Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110296.D
Acq On : 30 Oct 2018 8:36
Operator : JU/SJ
Sample : J5707-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 09:30:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	87324	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	322931	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	131116	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	194099	20.00	ng	0.00
76) Chrysene-d12	14.16	240	131650	20.00	ng	0.00
87) Perylene-d12	15.69	264	97311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	565115	105.38	ng	0.01
7) Phenol-d6	6.59	99	701985	102.35	ng	0.00
23) Nitrobenzene-d5	7.53	82	413582	75.96	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	87820	67.62	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	799439	95.74	ng	0.00
79) Terphenyl-d14	13.09	244	588725	93.00	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	958	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	55864	12.696	ng	# 79
25) Isophorone	7.53	82	413574	44.563	ng	# 67
37) 2-Methylnaphthalene	8.97	142	29341	2.980	ng	99
50) Dimethylphthalate	9.72	163	50549	5.223	ng	# 97
77) Benzidine	12.83	184	486	Below Cal	#	1

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

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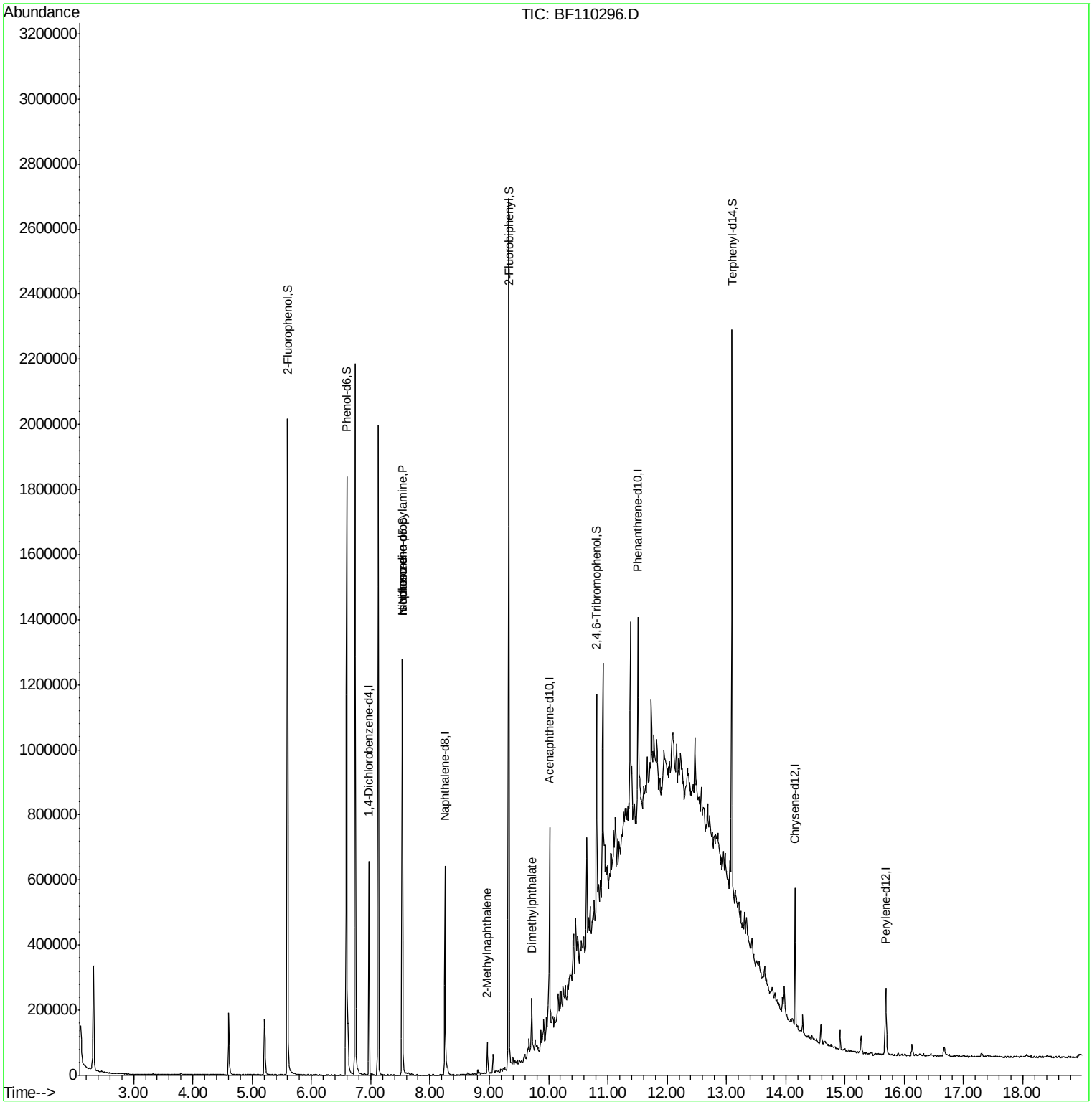
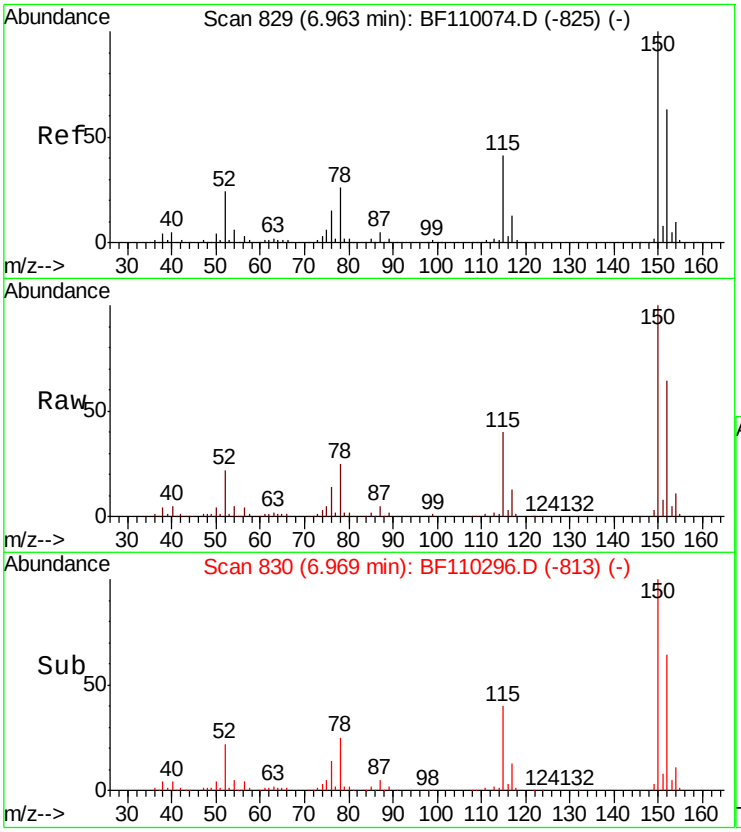


