Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111649.D
Acq On : 20 Dec 2018 20:05
Operator : JU/SJ
Sample : J6353-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS005-0002-01

Quant Time: Dec 21 06:21:27 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	187864	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	694351	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	327236	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	525643	20.00	ng		0.00
76) Chrysene-d12	14.04	240	465924	20.00	ng		0.00
87) Perylene-d12	15.52	264	451352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1014499	92.05	ng		0.00
7) Phenol-d6	6.52	99	1287543	91.79	ng		0.00
23) Nitrobenzene-d5	7.45	82	798579	66.95	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	305773	79.08	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1479580	65.90	ng		0.00
79) Terphenyl-d14	13.00	244	1140418	46.42	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	93895	5.933	ng		96
19) n-Nitroso-di-n-propylamine	7.45	70	109531	11.758	ng	#	78
25) Isophorone	7.45	82	796845	37.628	ng	#	64
50) Dimethylphthalate	9.64	163	136359	5.698	ng		97
57) 2,4-Dinitrotoluene	9.93	165	42264	7.370	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.72	198	555	6.913	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	18266	2.802	ng	#	1

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

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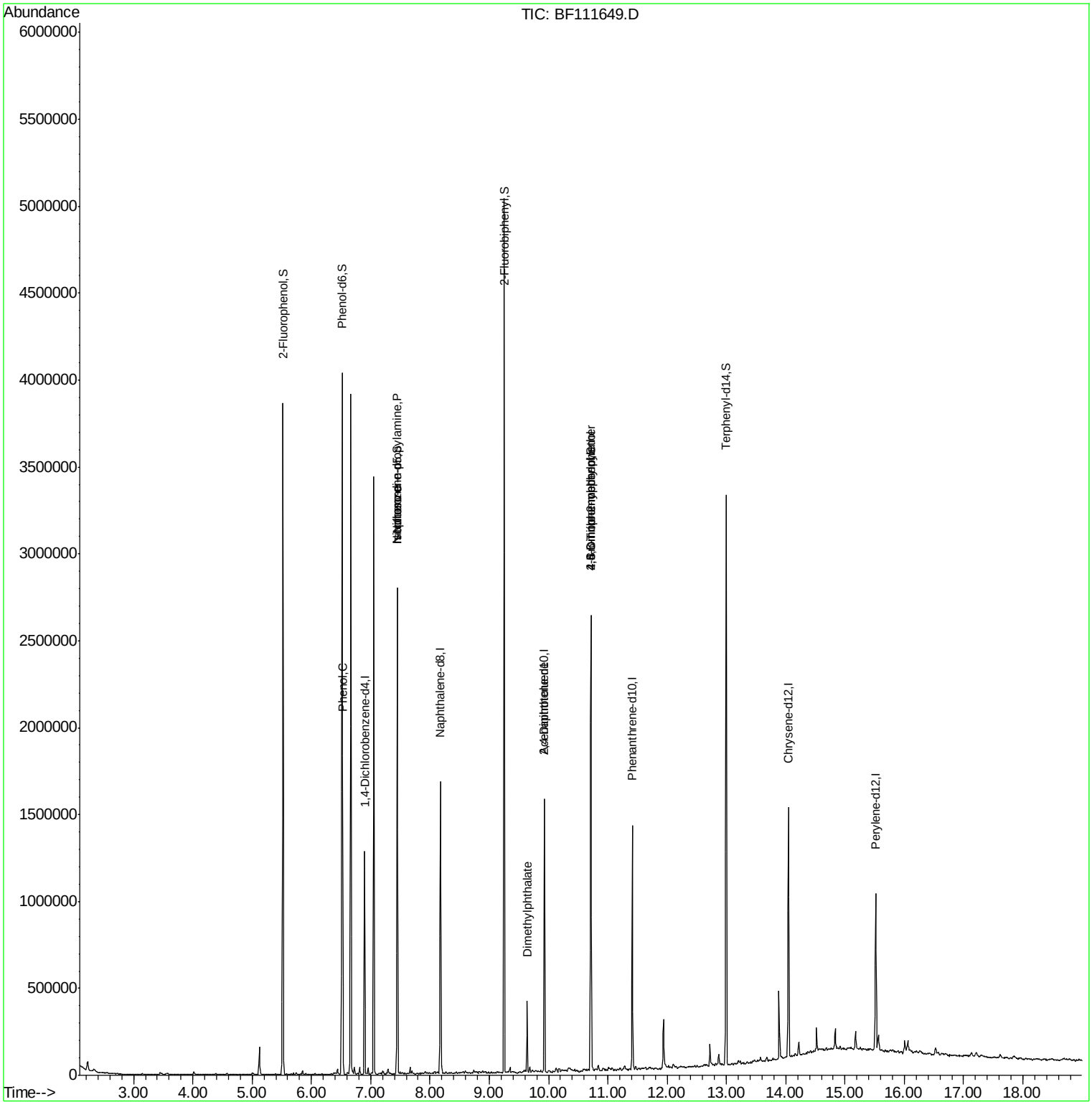
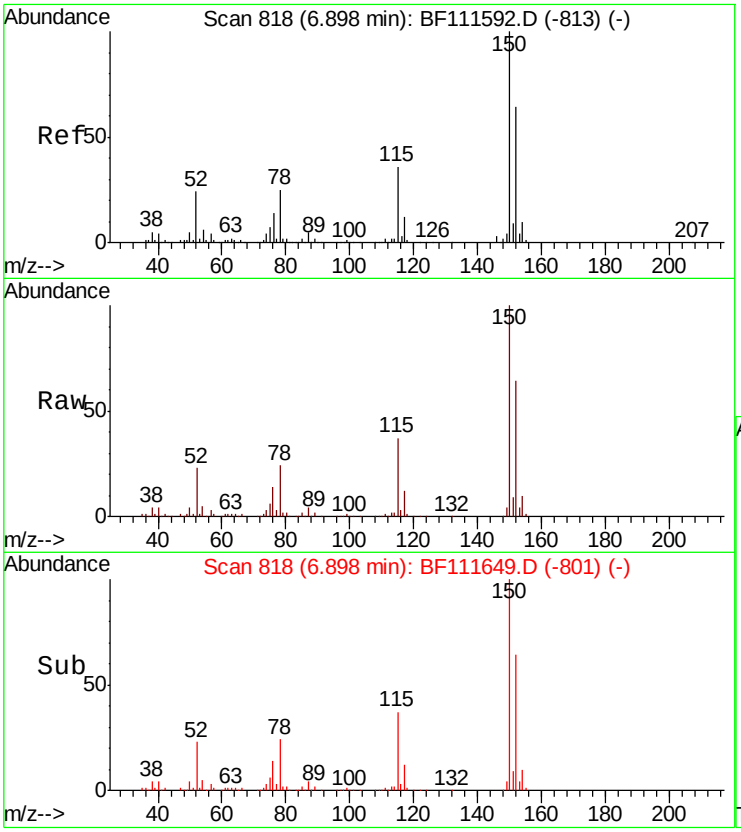


