Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091248.D
Acq On : 18 Nov 2016 22:14
Operator : UM/SJ
Sample : H5700-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF019-01

Quant Time: Nov 18 23:19:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 22:22:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	157916	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	689987	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	359608	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	567017	20.00	ng		0.00
75) Chrysene-d12	13.76	240	412154	20.00	ng		-0.01
86) Perylene-d12	15.12	264	331368	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1187214	124.16	ng		0.01
7) Phenol-d6	6.27	99	1369226	105.50	ng		0.00
23) Nitrobenzene-d5	7.18	82	876737	69.32	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	394768	121.43	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1442893	69.08	ng		0.00
78) Terphenyl-d14	12.72	244	1323600	80.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	21989	3.05	ng		85
10) Phenol	6.28	94	92958	6.47	ng	#	51
19) n-Nitroso-di-n-propylamine	7.18	70	114076	12.68	ng	#	73
25) Isophorone	7.18	82	870083	35.70	ng	#	67
49) Dimethylphthalate	9.38	163	85549	3.63	ng		98
50) 2,6-Dinitrotoluene	9.64	165	45618	9.03	ng	#	11
56) 2,4-Dinitrotoluene	9.64	165	45620	7.10	ng	#	26
59) Diethylphthalate	10.08	149	87115	3.60	ng		98
66) 4-Bromophenyl-phenylether	10.43	248	22910	3.88	ng	#	1

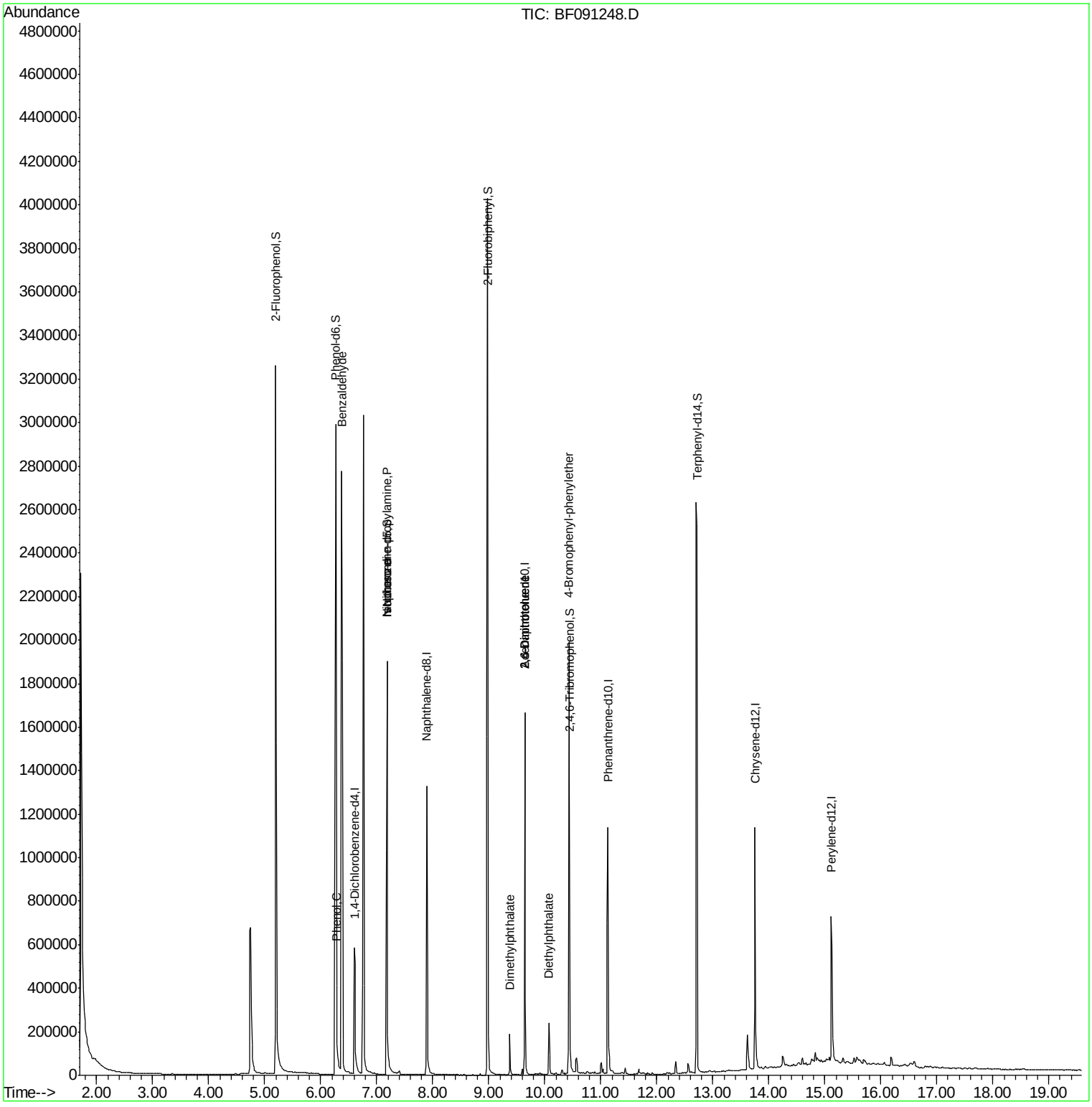
(#) = qualifier out of range (m) = manual integration (+) = signals summed

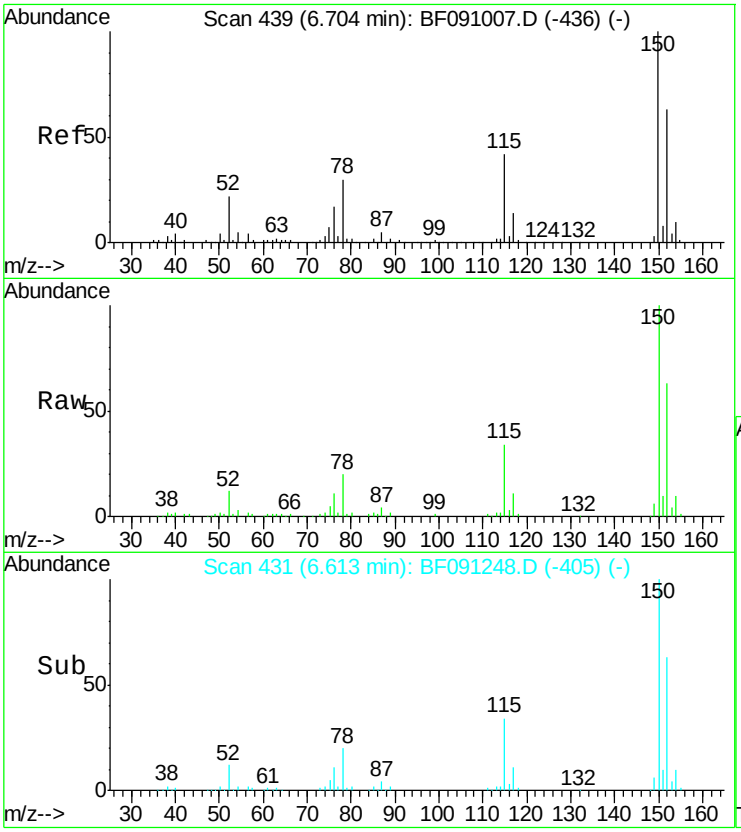
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091248.D
Acq On : 18 Nov 2016 22:14
Operator : UM/SJ
Sample : H5700-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF019-01

Quant Time: Nov 18 23:19:30 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 22:22:57 2016
Response via : Initial Calibration



