Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
Data File : BF111801.D
Acq On : 28 Dec 2018 20:56
Operator : JU/SJ
Sample : PB116072BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116072BL

Quant Time: Dec 29 01:13:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138927	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	493504	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	217362	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	322154	20.00	ng	0.01
76) Chrysene-d12	14.07	240	303342	20.00	ng	0.02
87) Perylene-d12	15.56	264	222288	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	894341	109.73	ng	0.03
7) Phenol-d6	6.55	99	1149089	110.78	ng	0.02
23) Nitrobenzene-d5	7.46	82	716537	84.51	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	256095	99.71	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1353851	90.79	ng	0.00
79) Terphenyl-d14	13.01	244	1097424	68.61	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	95976	13.932	ng	# 77
25) Isophorone	7.46	82	712514	47.339	ng	# 64
51) 2,6-Dinitrotoluene	9.94	165	27211	8.585	ng	# 29
57) 2,4-Dinitrotoluene	9.94	165	27211	7.143	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.73	198	401	6.952	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	15513	3.882	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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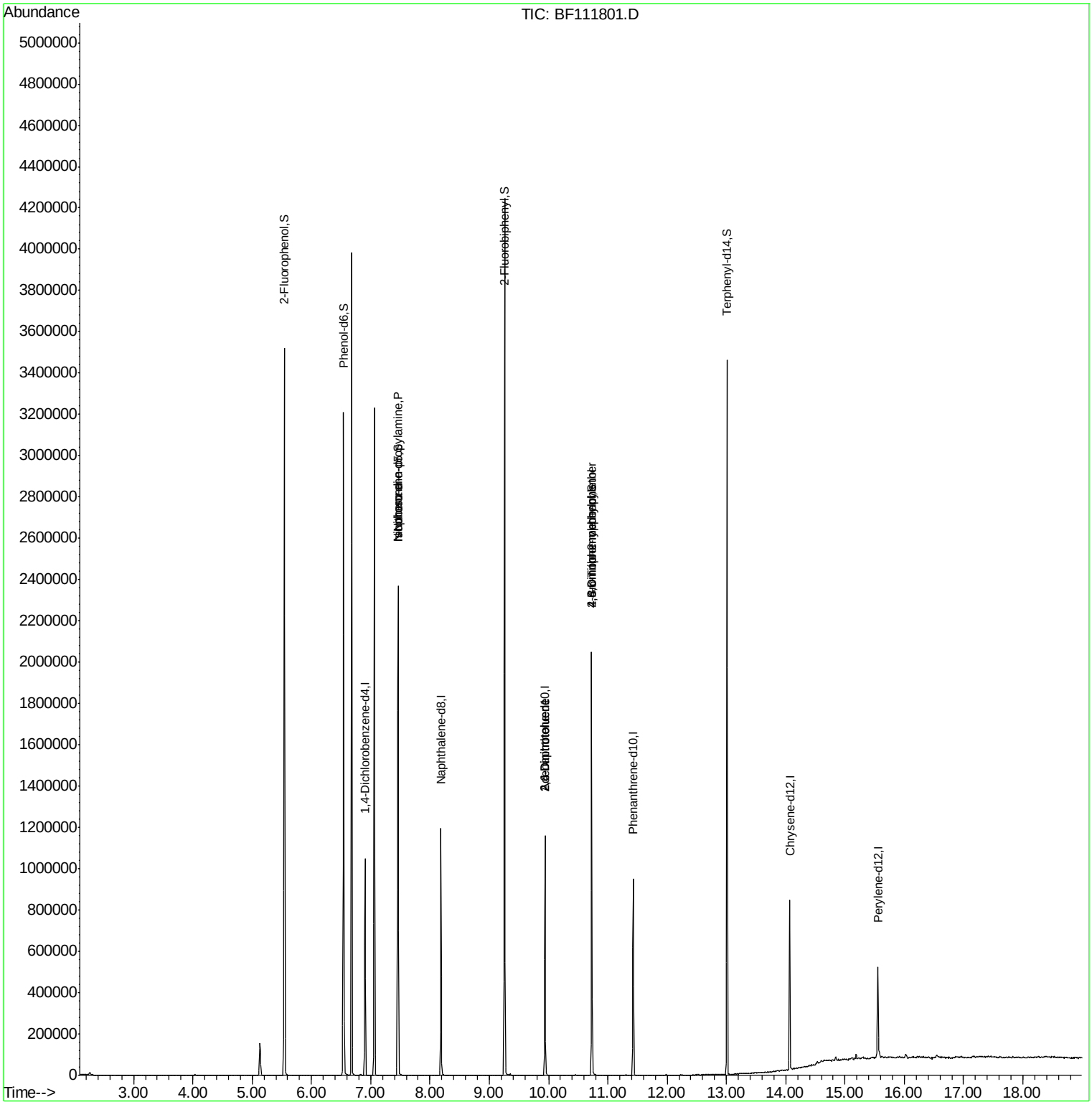
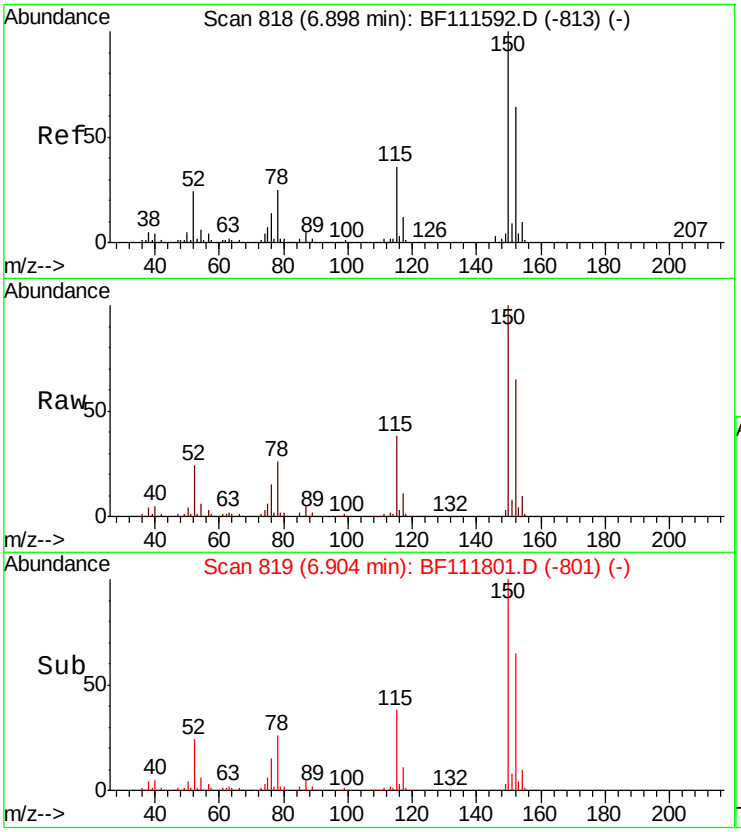


