Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111092.D
Acq On : 29 Nov 2018 16:03
Operator : JU/SJ
Sample : J6084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-SFVP8283LM

Quant Time: Nov 29 16:37:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61464	20.00	ng		0.02
21) Naphthalene-d8	8.22	136	265599	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	122540	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	201193	20.00	ng		0.00
76) Chrysene-d12	14.13	240	132719	20.00	ng		0.00
87) Perylene-d12	15.67	264	136308	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	31058	8.38	ng		0.06
7) Phenol-d6	6.66	99	17854	3.70	ng		0.09
23) Nitrobenzene-d5	7.52	82	53010	11.42	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	7762	6.38	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	97907	11.58	ng		0.00
79) Terphenyl-d14	13.05	244	70608	10.36	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.72	93	15158751	2538.723	ng	#	58
31) Naphthalene	8.25	128	25674	2.062	ng	#	83
33) 4-Chloroaniline	8.31	127	23679	4.468	ng	#	75
37) 2-Methylnaphthalene	8.94	142	37591	4.571	ng		98
38) 1-Methylnaphthalene	9.04	142	23821	2.978	ng	#	98
50) Dimethylphthalate	9.68	163	43921	4.887	ng		98
77) Benzidine	12.83	184	161827	47.671	ng	#	70
84) Bis(2-ethylhexyl)phthalate	14.06	149	48377	8.296	ng		95

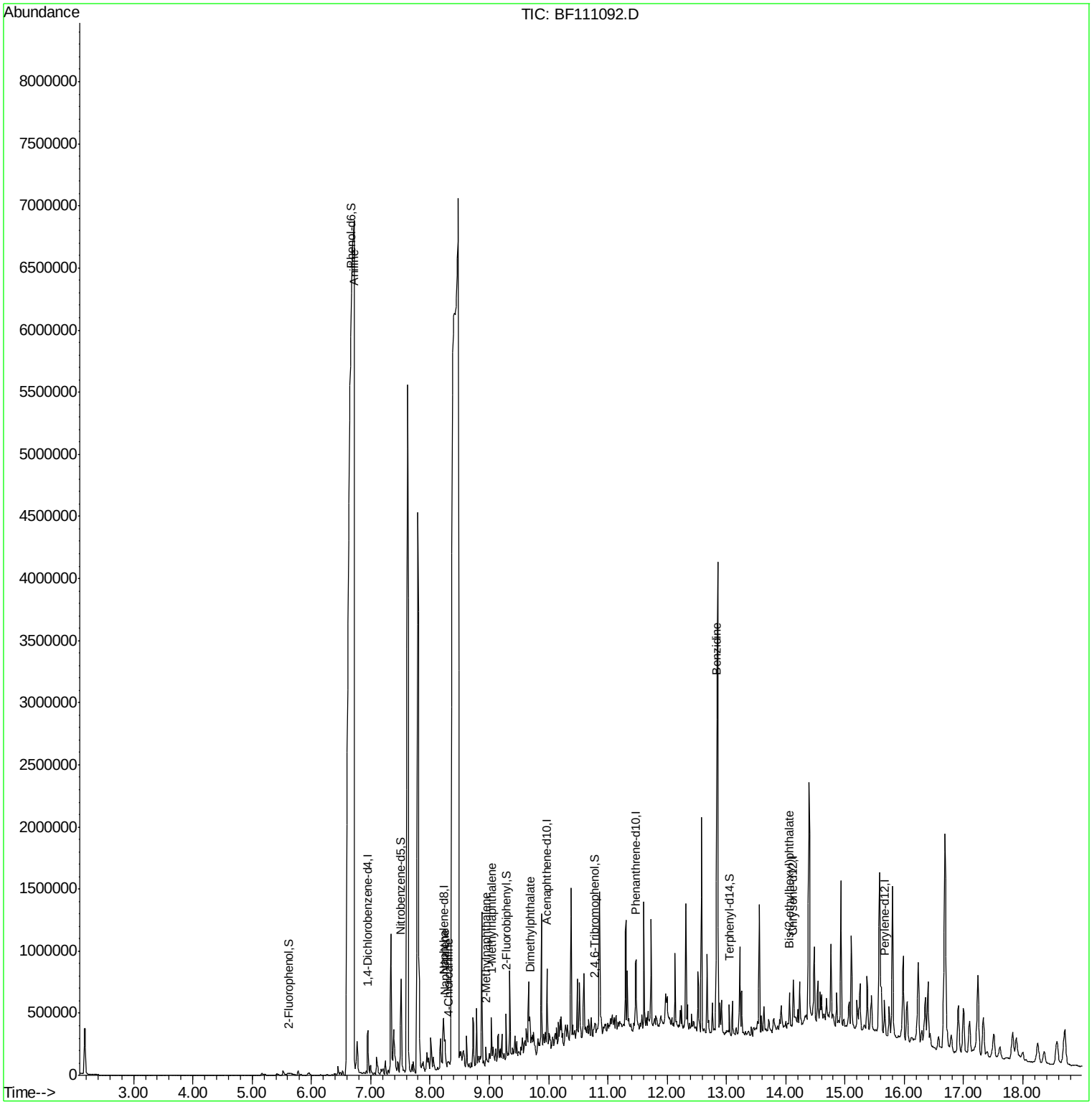
(#) = qualifier out of range (m) = manual integration (+) = signals summed

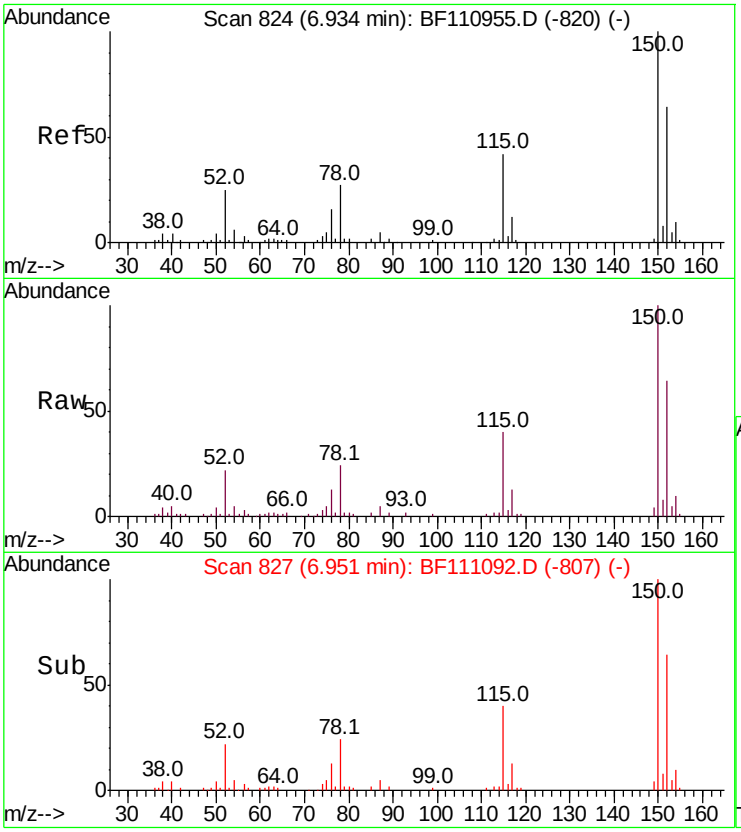
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111092.D
Acq On : 29 Nov 2018 16:03
Operator : JU/SJ
Sample : J6084-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Quant Time: Nov 29 16:37:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration



