Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111690.D
Acq On : 21 Dec 2018 16:33
Operator : JU/SJ
Sample : J6447-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS025-0612-01

Quant Time: Dec 21 22:34:14 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	194745	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	696426	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	298861	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	492424	20.00	ng		0.00
76) Chrysene-d12	14.06	240	378997	20.00	ng		0.01
87) Perylene-d12	15.56	264	273630	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1164543	101.93	ng		0.01
7) Phenol-d6	6.53	99	1455190	100.08	ng		0.01
23) Nitrobenzene-d5	7.46	82	915225	76.50	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	334627	94.76	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1546839	75.44	ng		0.00
79) Terphenyl-d14	13.00	244	1297469	64.92	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.55	94	117800	7.180	ng		94
19) n-Nitroso-di-n-propylamine	7.46	70	128266	13.283	ng	#	78
25) Isophorone	7.46	82	912298	42.951	ng	#	64
32) Benzoic acid	7.89	122	32771	4.944	ng		95
50) Dimethylphthalate	9.65	163	156354	7.154	ng		100
57) 2,4-Dinitrotoluene	9.93	165	40374	7.709	ng	#	26
65) 4,6-Dinitro-2-methylphenol	10.72	198	725	6.999	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	20590	3.371	ng	#	1
77) Benzidine	12.73	184	53297	3.737	ng	#	71

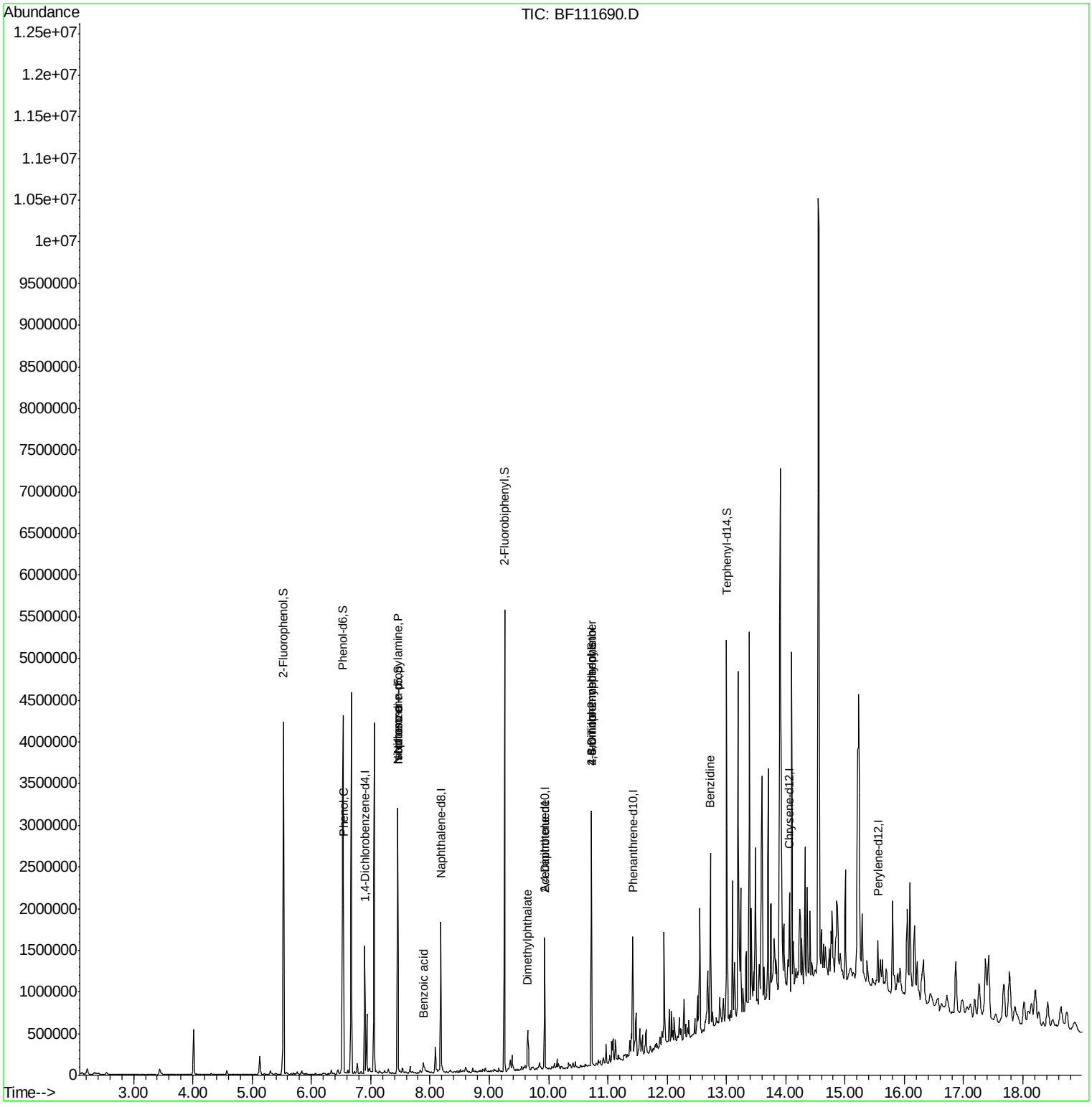
(#) = qualifier out of range (m) = manual integration (+) = signals summed

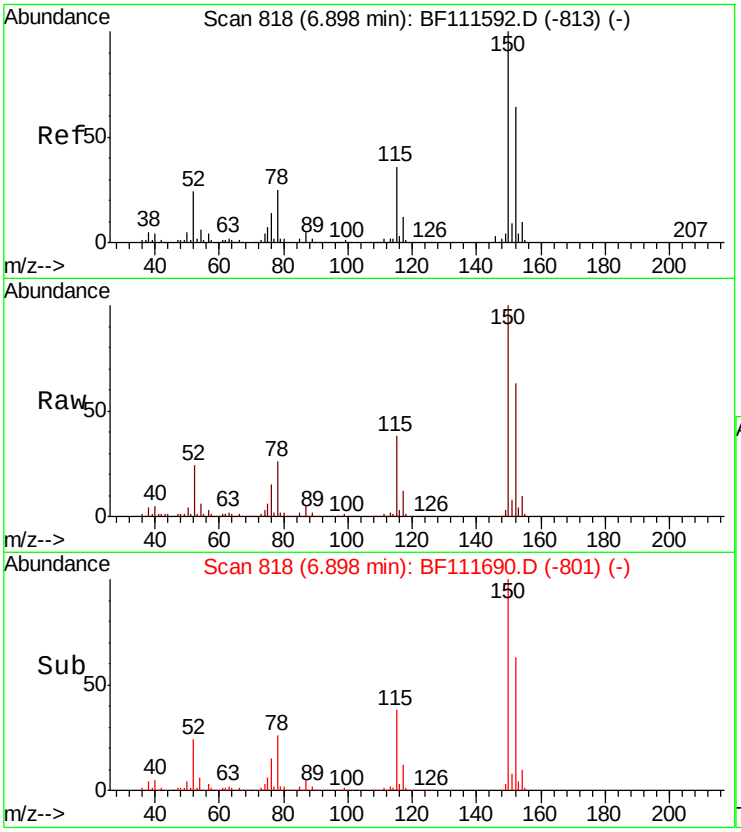
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111690.D
Acq On : 21 Dec 2018 16:33
Operator : JU/SJ
Sample : J6447-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Quant Time: Dec 21 22:34:14 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



