Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112103.D
Acq On : 17 Jan 2019 22:24
Operator : JU/SJ
Sample : K1164-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 011519-BLST-E-U-B

Quant Time: Jan 18 00:11:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	301945	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1069591	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	468211	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	746746	20.00	ng	0.00
76) Chrysene-d12	14.03	240	663892	20.00	ng	0.00
87) Perylene-d12	15.50	264	520110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	665721	40.02	ng	0.00
7) Phenol-d6	6.50	99	531405	25.53	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1586562	102.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	379508	75.14	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2814075	88.12	ng	0.00
79) Terphenyl-d14	12.97	244	2257578	72.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1011	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	214279	16.899	ng	# 78
25) Isophorone	7.42	82	1586554	53.057	ng	# 64
50) Dimethylphthalate	9.60	163	113243	3.316	ng	97
51) 2,6-Dinitrotoluene	9.90	165	59949	8.791	ng	# 34
57) 2,4-Dinitrotoluene	9.90	165	59949	10.777	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.69	198	712	10.250	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	21094	2.432	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
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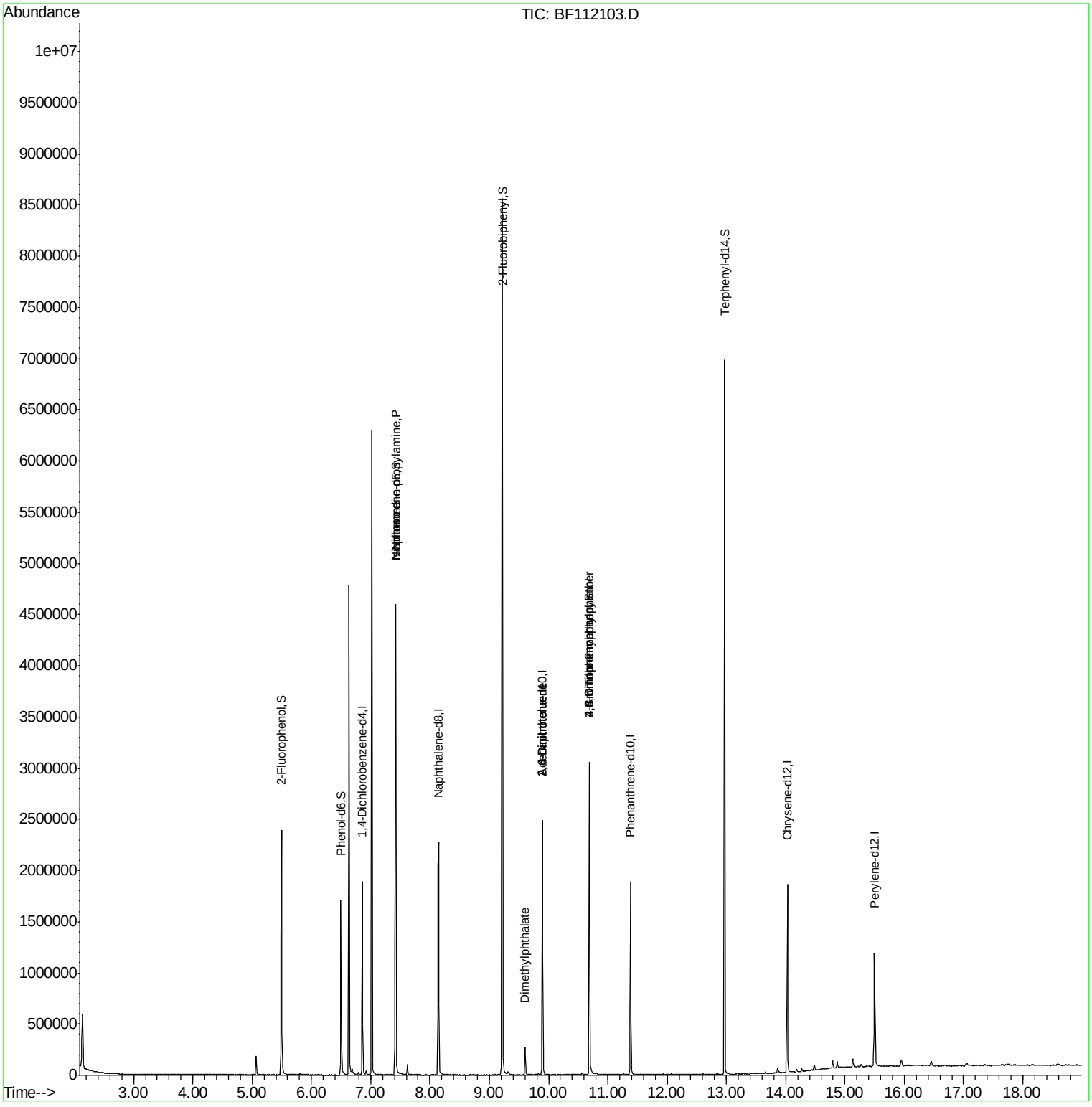
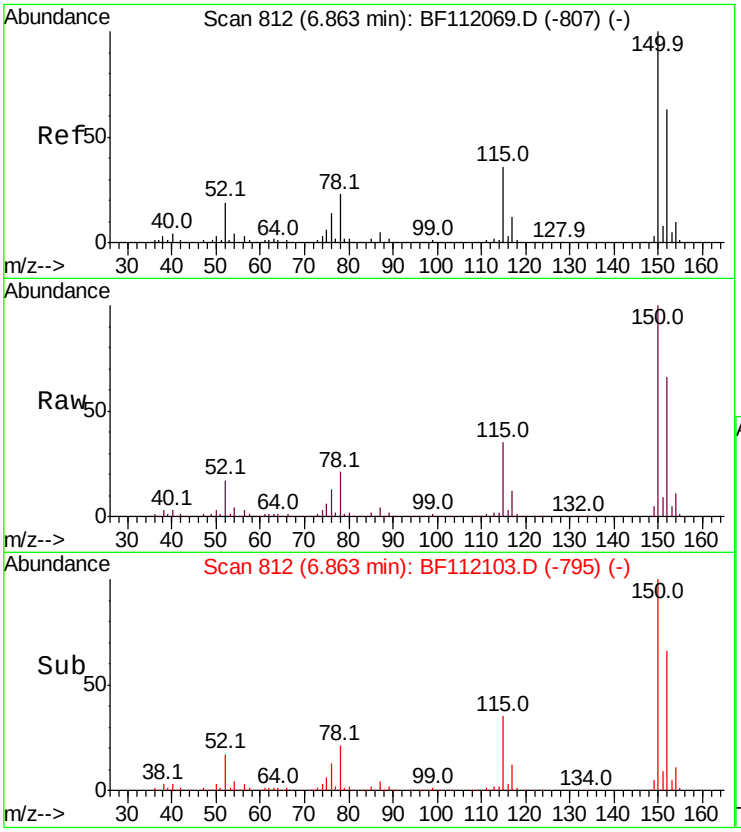
Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Quant Time: Jan 18 00:11:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration



