Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112366.D
Acq On : 1 Feb 2019 21:59
Operator : JU/SJ
Sample : K1290-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 012919-SIDI-E-U-S

Quant Time: Feb 01 23:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	169271	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	620849	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	285858	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	474620	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	361325	20.00	ng	0.00
87) Perylene-d12	15.47	264	347064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	346103	43.43	ng	-0.01
7) Phenol-d6	6.48	99	258460	23.34	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1041983	96.70	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	293076	88.08	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2061011	101.97	ng	0.00
79) Terphenyl-d14	12.94	244	1533667	79.94	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	42166	3.471	ng	# 74
19) n-Nitroso-di-n-propylamine	7.40	70	144130	18.876	ng	# 75
25) Isophorone	7.40	82	1041976	61.642	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	35955	7.228	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	35956	5.678	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	17150	3.072	ng	# 1
77) Benzidine	12.94	184	20257	2.037	ng	# 93

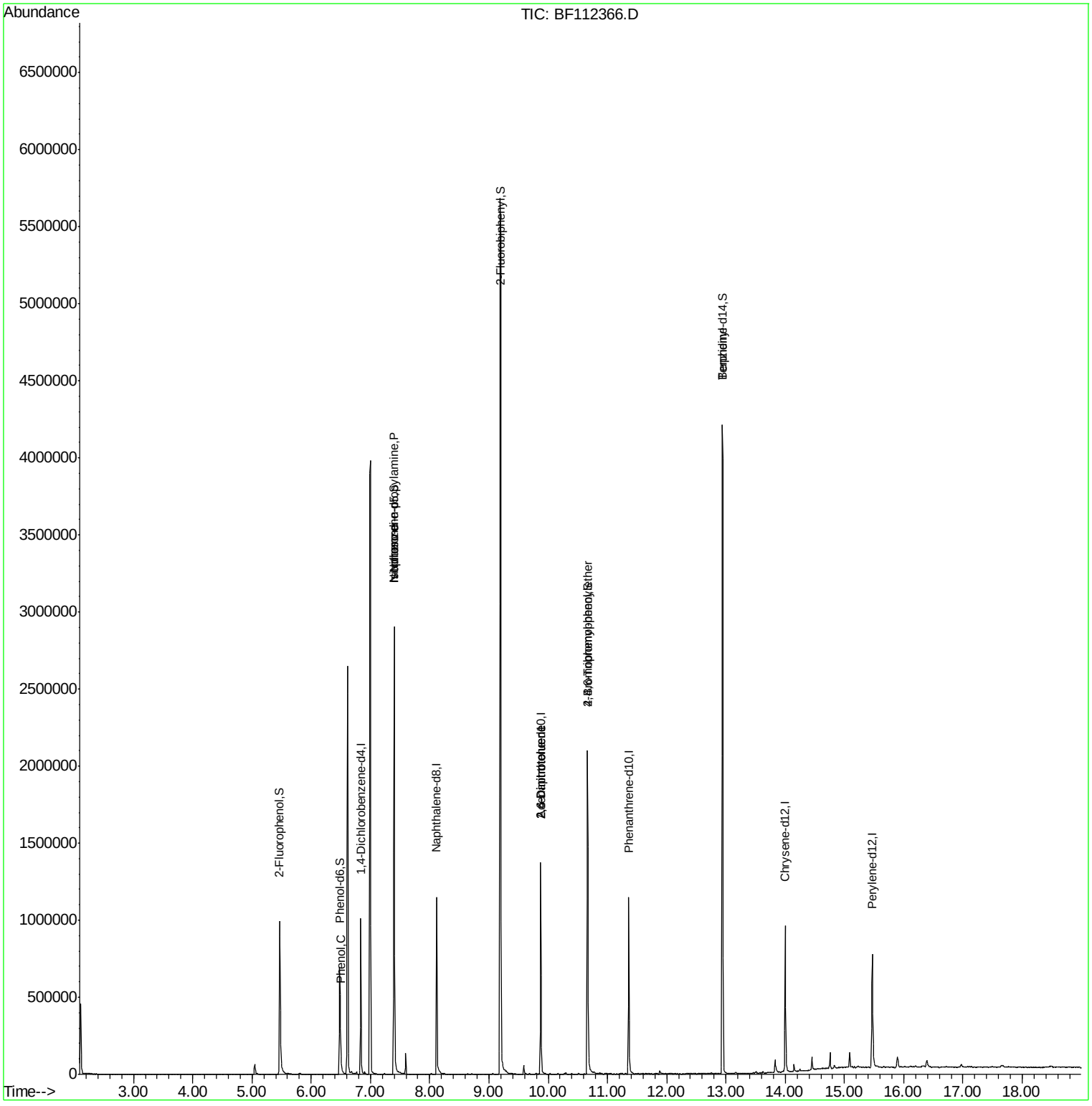
(#) = qualifier out of range (m) = manual integration (+) = signals summed

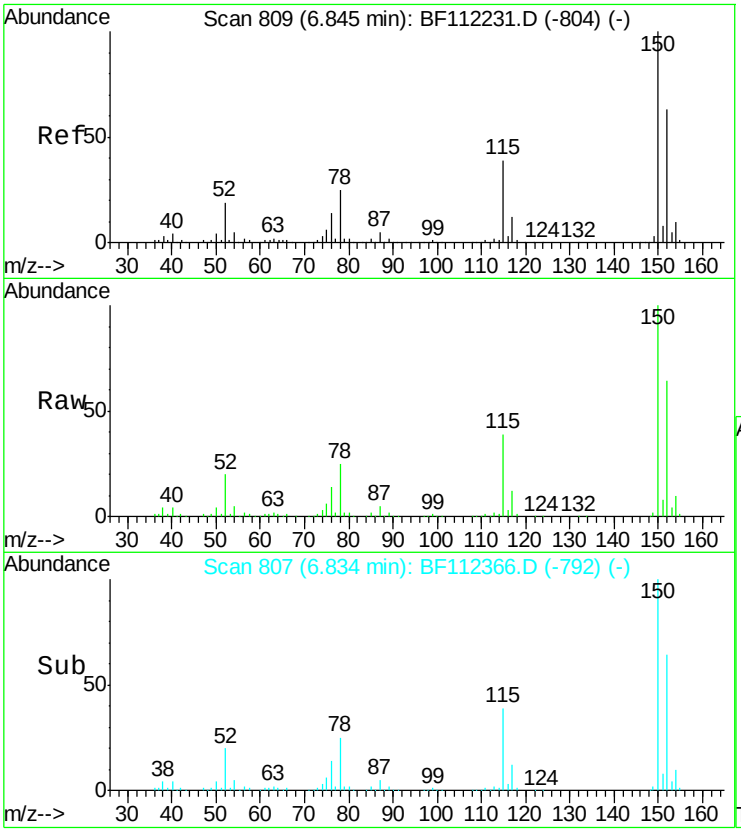
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112366.D
Acq On : 1 Feb 2019 21:59
Operator : JU/SJ
Sample : K1290-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Quant Time: Feb 01 23:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