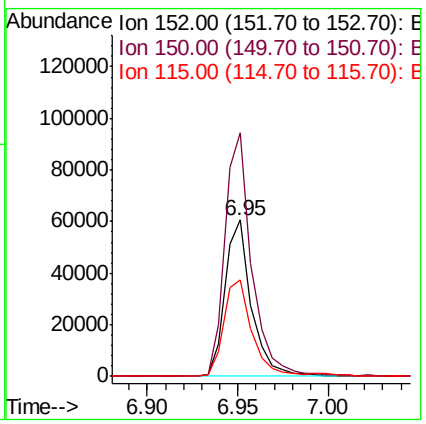


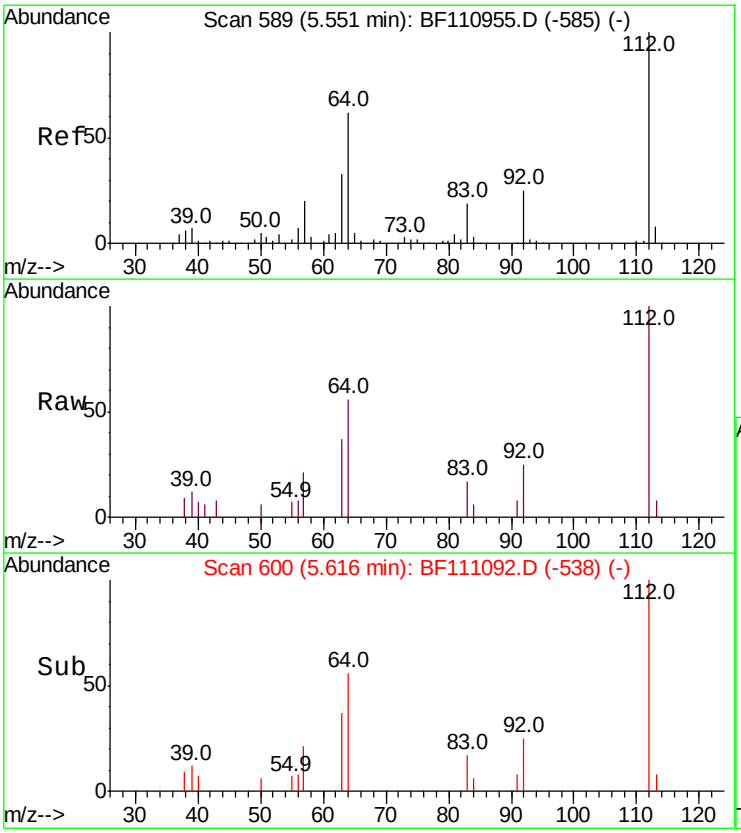
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.02 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:152 Resp: 61464

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	61.9	49.1	73.7

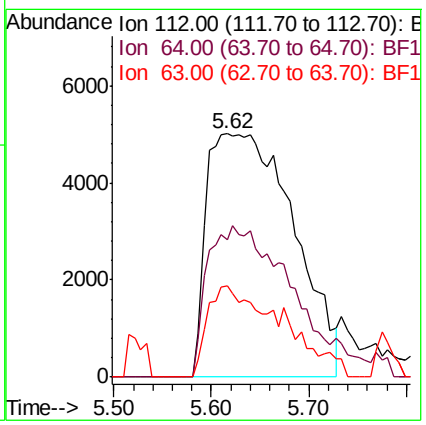


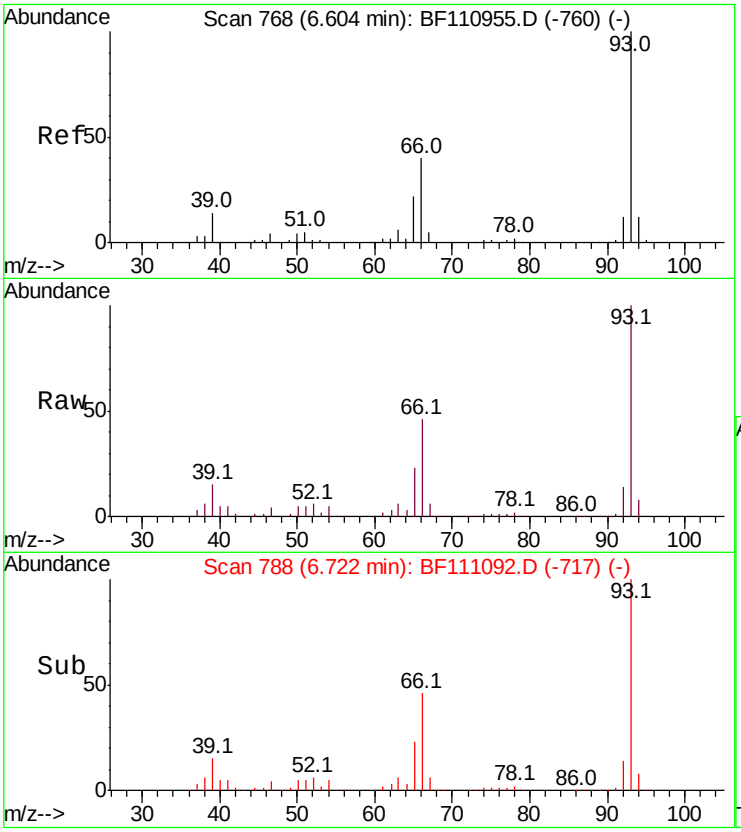


#5
2-Fluorophenol
Concen: 8.380 ng
RT: 5.62 min Scan# 600
Delta R.T. 0.06 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion:112 Resp: 31058

Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.1	66.1
63	37.4	23.7	35.5#



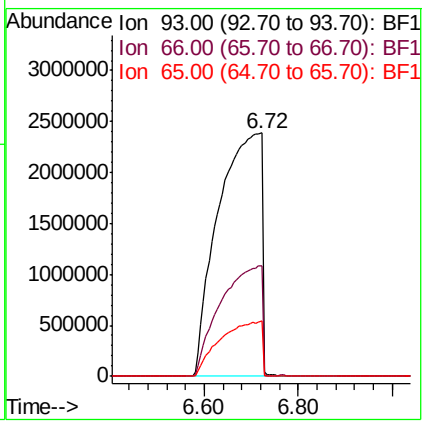


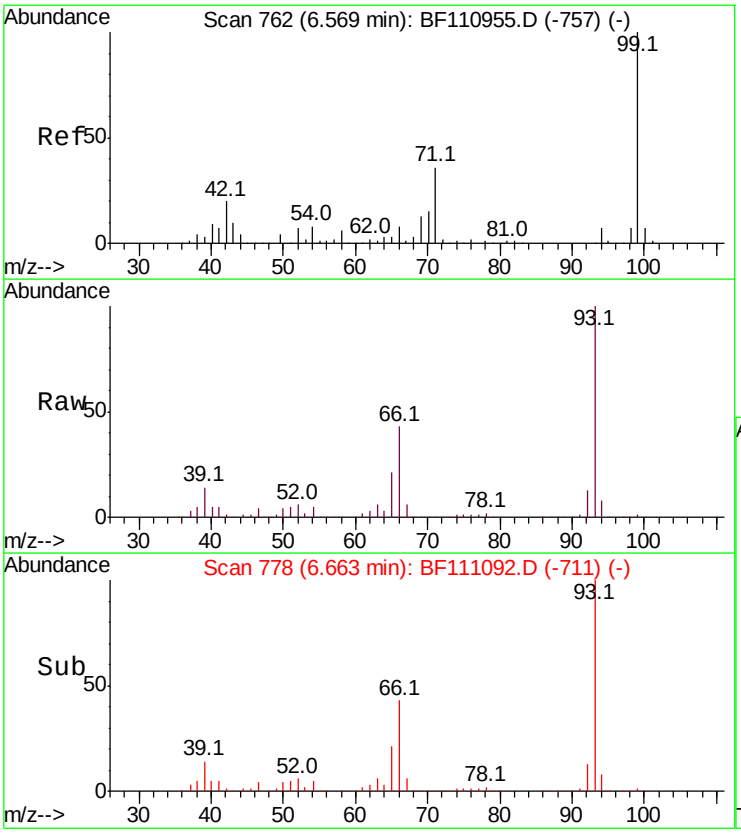
#6
Aniline
Concen: 2538.723 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.12 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion: 93 Resp:15158751