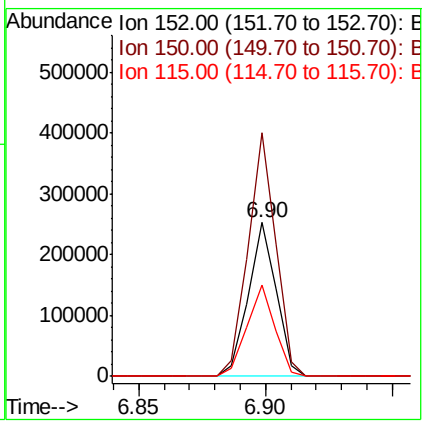


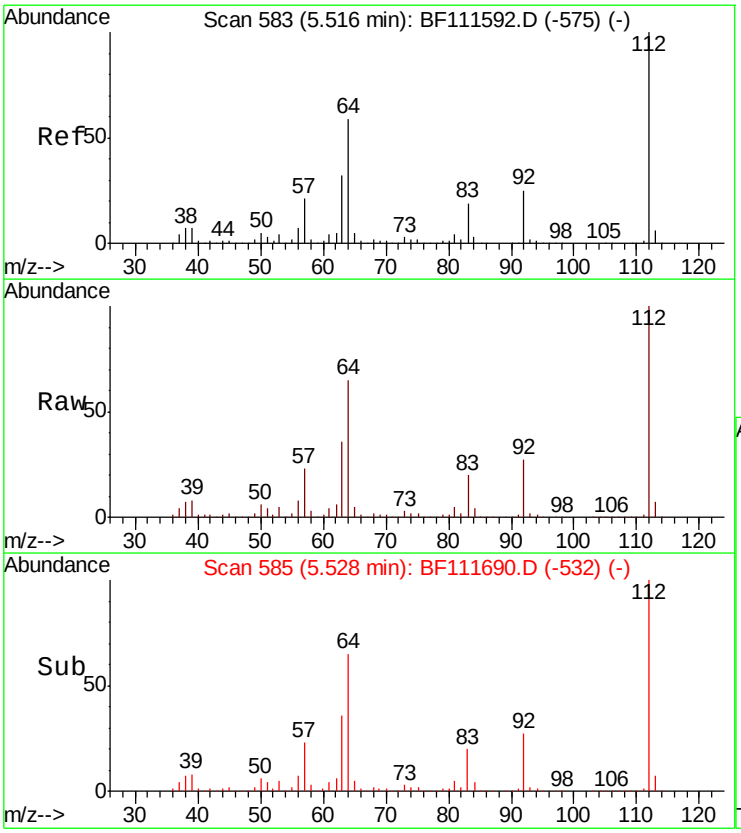
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:152 Resp: 194745

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	189.8
115	59.5	50.7	76.1

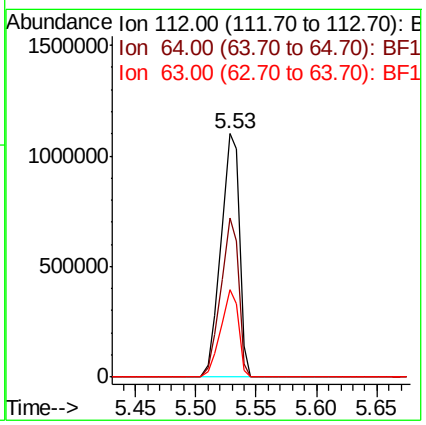


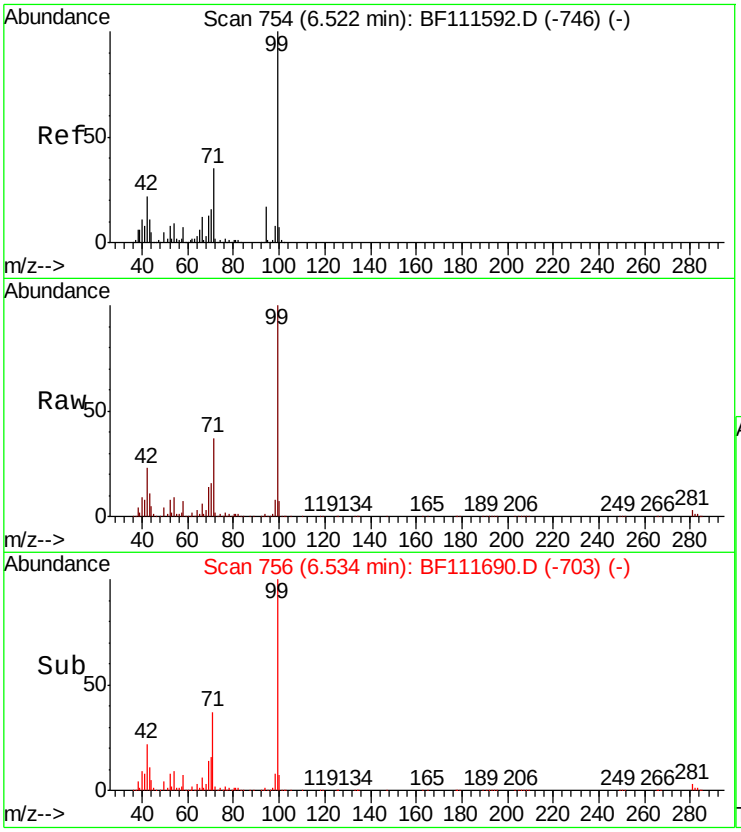


#5
2-Fluorophenol
Concen: 101.928 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:112 Resp: 1164543

Ion	Ratio	Lower	Upper
112	100		
64	65.4	51.8	77.6
63	36.0	26.8	40.2



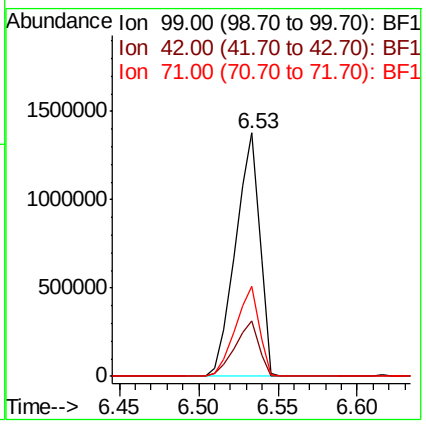


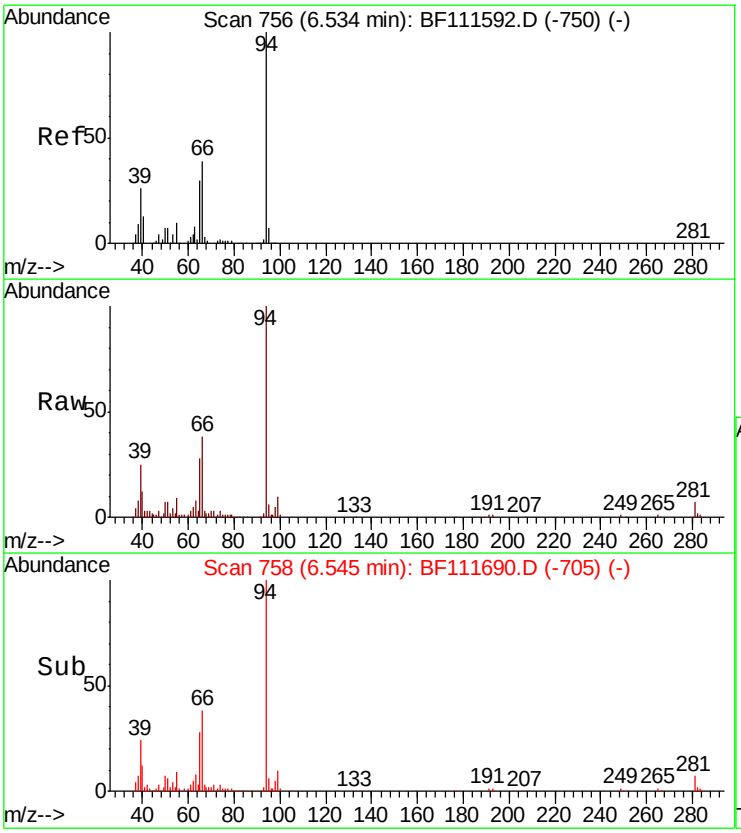
#7
Phenol-d6
Concen: 100.081 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 99 Resp: 1455190