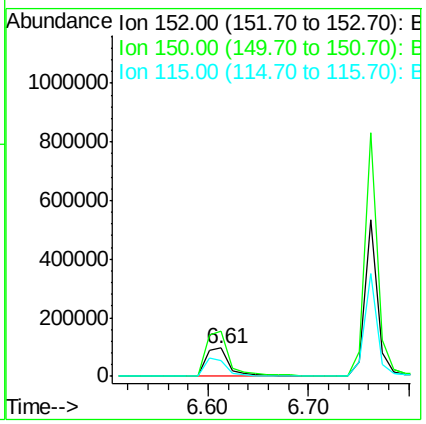


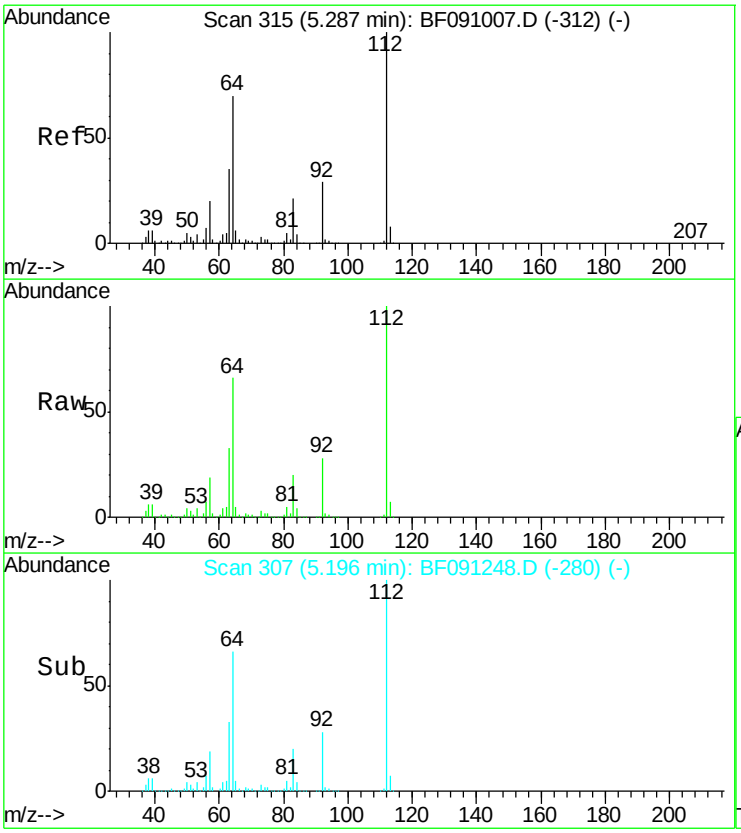
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion:152 Resp: 157916

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.8	190.2
115	54.1	53.3	79.9

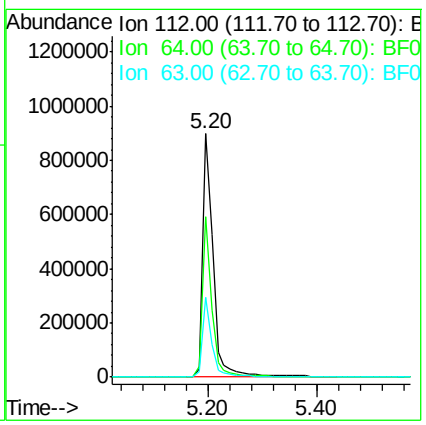


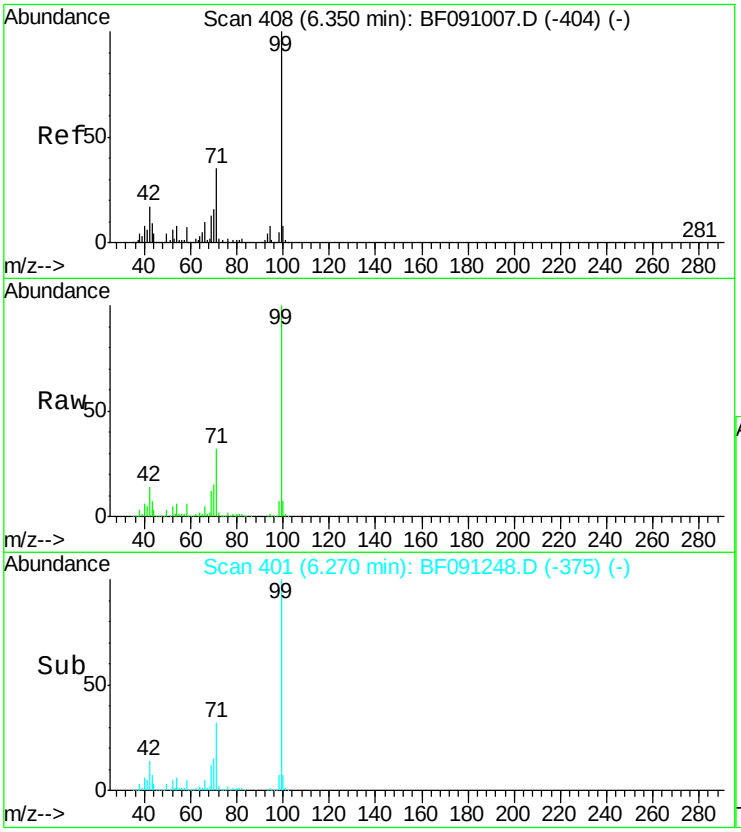


#5
2-Fluorophenol
Concen: 124.16 ng
RT: 5.20 min Scan# 307
Delta R.T. 0.01 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion:112 Resp: 1187214

Ion	Ratio	Lower	Upper
112	100		
64	65.8	55.8	83.6
63	33.0	28.0	42.0



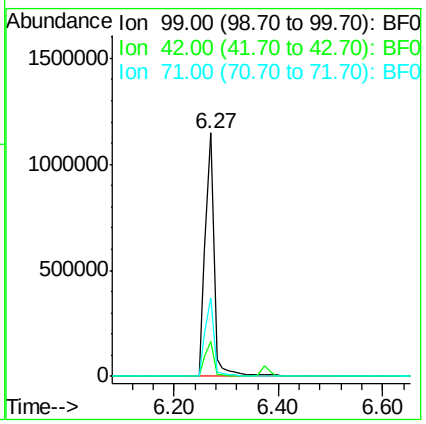


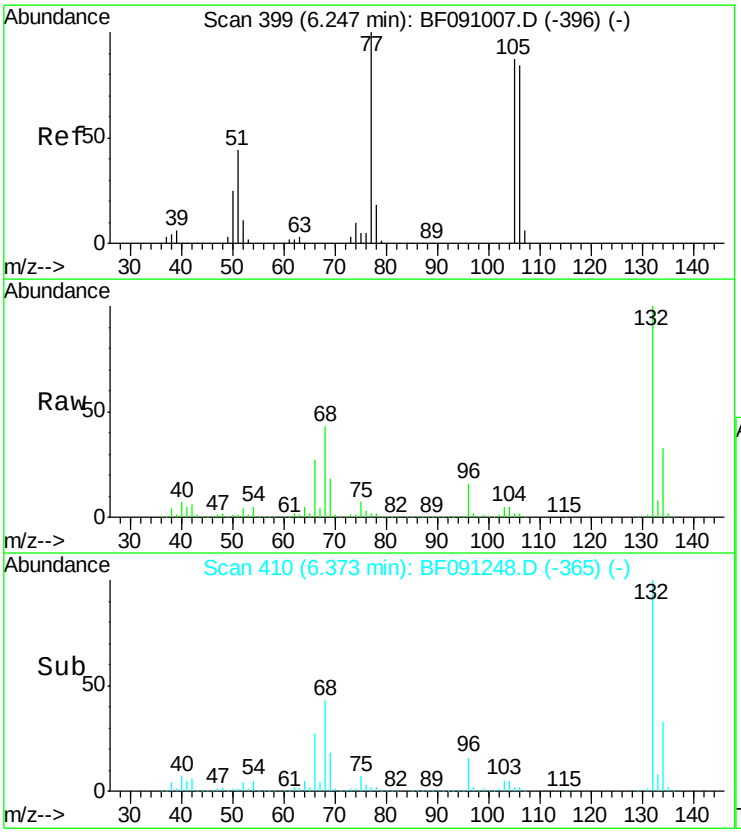
#7
Phenol-d6
Concen: 105.50 ng
RT: 6.27 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion: 99 Resp: 1369226

