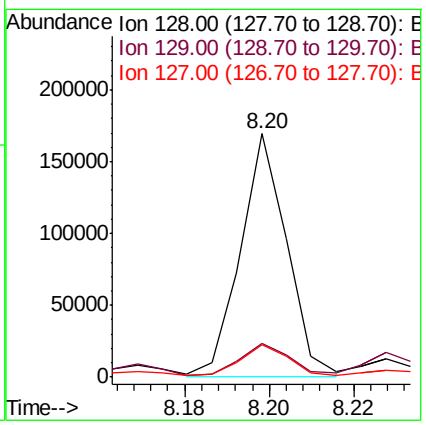


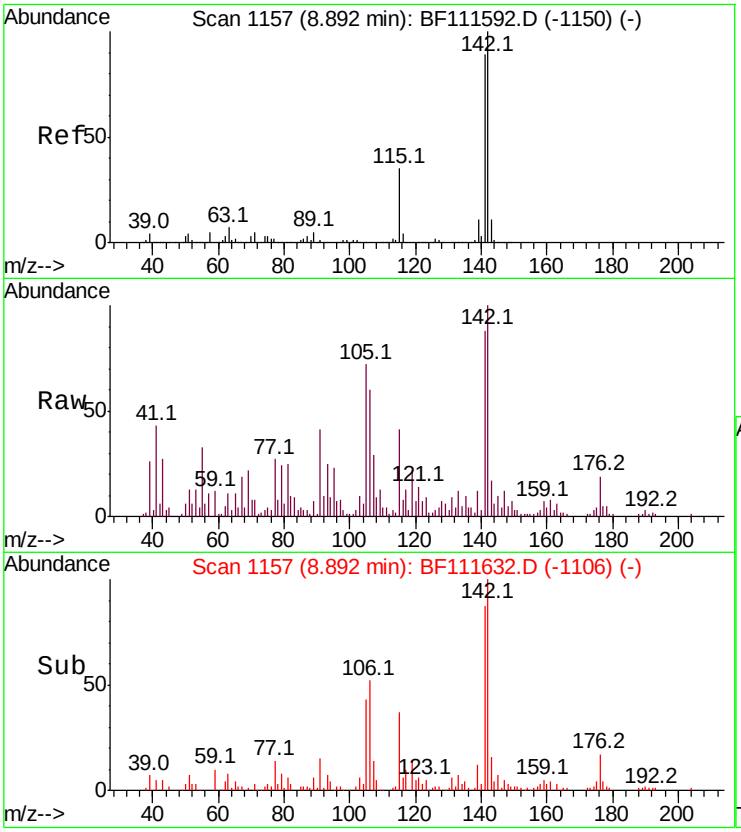


#31
Naphthalene
Concen: 3.505 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:128 Resp: 127849

