Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111975.D
Acq On : 10 Jan 2019 3:55
Operator : JU/SJ
Sample : K1082-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 10 06:55:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	106058	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	390285	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	137281	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	256105	20.00	ng	0.00
76) Chrysene-d12	14.06	240	167347	20.00	ng	0.00
87) Perylene-d12	15.54	264	132702	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	537729	86.74	ng	0.00
7) Phenol-d6	6.53	99	741208	92.77	ng	0.00
23) Nitrobenzene-d5	7.45	82	424209	58.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	140016	78.41	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	731213	77.67	ng	0.00
79) Terphenyl-d14	13.00	244	724084	82.13	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.53	77	1147	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	57196	11.017	ng	# 76
25) Isophorone	7.45	82	424203	35.873	ng	# 65
50) Dimethylphthalate	9.63	163	37358	3.623	ng	98
51) 2,6-Dinitrotoluene	9.93	165	17486	7.582	ng	# 26
57) 2,4-Dinitrotoluene	9.93	165	17486	5.868	ng	# 27
67) 4-Bromophenyl-phenylether	10.72	248	8153	2.458	ng	# 1

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

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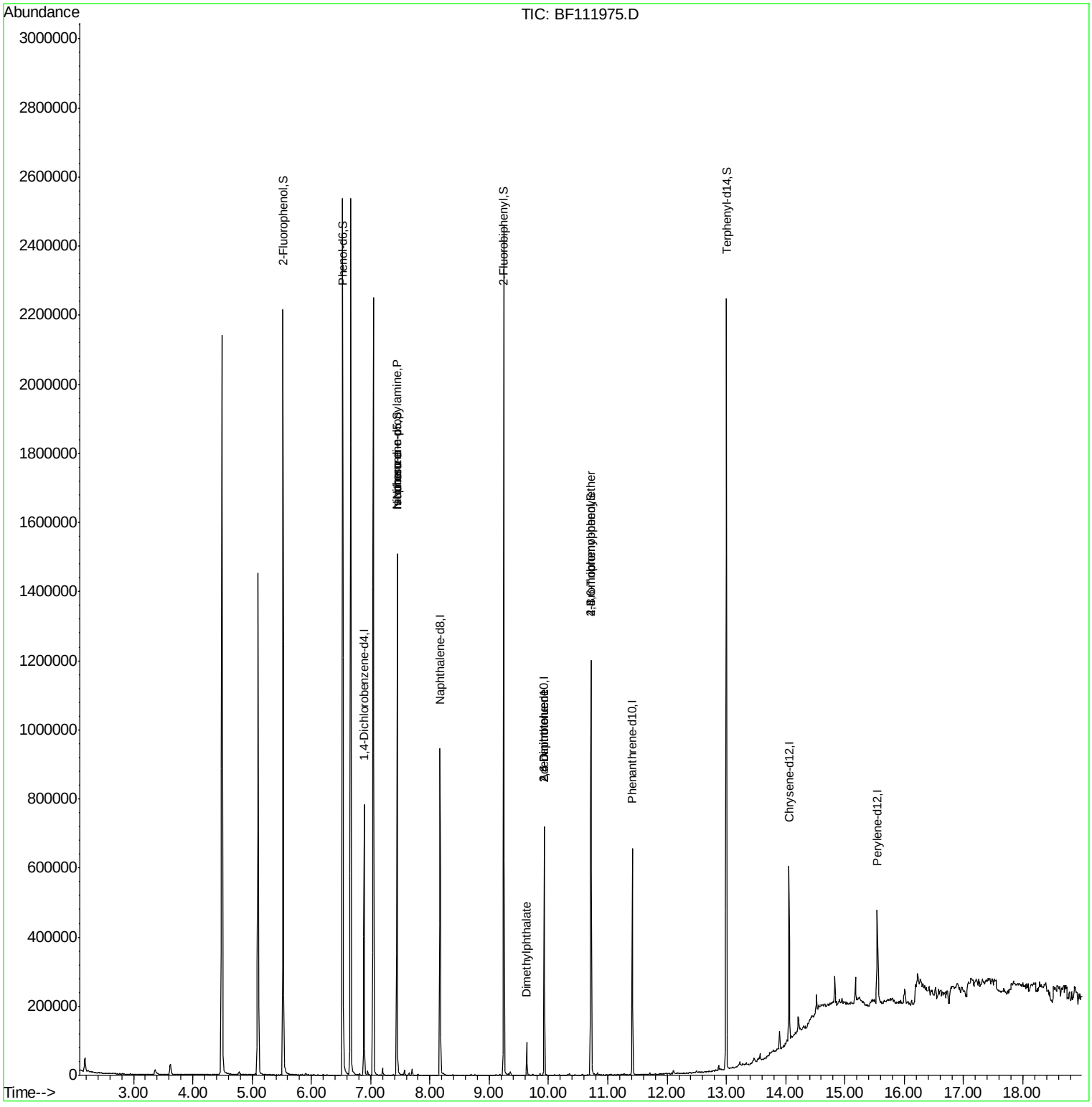
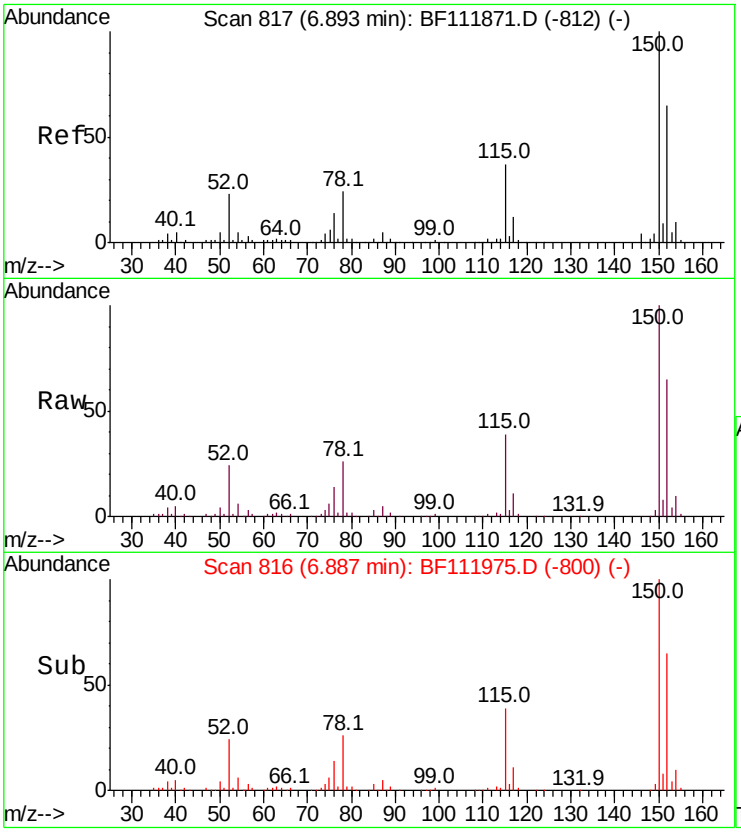


