Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113076.D
Acq On : 15 Mar 2019 20:06
Operator : JU/SJ
Sample : K1929-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RS-2N3(0.0-0.5)

Quant Time: Mar 15 22:56:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	137684	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	548179	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	274167	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	566181	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	442220	20.00	ng		0.00
87) Perylene-d12	15.27	264	467534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	979098	110.62	ng		0.00
7) Phenol-d6	6.37	99	1273245	114.52	ng		0.00
23) Nitrobenzene-d5	7.29	82	783972	85.58	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	431520	148.26	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1294858	76.12	ng		0.00
79) Terphenyl-d14	12.82	244	1413879	61.98	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.27	77	25178	3.143	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	102155	14.507	ng	#	76
25) Isophorone	7.29	82	777044	39.372	ng	#	66
27) 2,4-Dimethylphenol	7.78	122	142206	18.009	ng	#	5
32) Benzoic acid	7.78	122	142206	25.694	ng		91
50) Dimethylphthalate	9.47	163	138749	6.863	ng		99
57) 2,4-Dinitrotoluene	9.76	165	34798	6.650	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	627	4.856	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	24855	4.168	ng	#	1

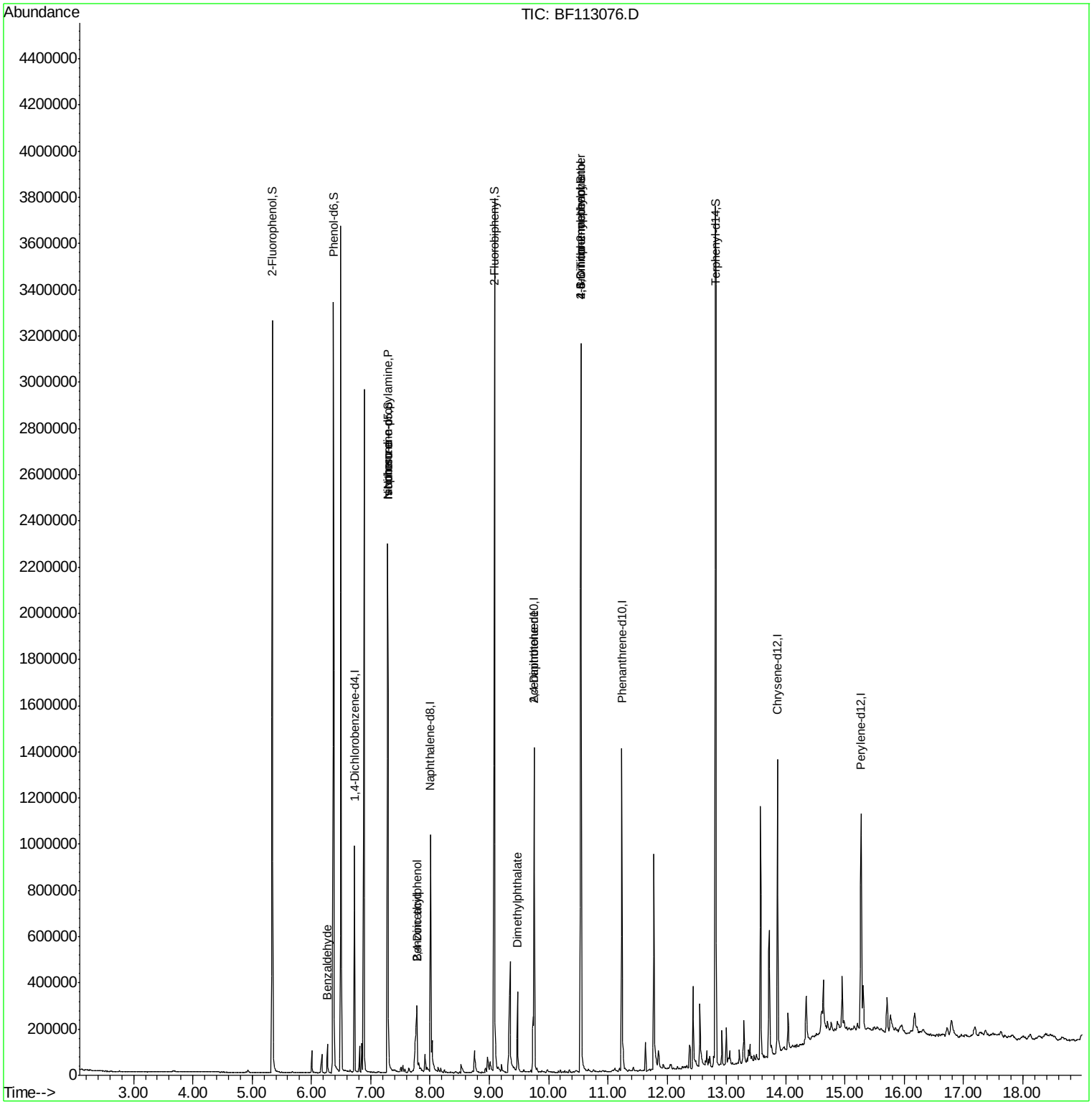
(#) = qualifier out of range (m) = manual integration (+) = signals summed

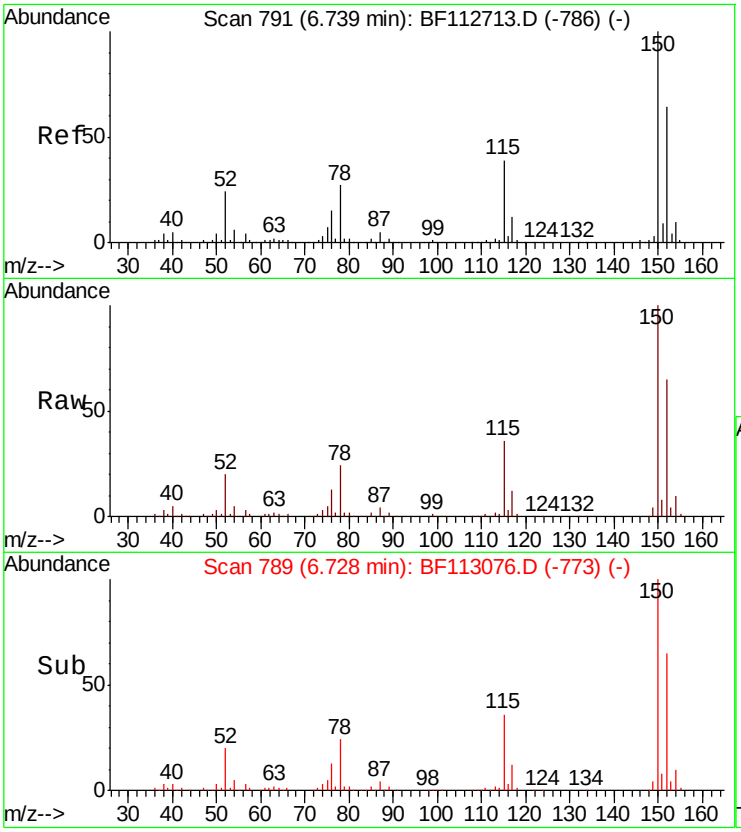
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113076.D
Acq On : 15 Mar 2019 20:06
Operator : JU/SJ
Sample : K1929-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Quant Time: Mar 15 22:56:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



