Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111545.D
Acq On : 17 Dec 2018 18:08
Operator : JU/SJ
Sample : J6438-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

Quant Time: Dec 18 04:10:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125213	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	500461	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	341013	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	553498	20.00	ng		0.00
76) Chrysene-d12	13.94	240	358313	20.00	ng		0.00
87) Perylene-d12	15.39	264	376279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	598756	79.57	ng		0.01
7) Phenol-d6	6.45	99	398402	39.80	ng		0.00
23) Nitrobenzene-d5	7.35	82	772956	91.97	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	369790	121.05	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1448158	65.60	ng		0.00
79) Terphenyl-d14	12.90	244	1457033	95.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	207846	57.192	ng	#	1
9) Benzaldehyde	6.33	77	23384	3.852	ng		97
10) Phenol	6.46	94	50724	4.549	ng		96
15) Benzyl Alcohol	6.94	79	285932	37.545	ng		93
20) 3+4-Methylphenols	7.22	107	64913	7.152	ng	#	58
25) Isophorone	7.35	82	772947	54.356	ng	#	64
27) 2,4-Dimethylphenol	7.75	122	24446	3.793	ng		97
32) Benzoic acid	7.96	122	294328	52.842	ng		98
36) 4-Chloro-3-methylphenol	8.65	107	54064	7.138	ng	#	20
50) Dimethylphthalate	9.54	163	84146	3.426	ng	#	93
66) n-Nitrosodiphenylamine	10.48	169	62954	3.298	ng		94
67) 4-Bromophenyl-phenylether	10.62	248	24762	4.151	ng	#	1

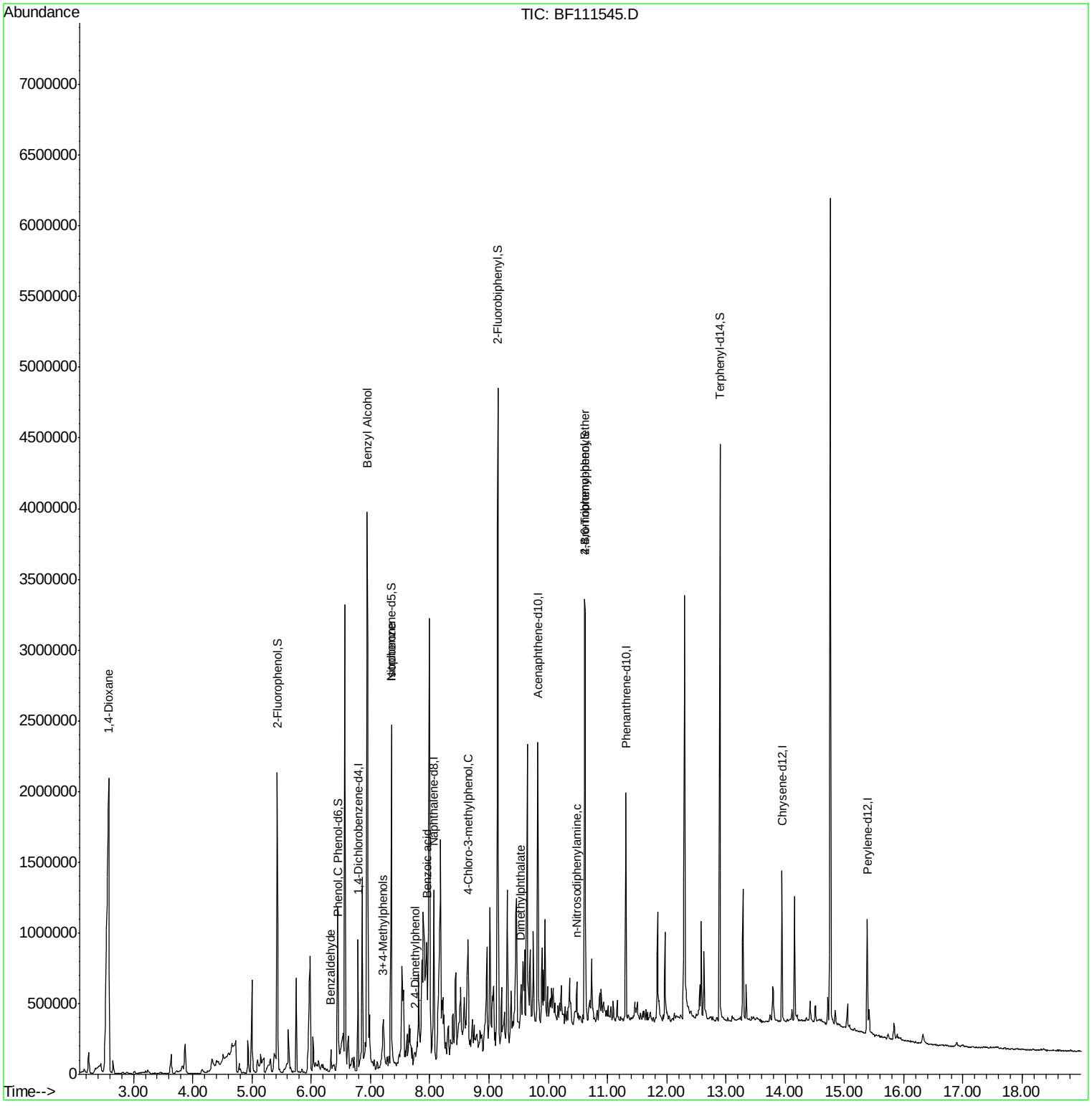
(#) = qualifier out of range (m) = manual integration (+) = signals summed

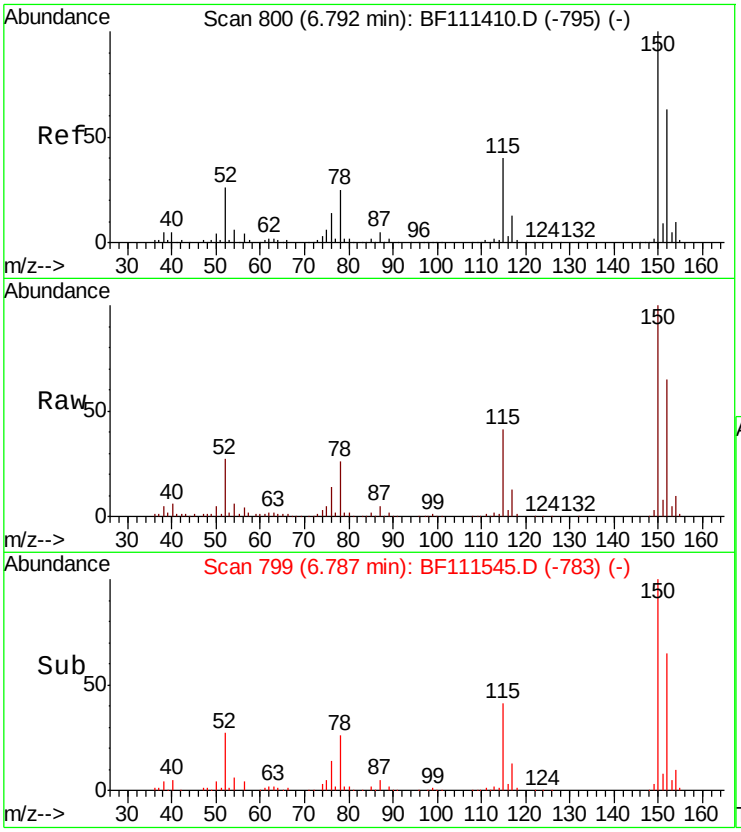
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111545.D
Acq On : 17 Dec 2018 18:08
Operator : JU/SJ
Sample : J6438-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: Dec 18 04:10:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



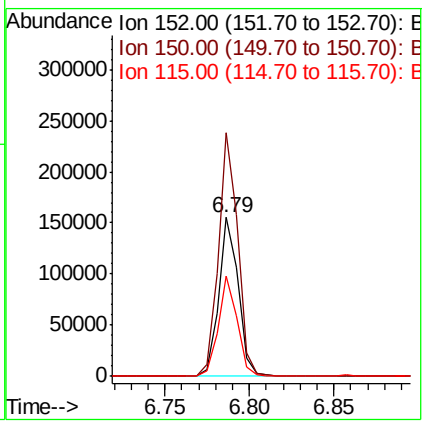


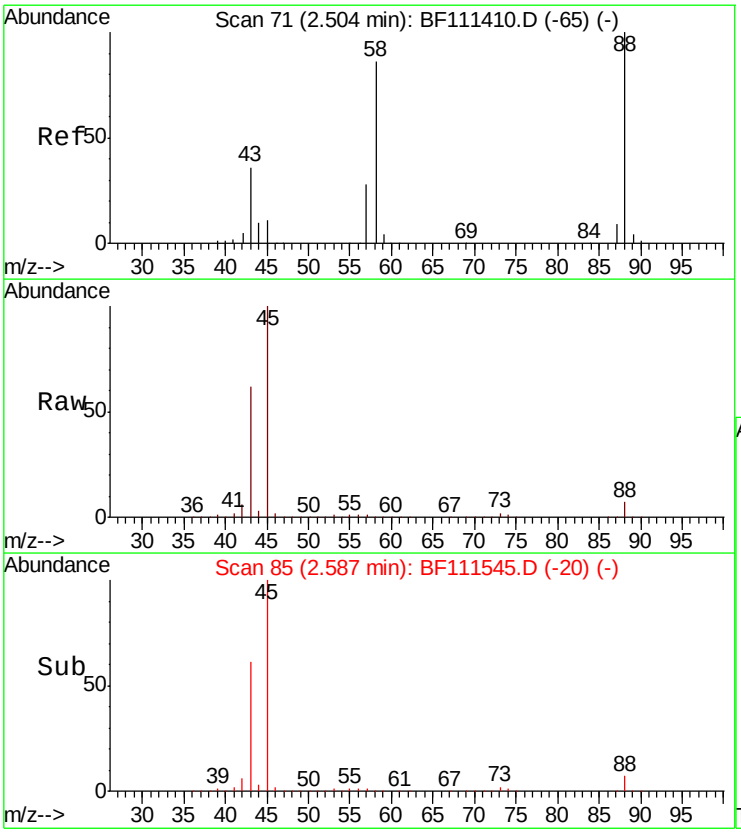
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 125213