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.8	14.8
127	13.3	12.0	18.0



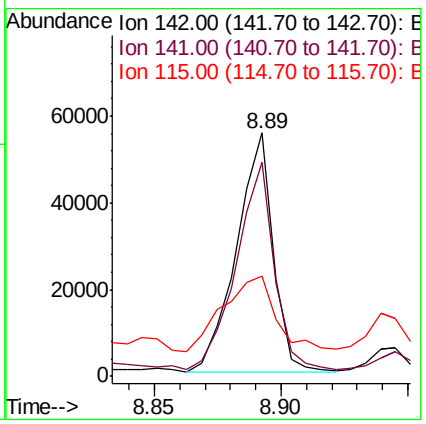


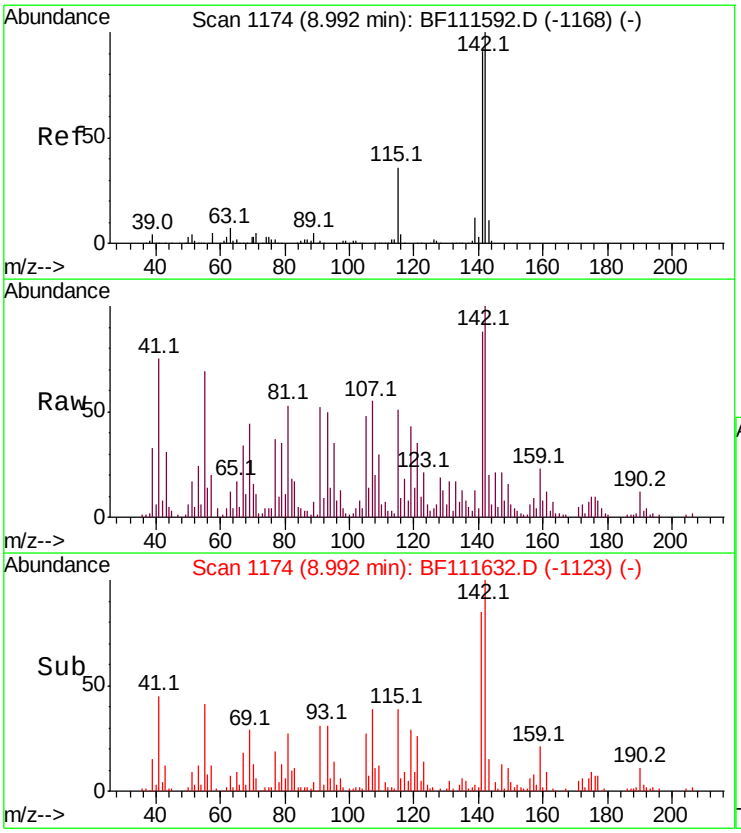
#37
2-Methylnaphthalene
Concen: 2.327 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:142 Resp: 55218

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.6	105.8
115	41.2	27.0	40.6#

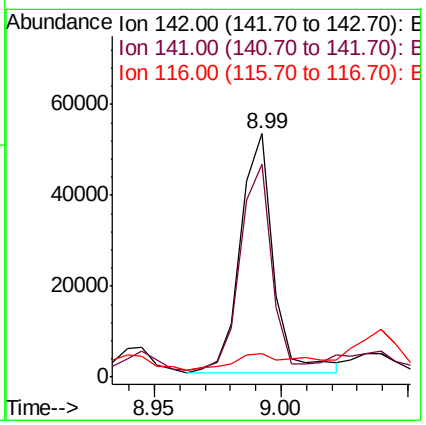


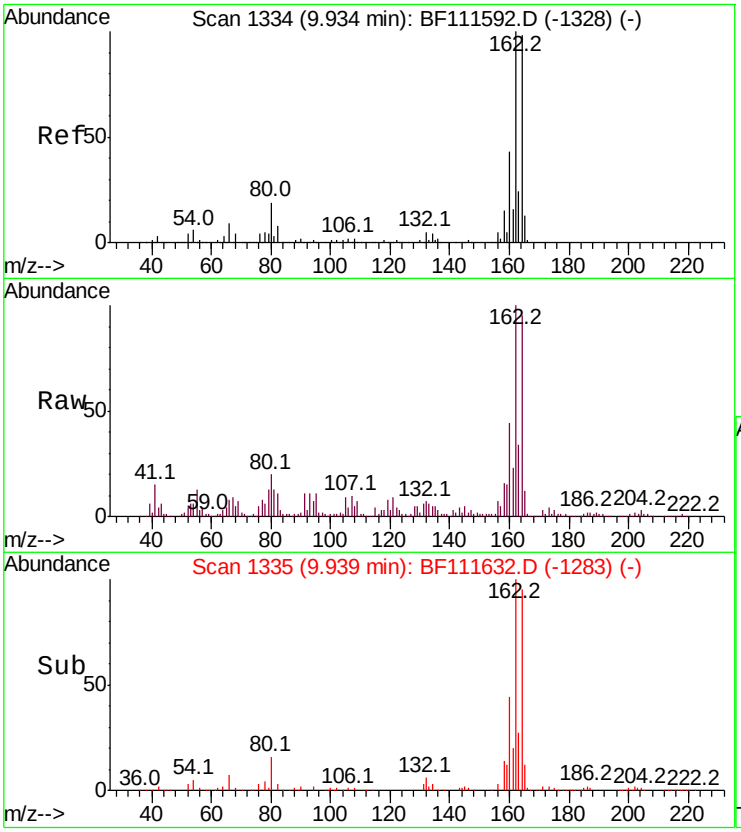


#38
1-Methylnaphthalene
Concen: 2.095 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:142 Resp: 47753