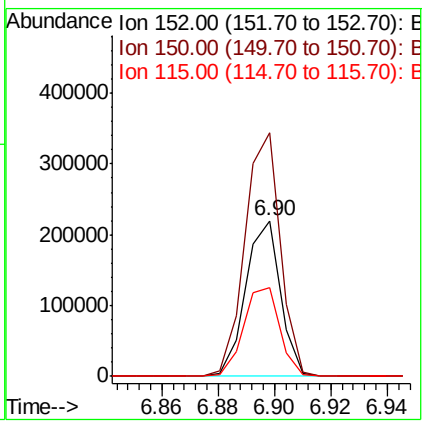


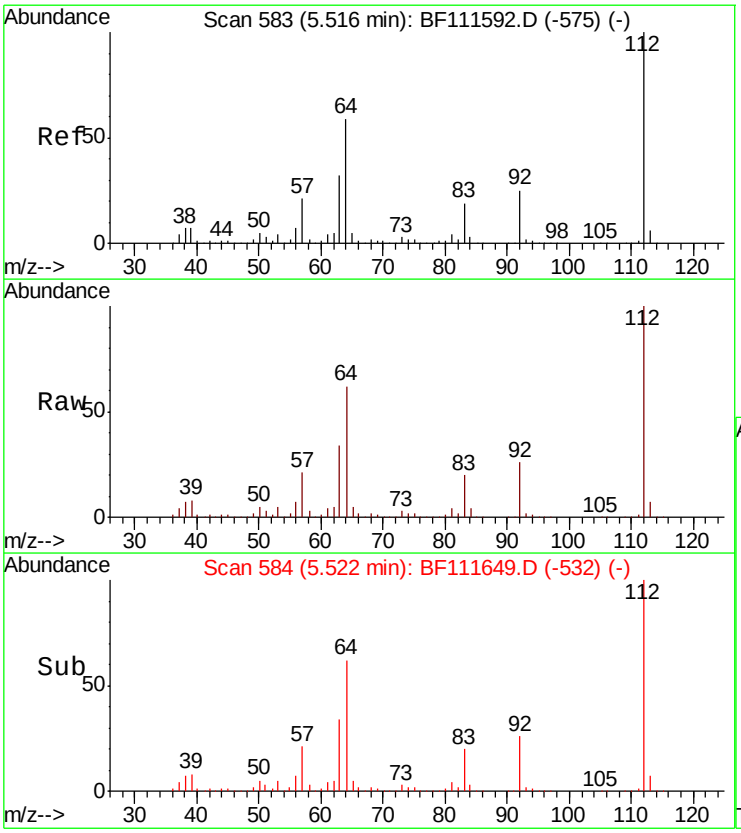
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion:152 Resp: 187864

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	57.2	50.7	76.1

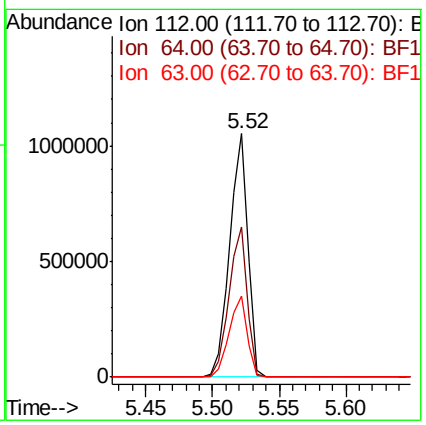


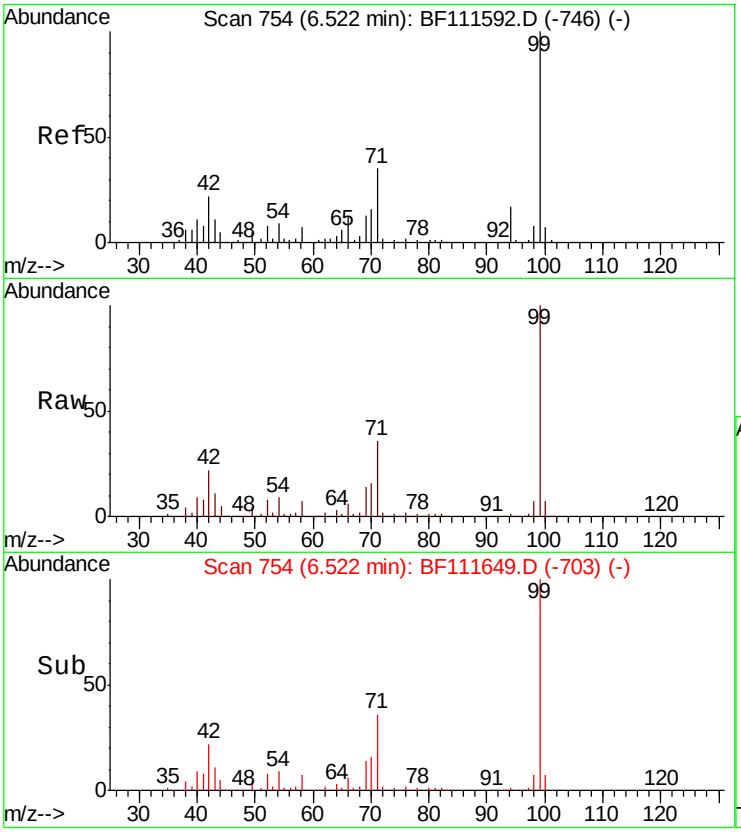


#5
2-Fluorophenol
Concen: 92.048 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion:112 Resp: 1014499

Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.8	77.6
63	33.5	26.8	40.2



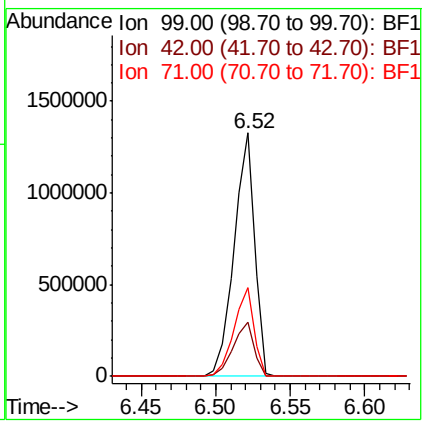


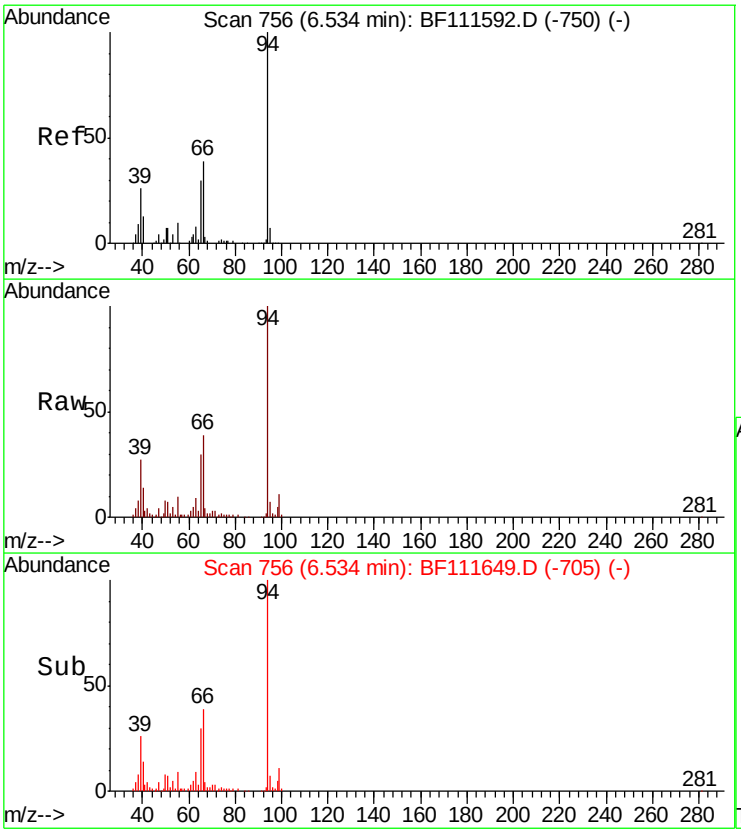
#7
Phenol-d6
Concen: 91.794 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion: 99 Resp: 1287543