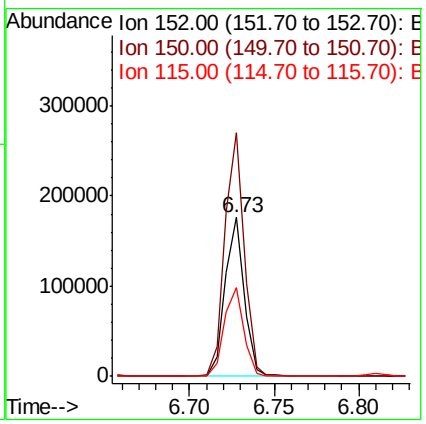


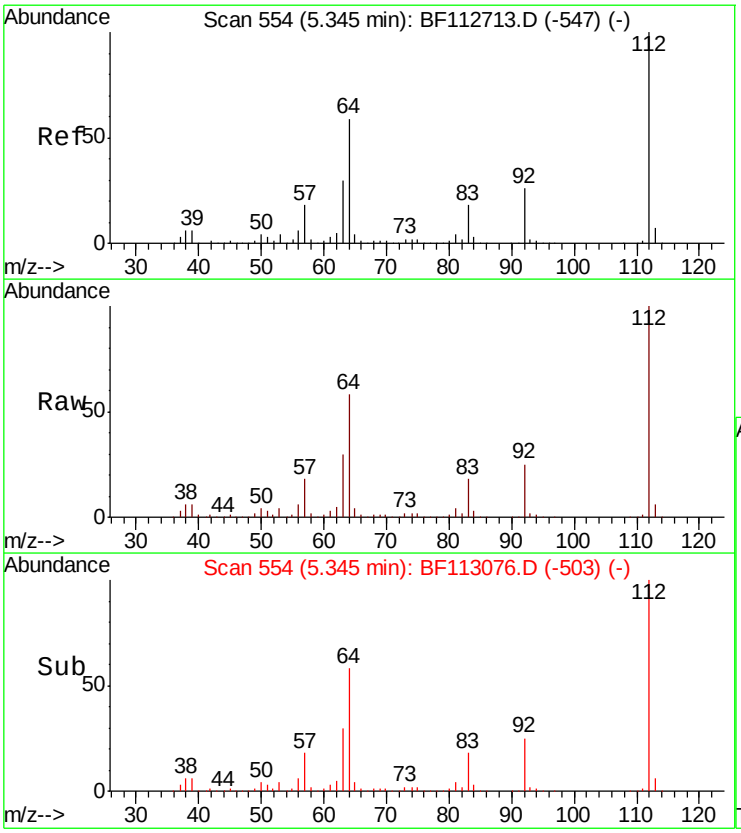
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion:152 Resp: 137684

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.2
115	55.8	48.2	72.4

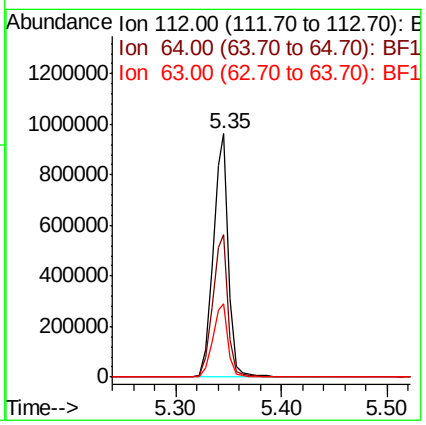


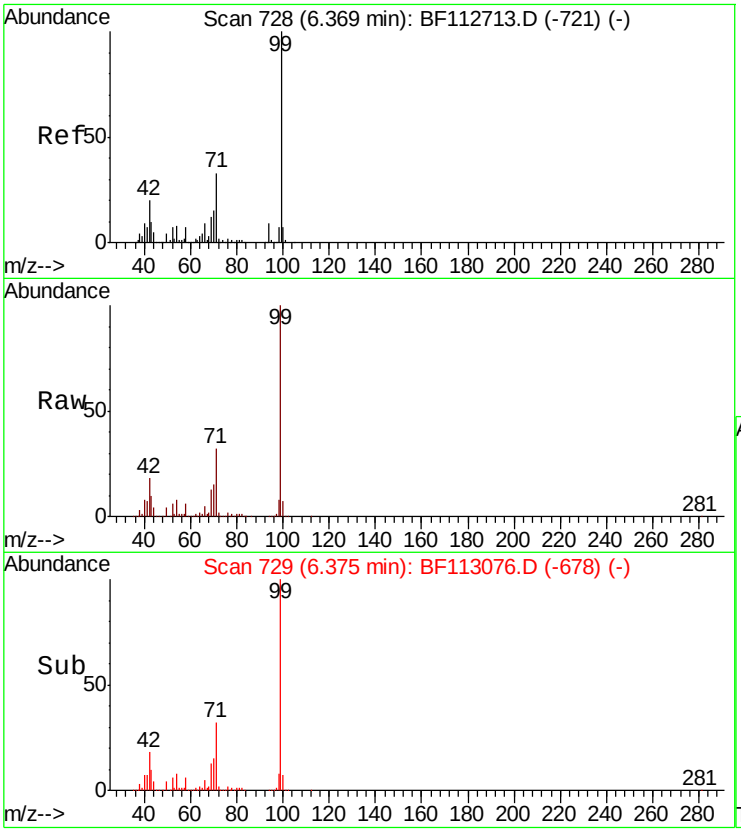


#5
2-Fluorophenol
Concen: 110.618 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:112 Resp: 979098

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.6	71.4
63	29.9	24.4	36.6



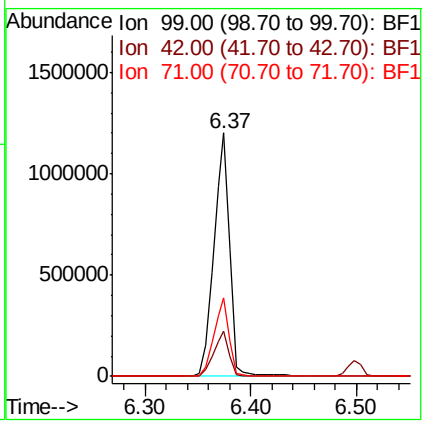


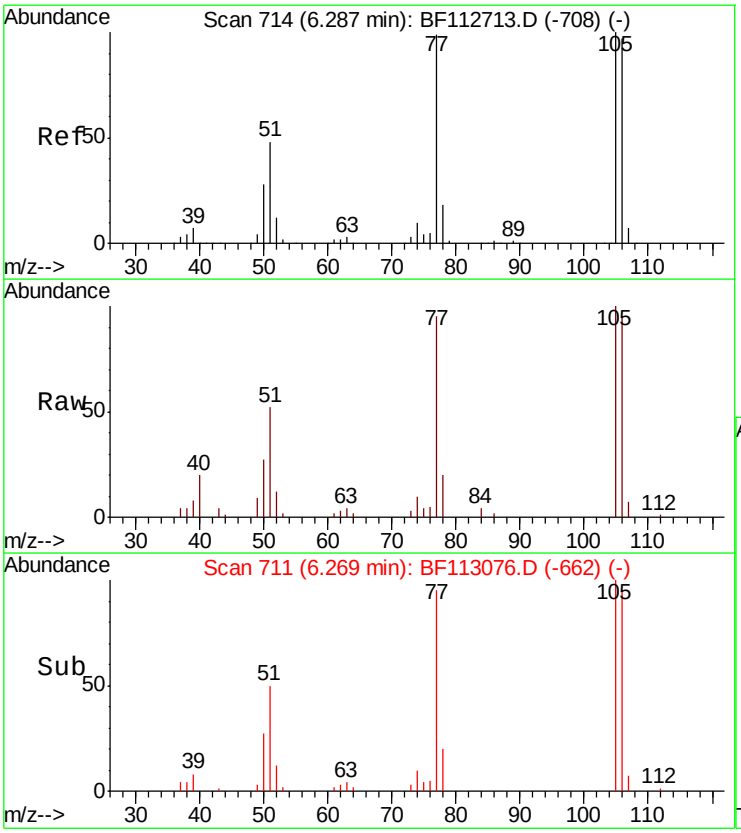
#7
Phenol-d6
Concen: 114.515 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion: 99 Resp: 1273245