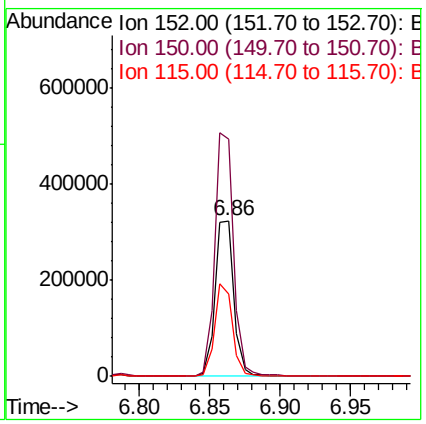


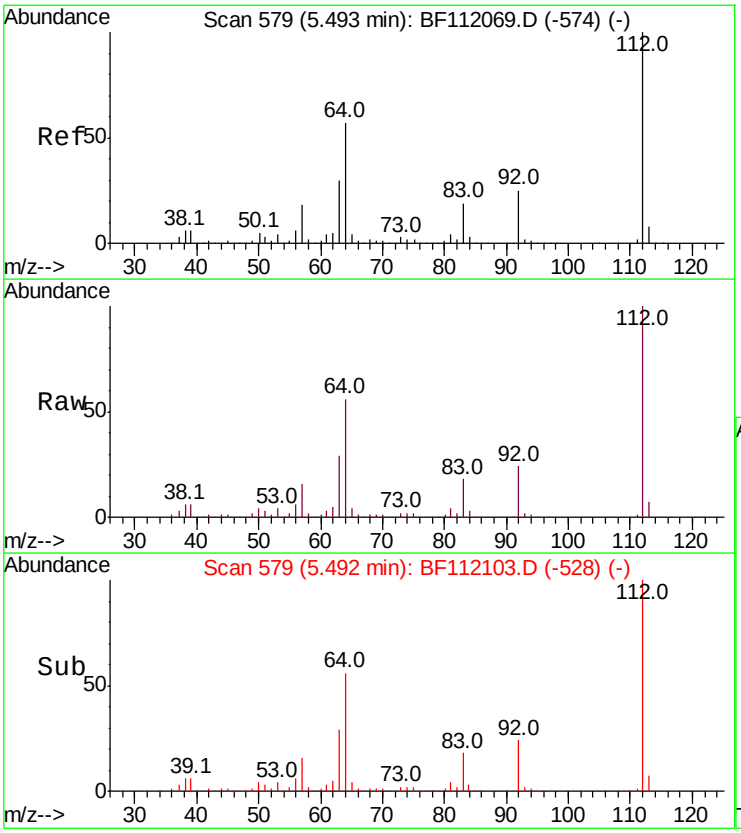
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion:152 Resp: 301945

Ion	Ratio	Lower	Upper
152	100		
150	152.2	127.4	191.0
115	52.6	45.5	68.3

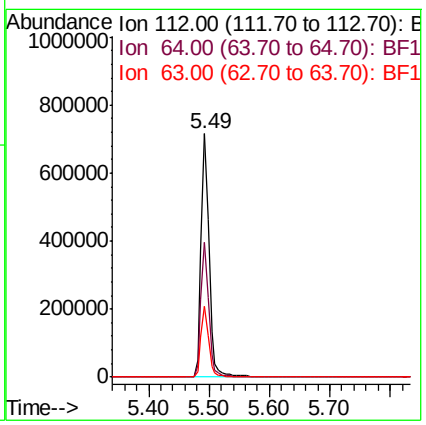


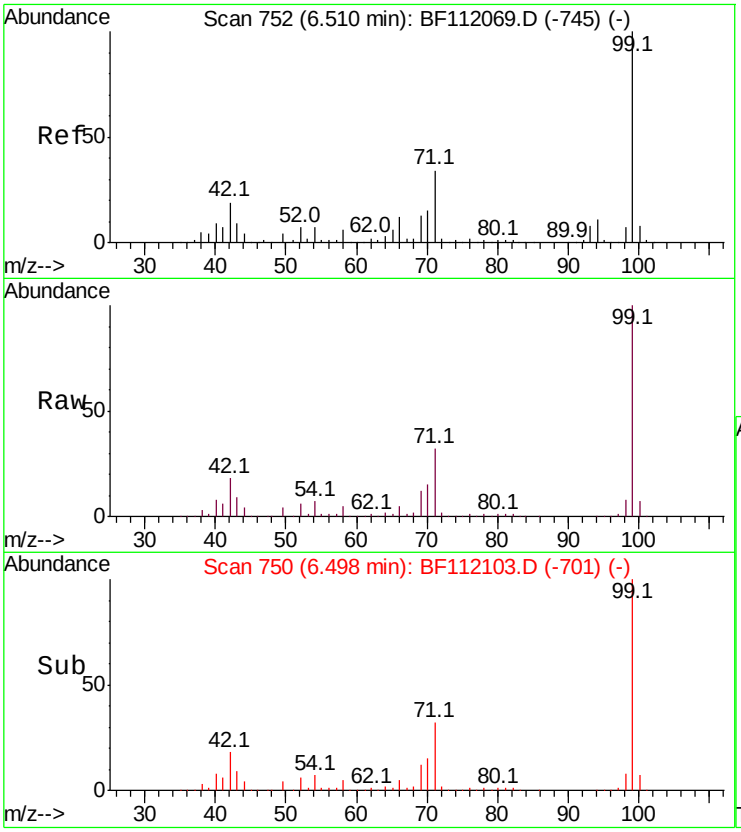


#5
2-Fluorophenol
Concen: 40.018 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:112 Resp: 665721

Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.7	68.5
63	29.1	23.6	35.4



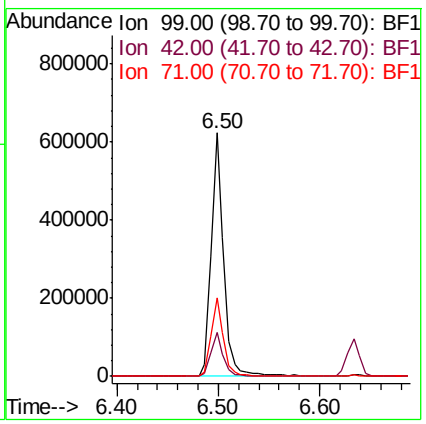


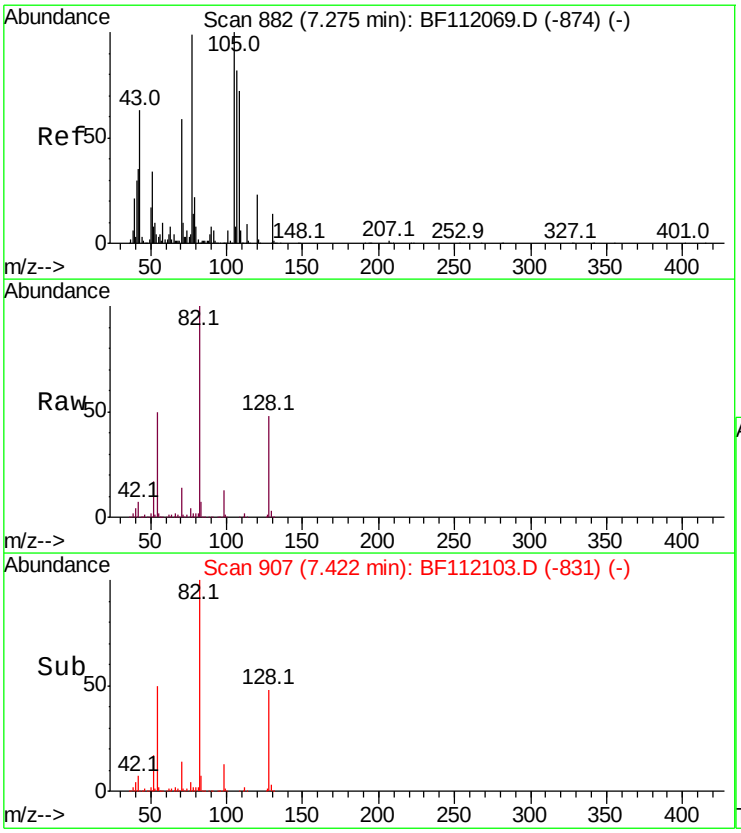
#7
Phenol-d6
Concen: 25.531 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion: 99 Resp: 531405