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.4	26.0
71	36.3	26.1	39.1

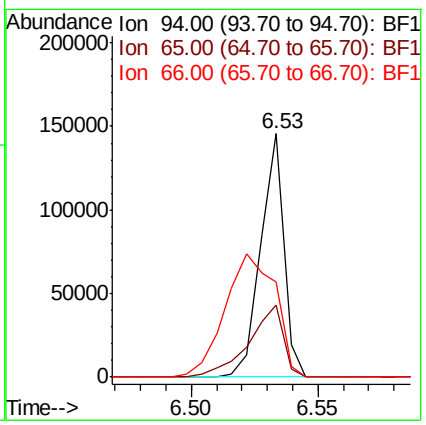


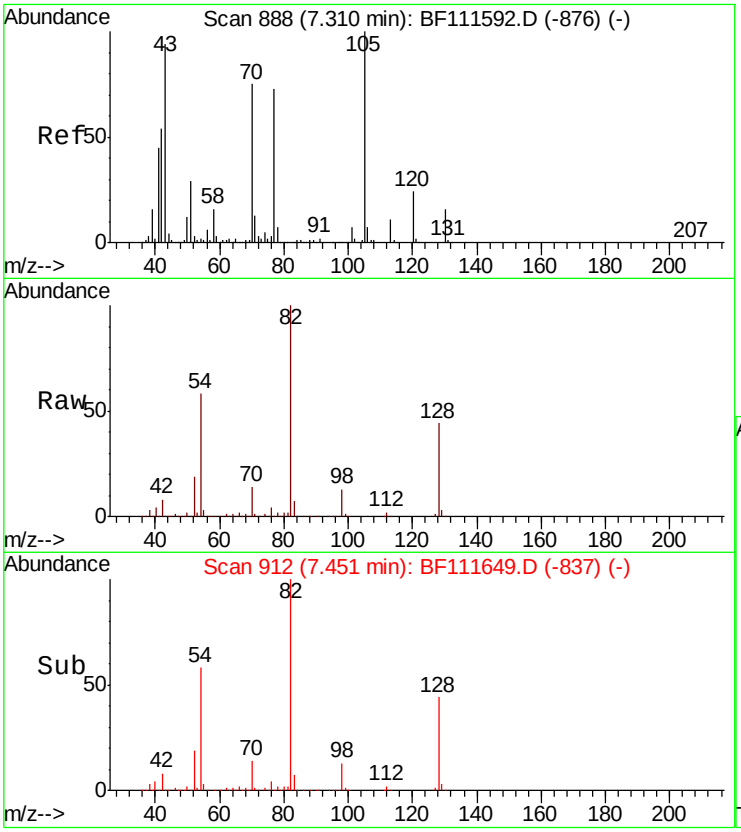


#10
Phenol
Concen: 5.933 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion: 94 Resp: 93895

Ion	Ratio	Lower	Upper
94	100		
65	29.6	11.7	51.7
66	38.9	21.0	61.0



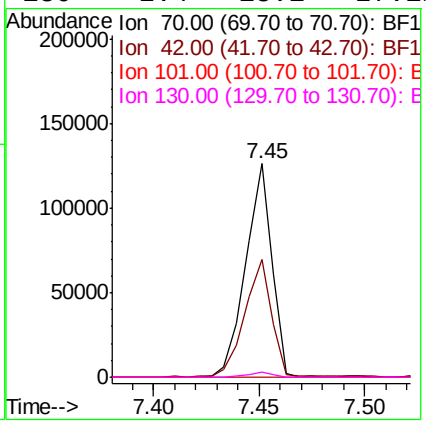


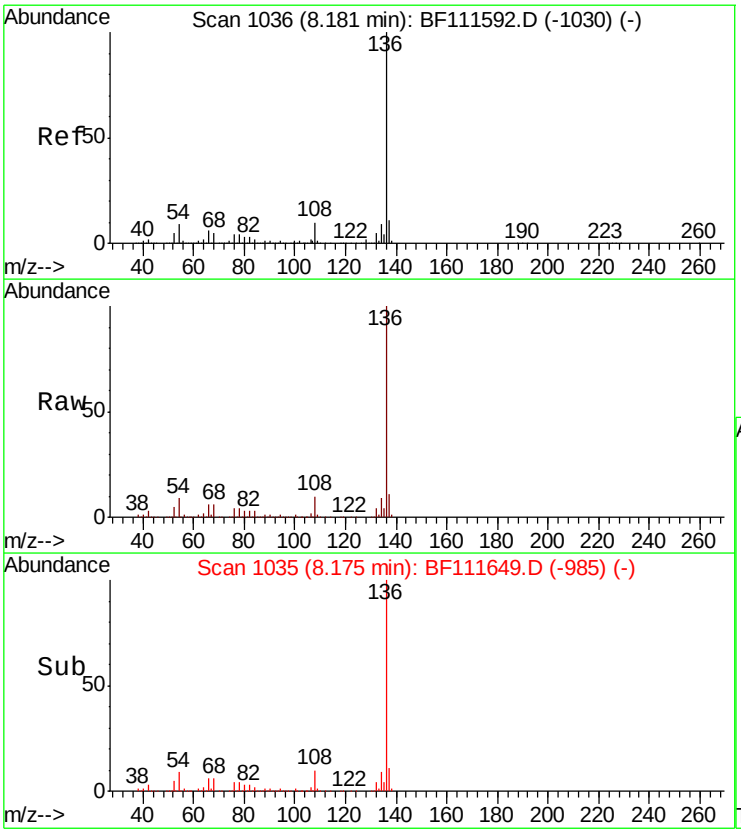
#19
n-Nitroso-di-n-propylamine
Concen: 11.758 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion: 70 Resp: 109531

Ion	Ratio	Lower	Upper
70	100		
42	55.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.4	18.1	27.1#