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	36.7	26.1	39.1

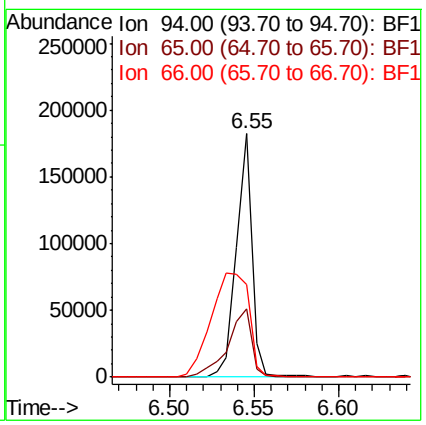


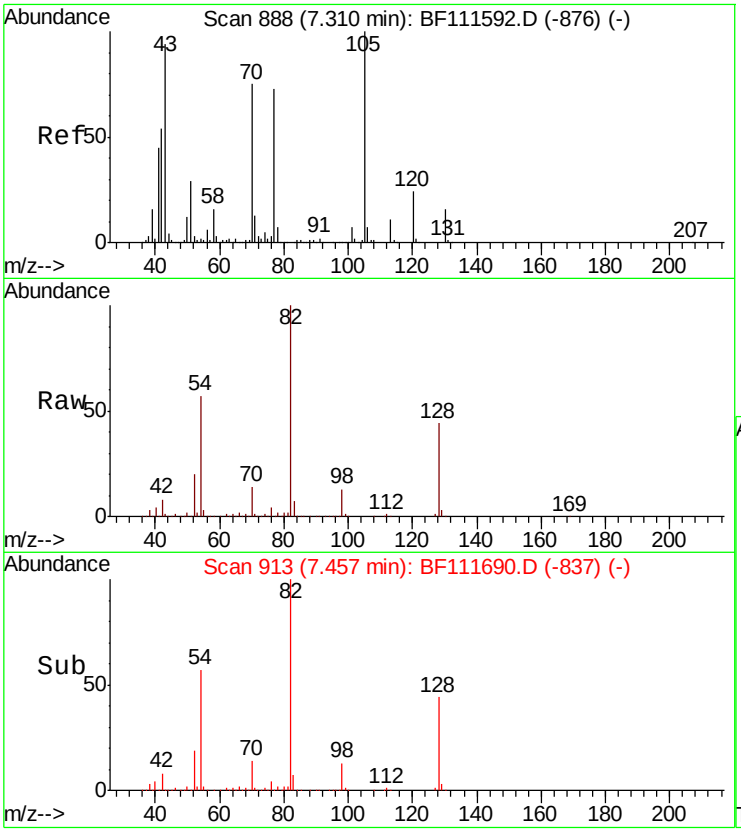


#10
Phenol
Concen: 7.180 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion: 94 Resp: 117800

Ion	Ratio	Lower	Upper
94	100		
65	27.8	11.7	51.7
66	38.0	21.0	61.0



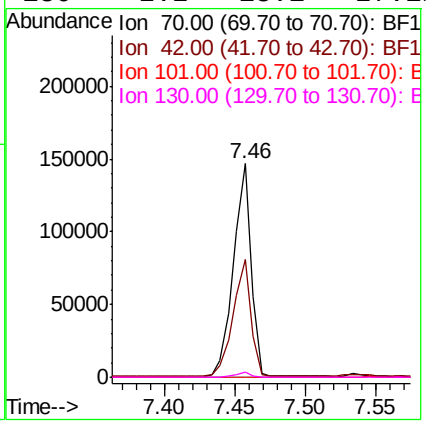


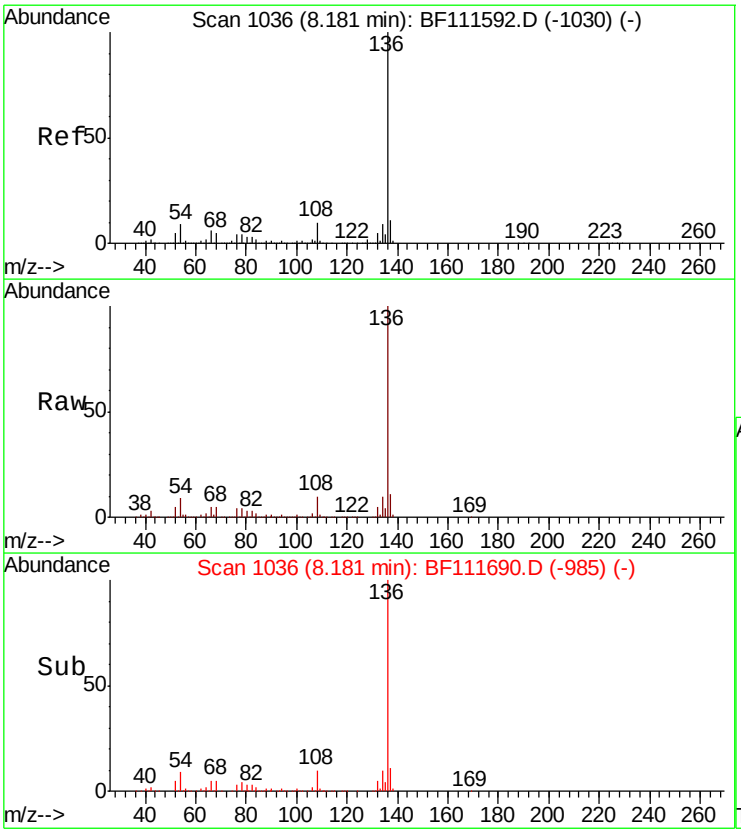
#19
n-Nitroso-di-n-propylamine
Concen: 13.283 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 70 Resp: 128266

Ion	Ratio	Lower	Upper
70	100		
42	55.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