Ion	Ratio	Lower	Upper
93	100		
66	45.5	67.4	101.0#
65	22.6	41.0	61.4#

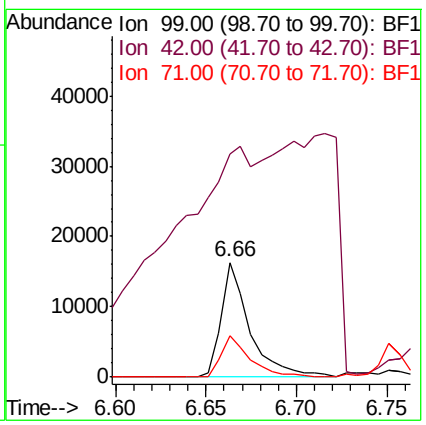


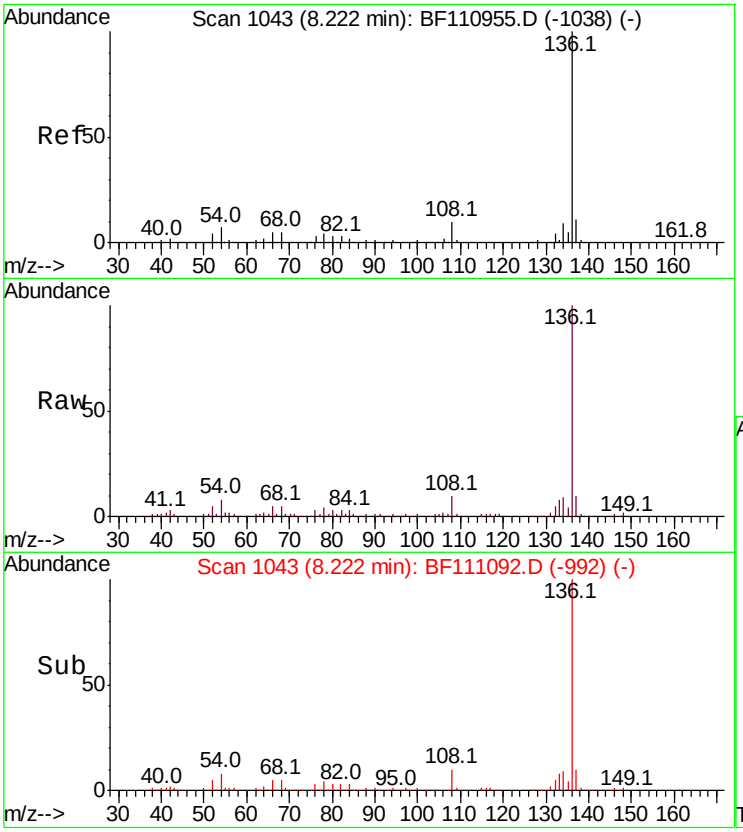


#7
Phenol-d6
Concen: 3.696 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.09 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 99 Resp: 17854

Ion	Ratio	Lower	Upper
99	100		
42	195.2	15.8	23.6#
71	36.1	28.0	42.0



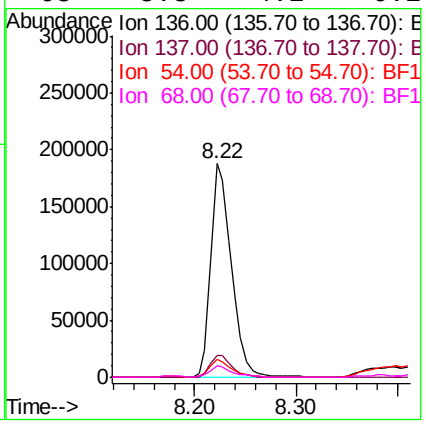


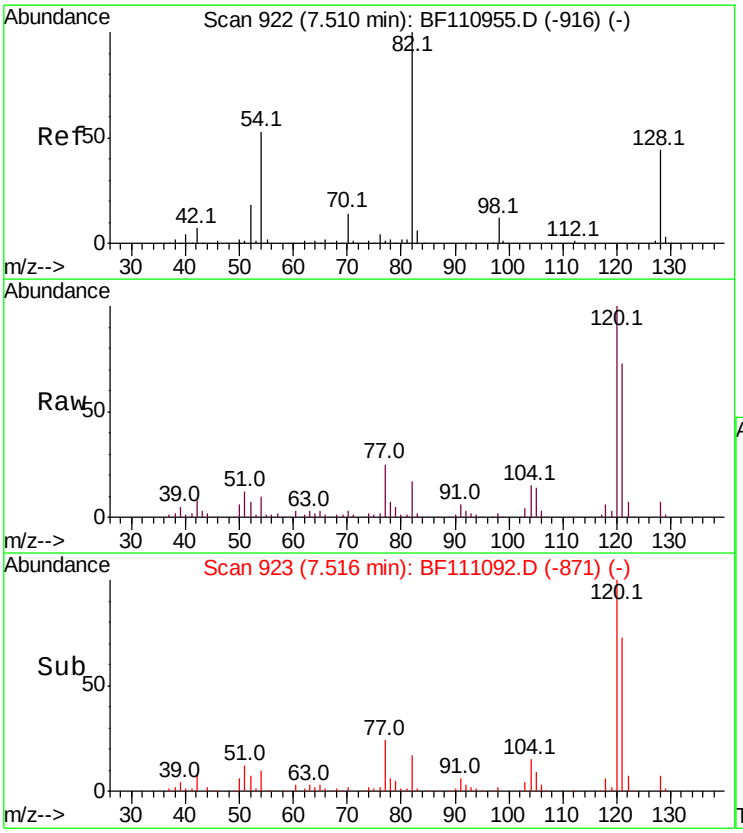
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:136 Resp: 265599

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.8	13.2
54	8.1	5.4	8.2
68	5.3	4.2	6.2