Ion	Ratio	Lower	Upper
142	100		
141	87.6	74.2	111.4
116	9.5	2.9	4.3#



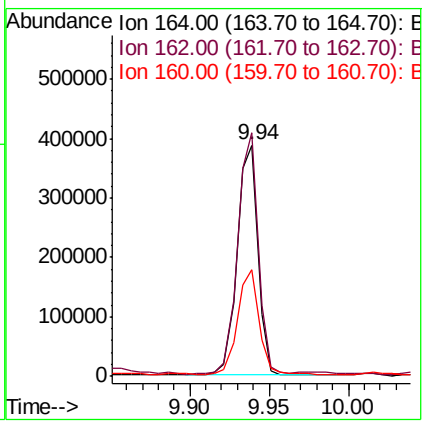


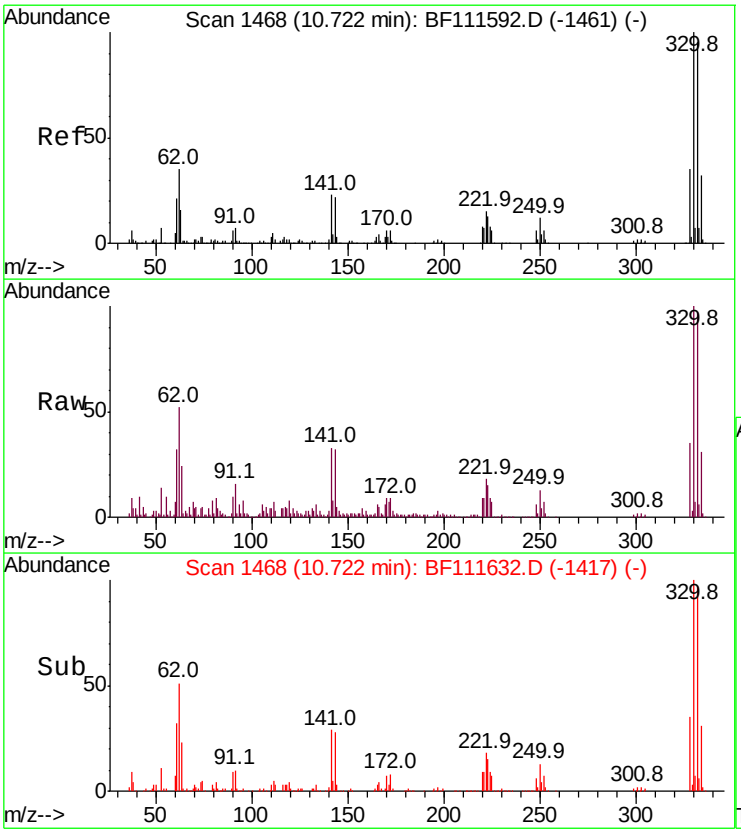
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:164 Resp: 350538