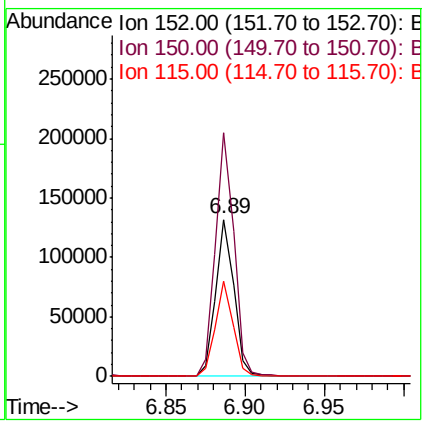


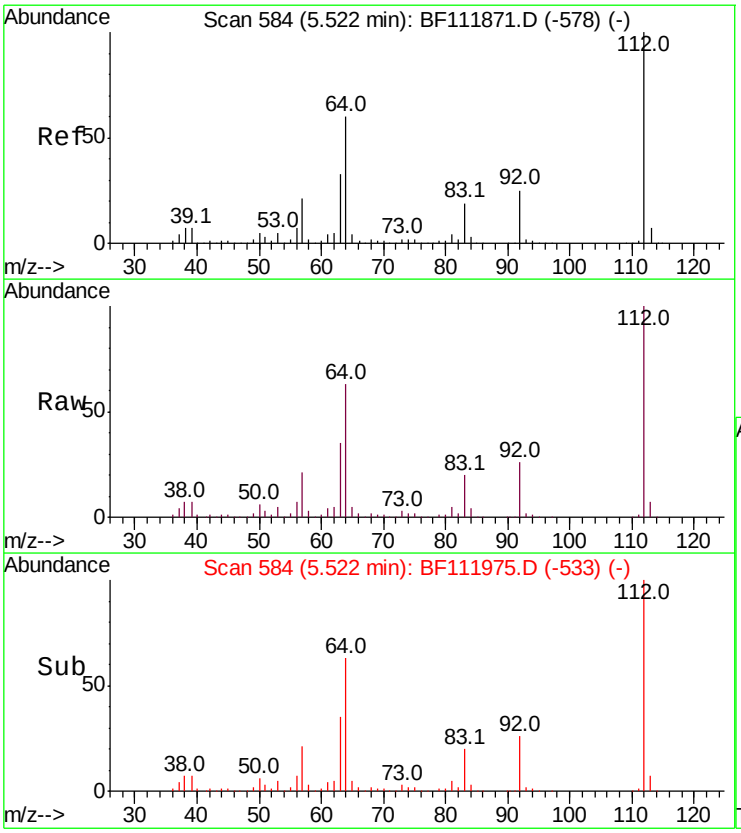
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106058

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	60.1	45.2	67.8

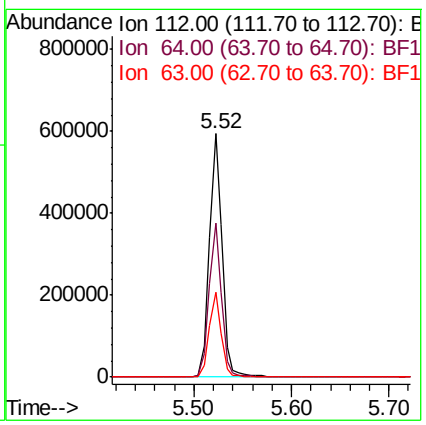


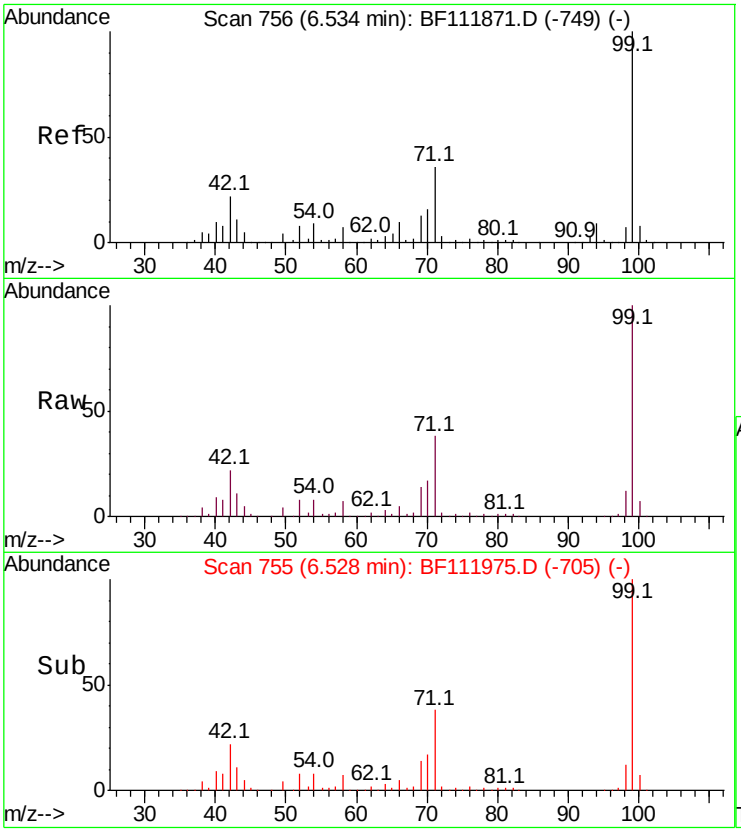


#5
2-Fluorophenol
Concen: 86.741 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion:112 Resp: 537729

