Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111729.D
Acq On : 26 Dec 2018 22:25
Operator : JU/SJ
Sample : J6525-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(5)

Quant Time: Dec 27 02:16:19 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	149067	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	532712	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	229330	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	368572	20.00	ng		0.00
76) Chrysene-d12	14.06	240	325707	20.00	ng		0.00
87) Perylene-d12	15.54	264	229730	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	736134	84.17	ng		0.02
7) Phenol-d6	6.54	99	927352	83.32	ng		0.02
23) Nitrobenzene-d5	7.46	82	573781	62.70	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	206997	76.39	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1018818	64.75	ng		0.00
79) Terphenyl-d14	13.00	244	863907	50.30	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.55	94	67747	5.395	ng		90
19) n-Nitroso-di-n-propylamine	7.46	70	77607	10.500	ng	#	77
25) Isophorone	7.46	82	570526	35.115	ng	#	64
50) Dimethylphthalate	9.65	163	156903	9.356	ng		96
57) 2,4-Dinitrotoluene	9.94	165	29775	7.409	ng	#	24
65) 4,6-Dinitro-2-methylphenol	10.72	198	378	6.906	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	13348	2.920	ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.04	149	39886	3.377	ng	#	95

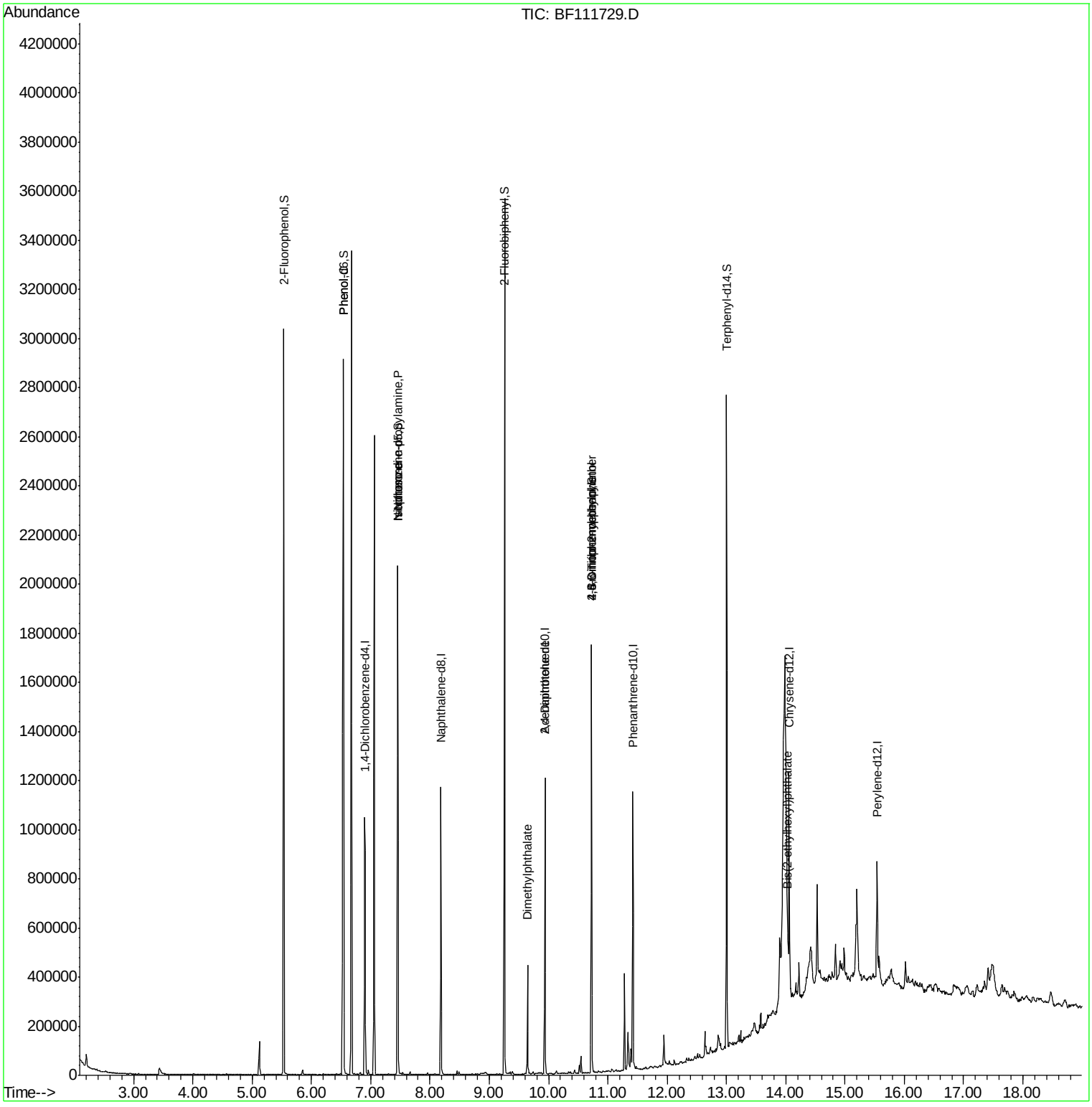
(#) = qualifier out of range (m) = manual integration (+) = signals summed

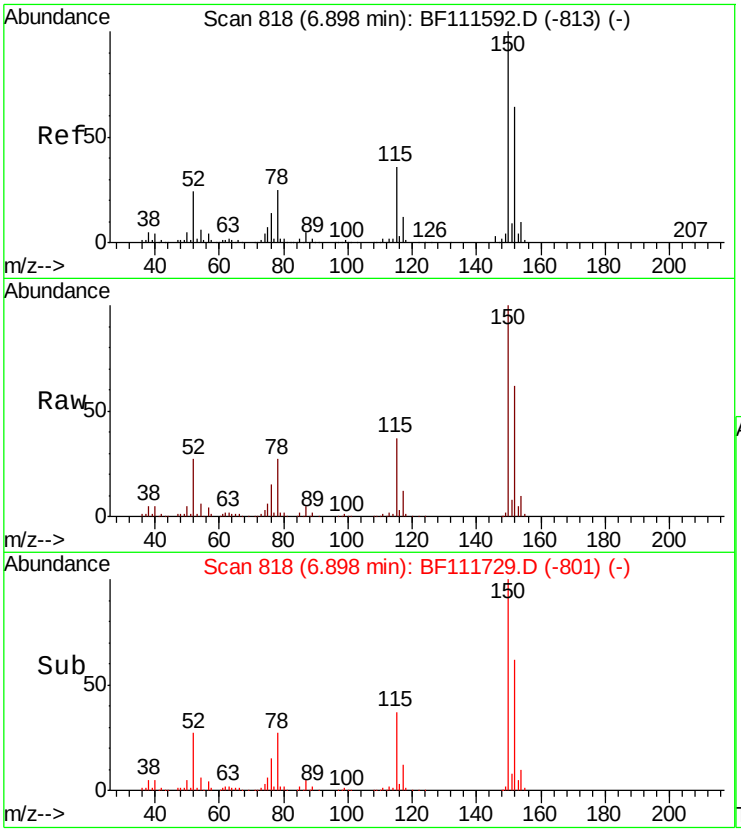
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111729.D
Acq On : 26 Dec 2018 22:25
Operator : JU/SJ
Sample : J6525-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Quant Time: Dec 27 02:16:19 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