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.9	20.9
71	32.0	27.8	41.8

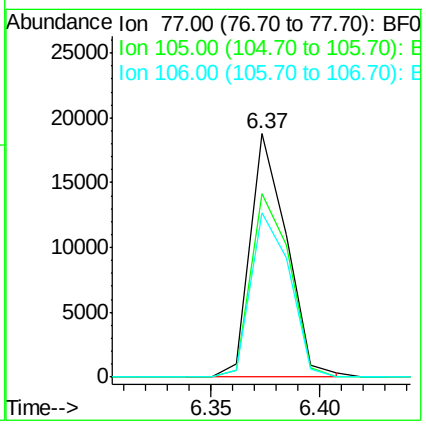


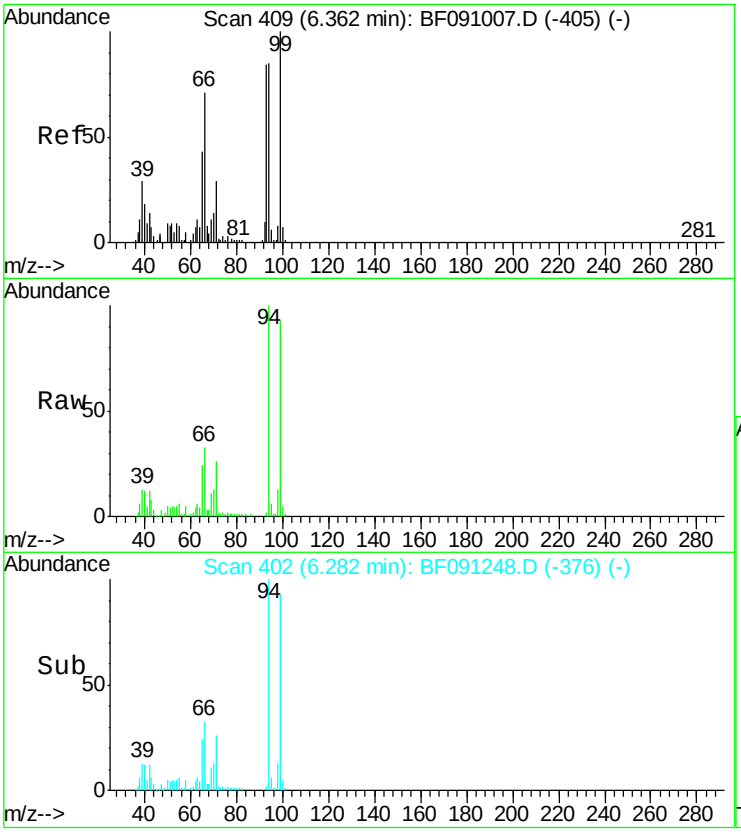


#9
Benzaldehyde
Concen: 3.05 ng
RT: 6.37 min Scan# 410
Delta R.T. 0.22 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion: 77 Resp: 21989

Ion	Ratio	Lower	Upper
77	100		
105	75.6	66.8	106.8
106	67.3	64.0	104.0



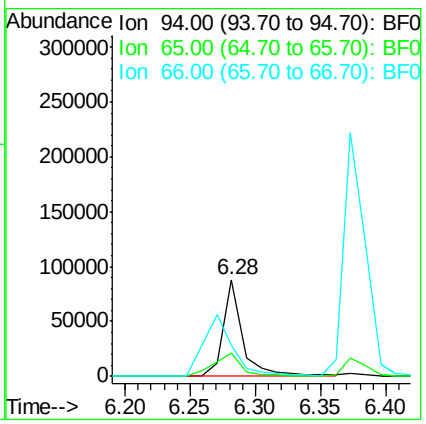


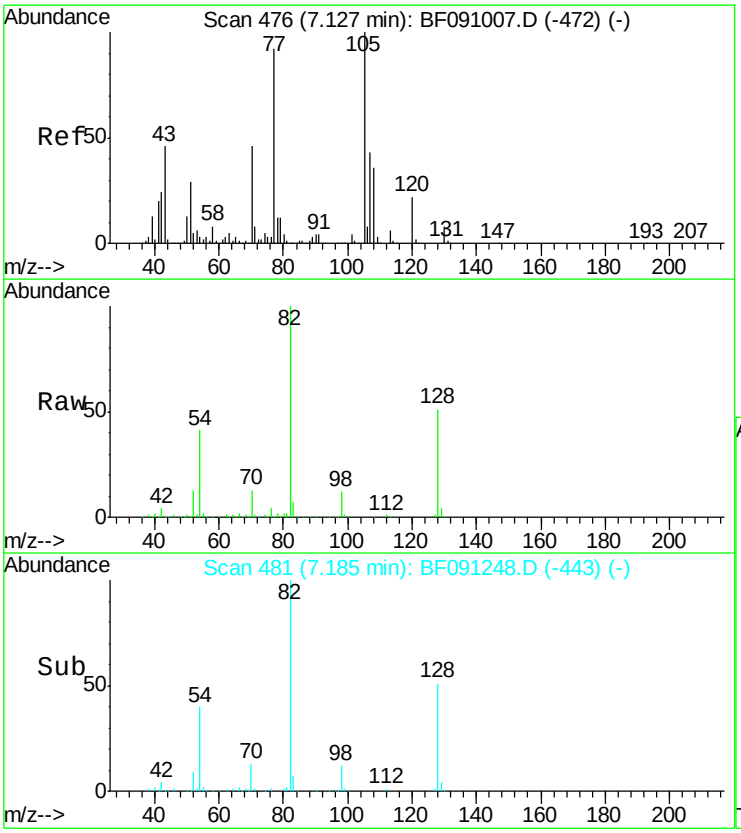
#10
Phenol
Concen: 6.47 ng
RT: 6.28 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion: 94 Resp: 92958

Ion	Ratio	Lower	Upper
94	100		
65	23.7	30.4	70.4#
66	32.8	62.9	102.9#

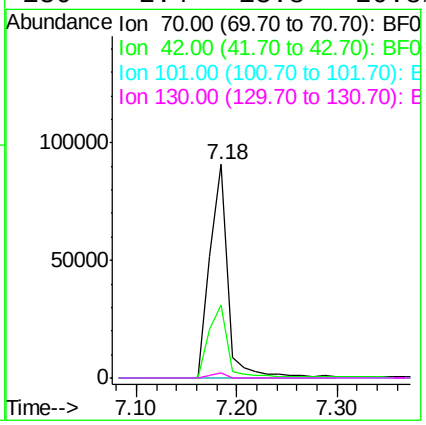


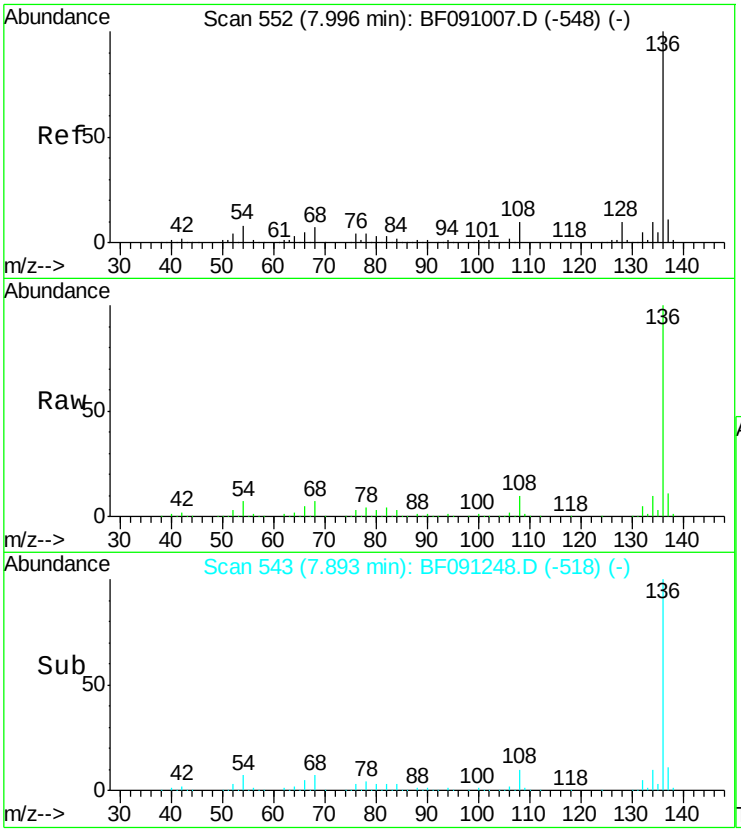


#19
n-Nitroso-di-n-propylamine
Concen: 12.68 ng
RT: 7.18 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion: 70 Resp: 114076