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.1	22.7
71	32.1	26.9	40.3

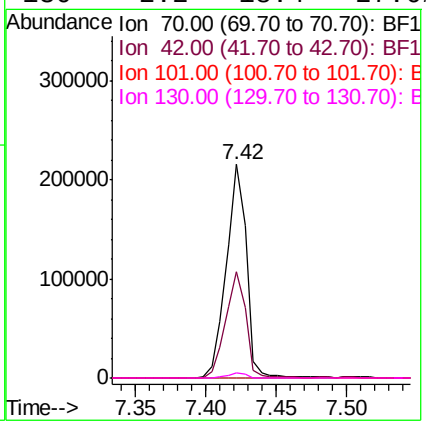


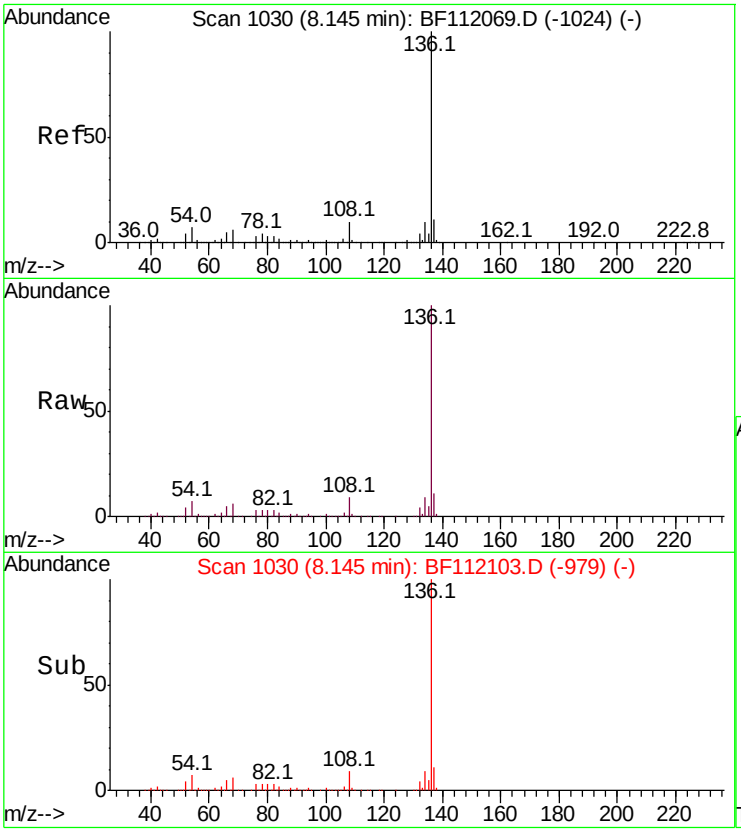


#19
n-Nitroso-di-n-propylamine
Concen: 16.899 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion: 70 Resp: 214279

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



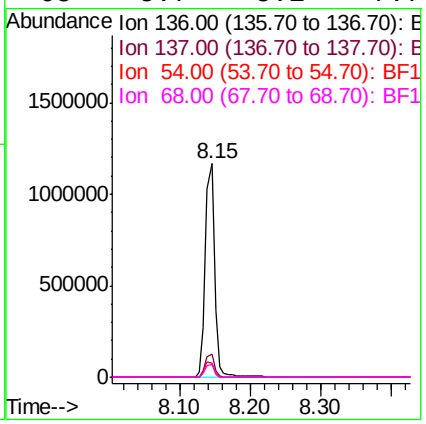


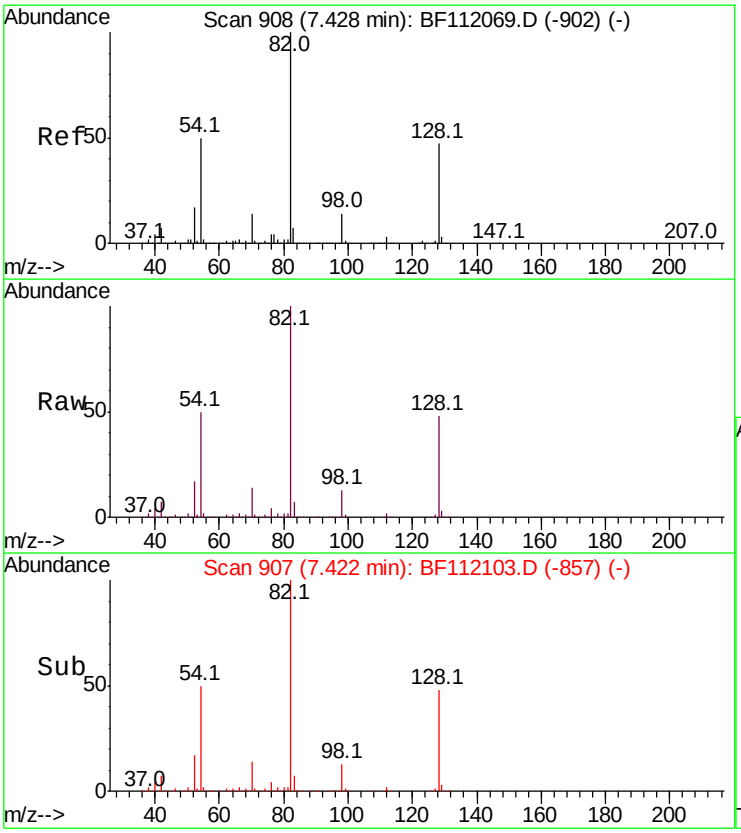
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion:136 Resp: 1069591

