Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111705.D
Acq On : 21 Dec 2018 23:26
Operator : JU/SJ
Sample : PB115917BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115917BL

Quant Time: Dec 22 00:47:34 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	145457	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	491942	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	210703	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	356599	20.00	ng	0.00
76) Chrysene-d12	14.06	240	246148	20.00	ng	0.01
87) Perylene-d12	15.54	264	194520	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1114169	130.56	ng	0.02
7) Phenol-d6	6.54	99	1360815	125.30	ng	0.02
23) Nitrobenzene-d5	7.46	82	854393	101.09	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	317146	127.39	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1511203	104.54	ng	0.00
79) Terphenyl-d14	13.01	244	1389815	107.08	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	116435	16.144	ng	# 78
25) Isophorone	7.46	82	854386	56.945	ng	# 64
51) 2,6-Dinitrotoluene	9.94	165	25957	8.449	ng	# 29
57) 2,4-Dinitrotoluene	9.94	165	25957	7.030	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	490	6.979	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	20130	4.551	ng	# 1

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

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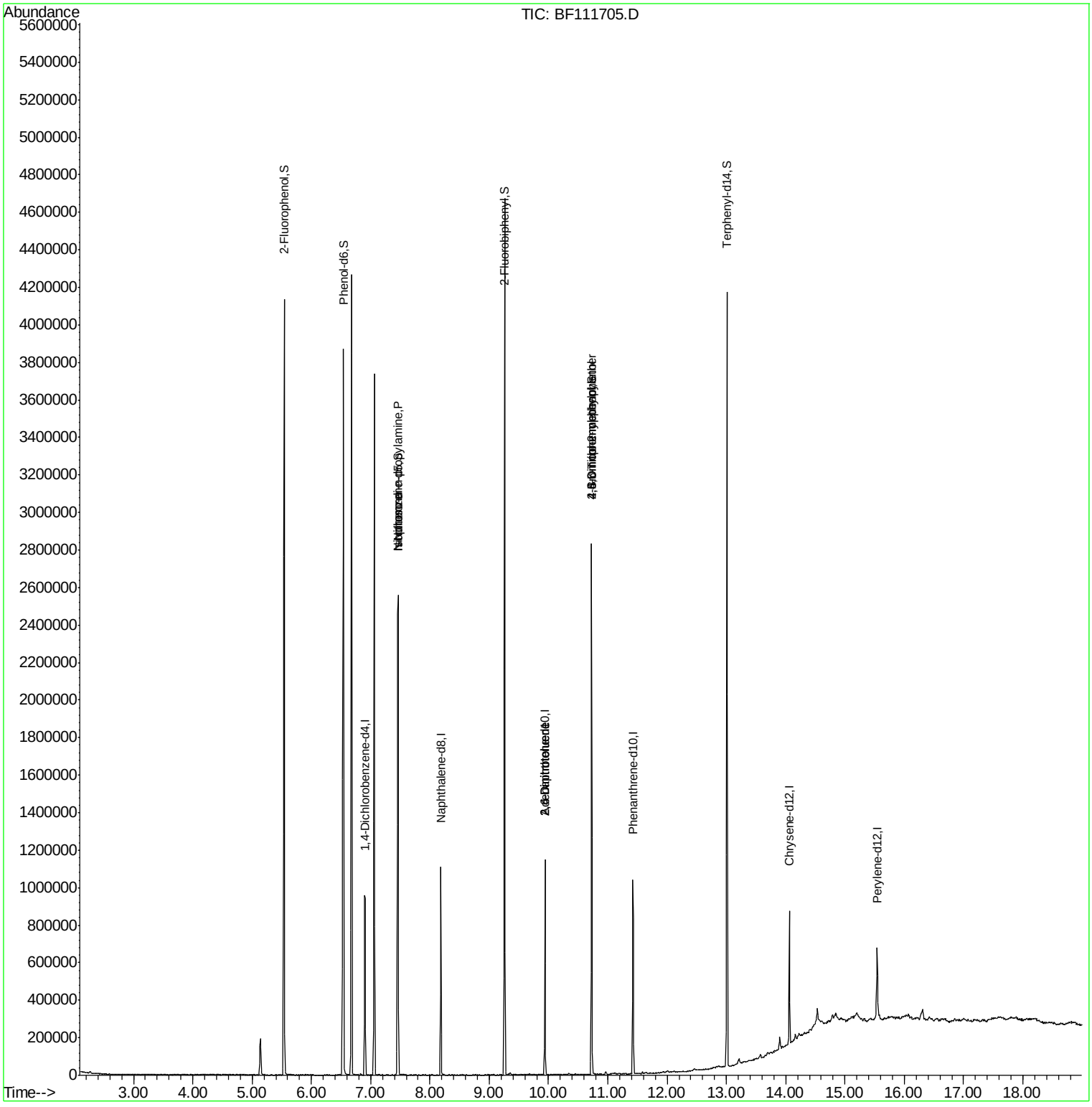
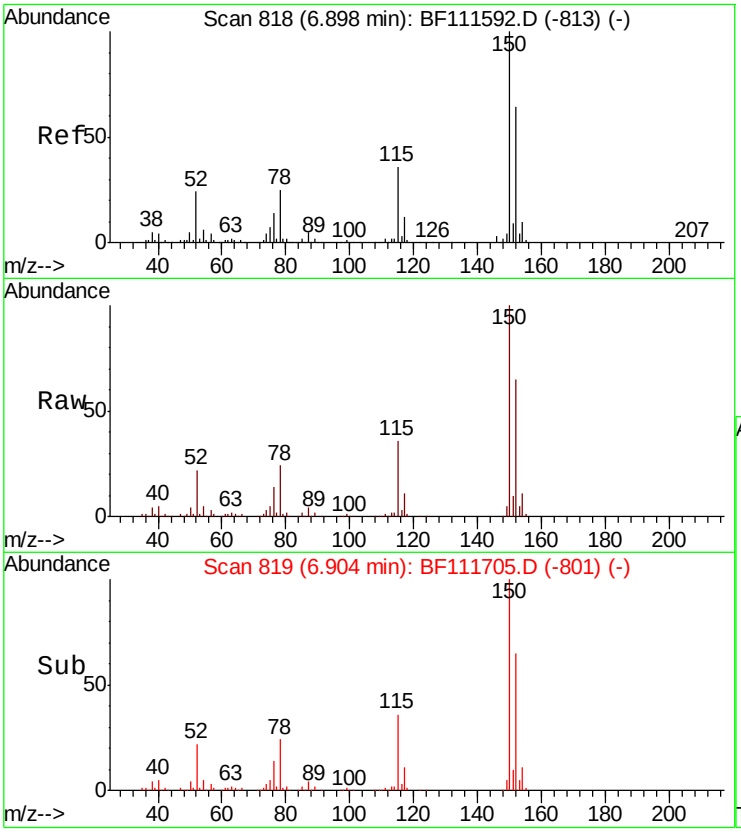