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	32.1	26.2	39.4

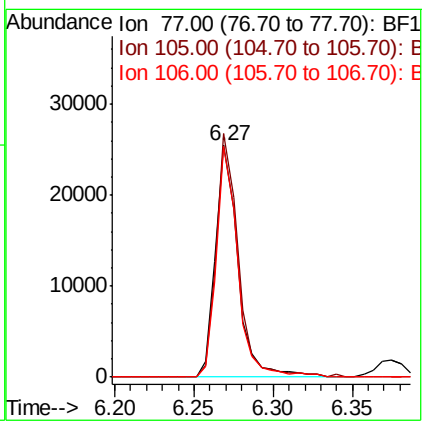


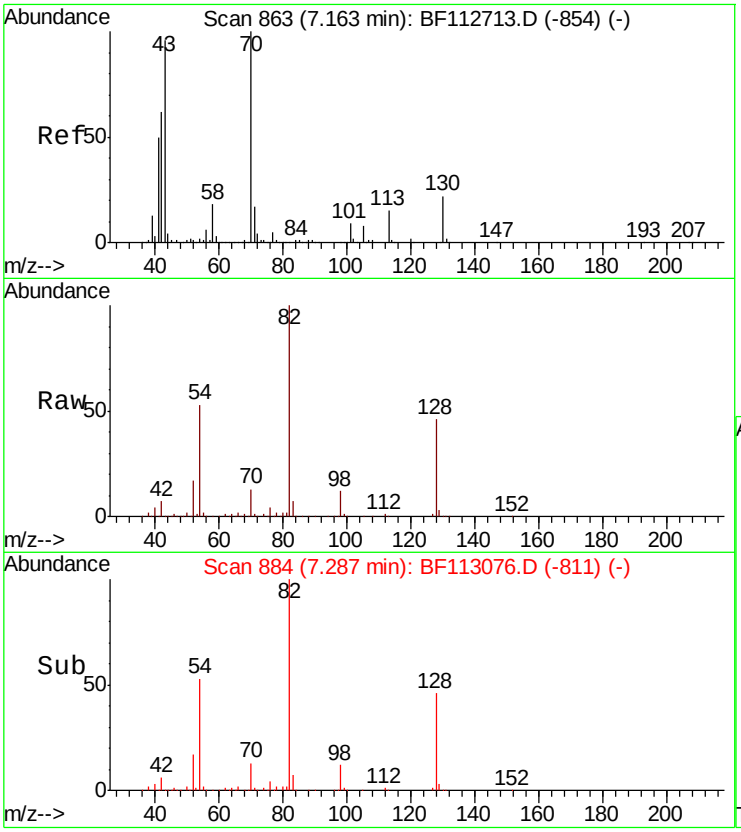


#9
Benzaldehyde
Concen: 3.143 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion: 77 Resp: 25178

Ion	Ratio	Lower	Upper
77	100		
105	105.1	81.4	121.4
106	99.8	78.3	118.3



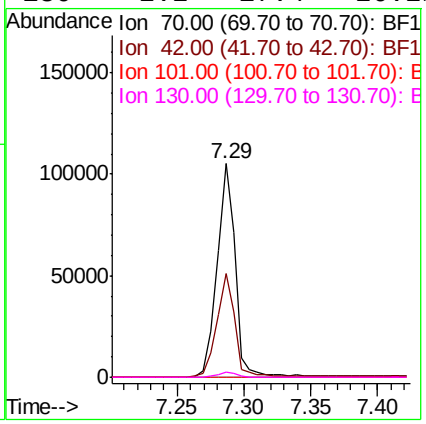


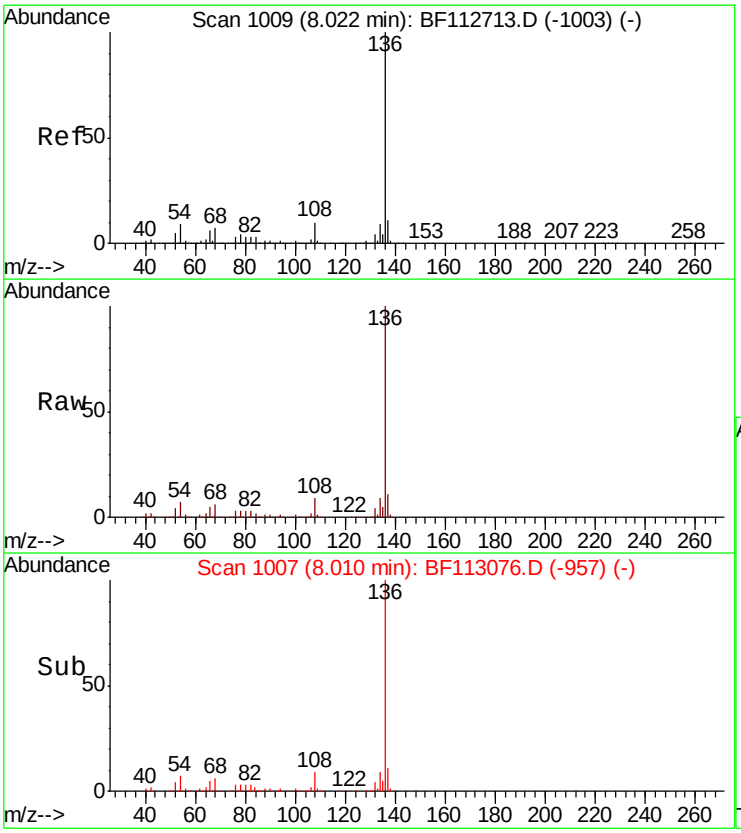
#19
n-Nitroso-di-n-propylamine
Concen: 14.507 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion: 70 Resp: 102155