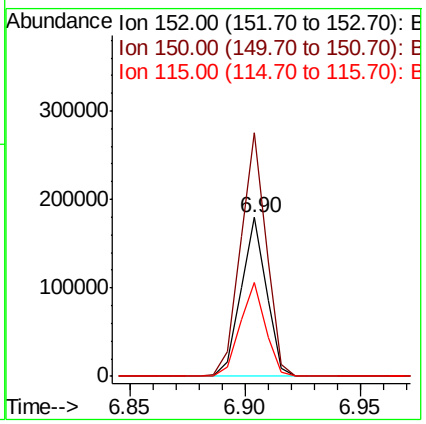


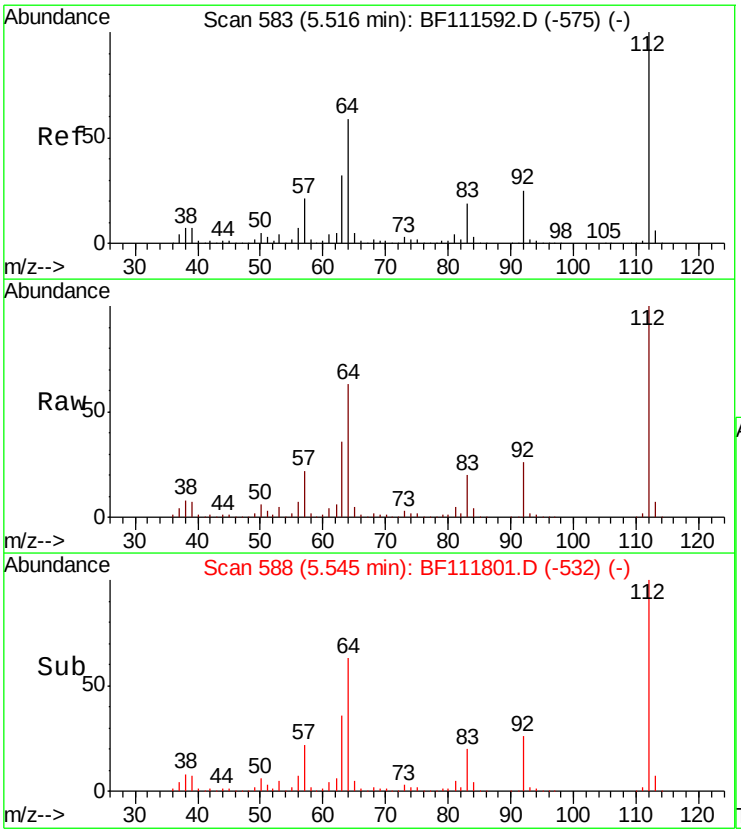
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion:152 Resp: 138927

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	58.7	50.7	76.1

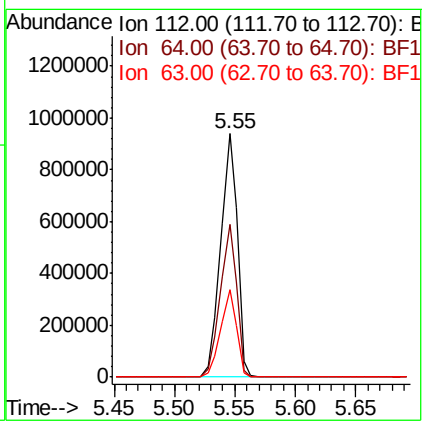


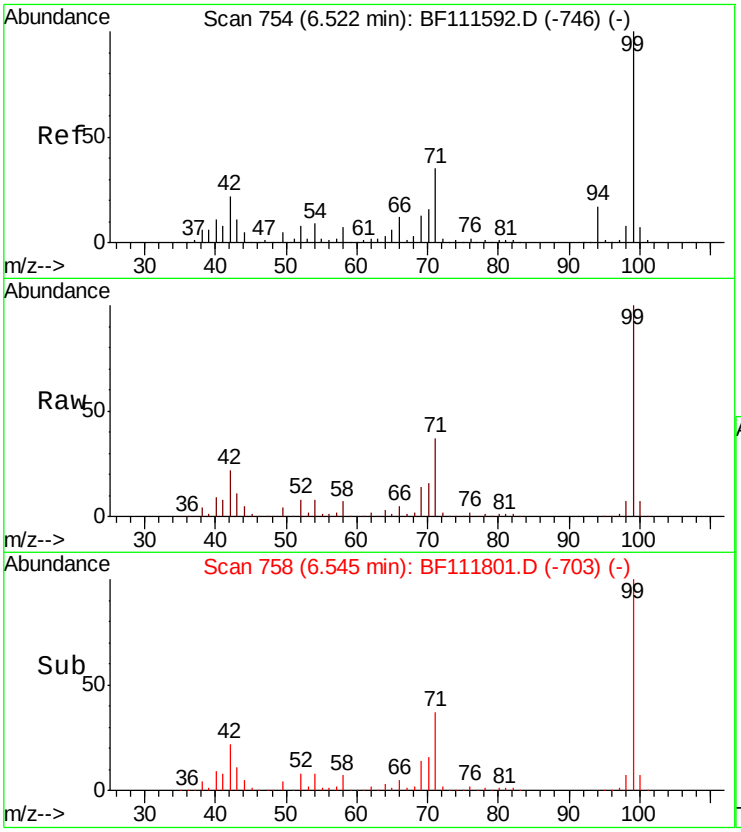


#5
2-Fluorophenol
Concen: 109.729 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion:112 Resp: 894341