Ion	Ratio	Lower	Upper
112	100		
64	63.2	48.3	72.5
63	34.9	26.1	39.1



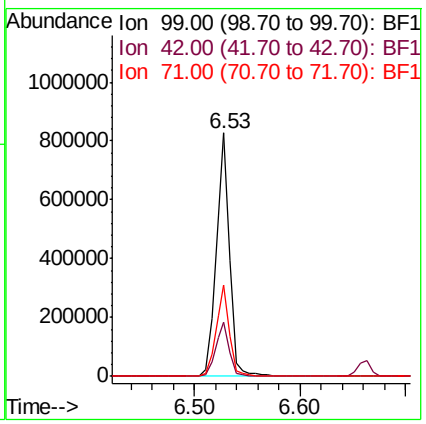


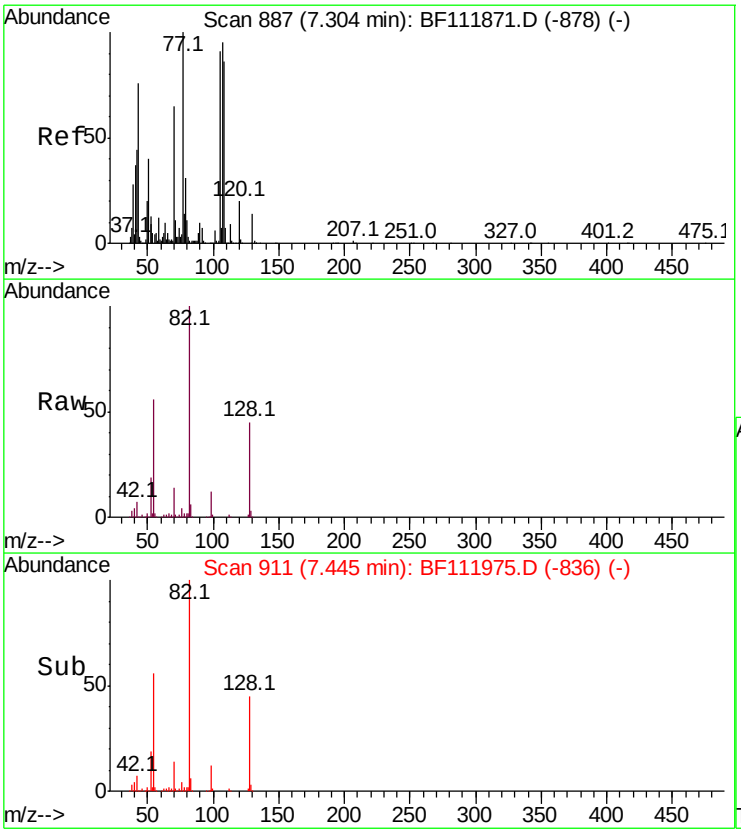
#7
Phenol-d6
Concen: 92.766 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 741208

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.9	26.9
71	37.6	28.7	43.1

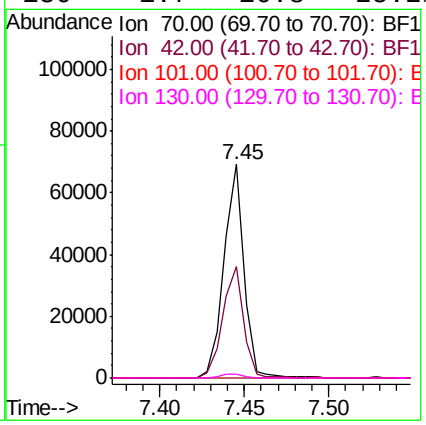


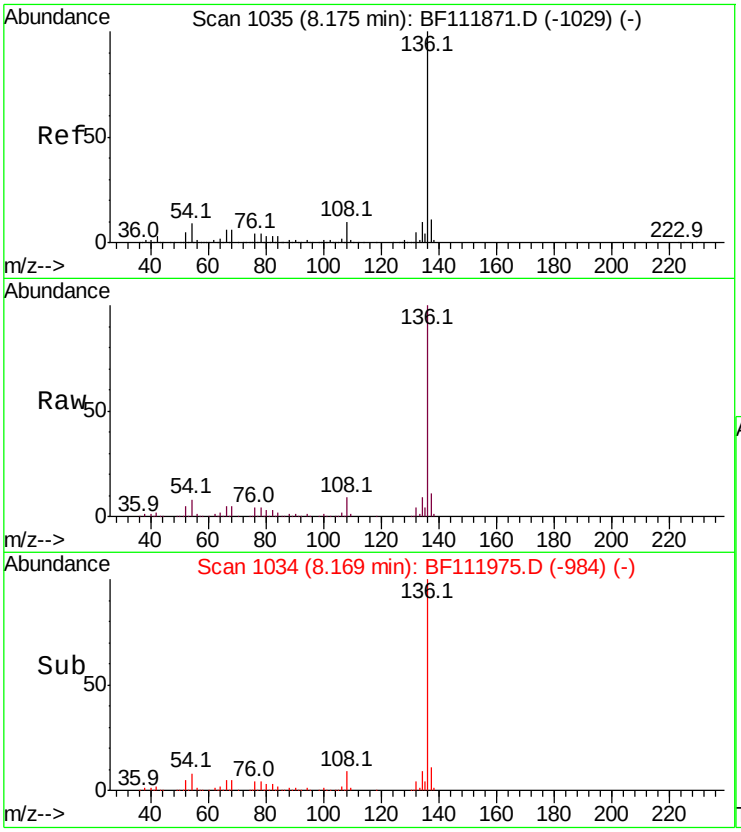


#19
n-Nitroso-di-n-propylamine
Concen: 11.017 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion: 70 Resp: 57196

Ion	Ratio	Lower	Upper
70	100		
42	52.1	53.6	80.4#
101	0.0	7.3	10.9#
130	1.7	16.8	25.2#



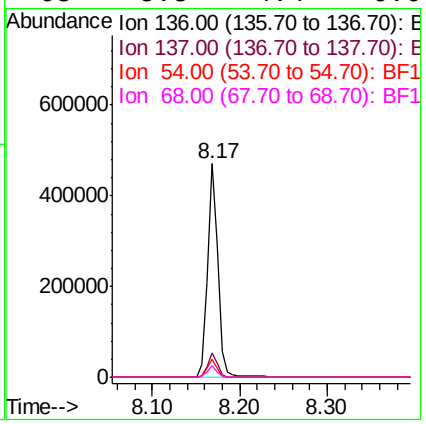


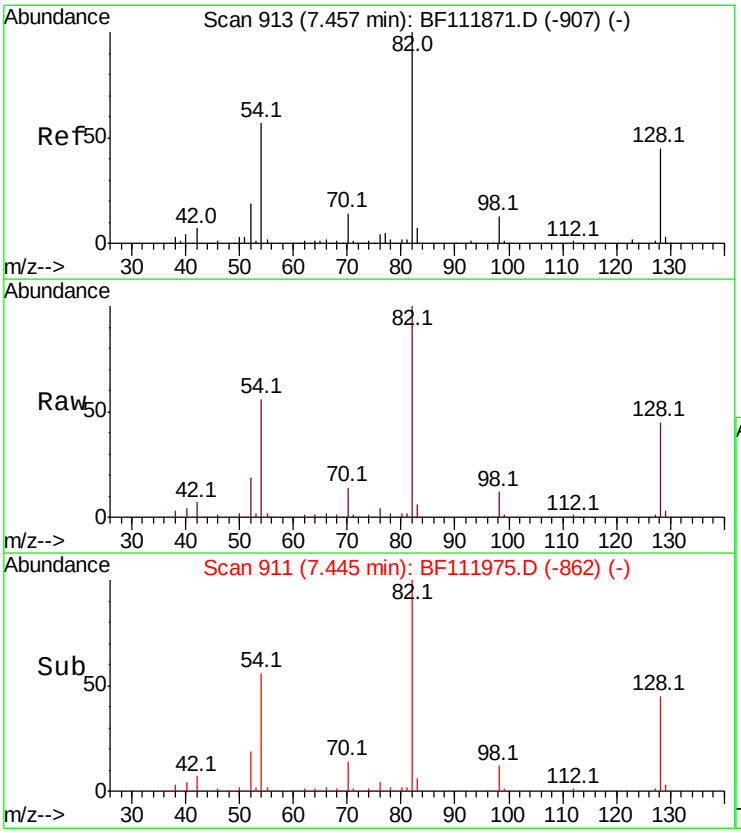
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 390285