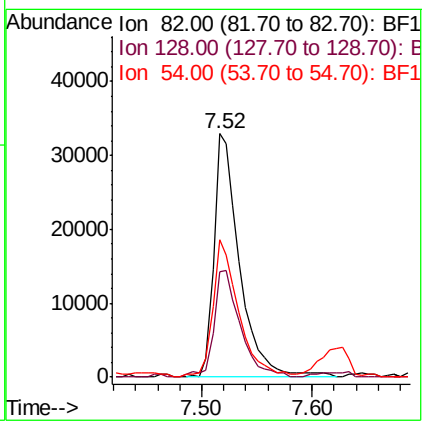


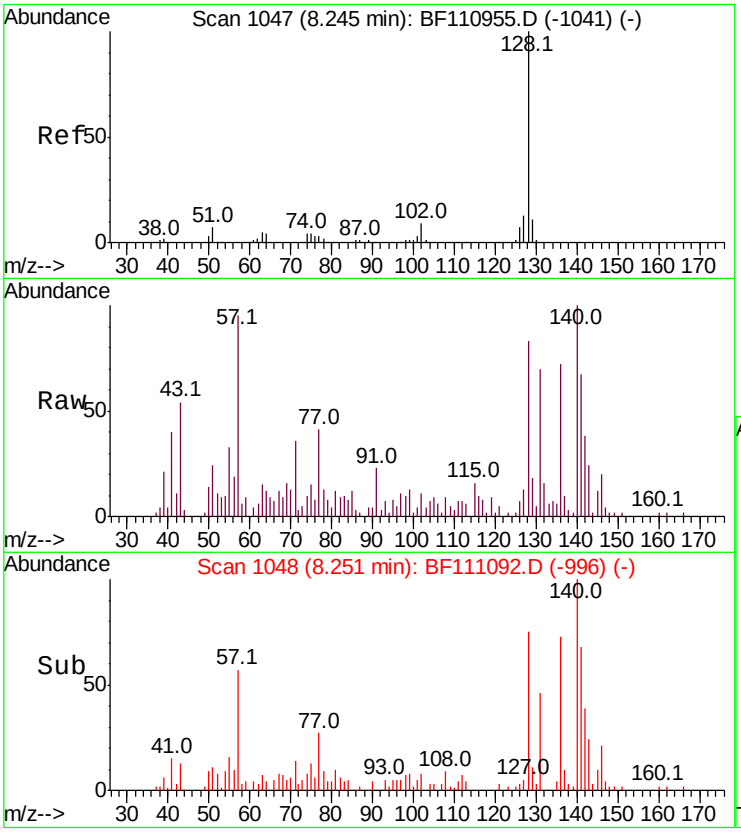


#23
Nitrobenzene-d5
Concen: 11.422 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion: 82 Resp: 53010

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.2
54	56.2	38.6	58.0



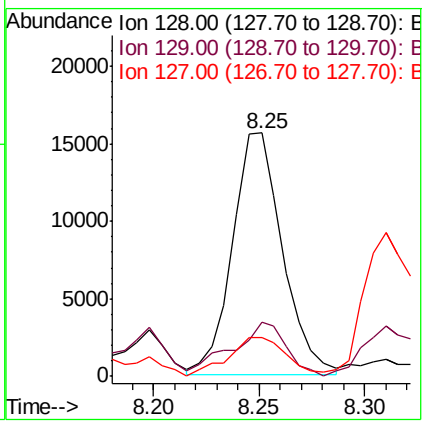


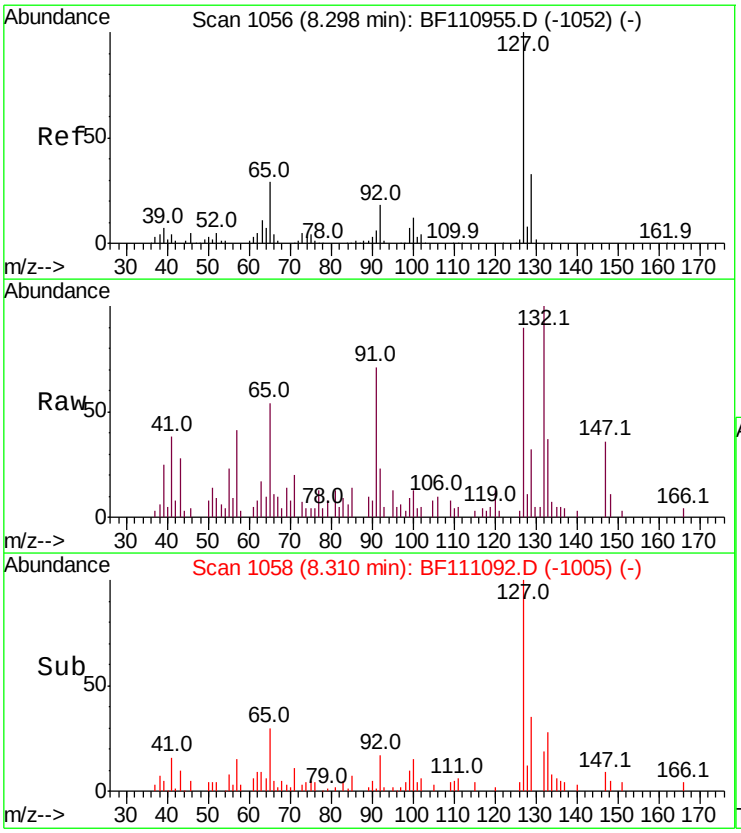
#31
Naphthalene
Concen: 2.062 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:128 Resp: 25674

Ion	Ratio	Lower	Upper
128	100		
129	22.3	8.8	13.2#
127	16.0	10.8	16.2

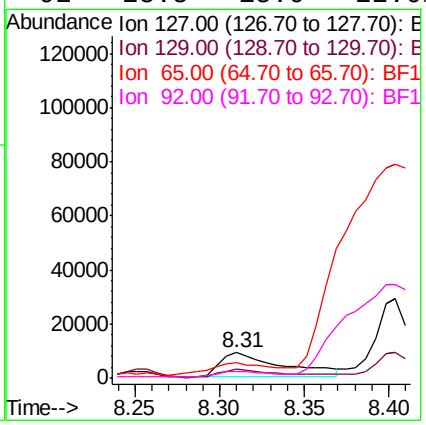


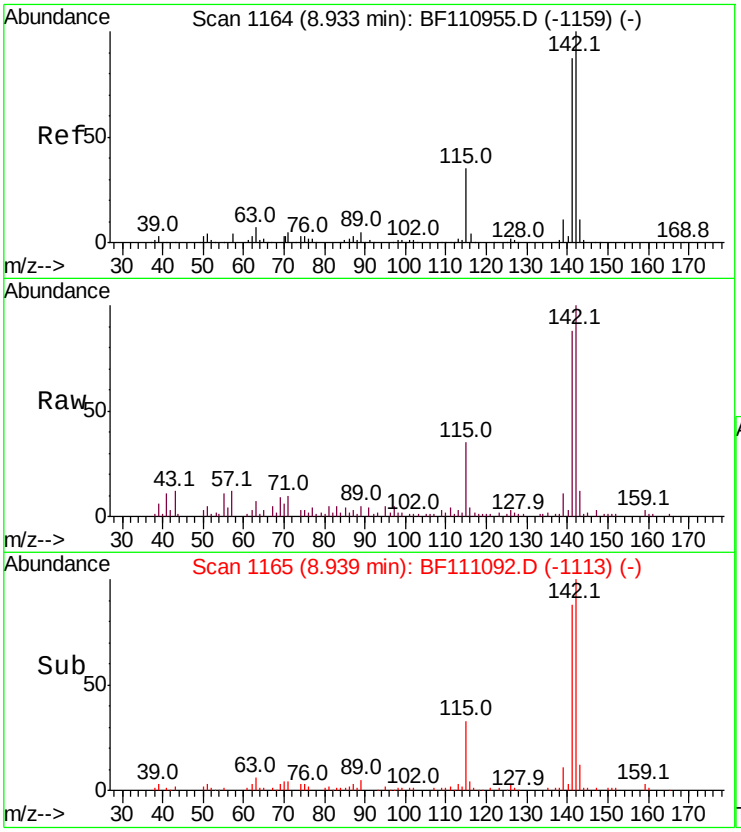


#33
4-Chloroaniline
Concen: 4.468 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion:127 Resp: 23679

Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.0	39.0
65	60.0	25.1	37.7#
92	25.5	15.0	22.6#