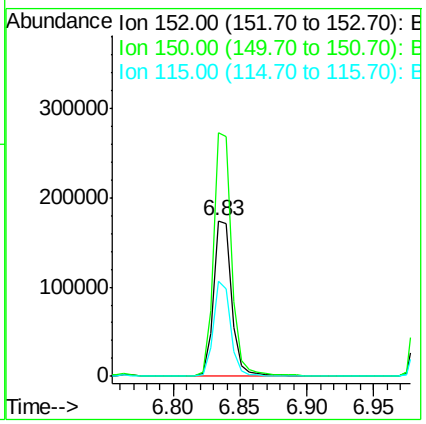


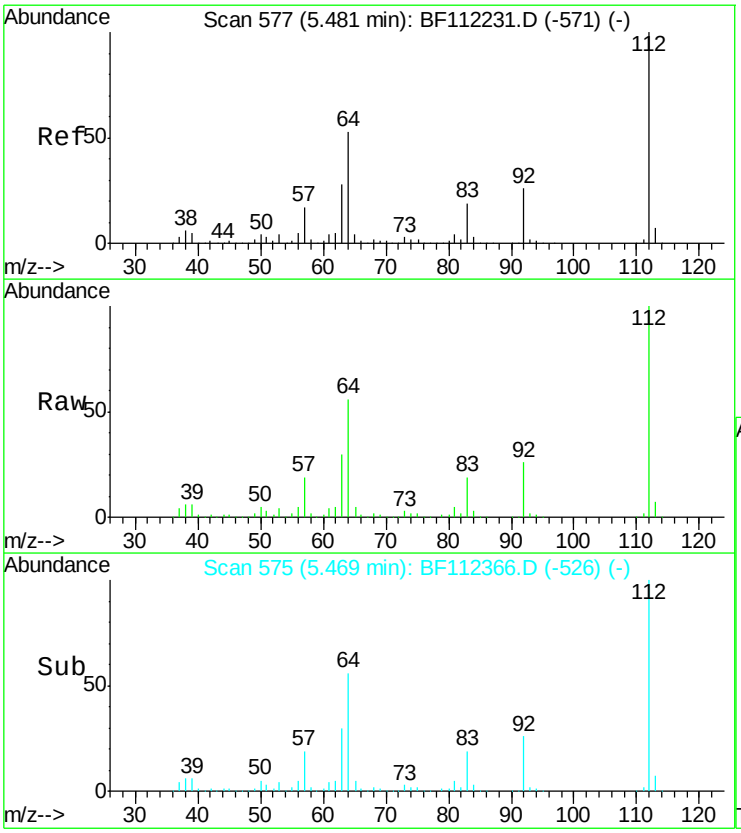
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:152 Resp: 169271

Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.4	191.0
115	61.1	45.5	68.3

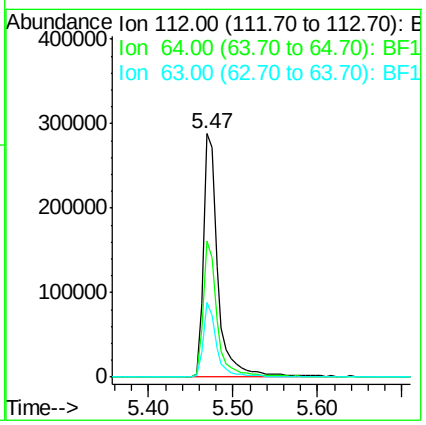


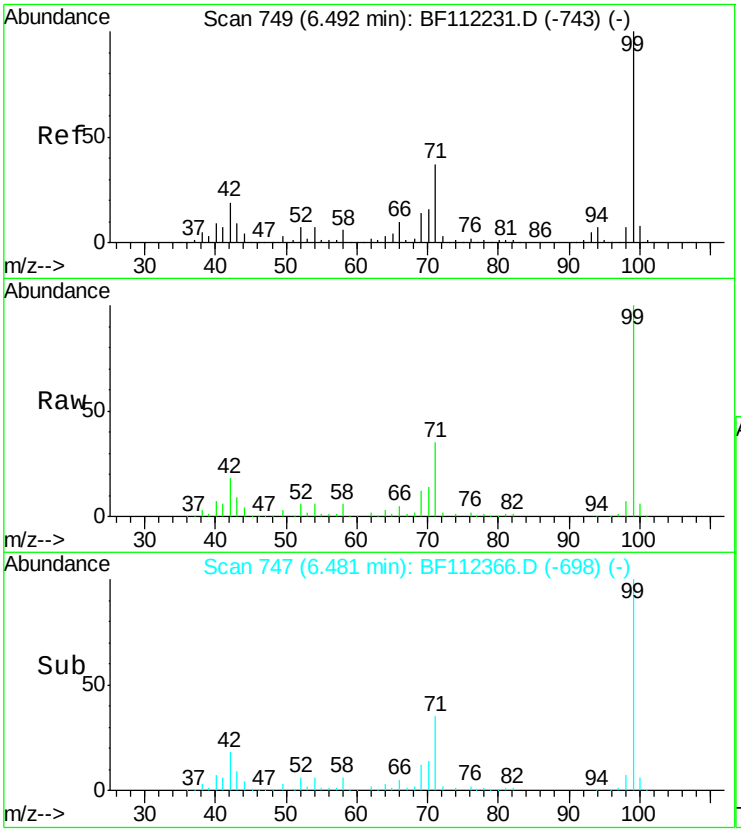


#5
2-Fluorophenol
Concen: 43.430 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:112 Resp: 346103

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.7	68.5
63	30.4	23.6	35.4



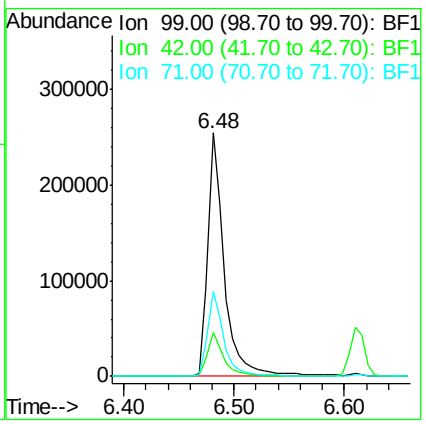


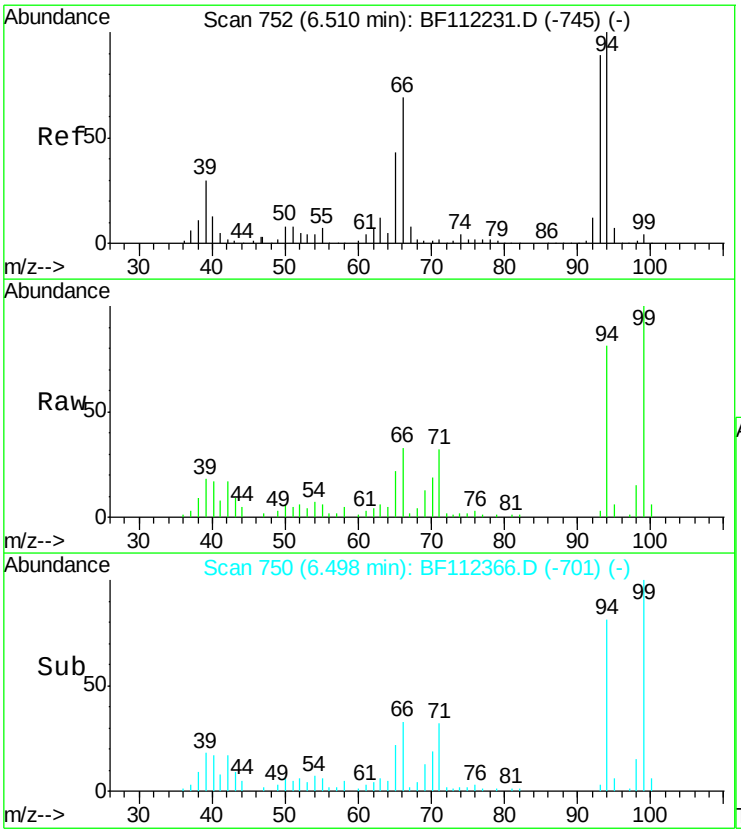
#7
Phenol-d6
Concen: 23.340 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion: 99 Resp: 258460