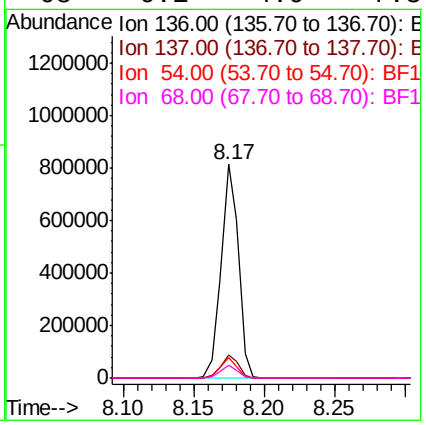


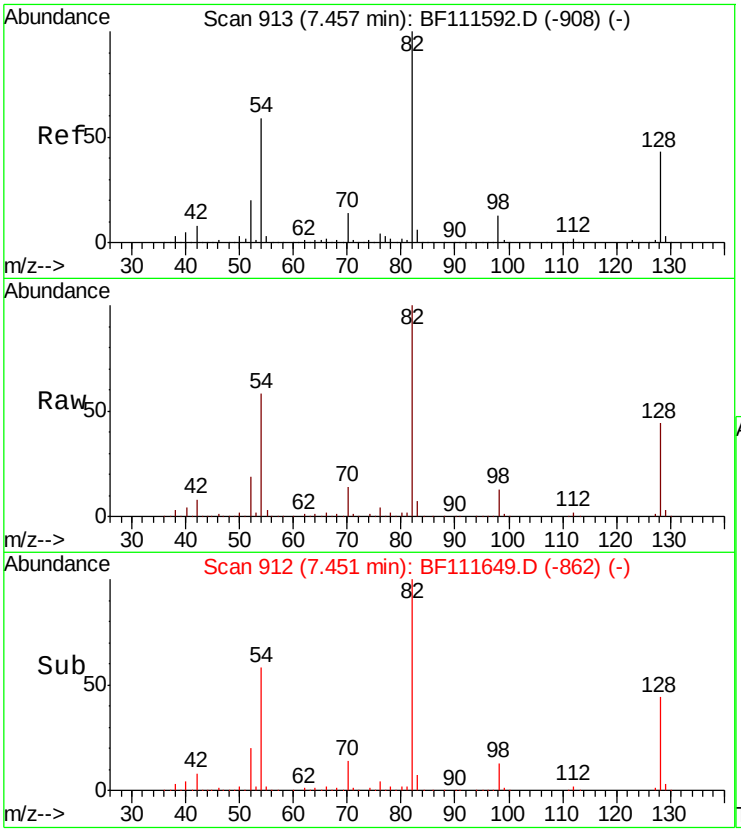


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion:136 Resp: 694351

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.4	7.7	11.5
68	6.1	4.9	7.3



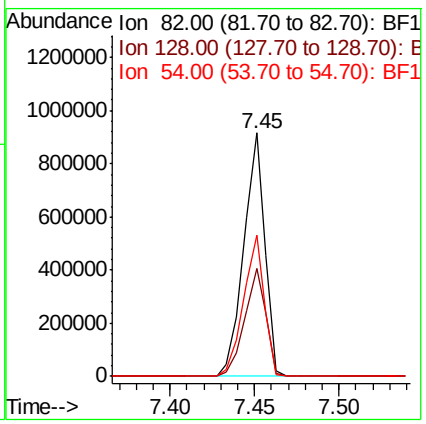


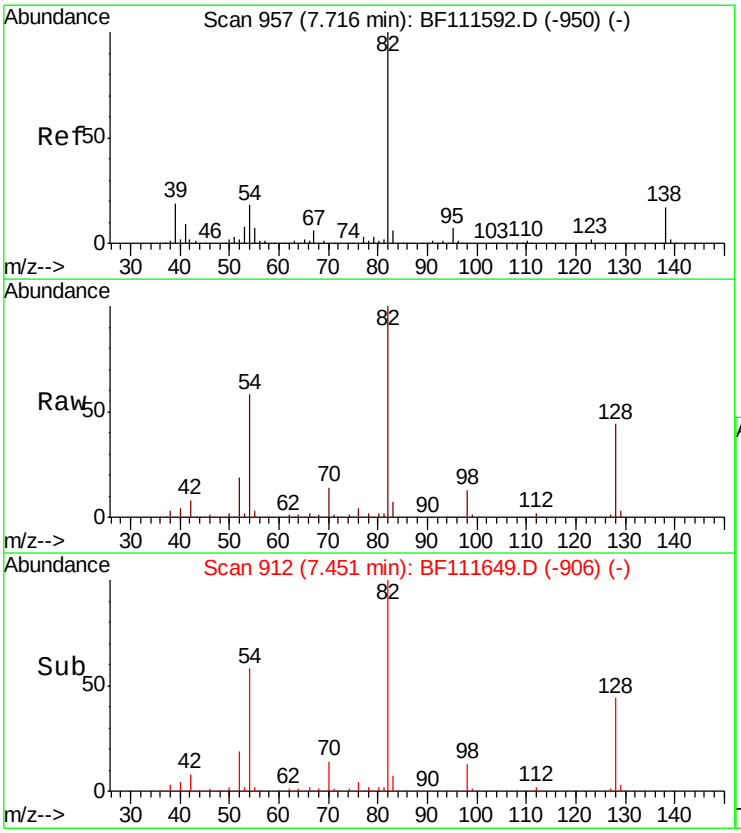
#23
Nitrobenzene-d5
Concen: 66.945 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion: 82 Resp: 798579

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.4	56.2
54	57.8	47.6	71.4

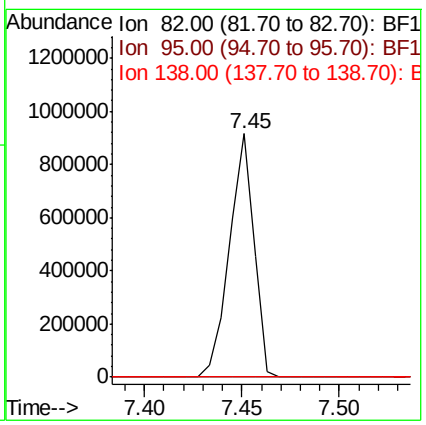


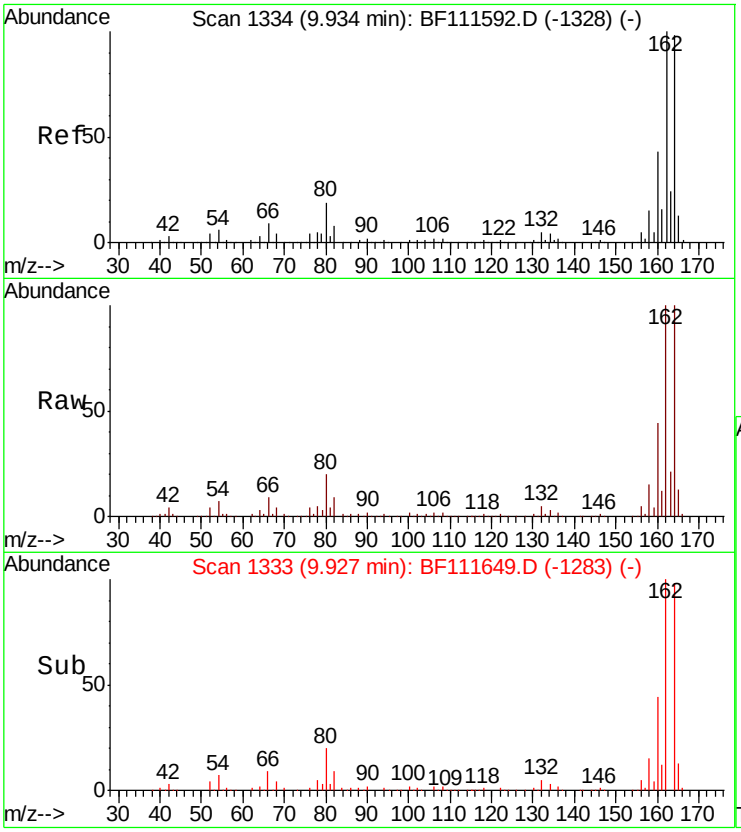


#25
Isophorone
Concen: 37.628 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion: 82 Resp: 796845