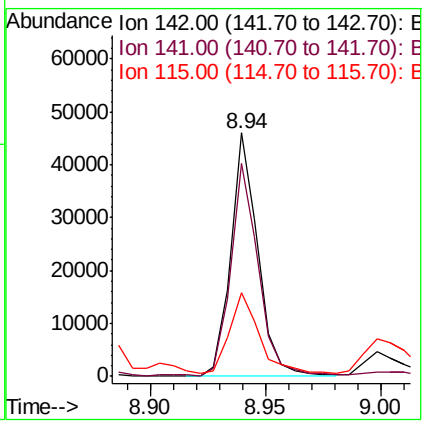


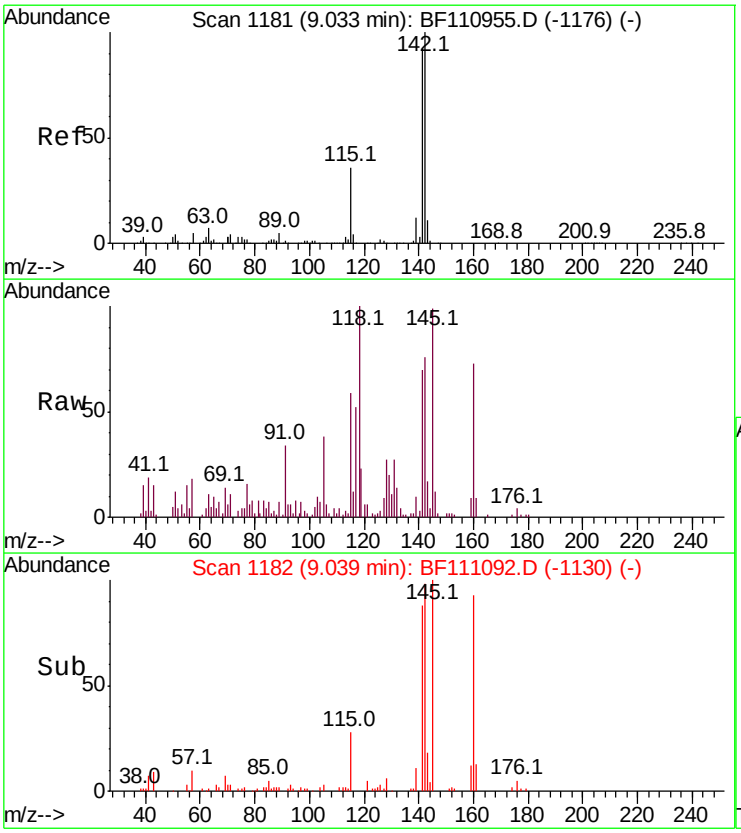
#37
2-Methylnaphthalene
Concen: 4.571 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:142 Resp: 37591

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.2
115	34.5	28.7	43.1

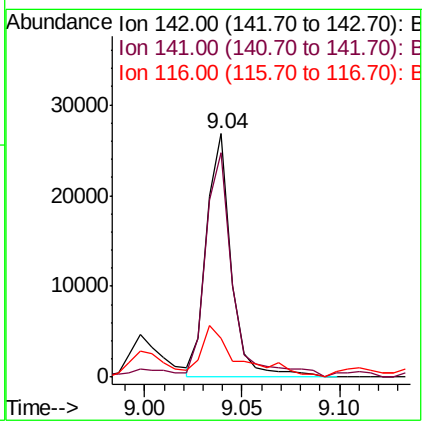


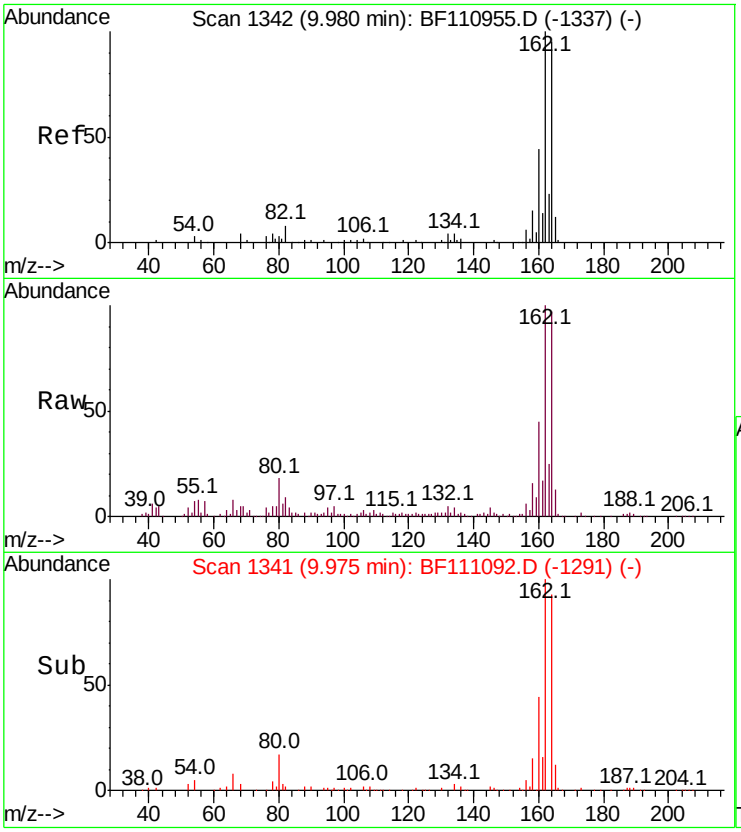


#38
1-Methylnaphthalene
Concen: 2.978 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion:142 Resp: 23821

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	15.7	2.6	4.0#



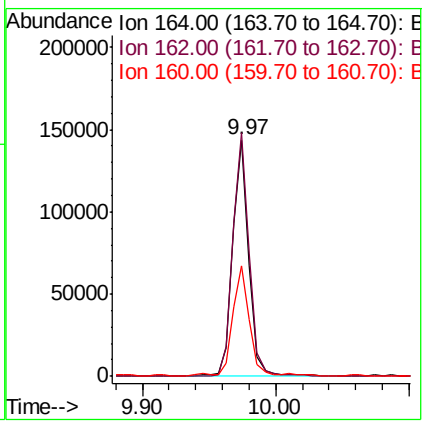


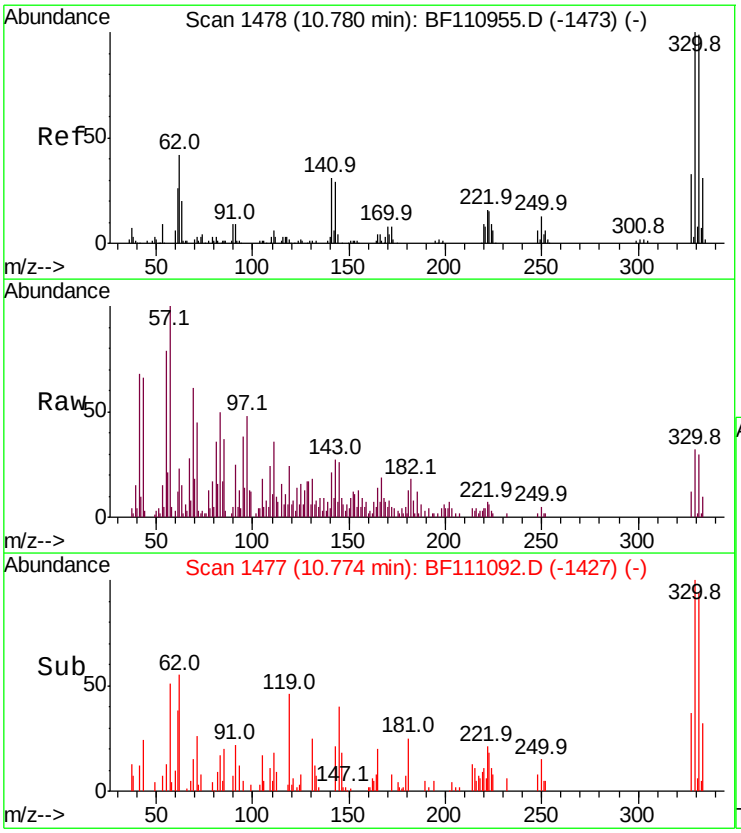
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:164 Resp: 122540