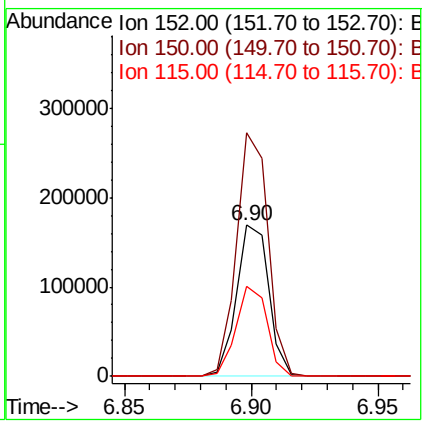


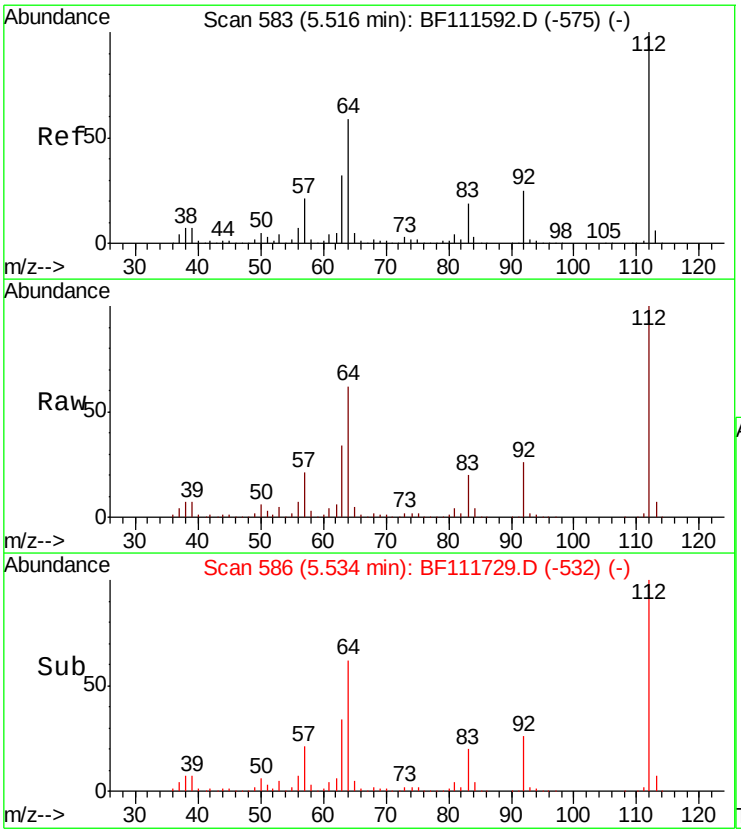
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion:152 Resp: 149067

Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.6	189.8
115	59.8	50.7	76.1

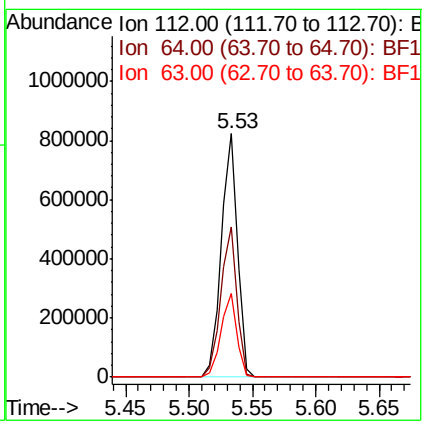


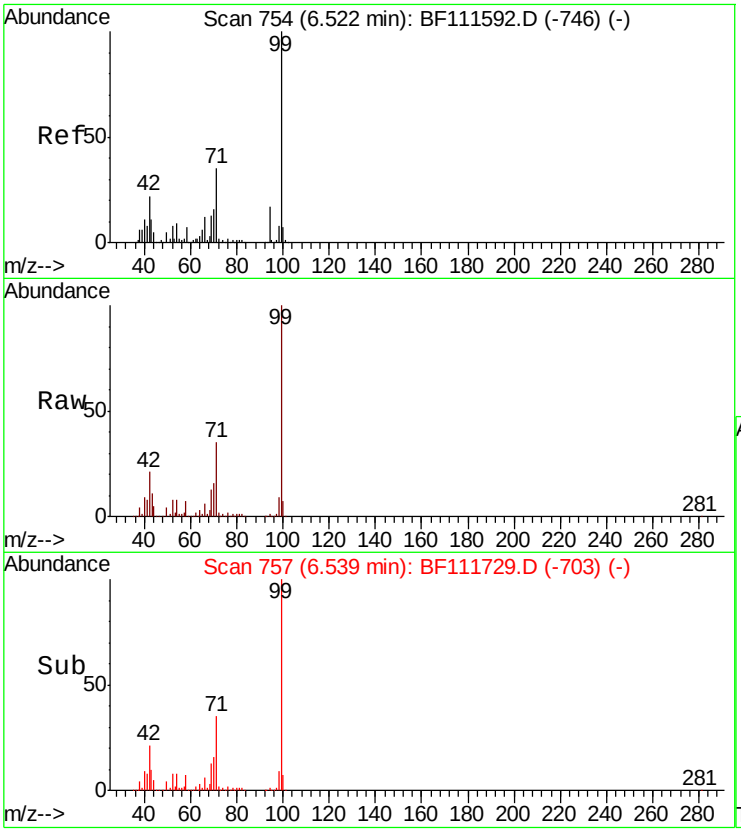


#5
2-Fluorophenol
Concen: 84.175 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:112 Resp: 736134

Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.8	77.6
63	34.5	26.8	40.2



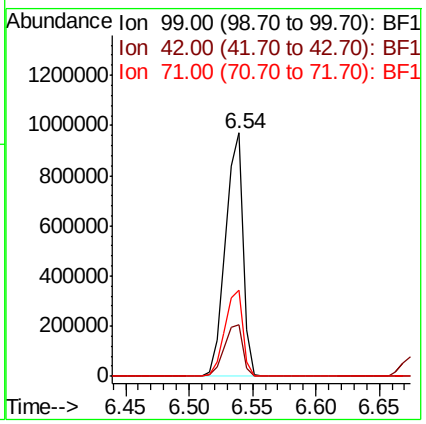


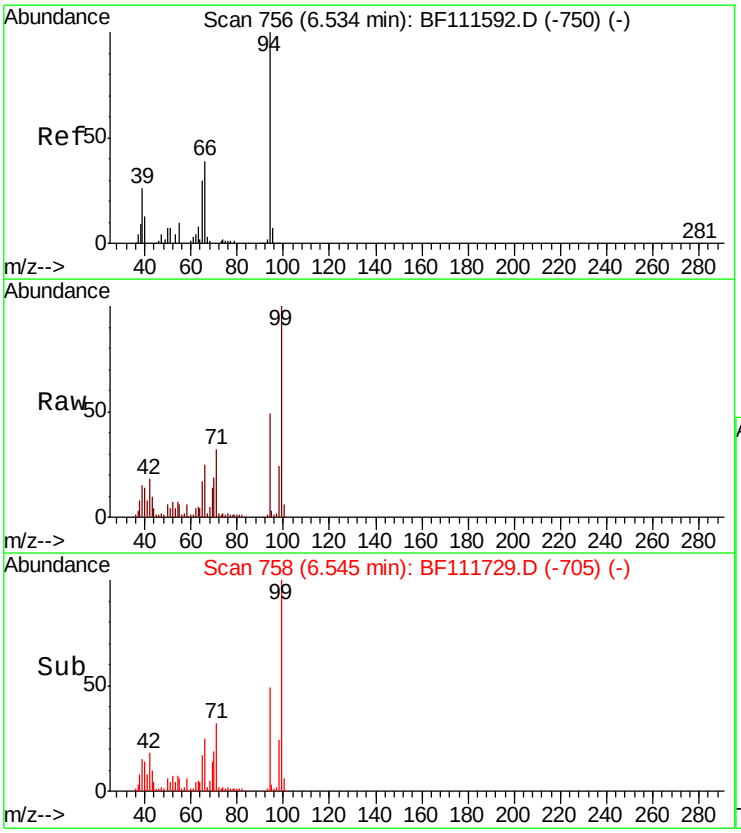
#7
Phenol-d6
Concen: 83.322 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion: 99 Resp: 927352