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.4	122.0
160	46.1	35.7	53.5

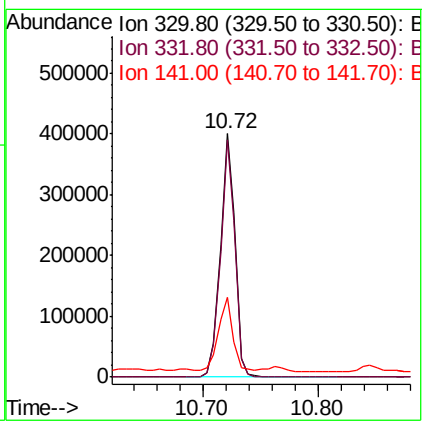


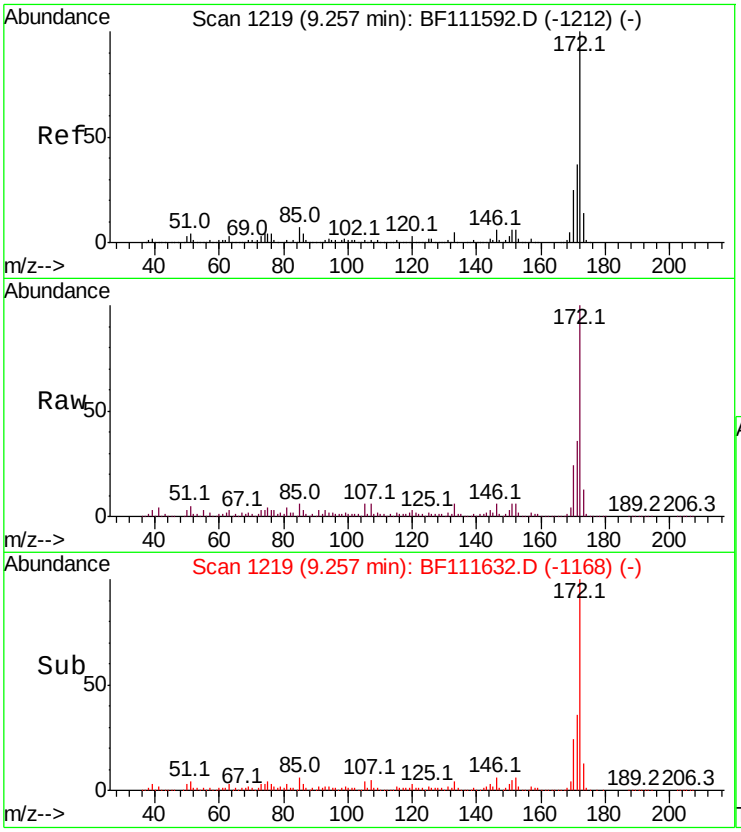


#42
2,4,6-Tribromophenol
Concen: 84.729 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:330 Resp: 350937

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	30.1	31.0	46.6#



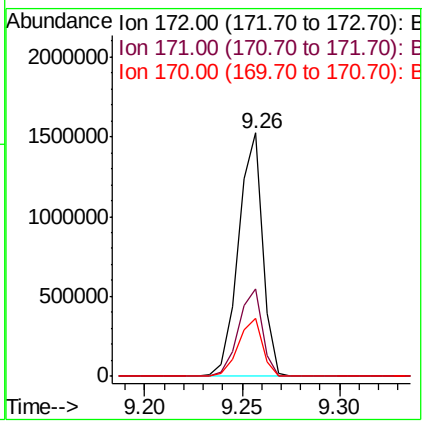


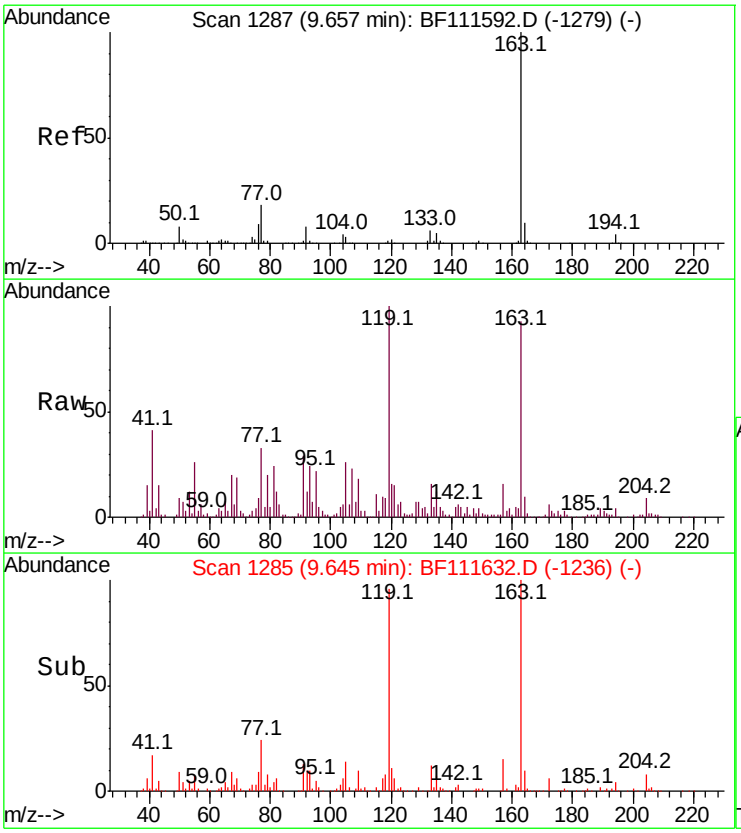
#45
2-Fluorobiphenyl
Concen: 54.286 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:172 Resp: 1305549

Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	23.6	22.3	33.5

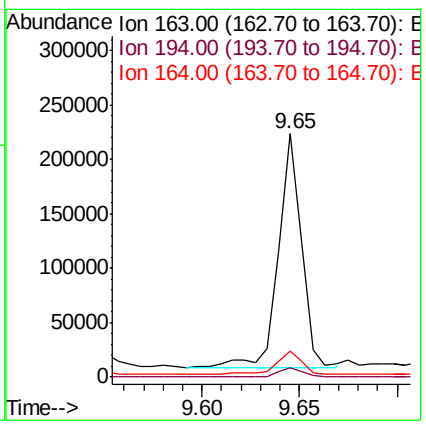


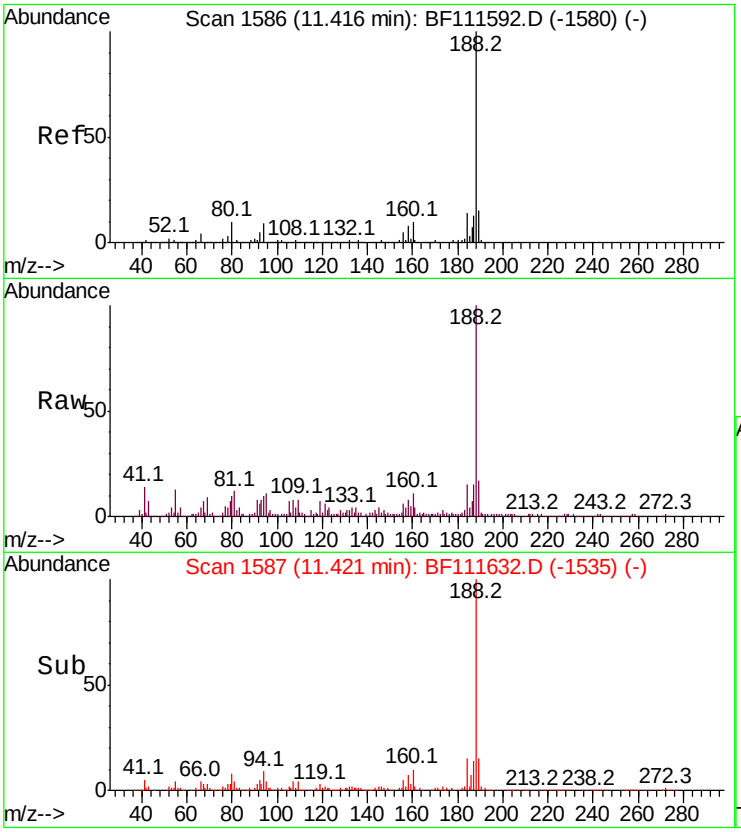


#50
Dimethylphthalate
Concen: 6.961 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:163 Resp: 178435