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.8	37.0	55.6

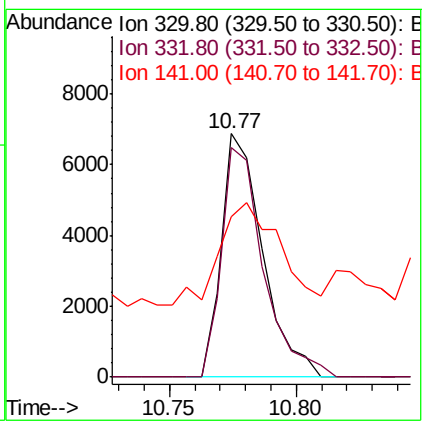


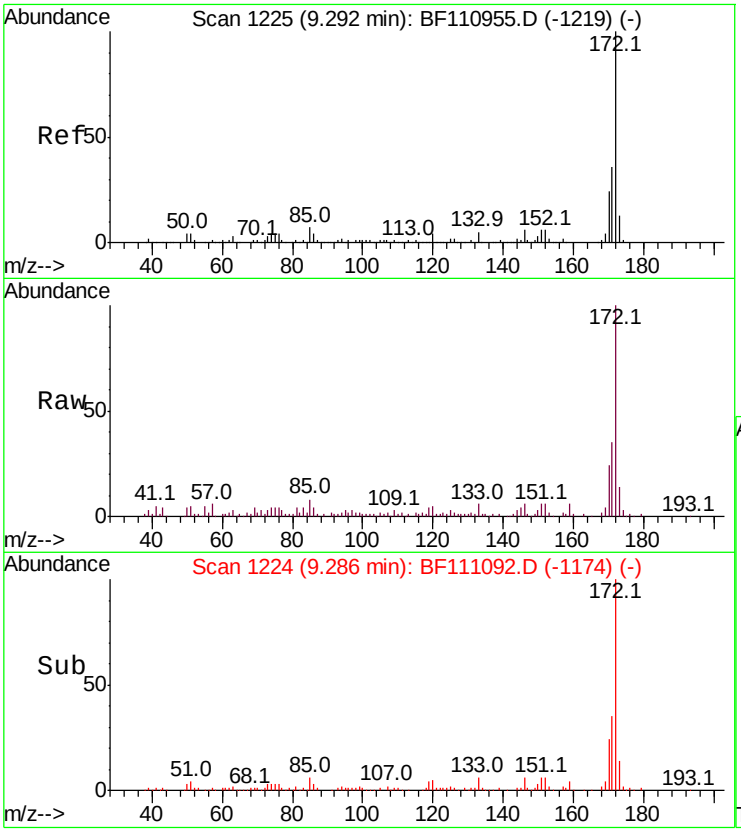


#42
2,4,6-Tribromophenol
Concen: 6.378 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion:330 Resp: 7762

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	61.5	27.0	40.4#



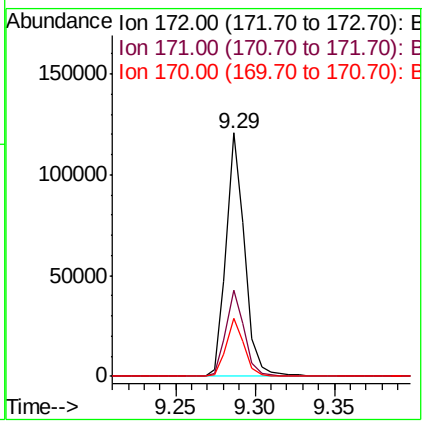


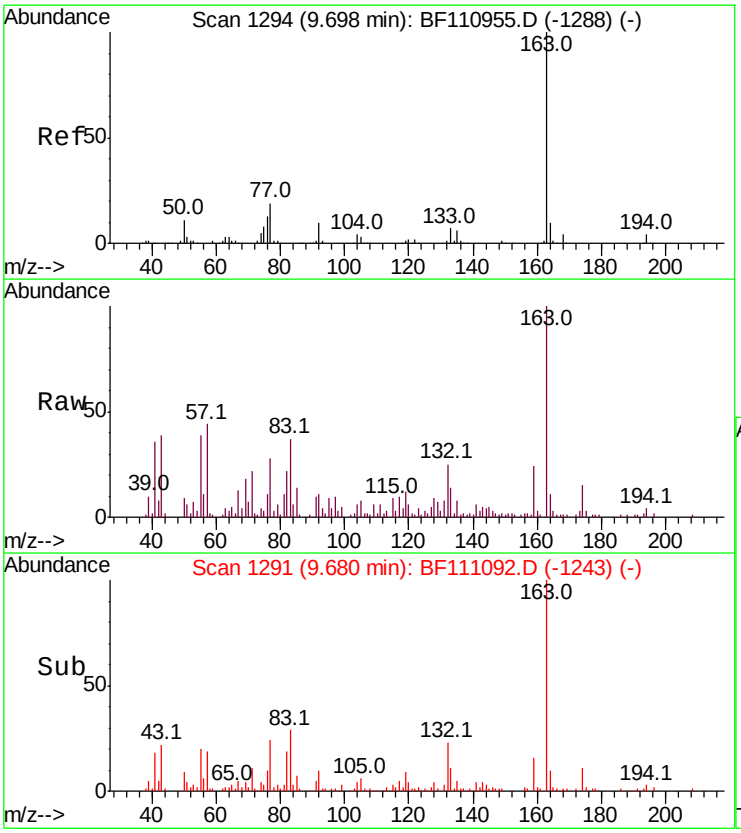
#45
2-Fluorobiphenyl
Concen: 11.575 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:172 Resp: 97907

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.6	19.7	29.5

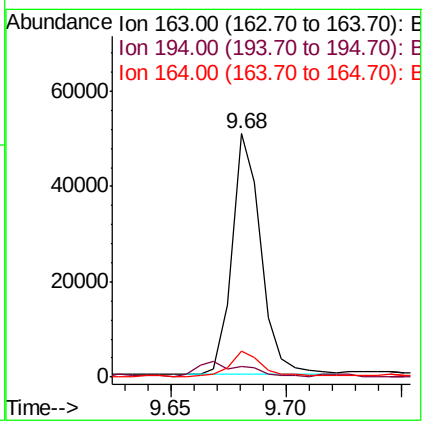


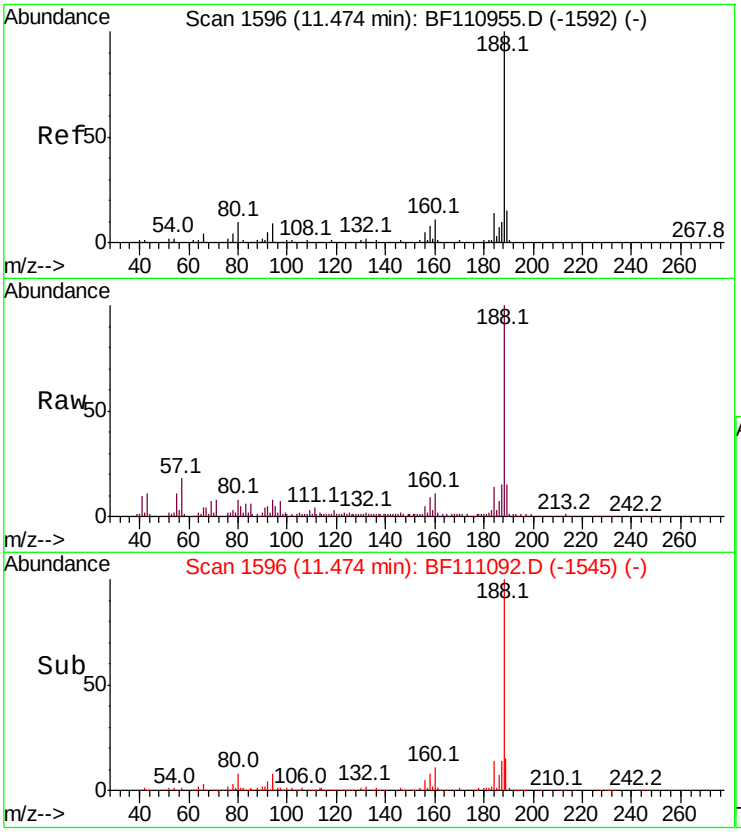


#50
Dimethylphthalate
Concen: 4.887 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion:163 Resp: 43921