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



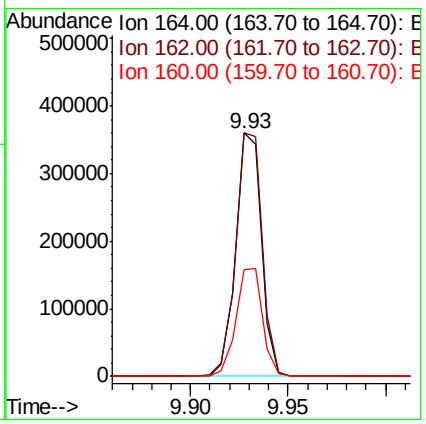


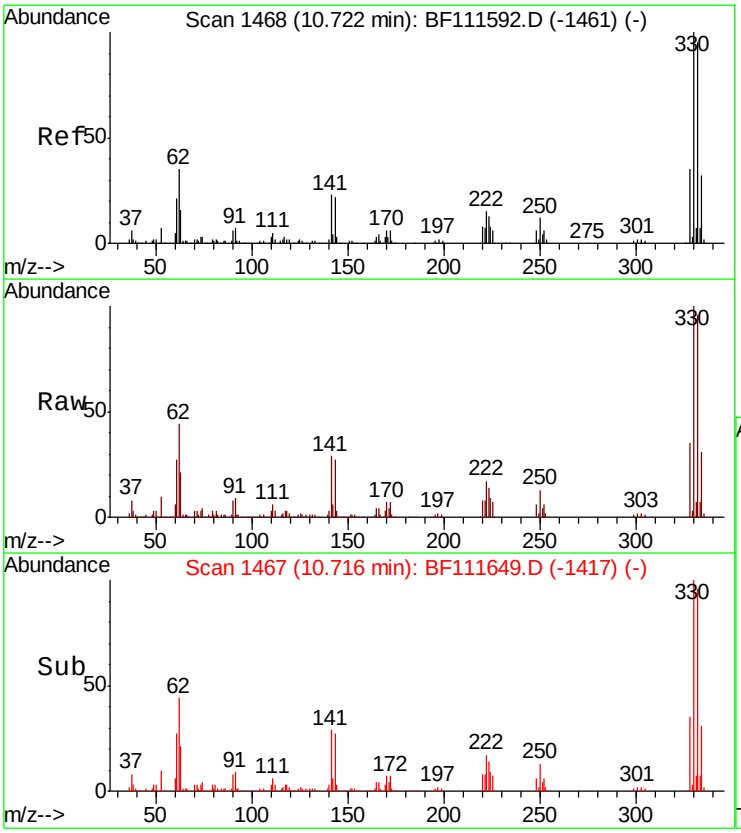
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion:164 Resp: 327236

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.0
160	44.0	35.7	53.5

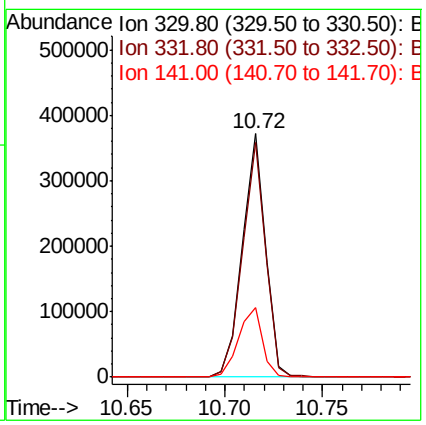


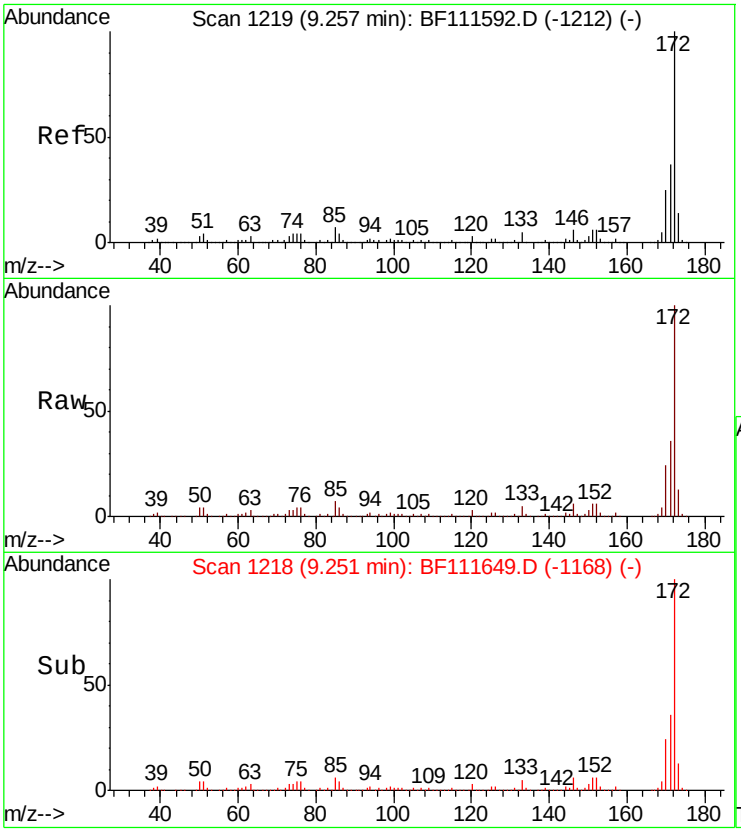


#42
2,4,6-Tribromophenol
Concen: 79.082 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion:330 Resp: 305773