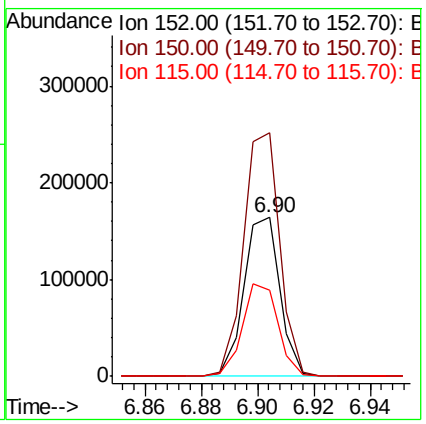


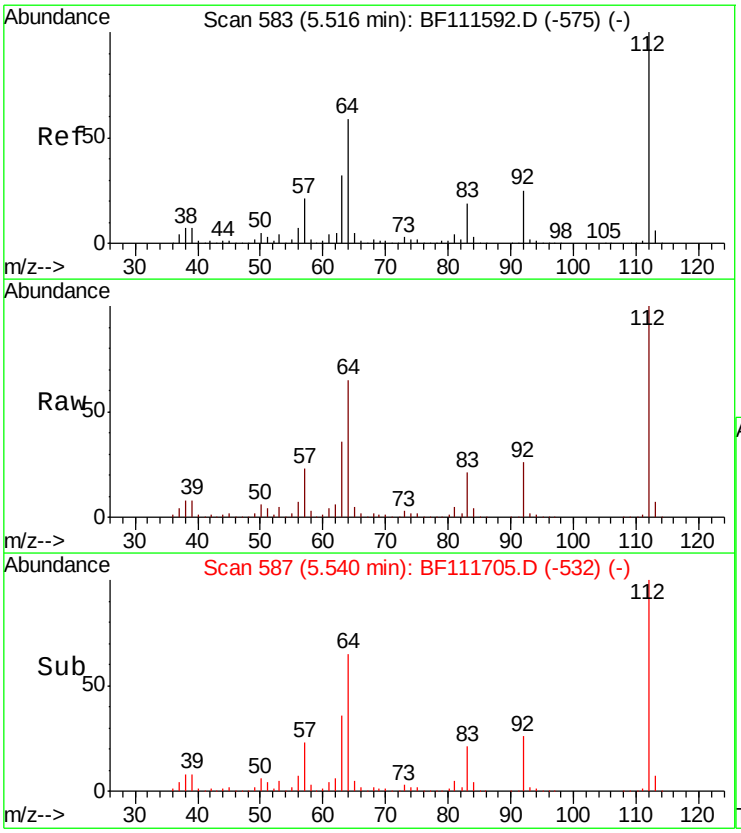
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion:152 Resp: 145457

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	54.4	50.7	76.1

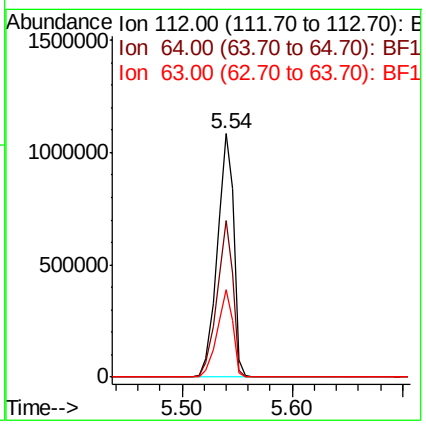


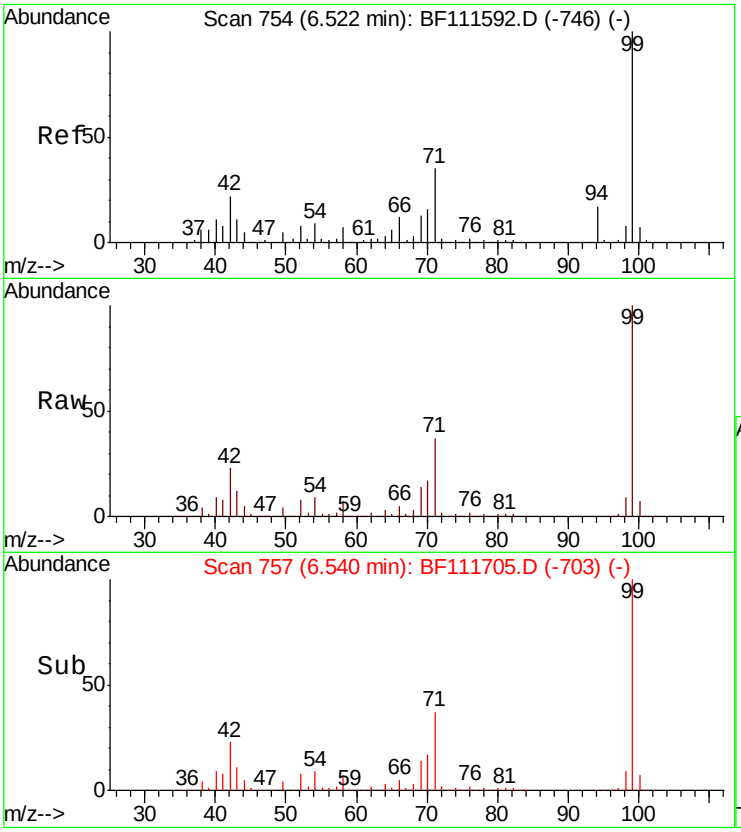


#5
2-Fluorophenol
Concen: 130.564 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:112 Resp: 1114169

Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.8	77.6
63	35.9	26.8	40.2



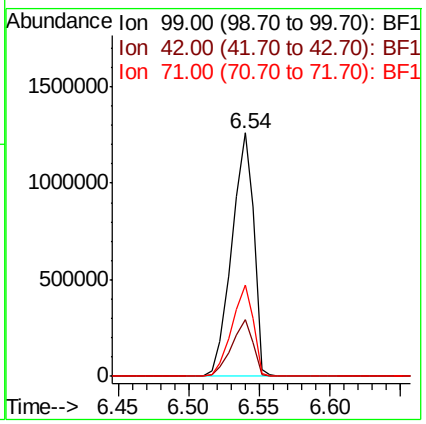


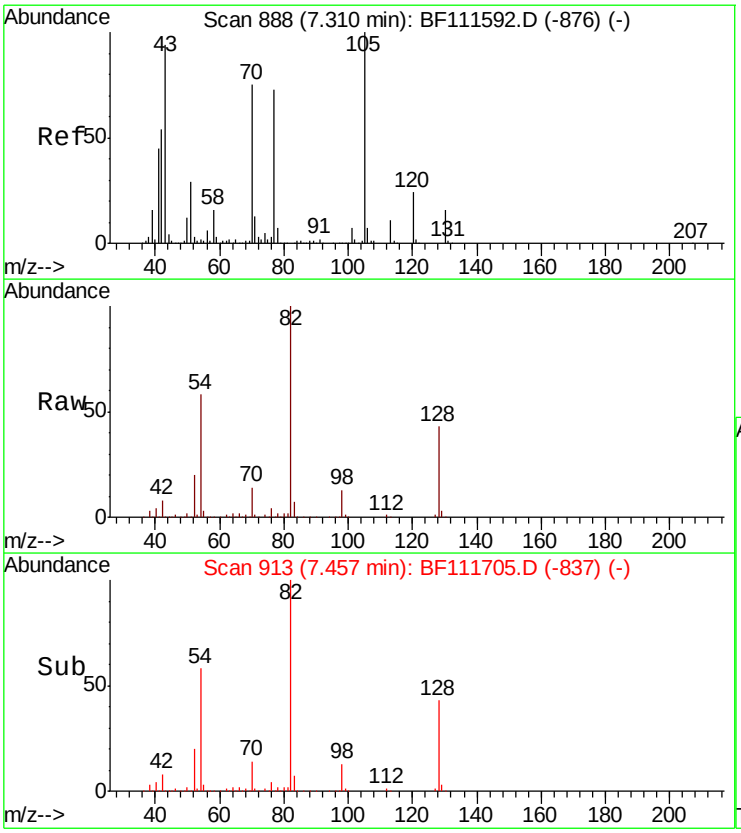
#7
Phenol-d6
Concen: 125.303 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion: 99 Resp: 1360815

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.4	26.0
71	37.3	26.1	39.1

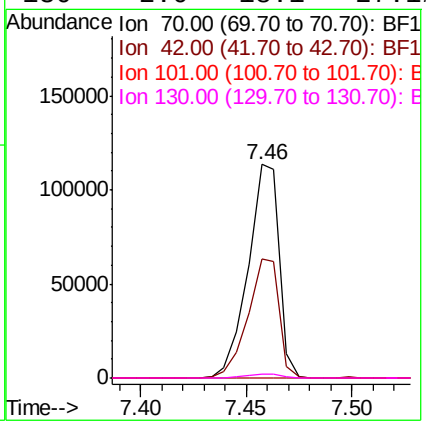


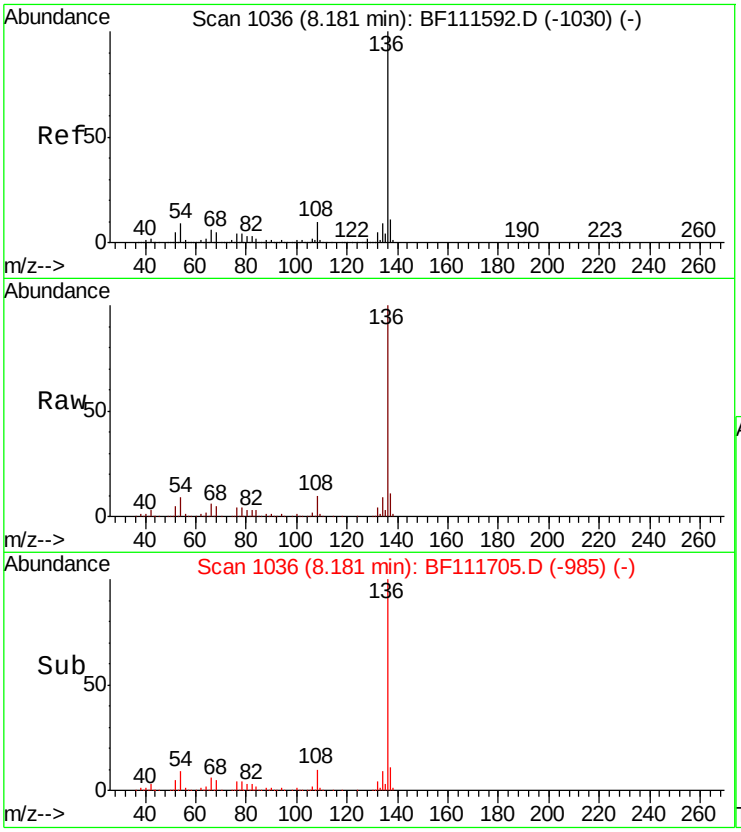


#19
n-Nitroso-di-n-propylamine
Concen: 16.144 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion: 70 Resp: 116435

Ion	Ratio	Lower	Upper
70	100		
42	55.6	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#



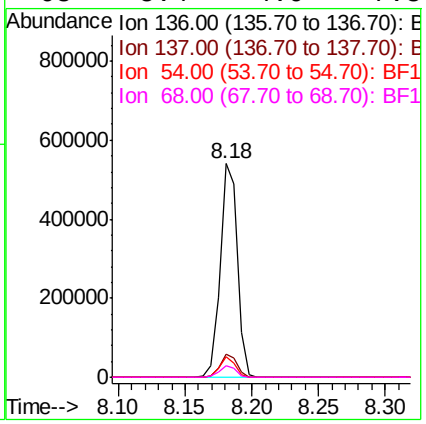


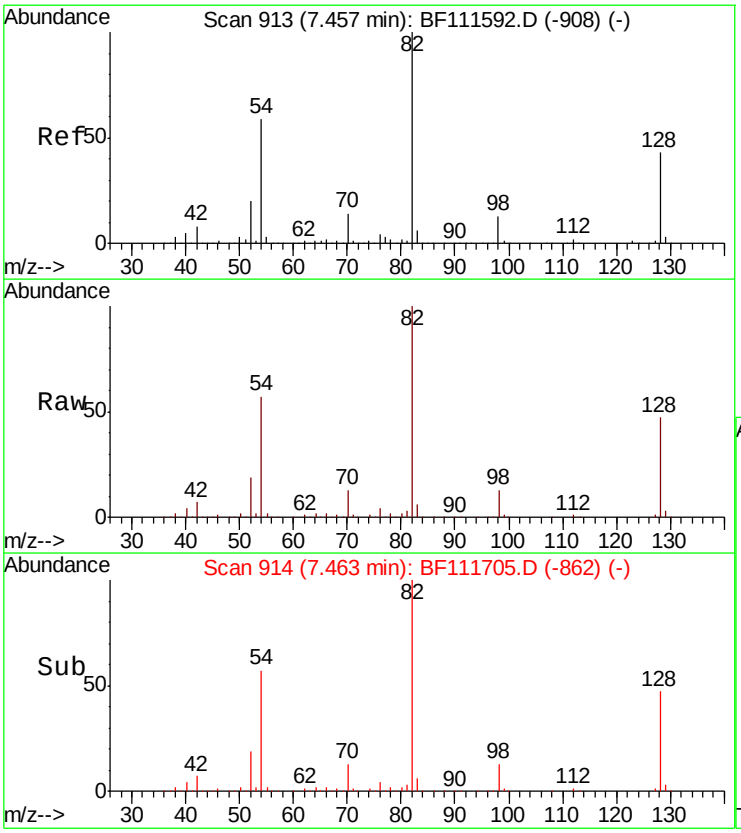
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion:136 Resp: 491942