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	62.9	50.7	76.1

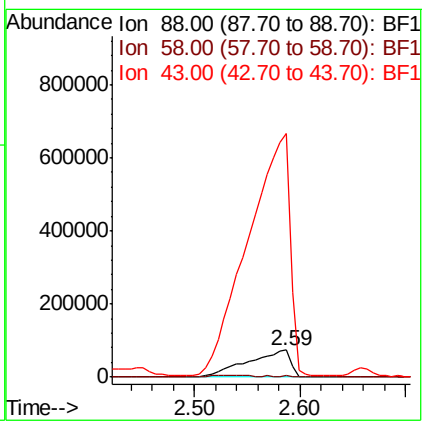


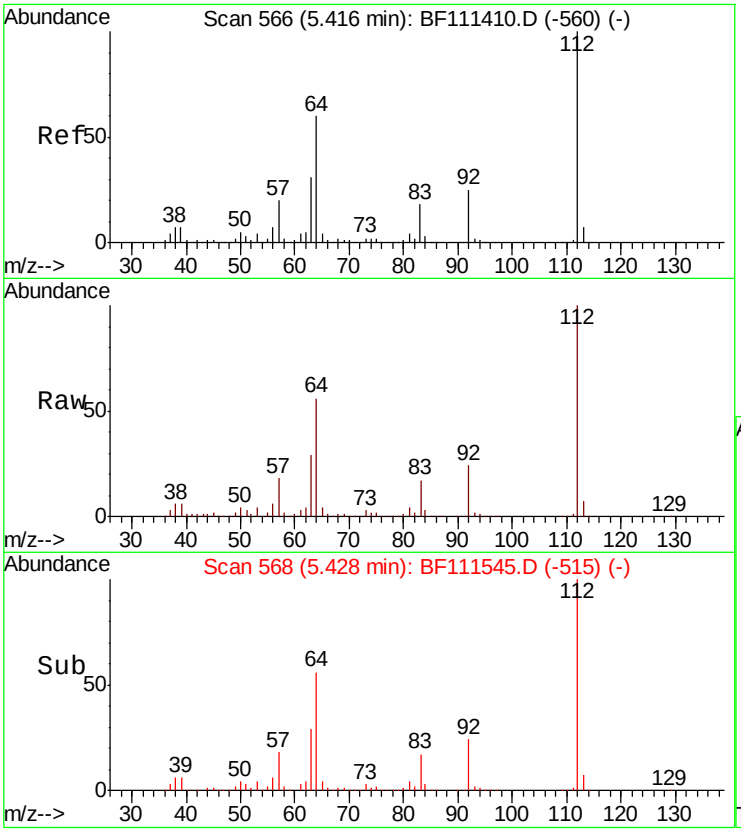


#2
1,4-Dioxane
Concen: 57.192 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion: 88 Resp: 207846

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.9	103.3#
43	887.9	25.8	38.6#



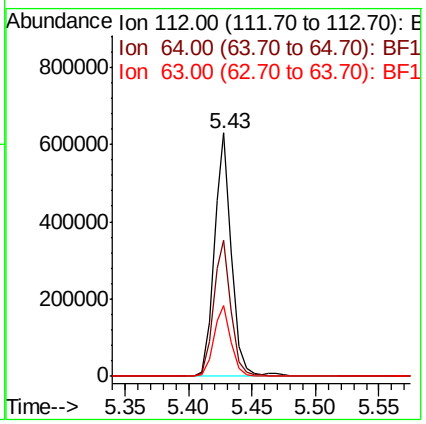


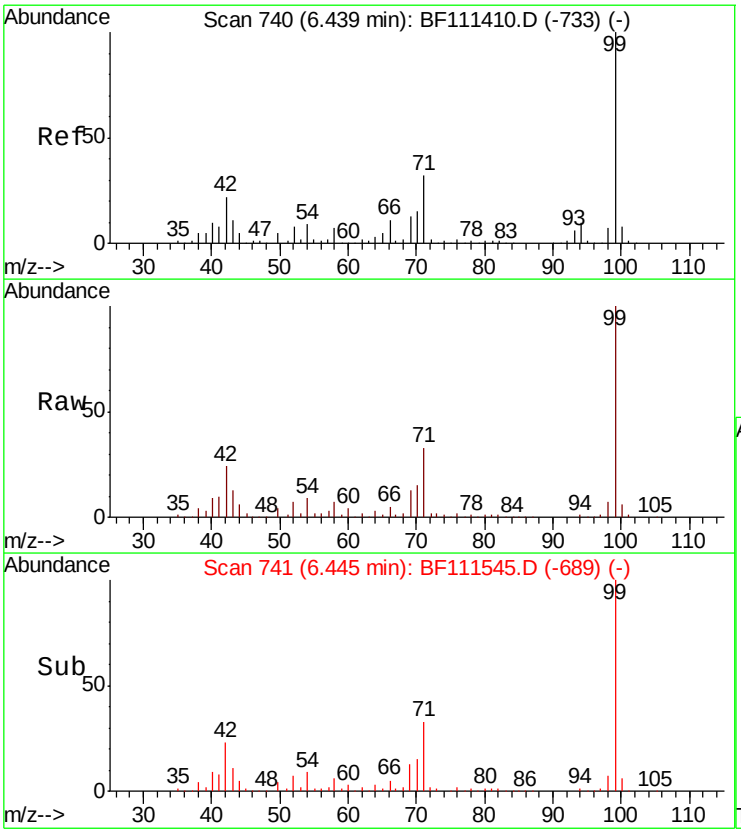
#5
2-Fluorophenol
Concen: 79.574 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:112 Resp: 598756

Ion	Ratio	Lower	Upper
112	100		
64	55.9	51.8	77.6
63	29.1	26.8	40.2

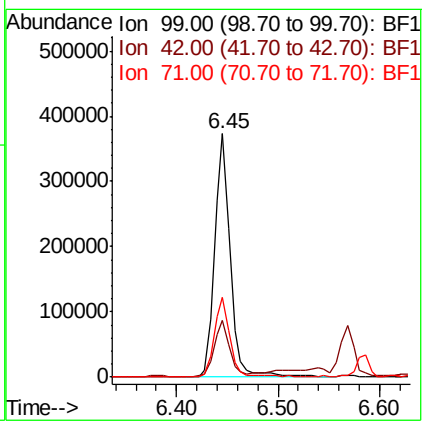


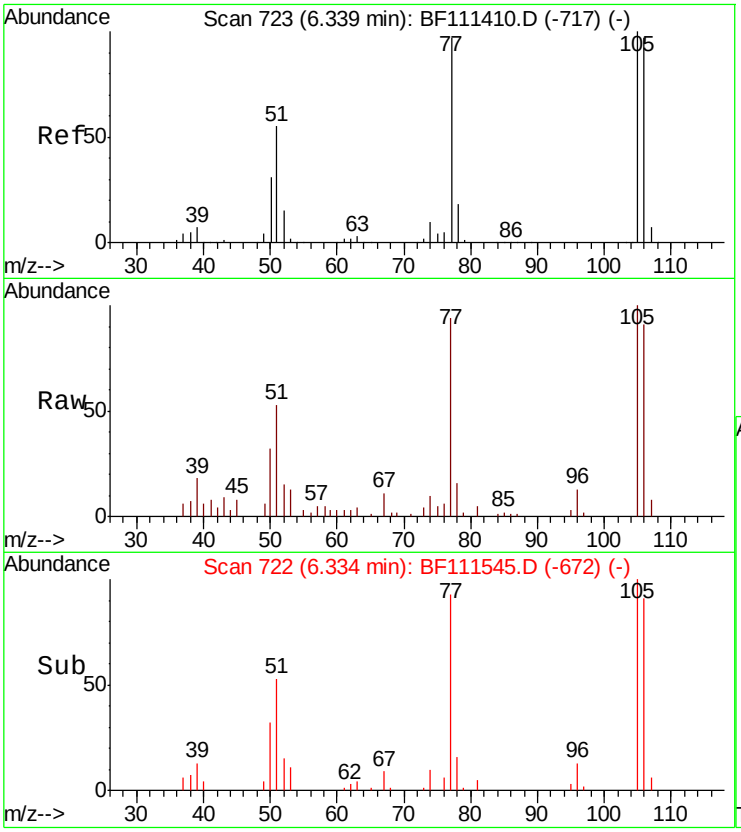


#7
Phenol-d6
Concen: 39.805 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion: 99 Resp: 398402