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	7.2	10.8
68	5.3	4.4	6.6

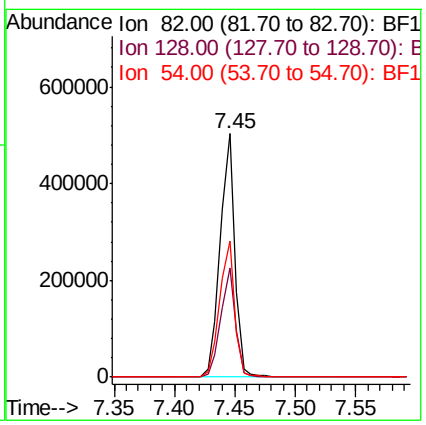


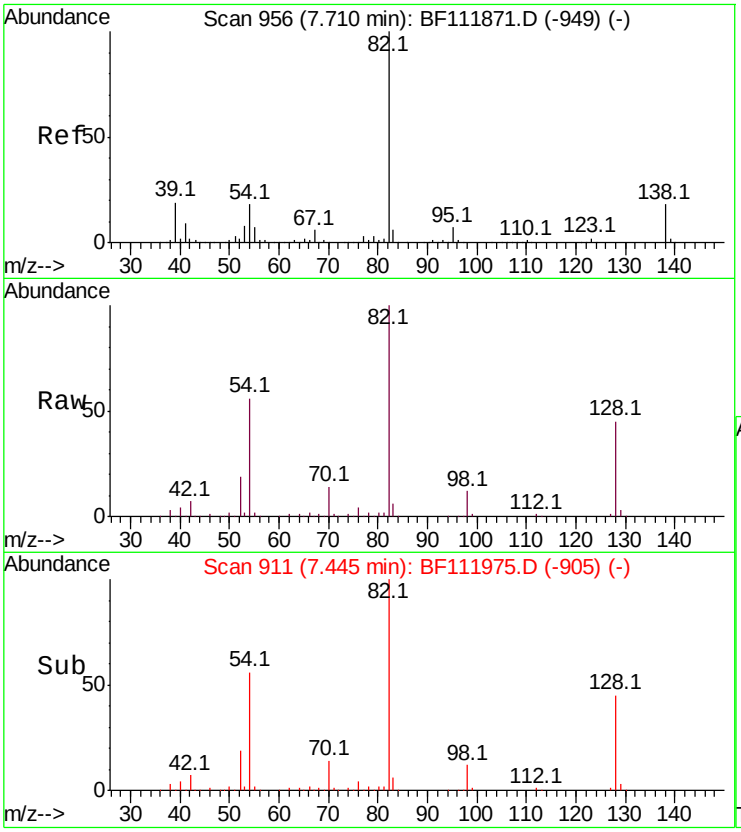


#23
Nitrobenzene-d5
Concen: 58.091 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion: 82 Resp: 424209

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.7	53.5
54	56.1	45.8	68.8



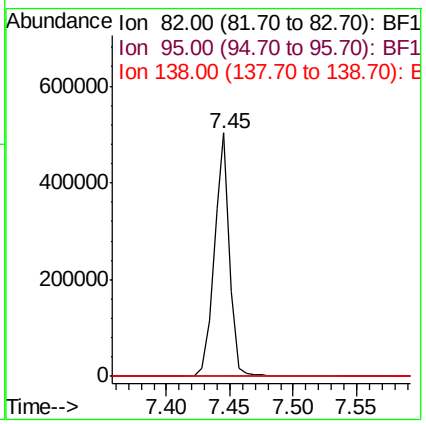


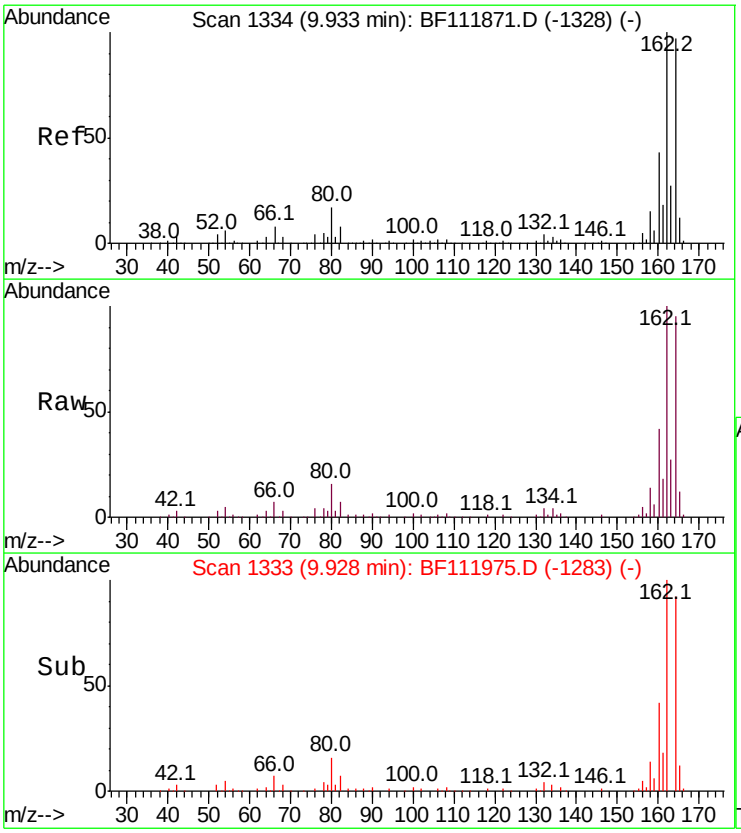
#25
Isophorone
Concen: 35.873 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 424203