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.3	7.7	11.5
68	5.4	4.9	7.3

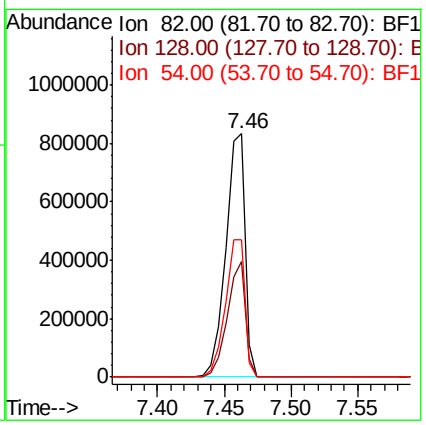


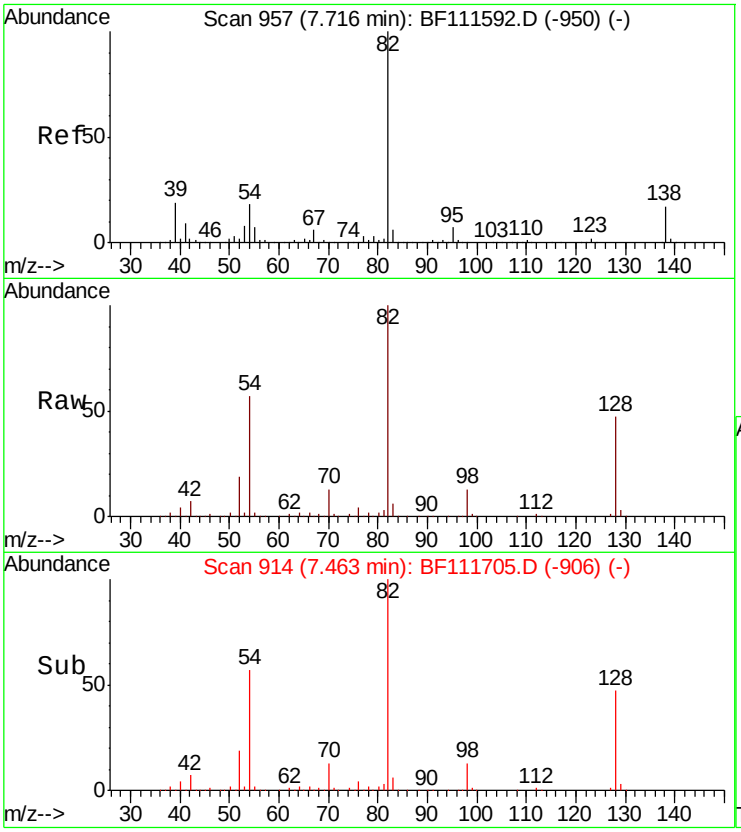


#23
Nitrobenzene-d5
Concen: 101.094 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion: 82 Resp: 854393

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.2
54	56.7	47.6	71.4



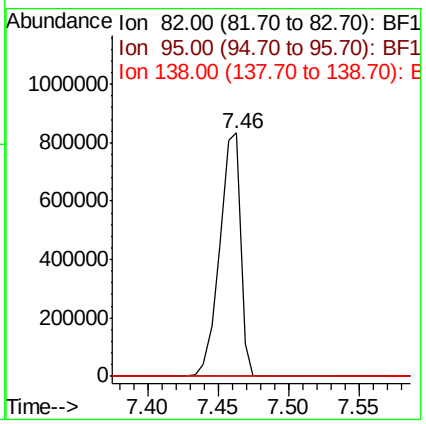


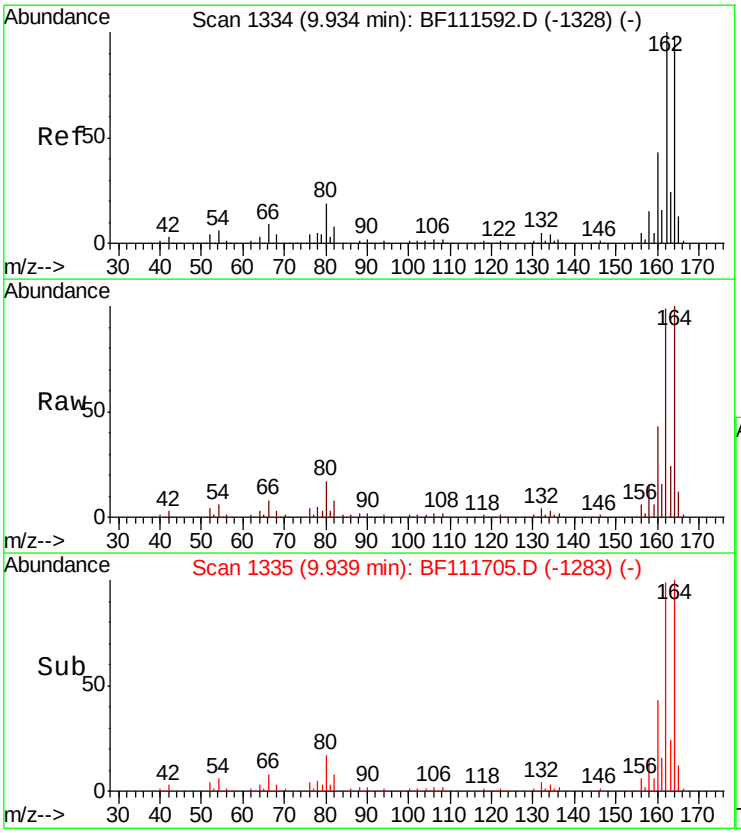
#25
Isophorone
Concen: 56.945 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion: 82 Resp: 854386