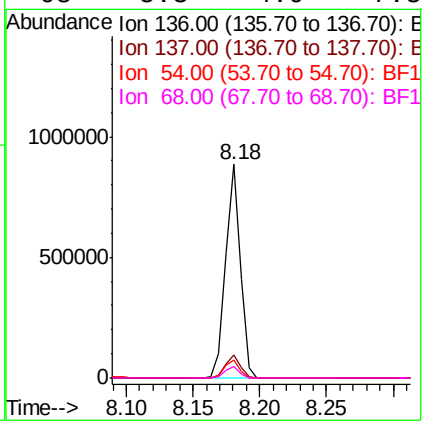


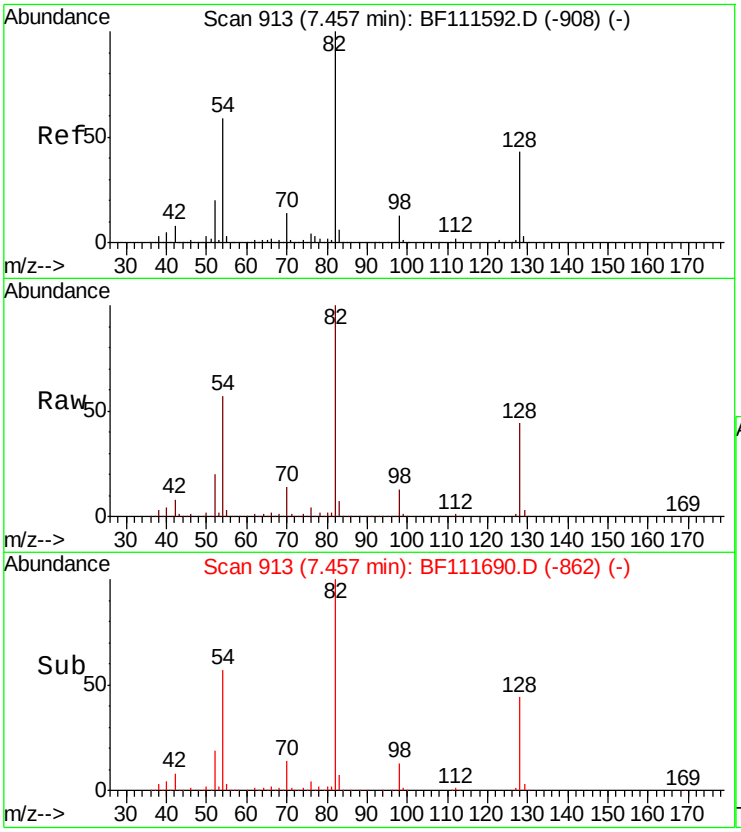


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:136 Resp: 696426

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.6	7.7	11.5
68	5.3	4.9	7.3



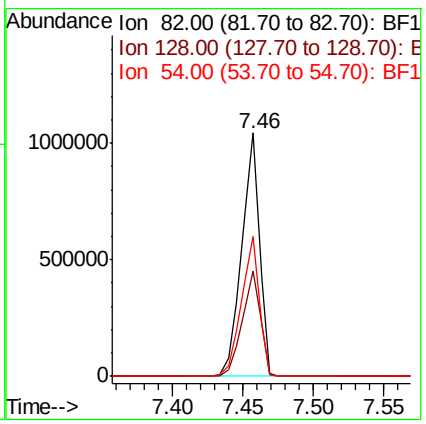


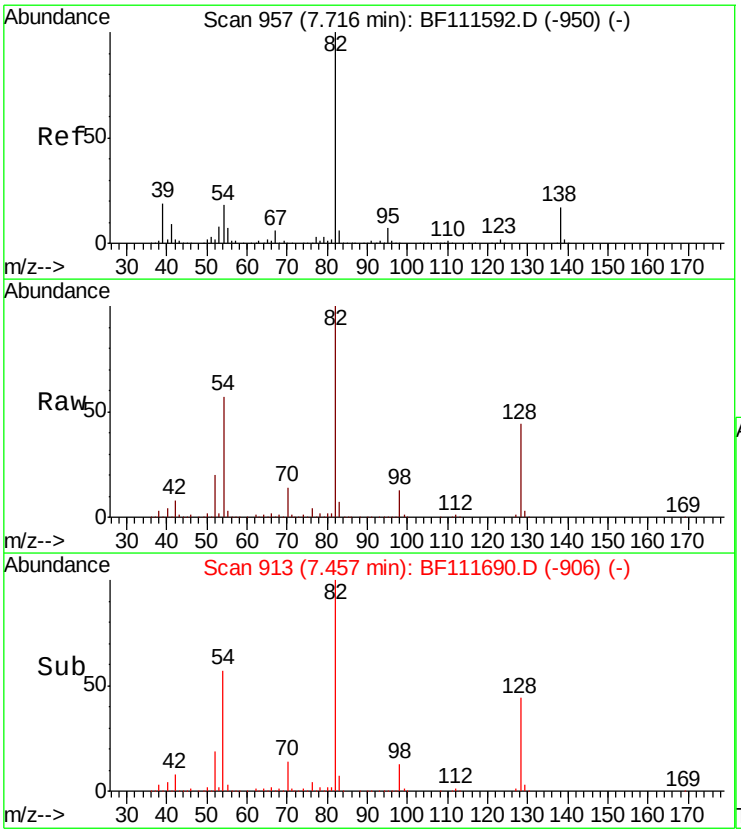
#23
Nitrobenzene-d5
Concen: 76.495 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 82 Resp: 915225

Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.4	56.2
54	57.3	47.6	71.4

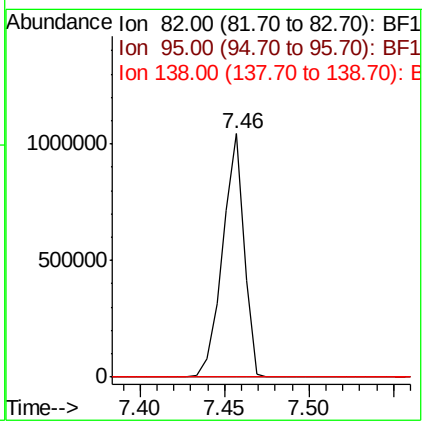


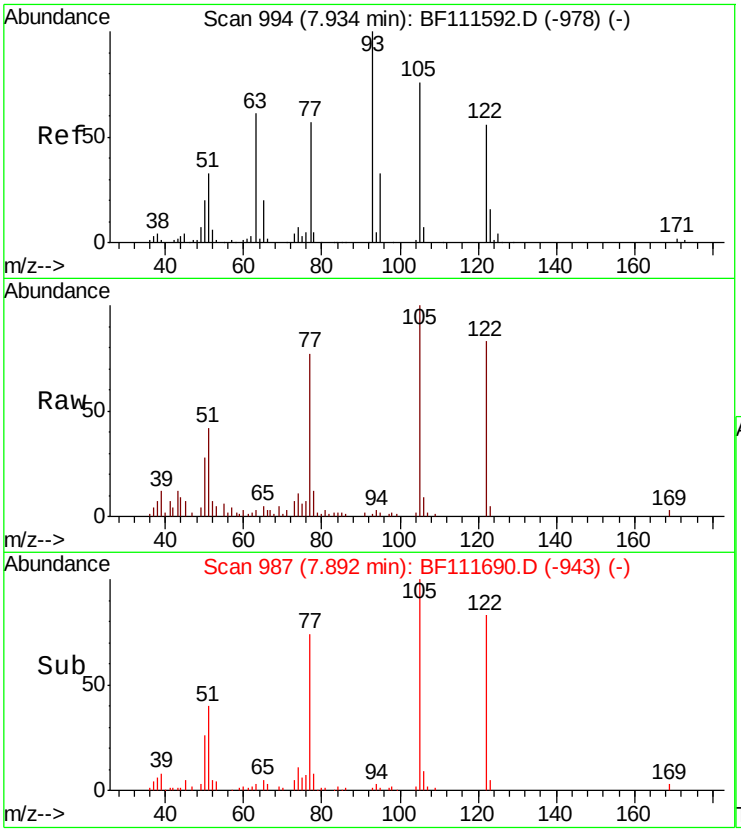


#25
Isophorone
Concen: 42.951 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion: 82 Resp: 912298

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



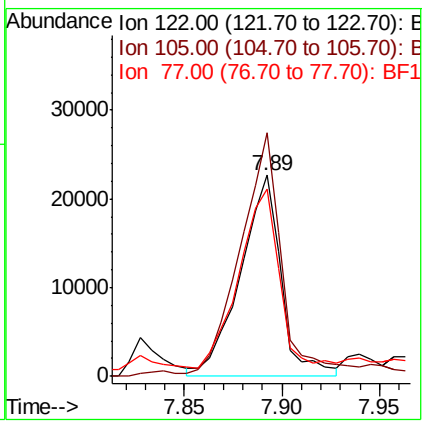


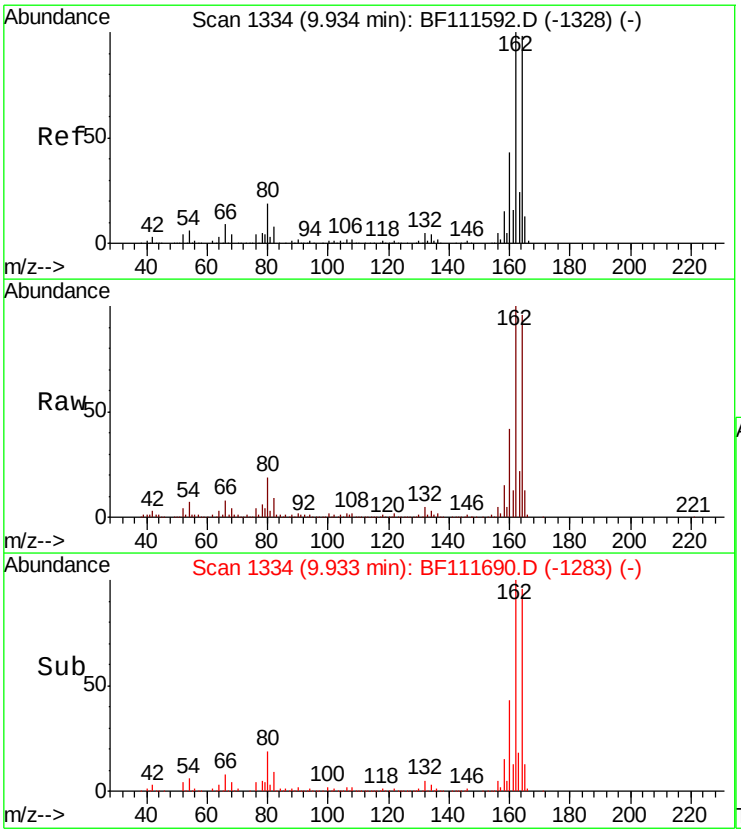
#32
Benzoic acid
Concen: 4.944 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:122 Resp: 32771

