Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111405.D
Acq On : 14 Dec 2018 8:28
Operator : JU/SJ
Sample : J6326-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 09:42:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	201579	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	784887	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	309965	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	453441	20.00	ng	0.00
76) Chrysene-d12	13.95	240	390234	20.00	ng	-0.01
87) Perylene-d12	15.38	264	287113	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	539535	45.26	ng	0.00
7) Phenol-d6	6.43	99	402039	25.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	1310908	94.14	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	207269	75.86	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2161297	111.95	ng	0.00
79) Terphenyl-d14	12.90	244	1732403	97.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	766	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	173958	16.288	ng	# 77
25) Isophorone	7.36	82	1289645	54.520	ng	# 64
50) Dimethylphthalate	9.55	163	69728	3.128	ng	98
51) 2,6-Dinitrotoluene	9.83	165	39228	7.940	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	39228	6.195	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	13184	2.612	ng	# 1
77) Benzidine	12.90	184	19859	2.697	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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Acq On : 14 Dec 2018 8:28
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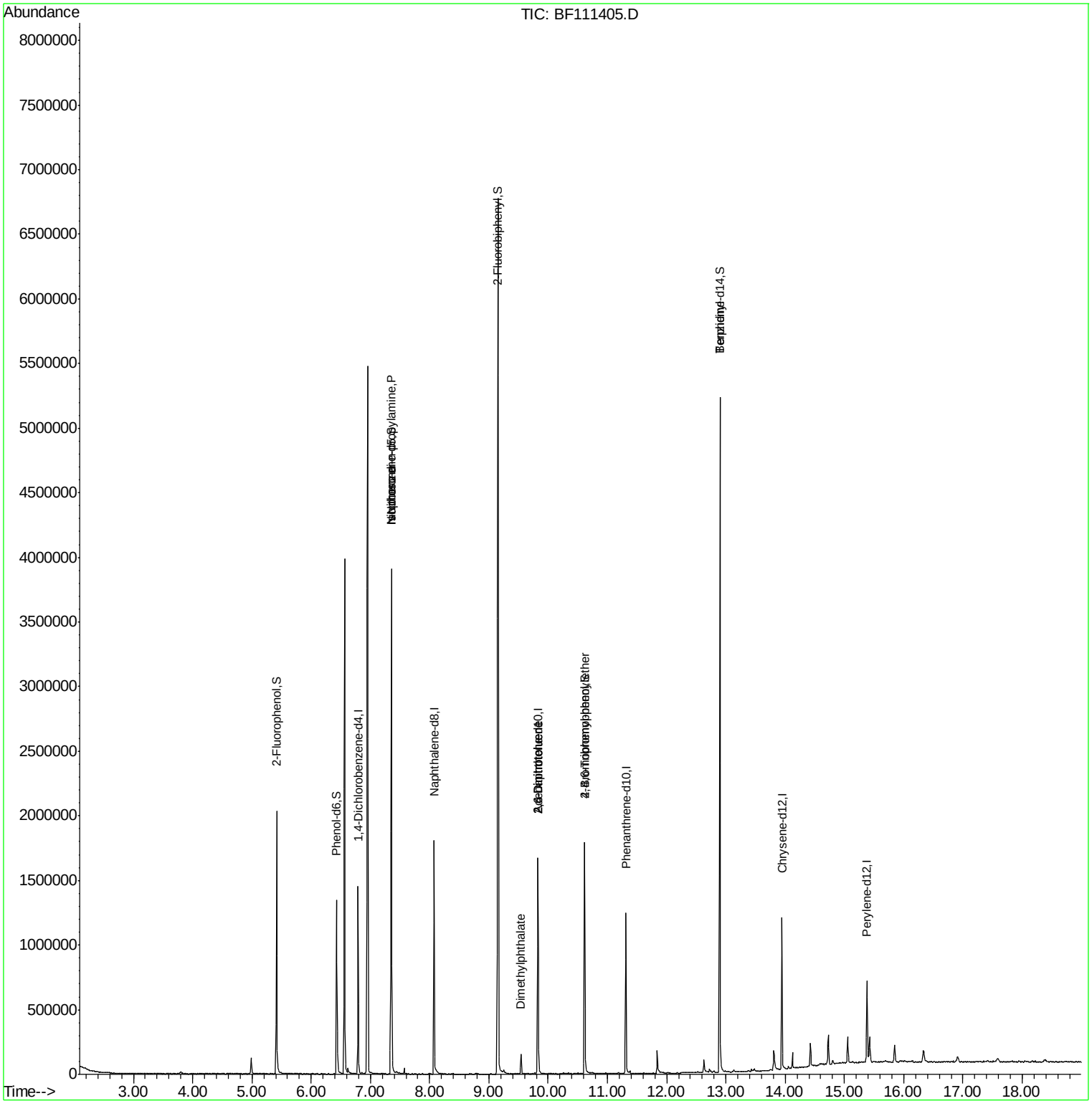
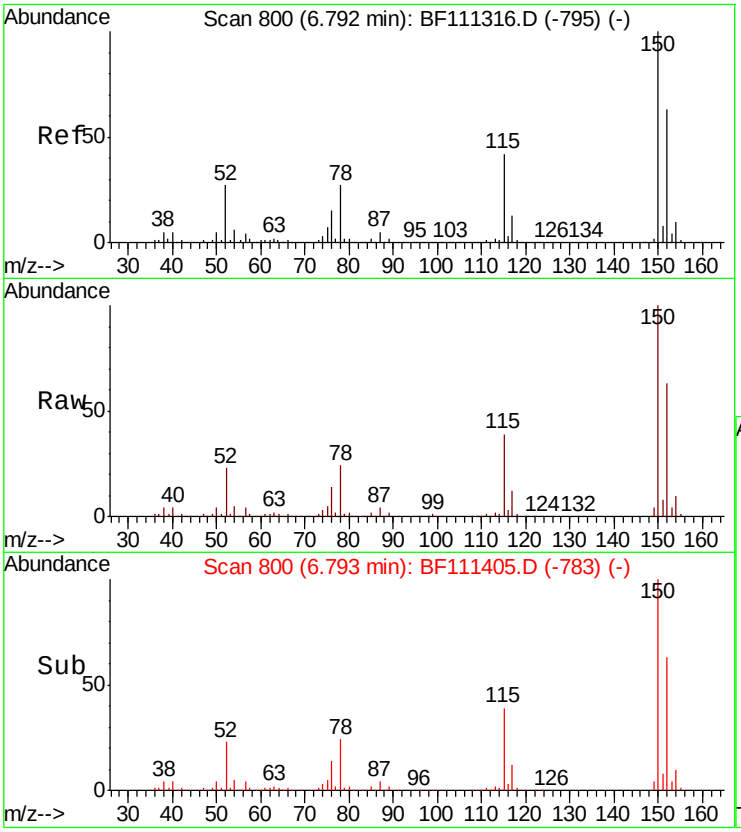
Quant Time: Dec 14 09:42:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration