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.4	26.0
71	35.4	26.1	39.1

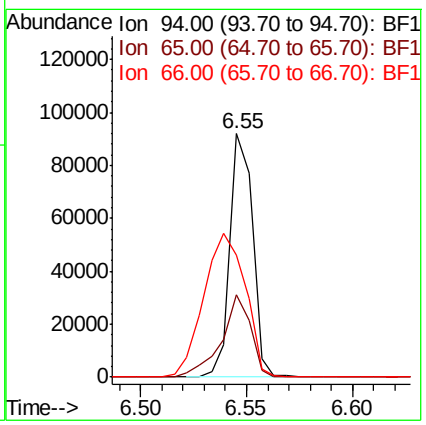


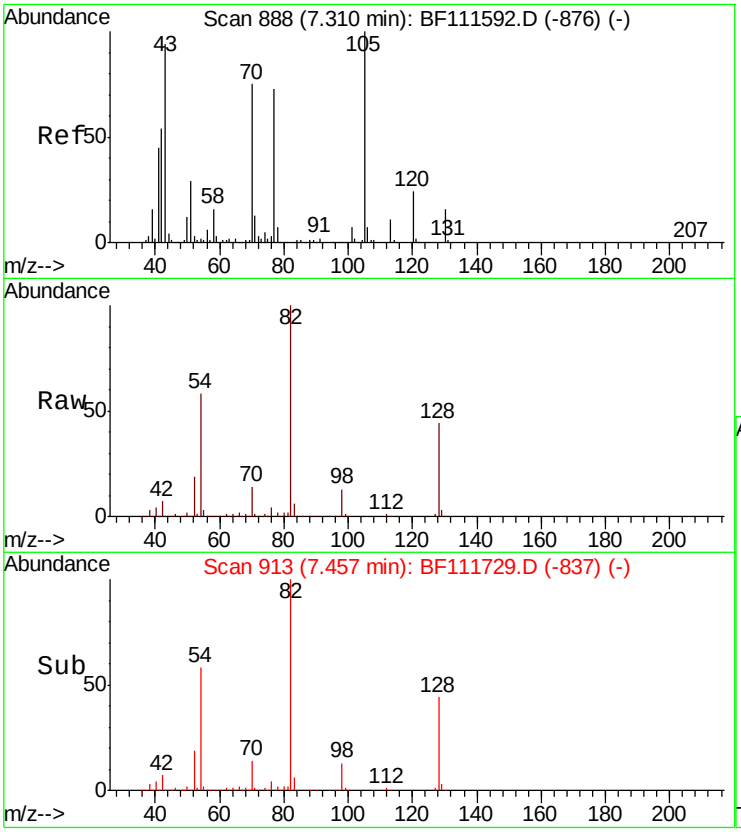


#10
Phenol
Concen: 5.395 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion: 94 Resp: 67747

Ion	Ratio	Lower	Upper
94	100		
65	34.0	11.7	51.7
66	49.9	21.0	61.0



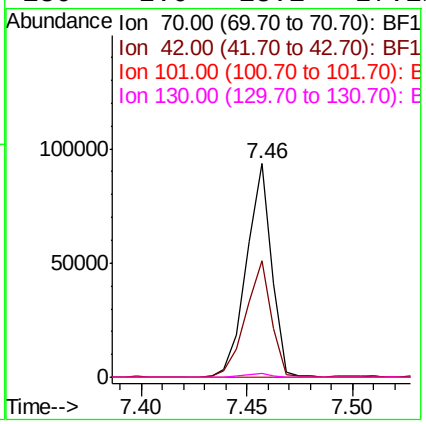


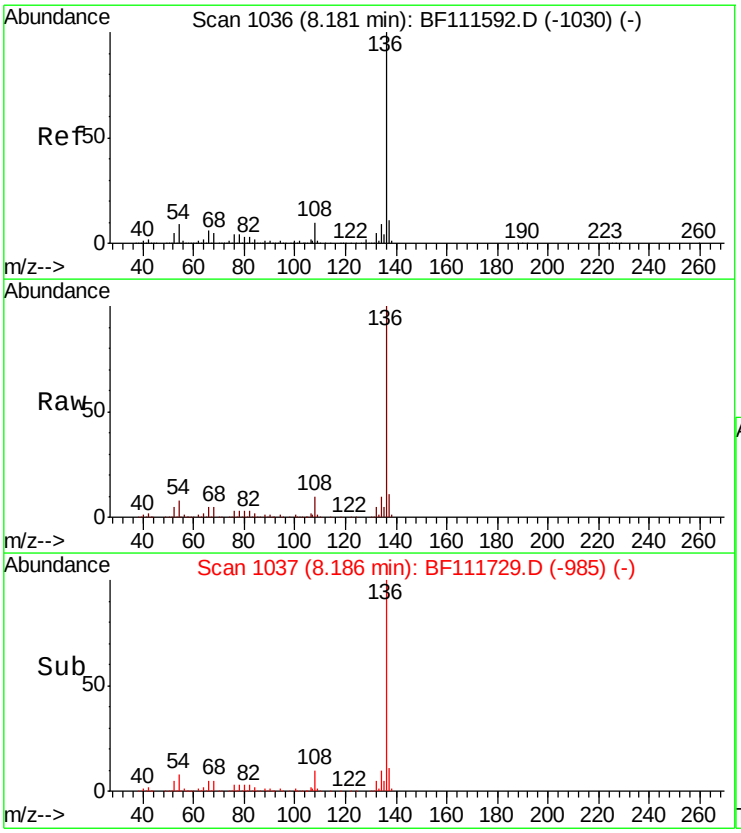
#19
n-Nitroso-di-n-propylamine
Concen: 10.500 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion: 70 Resp: 77607

Ion	Ratio	Lower	Upper
70	100		
42	54.5	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