Ion	Ratio	Lower	Upper
112	100		
64	62.5	51.8	77.6
63	35.7	26.8	40.2



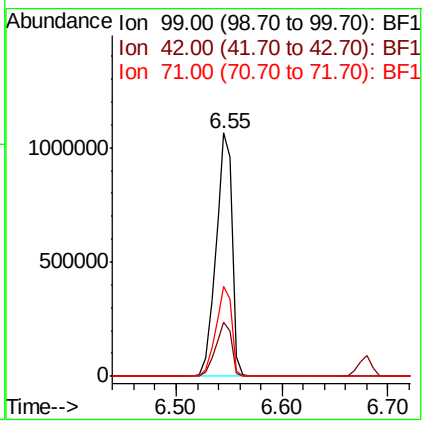


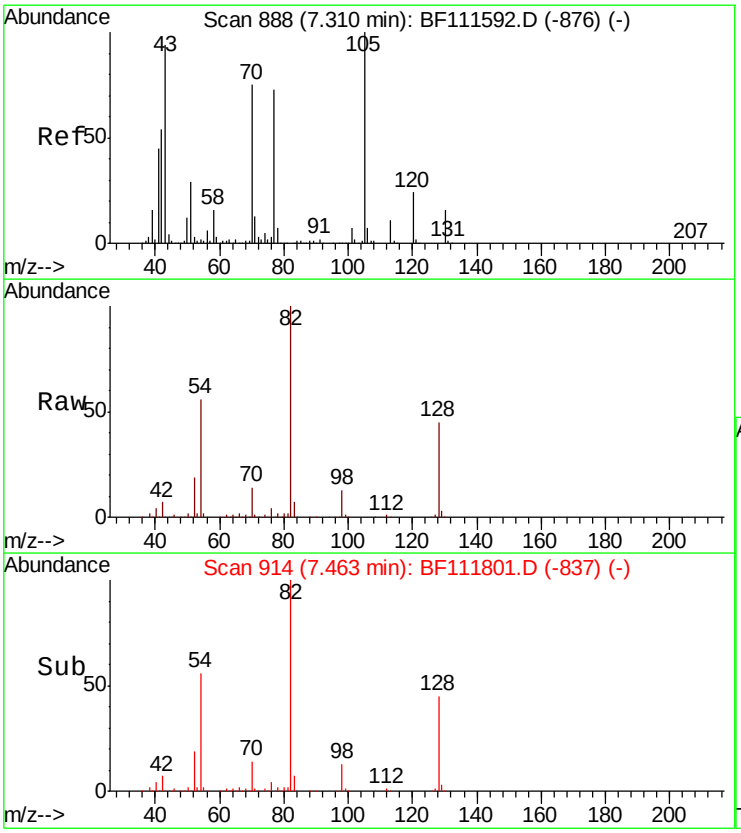
#7
Phenol-d6
Concen: 110.781 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion: 99 Resp: 1149089

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.4	26.0
71	37.0	26.1	39.1

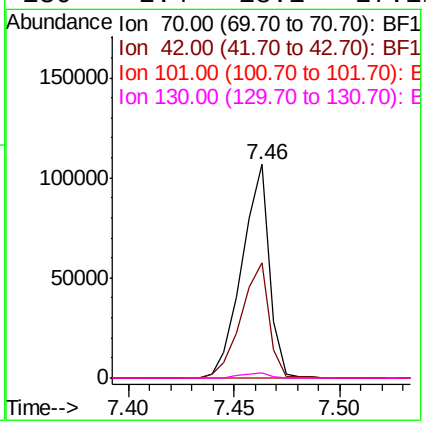


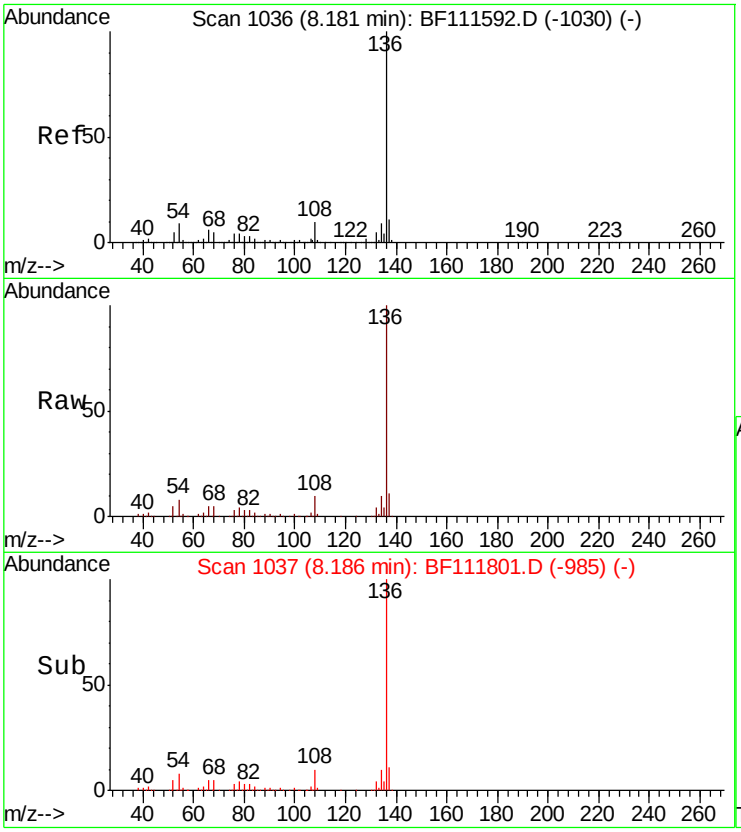


#19
n-Nitroso-di-n-propylamine
Concen: 13.932 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion: 70 Resp: 95976

Ion	Ratio	Lower	Upper
70	100		
42	53.7	53.2	79.8
101	0.0	8.2	12.4#
130	2.4	18.1	27.1#



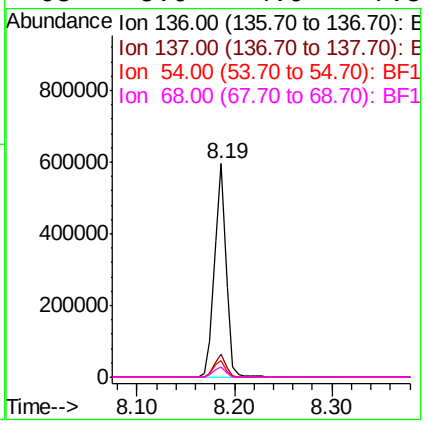


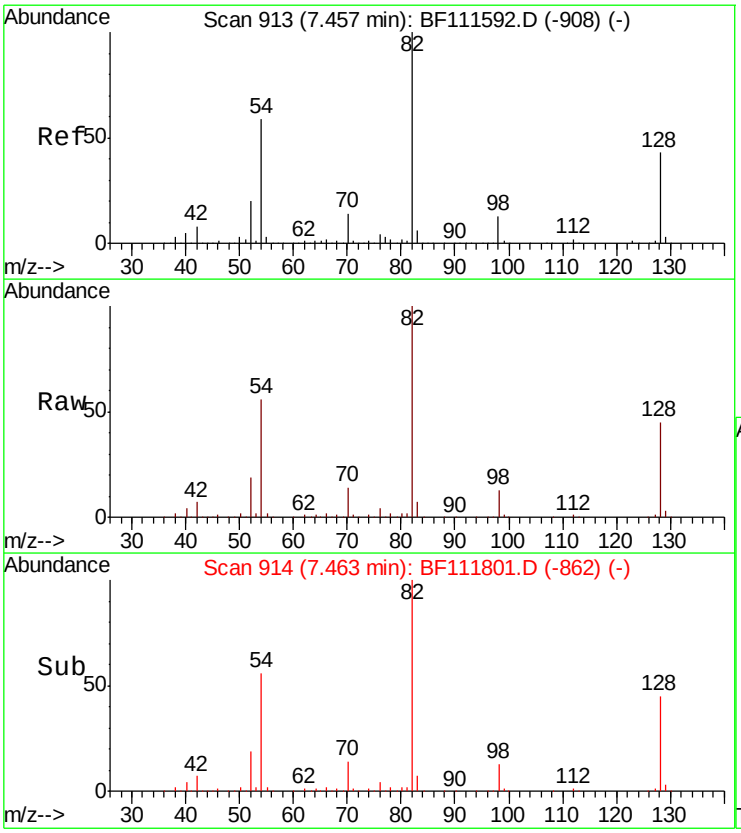
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion:136 Resp: 493504