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.7	8.9	13.3



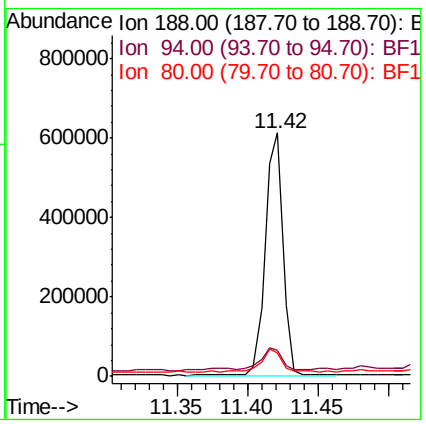


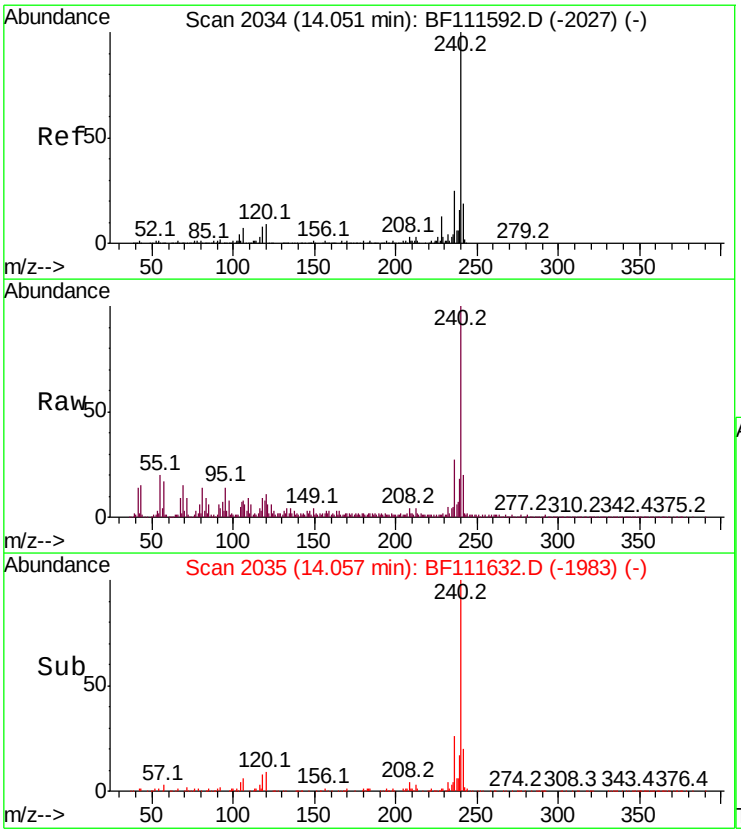
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:188 Resp: 543468