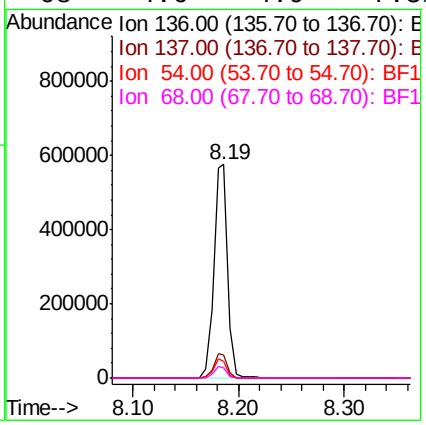


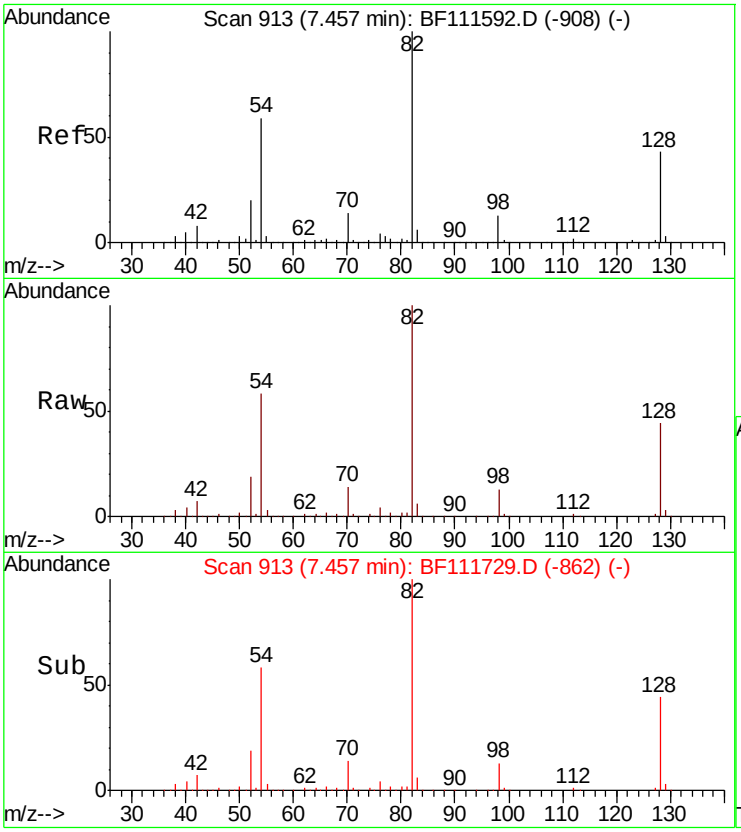


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:136 Resp: 532712

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.7	7.7	11.5
68	4.6	4.9	7.3#



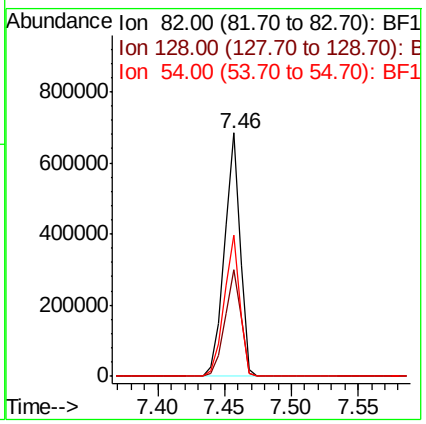


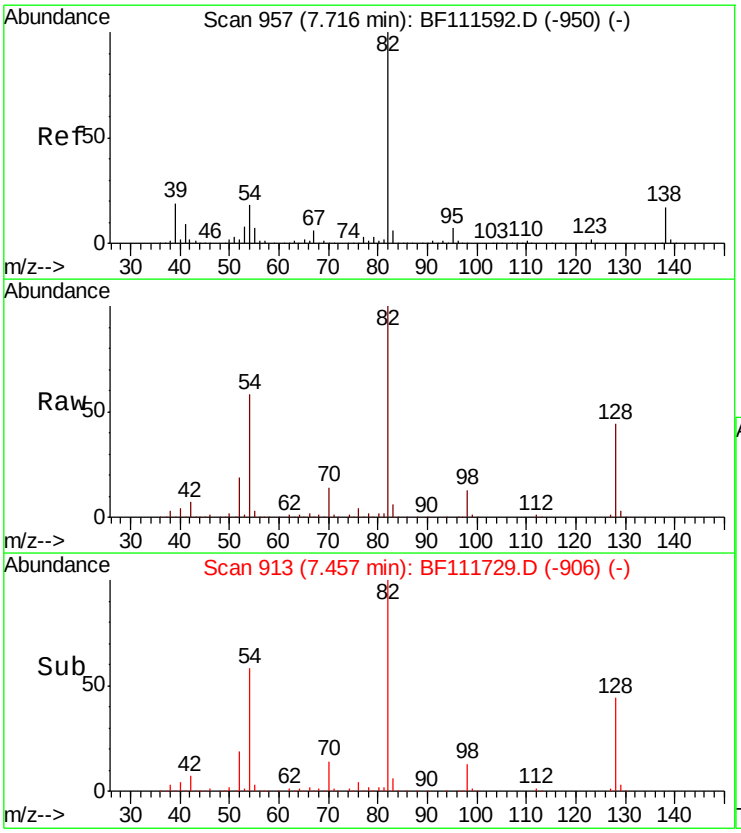
#23
Nitrobenzene-d5
Concen: 62.695 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion: 82 Resp: 573781

Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.4	56.2
54	57.8	47.6	71.4

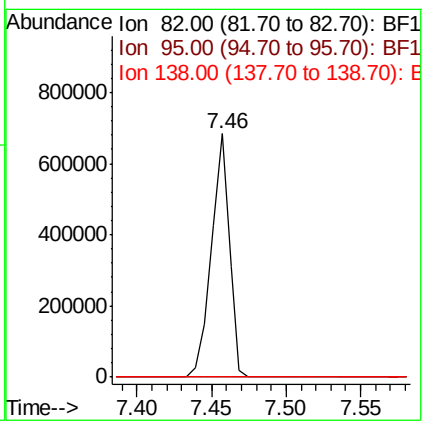


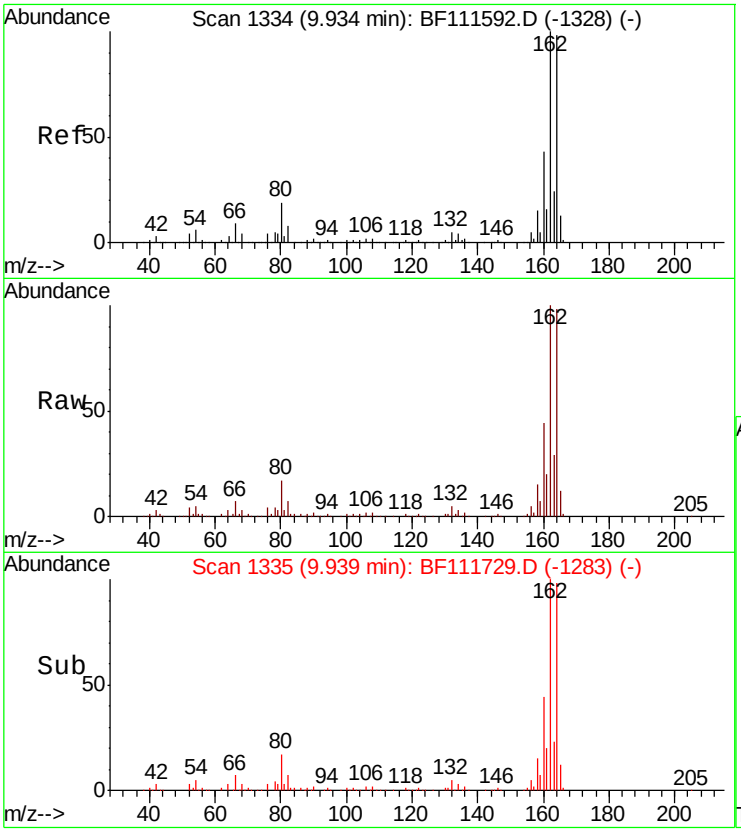


#25
Isophorone
Concen: 35.115 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion: 82 Resp: 570526