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#

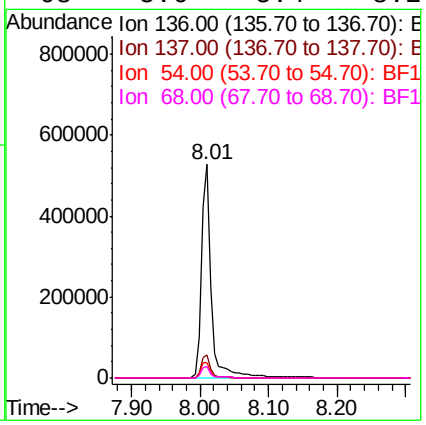


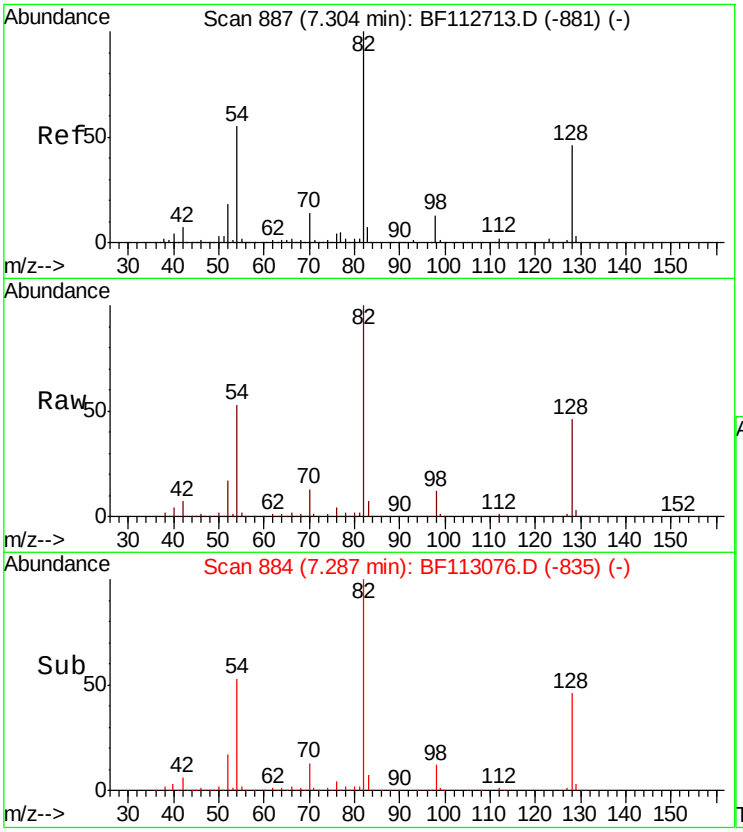


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:136 Resp: 548179

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	7.3	10.9
68	5.6	5.4	8.2



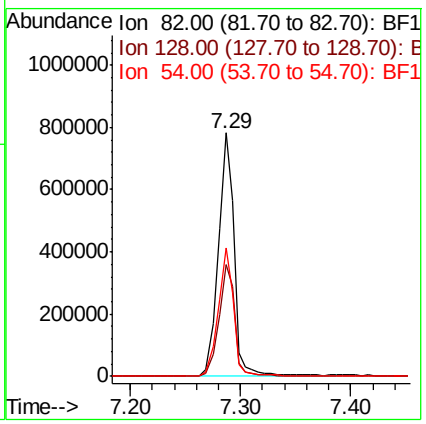


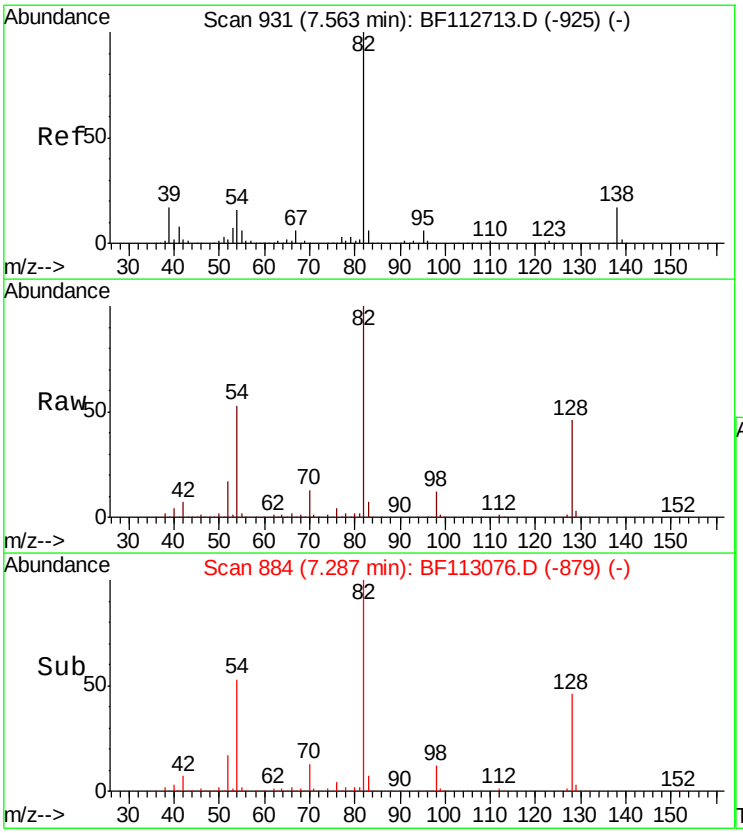
#23
Nitrobenzene-d5
Concen: 85.577 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion: 82 Resp: 783972

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	52.7	43.7	65.5

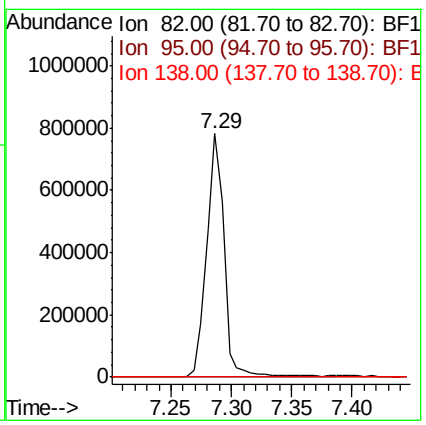


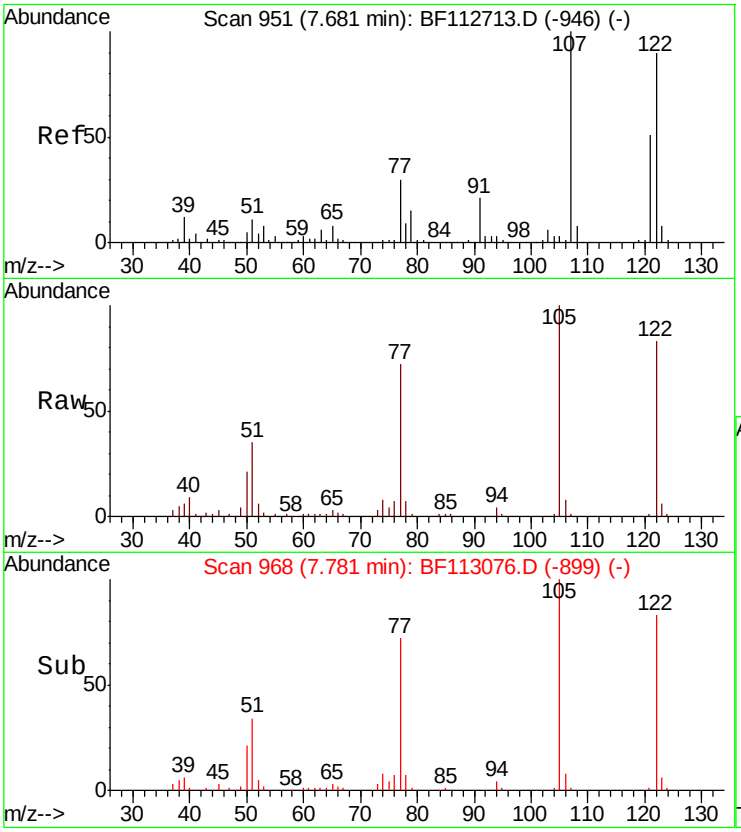


#25
Isophorone
Concen: 39.372 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion: 82 Resp: 777044

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



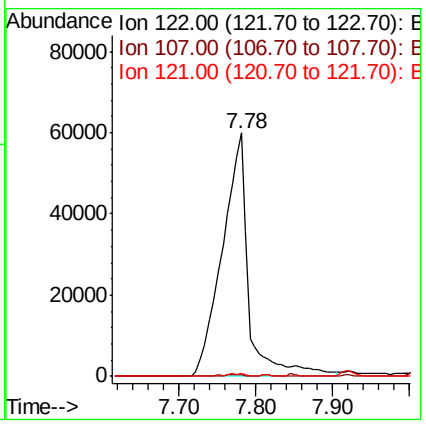


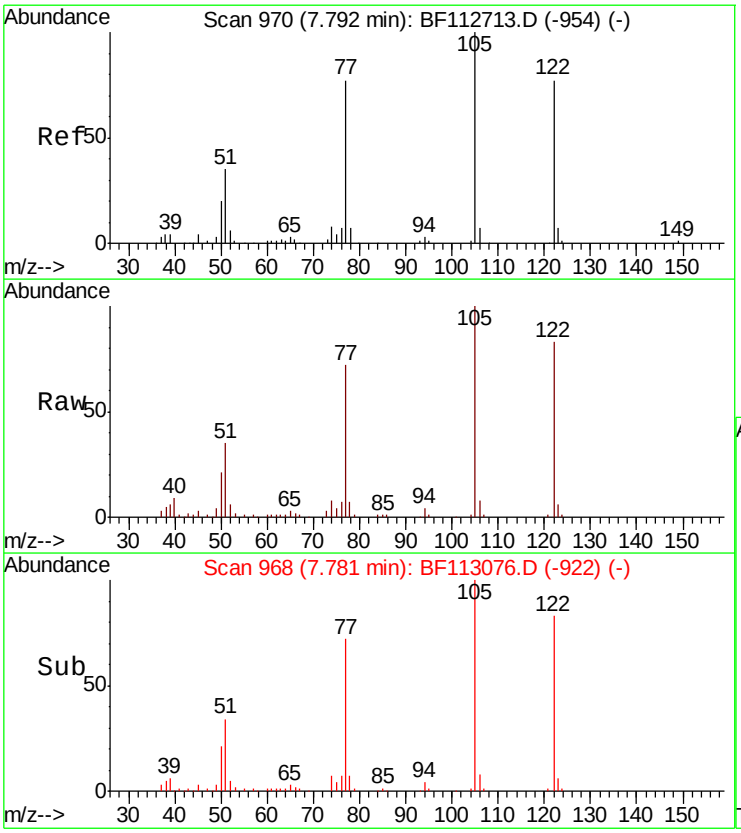
#27
2,4-Dimethylphenol
Concen: 18.009 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.11 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion:122 Resp: 142206