Ion	Ratio	Lower	Upper
122	100		
105	120.9	97.0	137.0
77	92.7	65.7	105.7

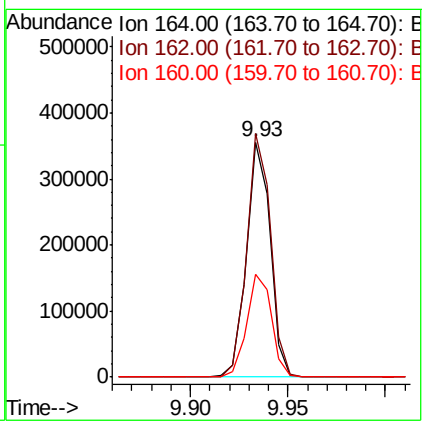


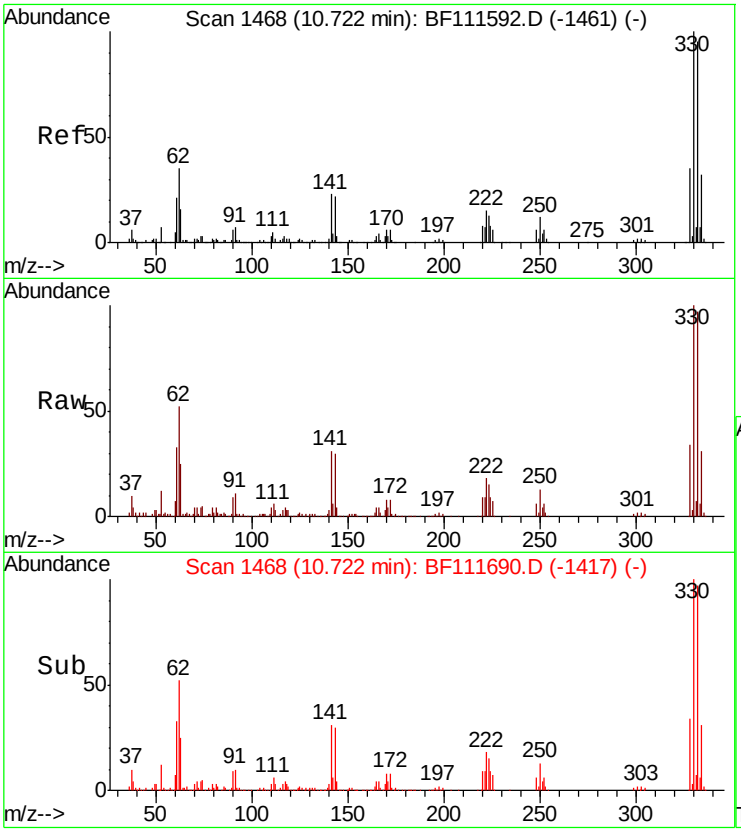


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:164 Resp: 298861

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	44.0	35.7	53.5



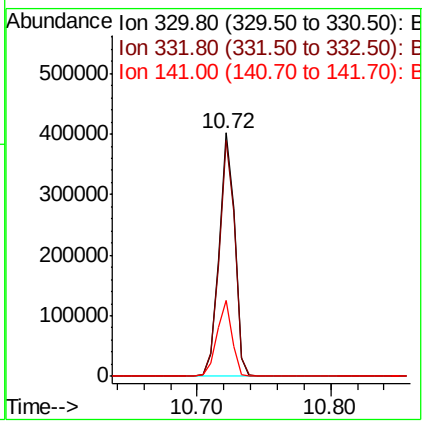


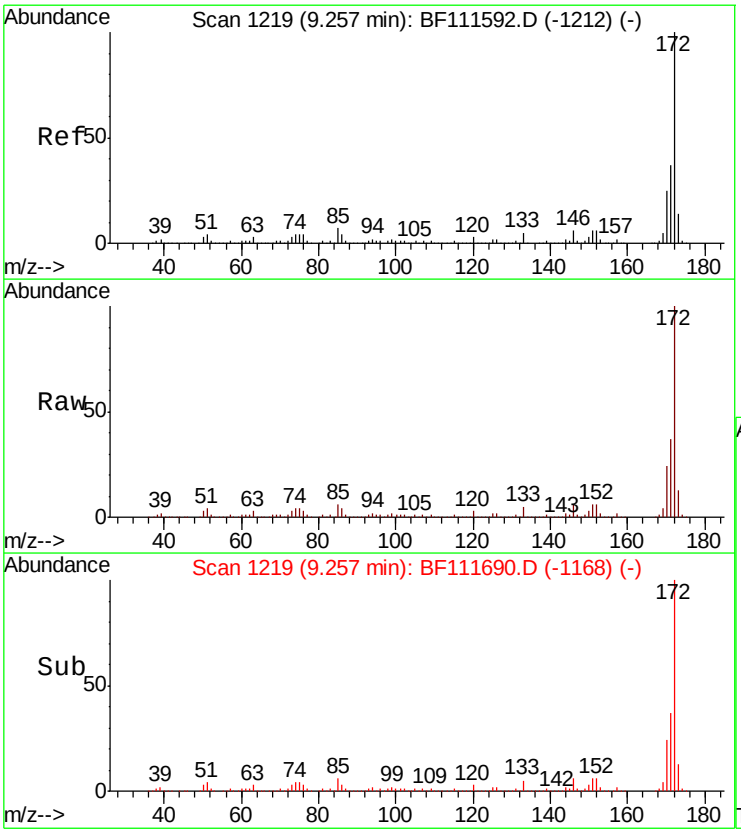
#42
2,4,6-Tribromophenol
Concen: 94.761 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:330 Resp: 334627