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.1	22.7
71	34.9	26.9	40.3

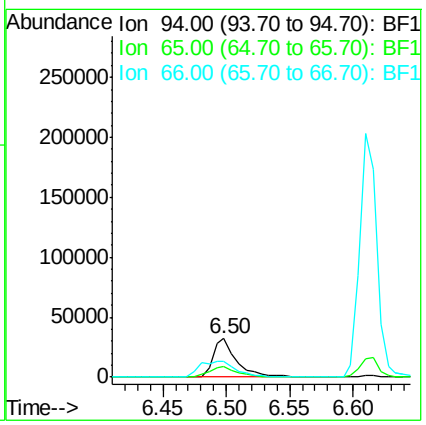


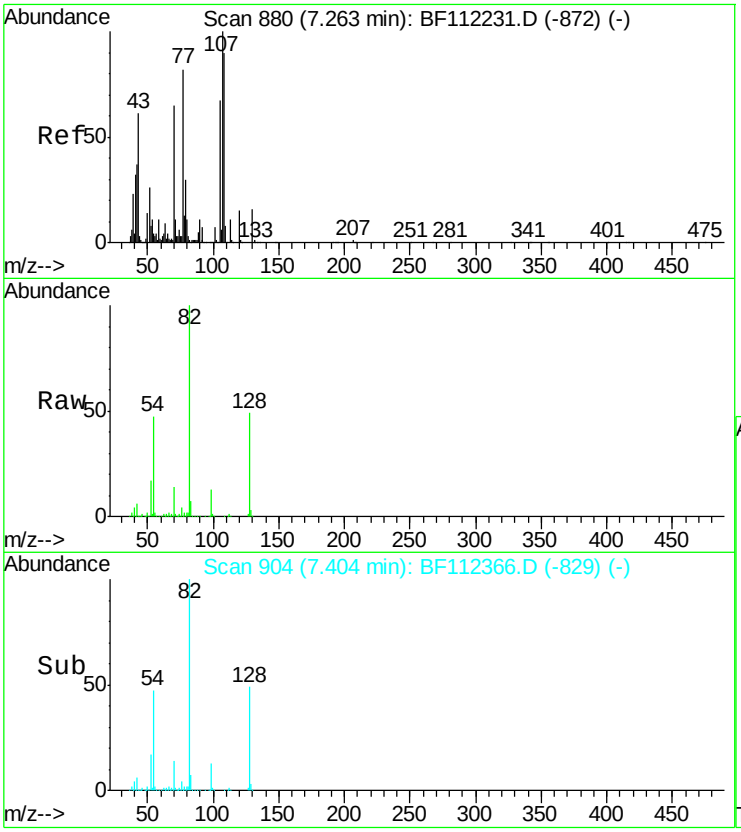


#10
Phenol
Concen: 3.471 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion: 94 Resp: 42166

Ion	Ratio	Lower	Upper
94	100		
65	27.4	20.3	60.3
66	40.2	42.4	82.4#



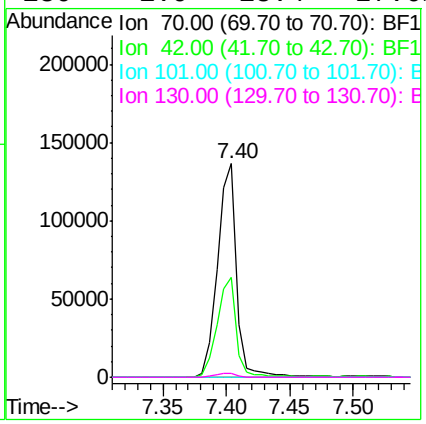


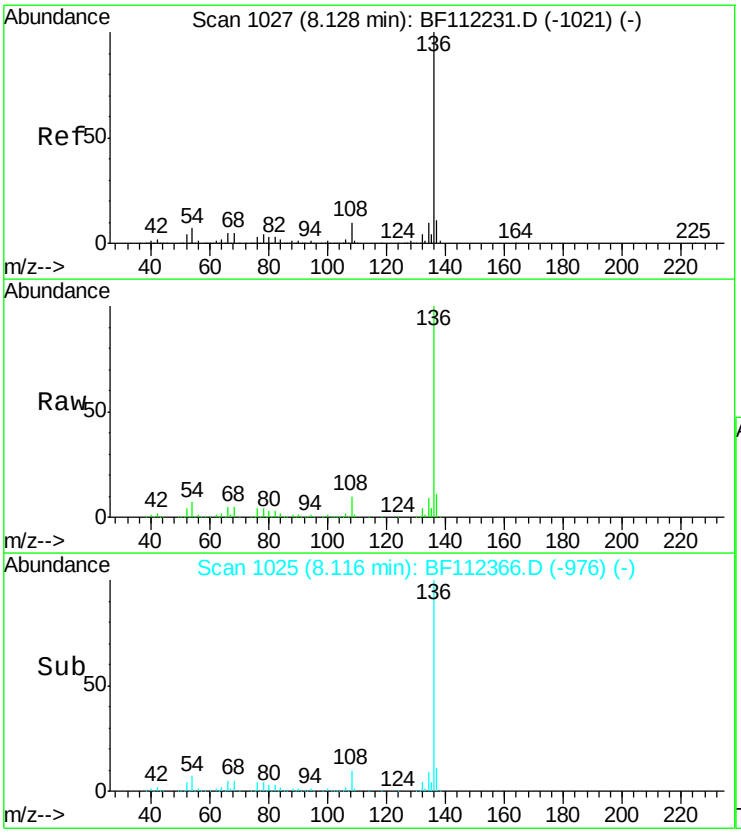
#19
n-Nitroso-di-n-propylamine
Concen: 18.876 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion: 70 Resp: 144130

Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.6	71.4#
101	0.0	7.9	11.9#
130	1.9	18.4	27.6#