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.9	8.1	12.1



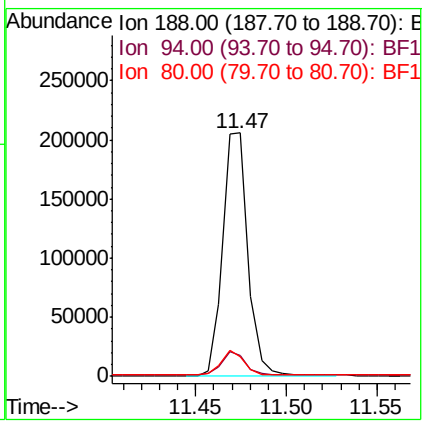


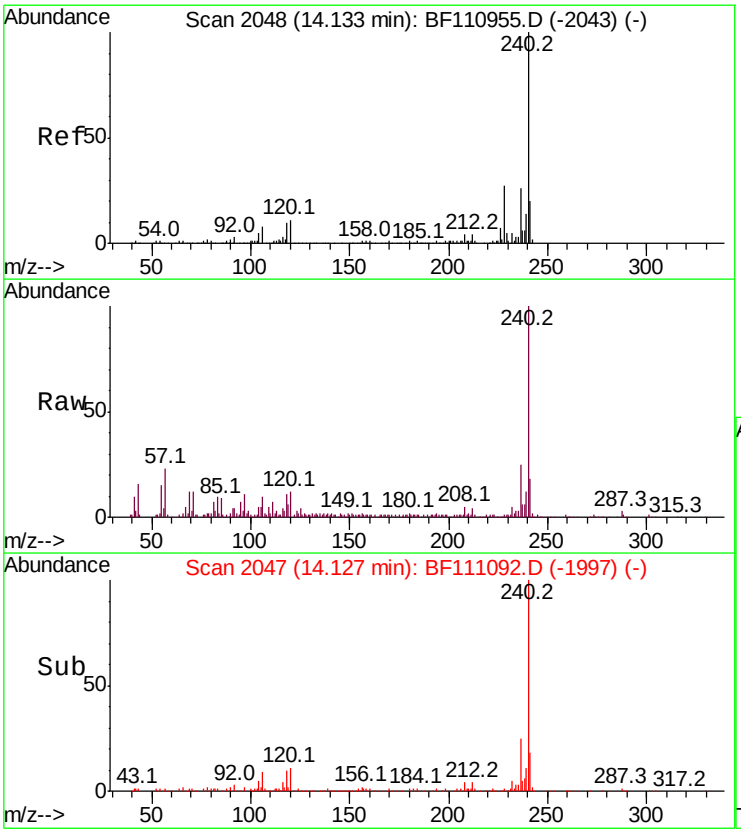
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:188 Resp: 201193