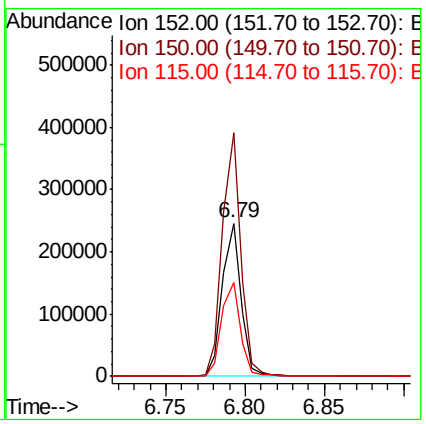


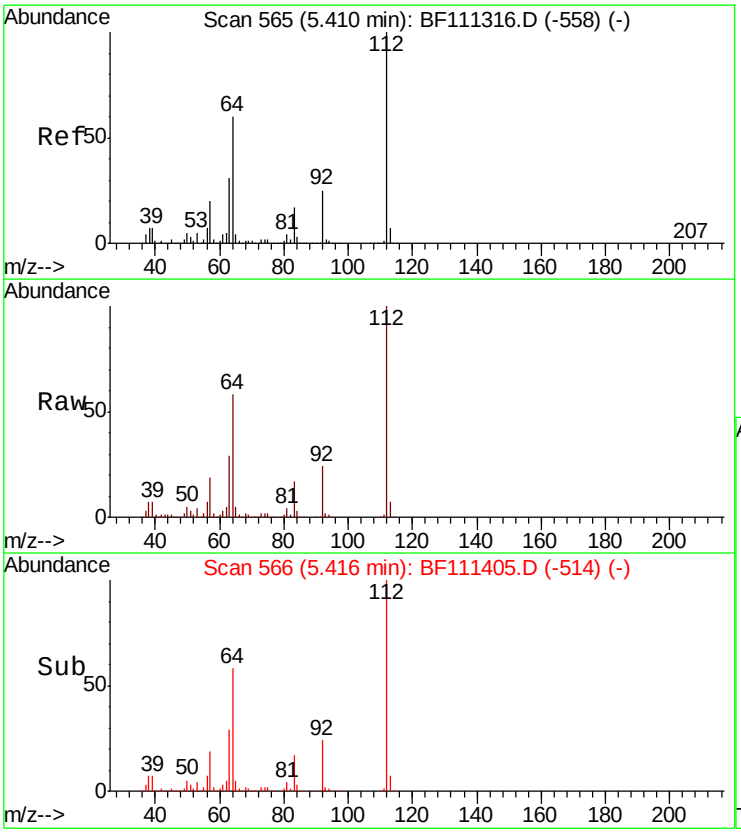
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 201579

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	61.5	50.7	76.1

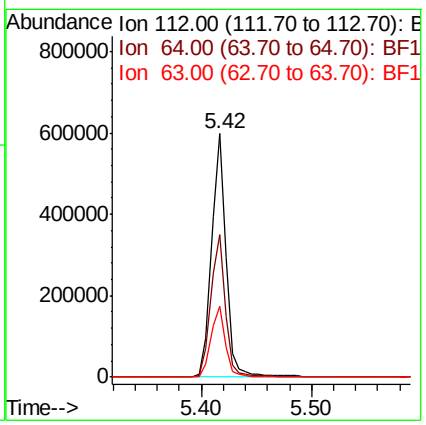


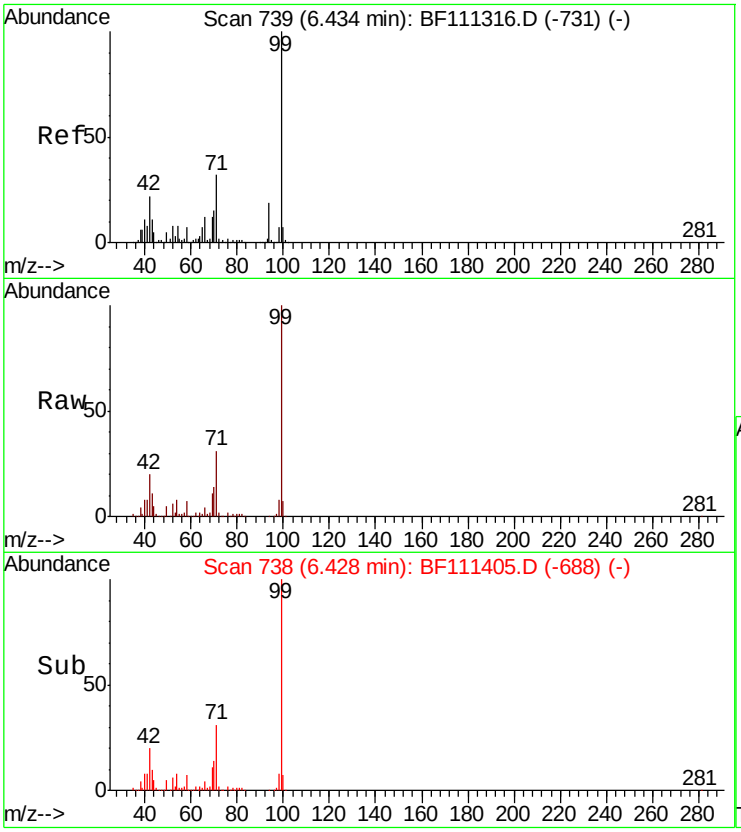


#5
2-Fluorophenol
Concen: 45.261 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion:112 Resp: 539535

Ion	Ratio	Lower	Upper
112	100		
64	58.4	51.8	77.6
63	29.3	26.8	40.2



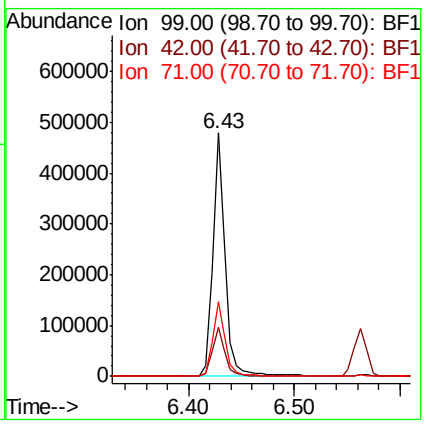


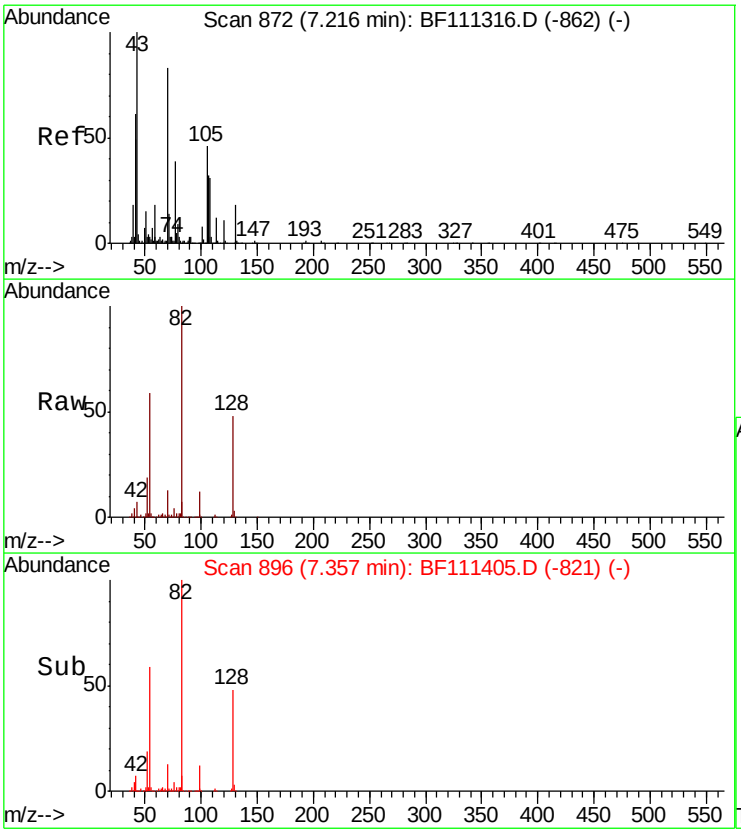
#7
Phenol-d6
Concen: 25.015 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 402039