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.4	26.0
71	33.0	26.1	39.1



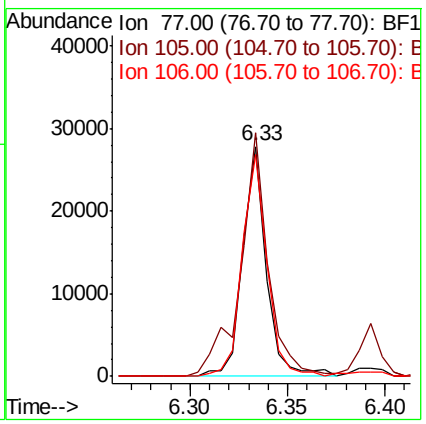


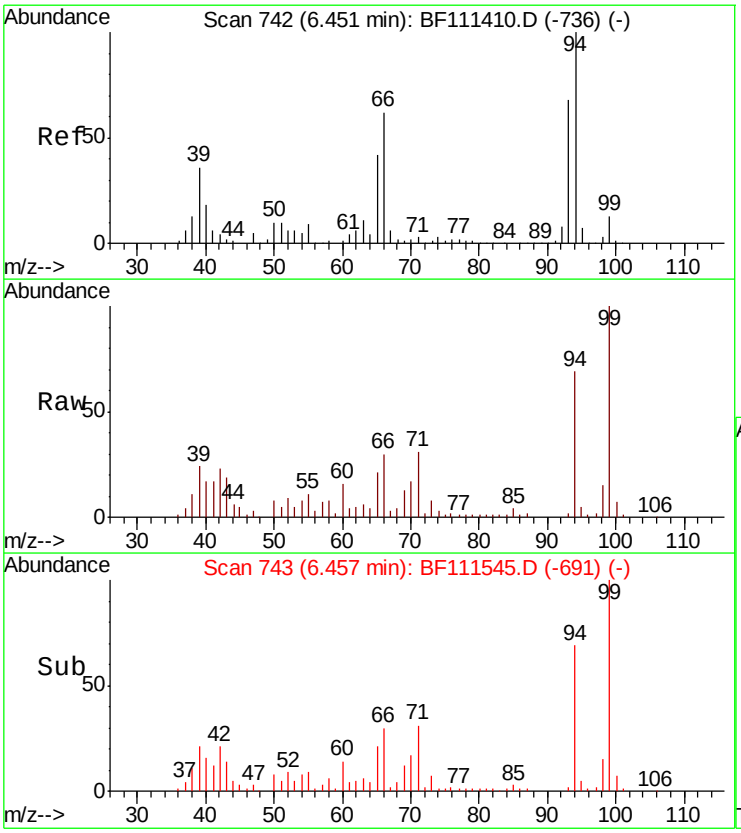
#9
Benzaldehyde
Concen: 3.852 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 77 Resp: 23384

Ion	Ratio	Lower	Upper
77	100		
105	105.9	81.4	121.4
106	96.5	77.9	117.9

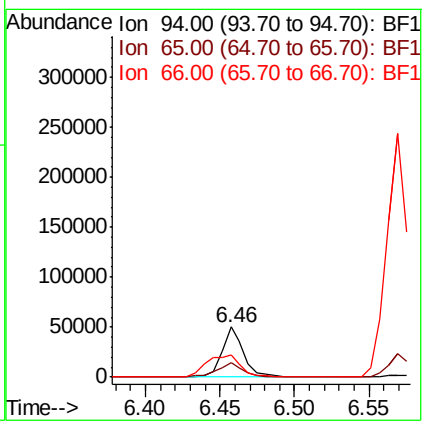


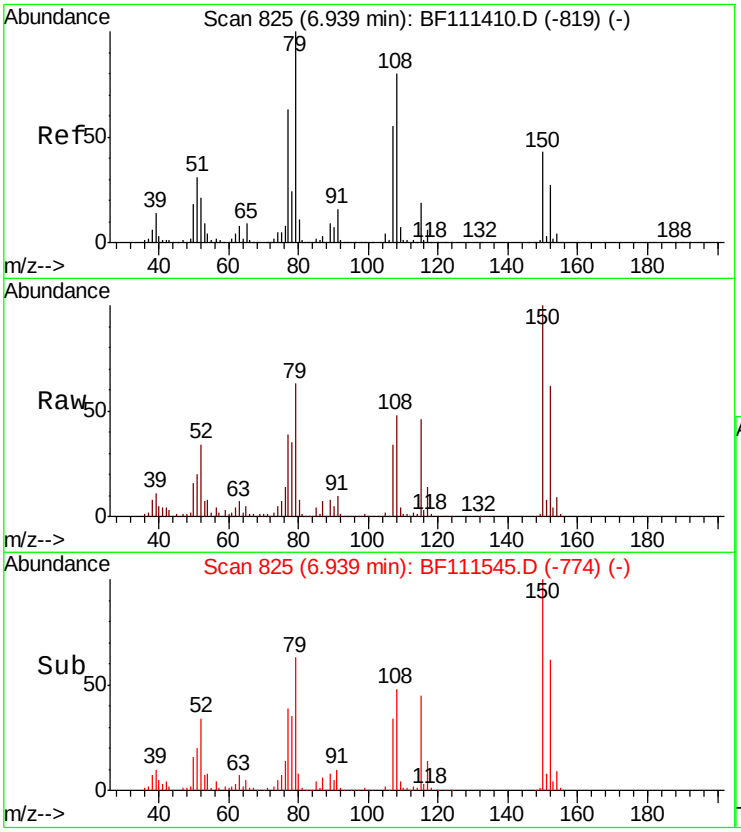


#10
Phenol
Concen: 4.549 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion: 94 Resp: 50724

Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.7	51.7
66	44.1	21.0	61.0



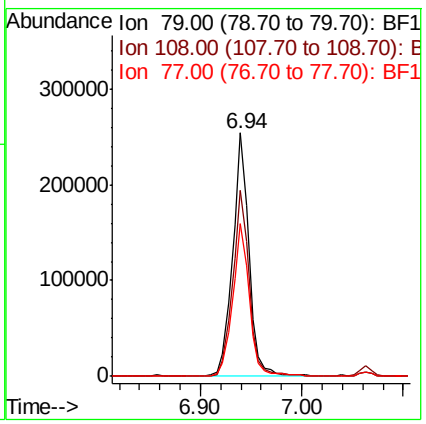


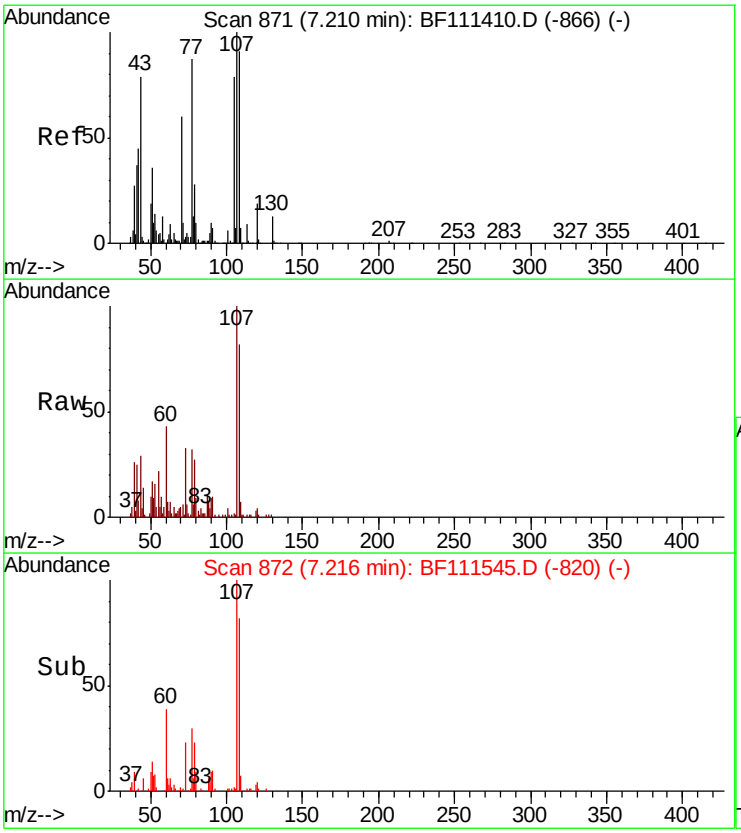
#15
Benzyl Alcohol
Concen: 37.545 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 79 Resp: 285932