Ion	Ratio	Lower	Upper
70	100		
42	34.1	41.7	62.5#
101	0.0	6.7	10.1#
130	2.4	13.8	20.8#



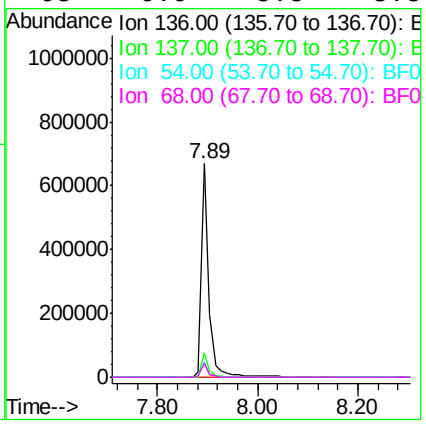


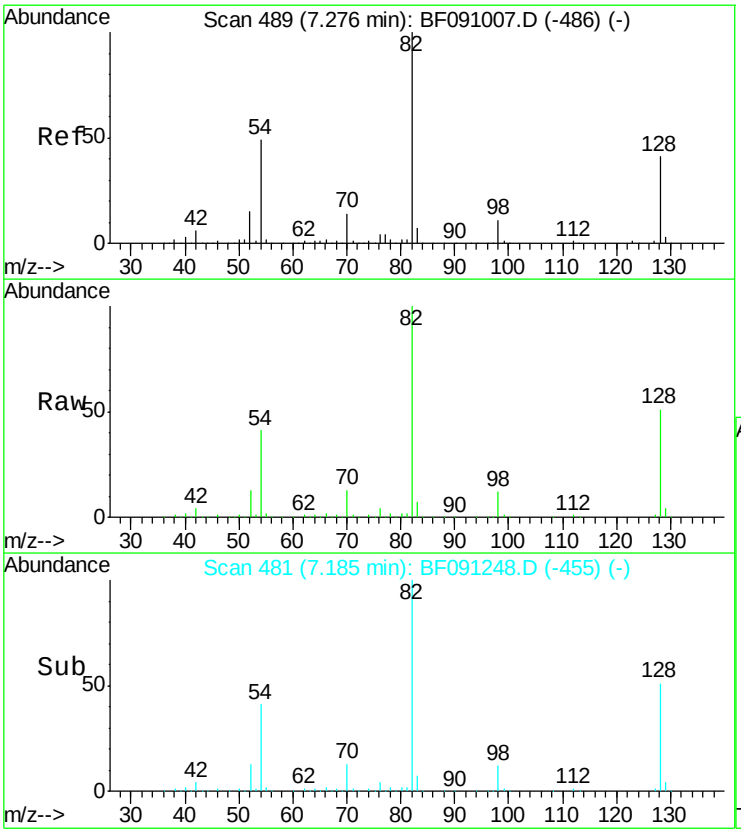
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion:136 Resp: 689987

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	6.2	9.2
68	6.9	5.5	8.3

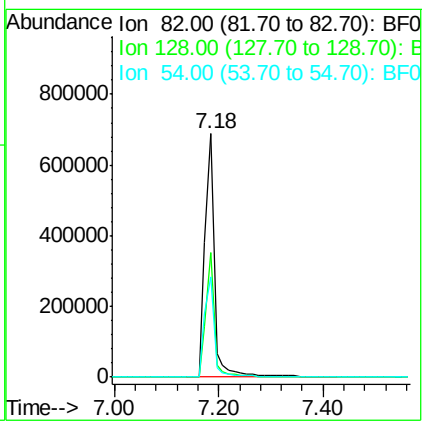


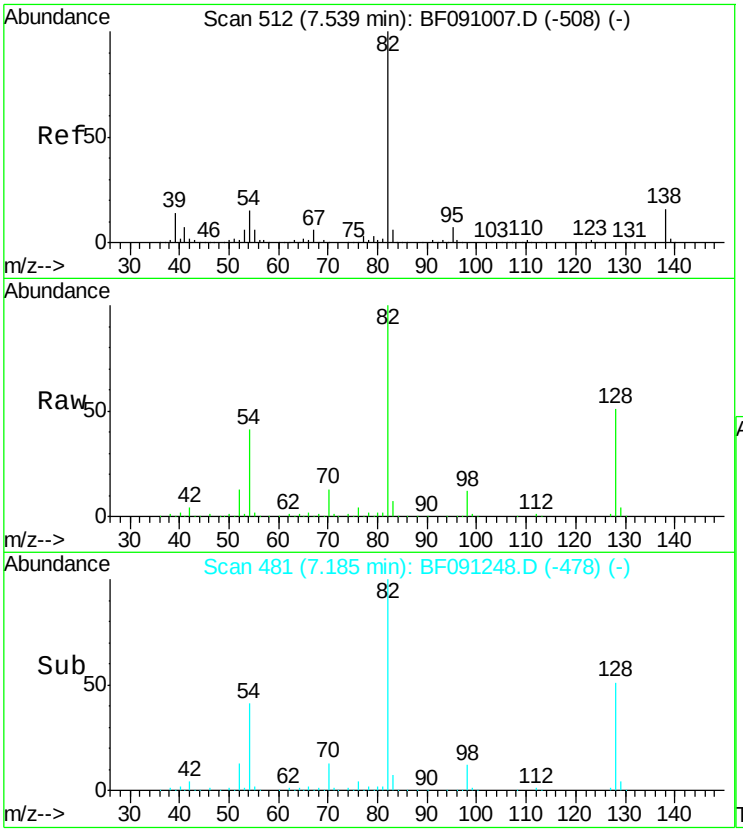


#23
Nitrobenzene-d5
Concen: 69.32 ng
RT: 7.18 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion: 82 Resp: 876737

Ion	Ratio	Lower	Upper
82	100		
128	51.3	32.4	48.6#
54	41.2	39.2	58.8



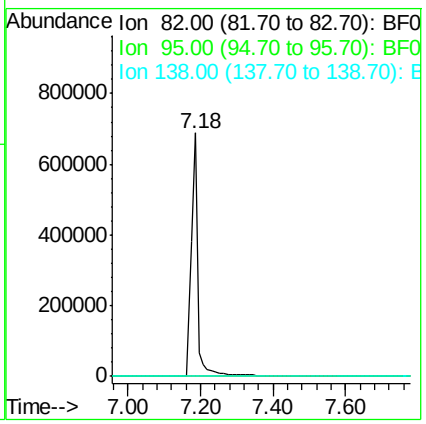


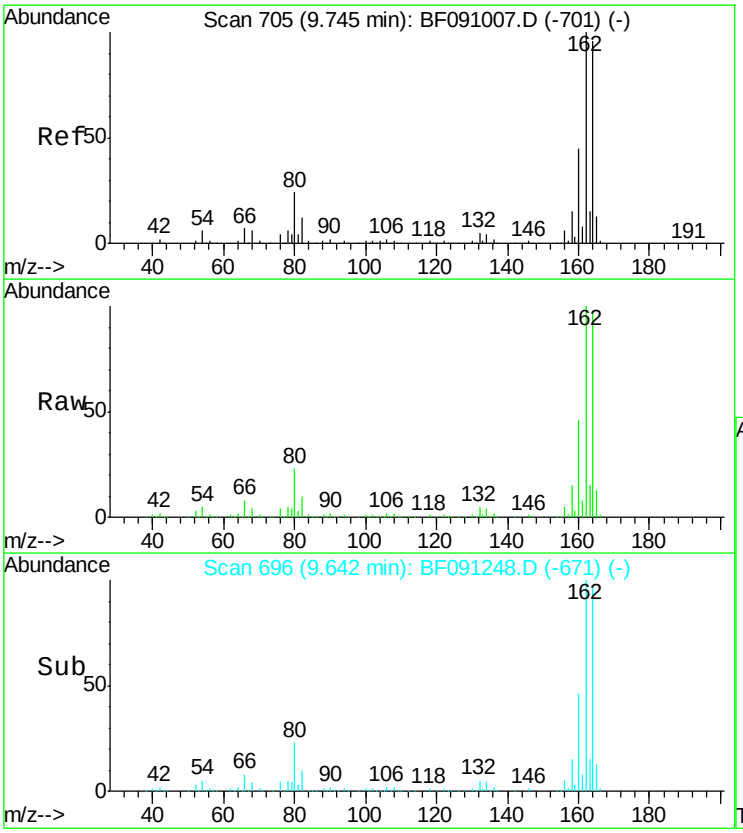
#25
Isophorone
Concen: 35.70 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.26 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion: 82 Resp: 870083