Ion	Ratio	Lower	Upper
122	100		
107	0.7	89.4	134.0#
121	1.0	45.5	68.3#

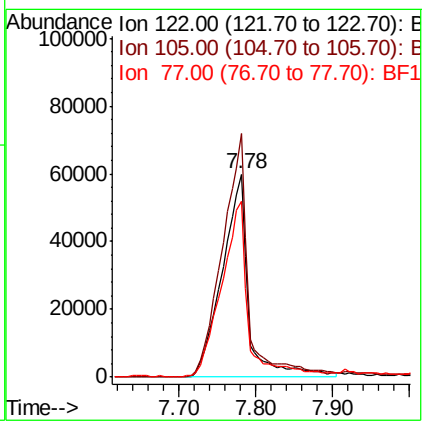


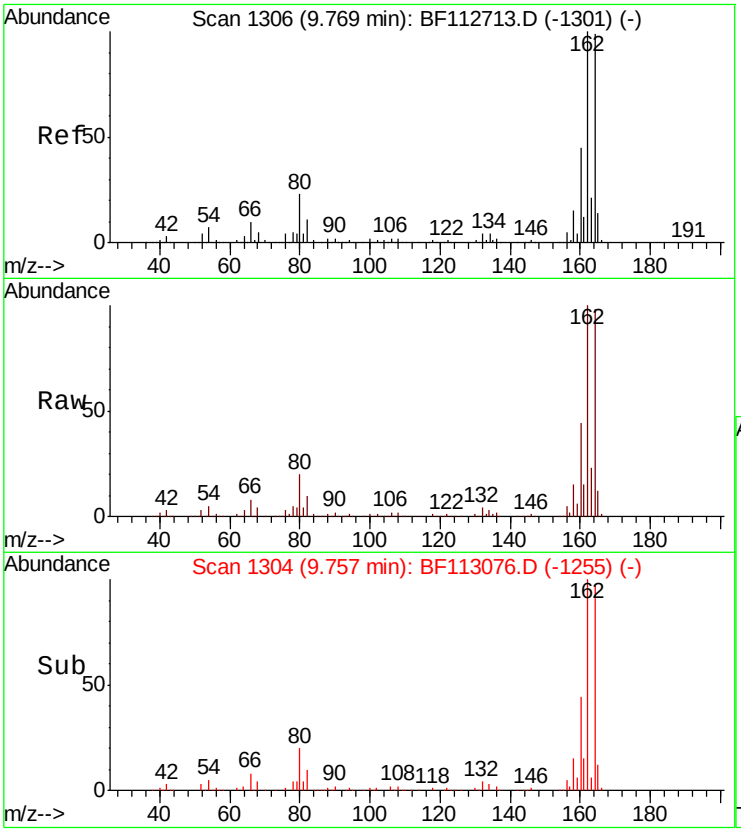


#32
Benzoic acid
Concen: 25.694 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.03 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:122 Resp: 142206

Ion	Ratio	Lower	Upper
122	100		
105	119.8	106.8	146.8
77	86.4	79.4	119.4



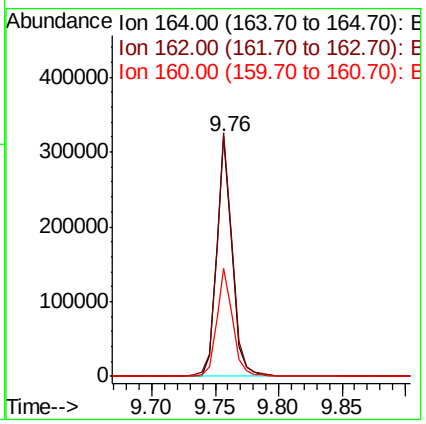


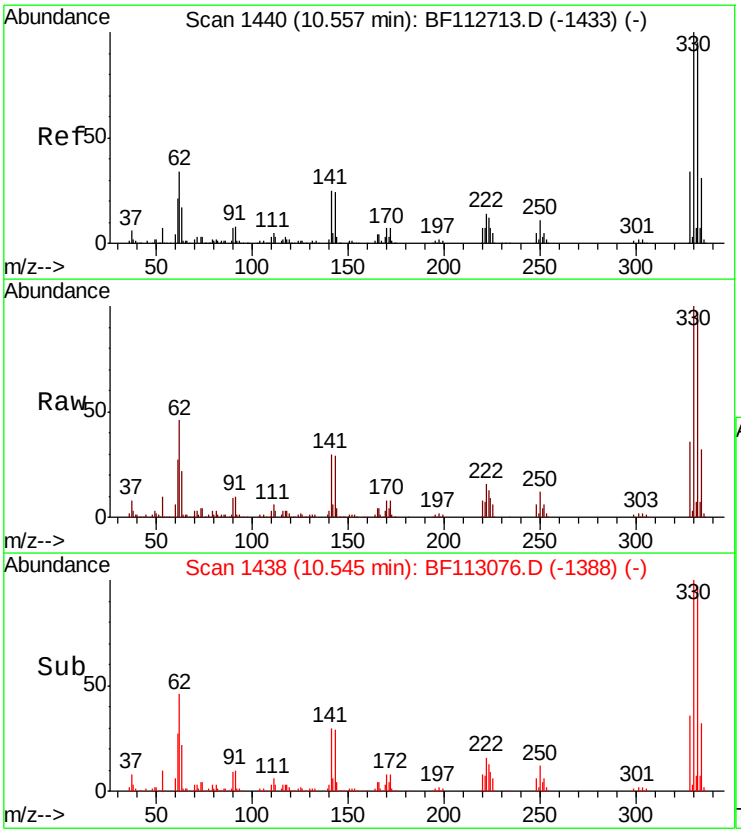
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion:164 Resp: 274167

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	44.8	36.0	54.0

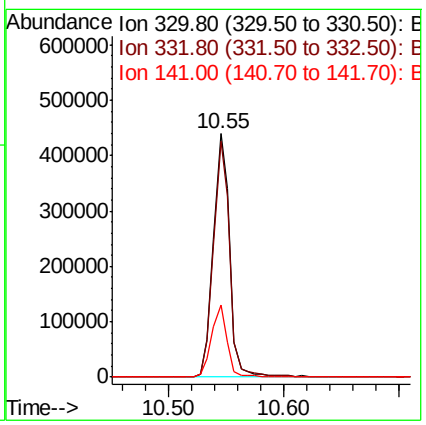


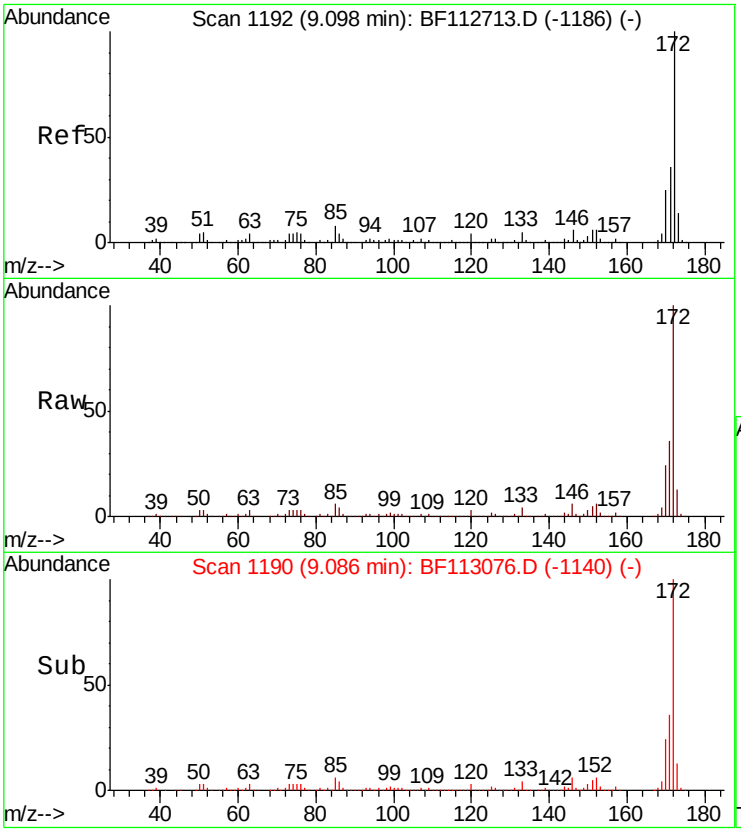


#42
2,4,6-Tribromophenol
Concen: 148.257 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:330 Resp: 431520