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.7	5.9	8.9
68	5.7	5.1	7.7

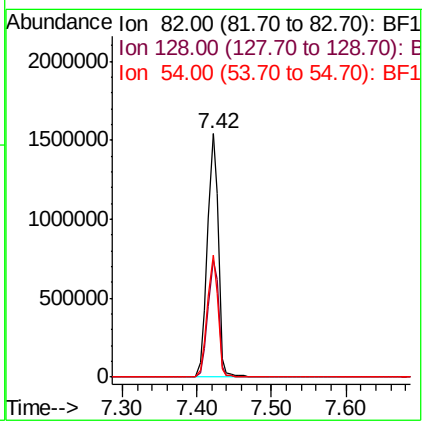


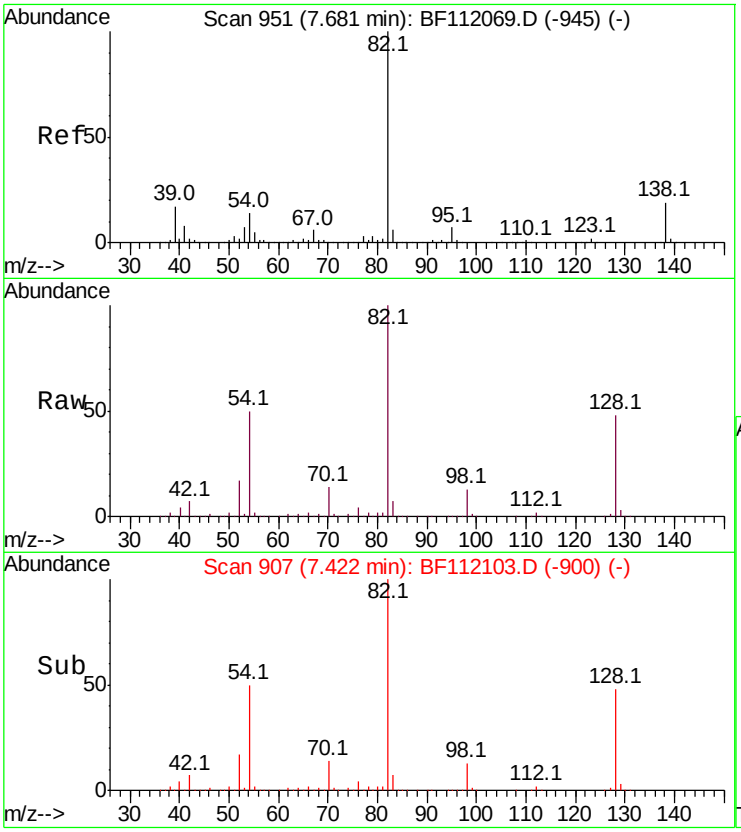


#23
Nitrobenzene-d5
Concen: 102.482 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion: 82 Resp: 1586562

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	50.0	39.7	59.5



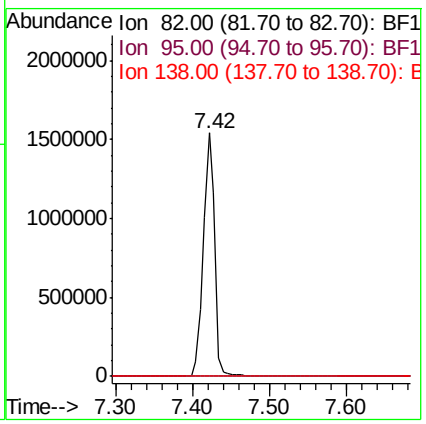


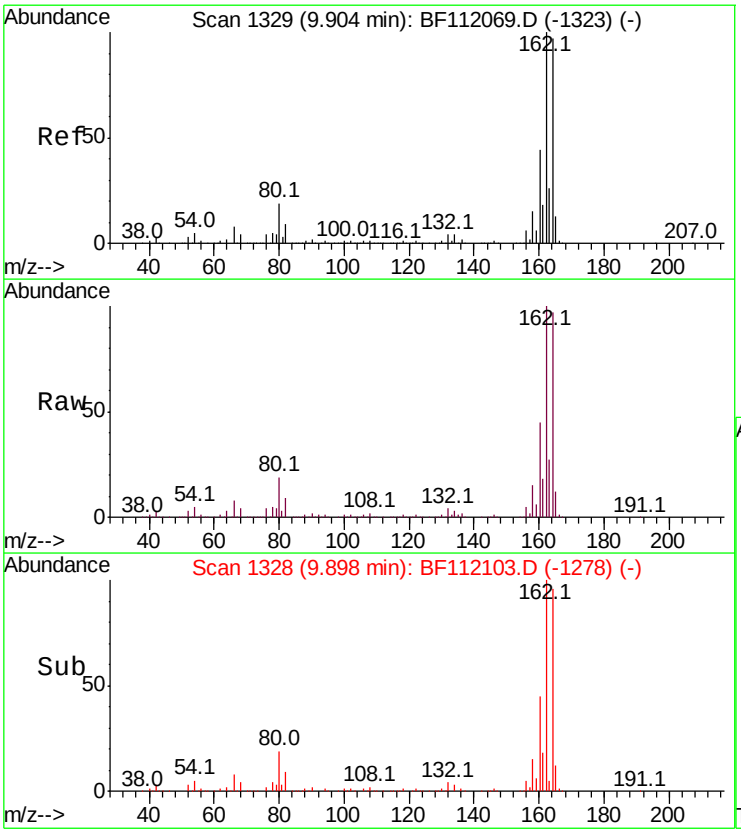
#25
Isophorone
Concen: 53.057 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion: 82 Resp: 1586554