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

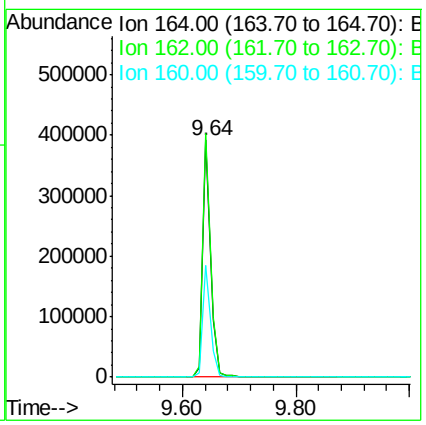


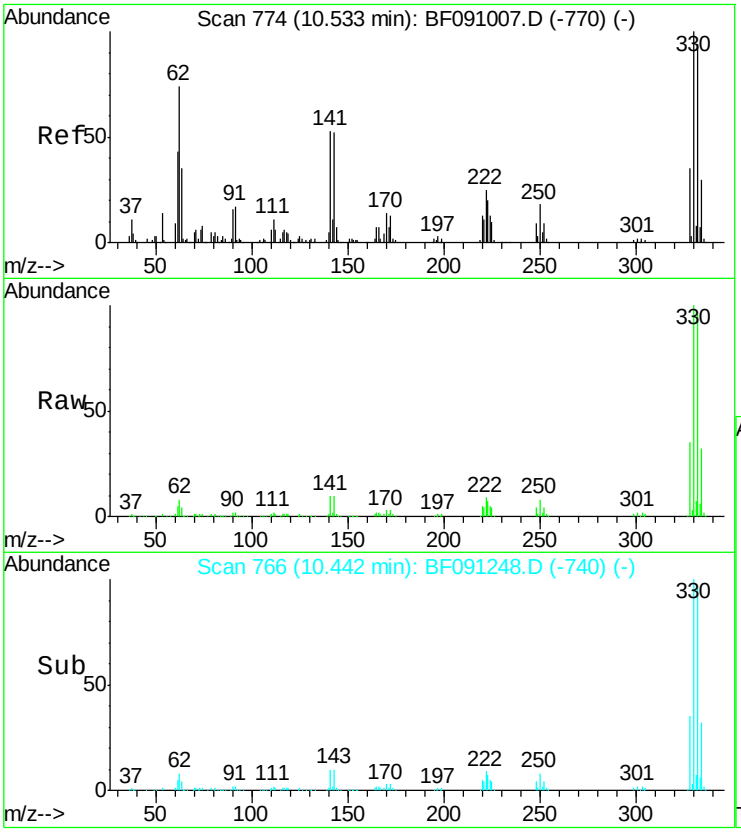


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion:164 Resp: 359608

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.6	125.4
160	47.3	37.9	56.9



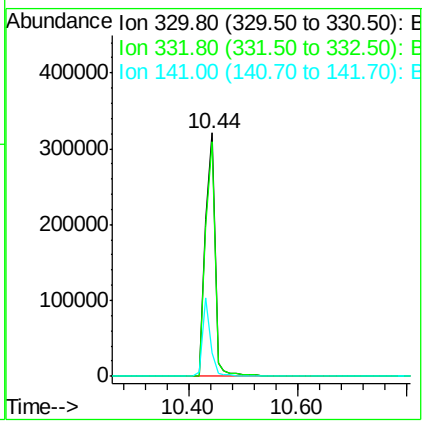


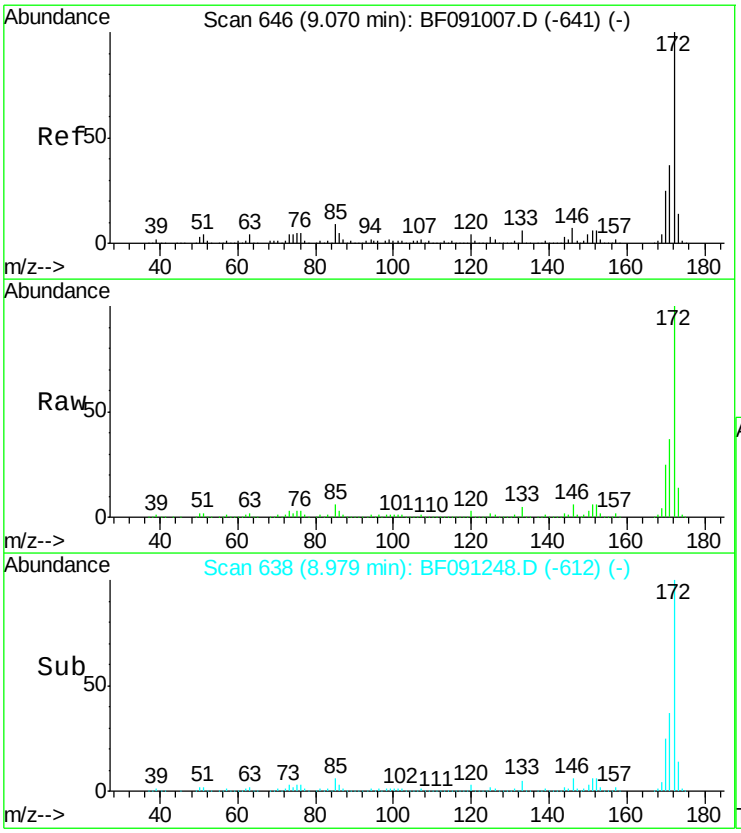
#41
2,4,6-Tribromophenol
Concen: 121.43 ng
RT: 10.44 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion:330 Resp: 394768

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.9	113.9
141	26.3	36.1	54.1#