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	28.6	27.0	40.6



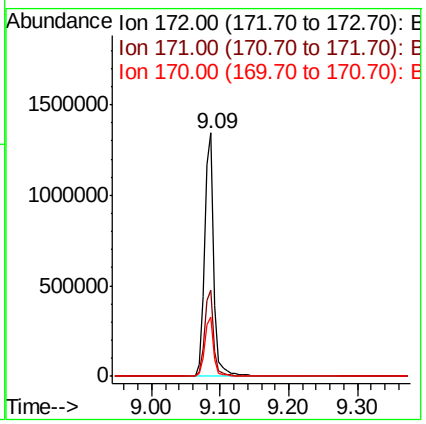


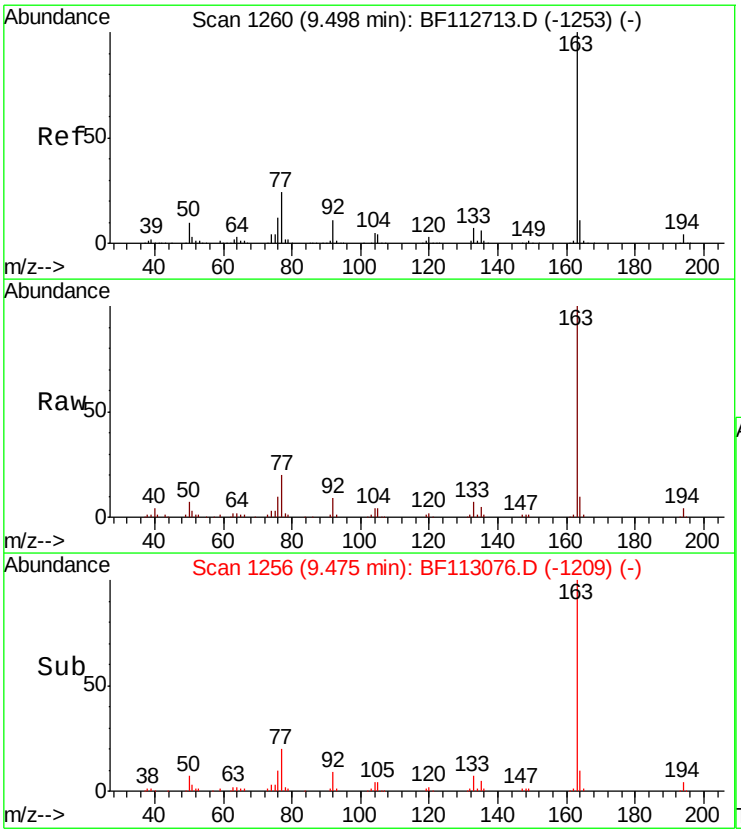
#45
2-Fluorobiphenyl
Concen: 76.121 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion:172 Resp: 1294858

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.3	20.0	30.0

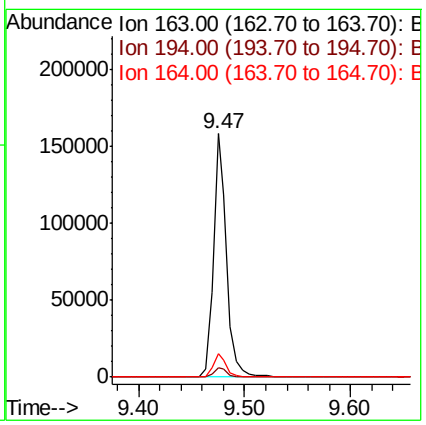


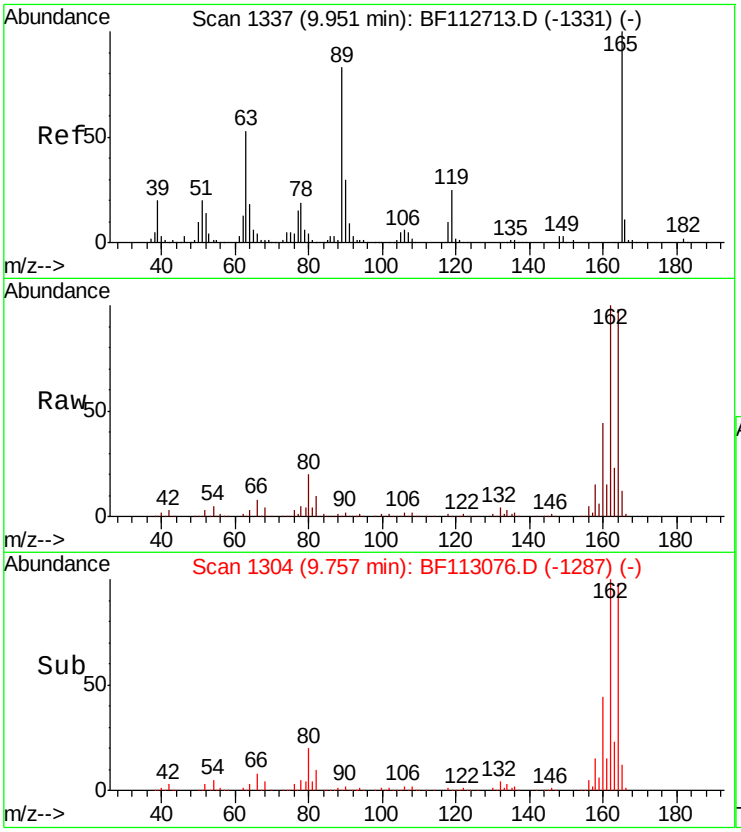


#50
Dimethylphthalate
Concen: 6.863 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:163 Resp: 138749