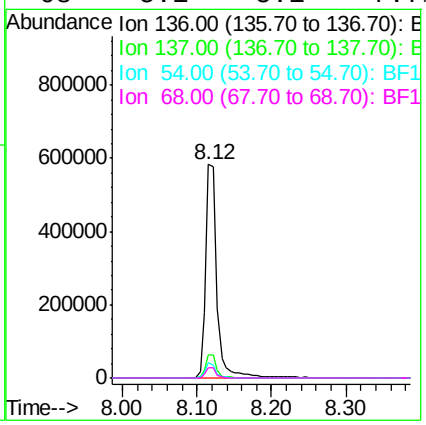


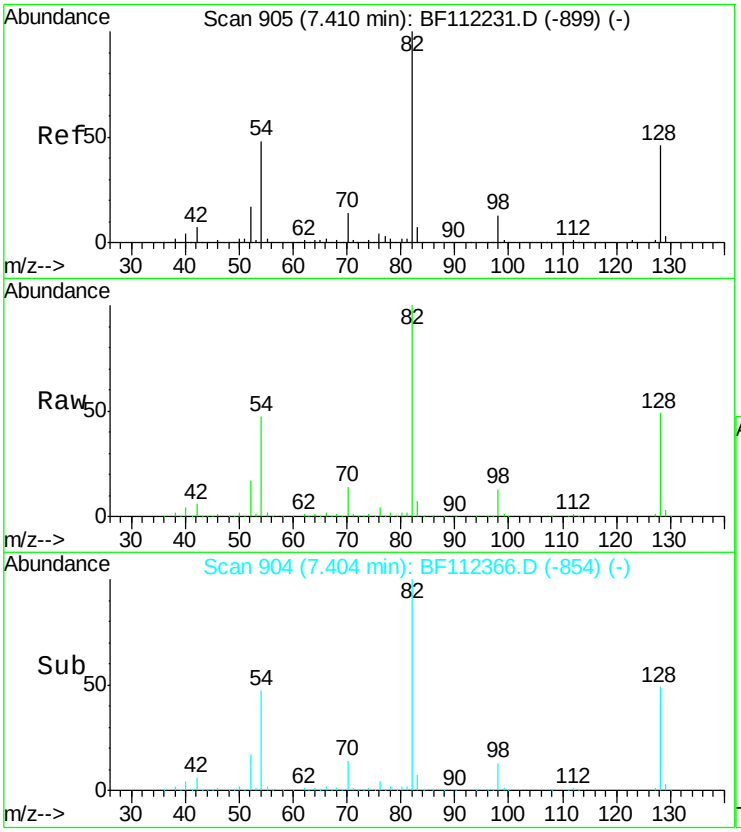


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:136 Resp: 620849

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	5.9	8.9
68	5.1	5.1	7.7#



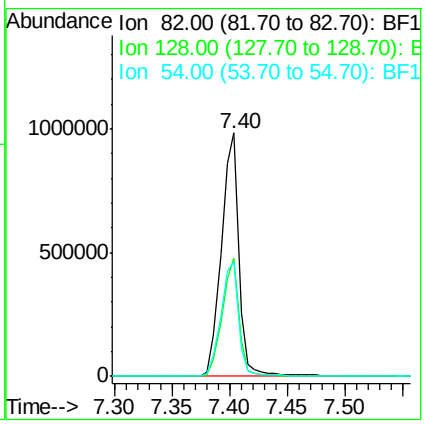


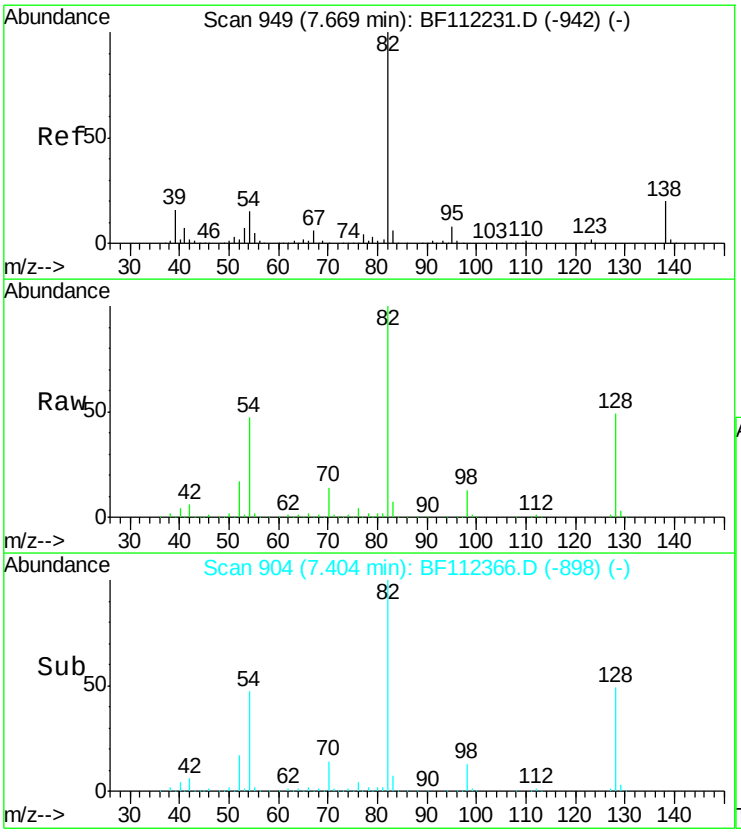
#23
Nitrobenzene-d5
Concen: 96.704 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion: 82 Resp: 1041983

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.8	56.8
54	47.1	39.7	59.5

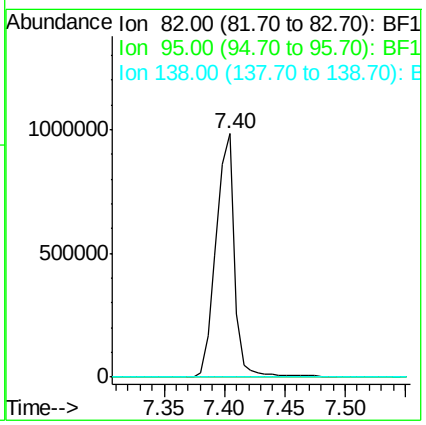


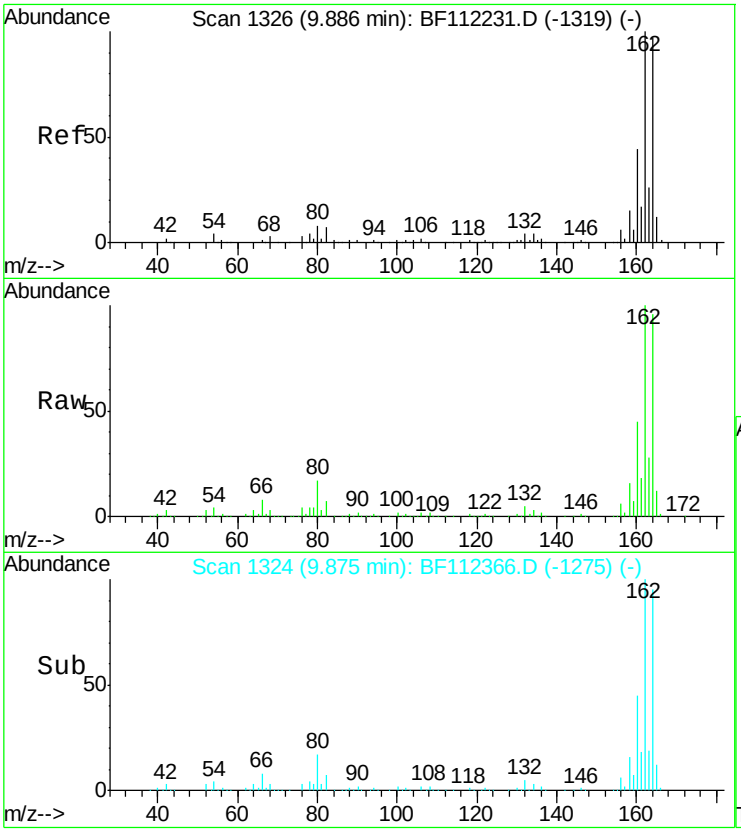


#25
Isophorone
Concen: 61.642 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion: 82 Resp: 1041976