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.4	21.6#

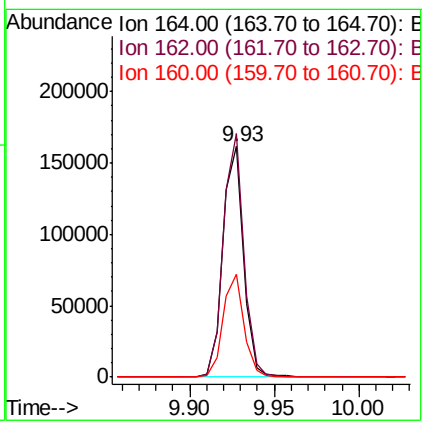


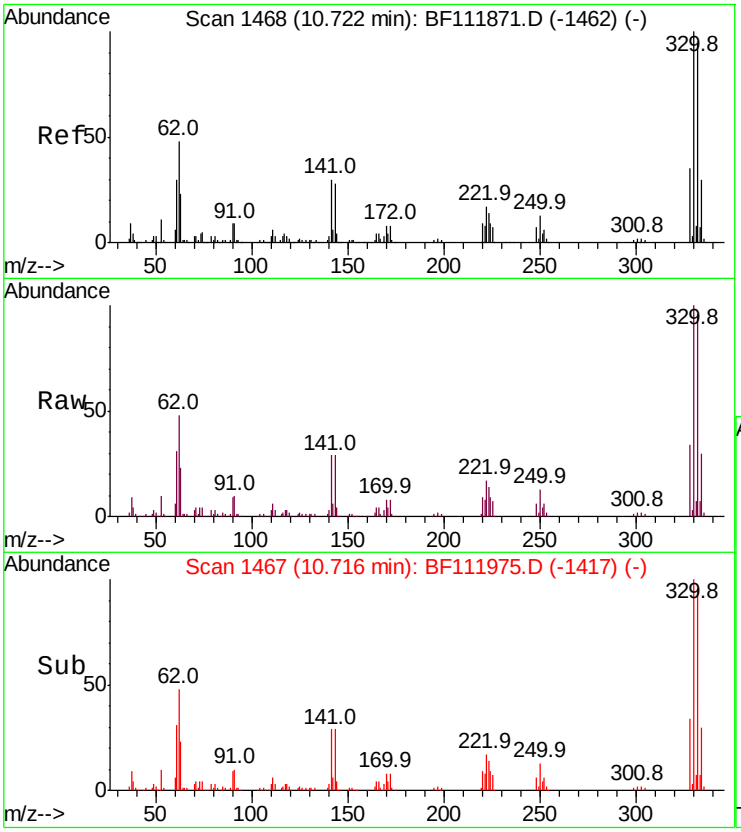


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion:164 Resp: 137281

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.2
160	44.6	35.5	53.3



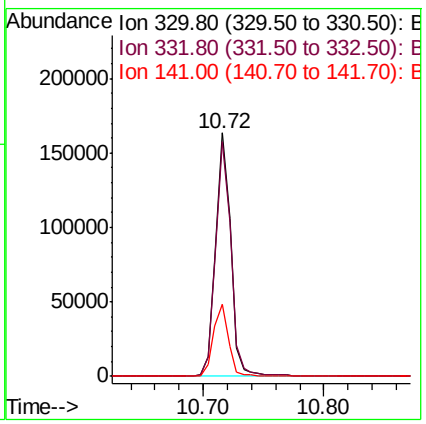


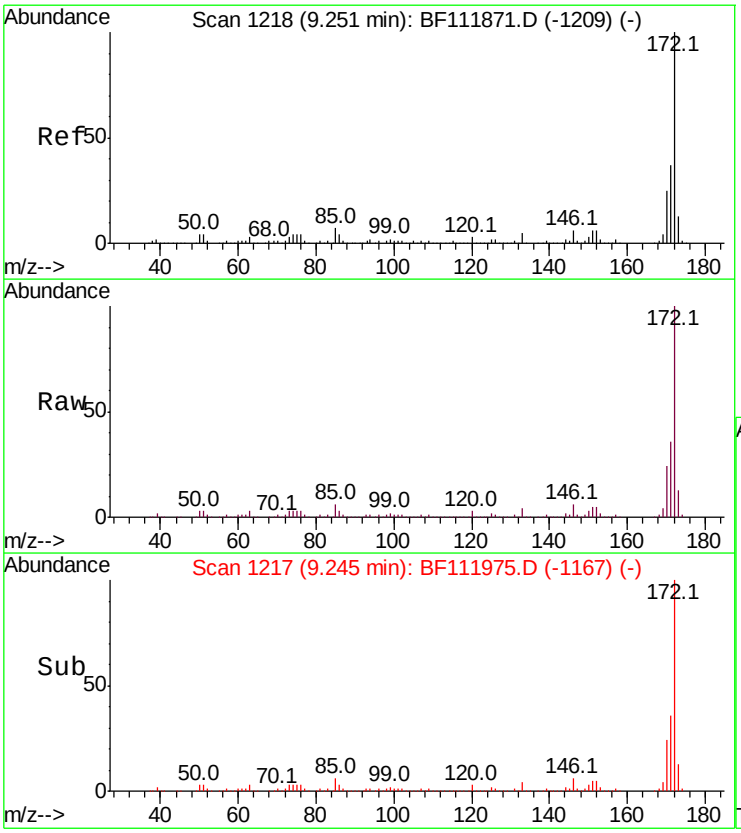
#42
2,4,6-Tribromophenol
Concen: 78.414 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 140016

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.9	115.3
141	29.4	23.7	35.5

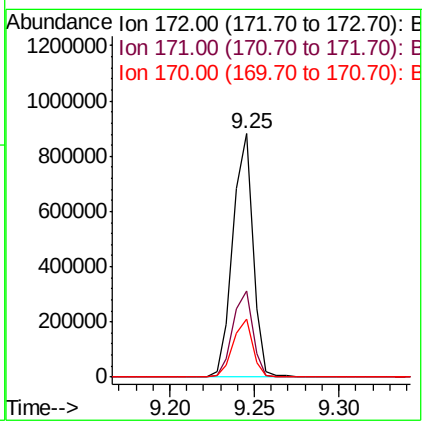


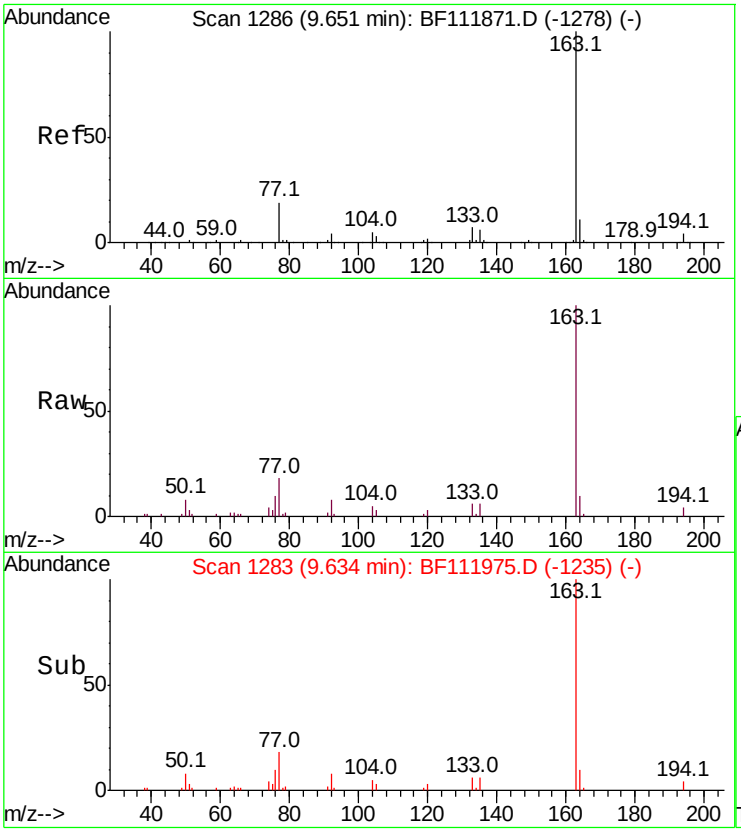


#45
2-Fluorobiphenyl
Concen: 77.670 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion:172 Resp: 731213