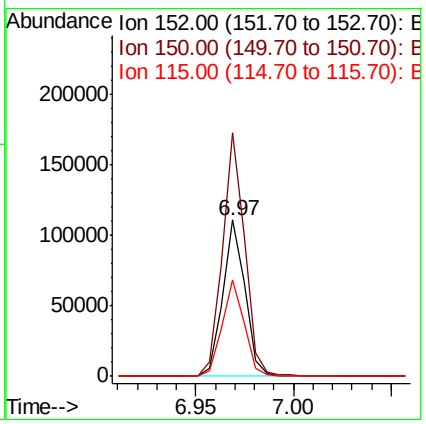


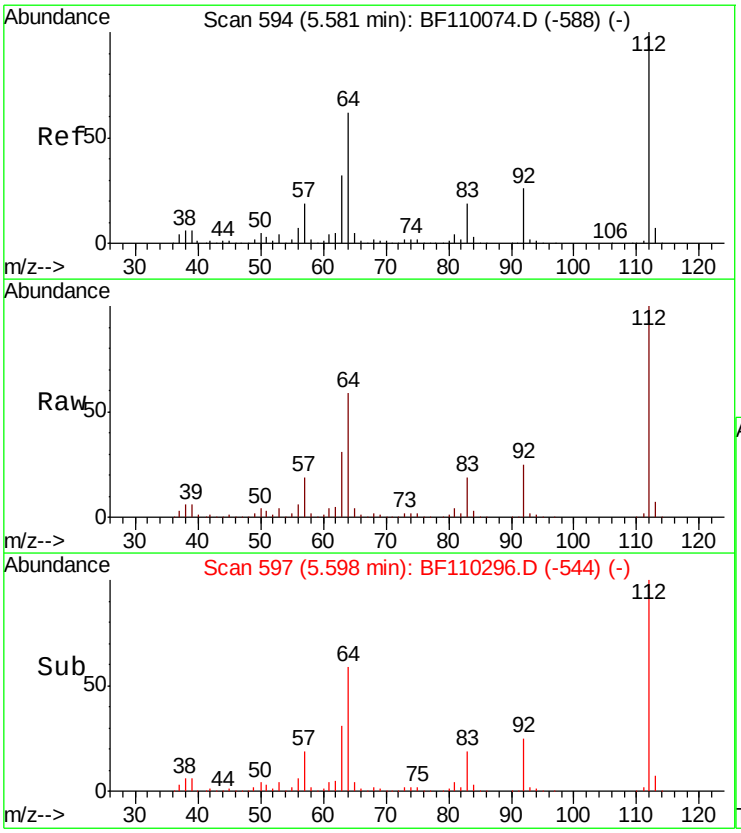
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87324

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	61.7	49.1	73.7

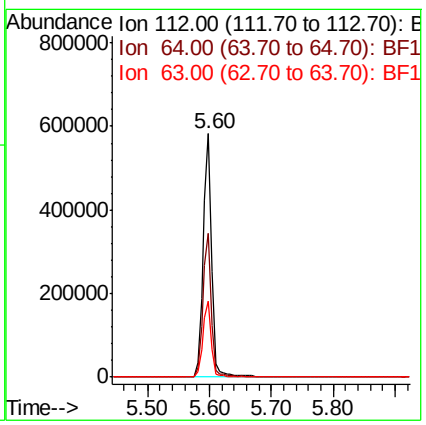


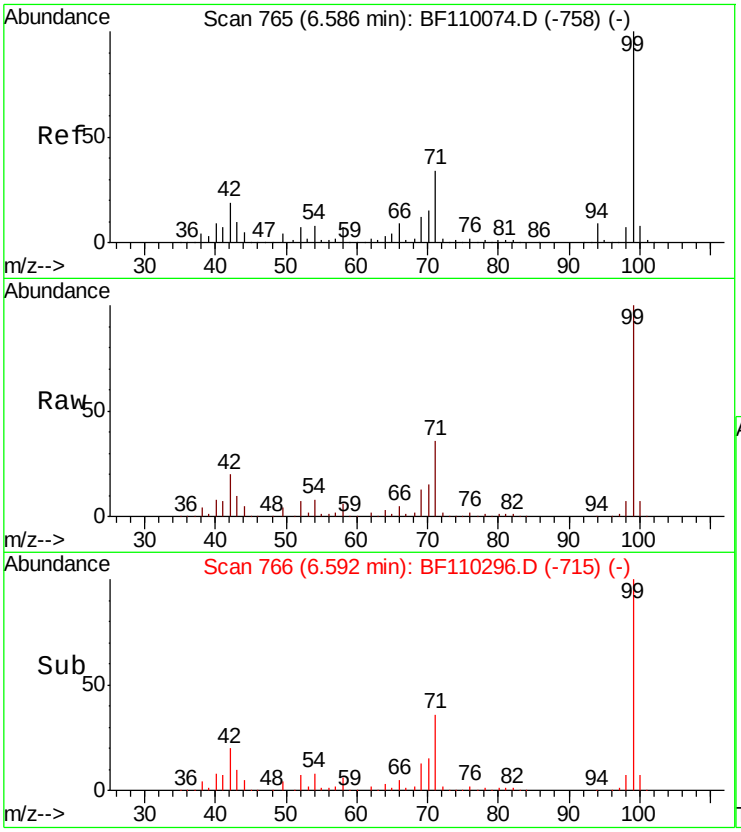


#5
2-Fluorophenol
Concen: 105.385 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion:112 Resp: 565115

Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.4	23.7	35.5



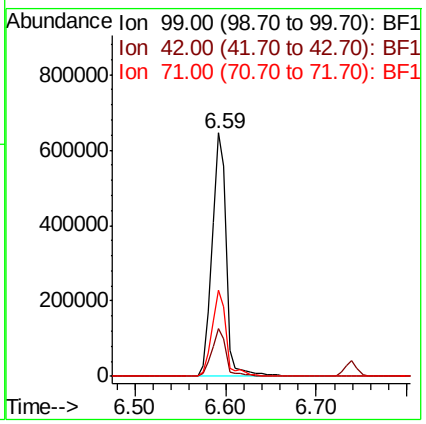


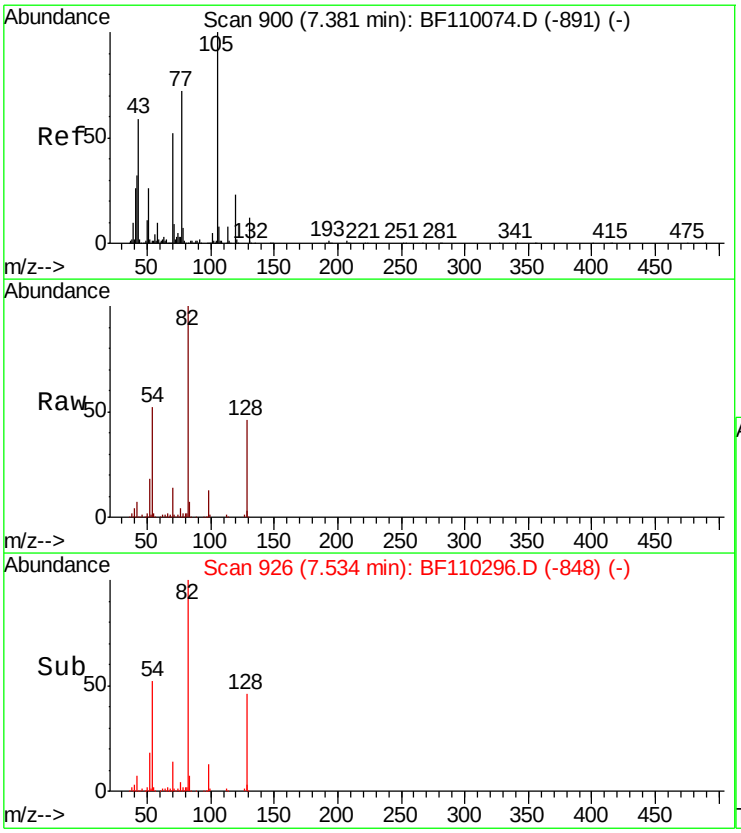
#7
Phenol-d6
Concen: 102.346 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 701985

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.6	28.0	42.0

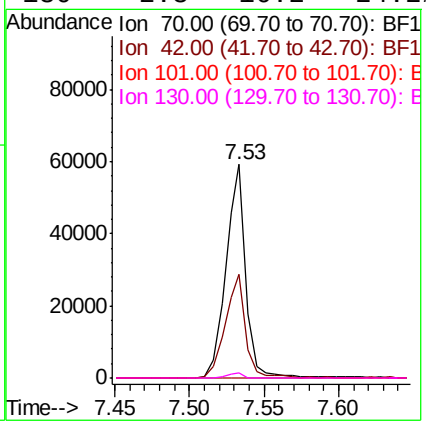


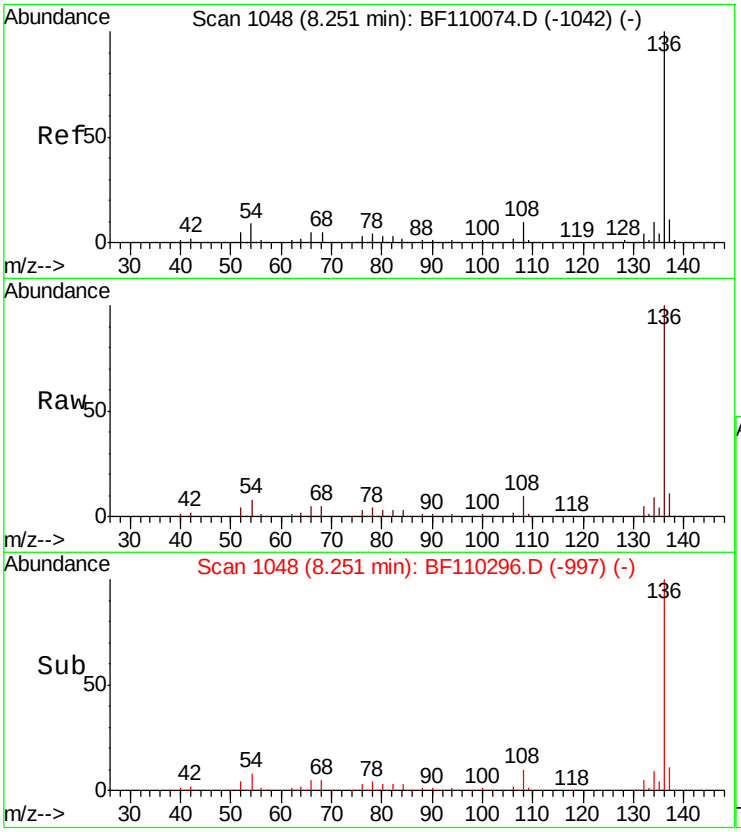


#19
n-Nitroso-di-n-propylamine
Concen: 12.696 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion: 70 Resp: 55864