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.4	26.0
71	30.7	26.1	39.1

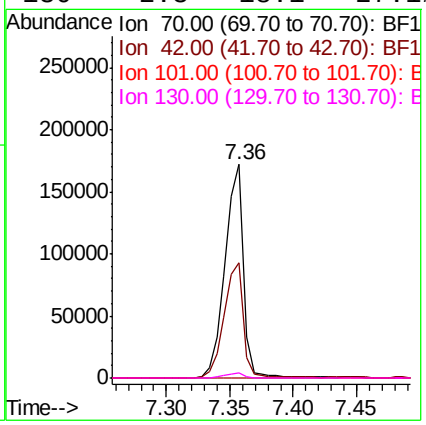


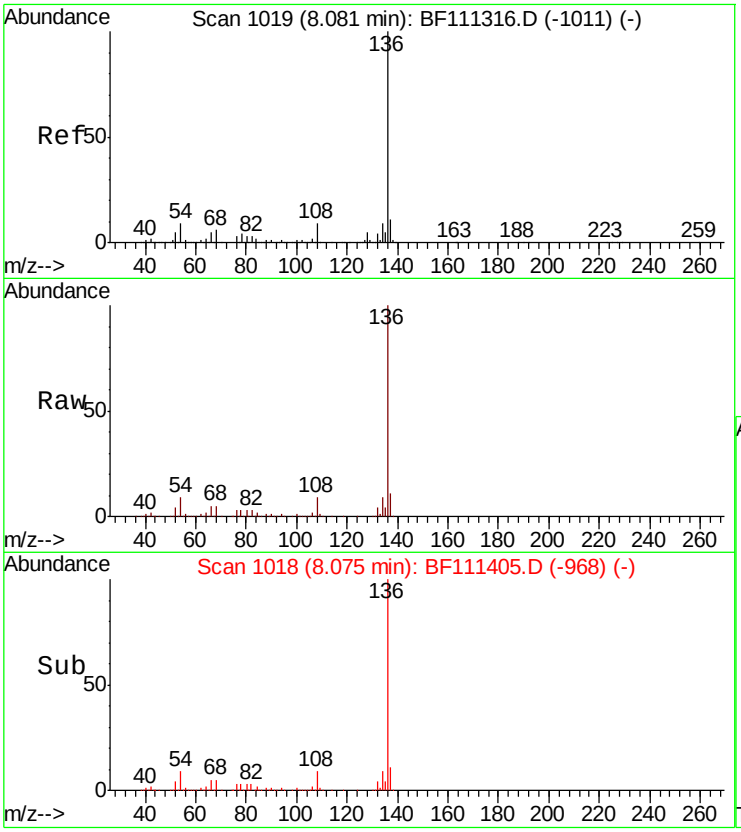


#19
n-Nitroso-di-n-propylamine
Concen: 16.288 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion: 70 Resp: 173958

Ion	Ratio	Lower	Upper
70	100		
42	53.7	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#



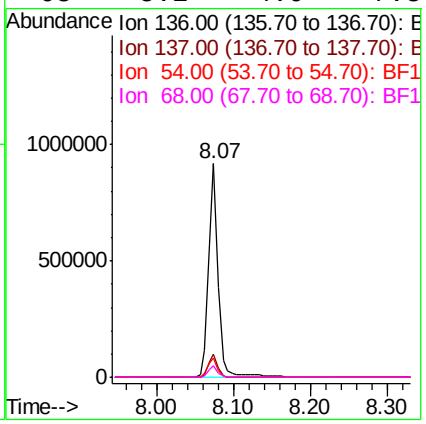


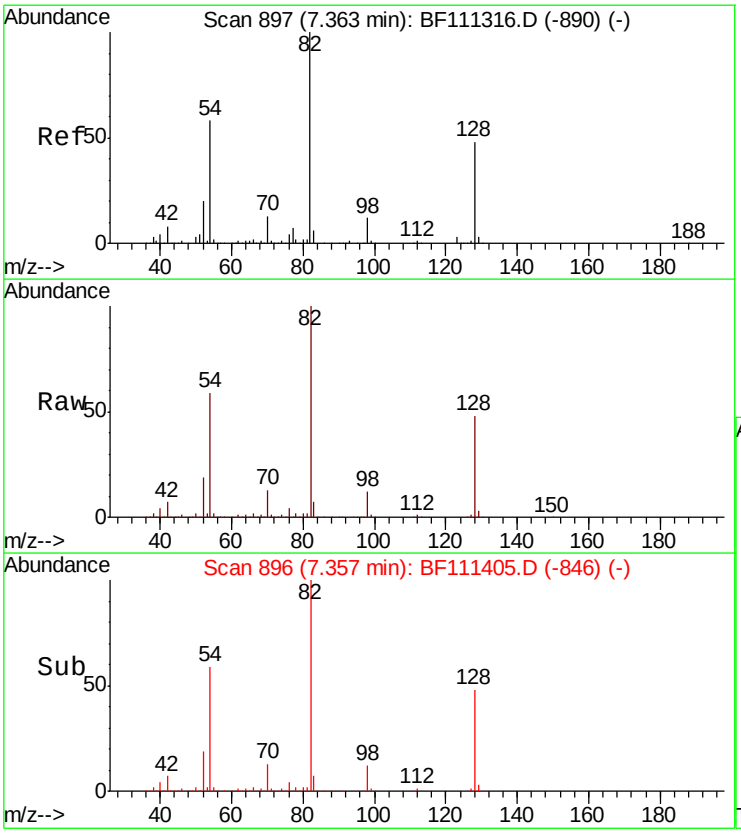
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 784887