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.0	7.7	11.5
68	5.0	4.9	7.3

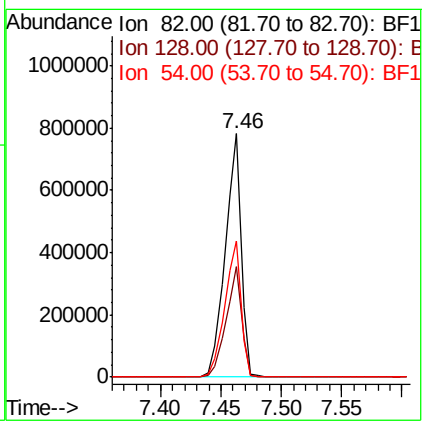


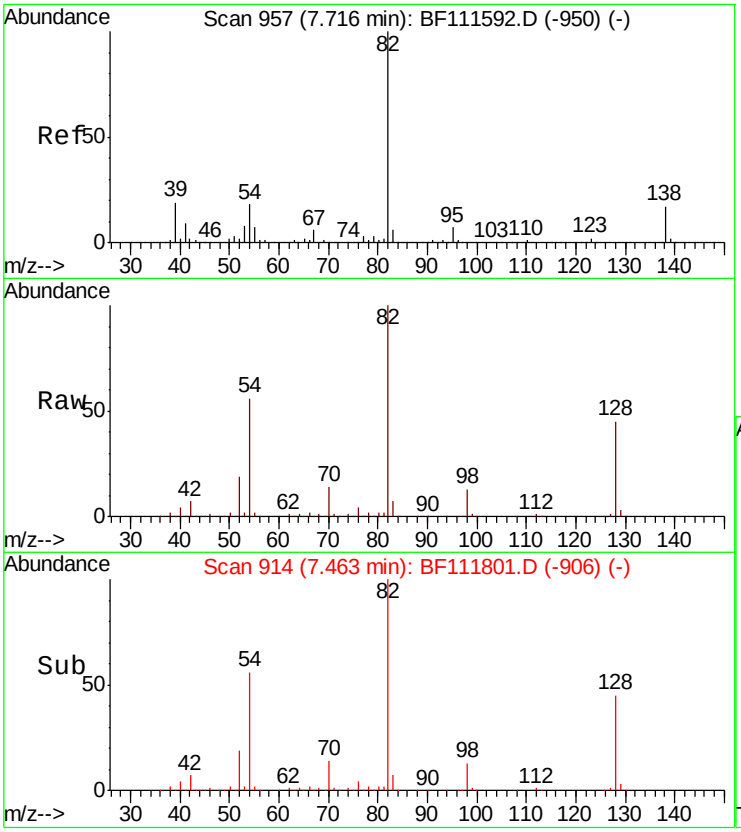


#23
Nitrobenzene-d5
Concen: 84.514 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion: 82 Resp: 716537

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	55.8	47.6	71.4



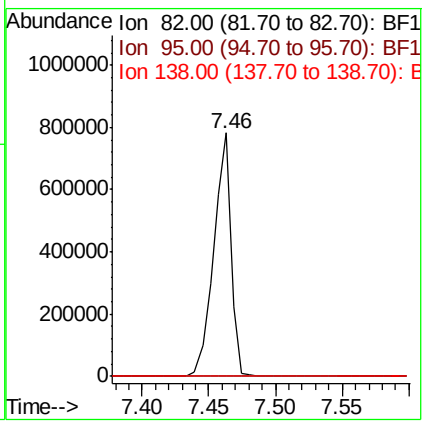


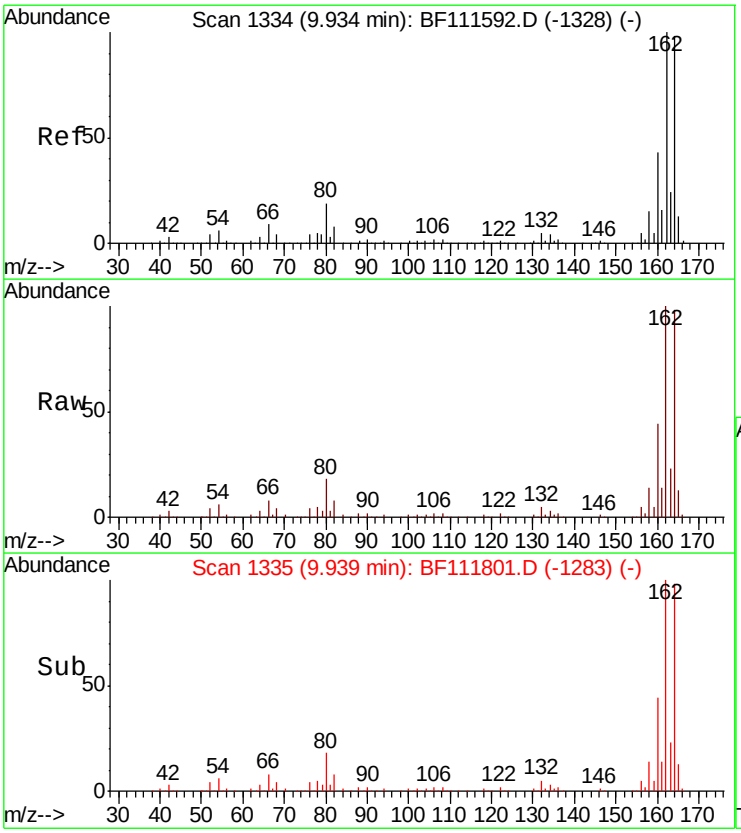
#25
Isophorone
Concen: 47.339 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion: 82 Resp: 712514