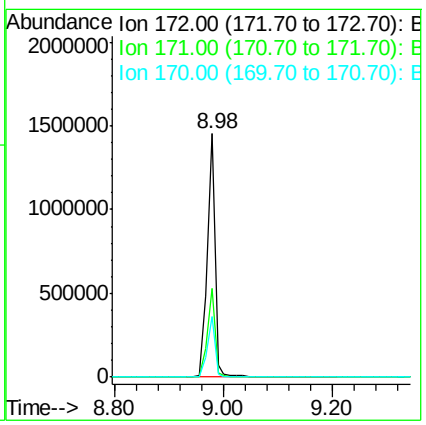


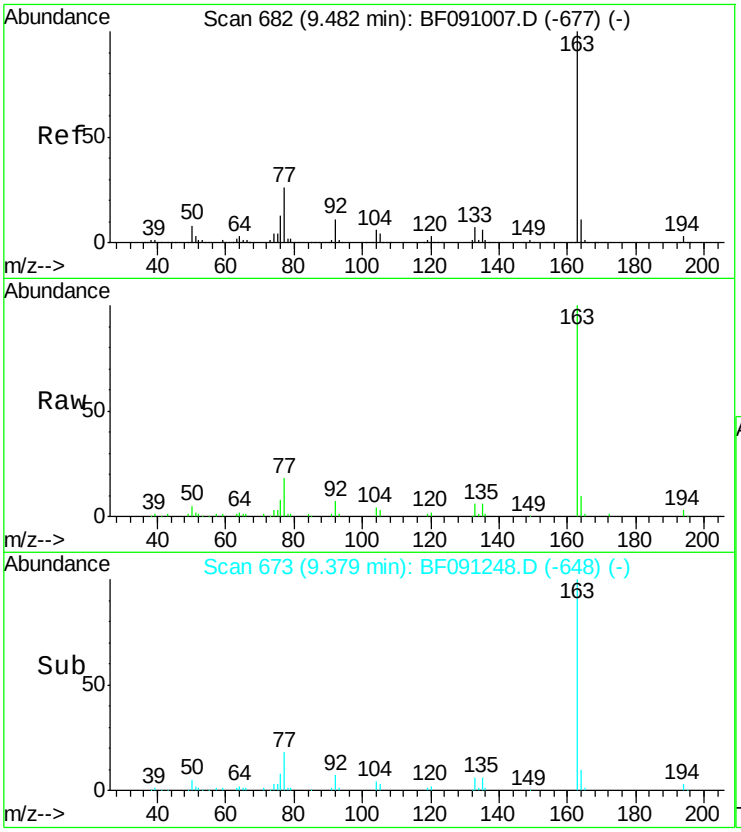


#44
2-Fluorobiphenyl
Concen: 69.08 ng
RT: 8.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion:172 Resp: 1442893

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.9	20.3	30.5



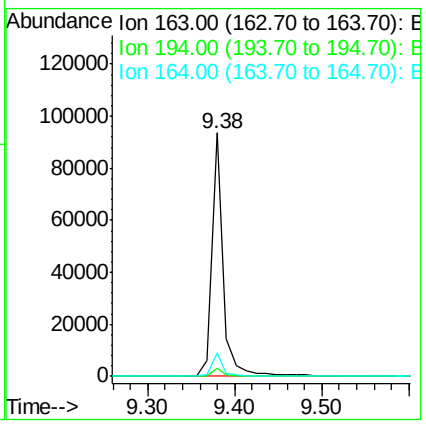


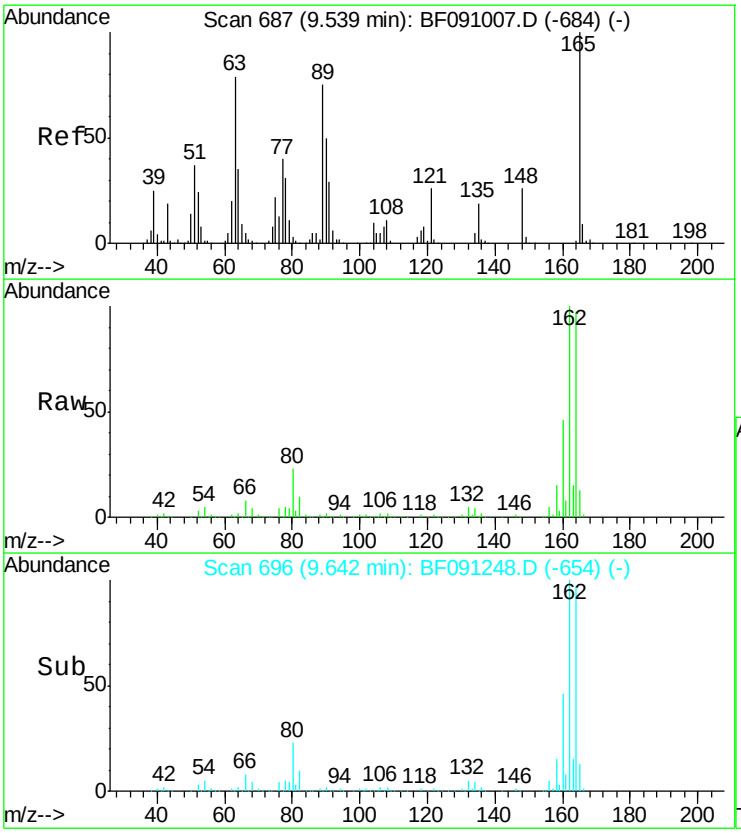
#49
Dimethylphthalate
Concen: 3.63 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion:163 Resp: 85549

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.7	13.1

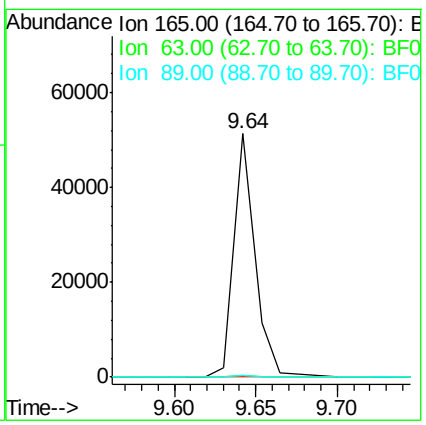


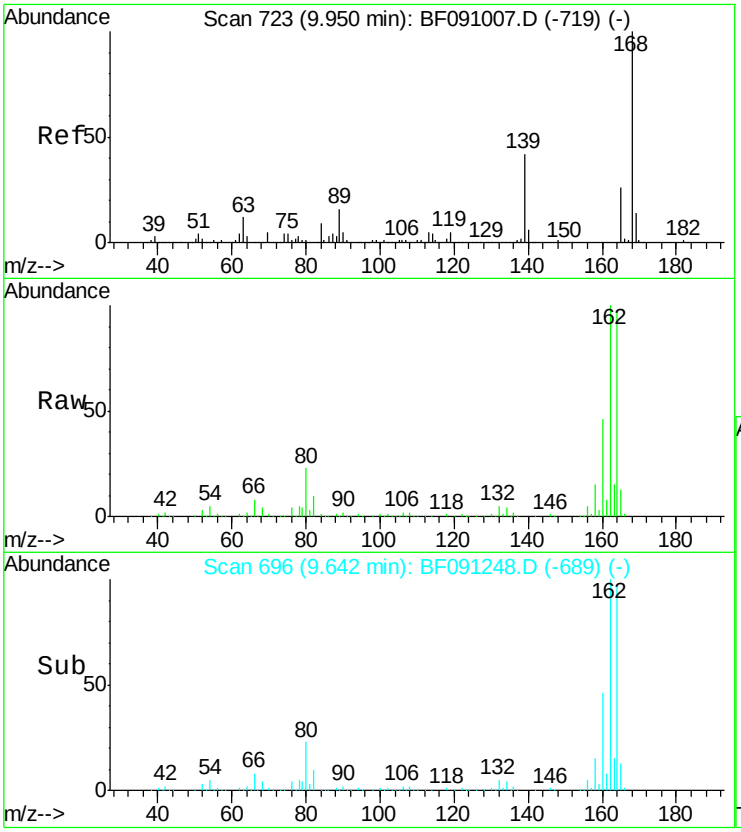


#50
2,6-Dinitrotoluene
Concen: 9.03 ng
RT: 9.64 min Scan# 696
Delta R.T. 0.18 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion:165 Resp: 45618