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.9	7.7	11.5
68	5.2	4.9	7.3

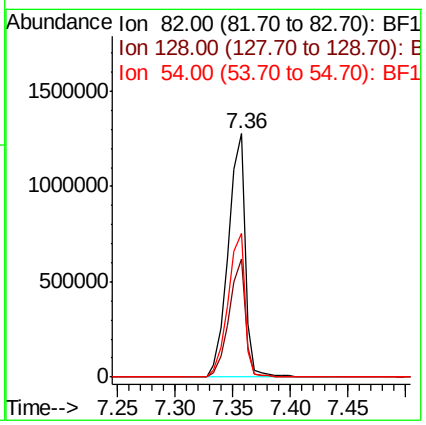


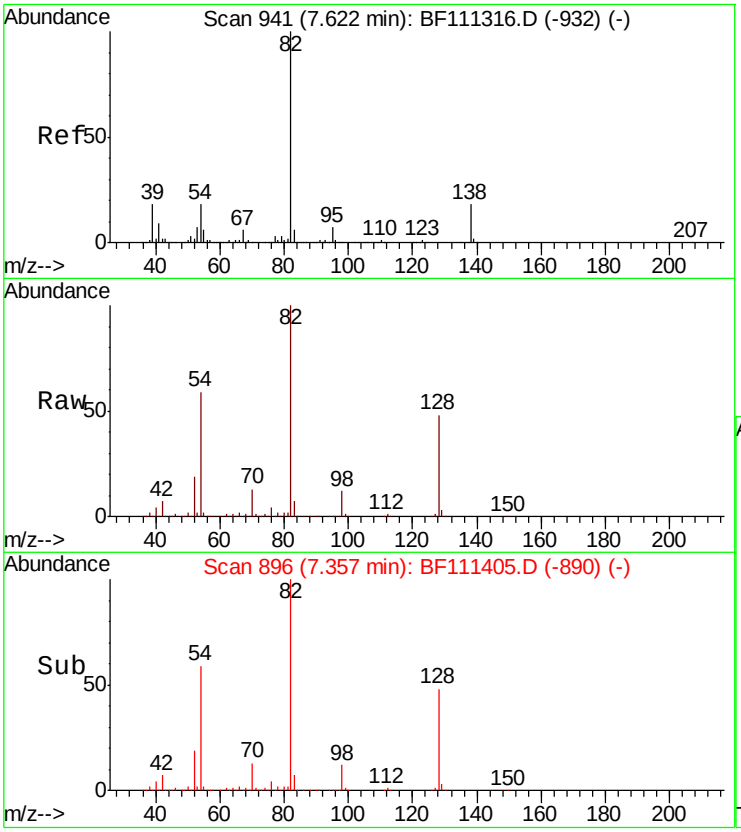


#23
Nitrobenzene-d5
Concen: 94.137 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion: 82 Resp: 1310908

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.4	56.2
54	59.0	47.6	71.4



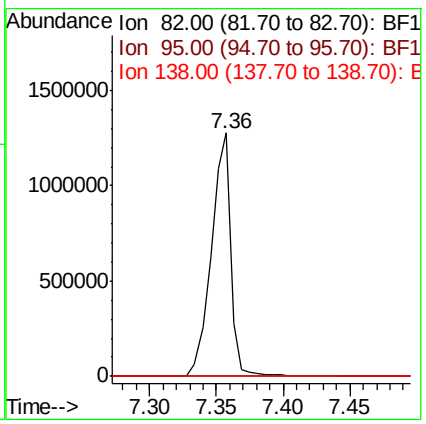


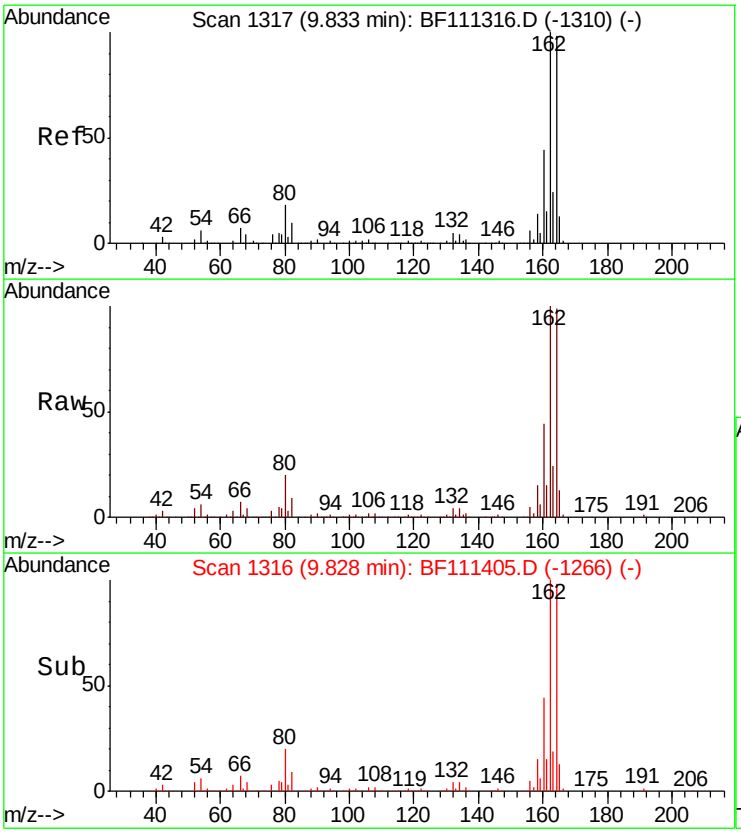
#25
Isophorone
Concen: 54.520 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1289645