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

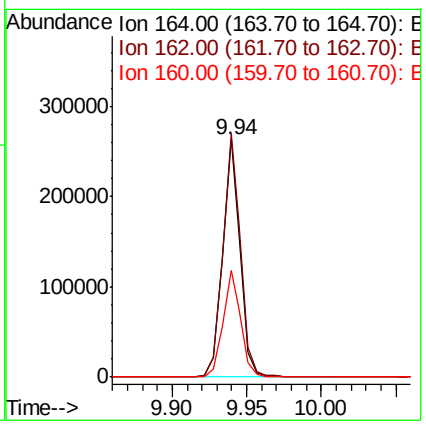


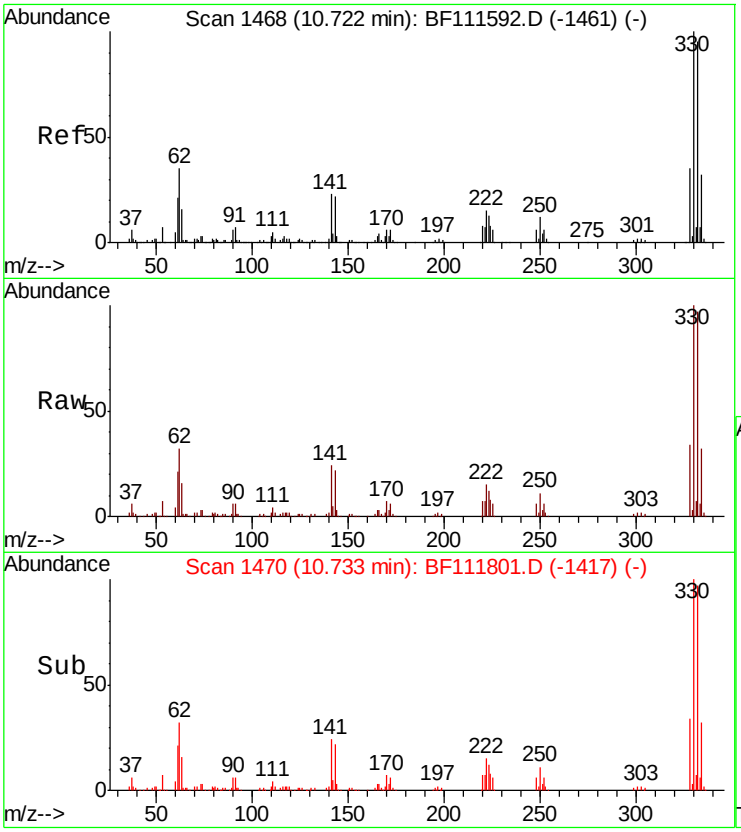


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion:164 Resp: 217362

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	44.5	35.7	53.5



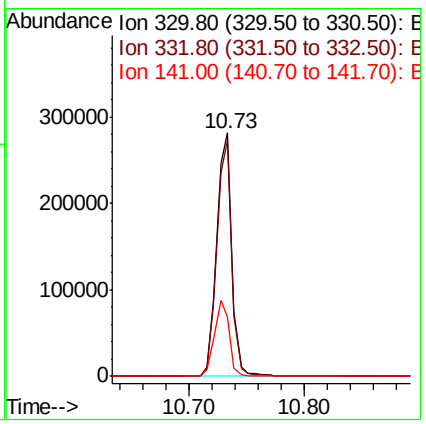


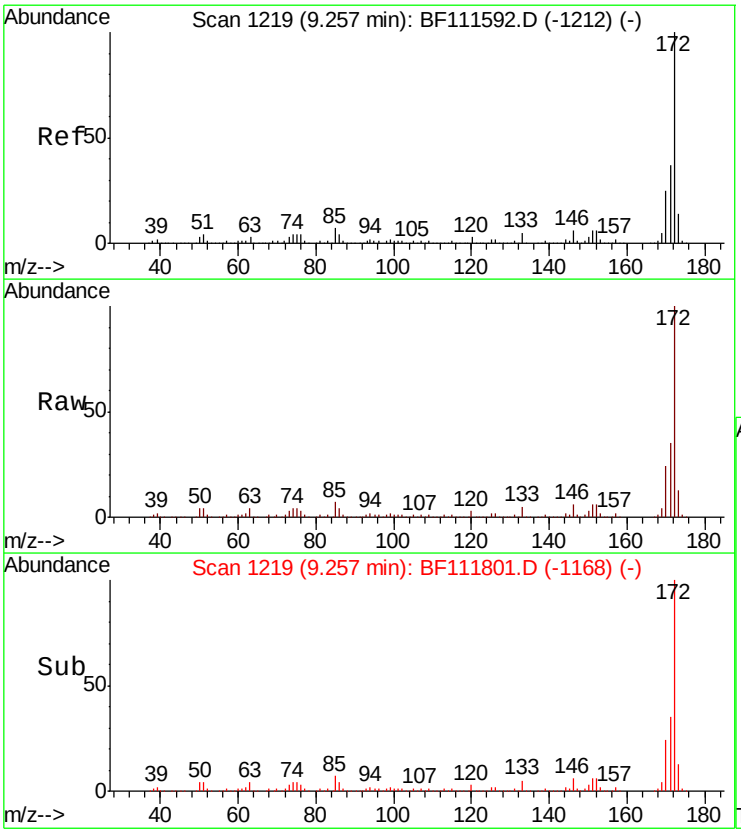
#42
2,4,6-Tribromophenol
Concen: 99.714 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion:330 Resp: 256095

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	30.4	31.0	46.6#

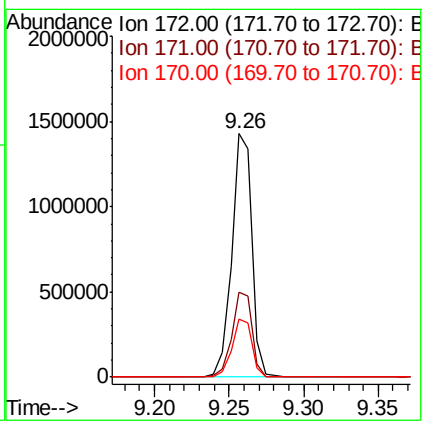


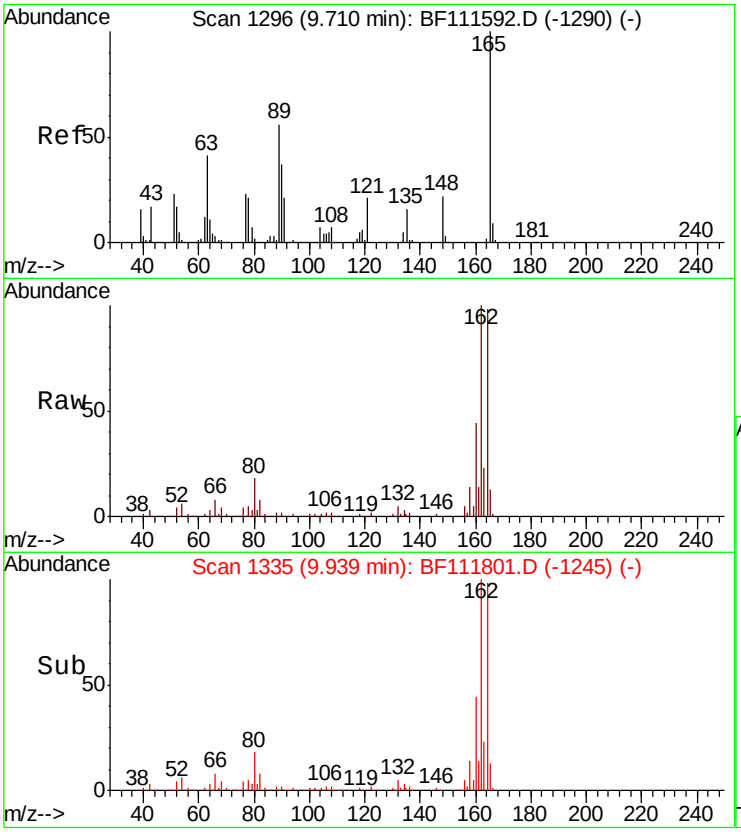


#45
2-Fluorobiphenyl
Concen: 90.786 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion:172 Resp: 1353851

Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	23.6	22.3	33.5



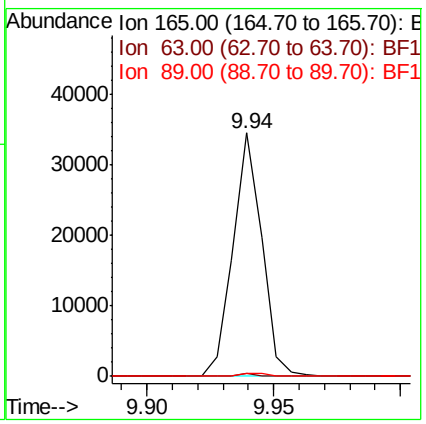


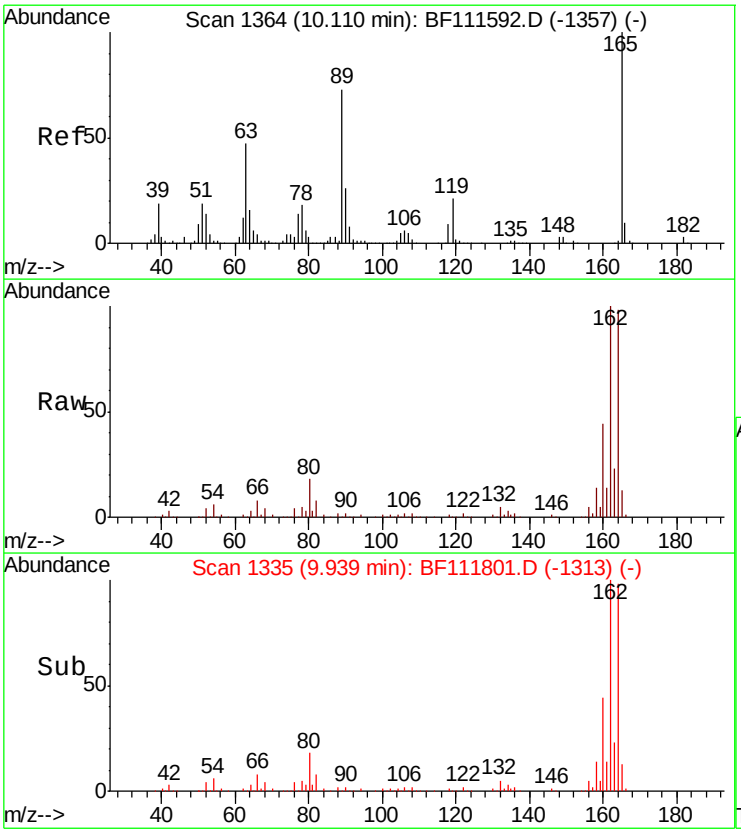
#51
2,6-Dinitrotoluene
Concen: 8.585 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion:165 Resp: 27211

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.5	60.7#
89	1.3	40.0	60.0#

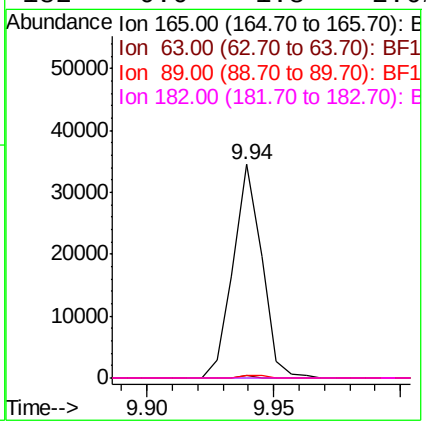


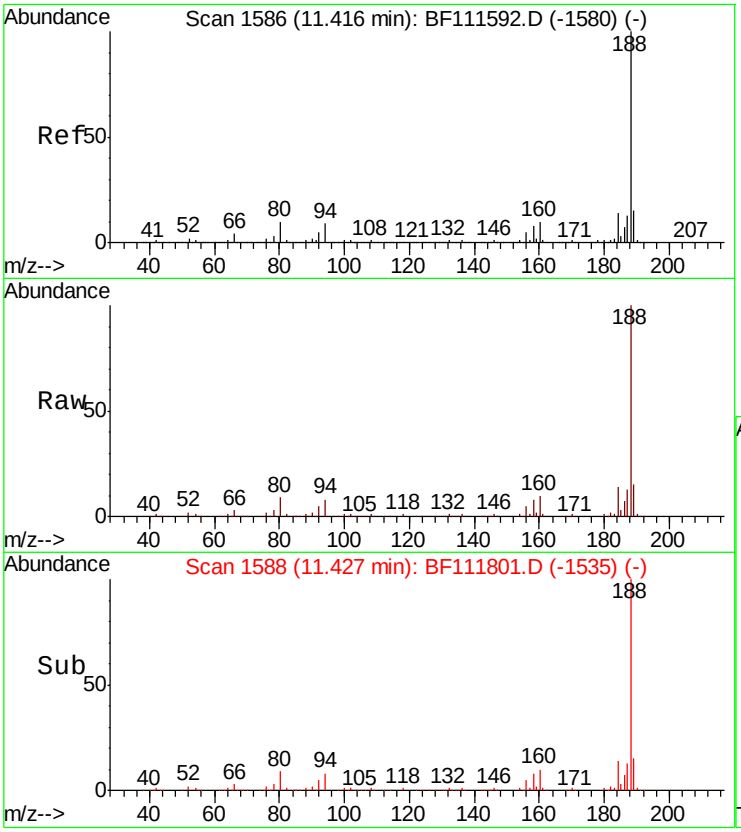


#57
2,4-Dinitrotoluene
Concen: 7.143 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion:165 Resp: 27211