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



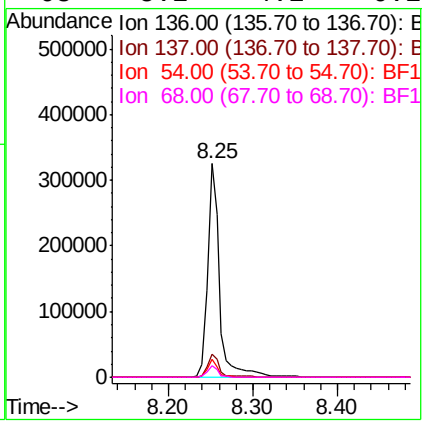


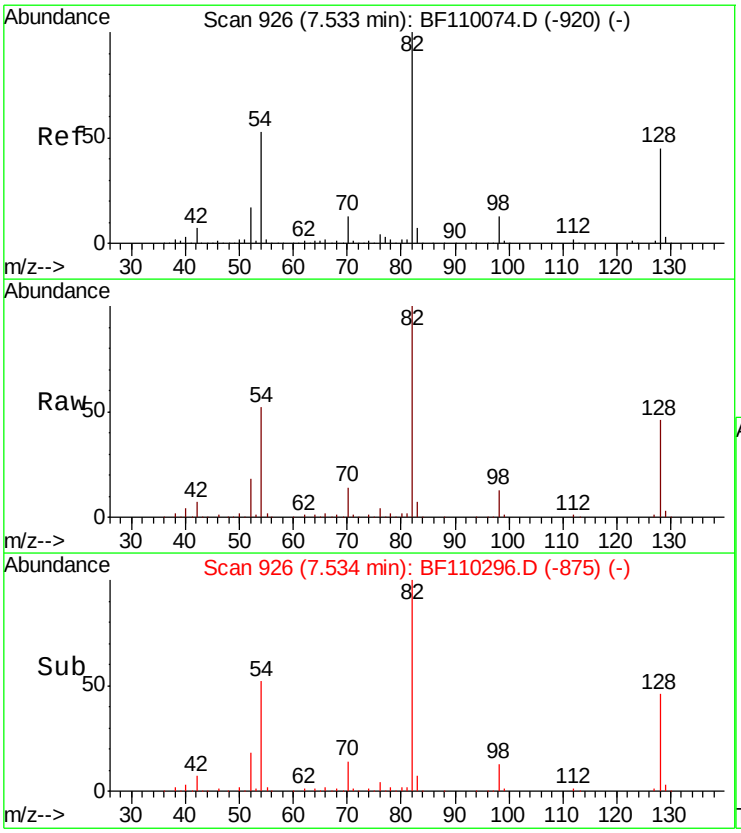
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 322931

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	5.4	8.2
68	5.2	4.2	6.2

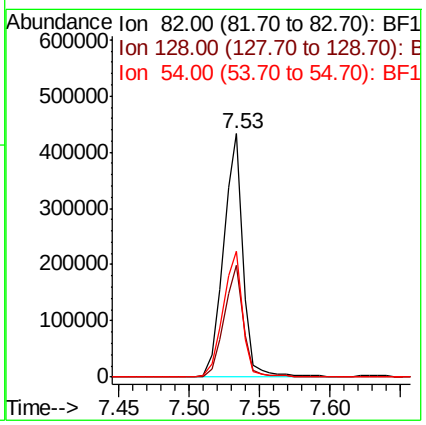


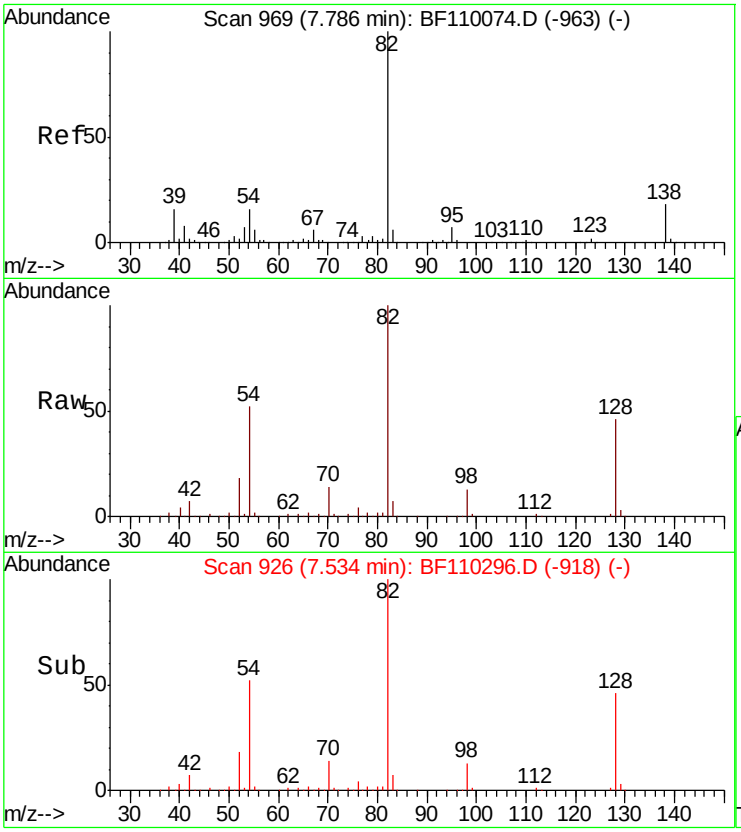


#23
Nitrobenzene-d5
Concen: 75.963 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion: 82 Resp: 413582