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

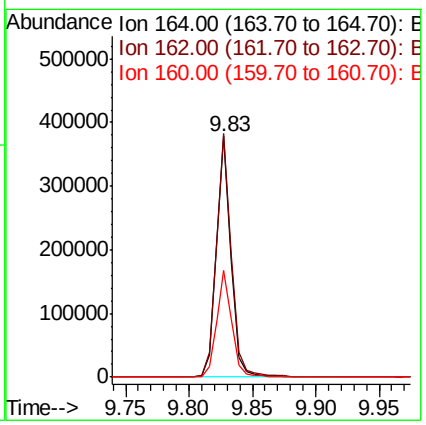


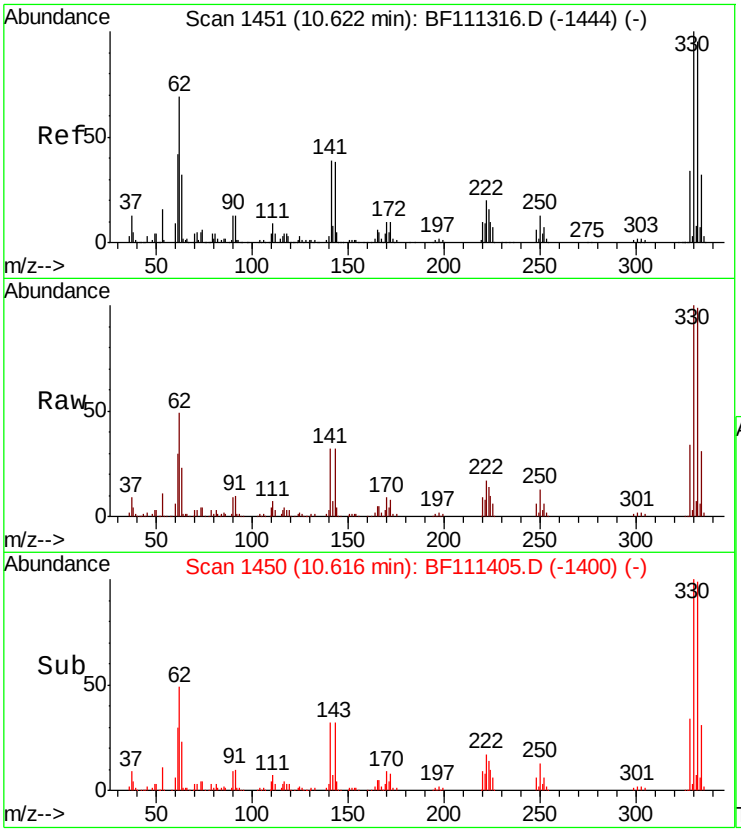


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion:164 Resp: 309965

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	44.4	35.7	53.5



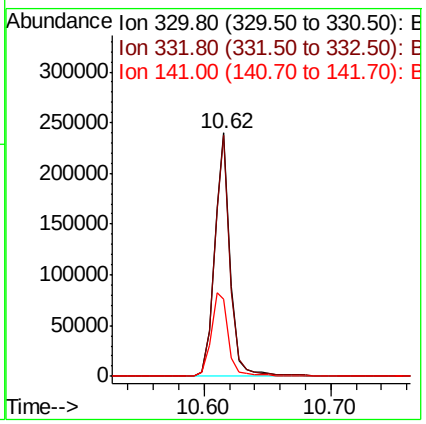


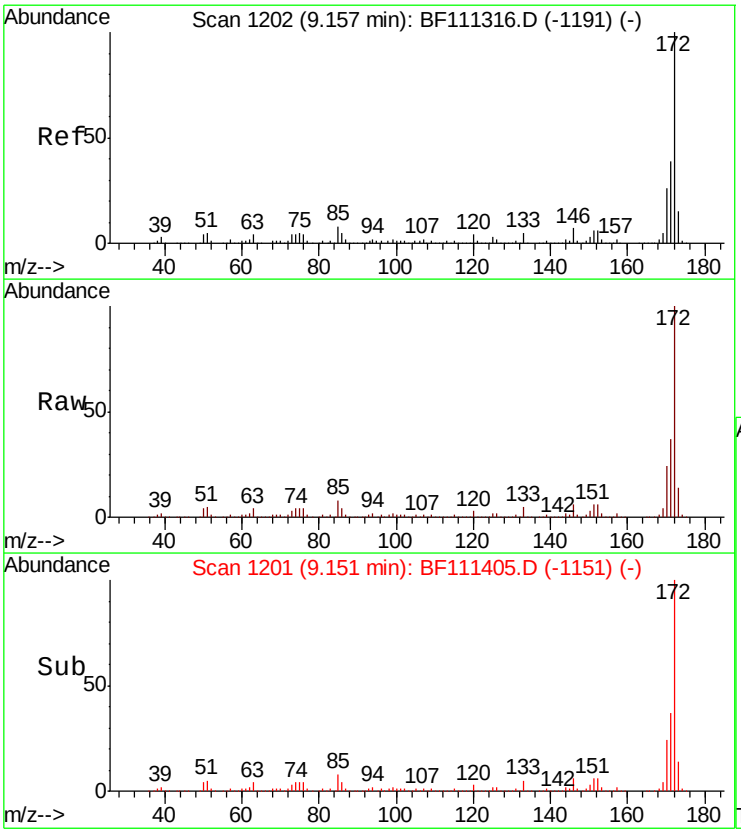
#42
2,4,6-Tribromophenol
Concen: 75.857 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 207269

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.0	114.0
141	38.5	31.0	46.6

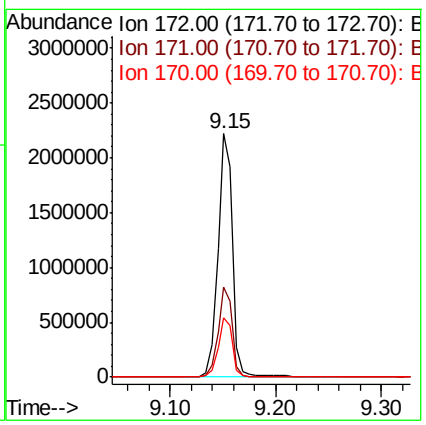


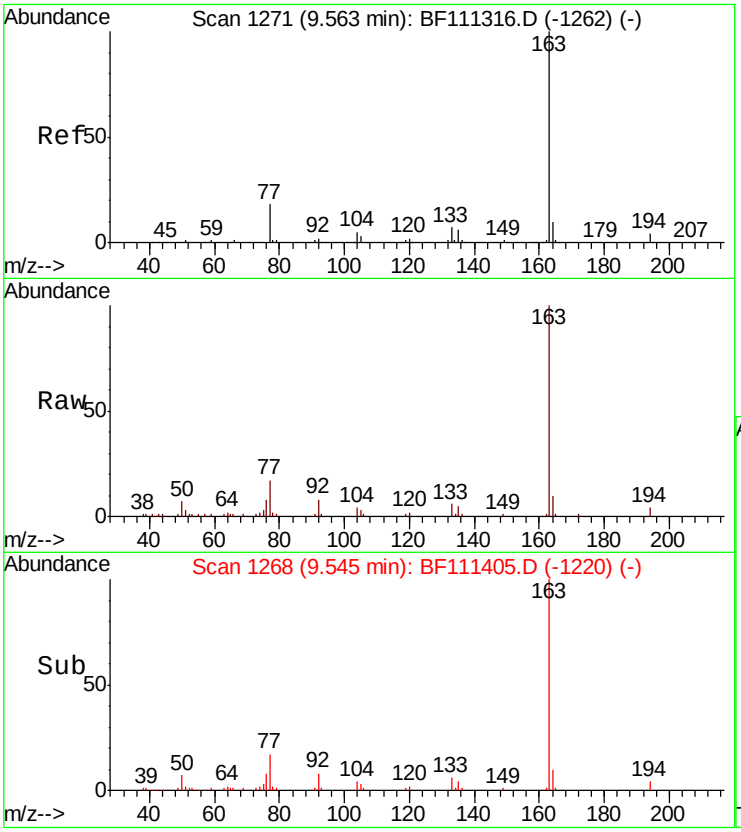


#45
2-Fluorobiphenyl
Concen: 111.946 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion:172 Resp: 2161297

Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.0	49.4
170	24.5	22.3	33.5



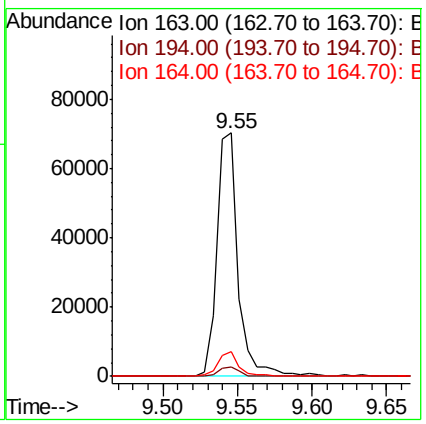


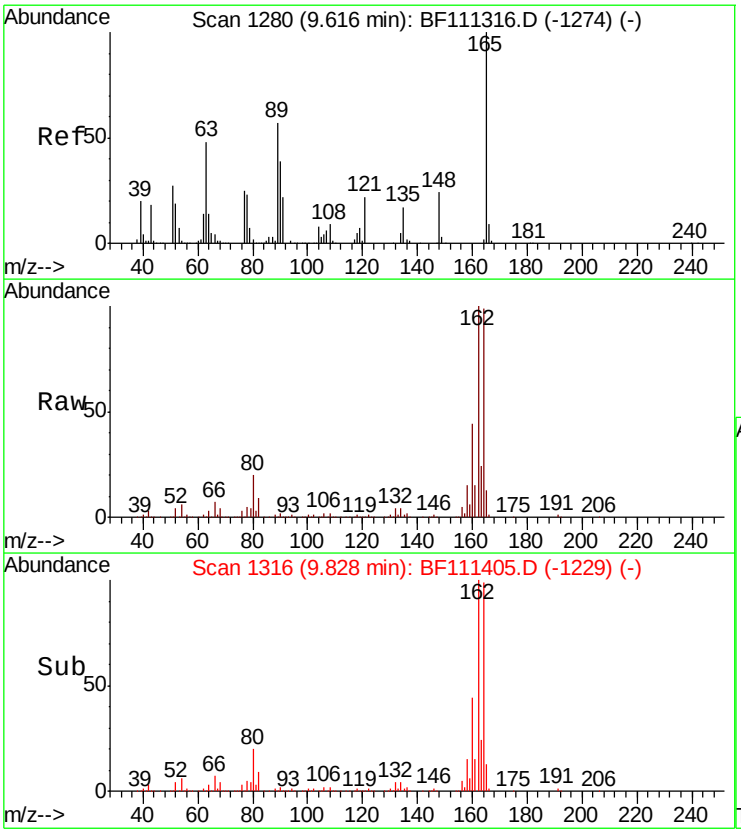
#50
Dimethylphthalate
Concen: 3.128 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 69728

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.9	8.9	13.3

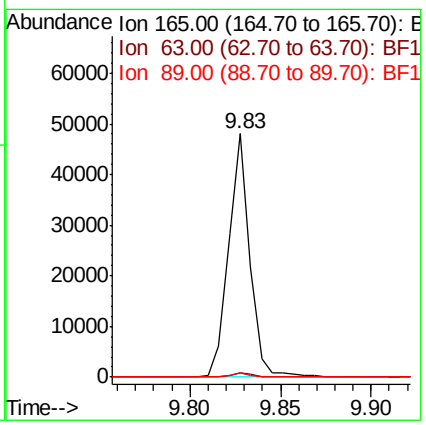


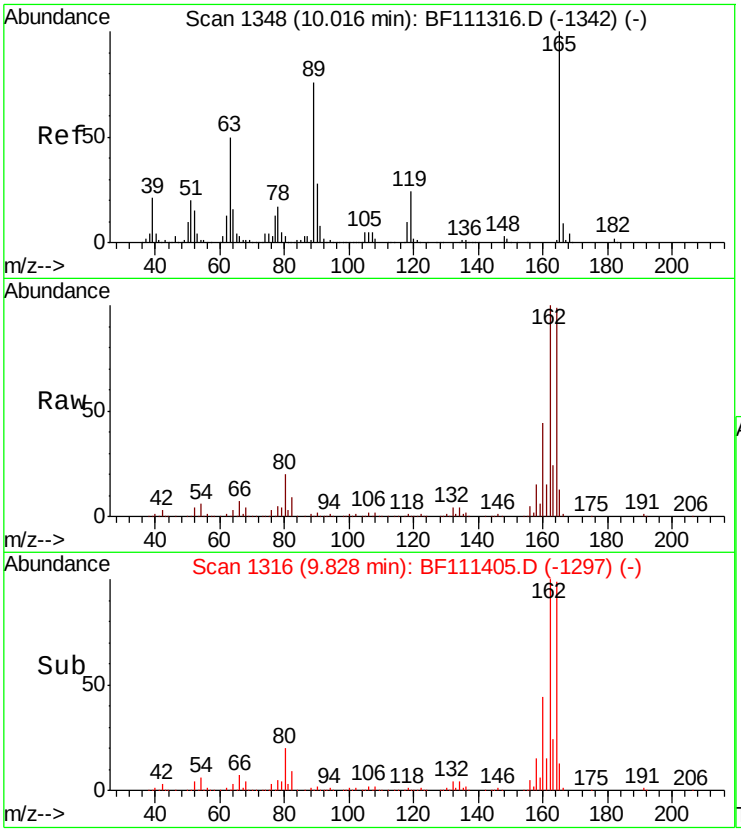


#51
2,6-Dinitrotoluene
Concen: 7.940 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion:165 Resp: 39228

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.5	60.7#
89	1.6	40.0	60.0#



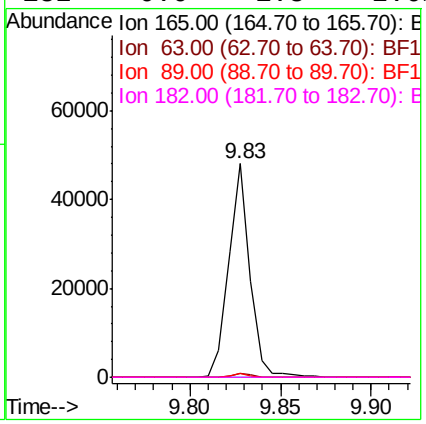


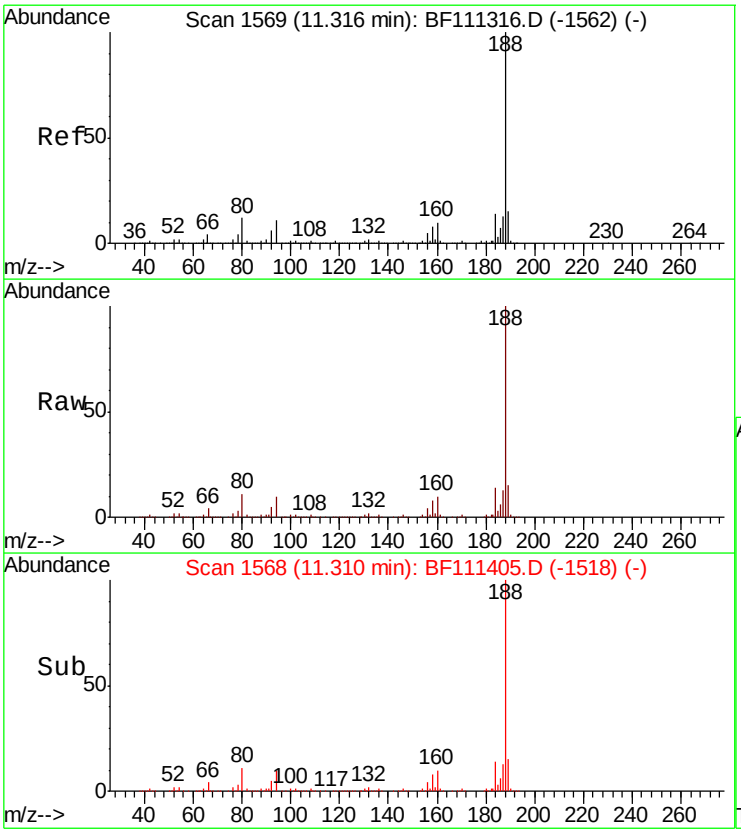
#57
2,4-Dinitrotoluene
Concen: 6.195 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39228