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



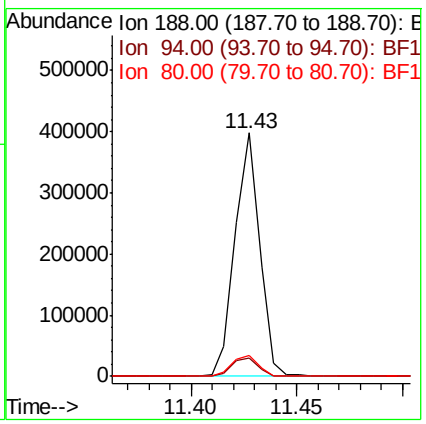


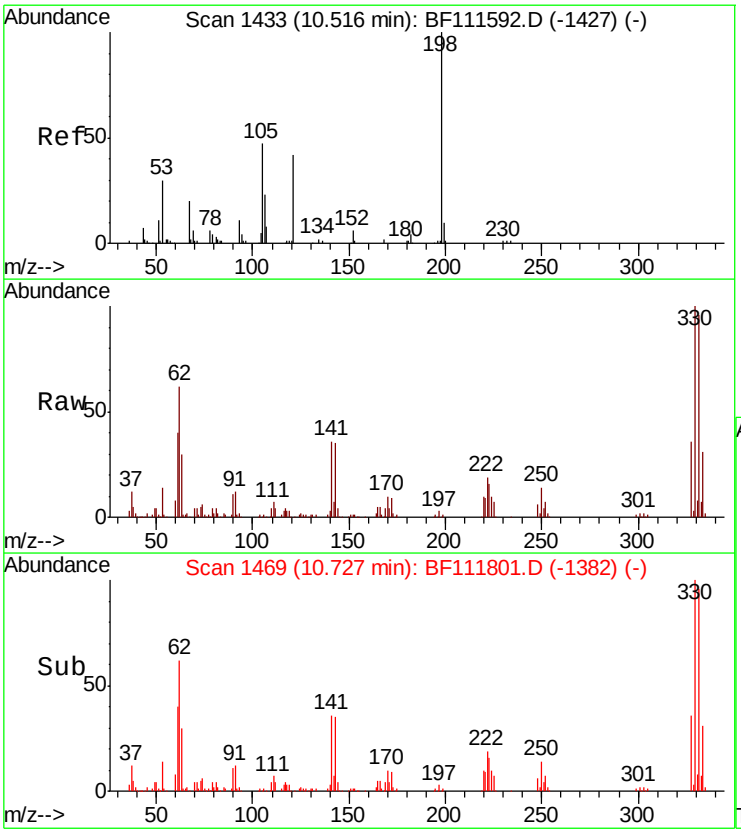
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion:188 Resp: 322154

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.6	14.4#
80	8.8	9.8	14.6#

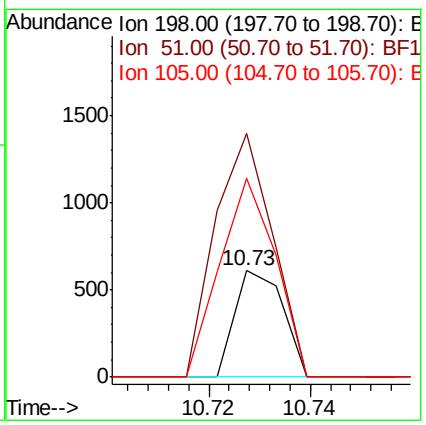


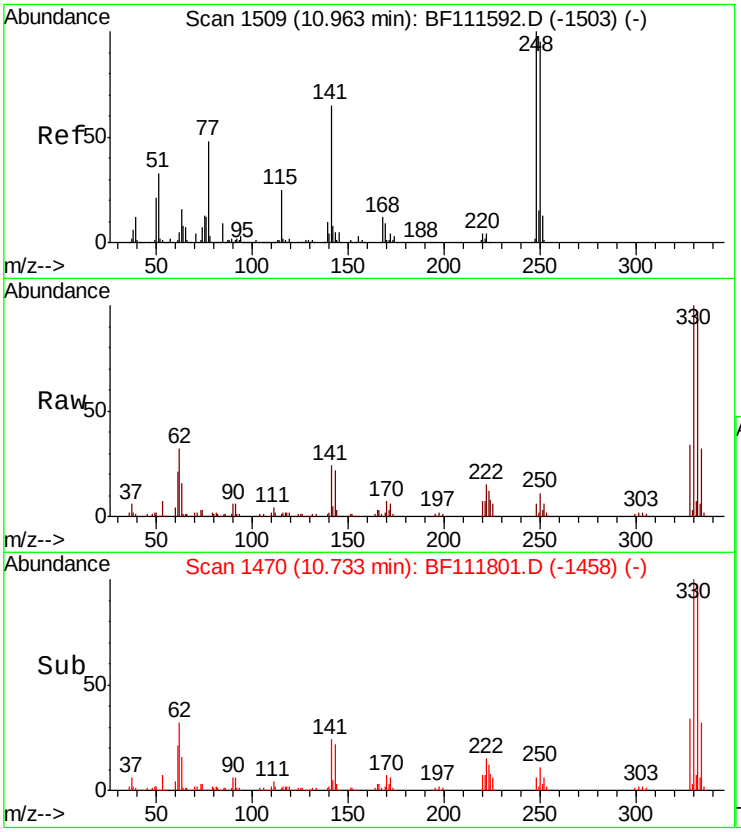


#65
4,6-Dinitro-2-methylphenol
Concen: 6.952 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion:198 Resp: 401

Ion	Ratio	Lower	Upper
198	100		
51	229.4	48.0	88.0#
105	187.8	34.0	74.0#



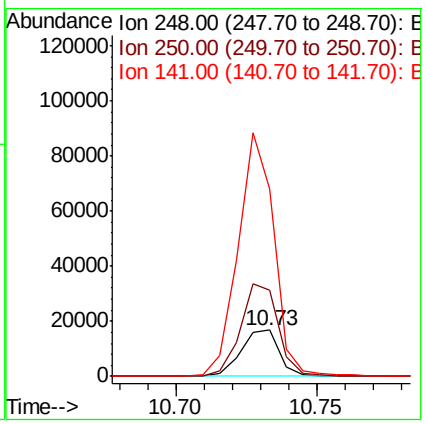


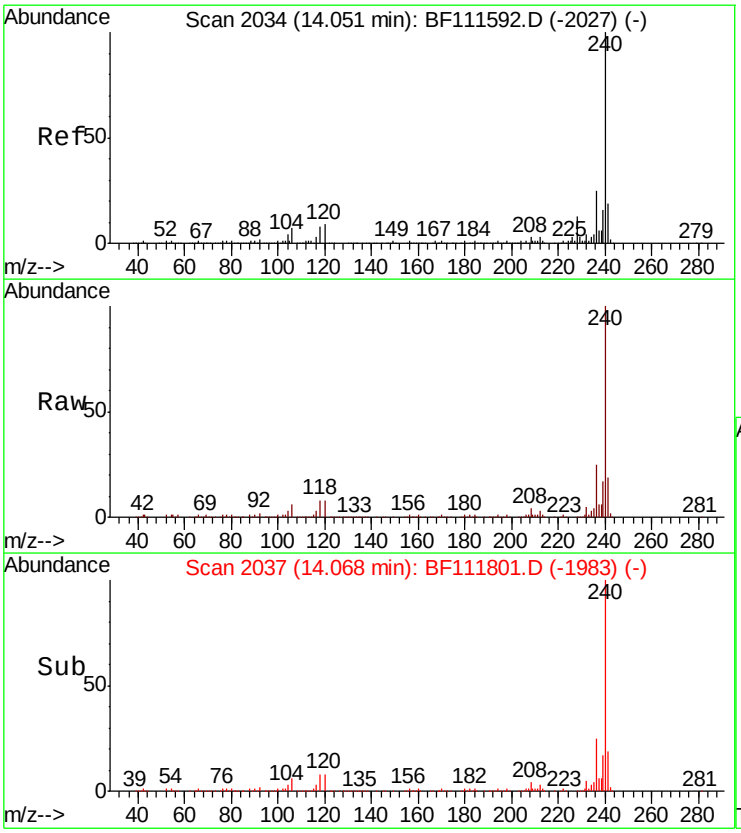
#67
4-Bromophenyl-phenylether
Concen: 3.882 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.23 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion:248 Resp: 15513