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#



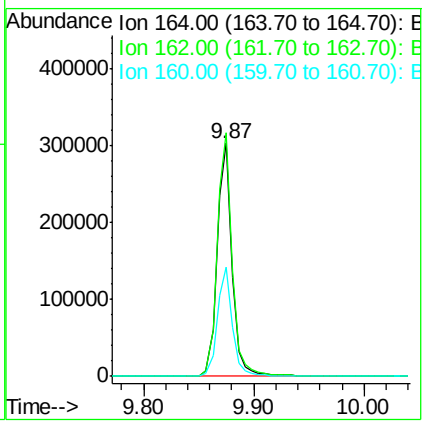


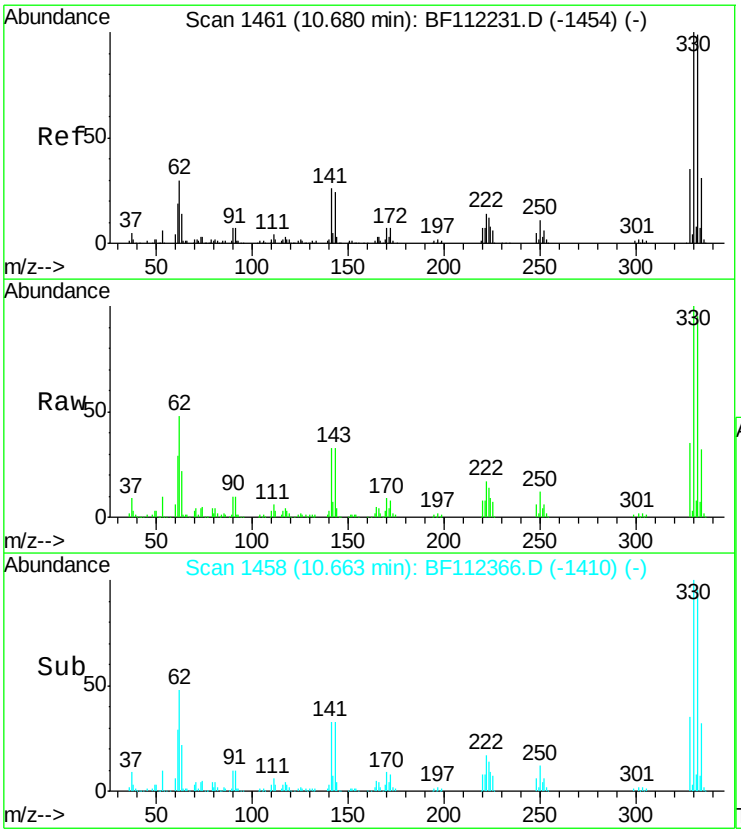
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:164 Resp: 285858

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	46.7	36.2	54.4

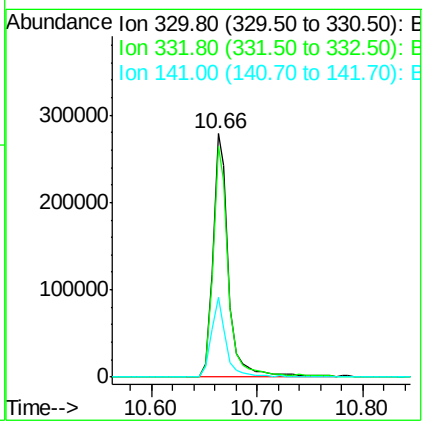


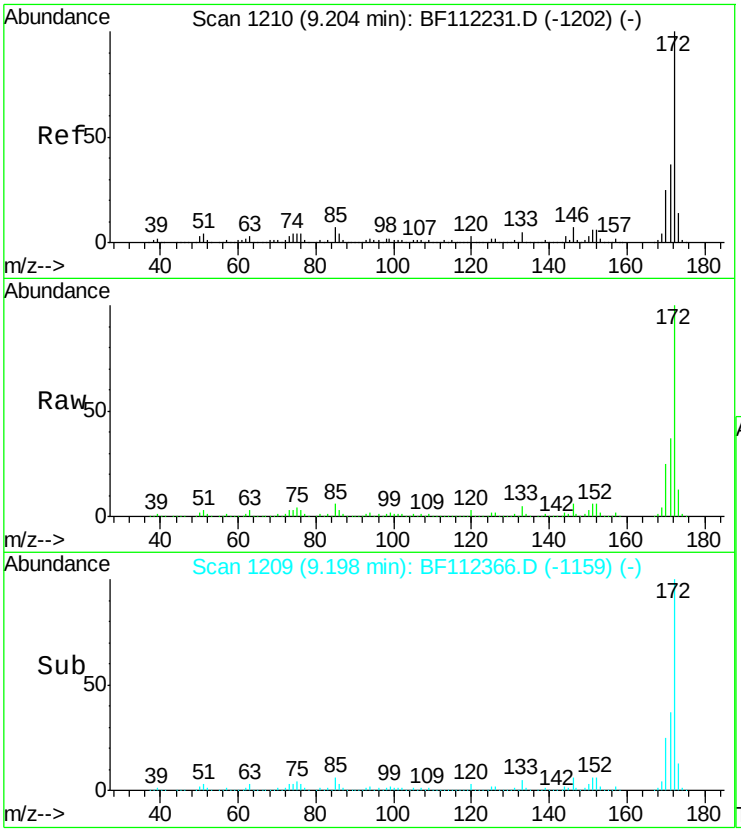


#42
2,4,6-Tribromophenol
Concen: 88.082 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:330 Resp: 293076