Ion	Ratio	Lower	Upper
79	100		
108	76.4	69.4	104.2
77	62.5	49.7	74.5

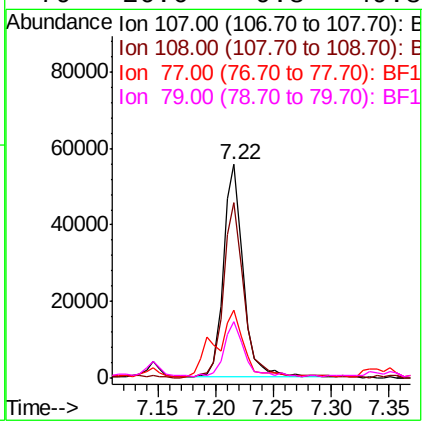


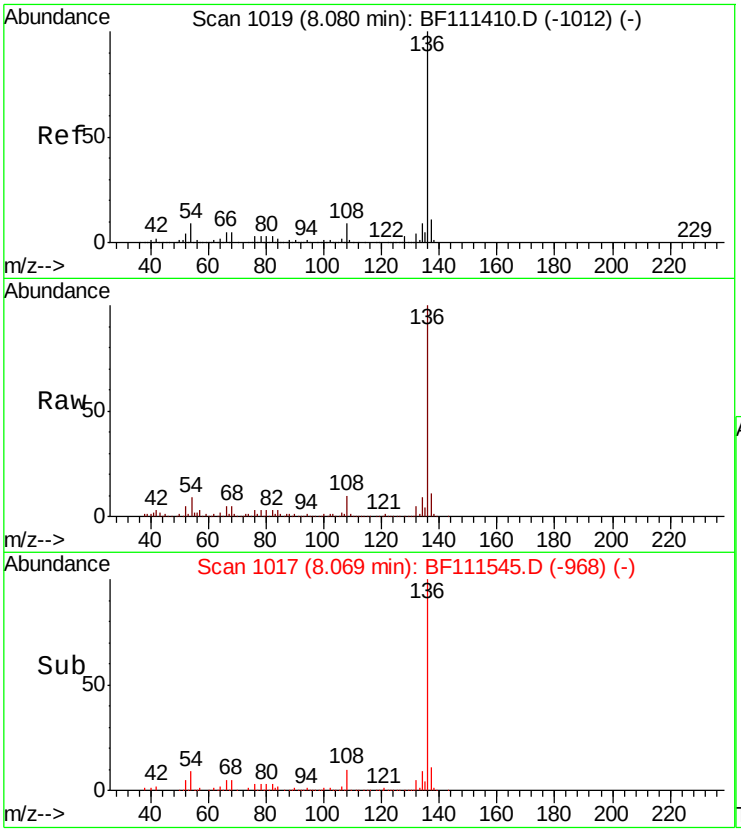


#20
3+4-Methylphenols
Concen: 7.152 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:107 Resp: 64913

Ion	Ratio	Lower	Upper
107	100		
108	82.1	72.1	112.1
77	31.8	94.1	134.1#
79	26.6	9.8	49.8



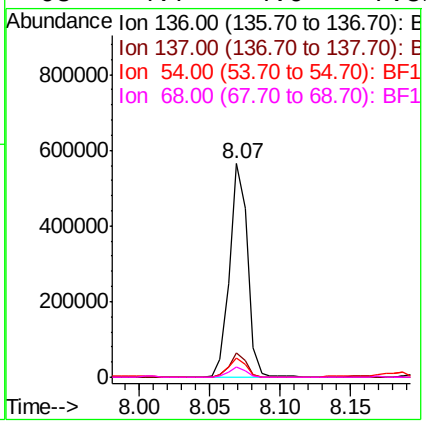


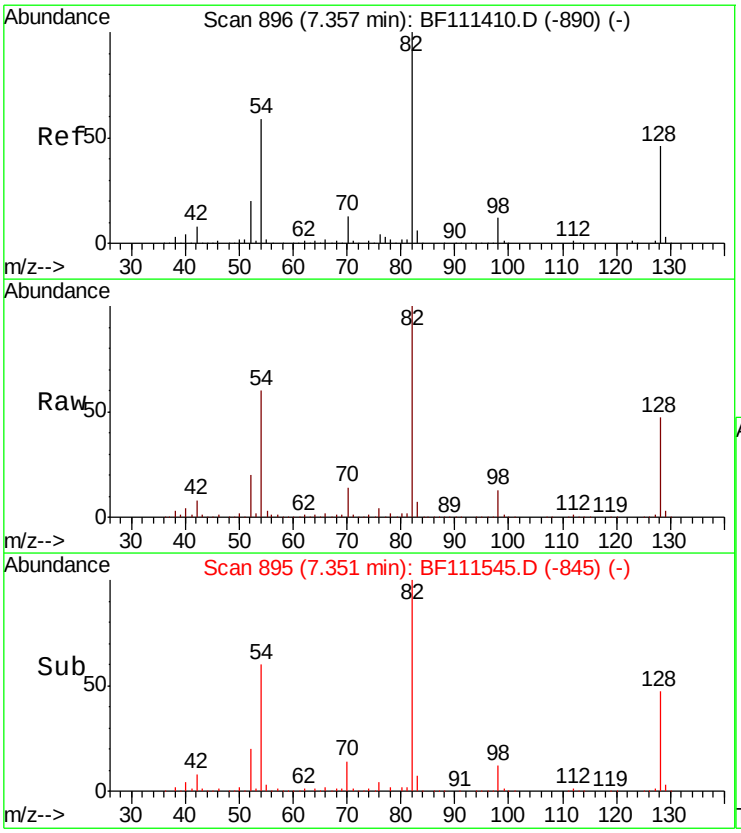
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:136 Resp: 500461

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.1	7.7	11.5
68	4.7	4.9	7.3#

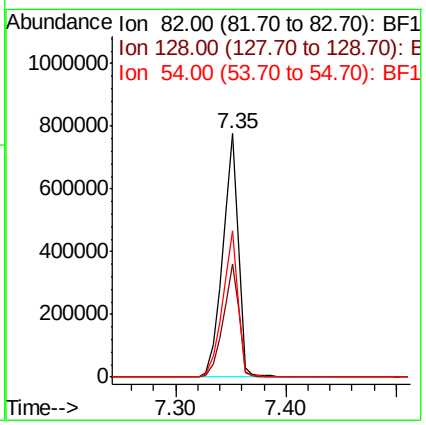


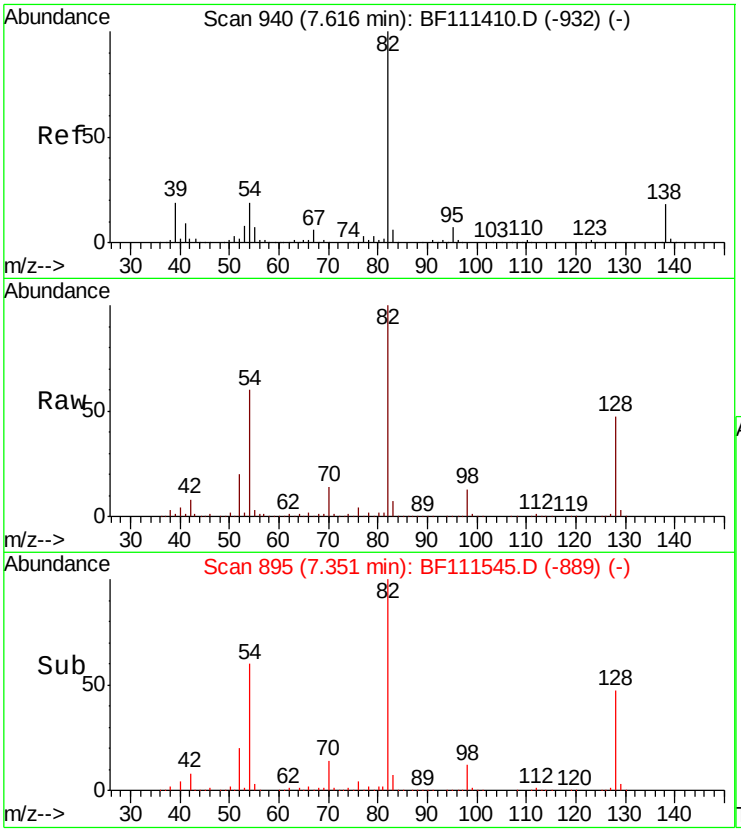


#23
Nitrobenzene-d5
Concen: 91.972 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion: 82 Resp: 772956