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

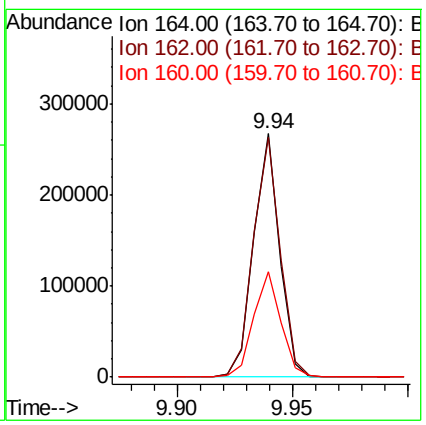


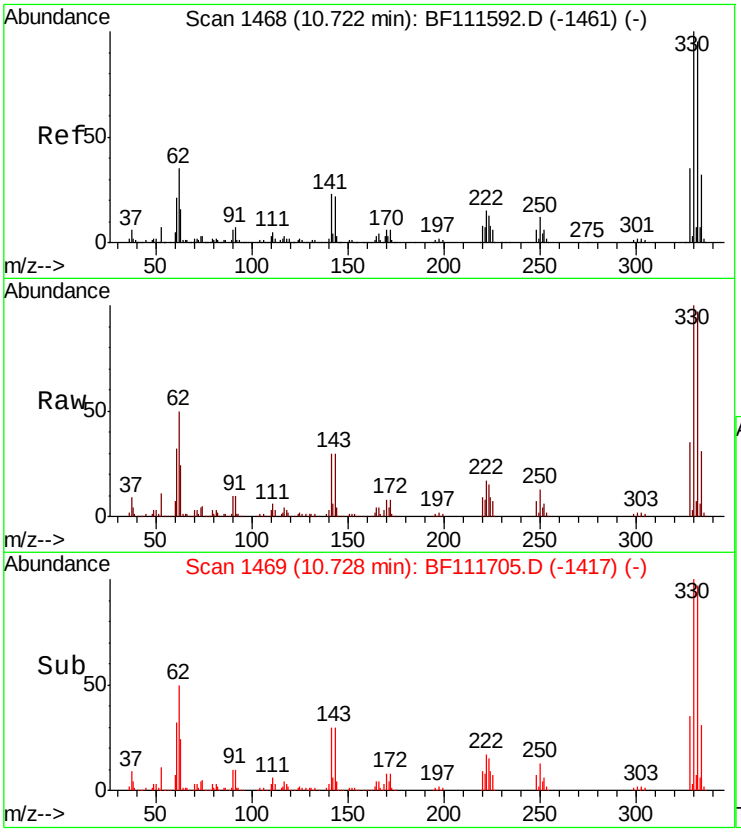


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:164 Resp: 210703

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.4	122.0
160	43.3	35.7	53.5



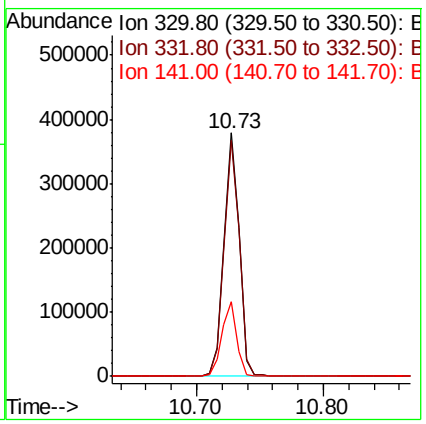


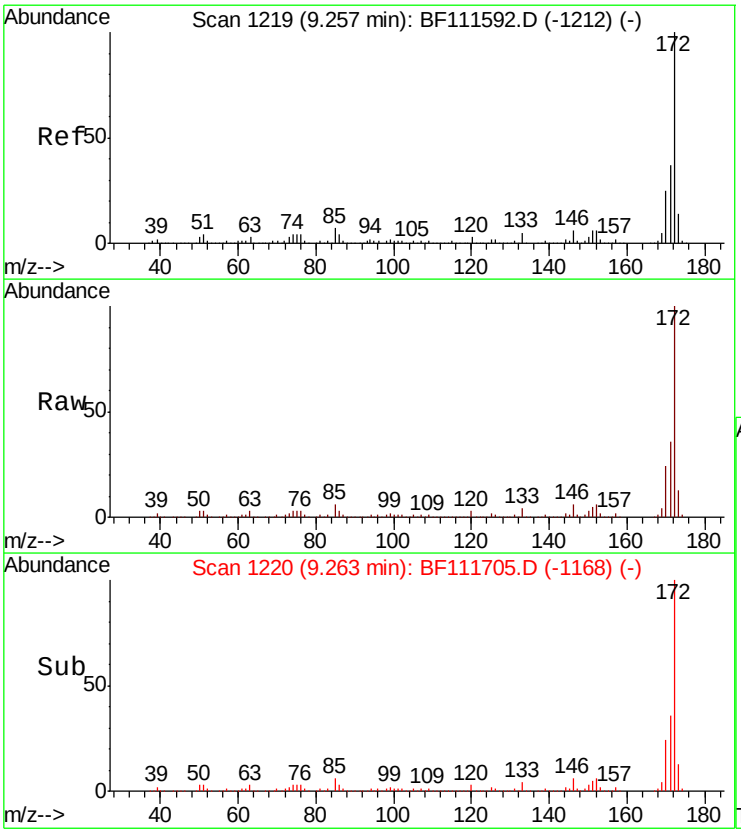
#42
2,4,6-Tribromophenol
Concen: 127.387 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion:330 Resp: 317146

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	30.1	31.0	46.6#

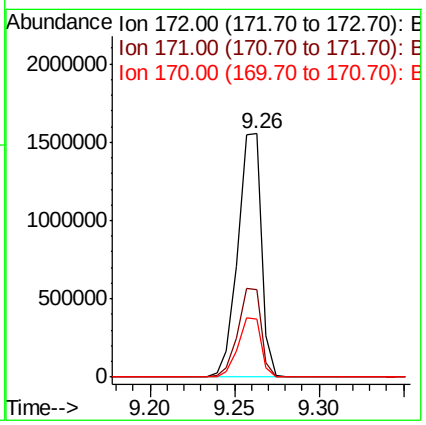


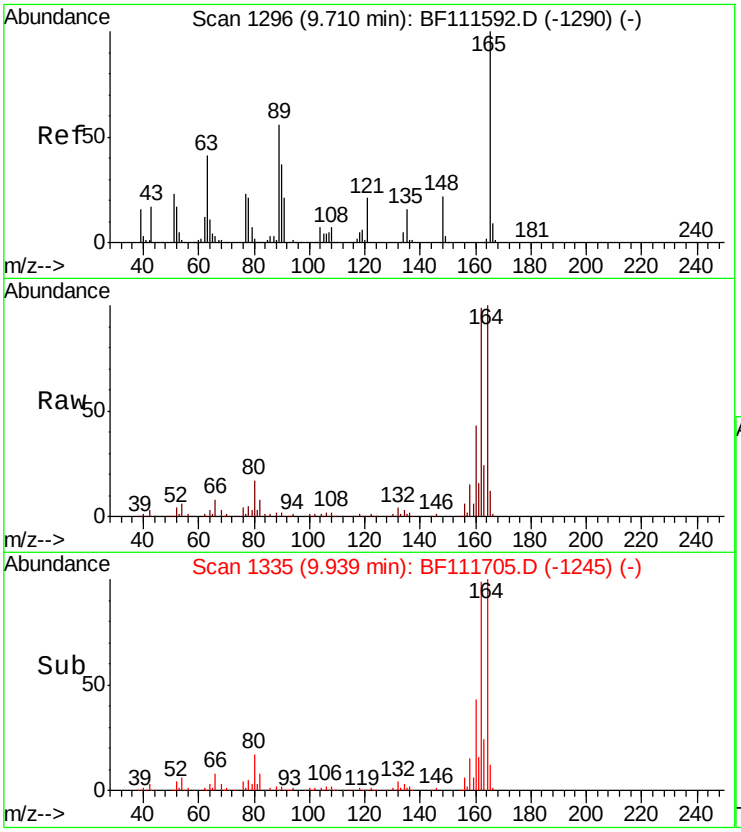


#45
2-Fluorobiphenyl
Concen: 104.540 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:172 Resp: 1511203