Ion	Ratio	Lower	Upper
165	100		
63	0.9	65.6	98.4#
89	0.9	59.8	89.6#



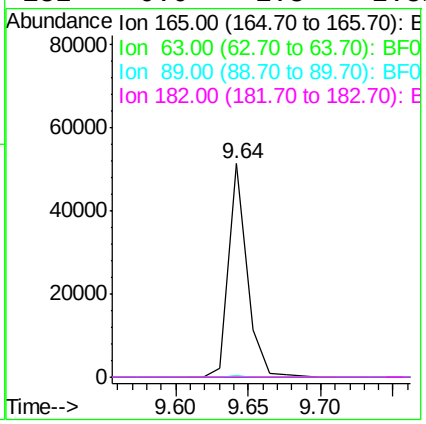


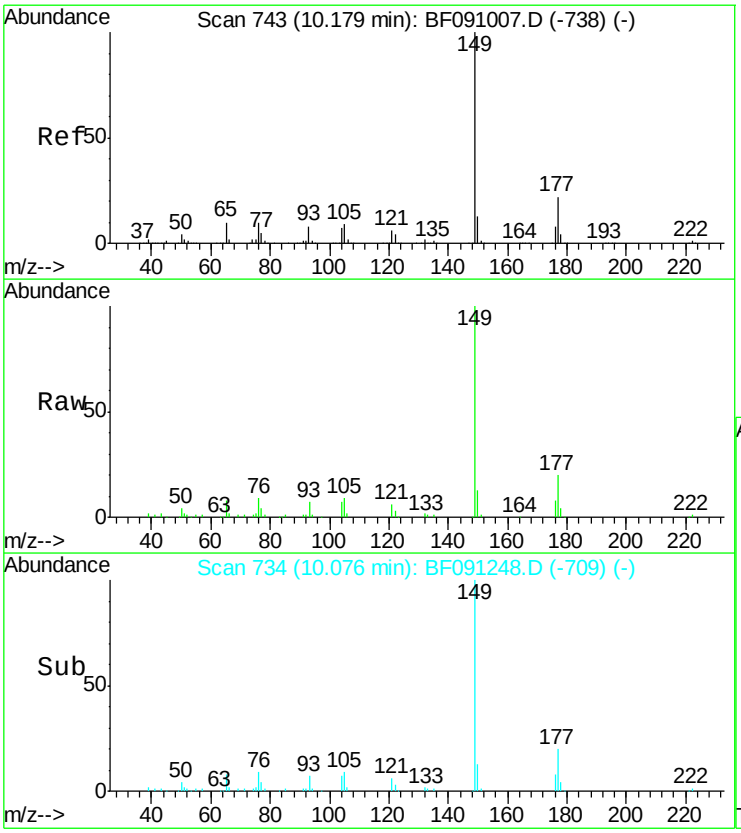
#56
2,4-Dinitrotoluene
Concen: 7.10 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.22 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion:165 Resp: 45620

Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.7	58.1#
89	0.9	50.6	76.0#
182	0.0	1.8	2.8#

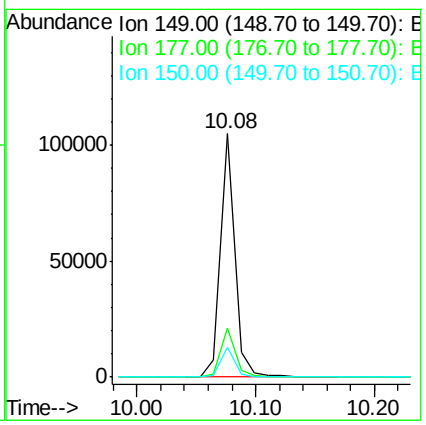


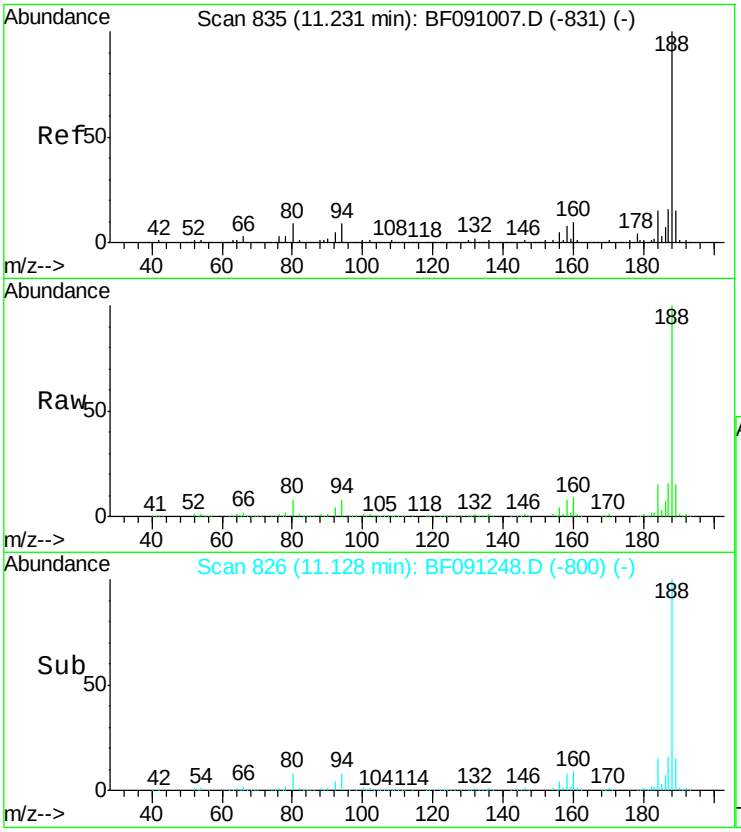


#59
Diethylphthalate
Concen: 3.60 ng
RT: 10.08 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion:149 Resp: 87115

Ion	Ratio	Lower	Upper
149	100		
177	20.0	17.3	25.9
150	12.5	10.3	15.5



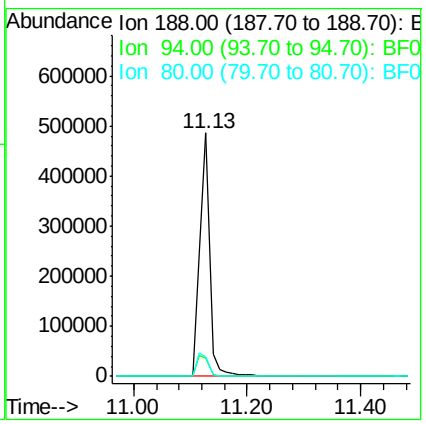


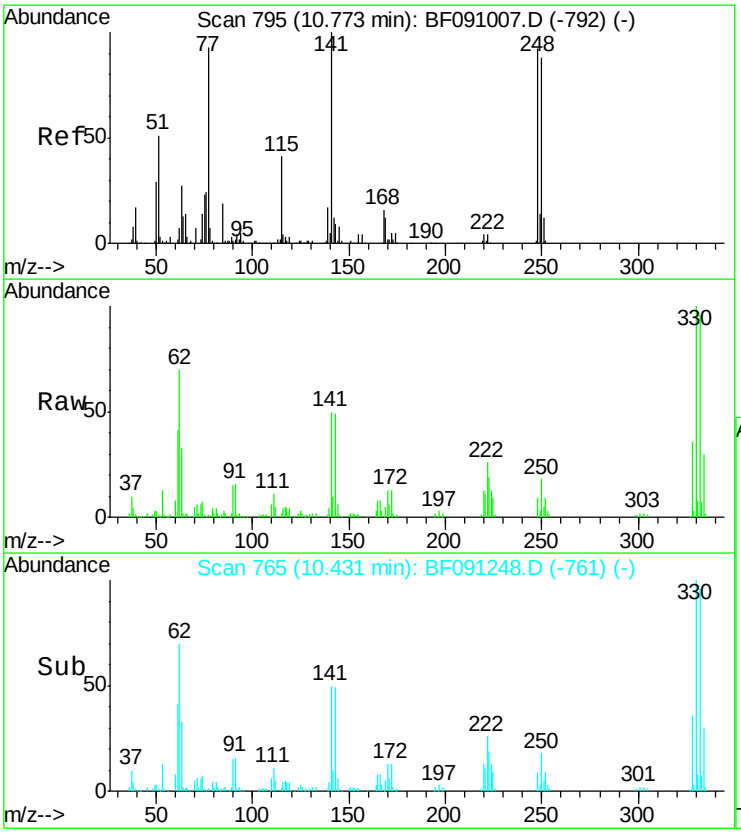
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion:188 Resp: 567017