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

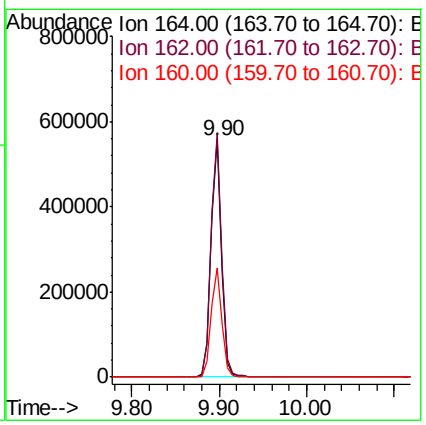


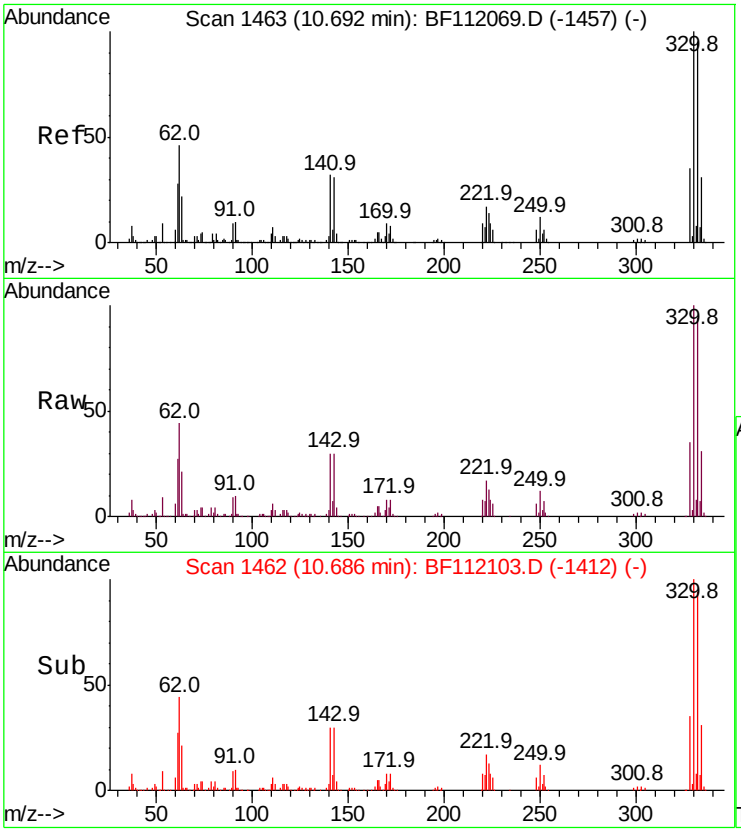


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:164 Resp: 468211

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.4
160	46.3	36.2	54.4



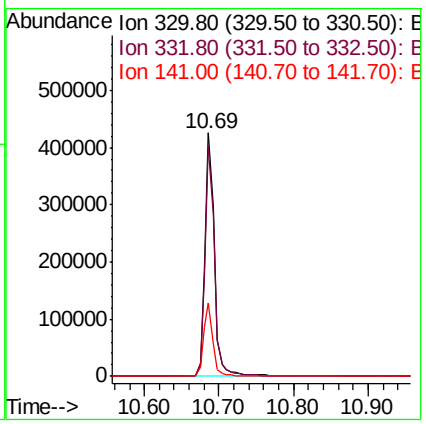


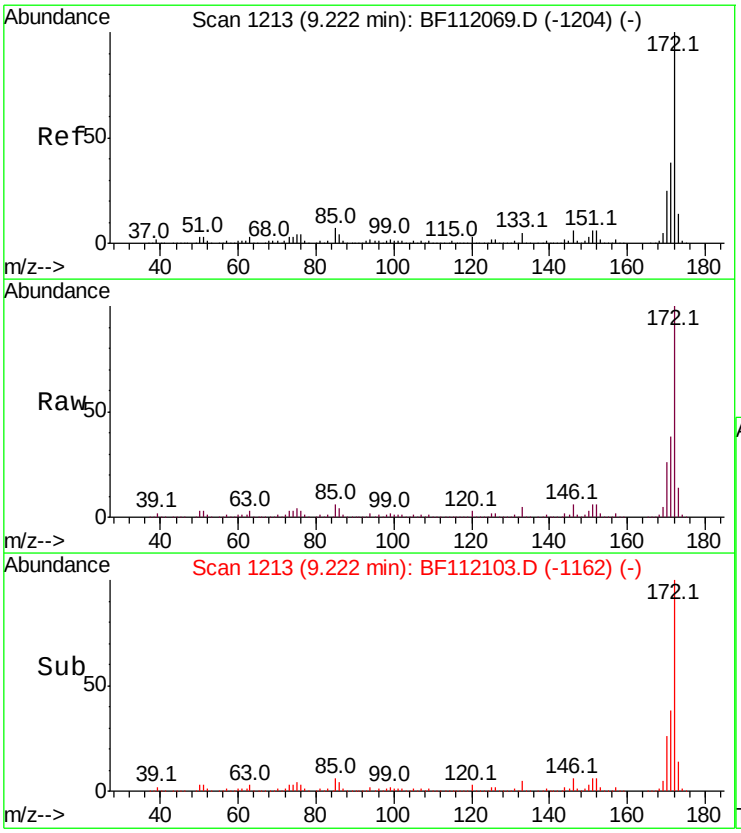
#42
2,4,6-Tribromophenol
Concen: 75.136 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion:330 Resp: 379508

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	29.7	24.3	36.5

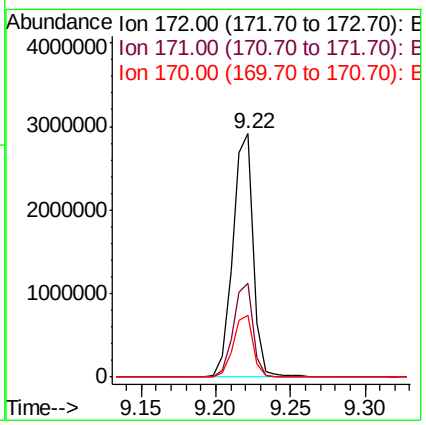


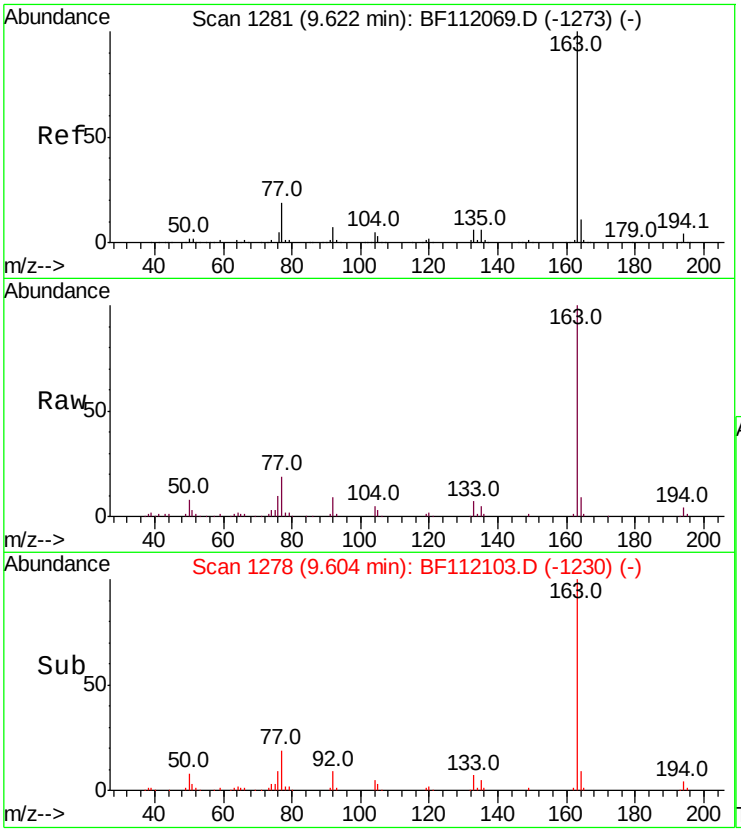


#45
2-Fluorobiphenyl
Concen: 88.117 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:172 Resp: 2814075