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



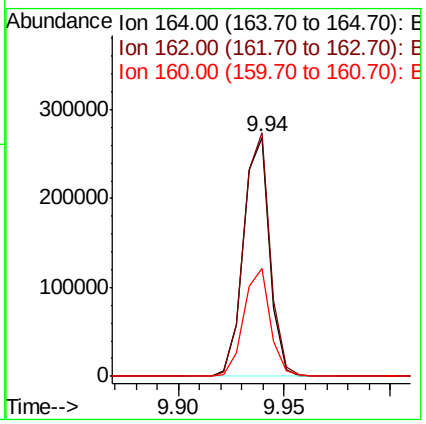


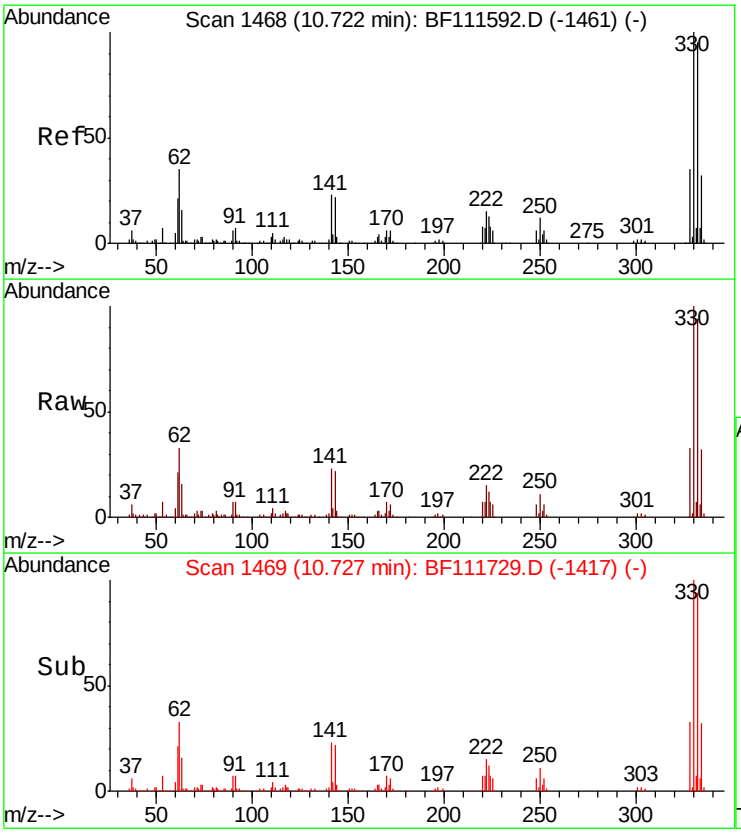
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion:164 Resp: 229330

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.1	35.7	53.5

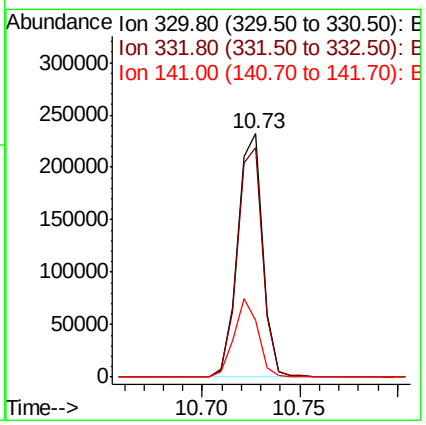


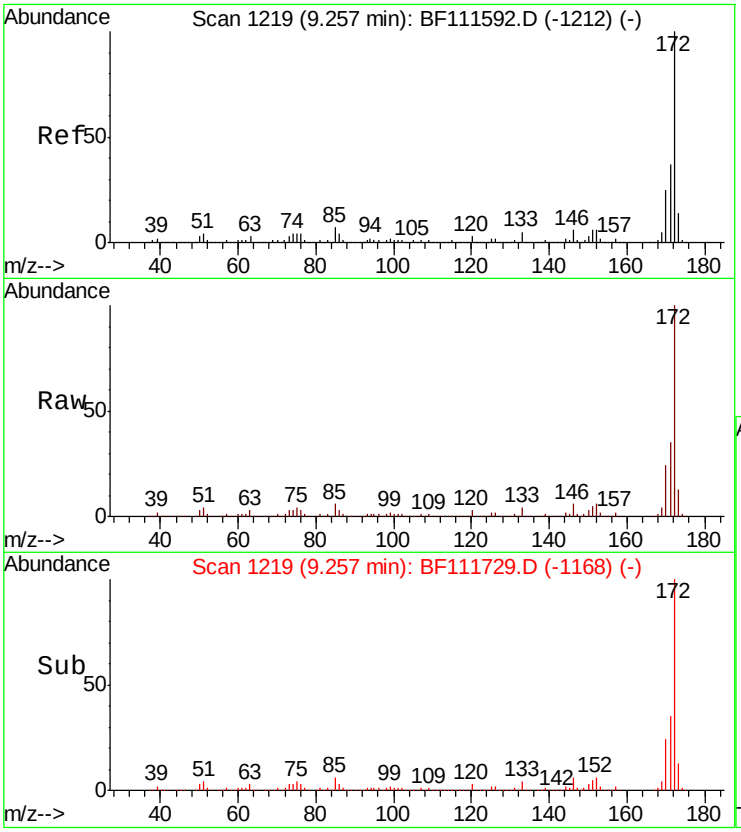


#42
2,4,6-Tribromophenol
Concen: 76.391 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:330 Resp: 206997

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	30.7	31.0	46.6#



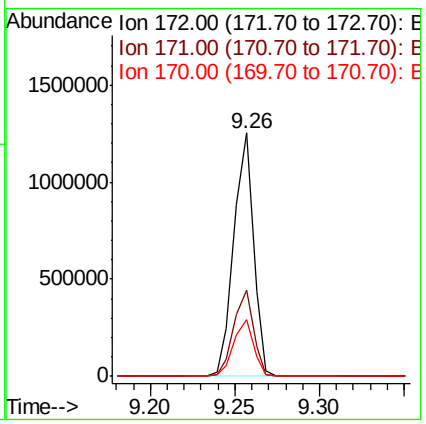


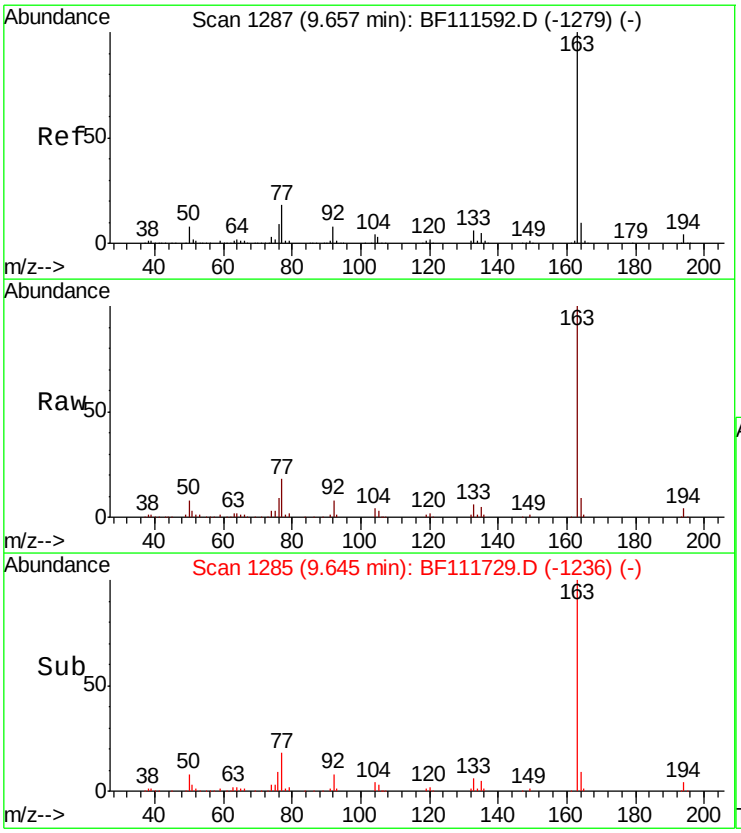
#45
2-Fluorobiphenyl
Concen: 64.754 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion:172 Resp: 1018818

Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	23.5	22.3	33.5

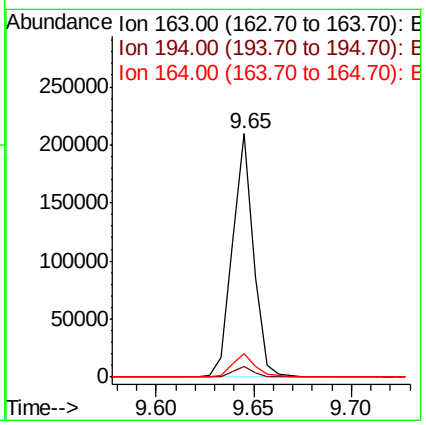


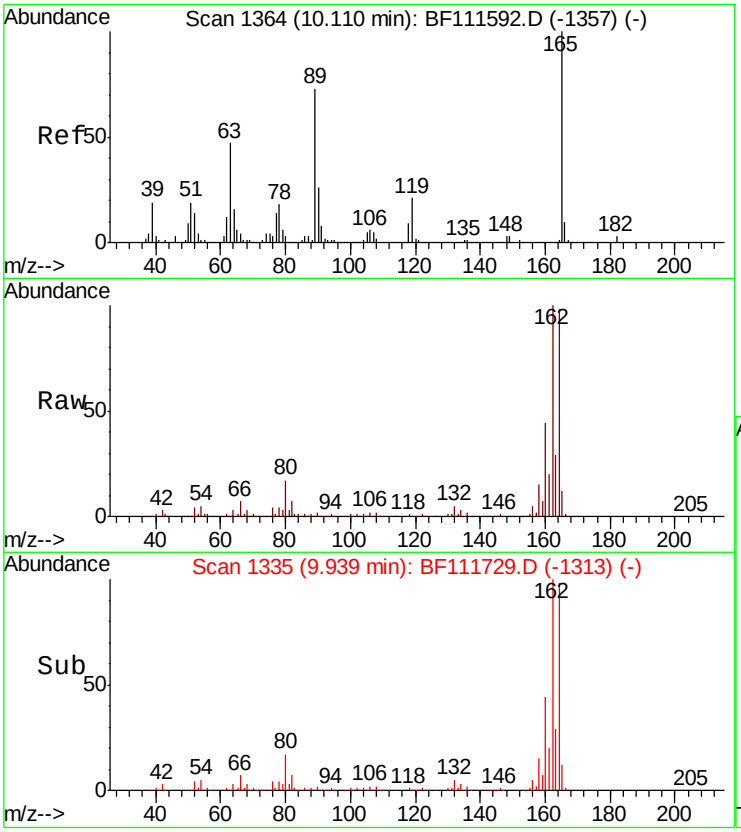


#50
Dimethylphthalate
Concen: 9.356 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:163 Resp: 156903

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.4	8.9	13.3



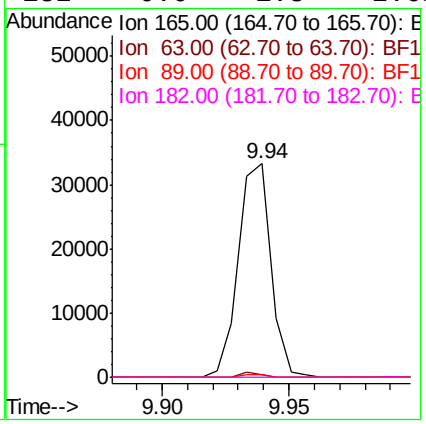


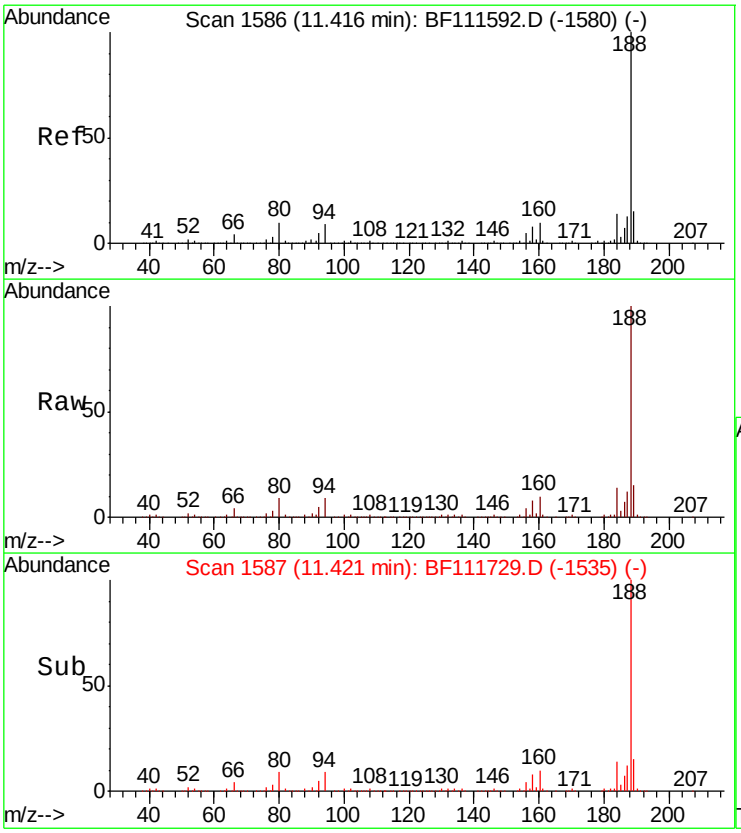
#57
2,4-Dinitrotoluene
Concen: 7.409 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion:165 Resp: 29775