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	51.6	38.6	58.0



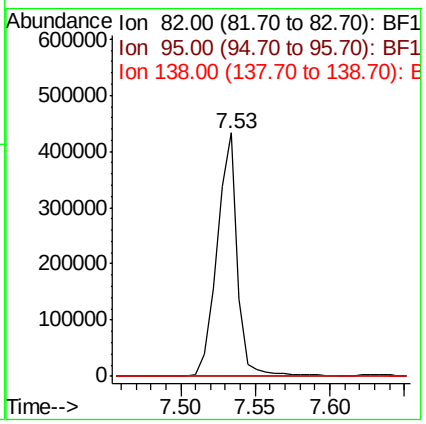


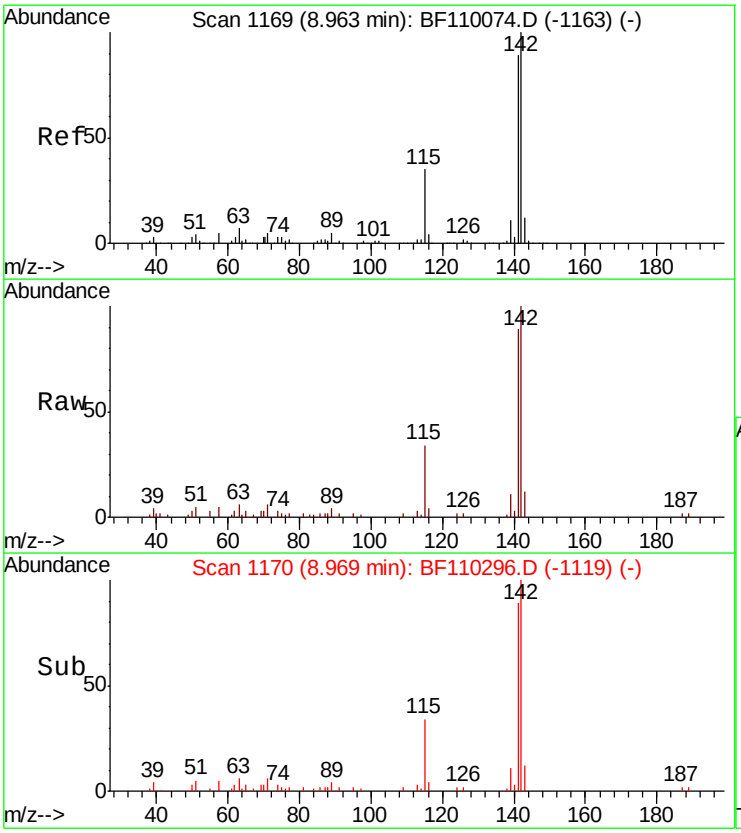
#25
Isophorone
Concen: 44.563 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 413574

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

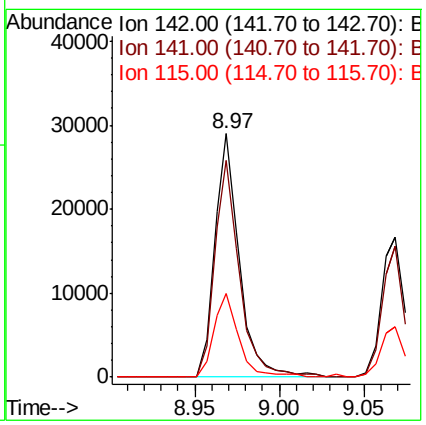


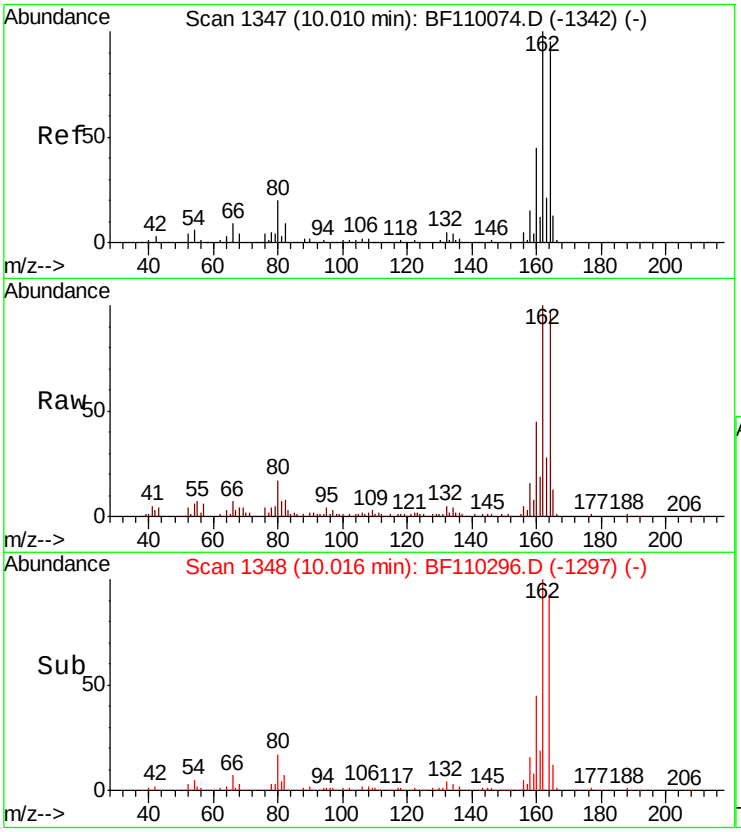


#37
2-Methylnaphthalene
Concen: 2.980 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion:142 Resp: 29341