Ion	Ratio	Lower	Upper
248	100		
250	186.7	77.0	115.4#
141	407.9	63.0	94.6#

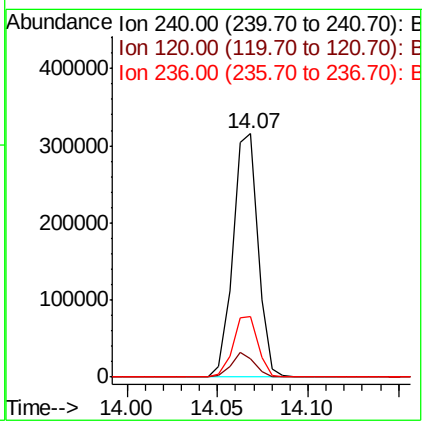


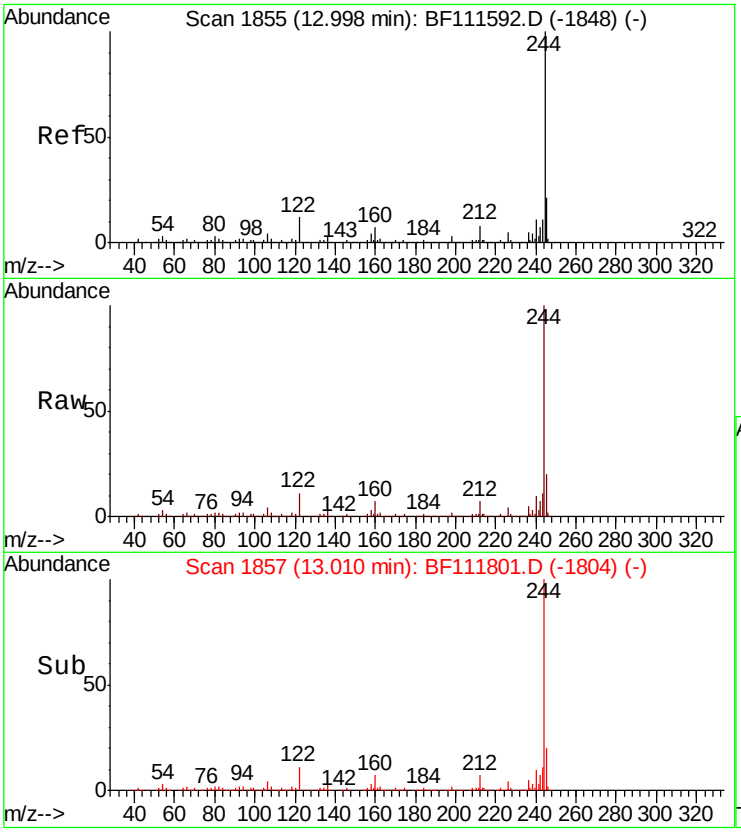


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion:240 Resp: 303342

Ion	Ratio	Lower	Upper
240	100		
120	7.7	12.2	18.2#
236	24.9	20.2	30.2



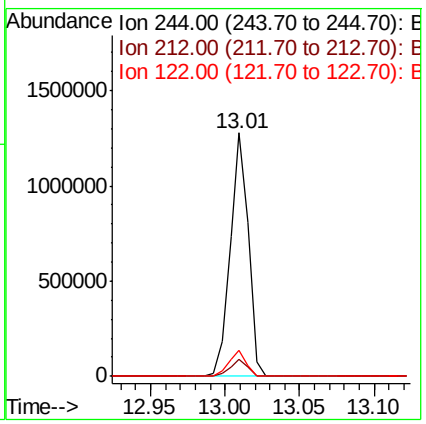


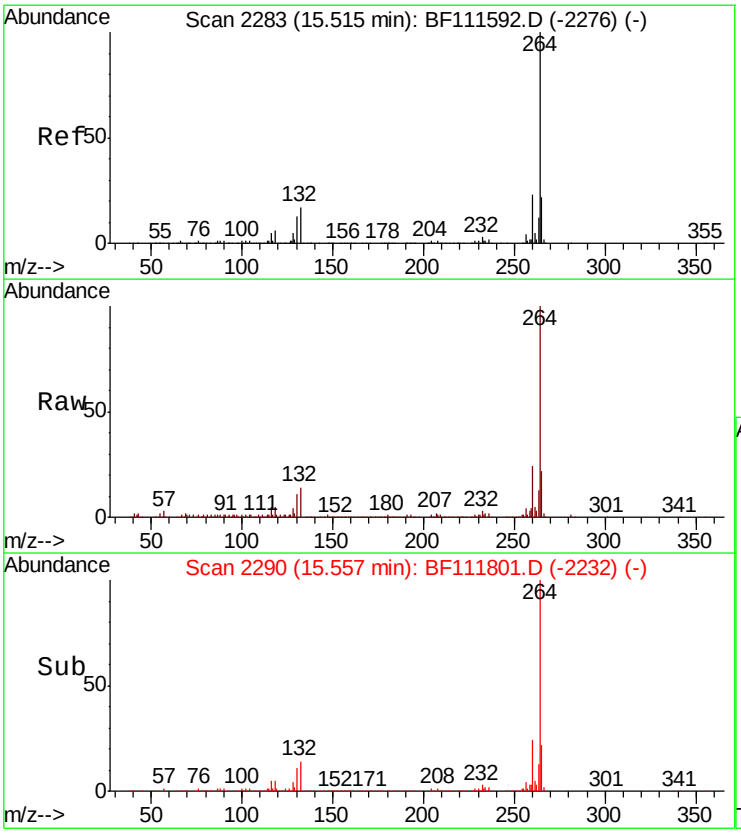
#79
Terphenyl-d14
Concen: 68.608 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Instrument :
BNA_F
ClientSampleId :
PB116072BL

Tgt Ion:244 Resp: 1097424

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.5	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111801.D
Acq: 28 Dec 2018 20:56

Tgt Ion:264 Resp: 222288

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	22.0	17.7	26.5