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.0	22.3	33.5



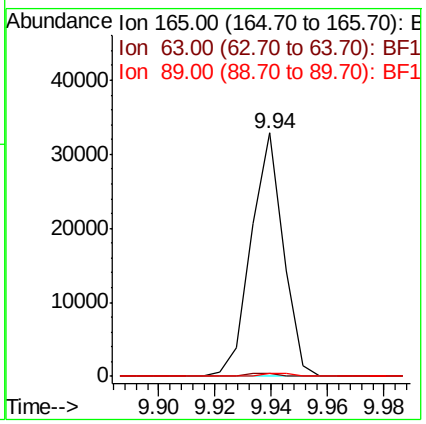


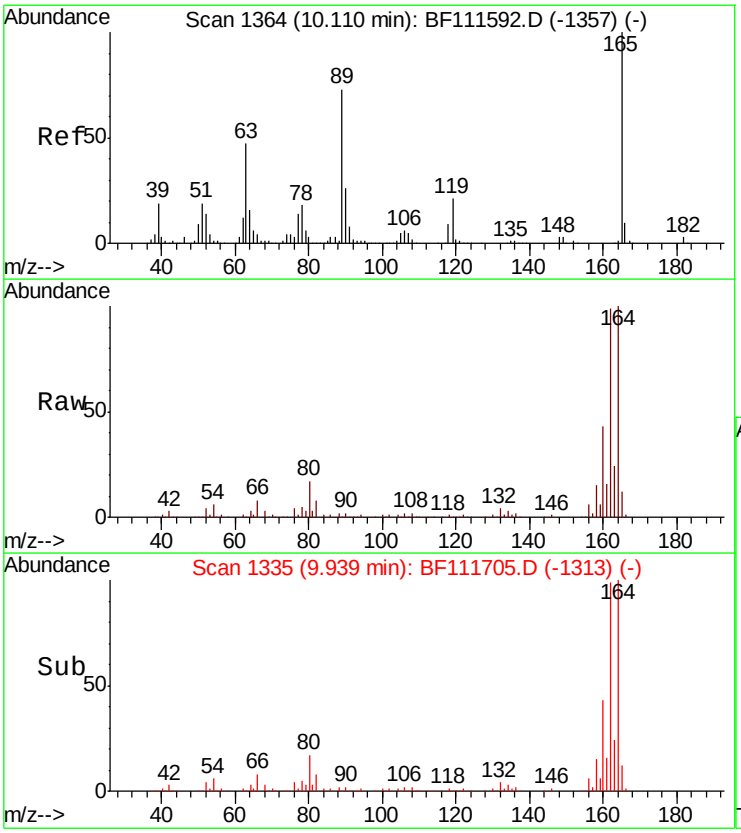
#51
2,6-Dinitrotoluene
Concen: 8.449 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion:165 Resp: 25957

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.5	40.0	60.0#

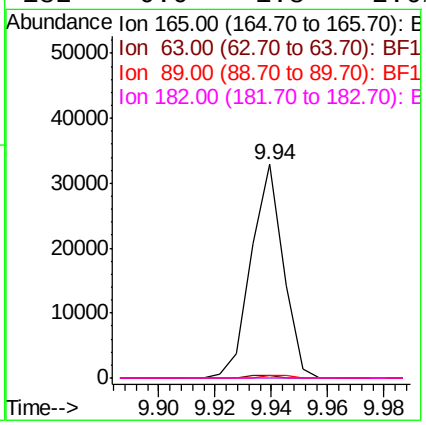


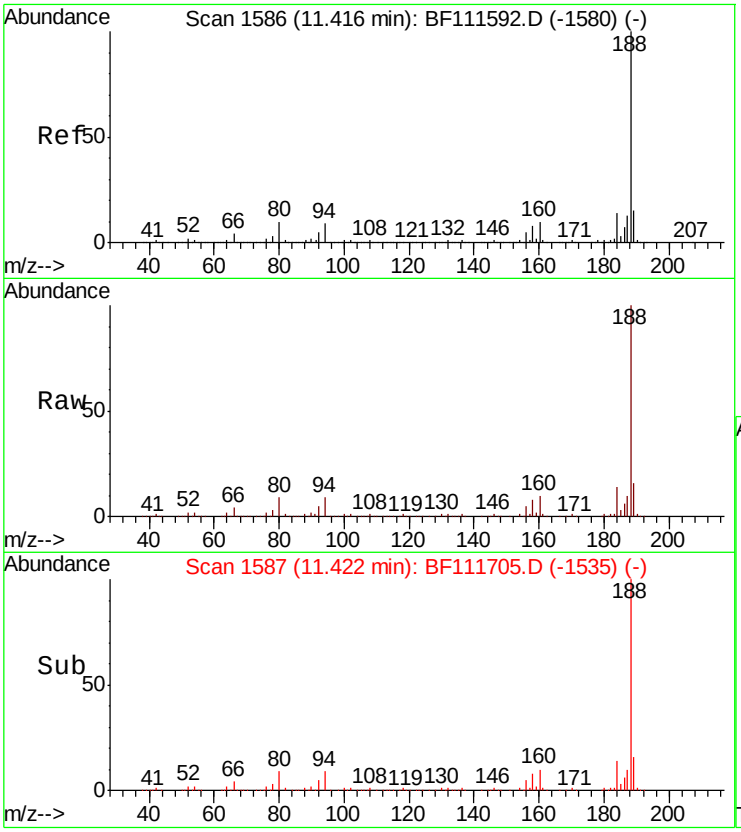


#57
2,4-Dinitrotoluene
Concen: 7.030 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:165 Resp: 25957