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#

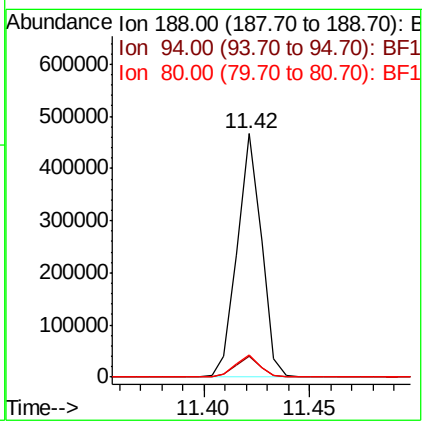


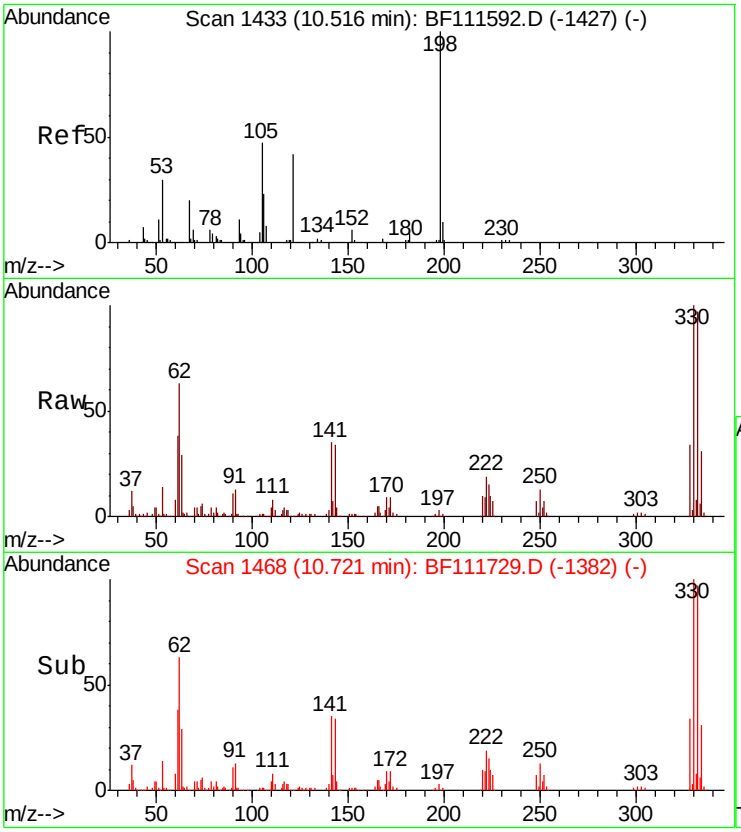


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:188 Resp: 368572

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	8.9	9.8	14.6#



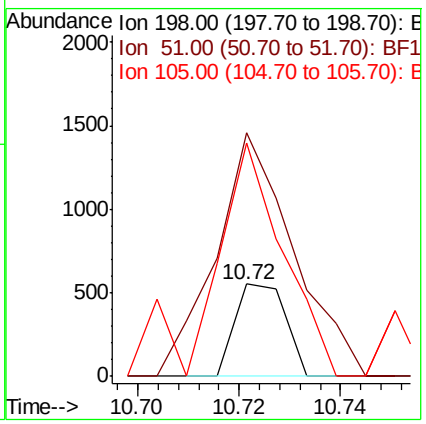


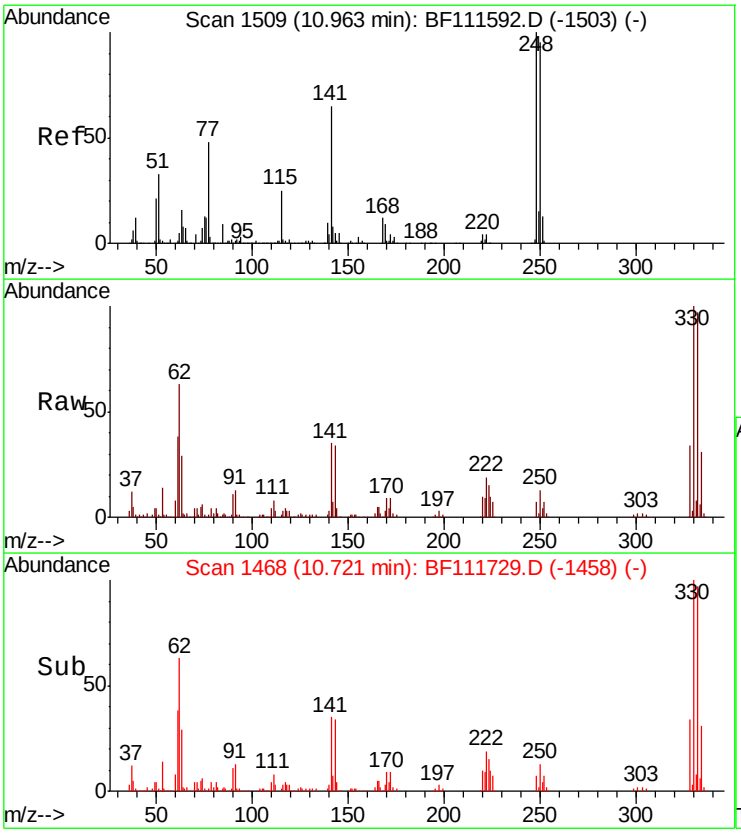
#65
4,6-Dinitro-2-methylphenol
Concen: 6.906 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion:198 Resp: 378

Ion	Ratio	Lower	Upper
198	100		
51	264.4	48.0	88.0#
105	253.2	34.0	74.0#

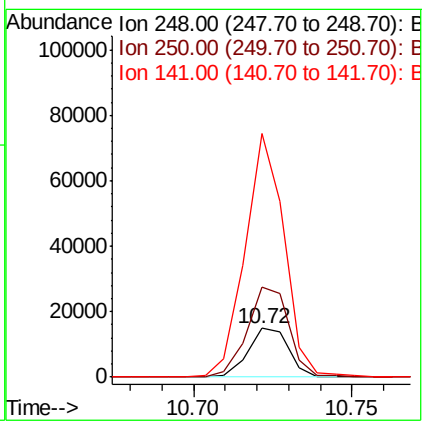


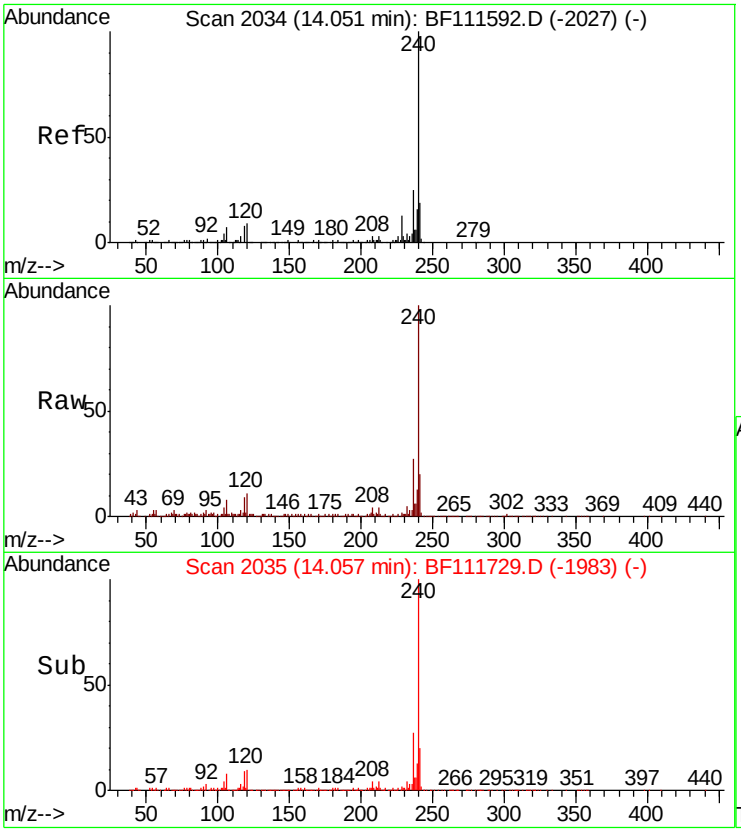


#67
4-Bromophenyl-phenylether
Concen: 2.920 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:248 Resp: 13348