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	29.8	31.0	46.6#



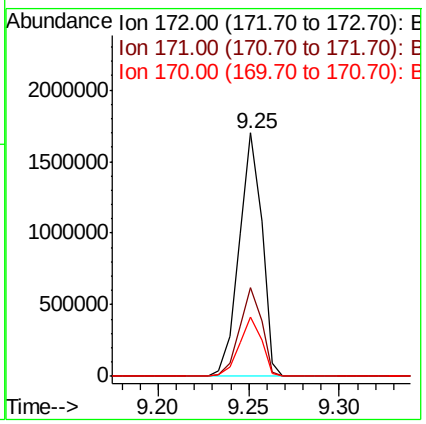


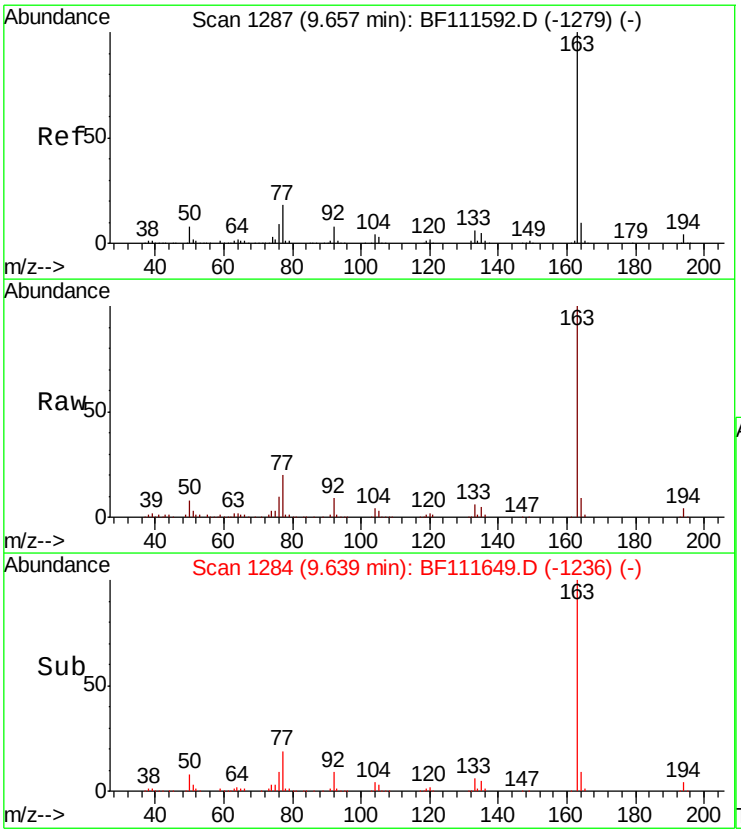
#45
2-Fluorobiphenyl
Concen: 65.904 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion:172 Resp: 1479580

Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	24.5	22.3	33.5

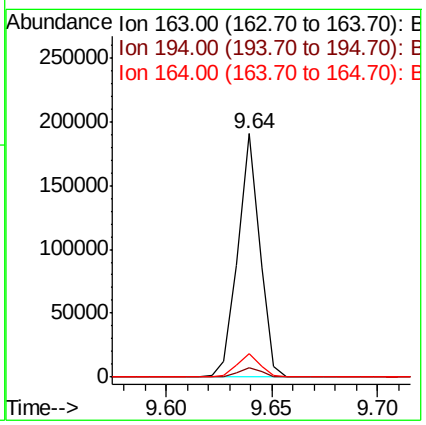


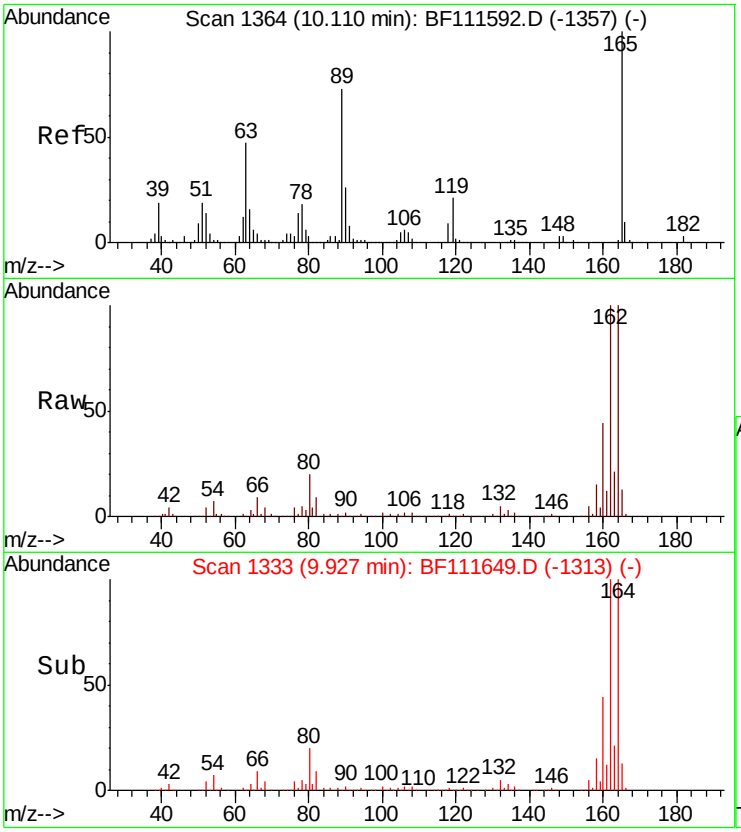


#50
Dimethylphthalate
Concen: 5.698 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion:163 Resp: 136359

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.4	8.9	13.3



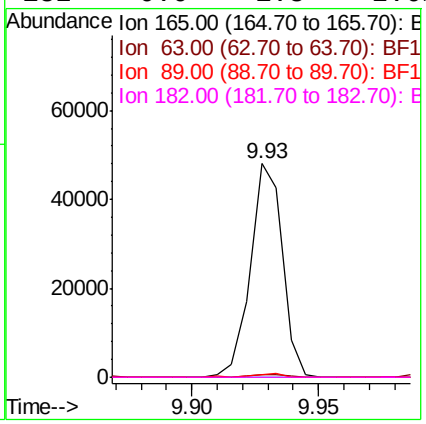


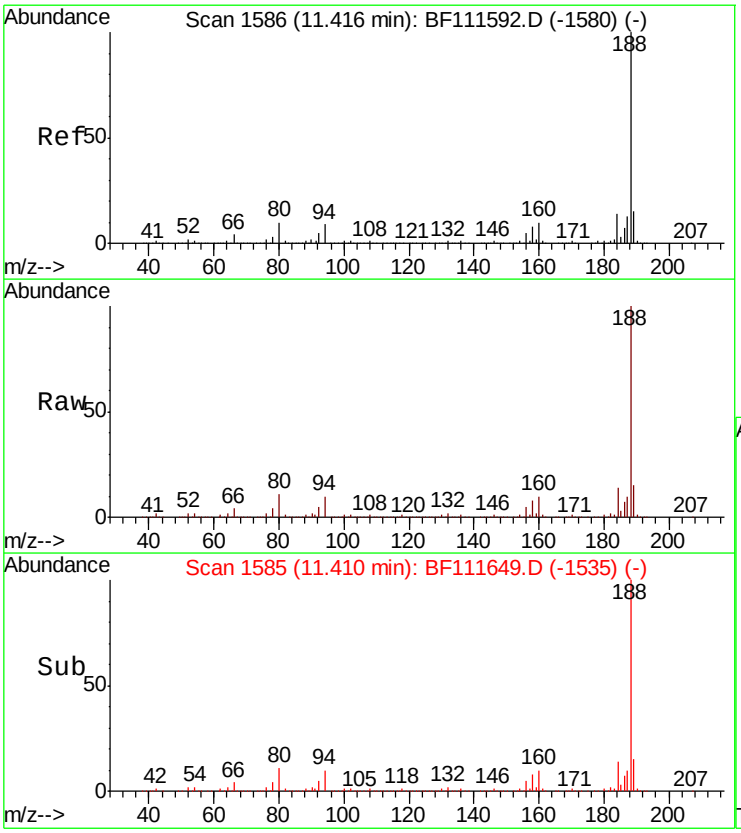
#57
2,4-Dinitrotoluene
Concen: 7.370 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion:165 Resp: 42264