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



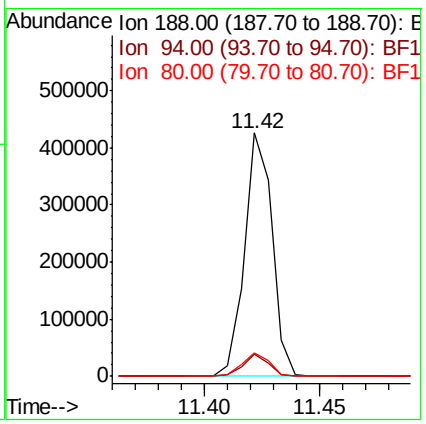


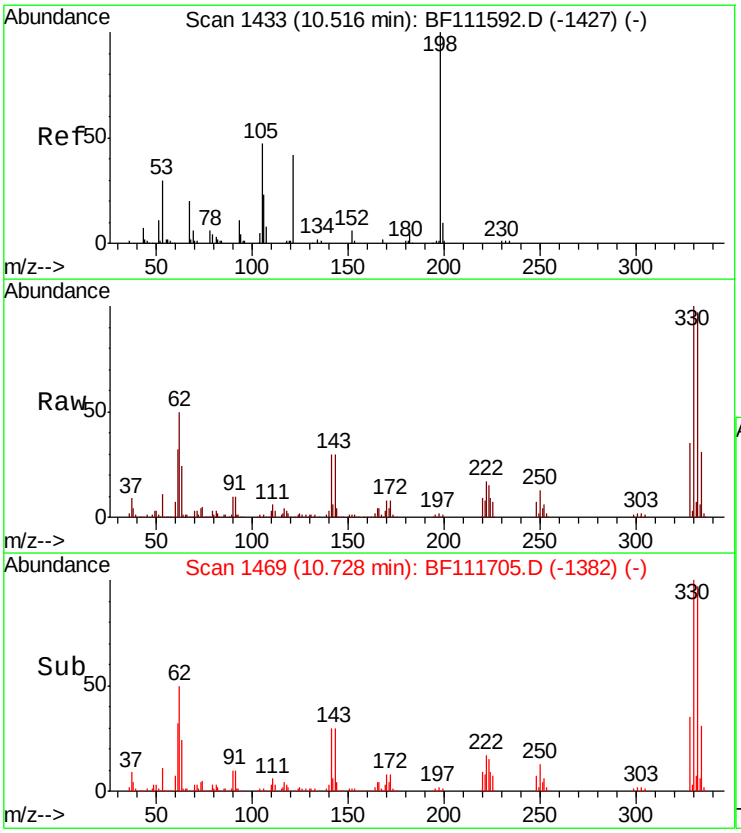
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion:188 Resp: 356599

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.4	9.8	14.6#

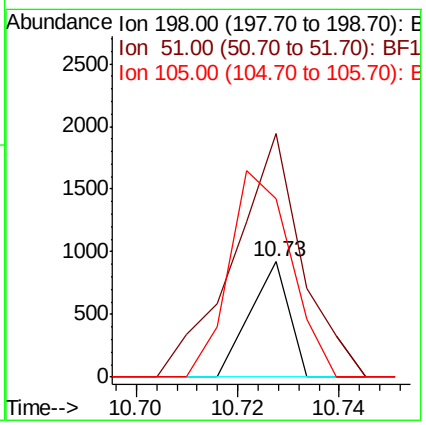


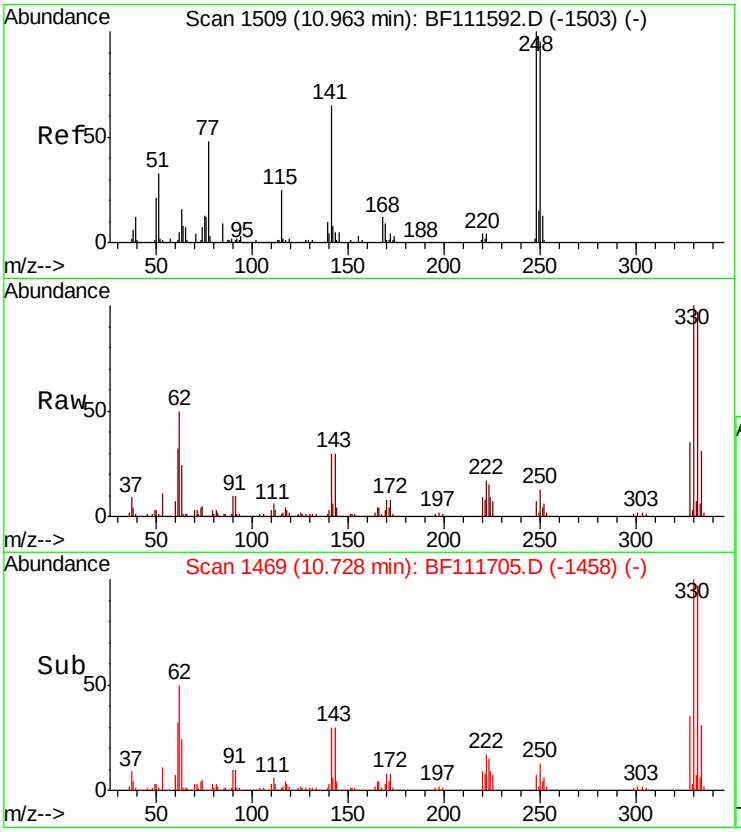


#65
4,6-Dinitro-2-methylphenol
Concen: 6.979 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:198 Resp: 490