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	34.2	28.7	43.1



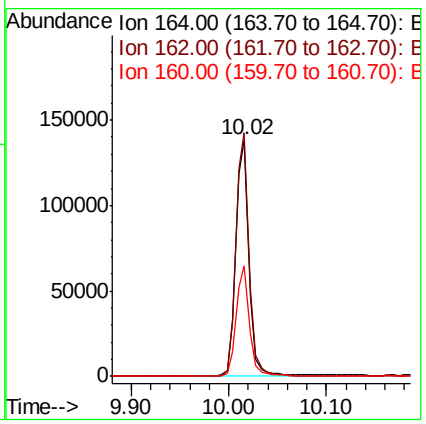


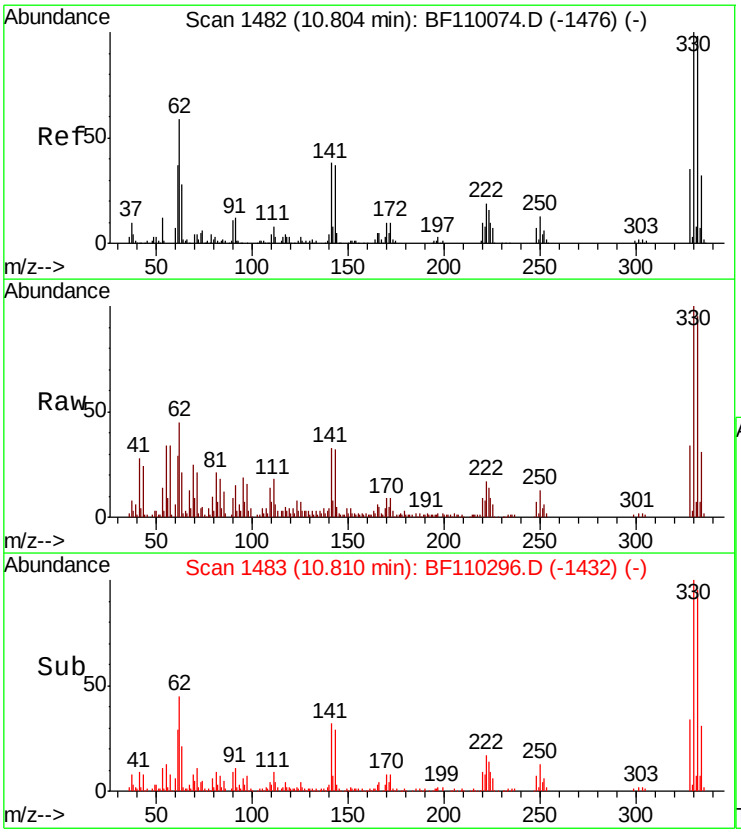
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 131116

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	46.7	37.0	55.6

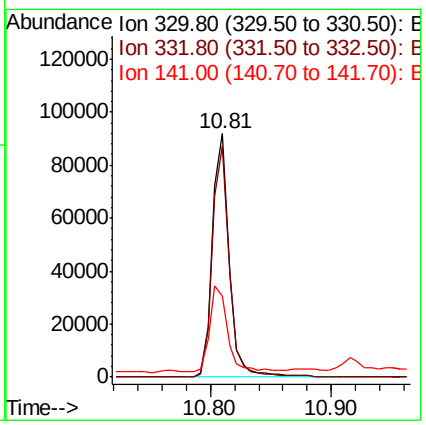


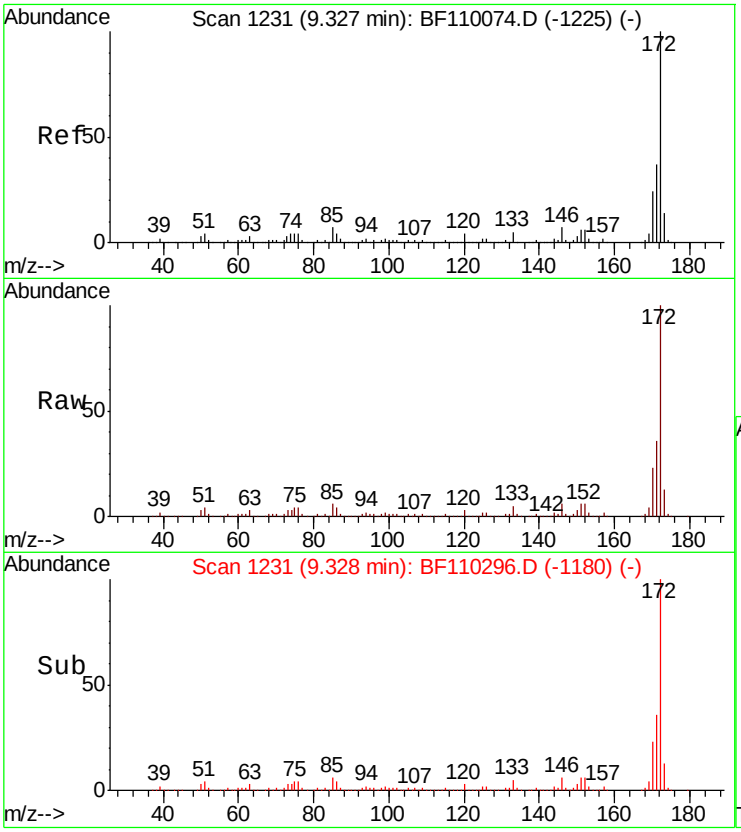


#42
2,4,6-Tribromophenol
Concen: 67.617 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion:330 Resp: 87820

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	36.7	27.0	40.4



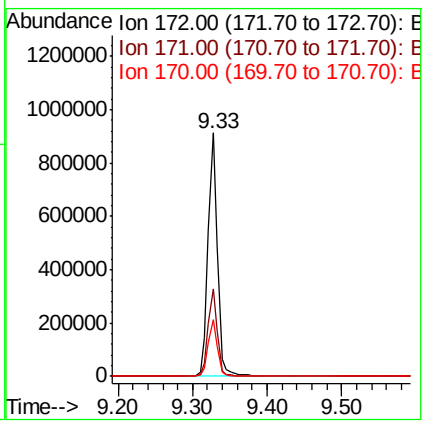


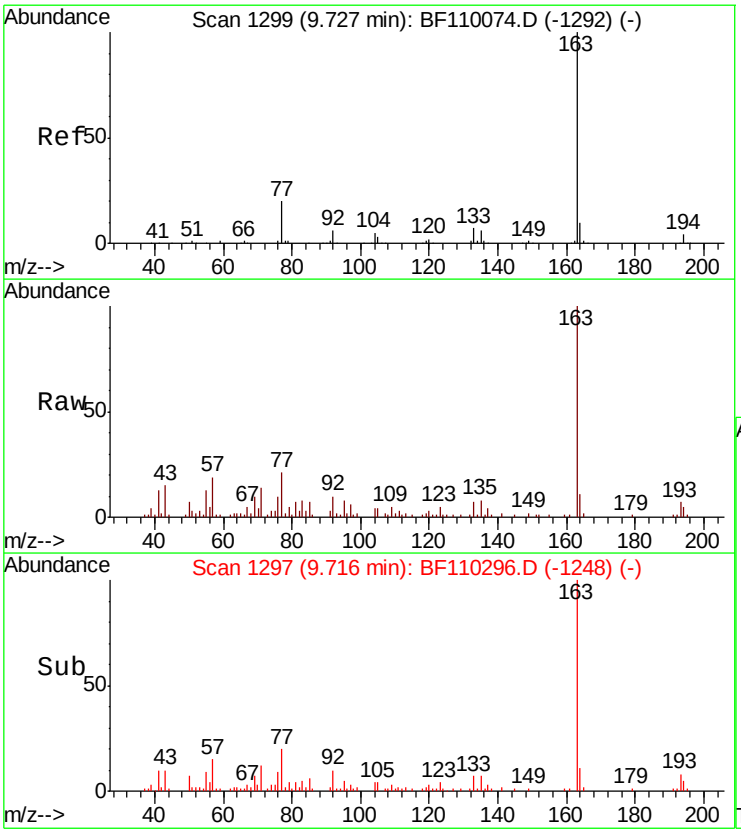
#45
2-Fluorobiphenyl
Concen: 95.742 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 799439