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#

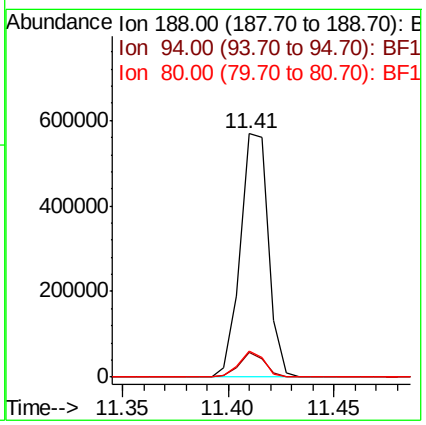


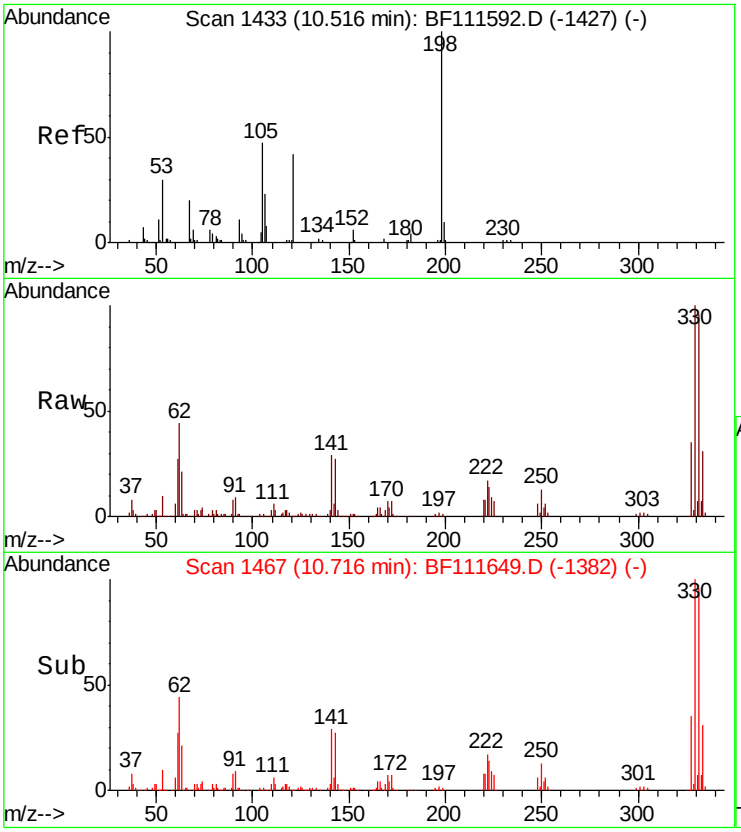


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion:188 Resp: 525643

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.6	14.4
80	10.8	9.8	14.6



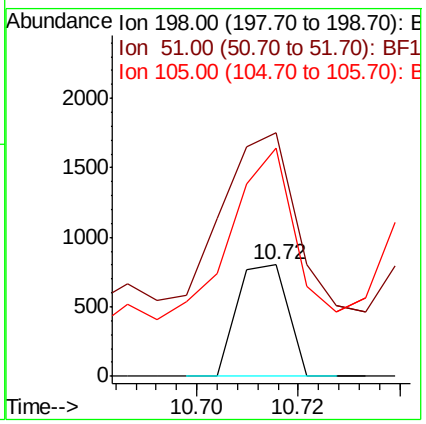


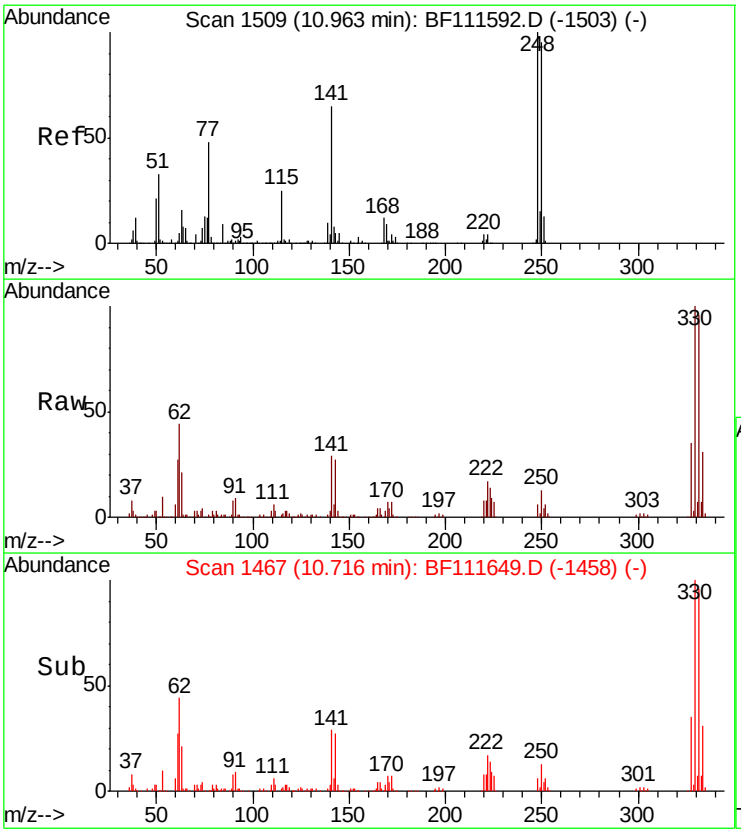
#65
4,6-Dinitro-2-methylphenol
Concen: 6.913 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion:198 Resp: 555