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	29.9	31.0	46.6#

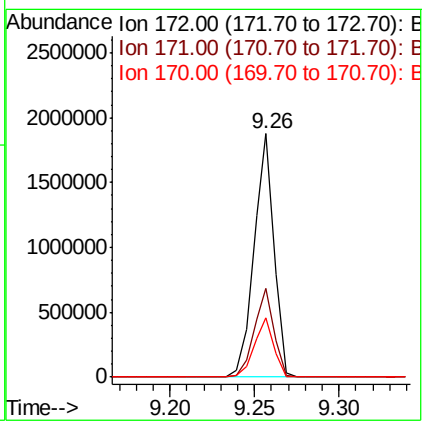


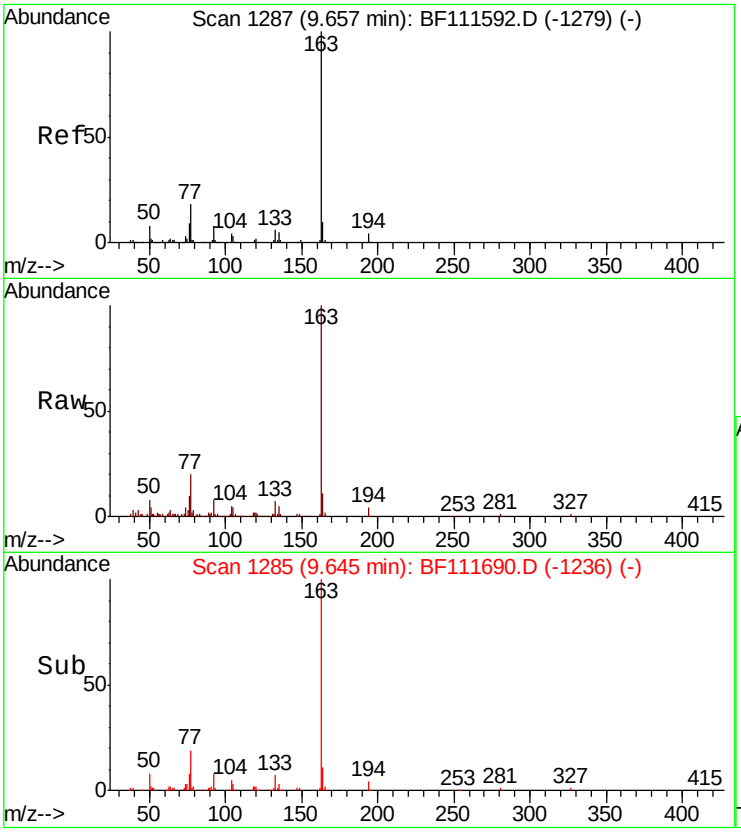


#45
2-Fluorobiphenyl
Concen: 75.441 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:172 Resp: 1546839

Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	24.2	22.3	33.5



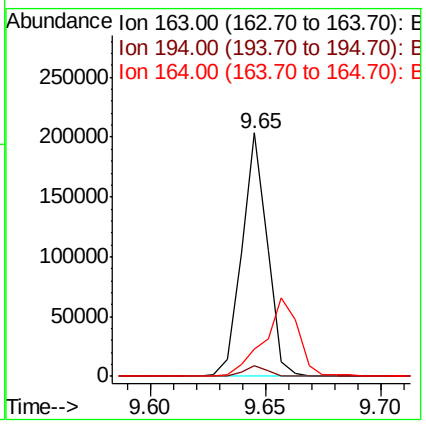


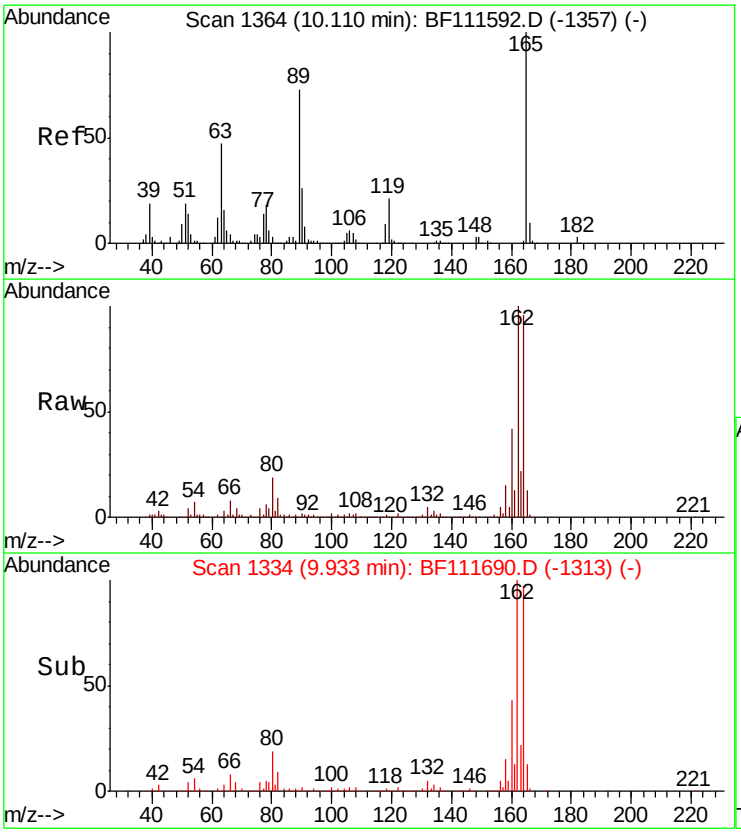
#50
Dimethylphthalate
Concen: 7.154 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:163 Resp: 156354

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	11.1	8.9	13.3

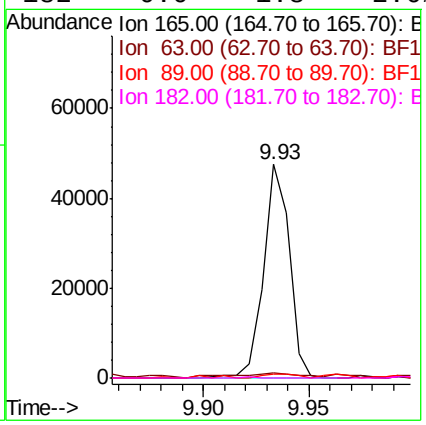


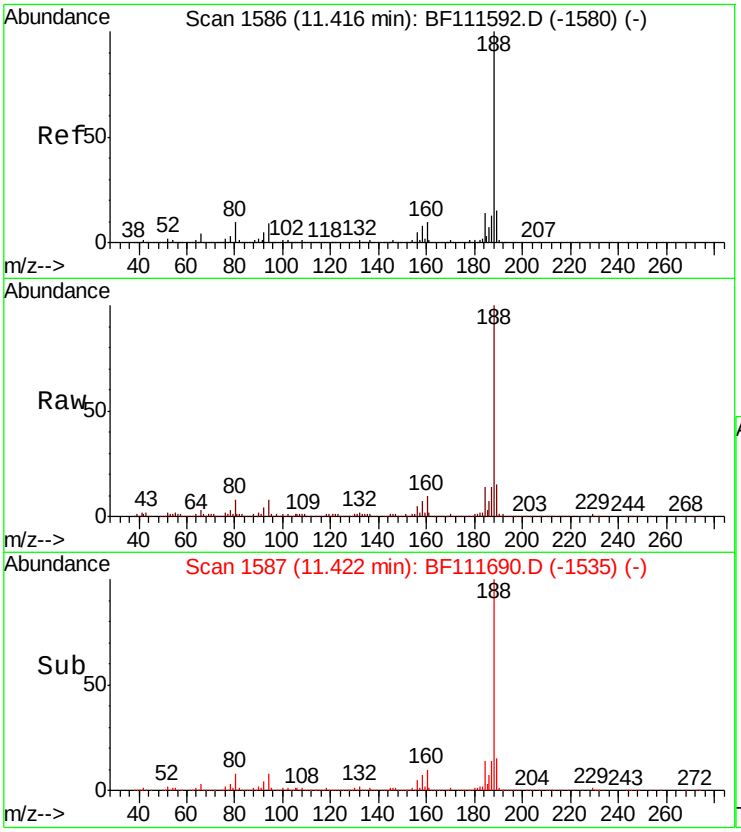


#57
2,4-Dinitrotoluene
Concen: 7.709 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:165 Resp: 40374