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	31.7	24.3	36.5



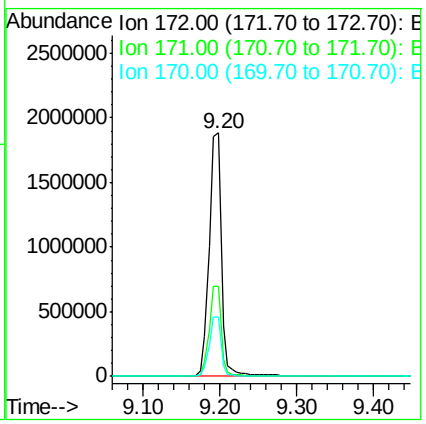


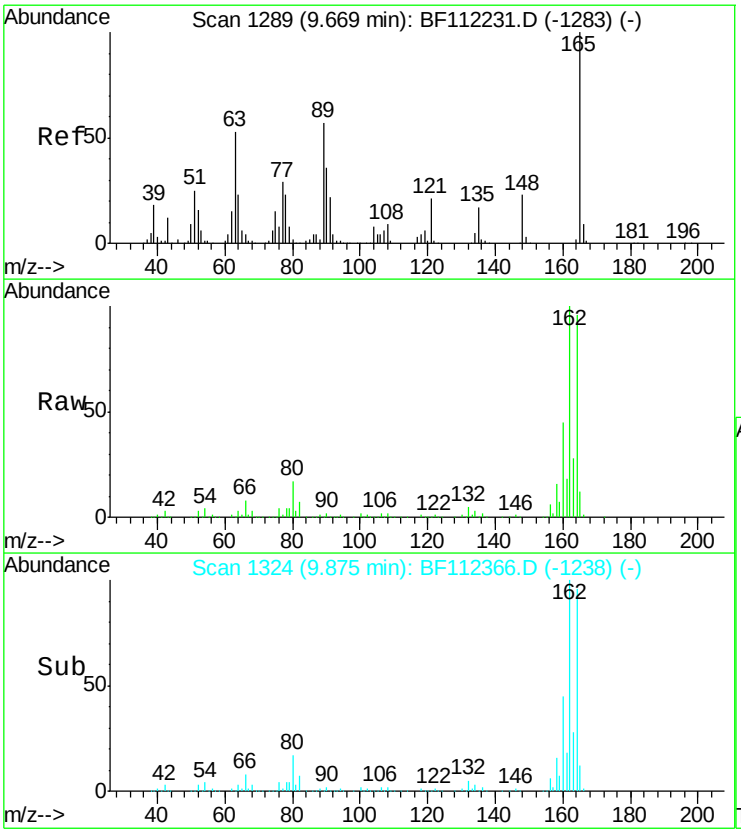
#45
2-Fluorobiphenyl
Concen: 101.972 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:172 Resp: 2061011

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.5	20.2	30.4

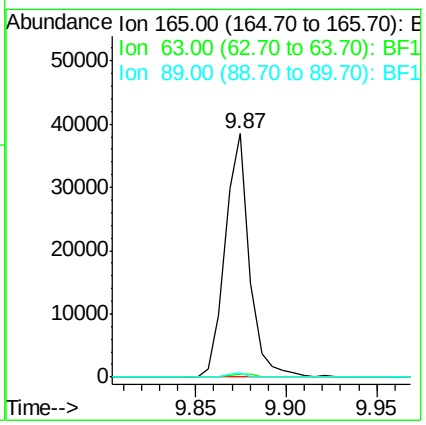


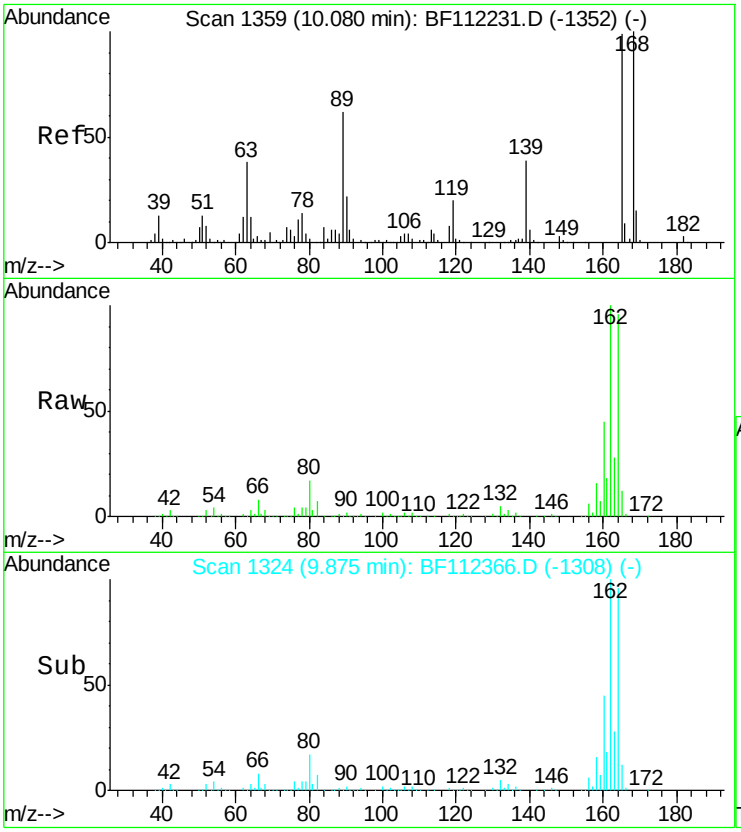


#51
2,6-Dinitrotoluene
Concen: 7.228 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:165 Resp: 35955

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	1.5	36.9	55.3#



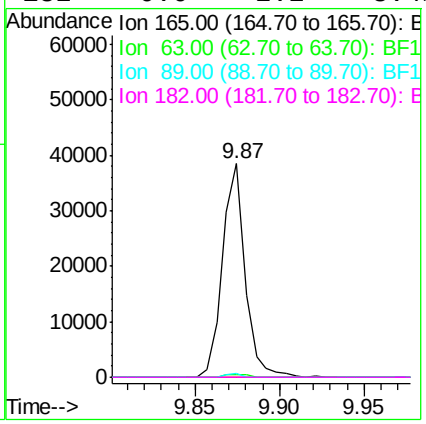


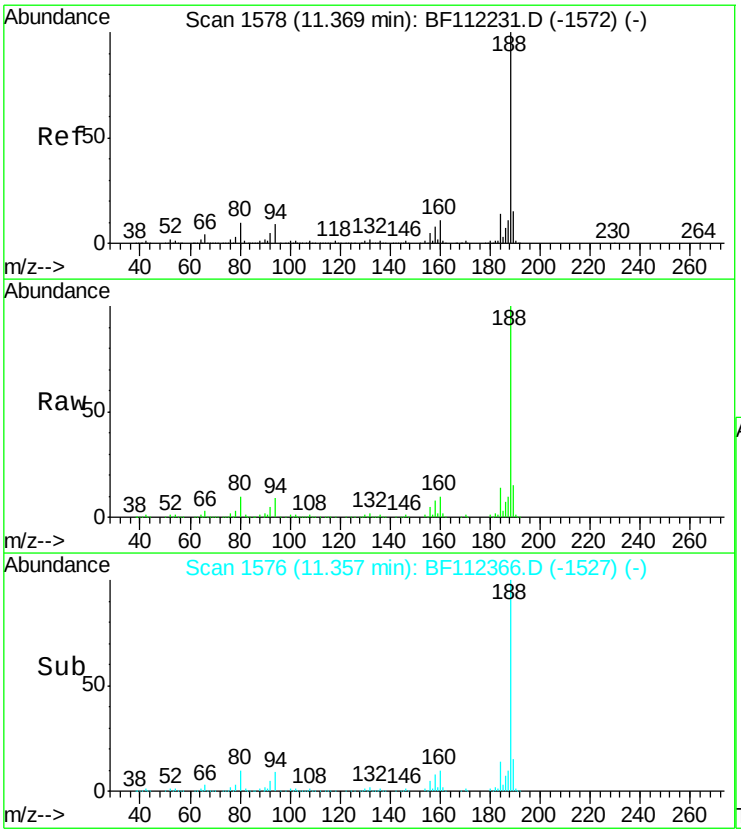
#57
2,4-Dinitrotoluene
Concen: 5.678 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:165 Resp: 35956

Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#

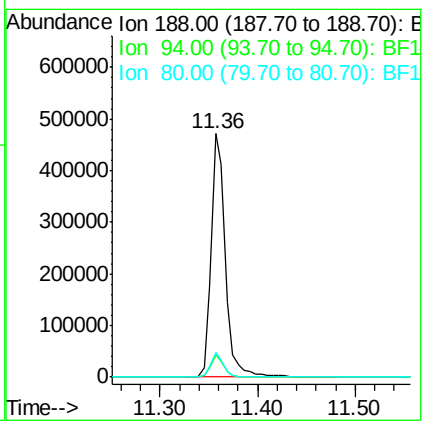


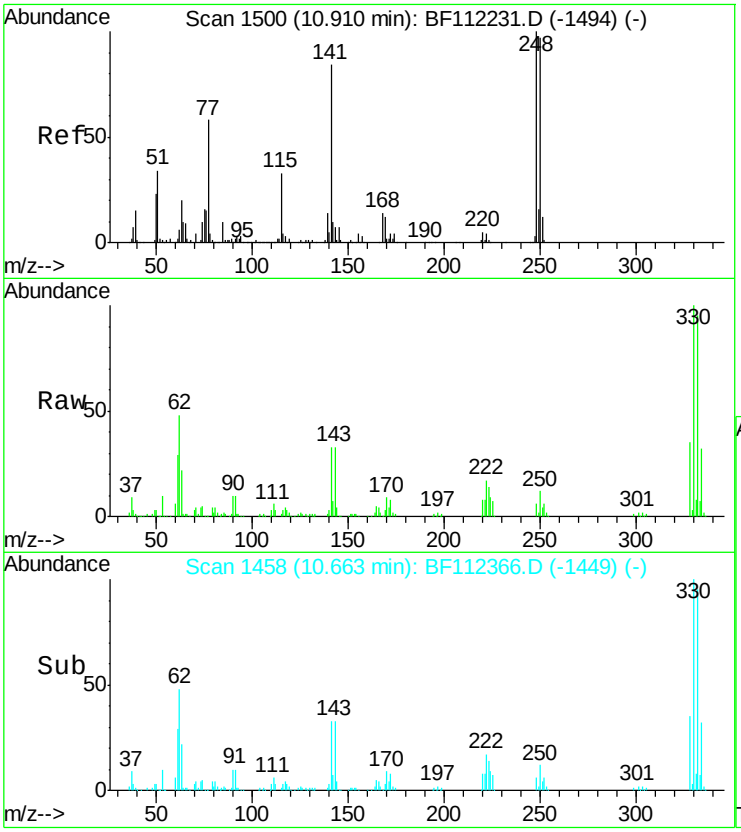


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:188 Resp: 474620

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.9	8.9	13.3



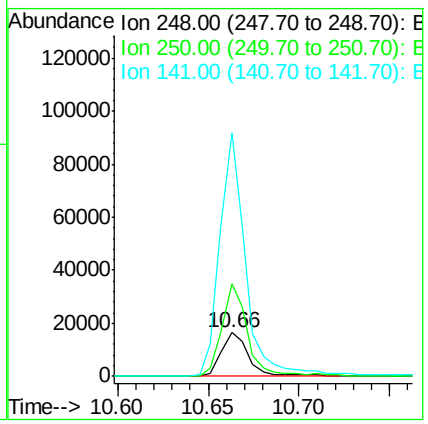


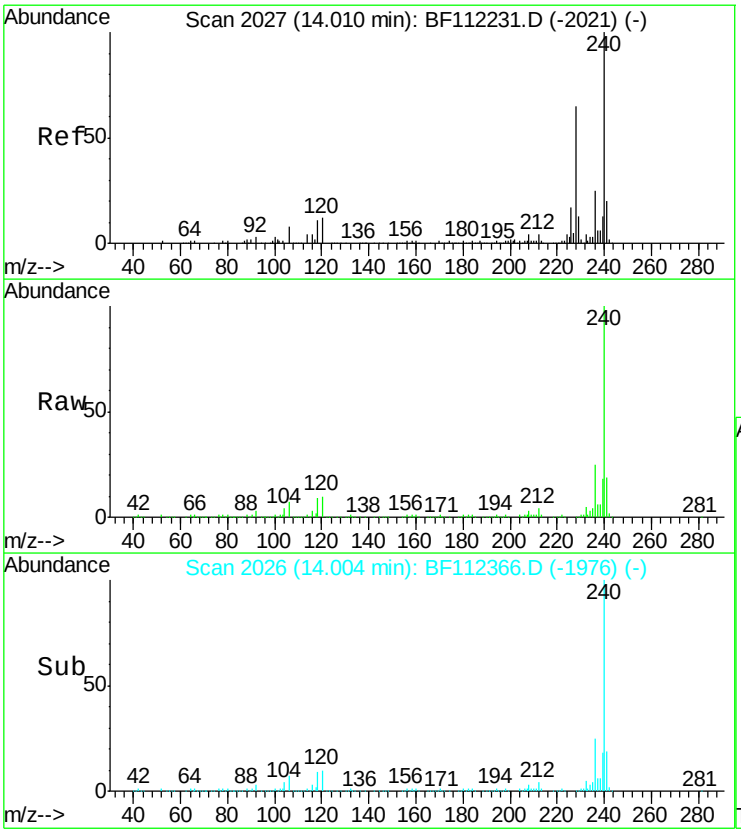
#67
4-Bromophenyl-phenylether
Concen: 3.072 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:248 Resp: 17150