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.2
54	60.3	47.6	71.4



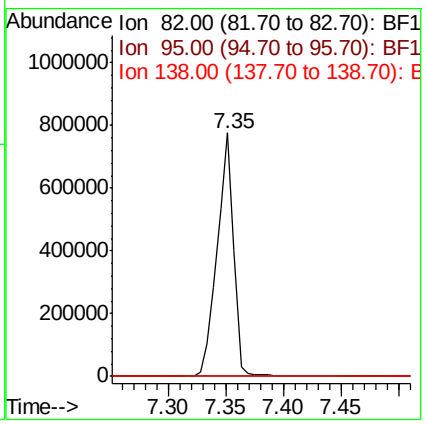


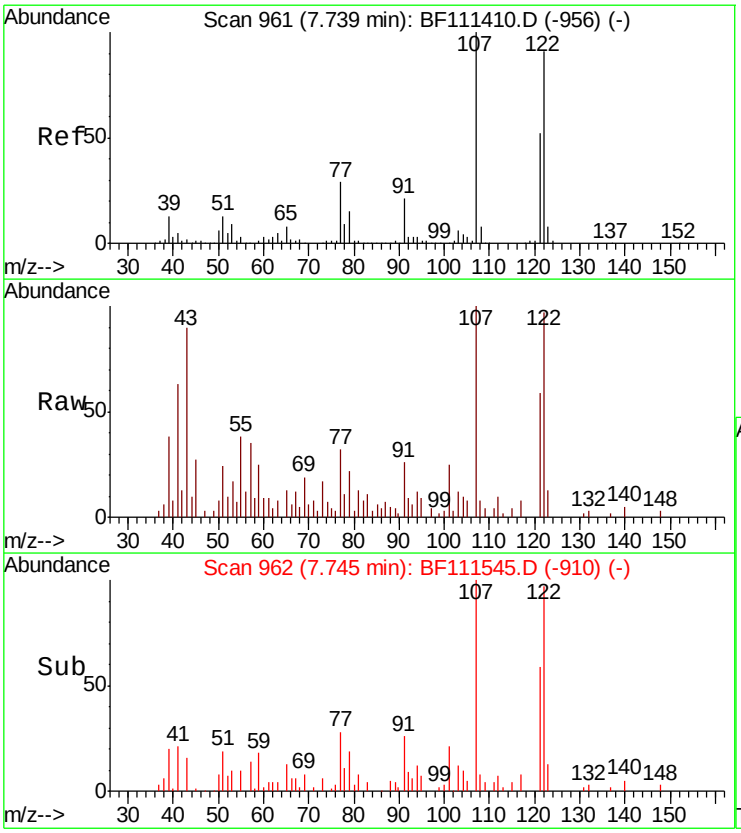
#25
Isophorone
Concen: 54.356 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 772947

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#

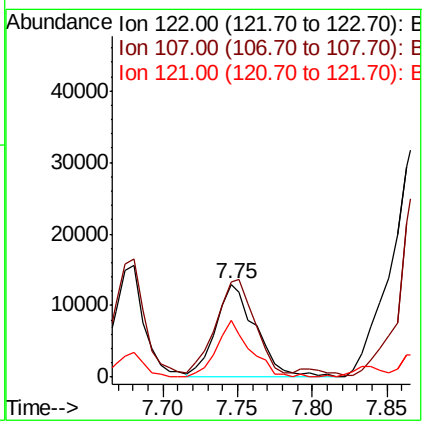


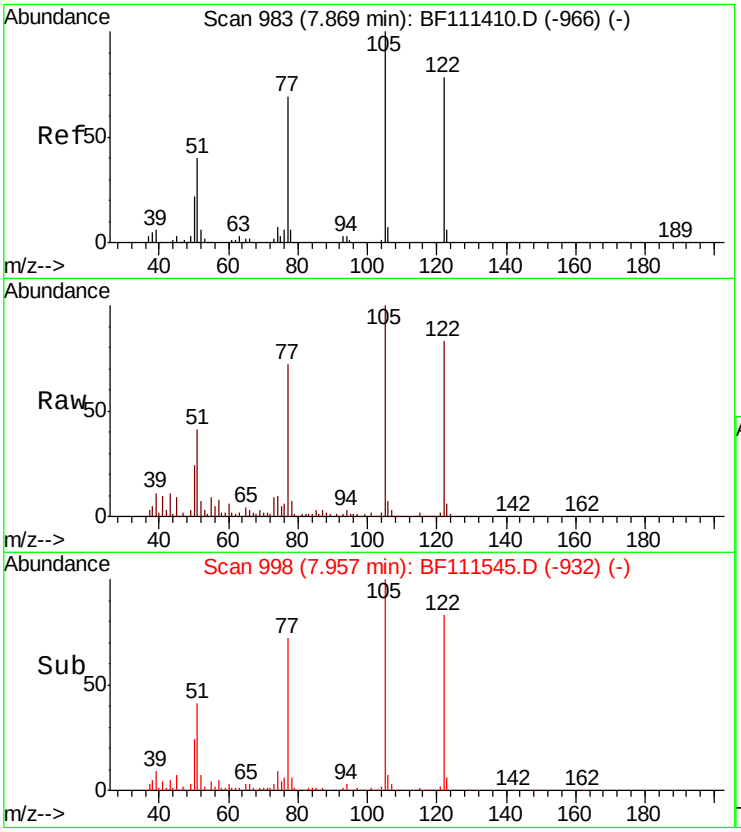


#27
2,4-Dimethylphenol
Concen: 3.793 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:122 Resp: 24446

Ion	Ratio	Lower	Upper
122	100		
107	103.4	85.5	128.3
121	60.8	46.6	70.0



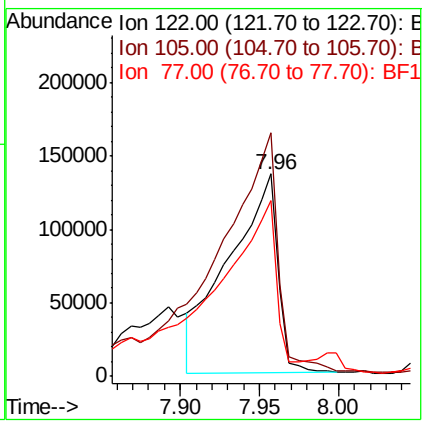


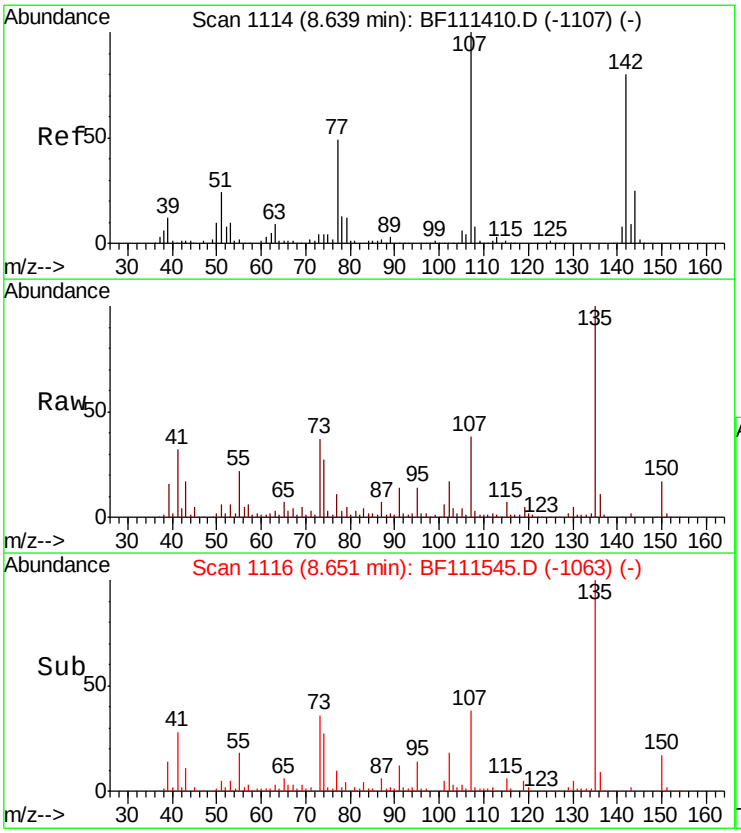
#32
Benzoic acid
Concen: 52.842 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.09 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:122 Resp: 294328