Ion	Ratio	Lower	Upper
198	100		
51	210.7	48.0	88.0#
105	154.7	34.0	74.0#



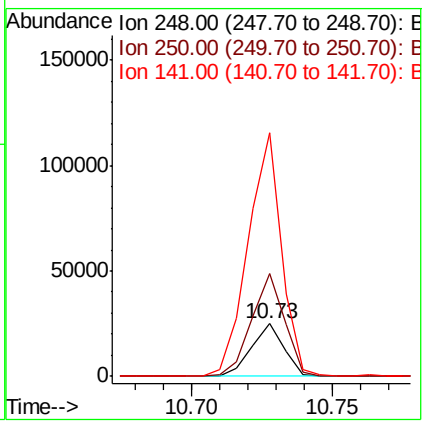


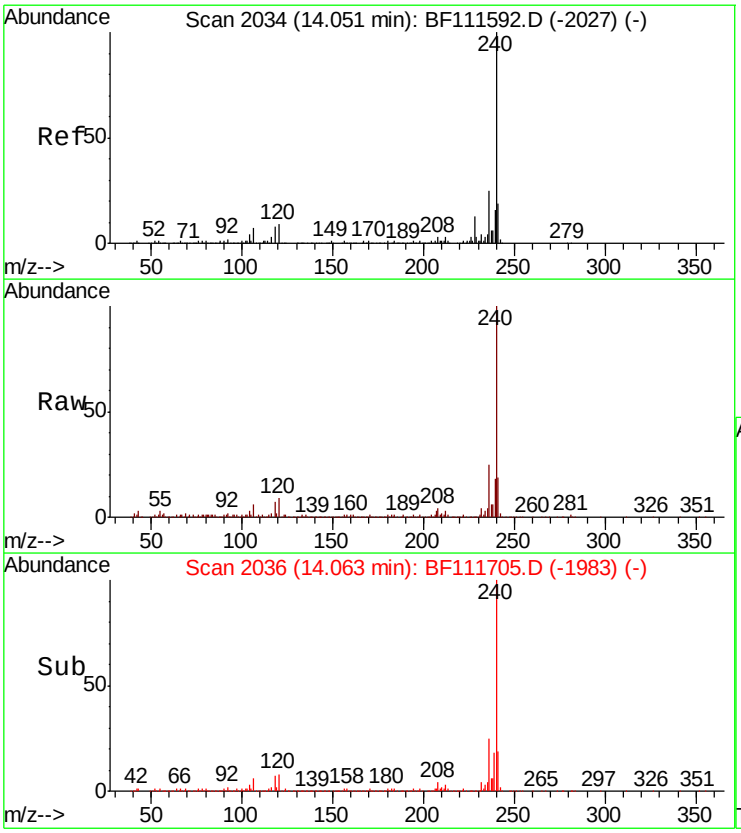
#67
4-Bromophenyl-phenylether
Concen: 4.551 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion:248 Resp: 20130

Ion	Ratio	Lower	Upper
248	100		
250	197.4	77.0	115.4#
141	465.4	63.0	94.6#

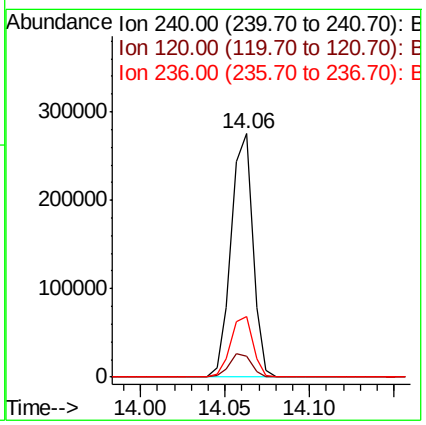


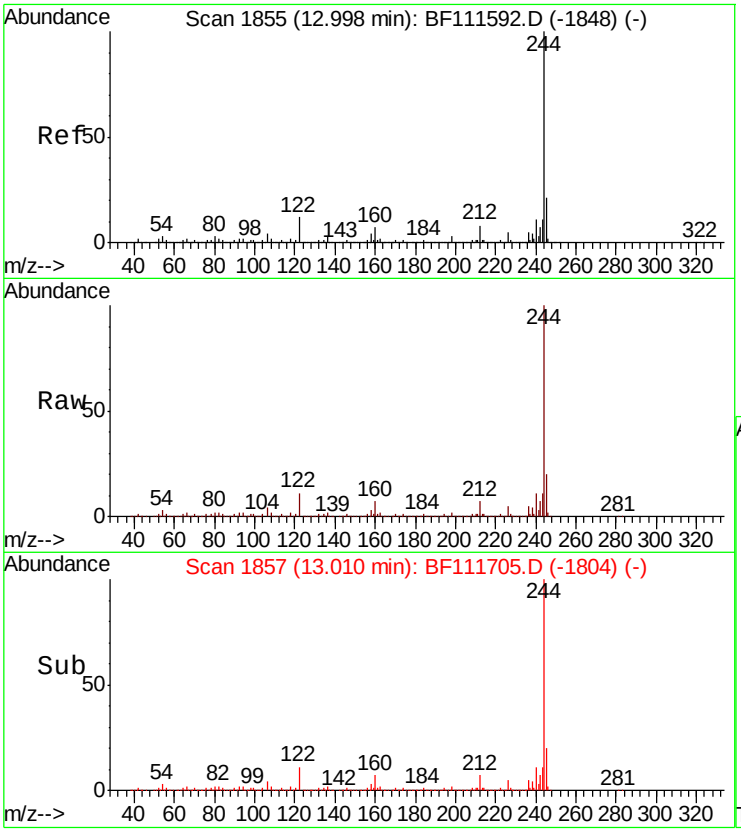


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:240 Resp: 246148

Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.2	18.2#
236	24.8	20.2	30.2



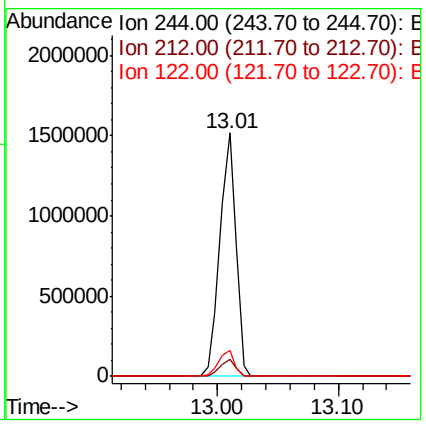


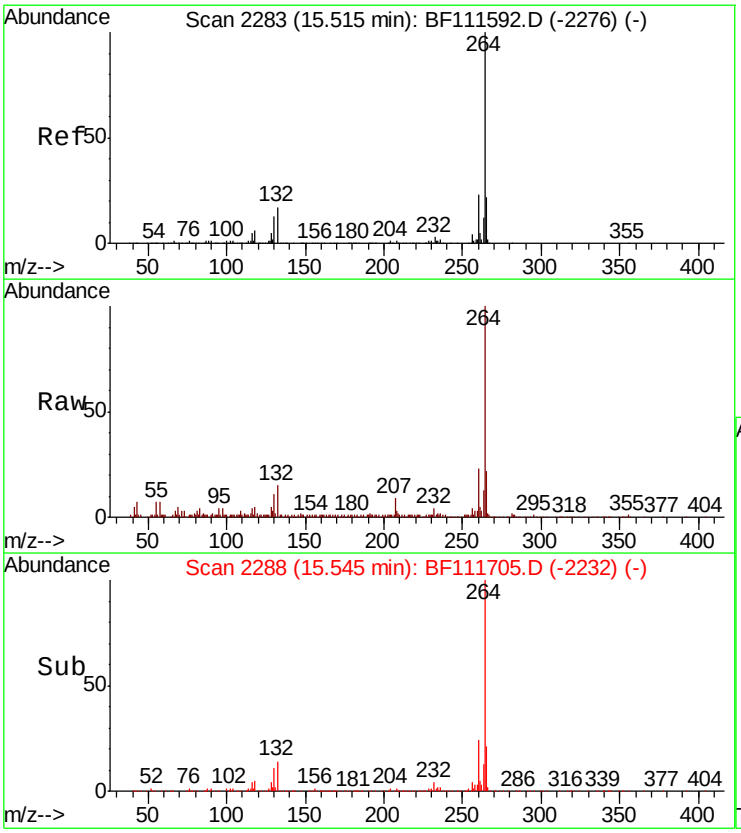
#79
Terphenyl-d14
Concen: 107.077 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion:244 Resp: 1389815

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.7	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:264 Resp: 194520

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.8	17.7	26.5