Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110155.D
Acq On : 25 Oct 2018 12:18
Operator : JU/SJ
Sample : J5618-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1019-S-DH-16

Quant Time: Oct 26 02:43:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161404	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	645678	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	304199	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	541628	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	279959	20.00	ng	-0.02
87) Perylene-d12	15.67	264	275982	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	933936	94.23	ng	0.00
7) Phenol-d6	6.59	99	1189914	93.86	ng	-0.01
23) Nitrobenzene-d5	7.53	82	750808	68.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	282729	93.83	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1274663	65.80	ng	-0.01
79) Terphenyl-d14	13.09	244	989394	73.50	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.60	94	99977	7.378	ng	# 60
50) Dimethylphthalate	9.72	163	171091	7.619	ng	99
78) Pyrene	12.94	202	40908	2.038	ng	99

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

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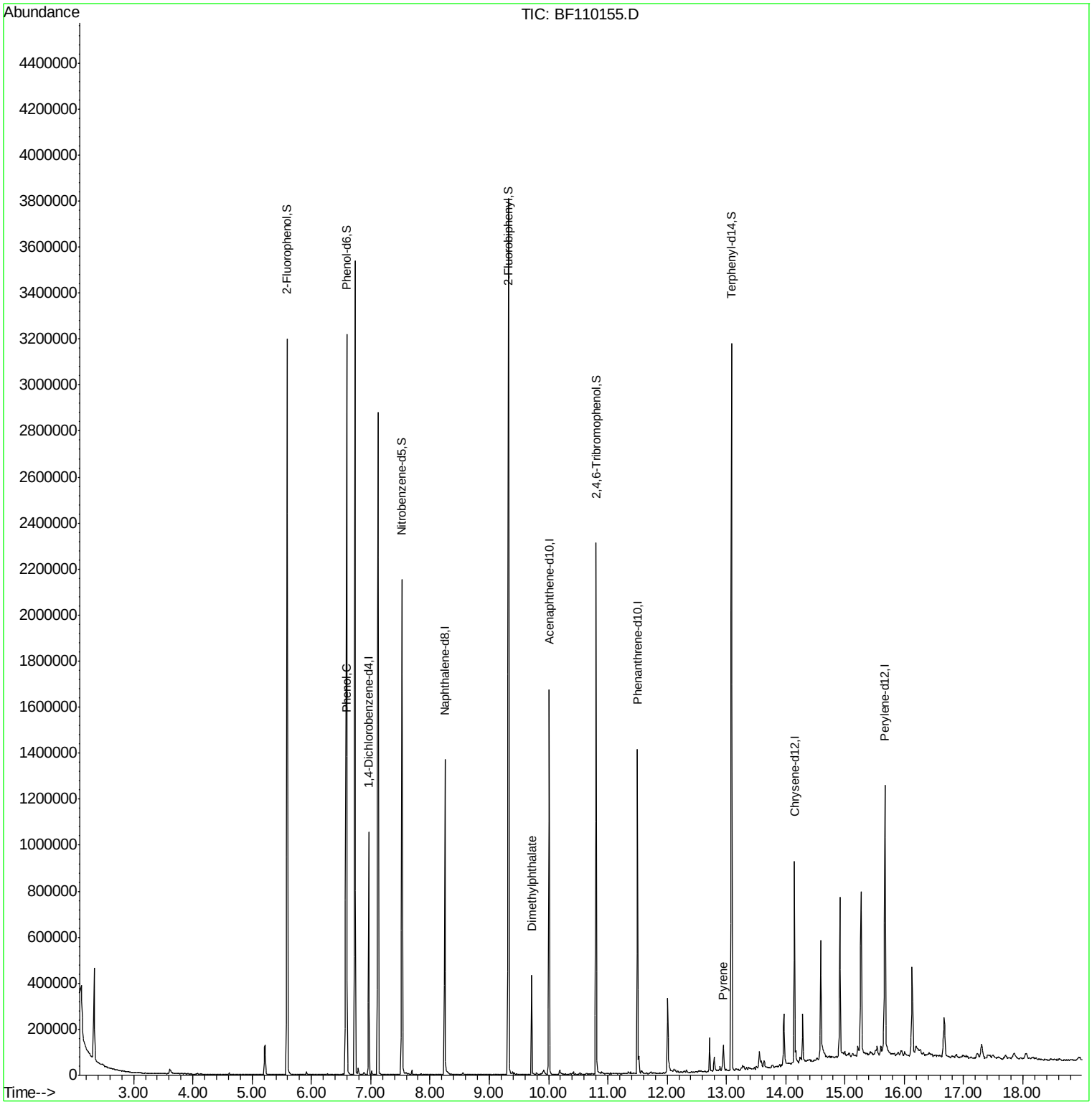
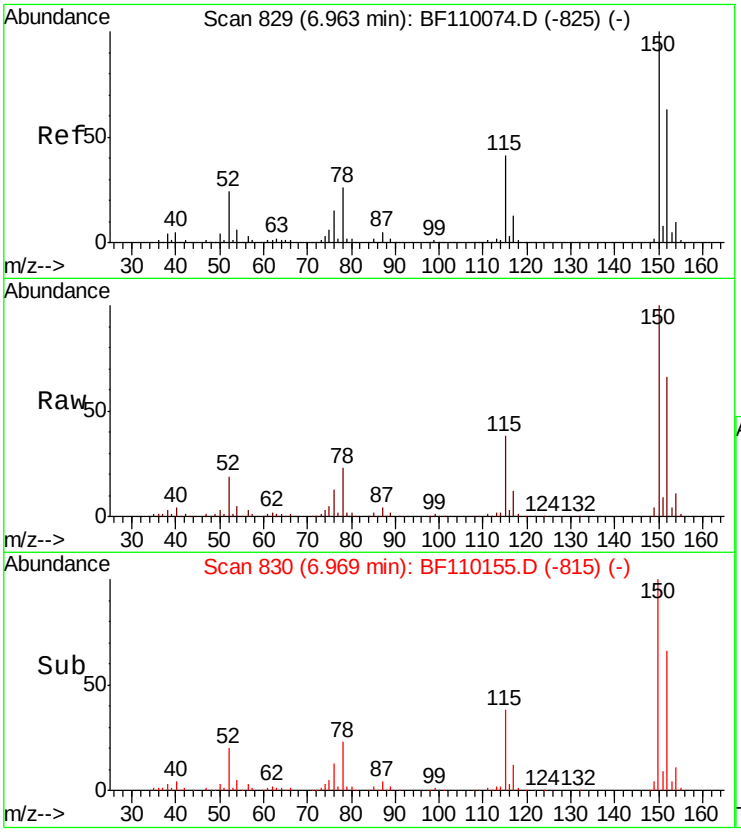