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.3	19.7	29.5

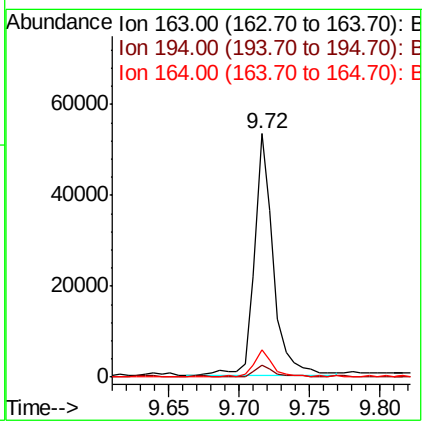


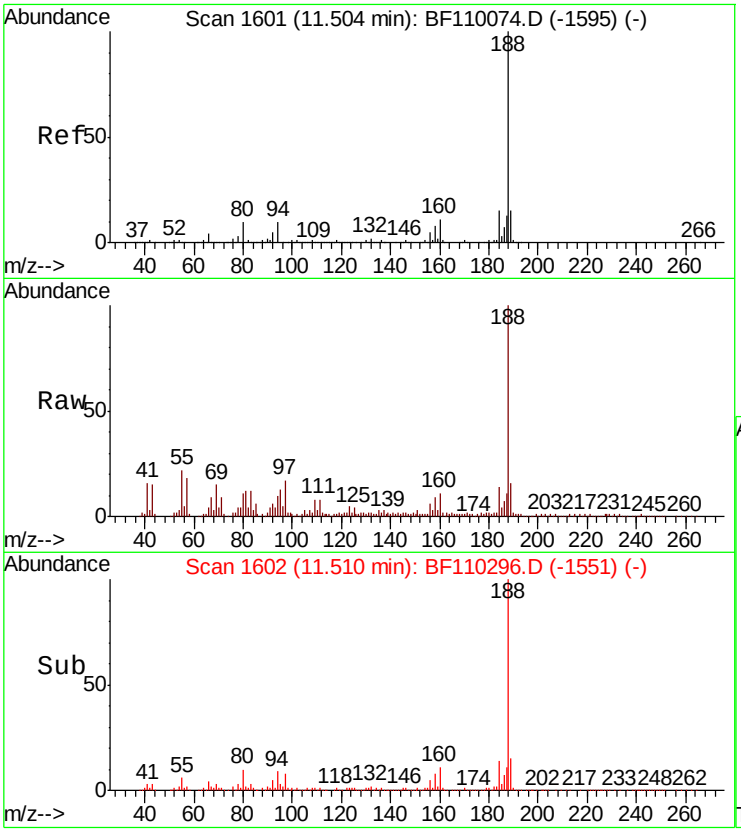


#50
Dimethylphthalate
Concen: 5.223 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion:163 Resp: 50549

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.2	4.8#
164	11.1	8.1	12.1



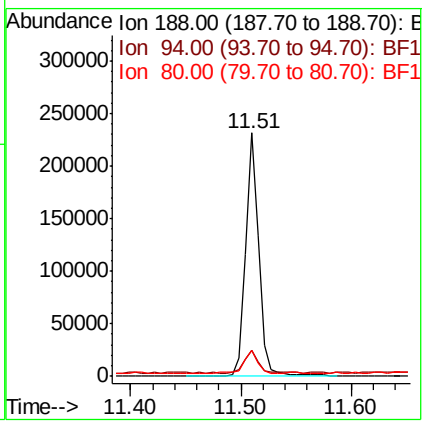


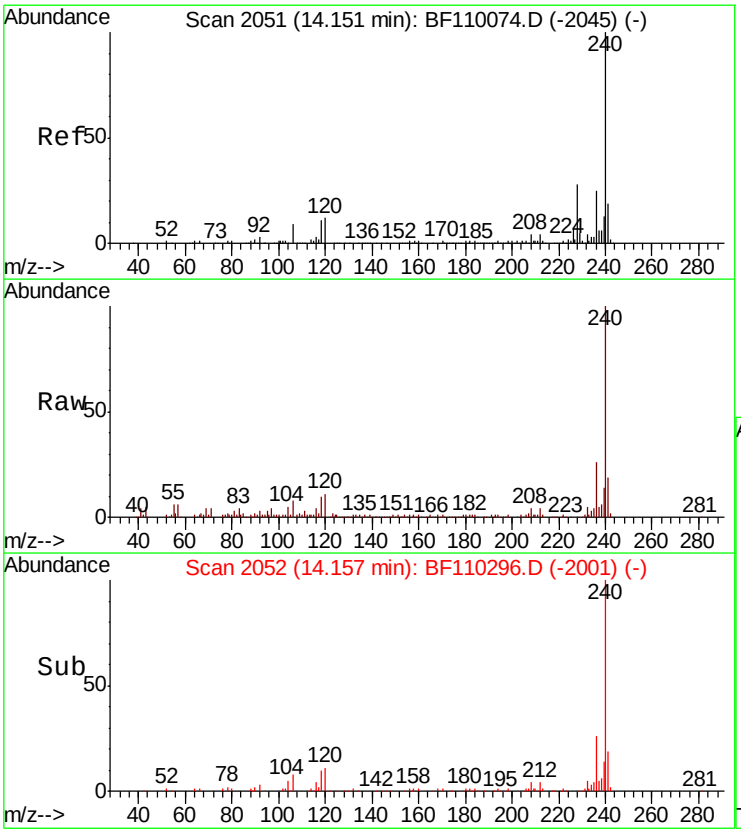
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 194099