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.5	20.2	30.4



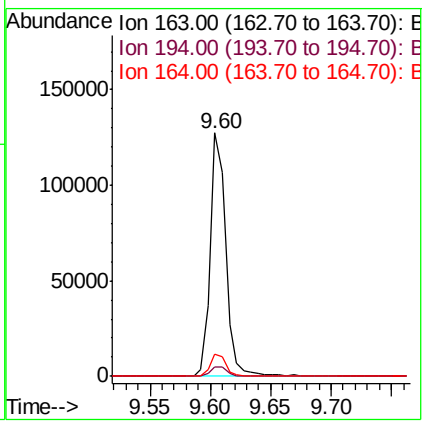


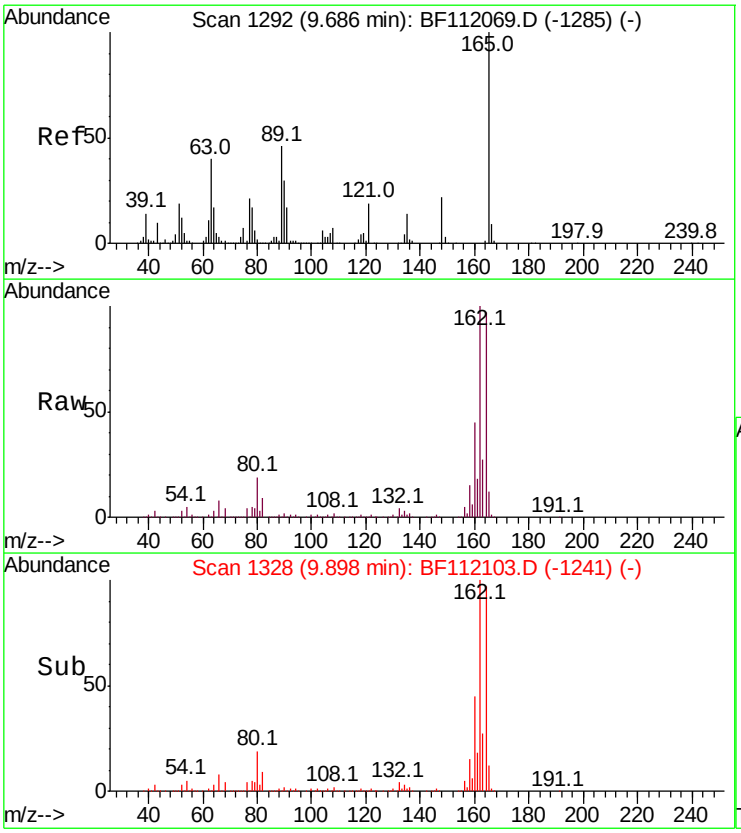
#50
Dimethylphthalate
Concen: 3.316 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion:163 Resp: 113243

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.2	8.5	12.7

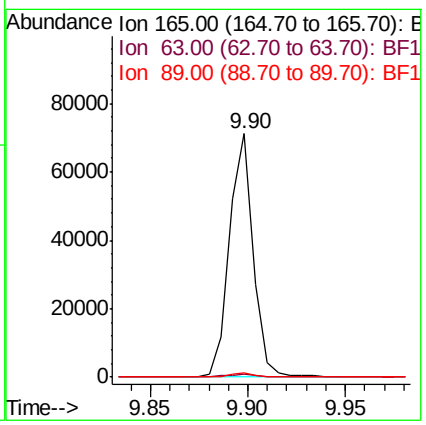


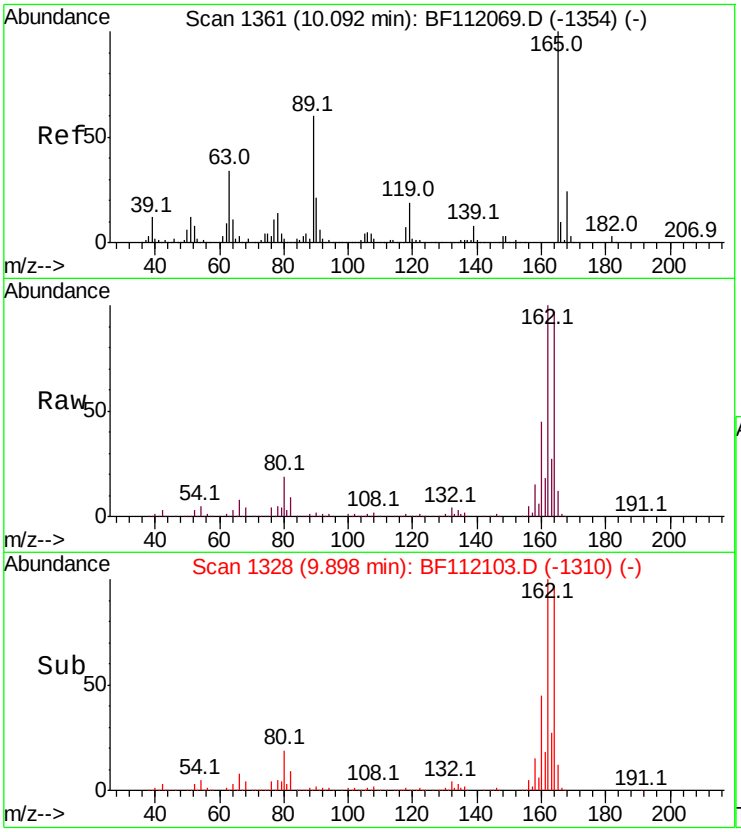


#51
2,6-Dinitrotoluene
Concen: 8.791 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:165 Resp: 59949

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.8	36.9	55.3#



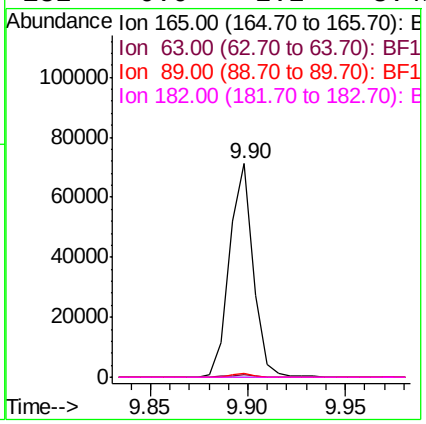


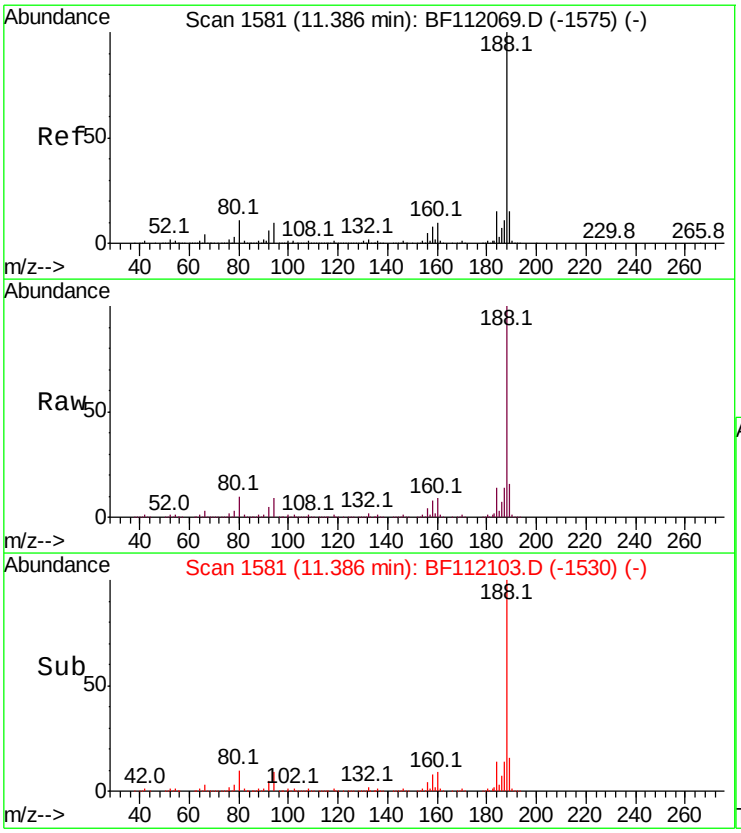
#57
2,4-Dinitrotoluene
Concen: 10.777 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion:165 Resp: 59949