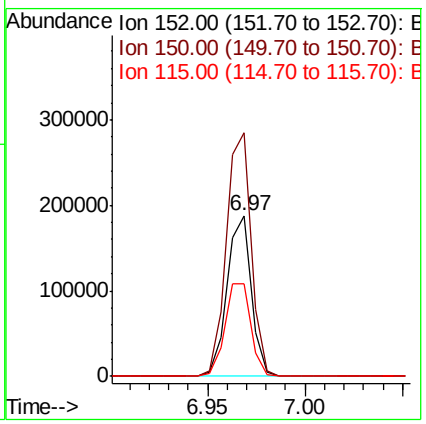


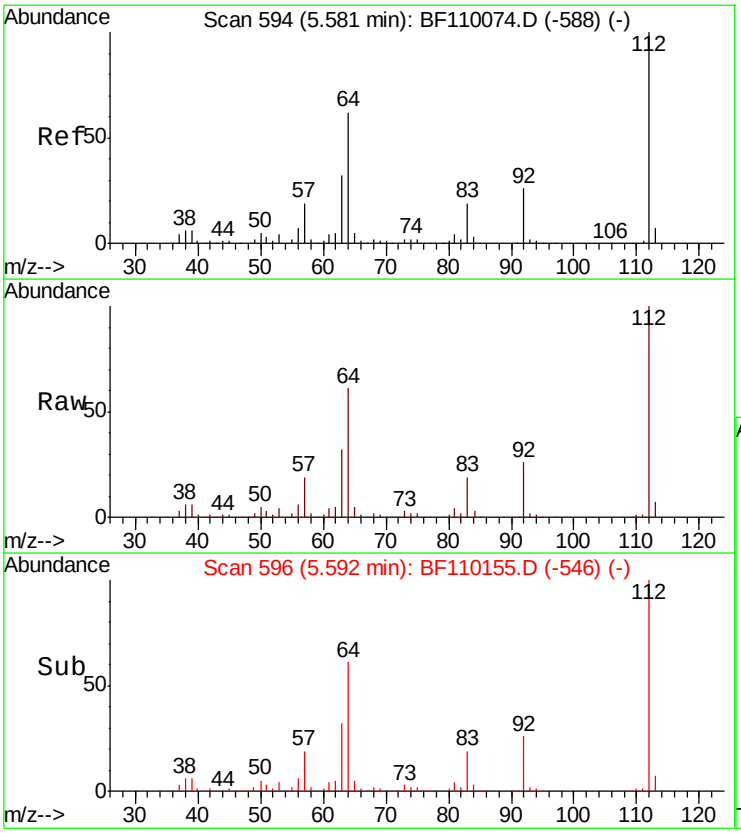
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-1019-S-DH-16

Tgt Ion:152 Resp: 161404

Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.7	184.1
115	57.9	49.1	73.7

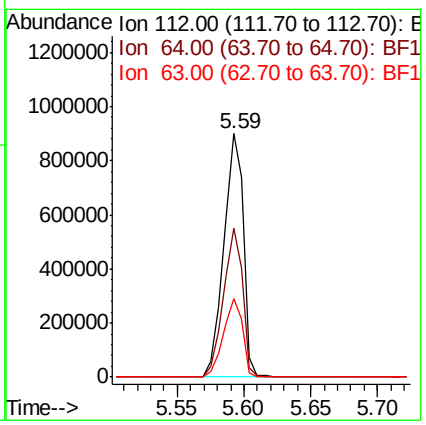


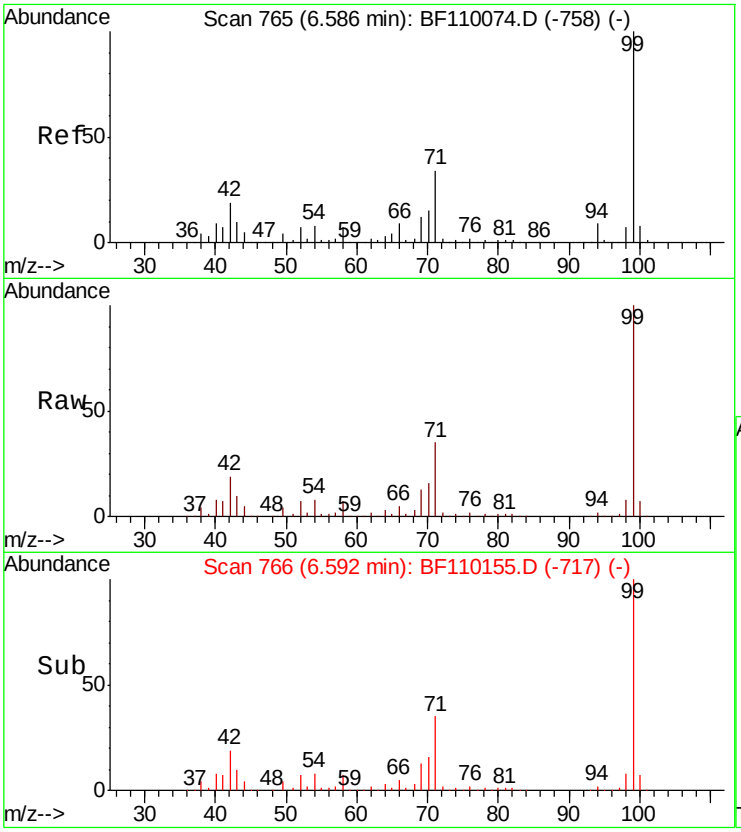


#5
2-Fluorophenol
Concen: 94.228 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion:112 Resp: 933936

Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	32.4	23.7	35.5



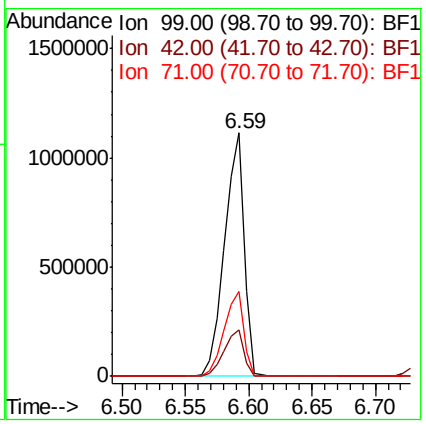


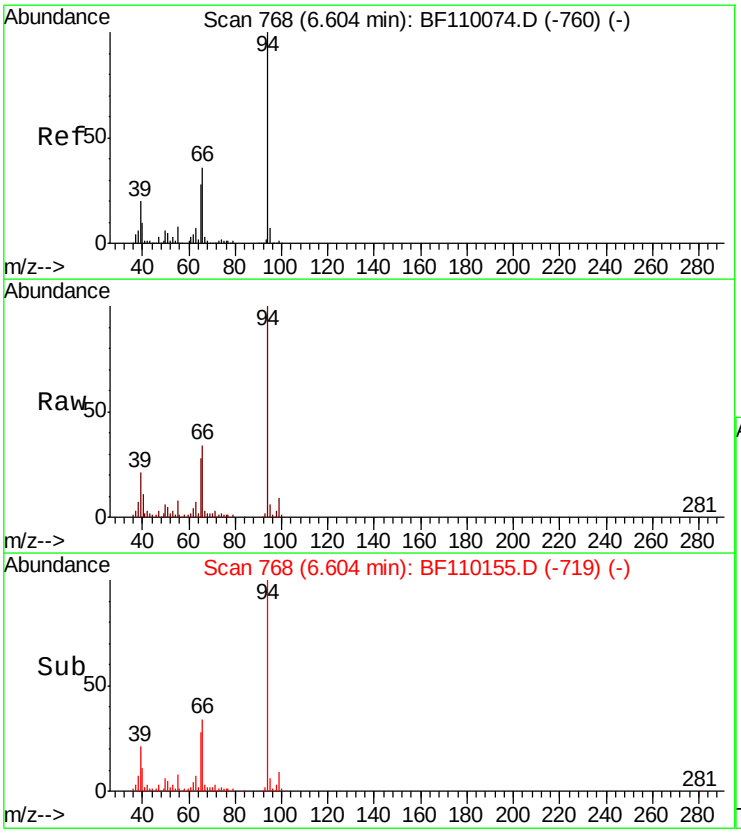
#7
Phenol-d6
Concen: 93.860 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-1019-S-DH-16