Ion	Ratio	Lower	Upper
198	100		
51	218.2	48.0	88.0#
105	205.1	34.0	74.0#

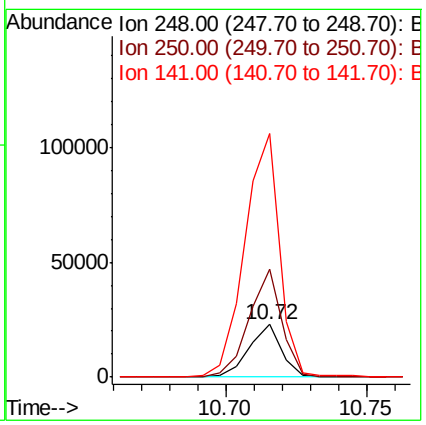


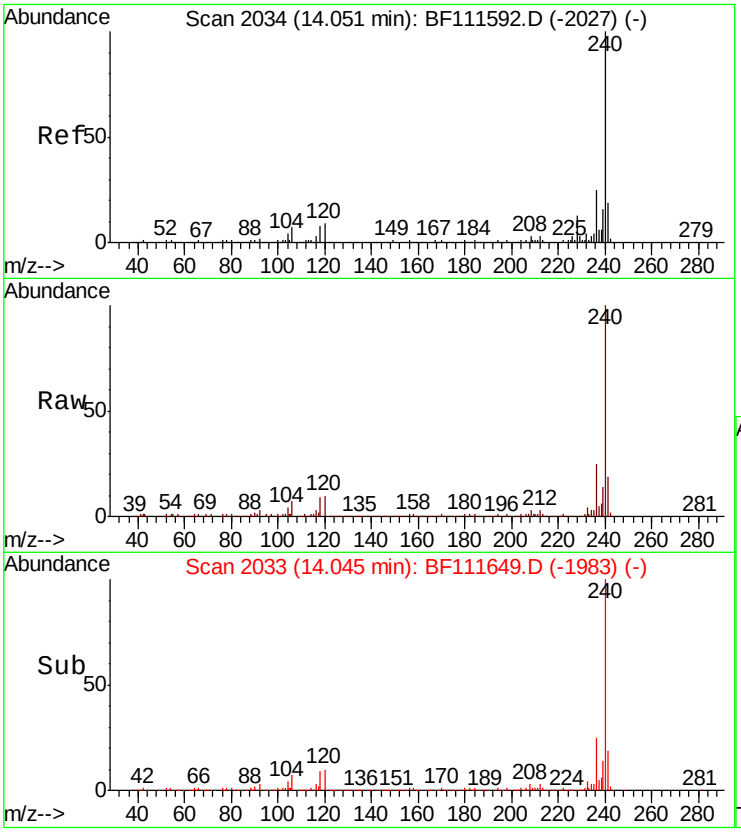


#67
4-Bromophenyl-phenylether
Concen: 2.802 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion:248 Resp: 18266

Ion	Ratio	Lower	Upper
248	100		
250	204.2	77.0	115.4#
141	461.1	63.0	94.6#



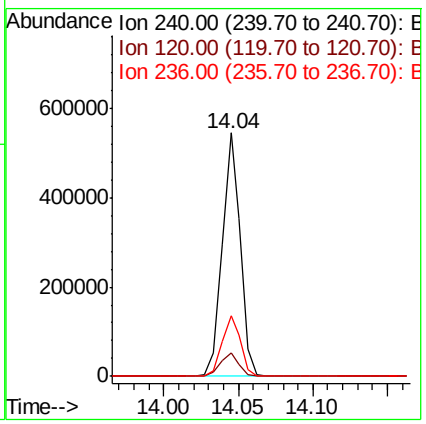


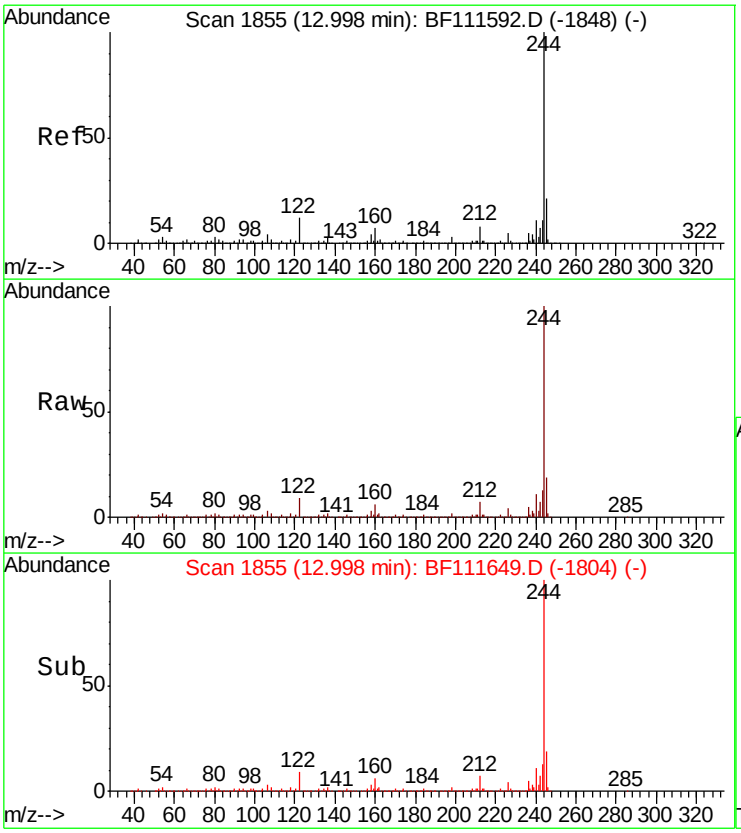
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion:240 Resp: 465924

Ion	Ratio	Lower	Upper
240	100		
120	9.8	12.2	18.2#
236	25.0	20.2	30.2

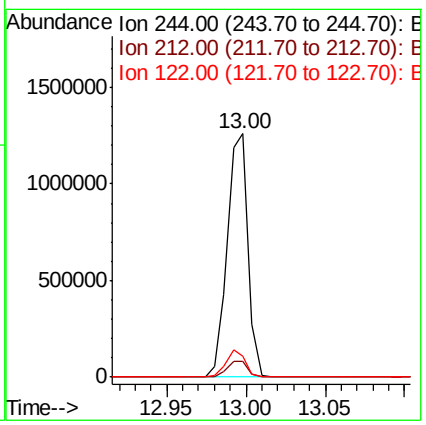


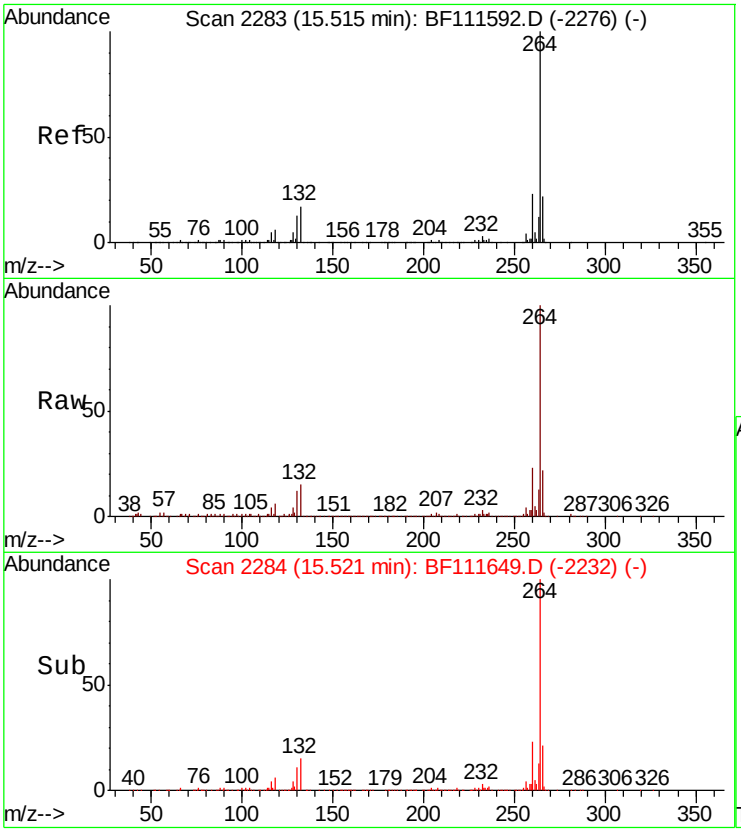


#79
Terphenyl-d14
Concen: 46.418 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Tgt Ion:244 Resp: 1140418

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	8.7	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111649.D
Acq: 20 Dec 2018 20:05

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0002-01

Tgt Ion:264 Resp: 451352

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.6	17.7	26.5