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.6	19.8	29.8



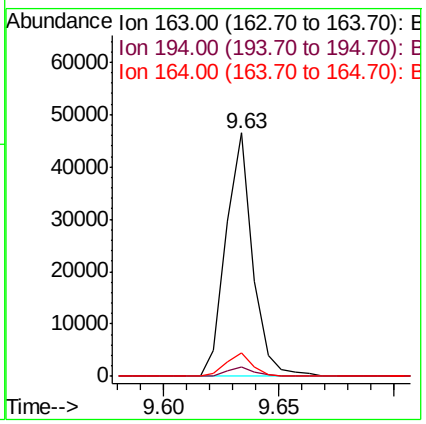


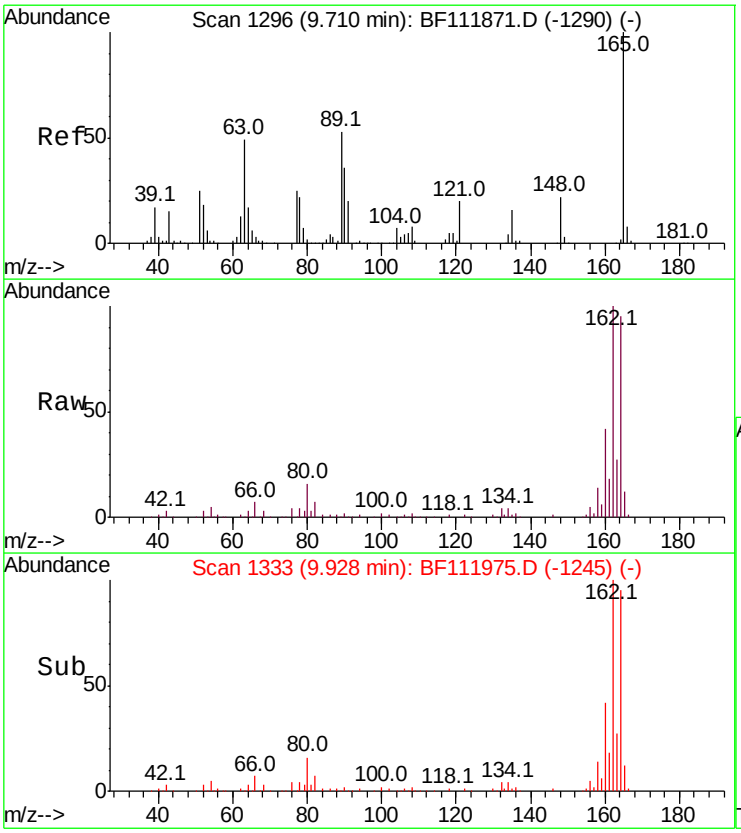
#50
Dimethylphthalate
Concen: 3.623 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 37358

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	9.7	8.5	12.7

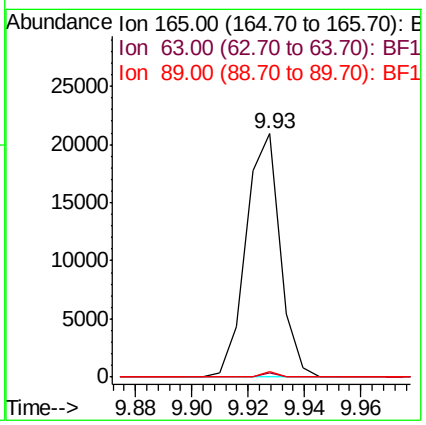


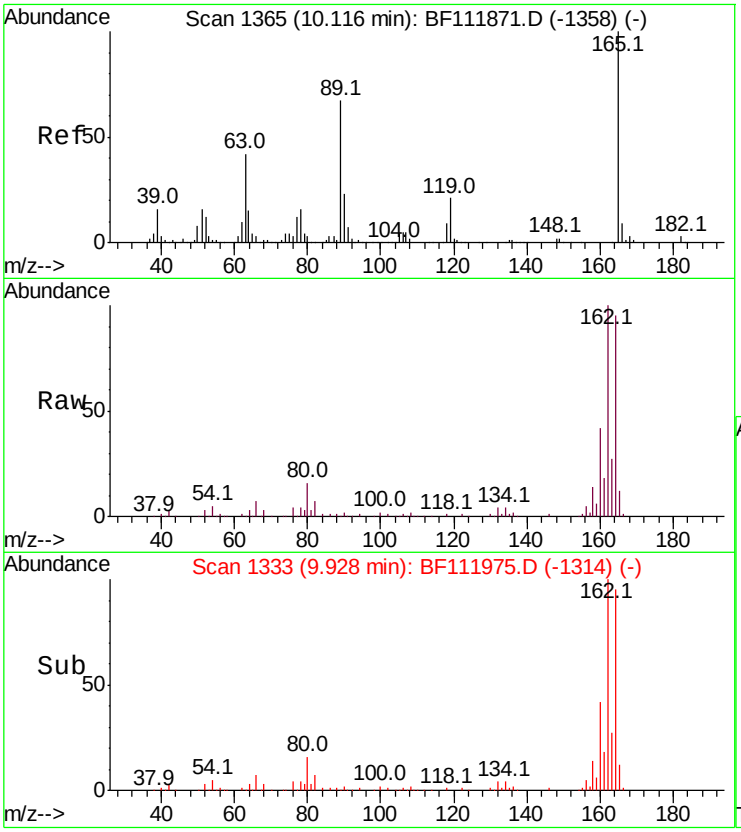


#51
2,6-Dinitrotoluene
Concen: 7.582 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion:165 Resp: 17486