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#

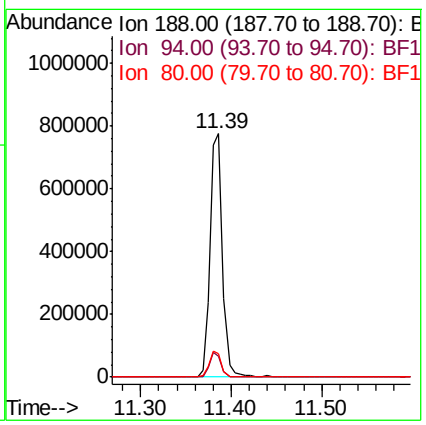


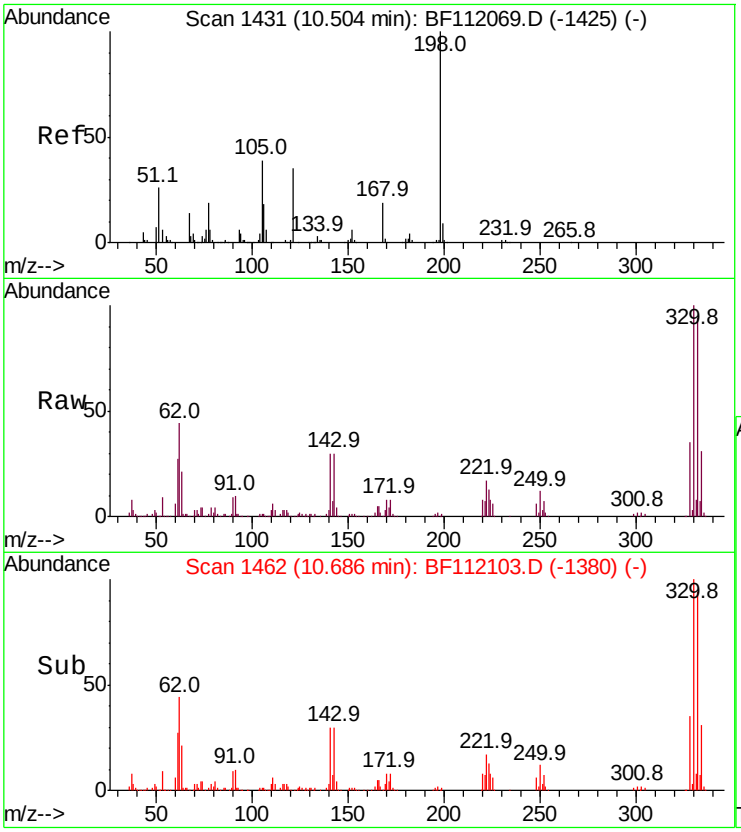


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:188 Resp: 746746

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.5	8.9	13.3



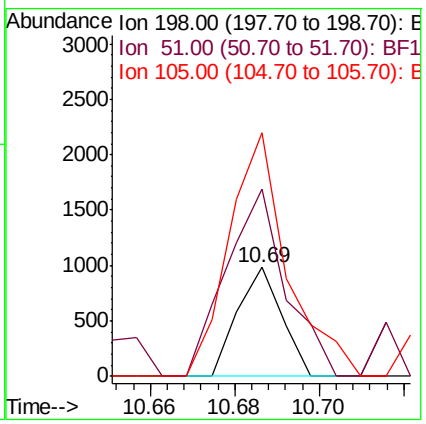


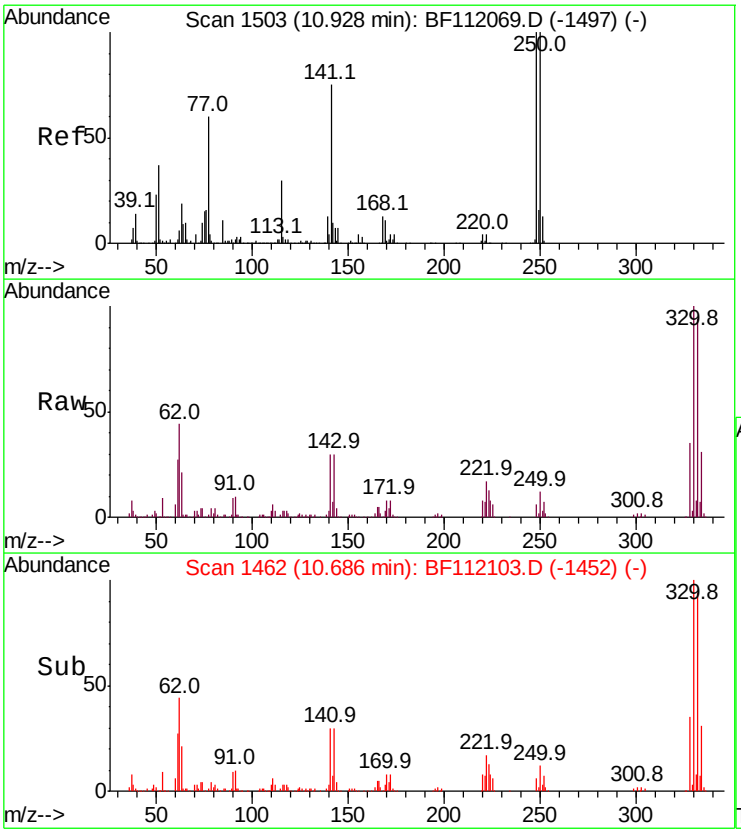
#65
4,6-Dinitro-2-methylphenol
Concen: 10.250 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion:198 Resp: 712