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



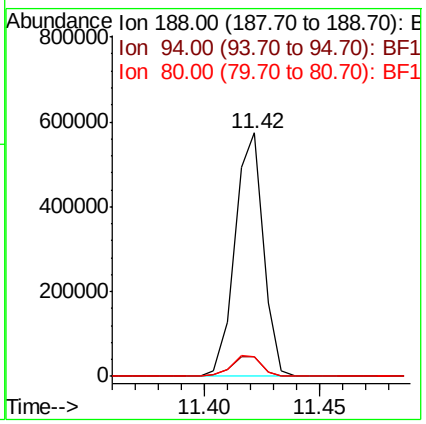


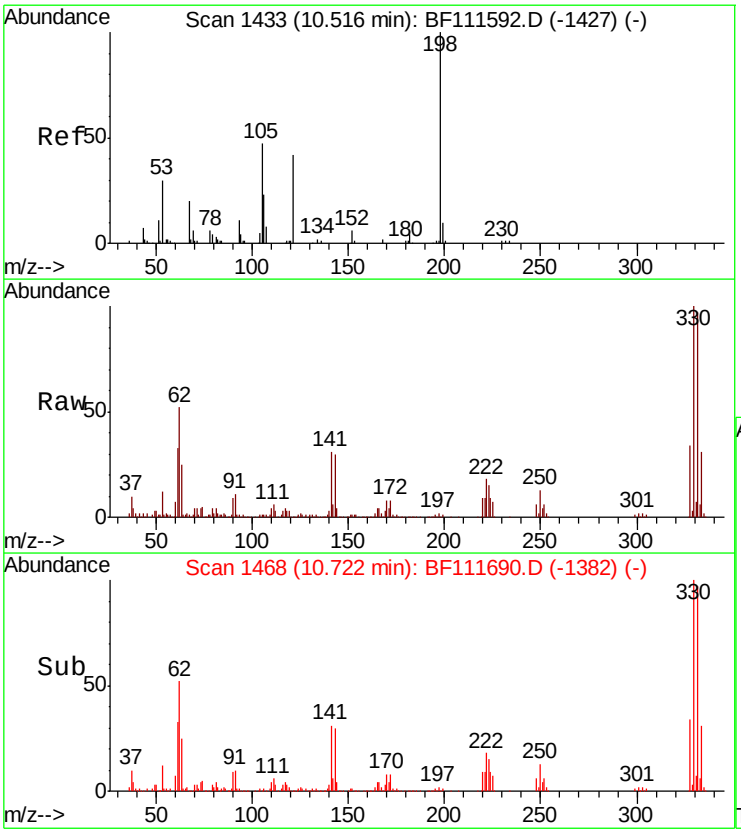
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:188 Resp: 492424

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	8.2	9.8	14.6#

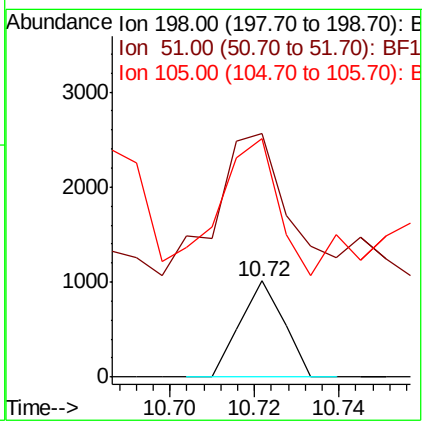


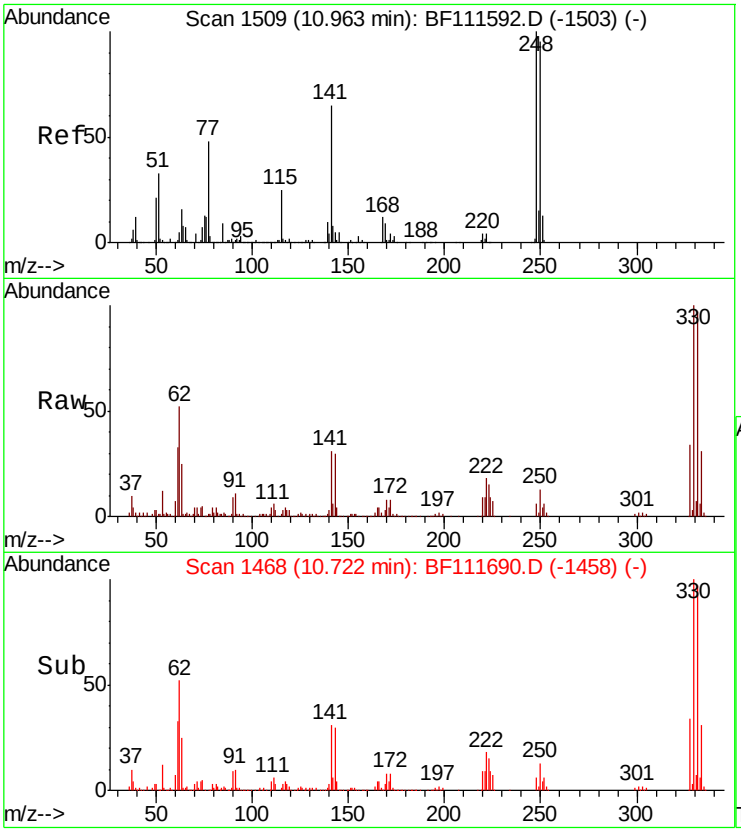


#65
4,6-Dinitro-2-methylphenol
Concen: 6.999 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:198 Resp: 725

Ion	Ratio	Lower	Upper
198	100		
51	253.9	48.0	88.0#
105	248.5	34.0	74.0#



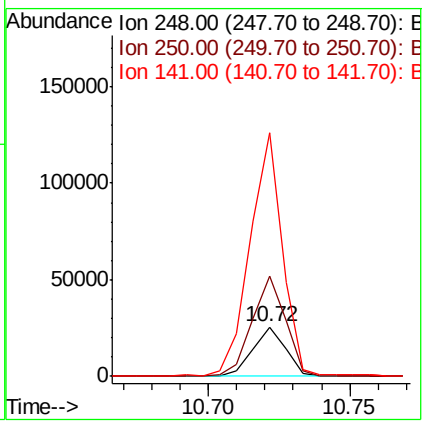


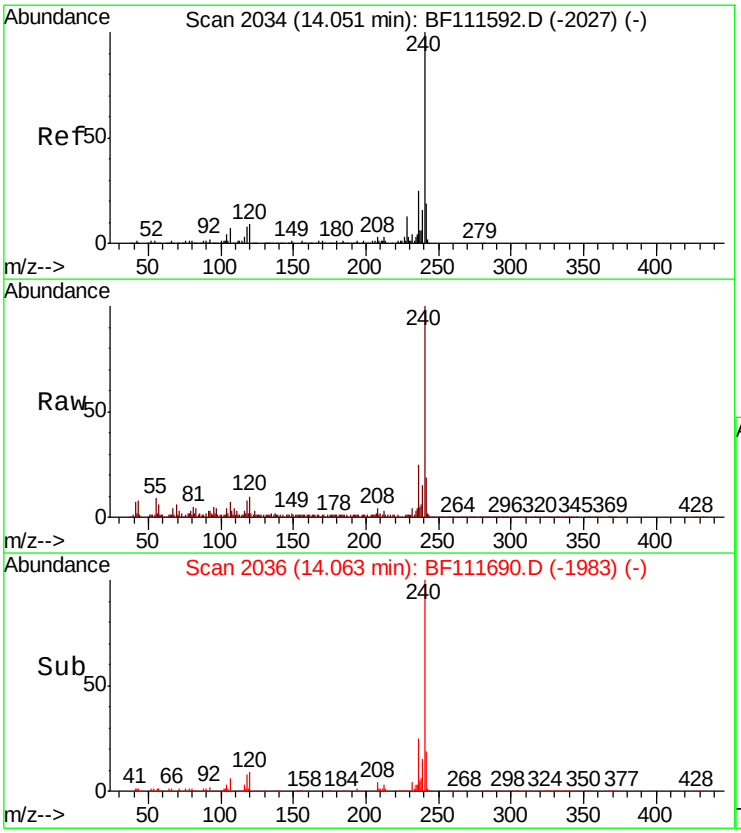
#67
4-Bromophenyl-phenylether
Concen: 3.371 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:248 Resp: 20590