Ion	Ratio	Lower	Upper
165	100		
63	1.5	46.2	69.2#
89	2.2	42.2	63.2#



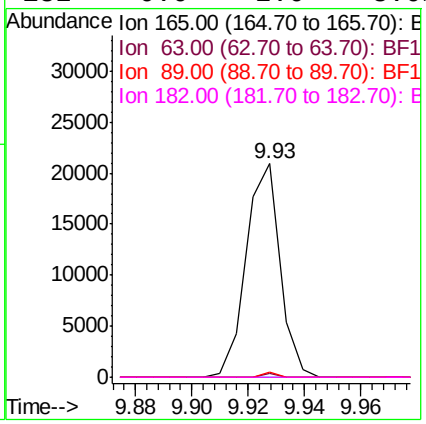


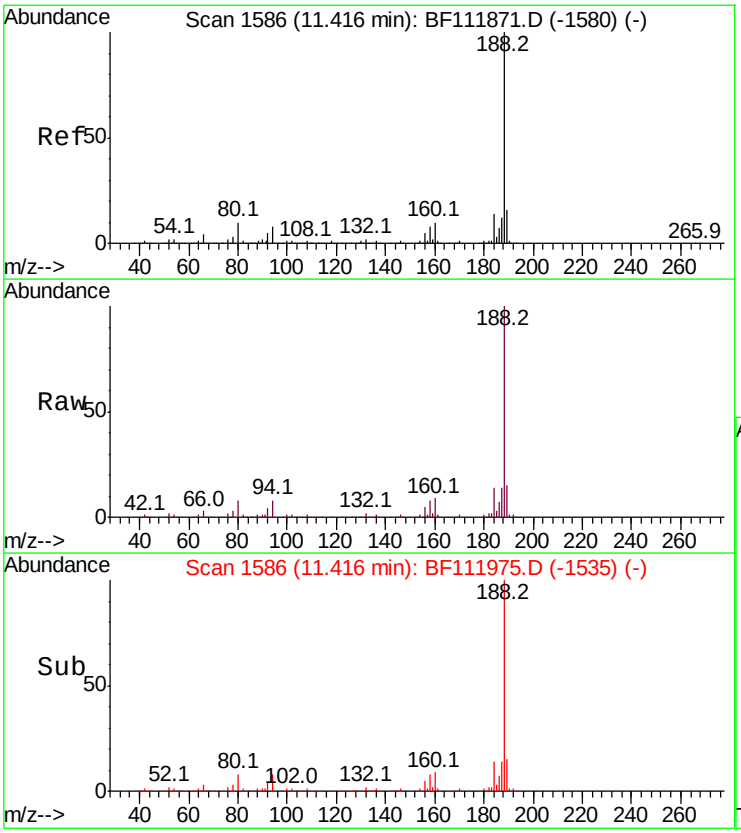
#57
2,4-Dinitrotoluene
Concen: 5.868 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17486

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.1	51.1#
89	2.2	53.5	80.3#
182	0.0	2.0	3.0#