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.6	14.4
80	9.6	9.8	14.6#

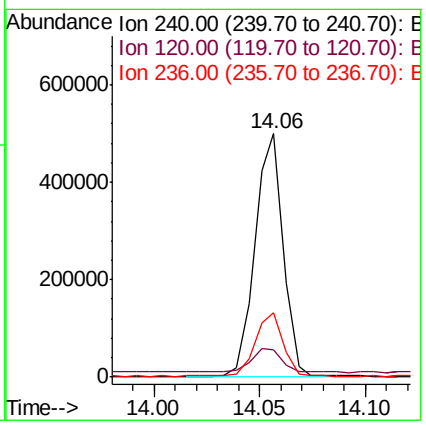


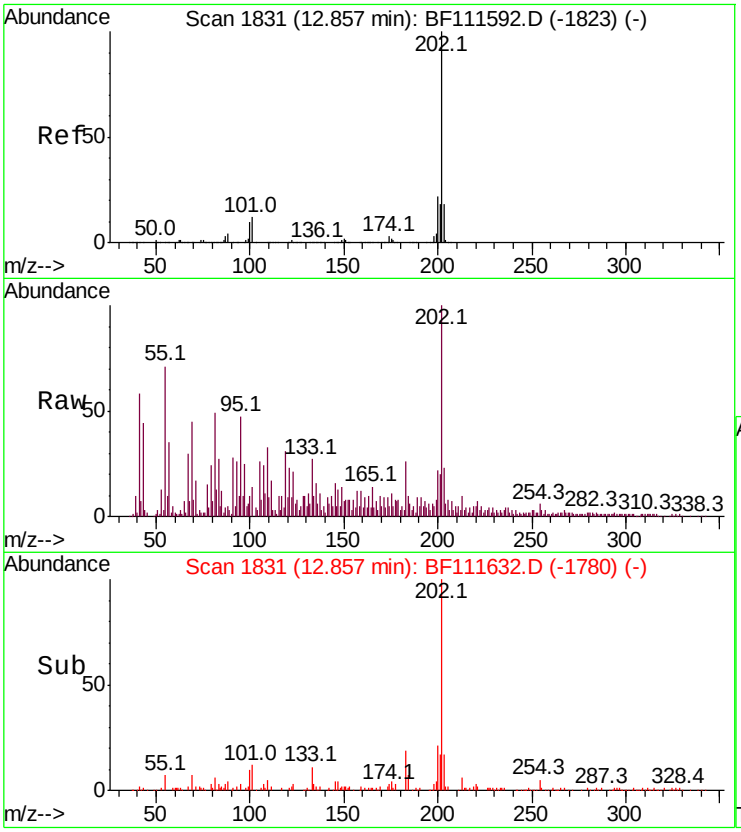


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:240 Resp: 460402

Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.2	18.2#
236	26.7	20.2	30.2



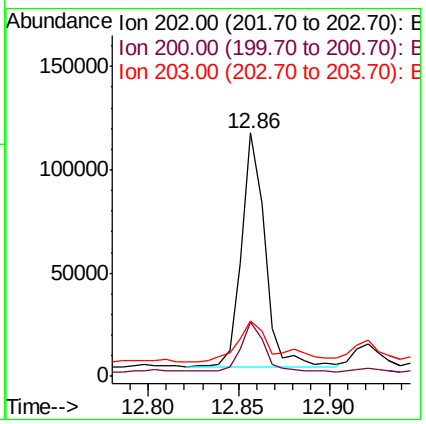


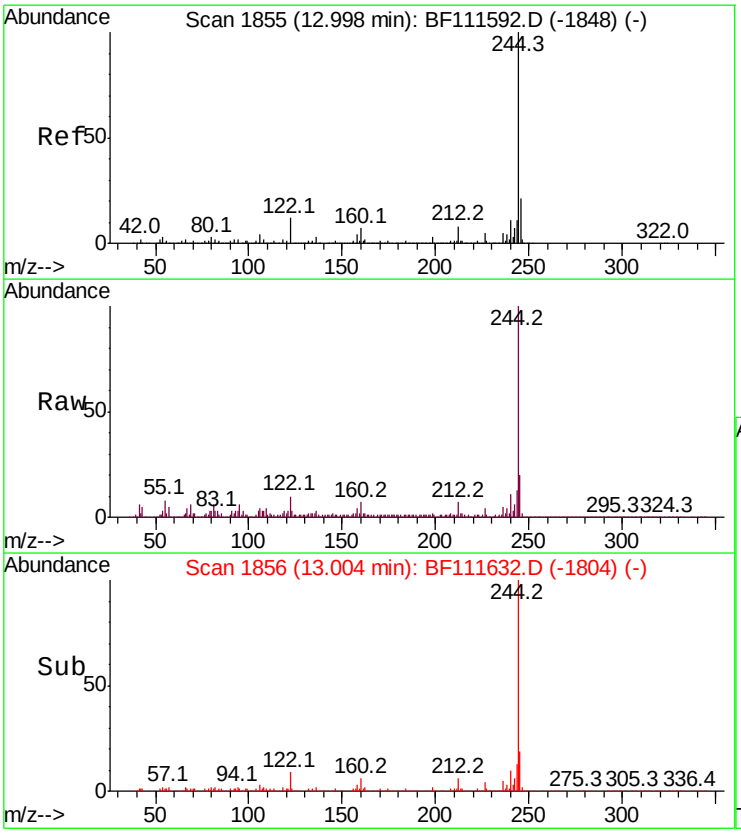
#78
Pyrene
Concen: 3.131 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:202 Resp: 101781