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.9	8.4	12.6



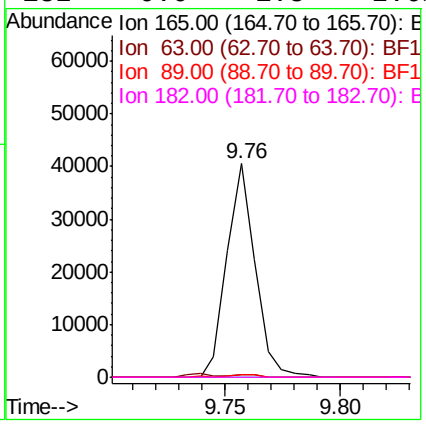


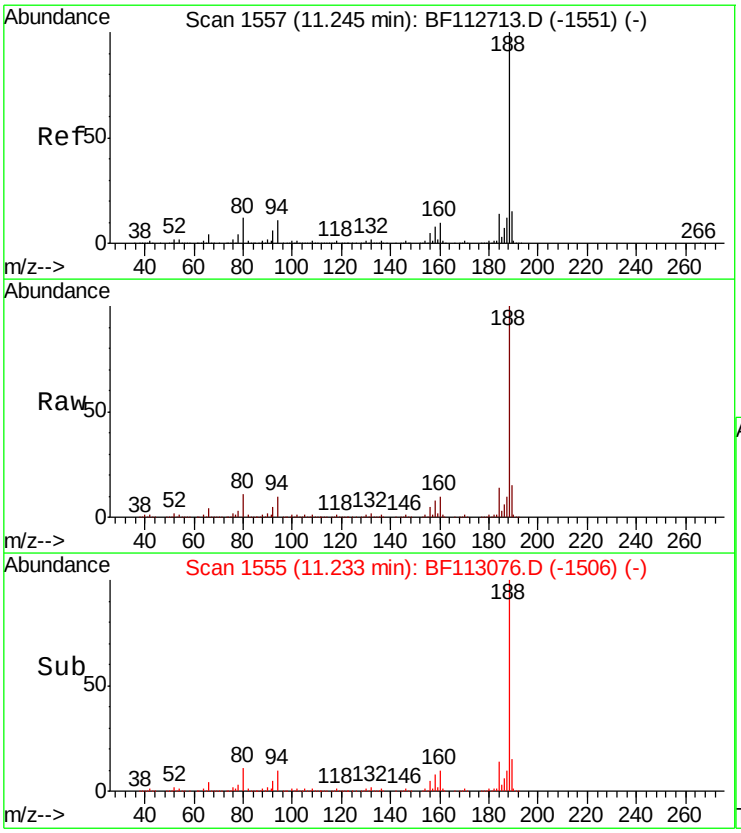
#57
2,4-Dinitrotoluene
Concen: 6.650 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion:165 Resp: 34798

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#

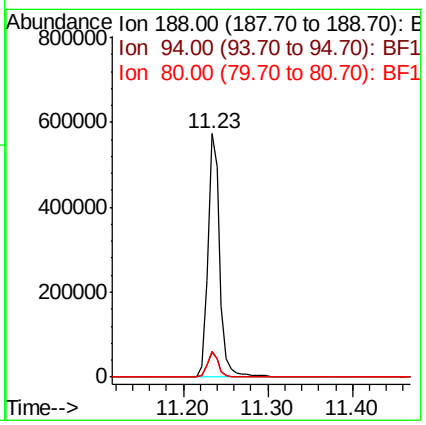


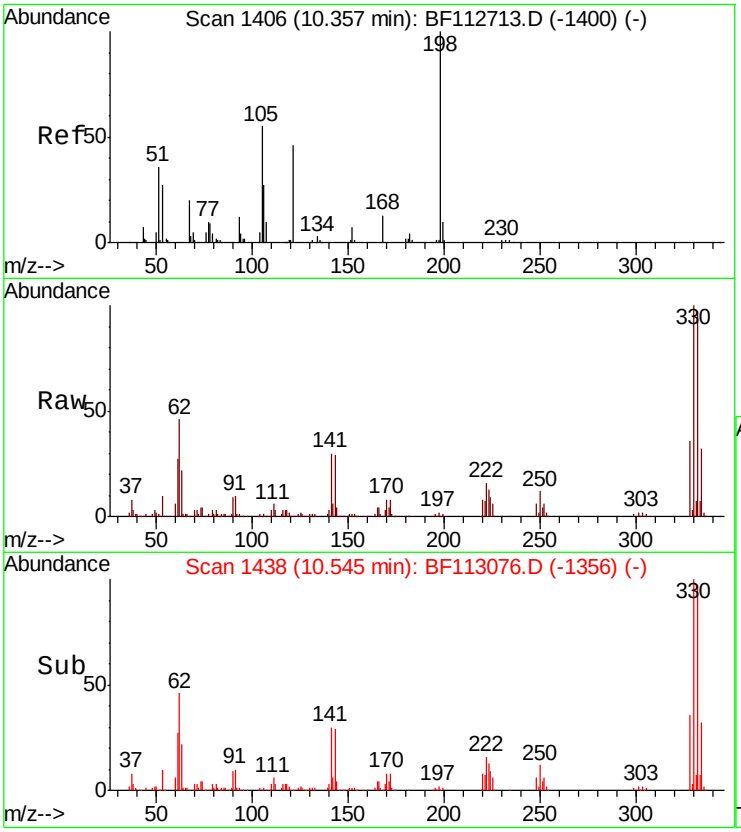


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:188 Resp: 566181

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.4
80	10.7	9.2	13.8



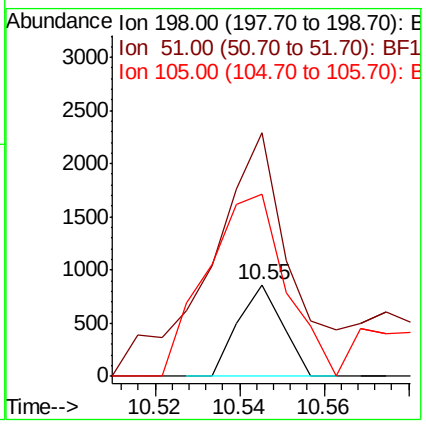


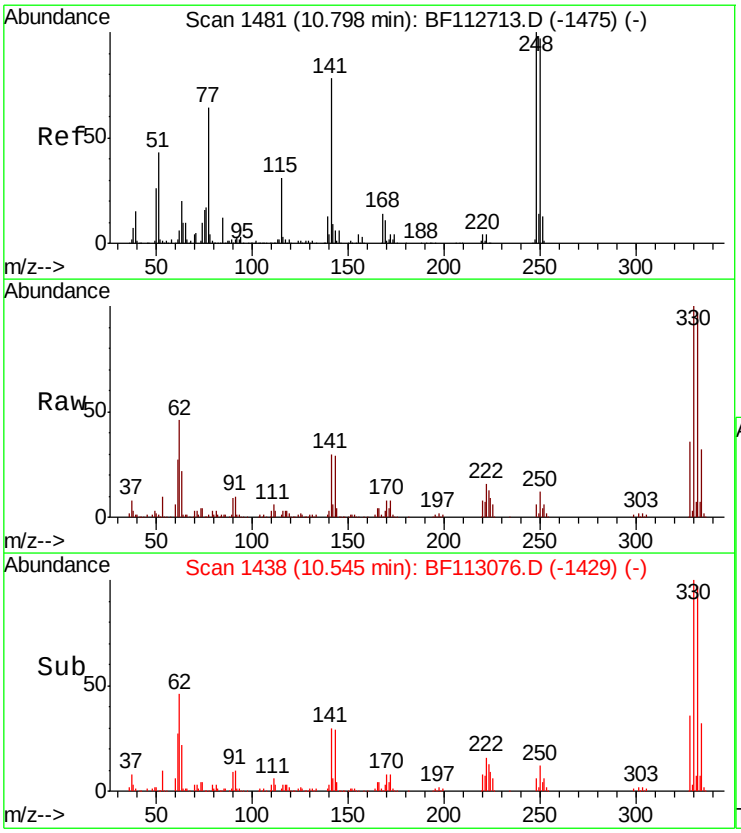
#65
4,6-Dinitro-2-methylphenol
Concen: 4.856 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion:198 Resp: 627