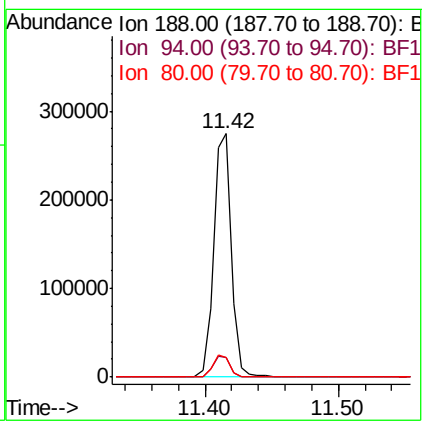


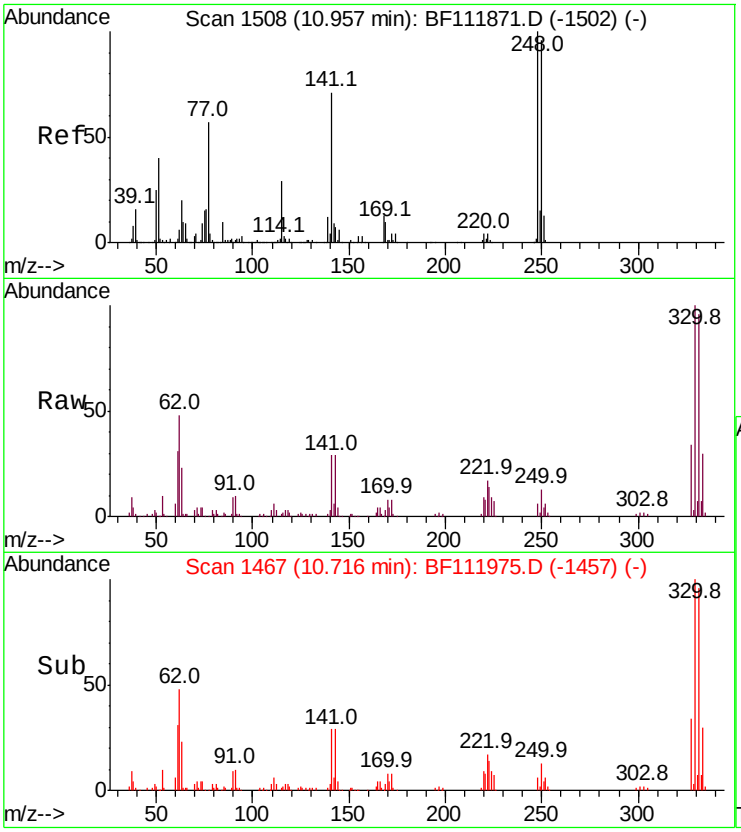


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion:188 Resp: 256105

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.2	7.7	11.5



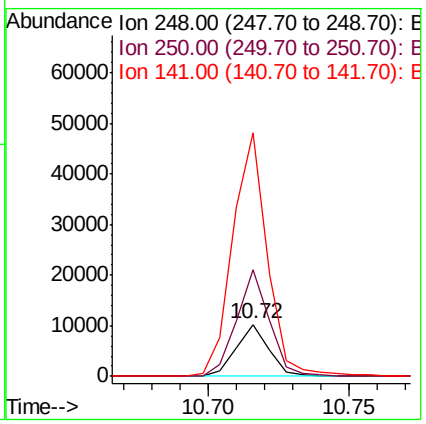


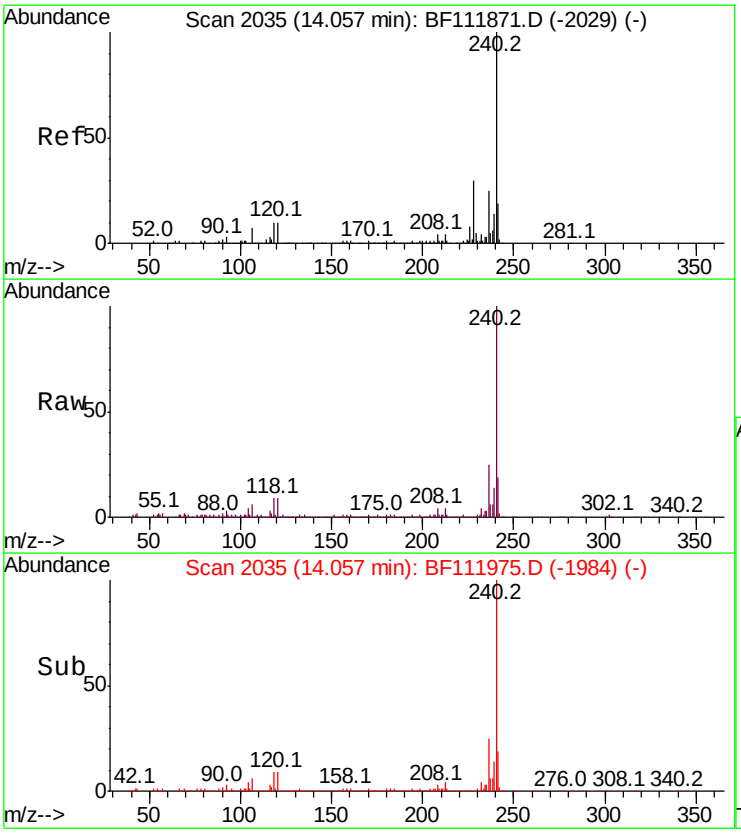
#67
4-Bromophenyl-phenylether
Concen: 2.458 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8153

Ion	Ratio	Lower	Upper
248	100		
250	206.9	76.8	115.2#
141	470.2	57.0	85.6#

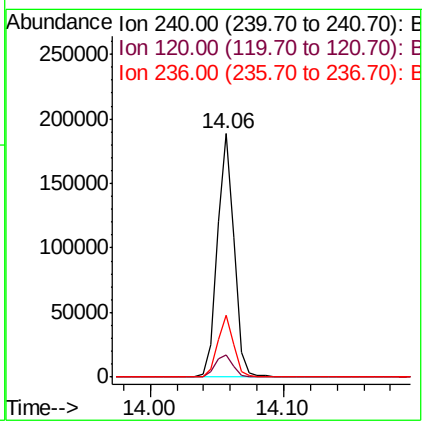


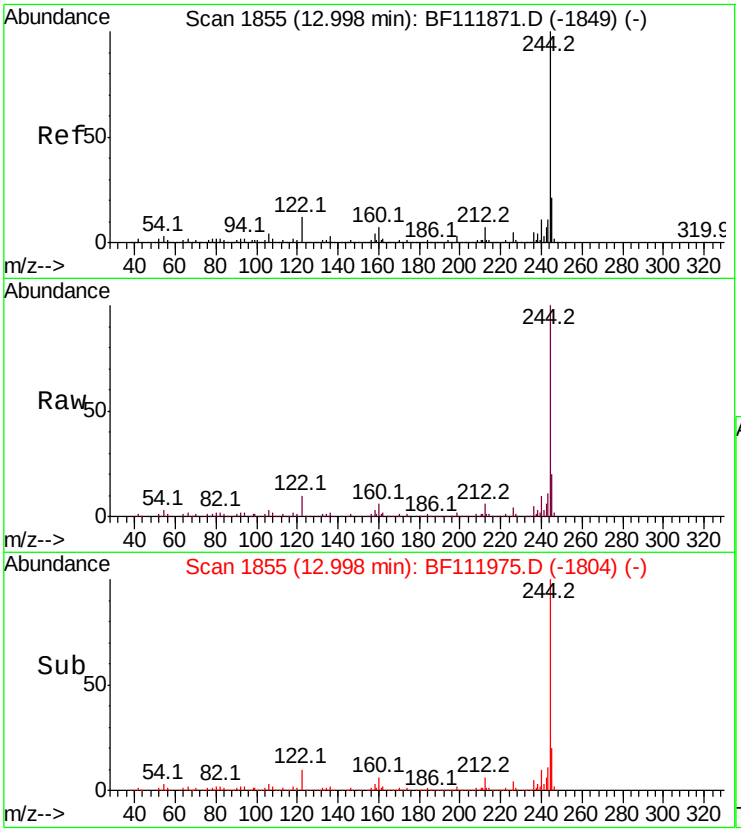


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion:240 Resp: 167347

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	25.4	20.2	30.4



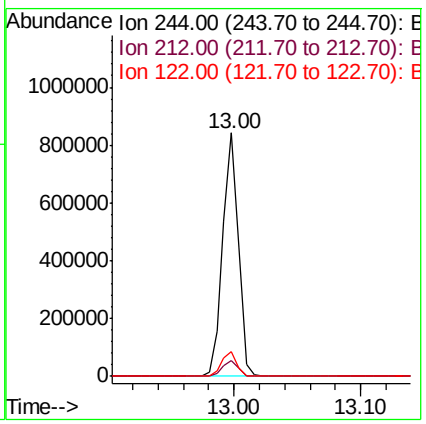


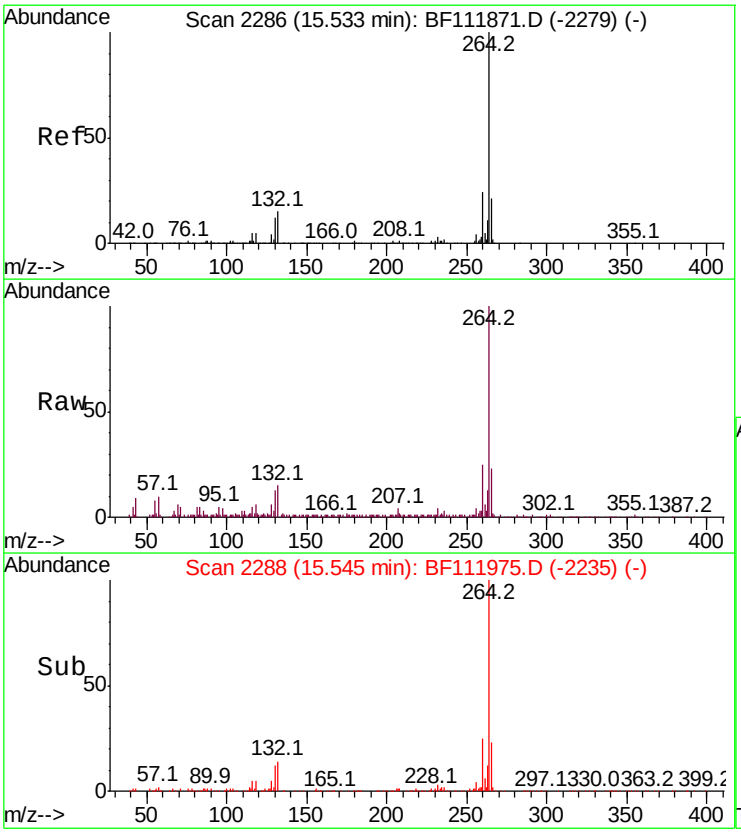
#79
Terphenyl-d14
Concen: 82.133 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 724084

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.2	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111975.D
Acq: 10 Jan 2019 3:55

Tgt Ion:264 Resp: 132702

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	23.2	17.1	25.7