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.2	10.8
80	10.7	7.9	11.9

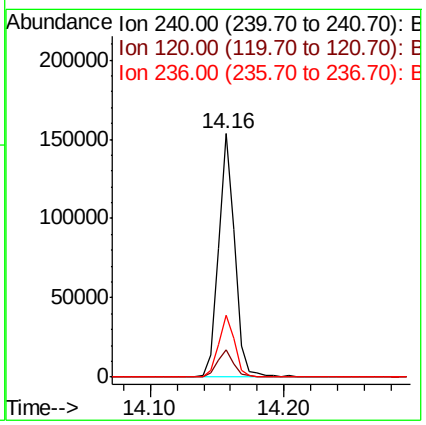


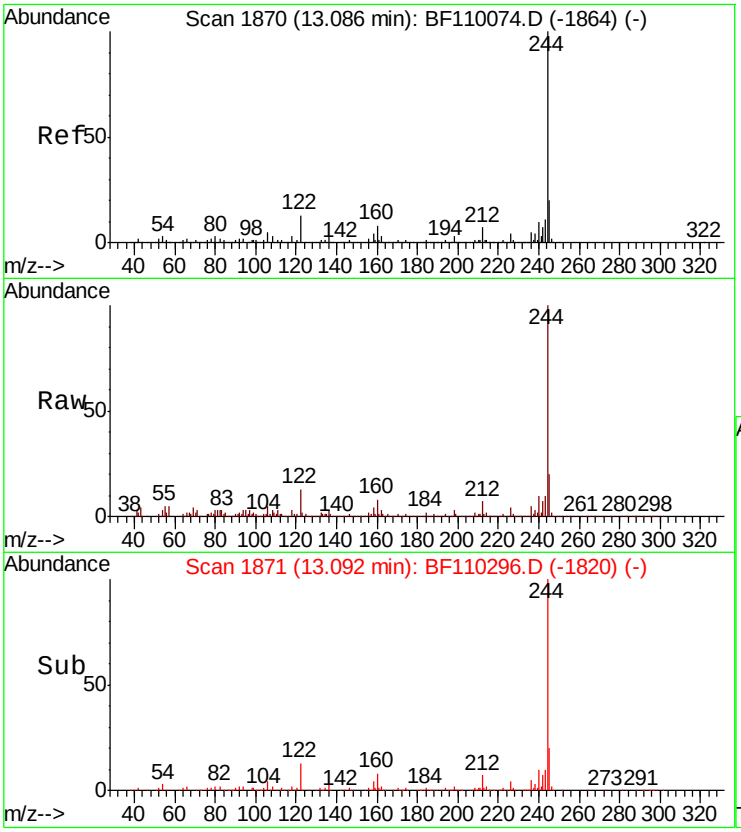


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion:240 Resp: 131650

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.6	21.2	31.8



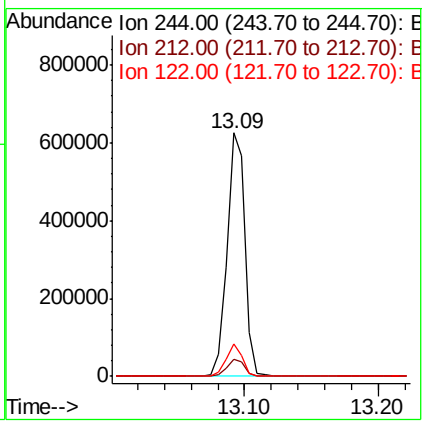


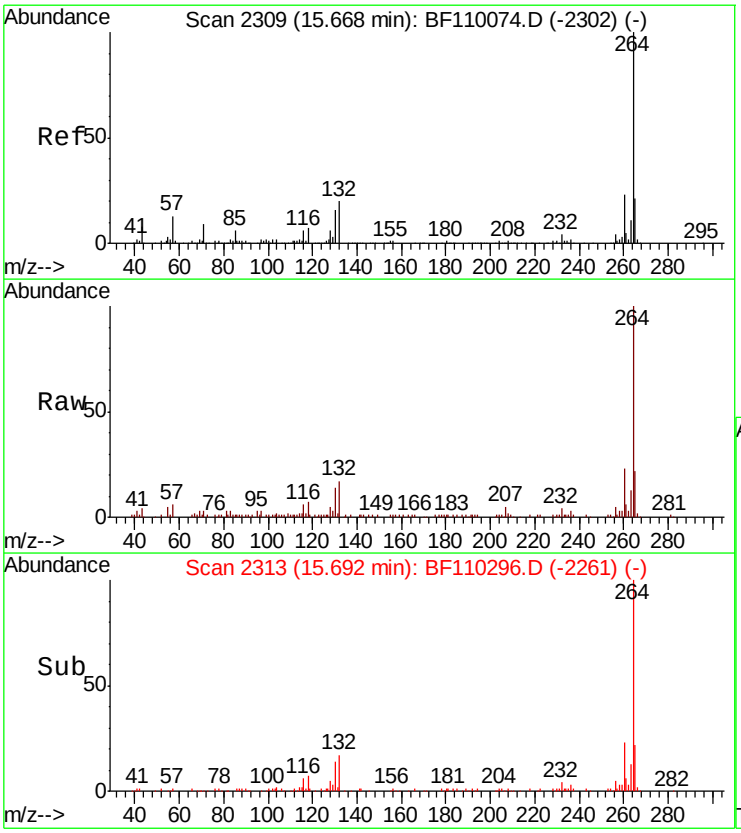
#79
Terphenyl-d14
Concen: 93.002 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 588725

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.1	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF110296.D
Acq: 30 Oct 2018 8:36

Tgt Ion:264 Resp: 97311

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.8	16.7	25.1