Ion	Ratio	Lower	Upper
202	100		
200	22.2	19.0	28.4
203	23.0	15.2	22.8#

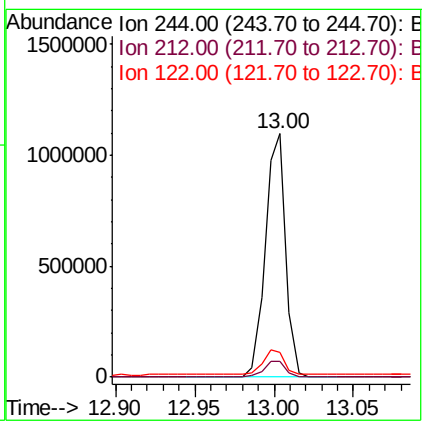


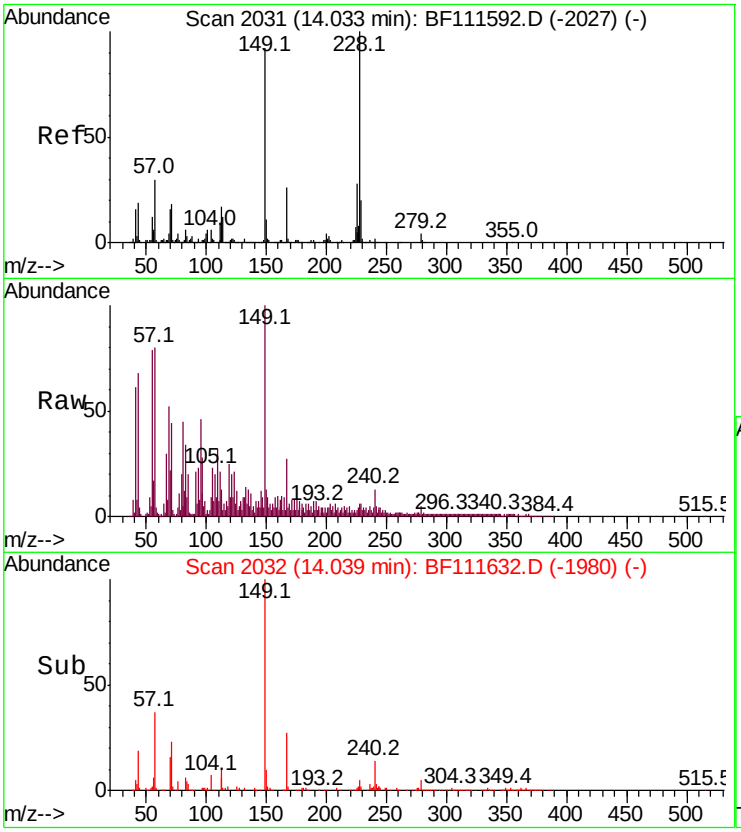


#79
Terphenyl-d14
Concen: 40.618 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:244 Resp: 986112

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.1	13.1	19.7#



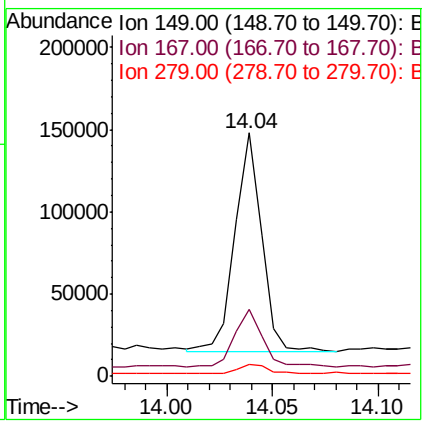


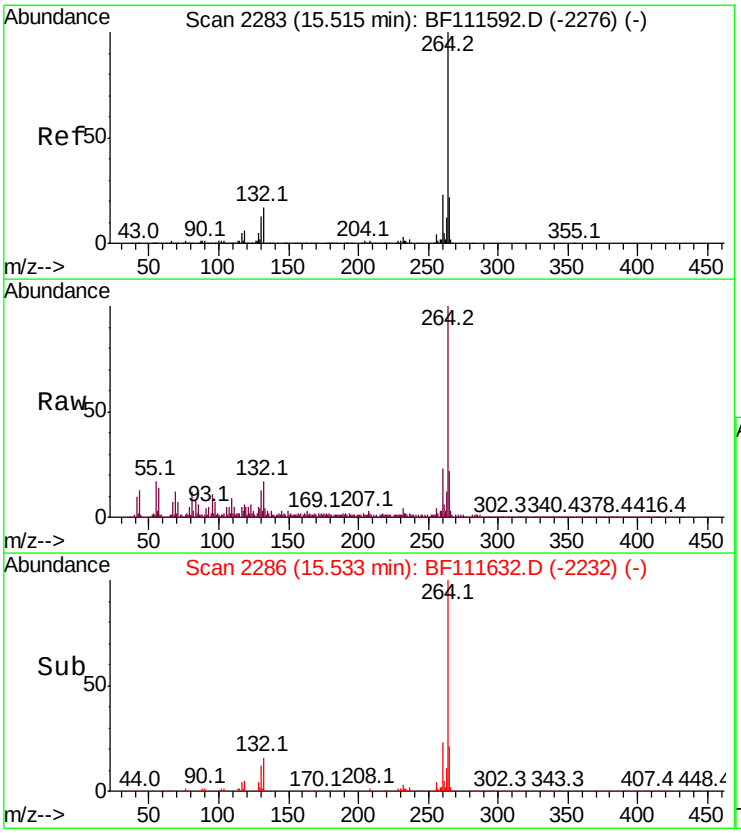
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.899 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:149 Resp: 115169

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	5.1	2.6	4.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:264 Resp: 460172

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.5	17.7	26.5