Ion	Ratio	Lower	Upper
122	100		
105	120.2	97.0	137.0
77	86.9	65.7	105.7

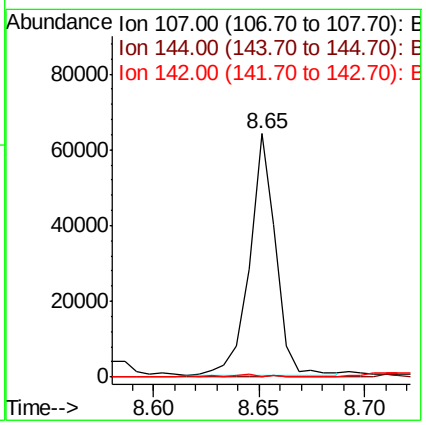


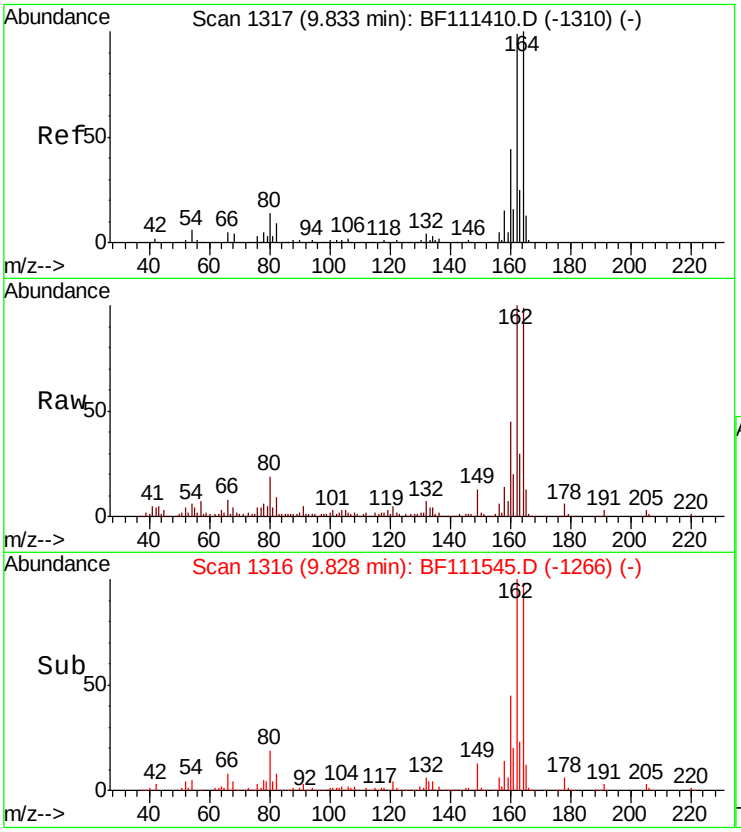


#36
4-Chloro-3-methylphenol
Concen: 7.138 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:107 Resp: 54064

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	62.3	93.5#



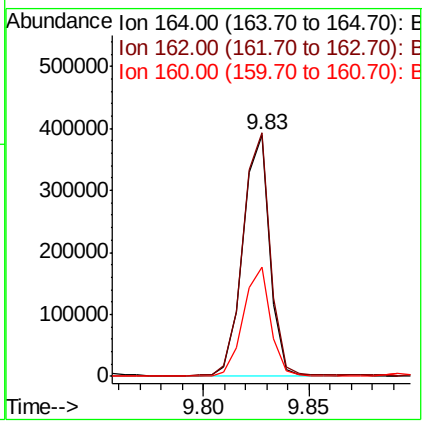


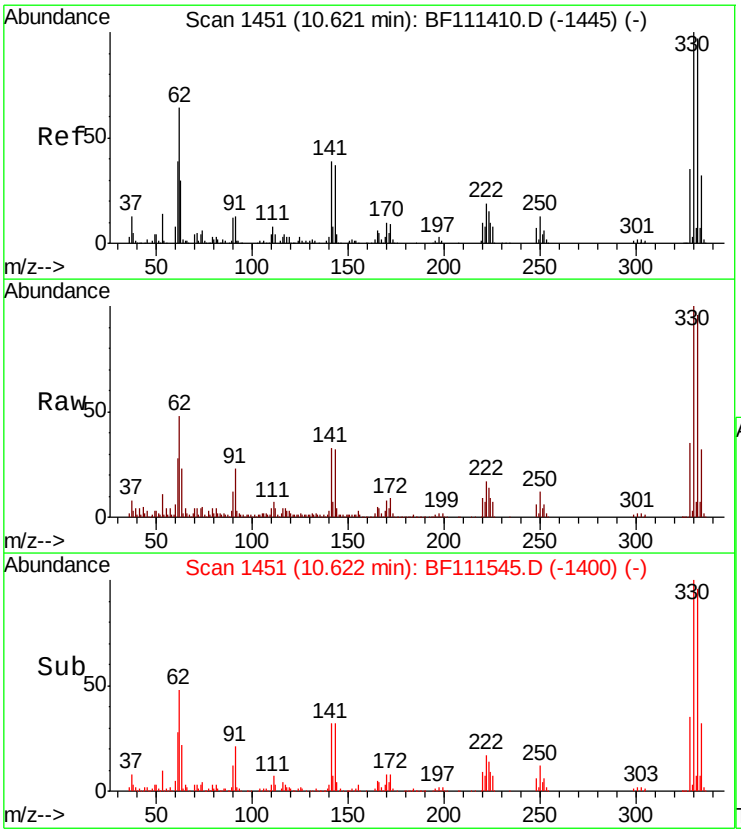
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:164 Resp: 341013

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	45.1	35.7	53.5

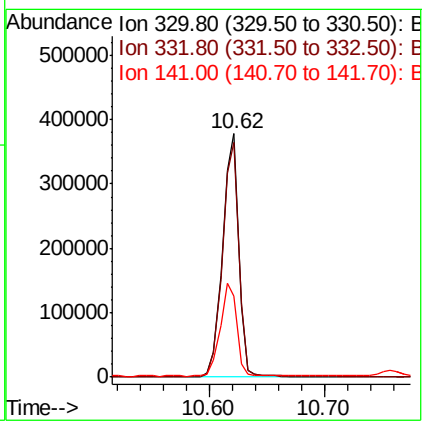


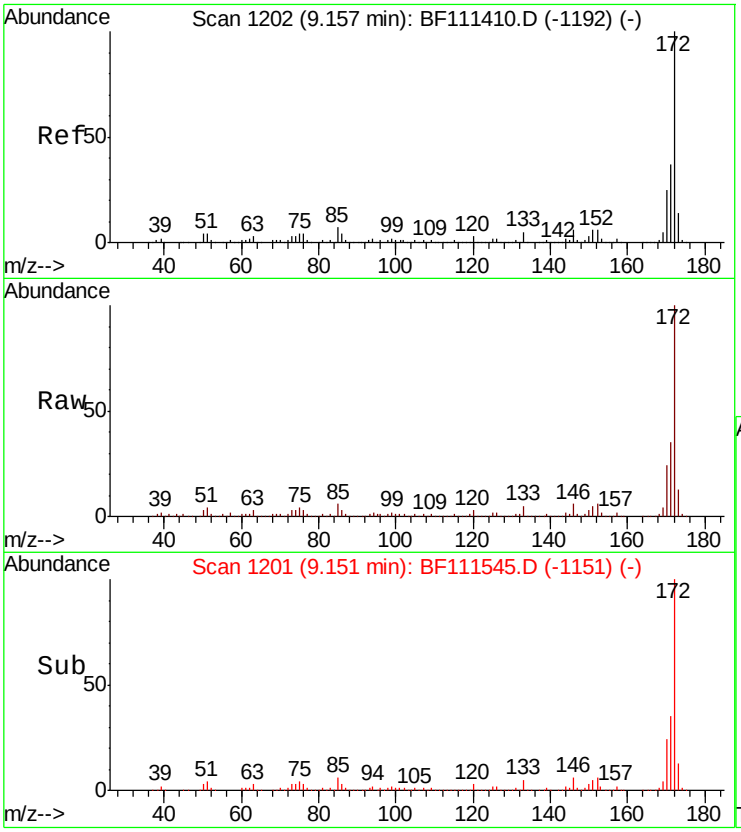


#42
2,4,6-Tribromophenol
Concen: 121.054 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:330 Resp: 369790

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	39.1	31.0	46.6



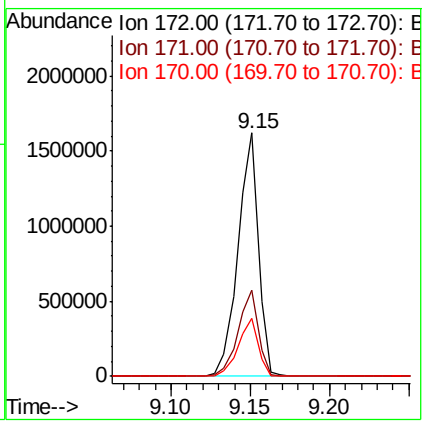


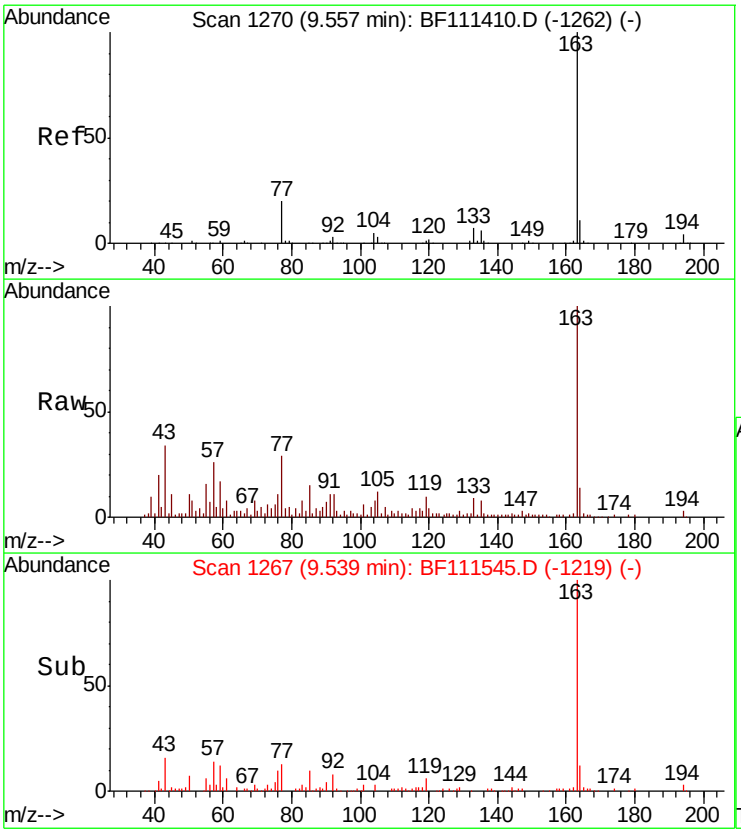
#45
2-Fluorobiphenyl
Concen: 65.595 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:172 Resp: 1448158

Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.7	22.3	33.5

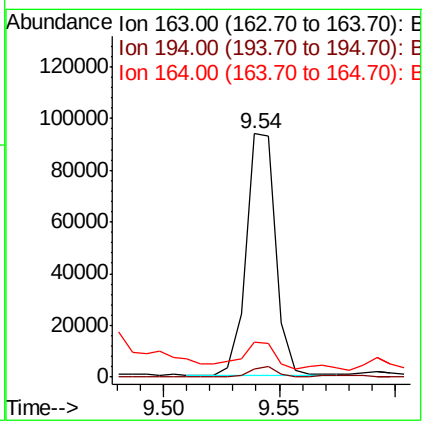


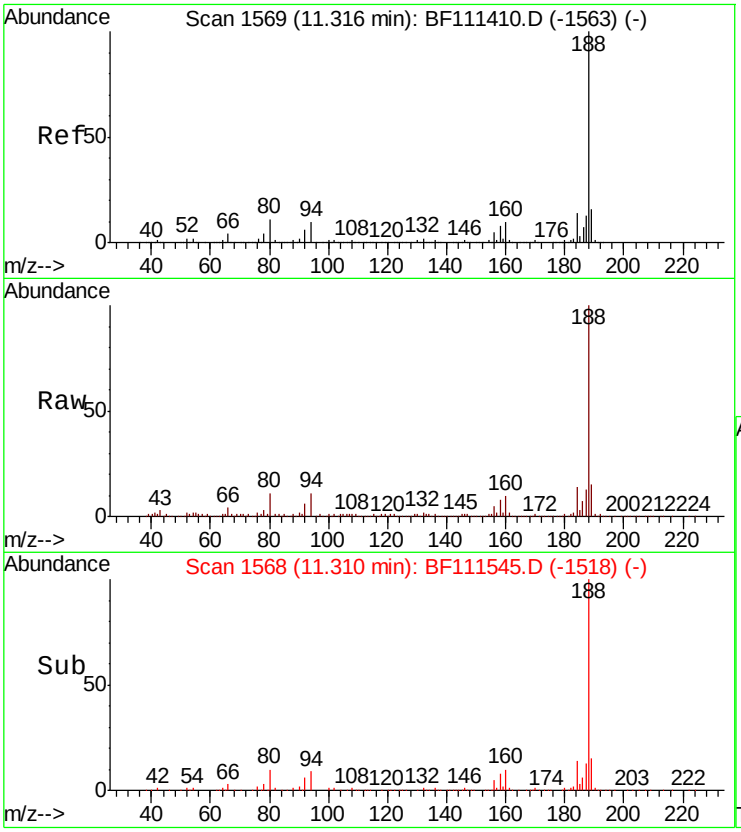


#50
Dimethylphthalate
Concen: 3.426 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:163 Resp: 84146

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	14.2	8.9	13.3#



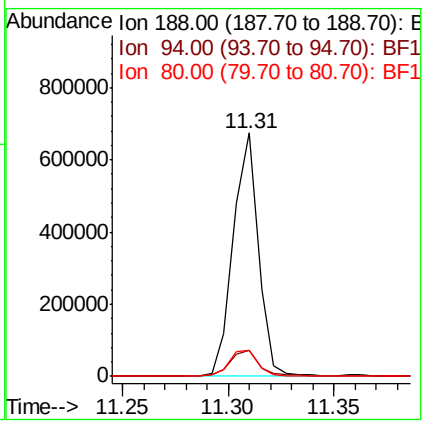


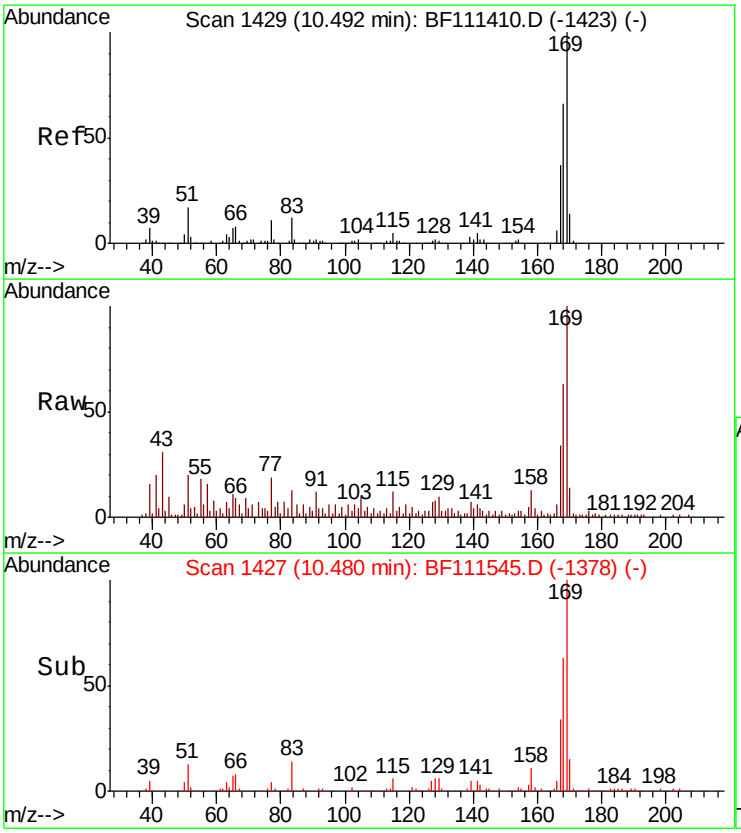
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 553498

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.6	14.4
80	10.8	9.8	14.6

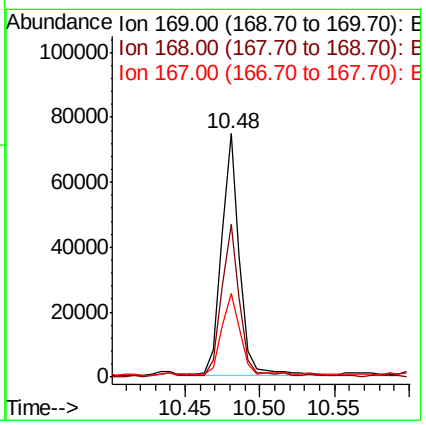


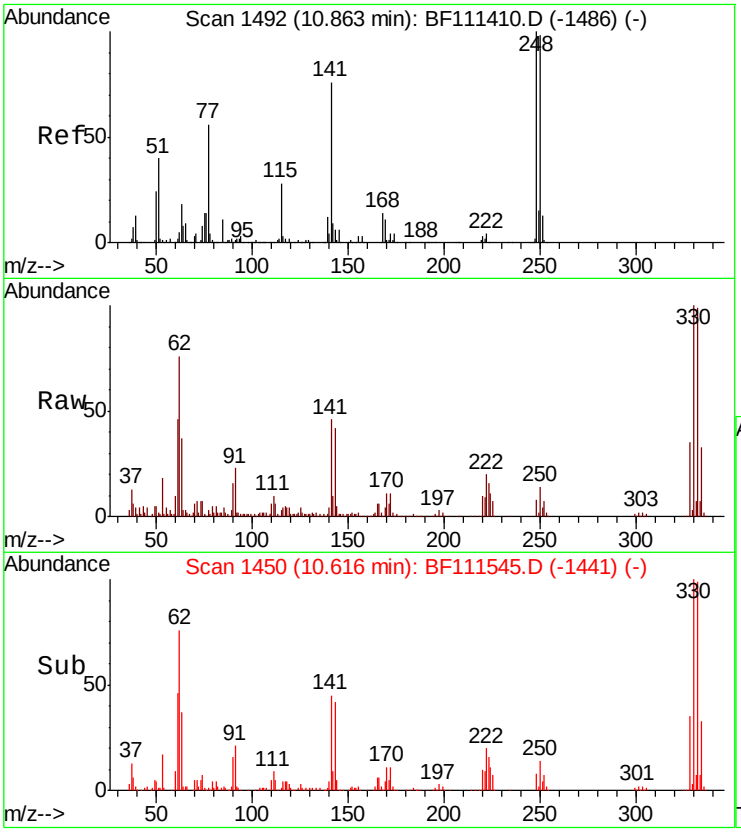


#66
n-Nitrosodiphenylamine
Concen: 3.298 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:169 Resp: 62954