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#

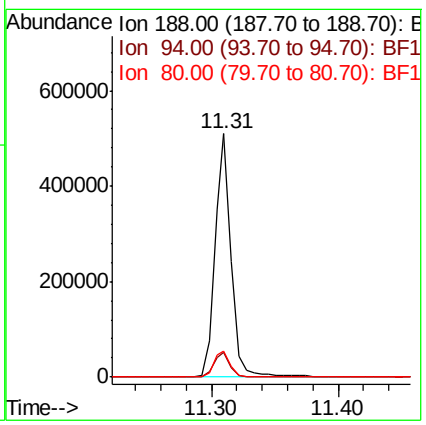


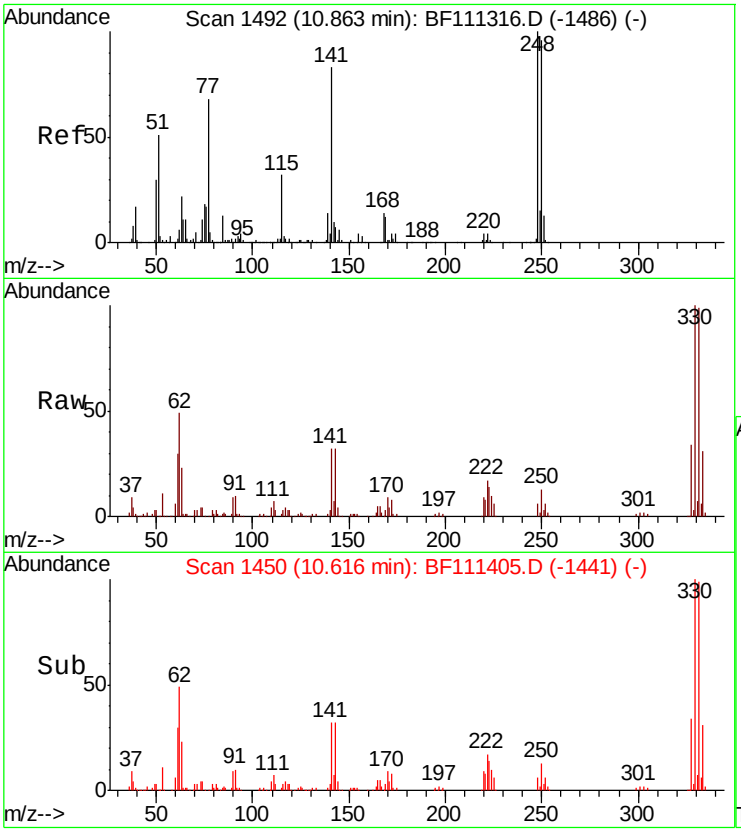


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion:188 Resp: 453441

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.7	9.8	14.6



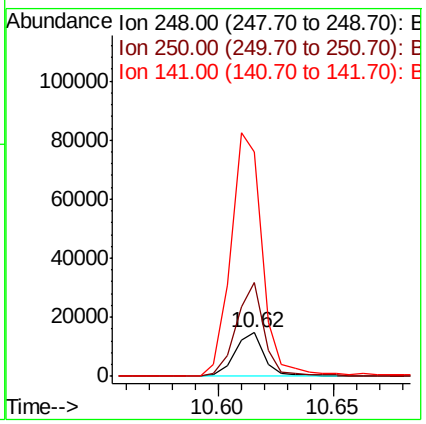


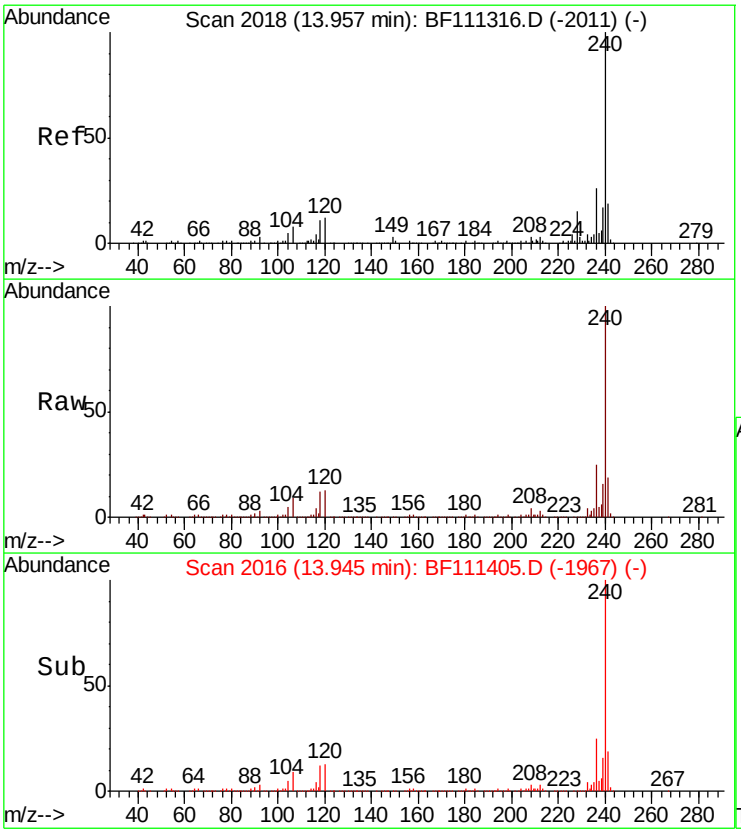
#67
4-Bromophenyl-phenylether
Concen: 2.612 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13184