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.4
80	7.8	7.5	11.3

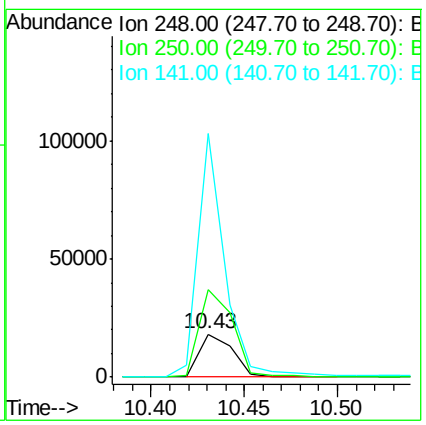


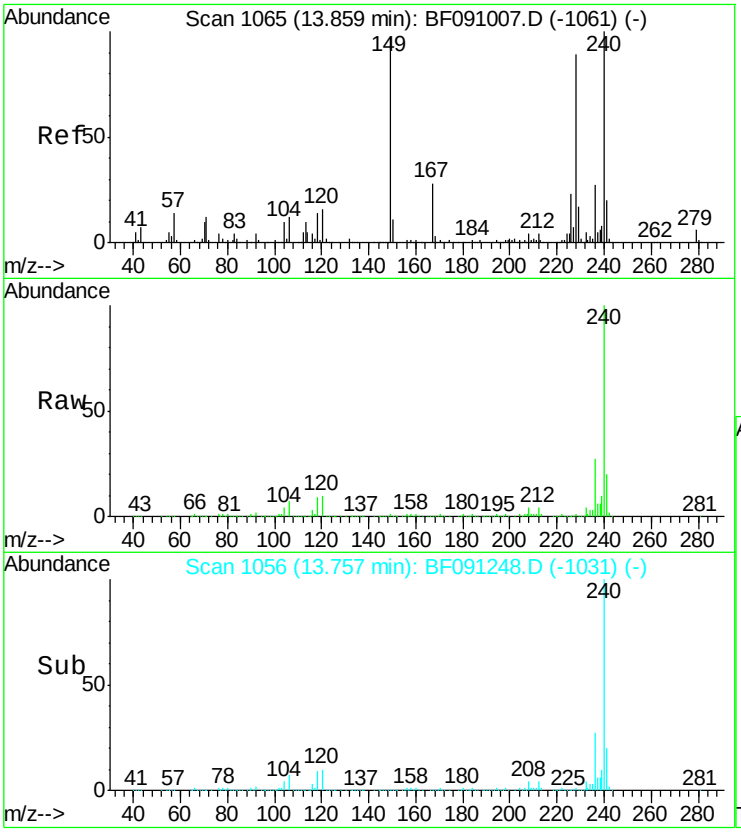


#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.25 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion:248 Resp: 22910

Ion	Ratio	Lower	Upper
248	100		
250	203.9	76.3	114.5#
141	564.8	86.8	130.2#



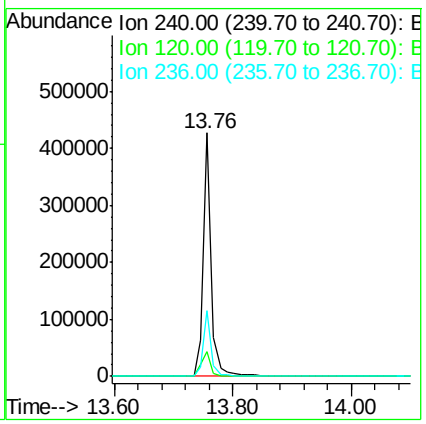


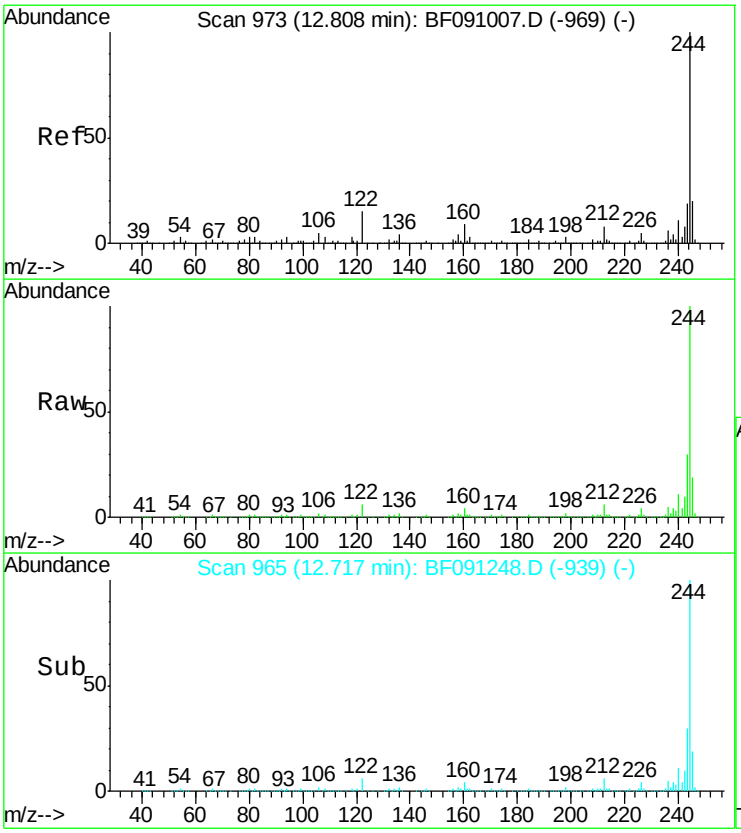
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion:240 Resp: 412154

Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.9	19.3#
236	26.8	21.9	32.9

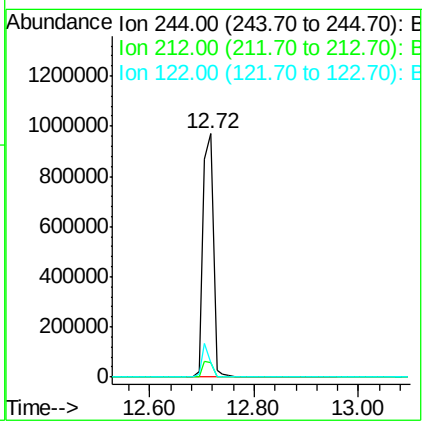


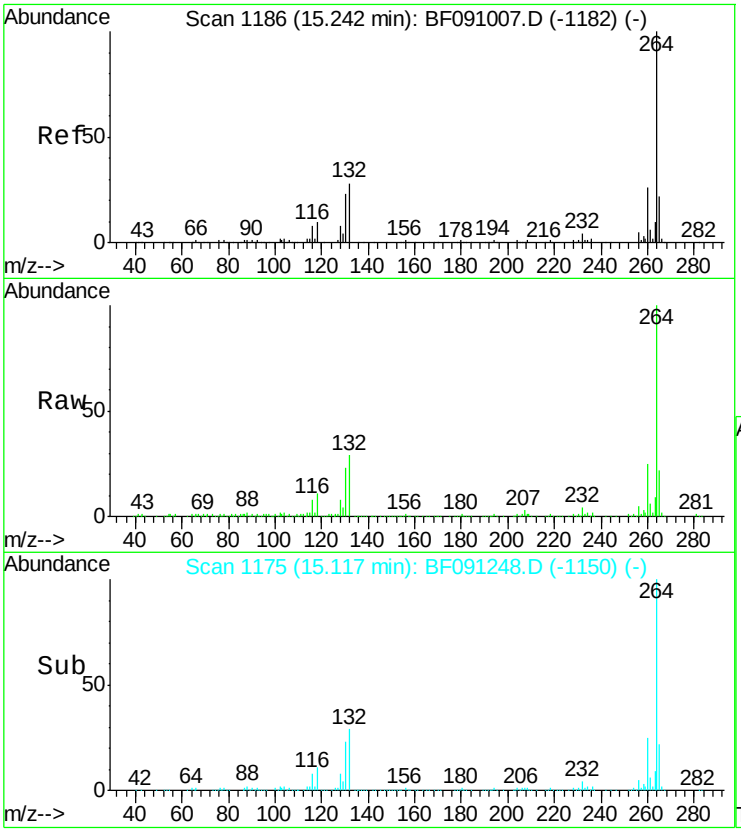


#78
Terphenyl-d14
Concen: 80.14 ng
RT: 12.72 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Tgt Ion:244 Resp: 1323600

Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.4	9.6#
122	5.8	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF091248.D
Acq: 18 Nov 2016 22:14

Instrument :
BNA_F
ClientSampleId :
V001-BF019-01

Tgt Ion:264 Resp: 331368

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	21.7	17.8	26.8