Ion	Ratio	Lower	Upper
169	100		
168	62.9	54.4	81.6
167	34.5	30.5	45.7



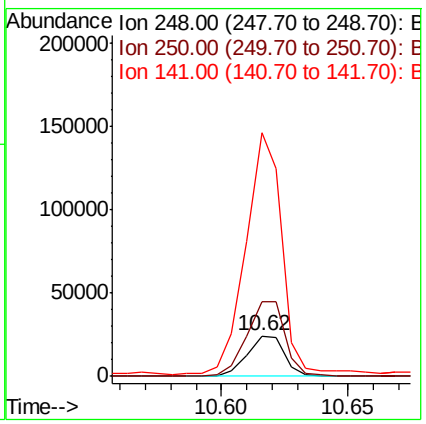


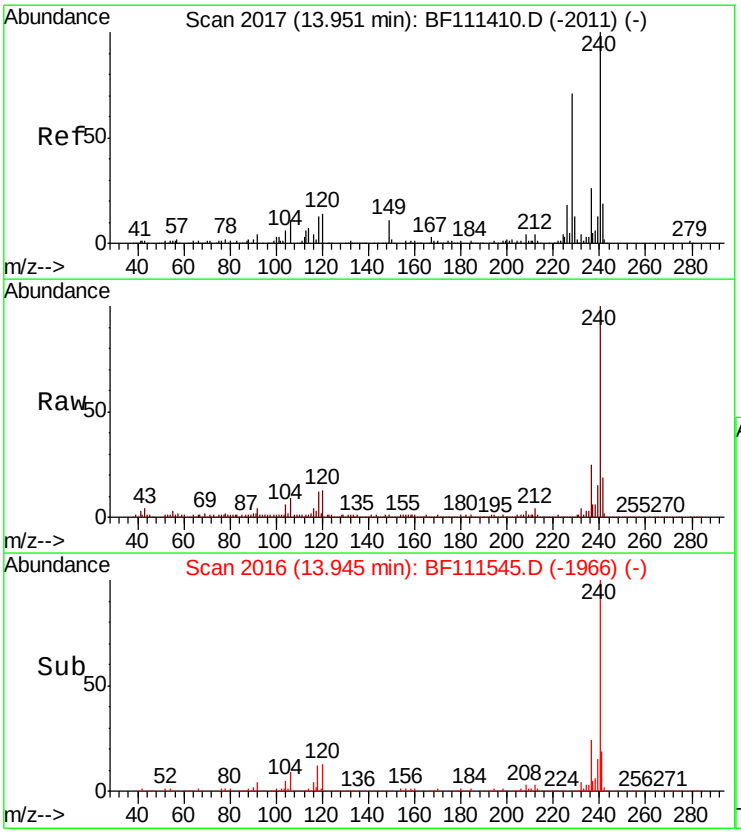
#67
4-Bromophenyl-phenylether
Concen: 4.151 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:248 Resp: 24762

Ion	Ratio	Lower	Upper
248	100		
250	185.6	77.0	115.4#
141	603.4	63.0	94.6#

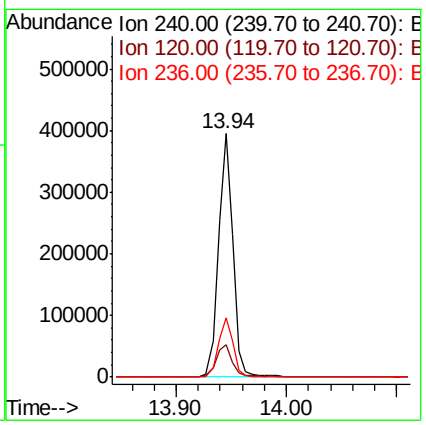


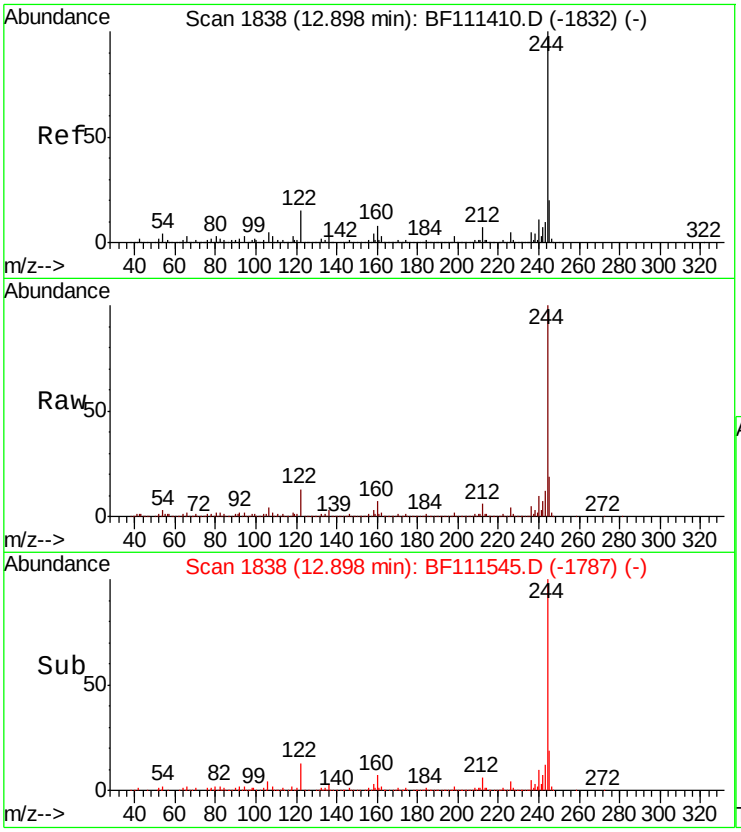


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:240 Resp: 358313

Ion	Ratio	Lower	Upper
240	100		
120	13.2	12.2	18.2
236	24.5	20.2	30.2



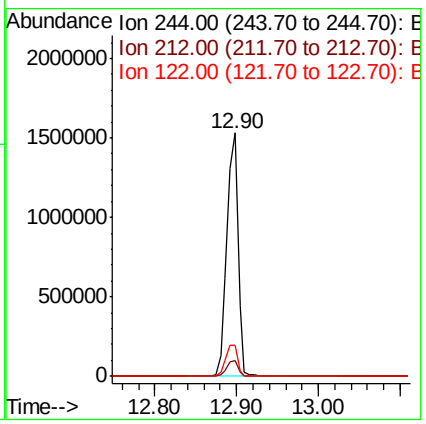


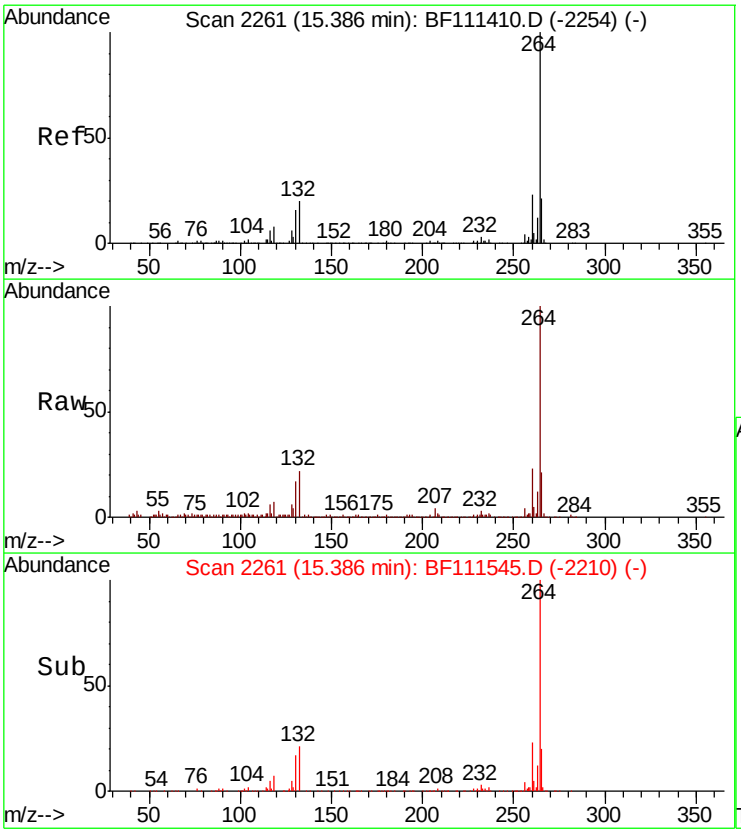
#79
Terphenyl-d14
Concen: 95.488 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 1457033

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	12.7	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111545.D
Acq: 17 Dec 2018 18:08

Tgt Ion:264 Resp: 376279

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	20.7	17.7	26.5