Ion	Ratio	Lower	Upper
248	100		
250	212.6	77.0	115.4#
141	510.3	63.0	94.6#

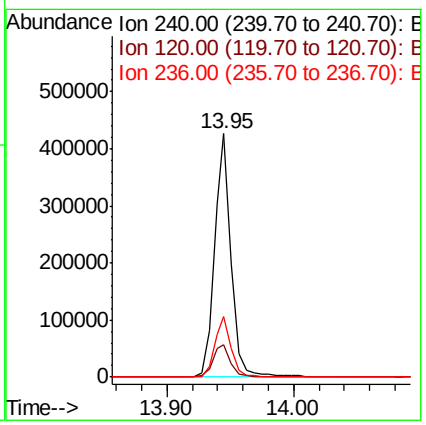


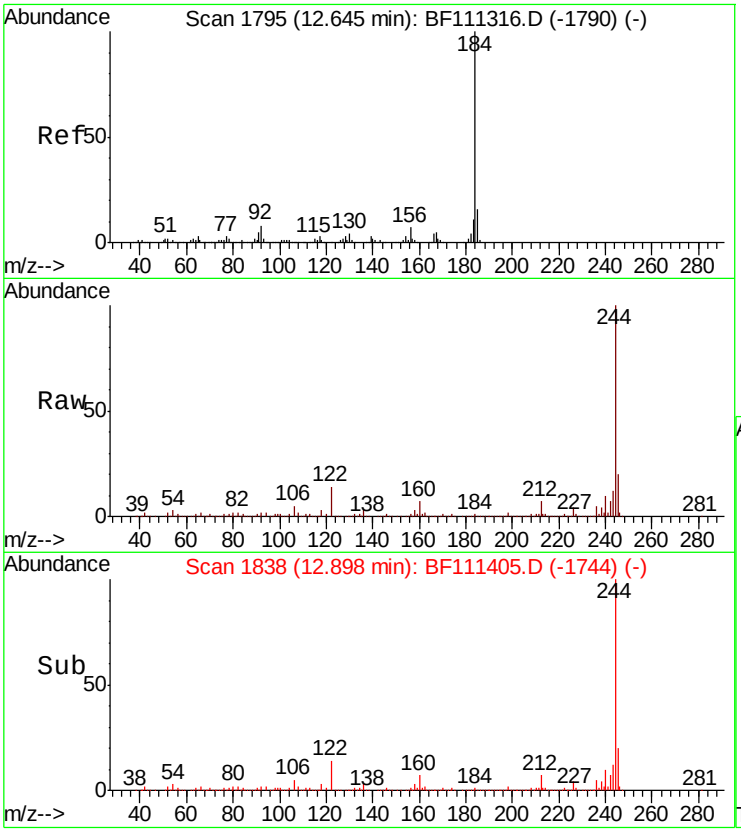


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion:240 Resp: 390234

Ion	Ratio	Lower	Upper
240	100		
120	13.4	12.2	18.2
236	24.9	20.2	30.2



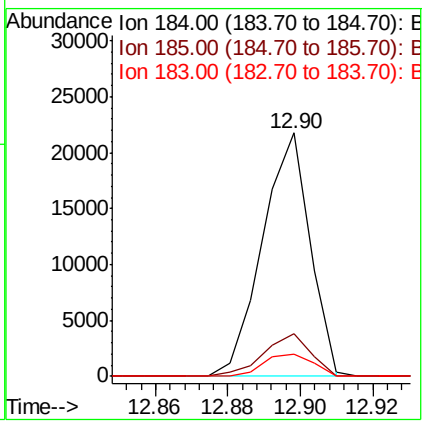


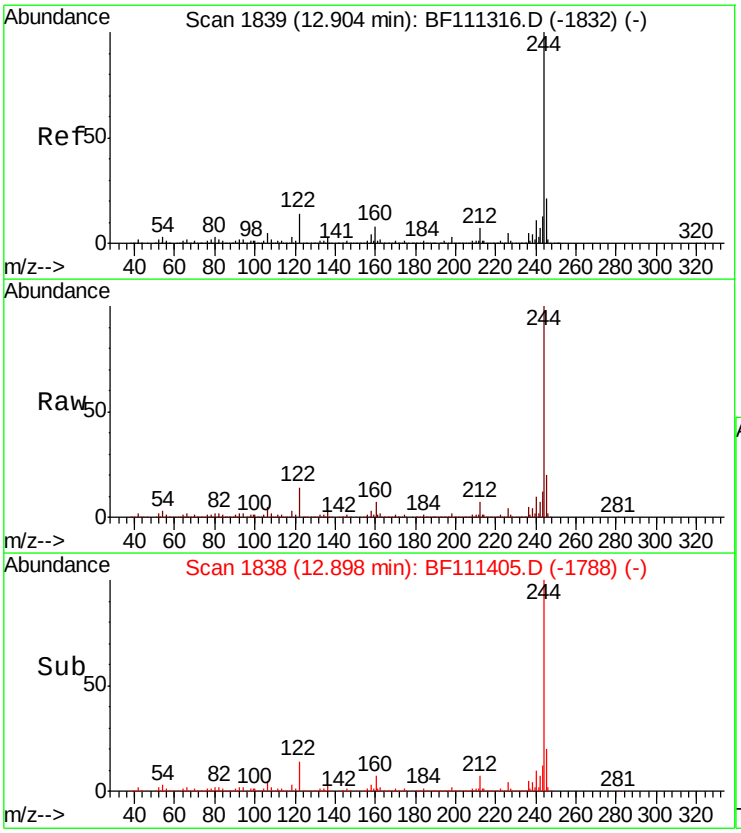
#77
Benzidine
Concen: 2.697 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 19859

Ion	Ratio	Lower	Upper
184	100		
185	17.5	13.0	19.6
183	9.0	9.3	13.9#

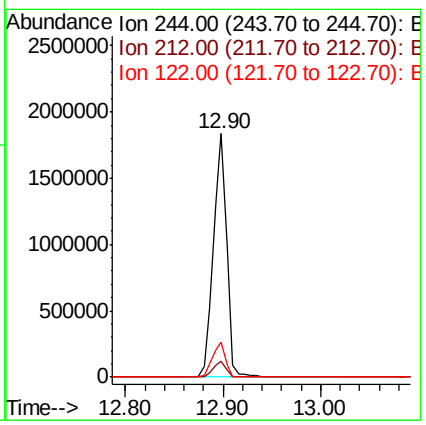


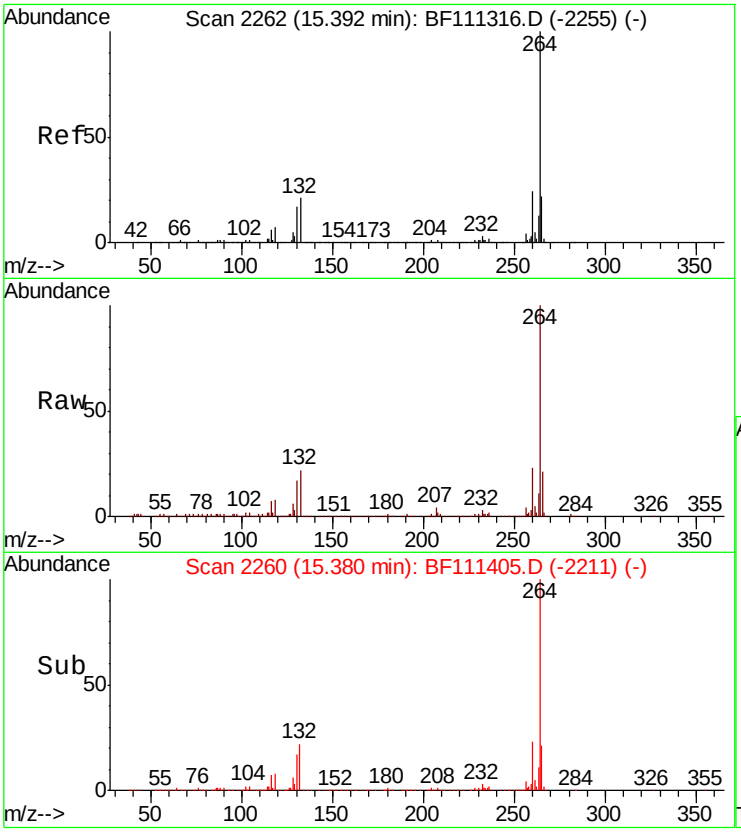


#79
Terphenyl-d14
Concen: 97.708 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Tgt Ion:244 Resp: 1732403

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	14.5	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111405.D
Acq: 14 Dec 2018 8:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 287113

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.7	17.7	26.5