Ion	Ratio	Lower	Upper
248	100		
250	212.5	79.7	119.5#
141	560.5	60.3	90.5#

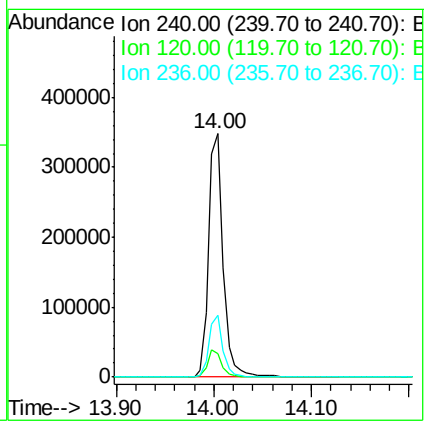


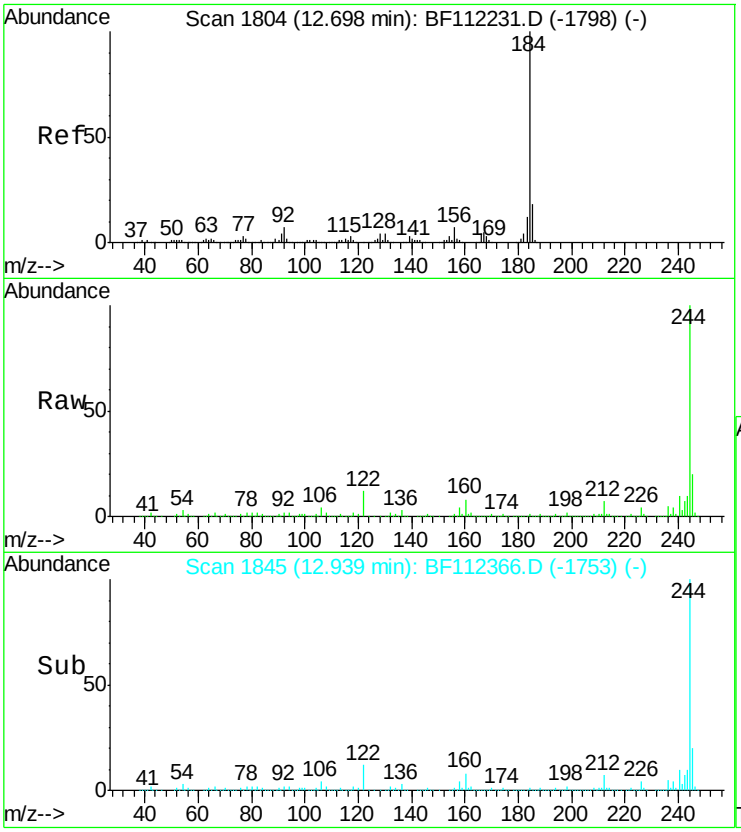


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:240 Resp: 361325

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.6
236	25.4	20.7	31.1



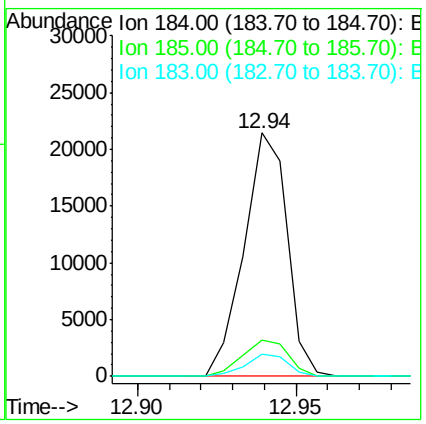


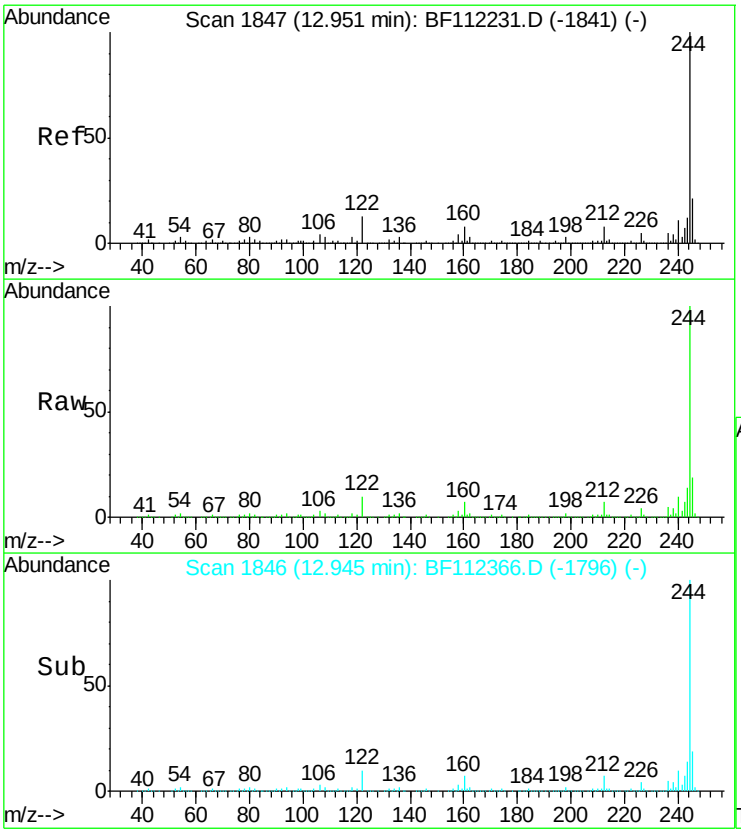
#77
Benzidine
Concen: 2.037 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:184 Resp: 20257

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.9	20.9
183	9.2	10.0	15.0#

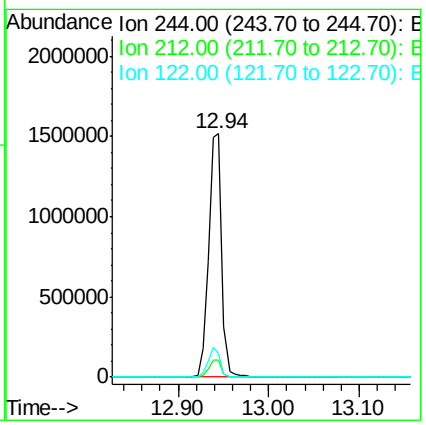


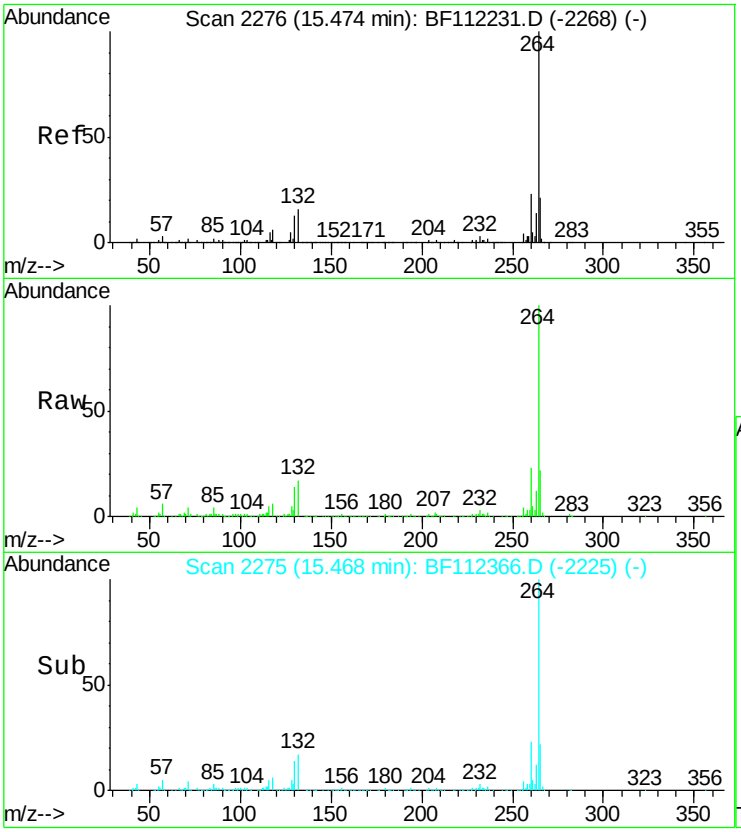


#79
Terphenyl-d14
Concen: 79.944 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:244 Resp: 1533667

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.5	9.8	14.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:264 Resp: 347064

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.9	17.0	25.4