Tgt Ion: 99 Resp: 1189914

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	34.8	28.0	42.0

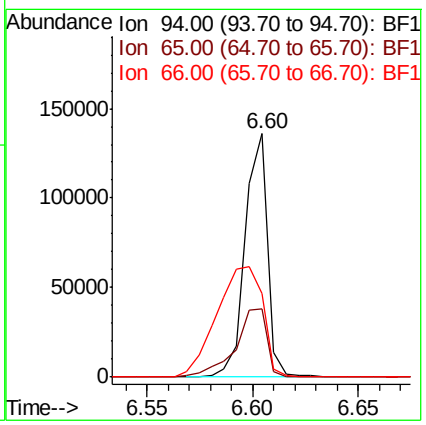


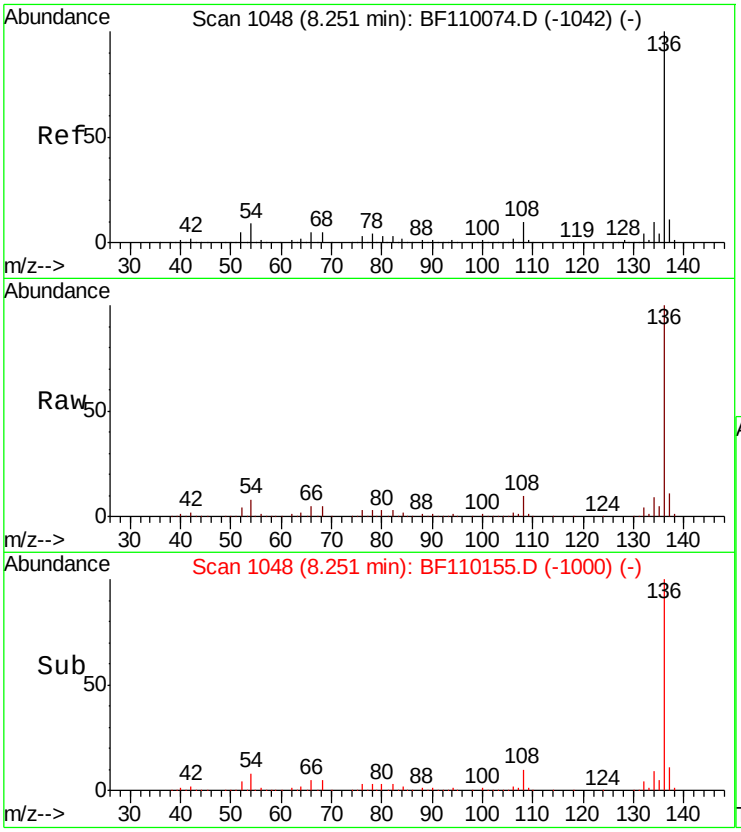


#10
Phenol
Concen: 7.378 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion: 94 Resp: 99977

Ion	Ratio	Lower	Upper
94	100		
65	27.8	25.3	65.3
66	34.3	54.5	94.5#



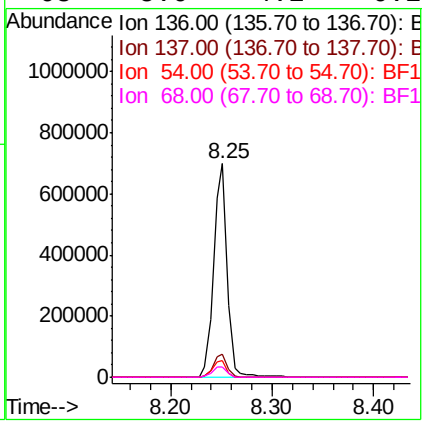


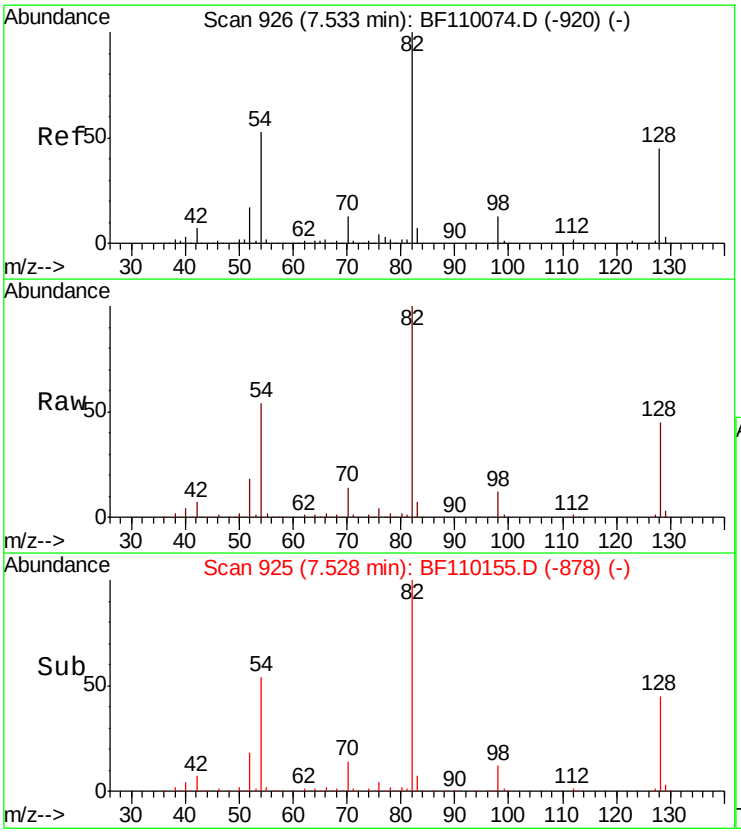
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-1019-S-DH-16