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.3	7.9	11.9

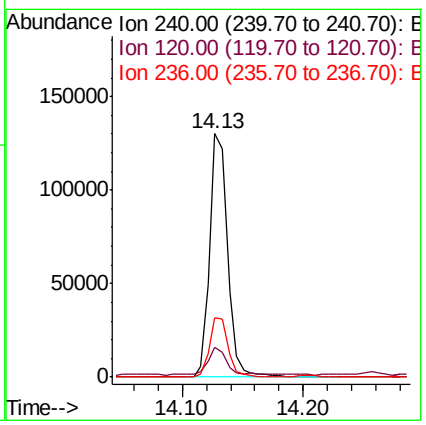


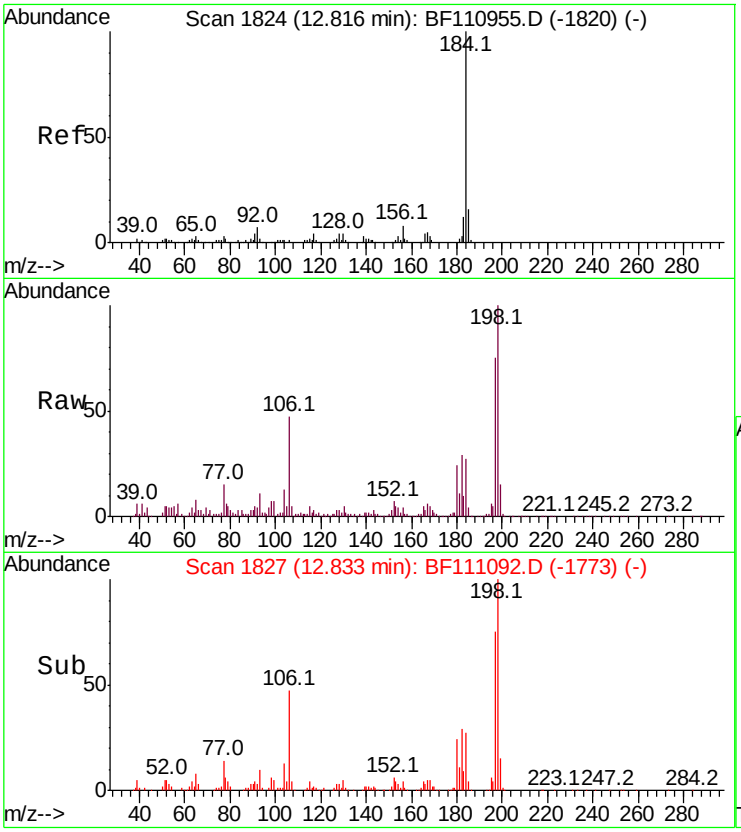


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion:240 Resp: 132719

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	24.6	21.2	31.8



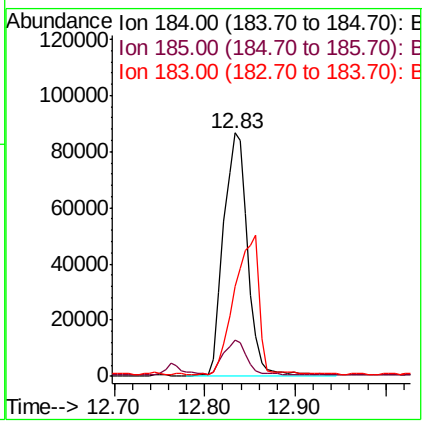


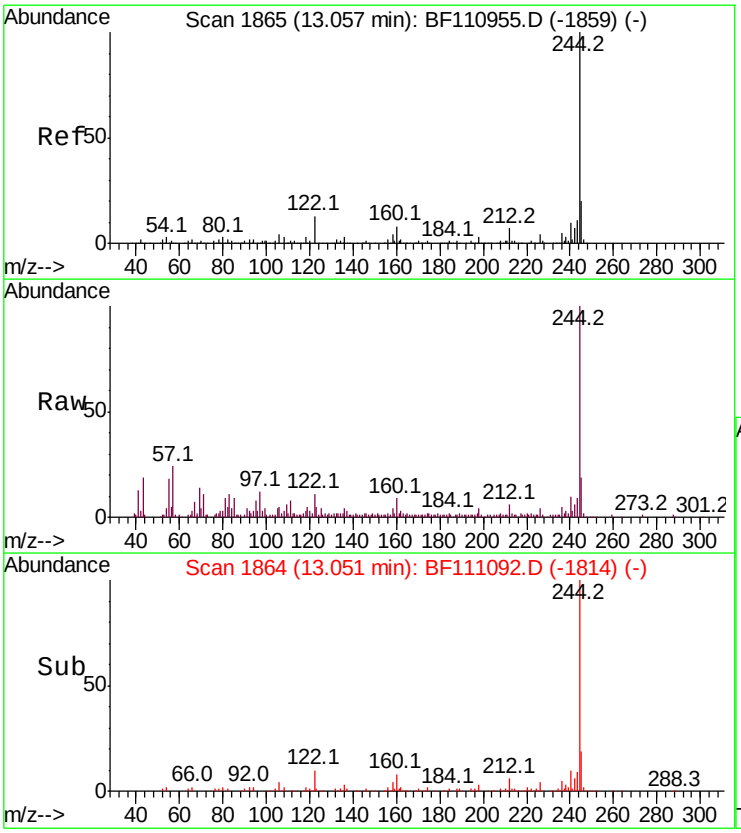
#77
Benzidine
Concen: 47.671 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:184 Resp: 161827

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	36.9	9.4	14.2#

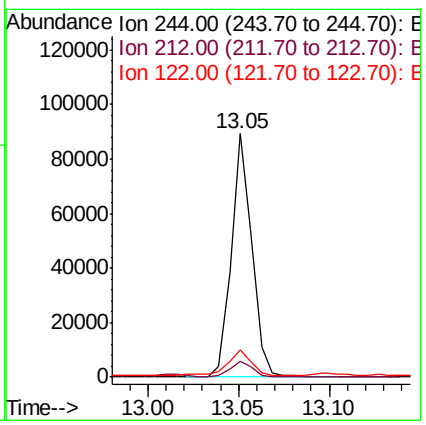


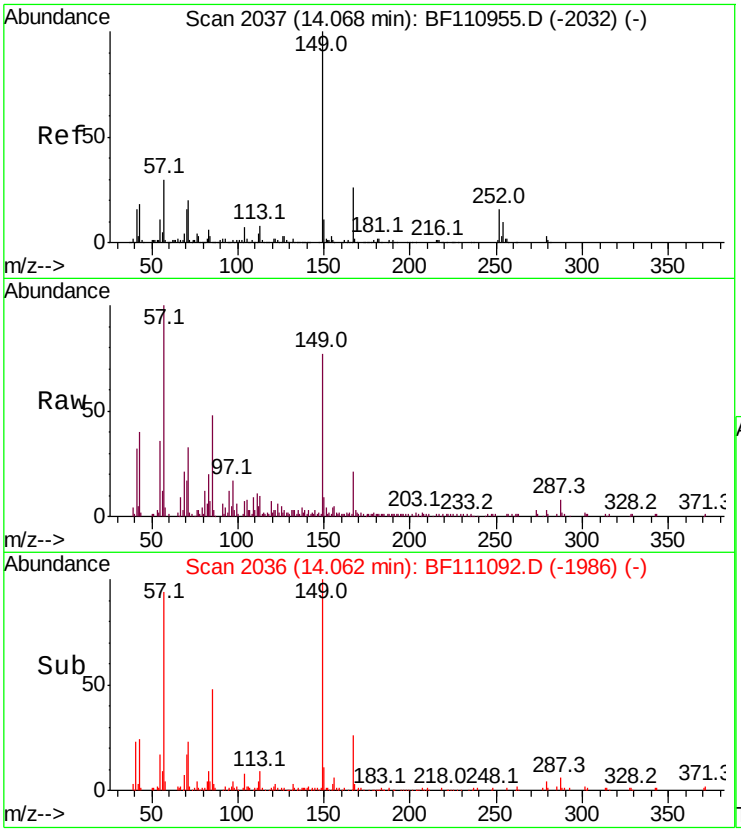


#79
Terphenyl-d14
Concen: 10.356 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion:244 Resp: 70608

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	11.3	8.7	13.1



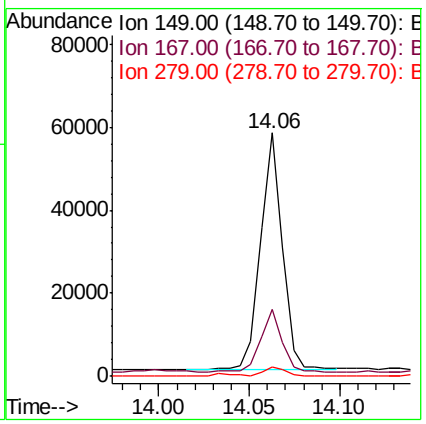


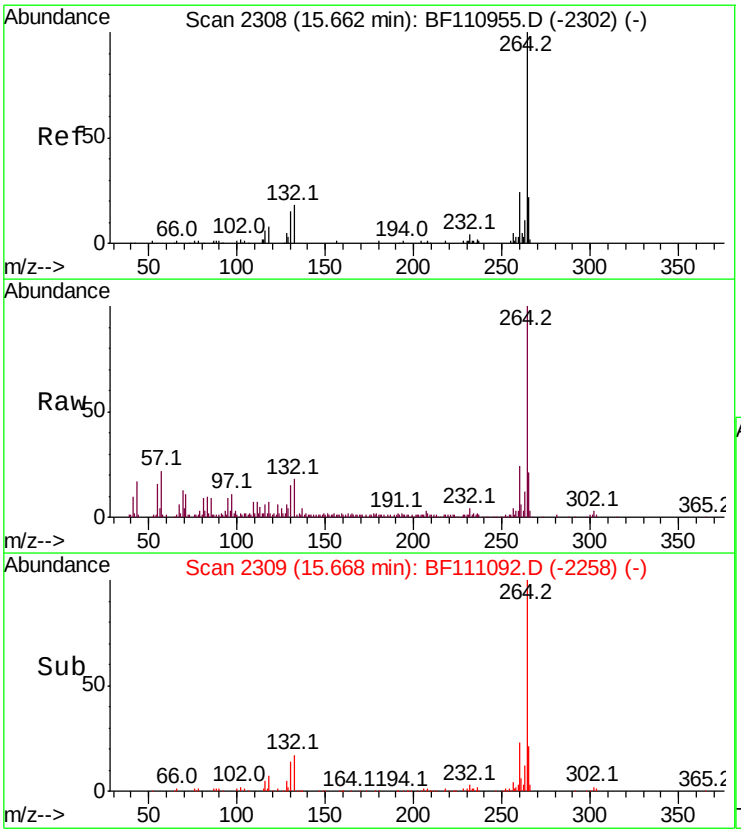
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.296 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Instrument :
BNA_F
ClientSampleId :
MS-SFVP8283LM

Tgt Ion:149 Resp: 48377

Ion	Ratio	Lower	Upper
149	100		
167	27.3	19.8	29.8
279	3.7	2.7	4.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BF111092.D
Acq: 29 Nov 2018 16:03

Tgt Ion:264 Resp: 136308

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.4	16.7	25.1