Ion	Ratio	Lower	Upper
198	100		
51	172.2	17.2	57.2#
105	223.3	21.9	61.9#

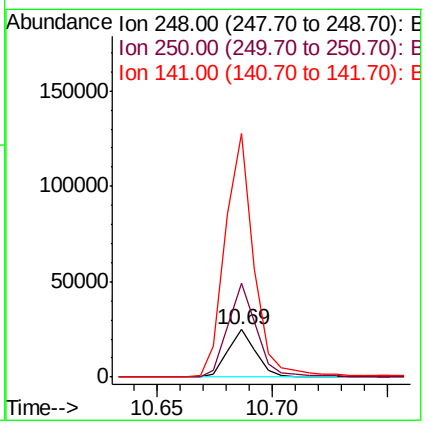


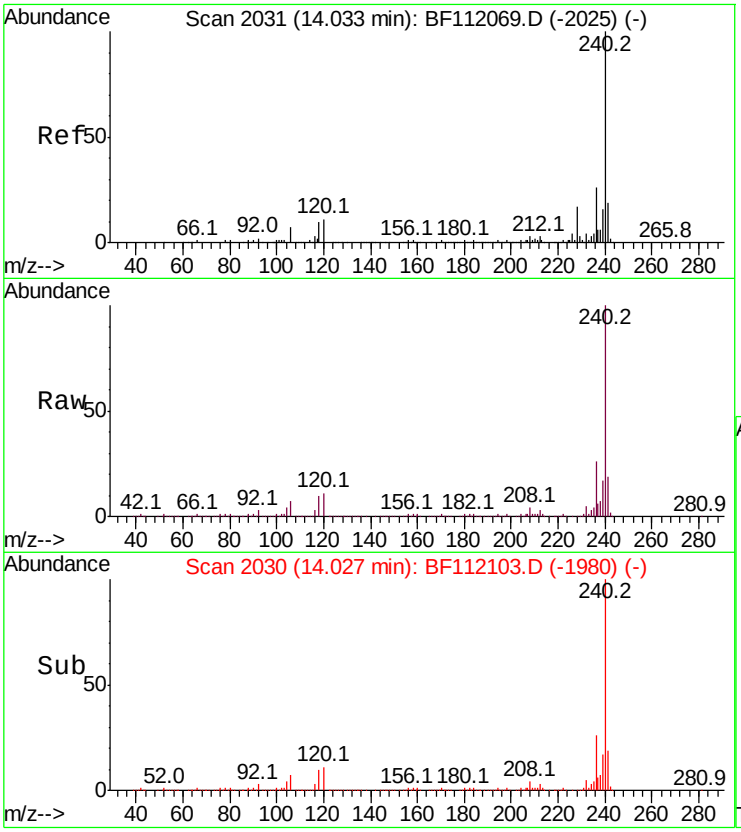


#67
4-Bromophenyl-phenylether
Concen: 2.432 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:248 Resp: 21094

Ion	Ratio	Lower	Upper
248	100		
250	199.2	79.7	119.5#
141	516.1	60.3	90.5#



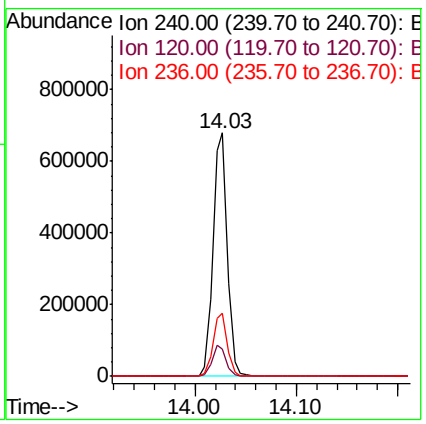


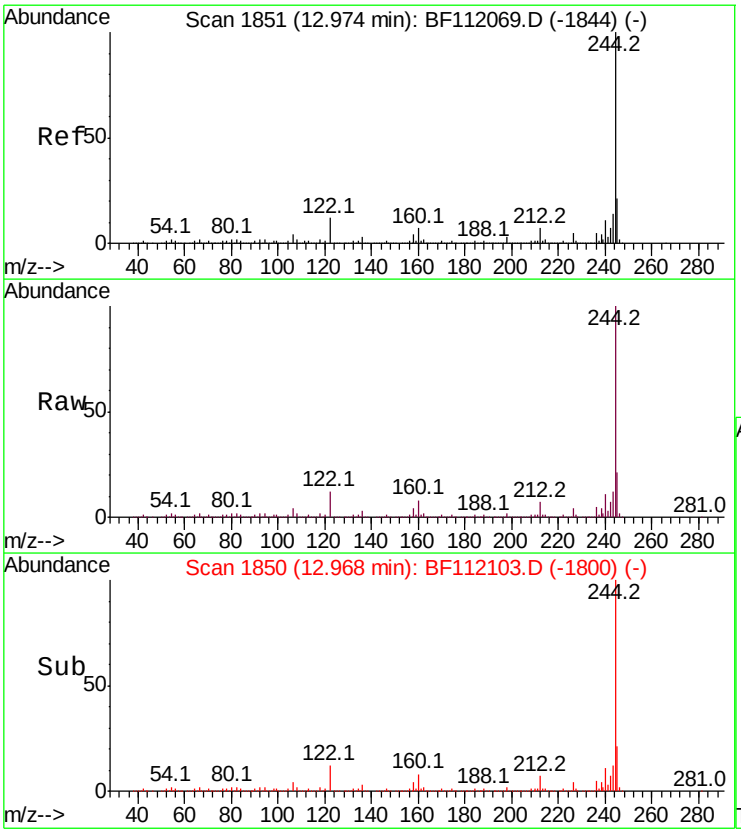
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion:240 Resp: 663892

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.9	20.7	31.1

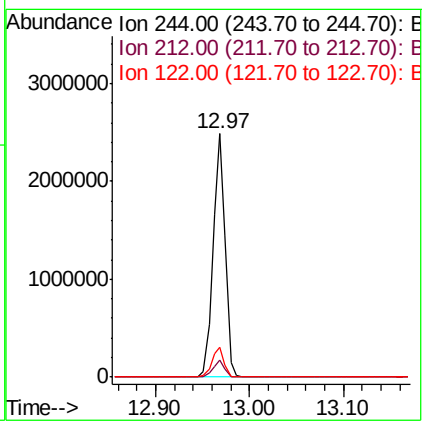


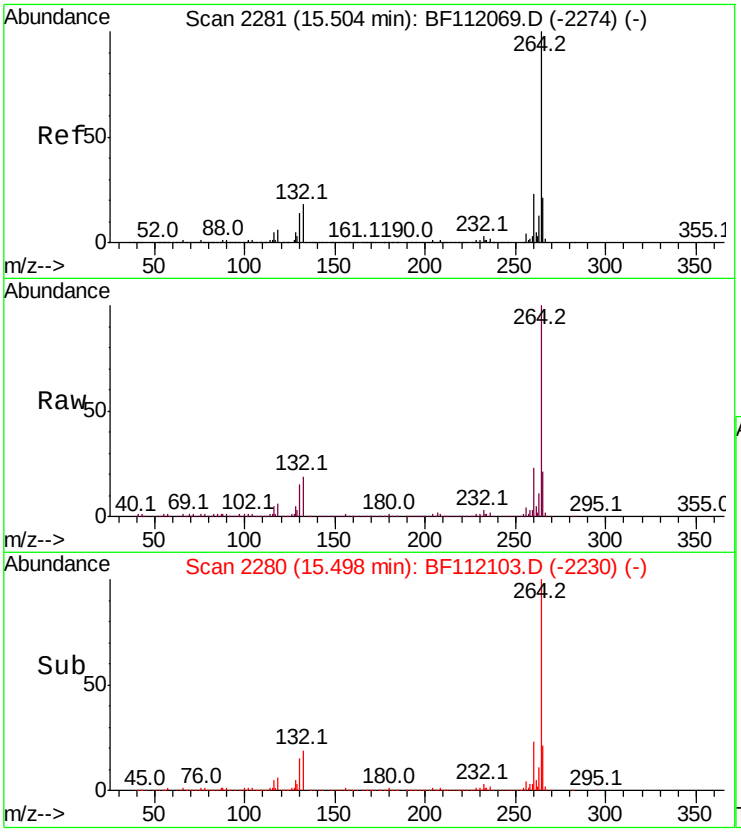


#79
Terphenyl-d14
Concen: 72.342 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion:244 Resp: 2257578

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.4	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tgt Ion:264 Resp: 520110

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.0	17.0	25.4