Ion	Ratio	Lower	Upper
248	100		
250	185.7	77.0	115.4#
141	502.7	63.0	94.6#



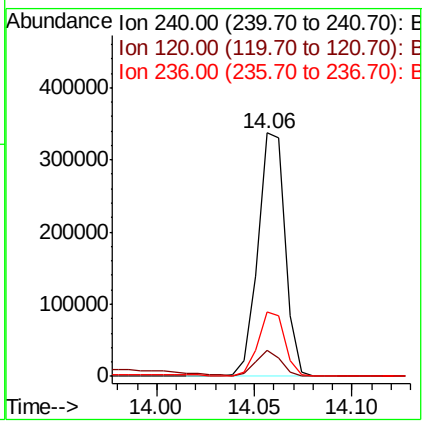


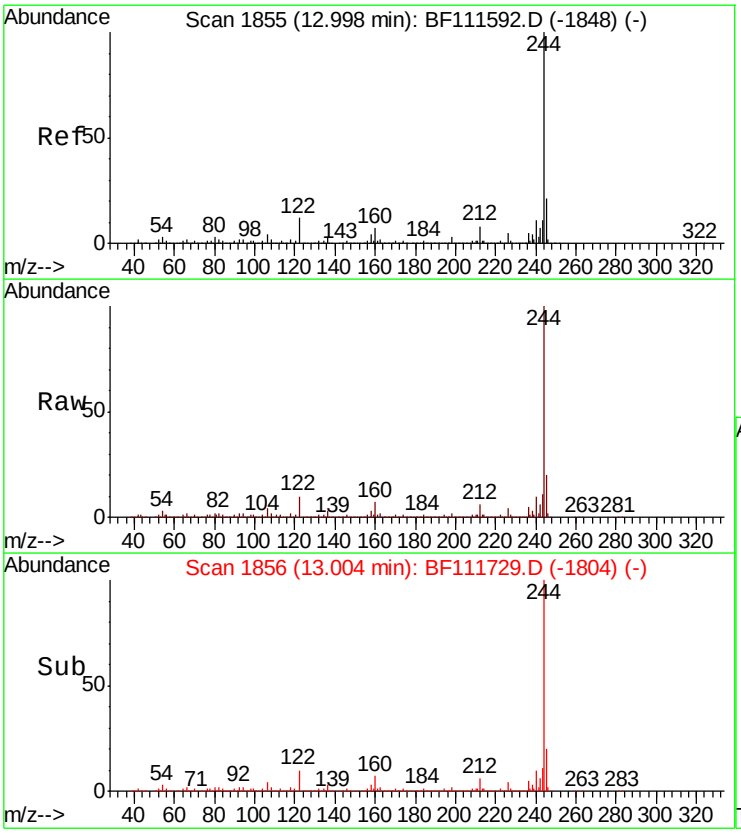
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion:240 Resp: 325707

Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.2	18.2#
236	26.7	20.2	30.2

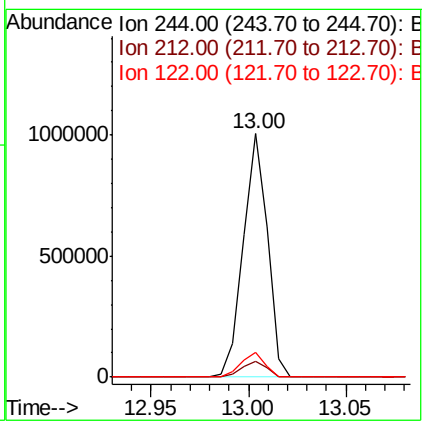


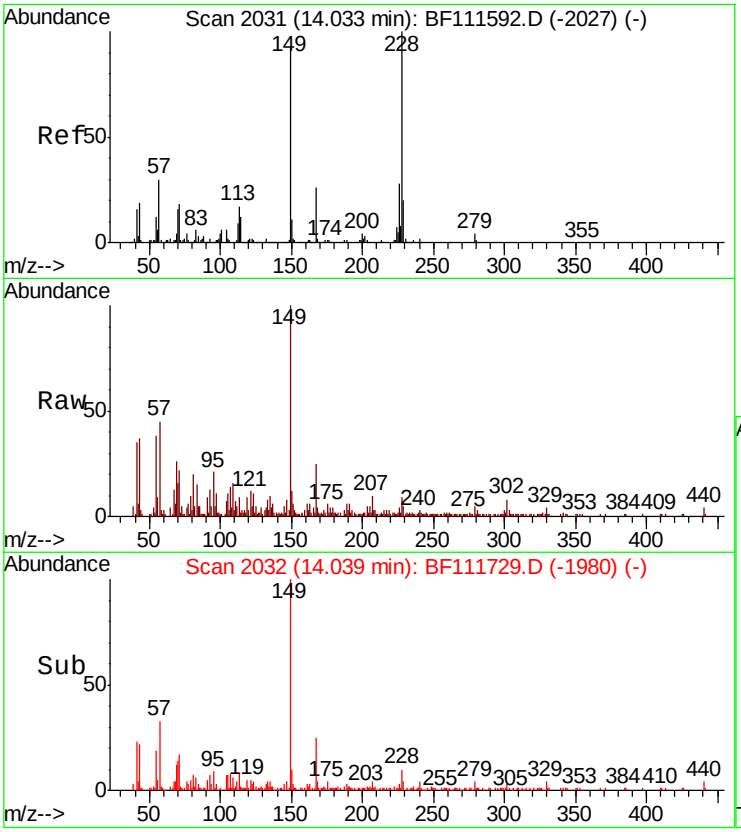


#79
Terphenyl-d14
Concen: 50.301 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:244 Resp: 863907

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	10.2	13.1	19.7#



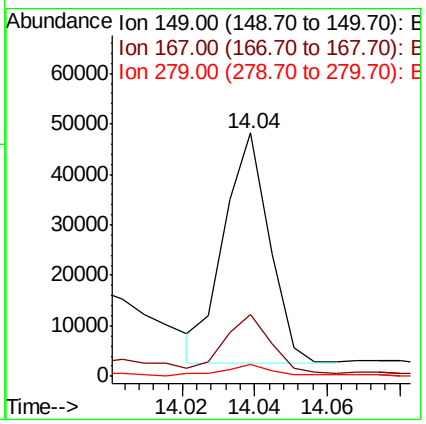


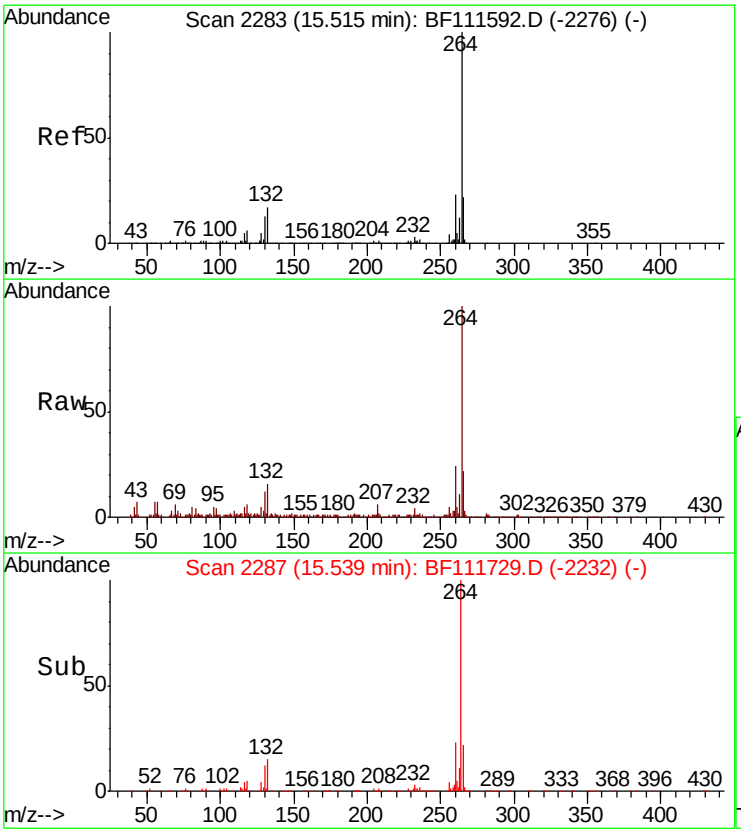
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.377 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Instrument :
BNA_F
ClientSampleId :
S-2(5)

Tgt Ion:149 Resp: 39886

Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.5	33.7
279	4.8	2.6	4.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111729.D
Acq: 26 Dec 2018 22:25

Tgt Ion:264 Resp: 229730

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.2	17.7	26.5