Ion	Ratio	Lower	Upper
198	100		
51	265.7	43.8	83.8#
105	199.0	36.5	76.5#

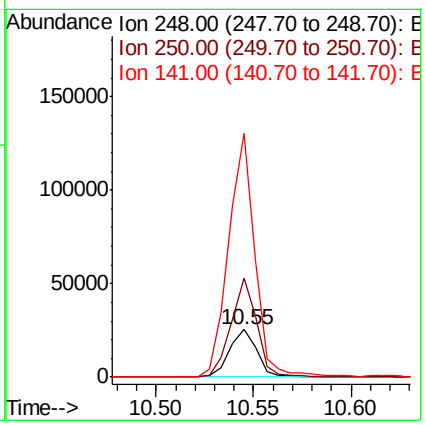


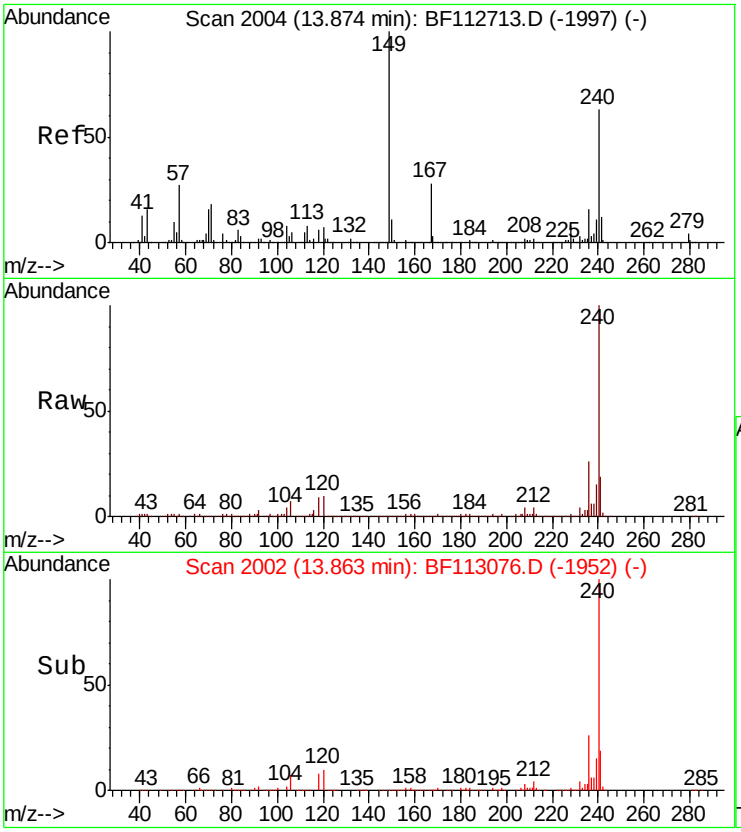


#67
4-Bromophenyl-phenylether
Concen: 4.168 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:248 Resp: 24855

Ion	Ratio	Lower	Upper
248	100		
250	209.0	77.5	116.3#
141	511.1	62.4	93.6#



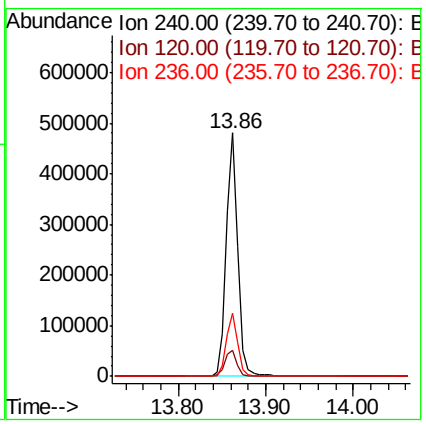


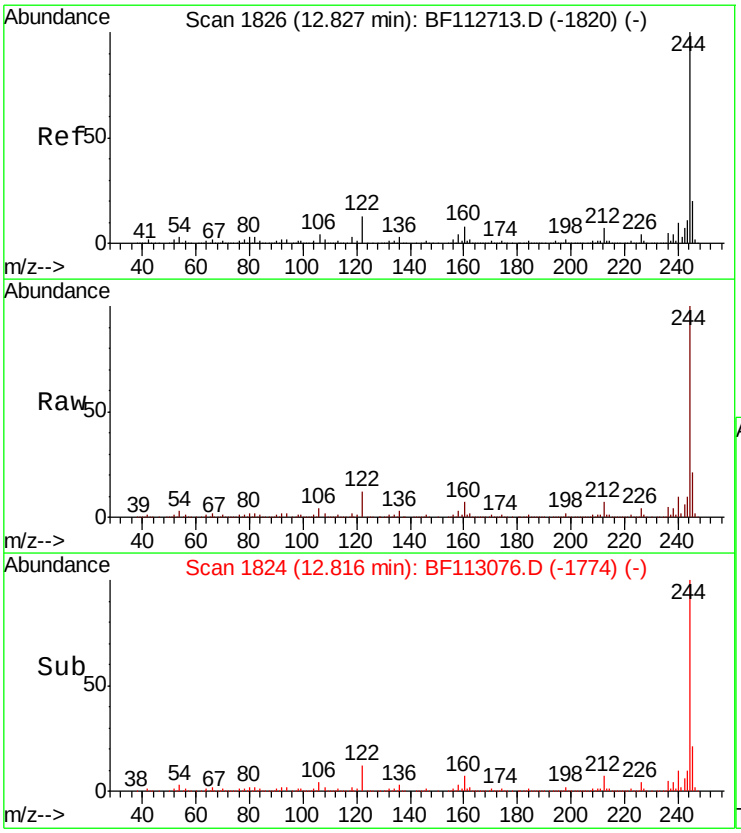
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion:240 Resp: 442220

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	26.0	20.7	31.1

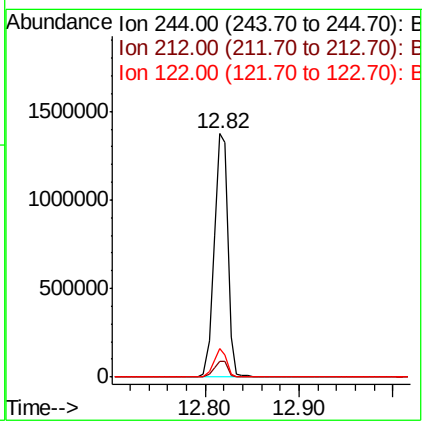


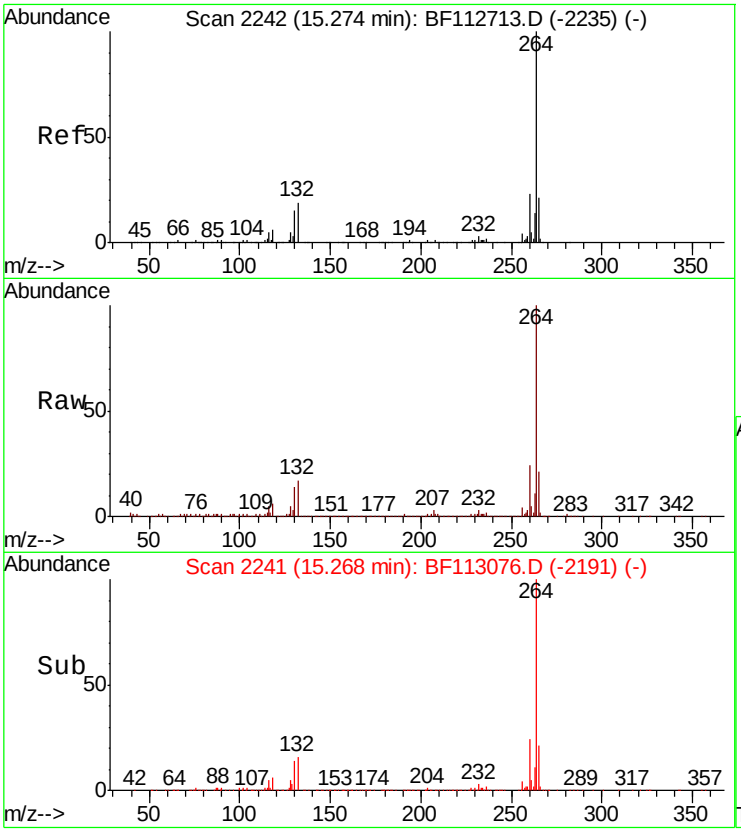


#79
Terphenyl-d14
Concen: 61.978 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Tgt Ion:244 Resp: 1413879

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.9	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113076.D
Acq: 15 Mar 2019 20:06

Instrument :
BNA_F
ClientSampleId :
RS-2N3(0.0-0.5)

Tgt Ion:264 Resp: 467534

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	17.2	25.8