Ion	Ratio	Lower	Upper
248	100		
250	204.3	77.0	115.4#
141	496.4	63.0	94.6#

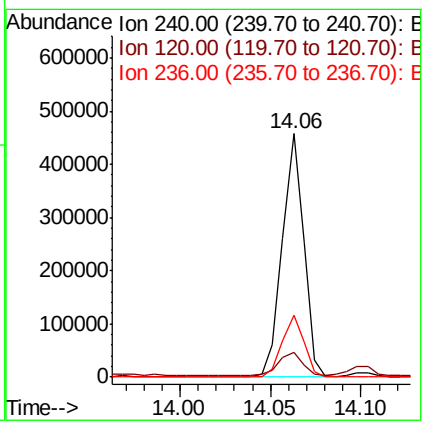


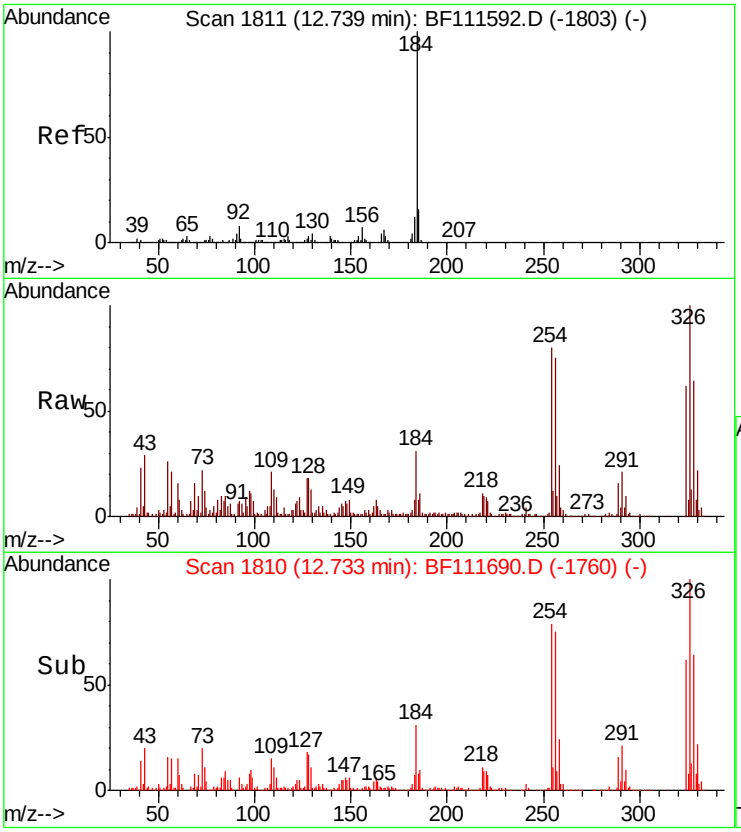


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:240 Resp: 378997

Ion	Ratio	Lower	Upper
240	100		
120	10.2	12.2	18.2#
236	25.2	20.2	30.2



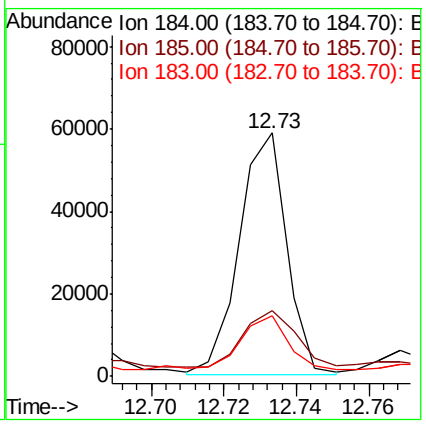


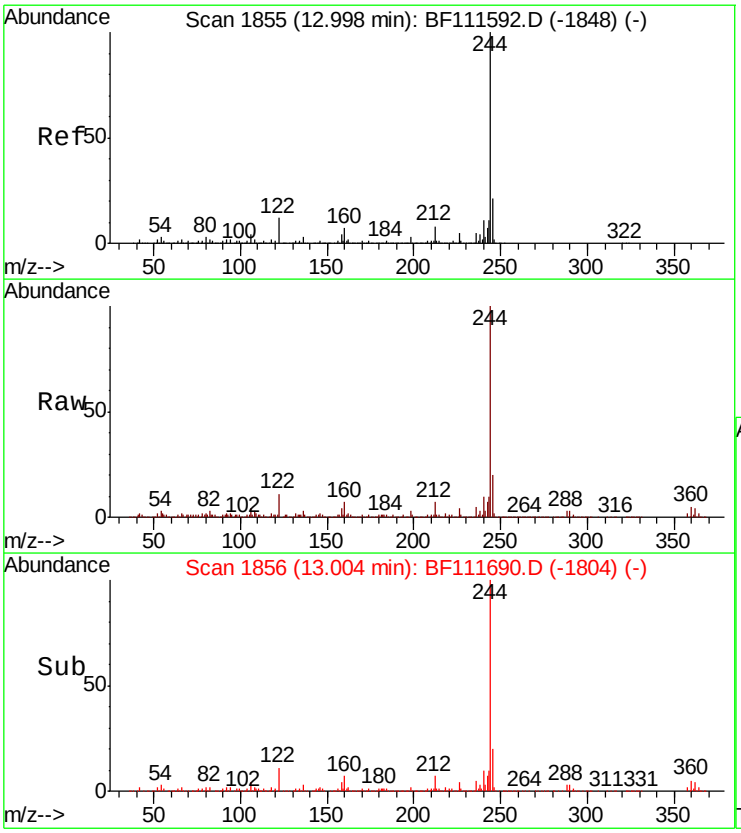
#77
Benzidine
Concen: 3.737 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:184 Resp: 53297

Ion	Ratio	Lower	Upper
184	100		
185	26.9	13.0	19.6#
183	25.1	9.3	13.9#

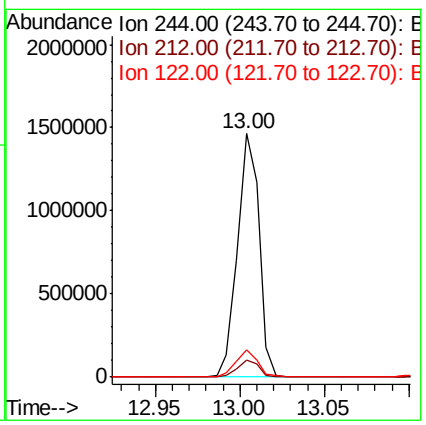


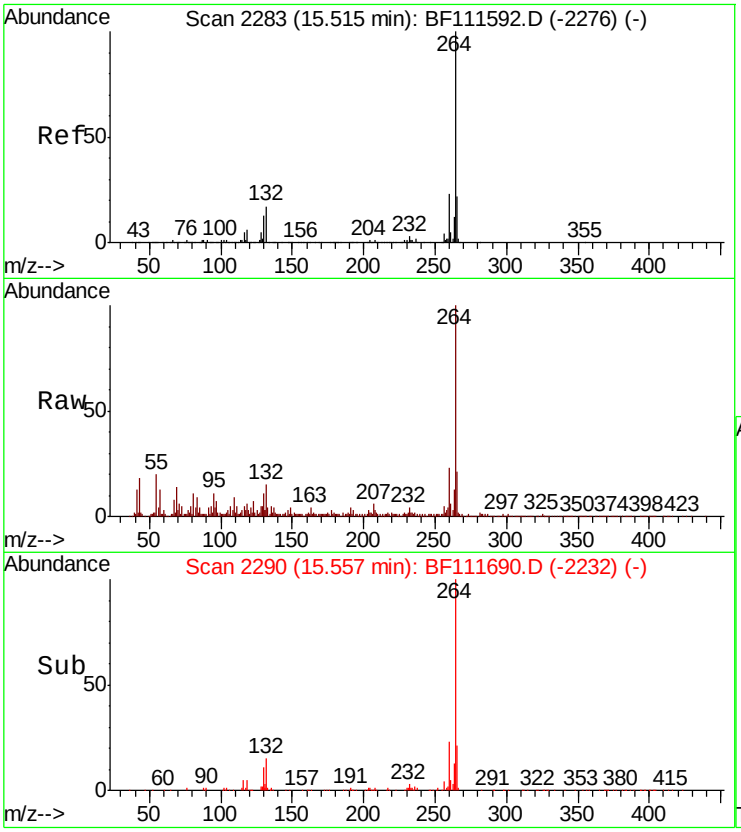


#79
Terphenyl-d14
Concen: 64.922 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:244 Resp: 1297469

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.4	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: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:264 Resp: 273630

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.4	17.7	26.5