Tgt Ion:136 Resp: 645678

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.8	5.4	8.2
68	5.0	4.2	6.2

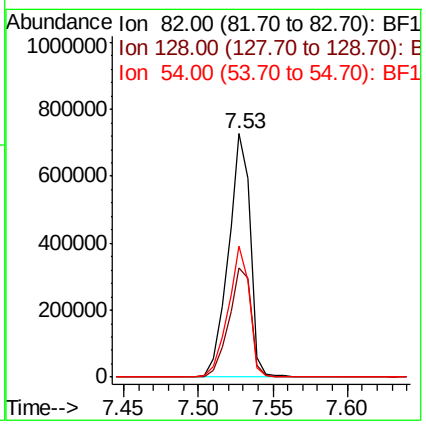


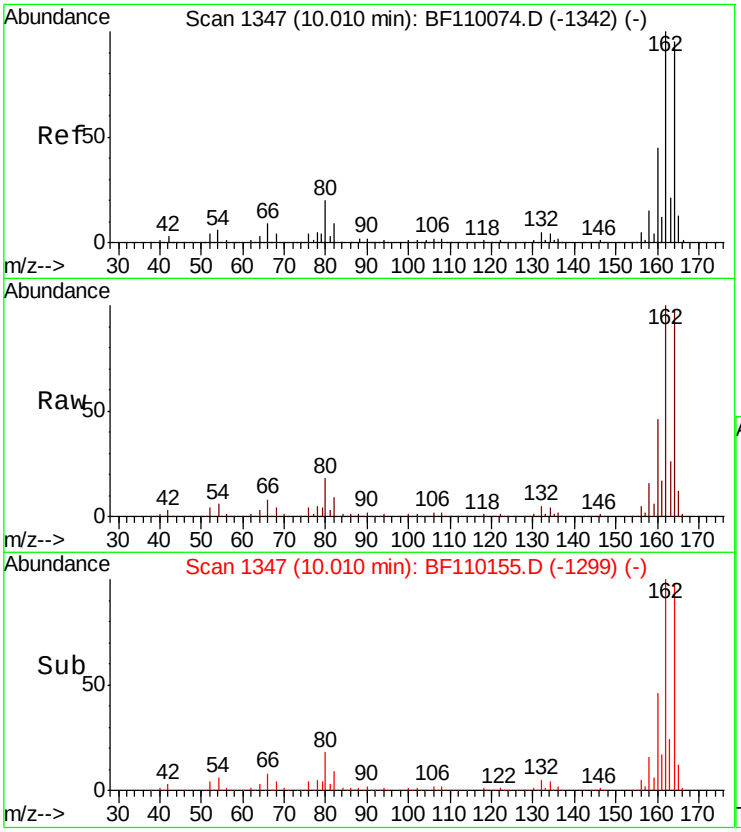


#23
Nitrobenzene-d5
Concen: 68.971 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion: 82 Resp: 750808

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	54.0	38.6	58.0



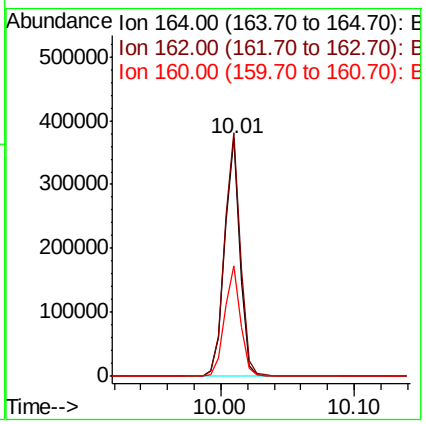


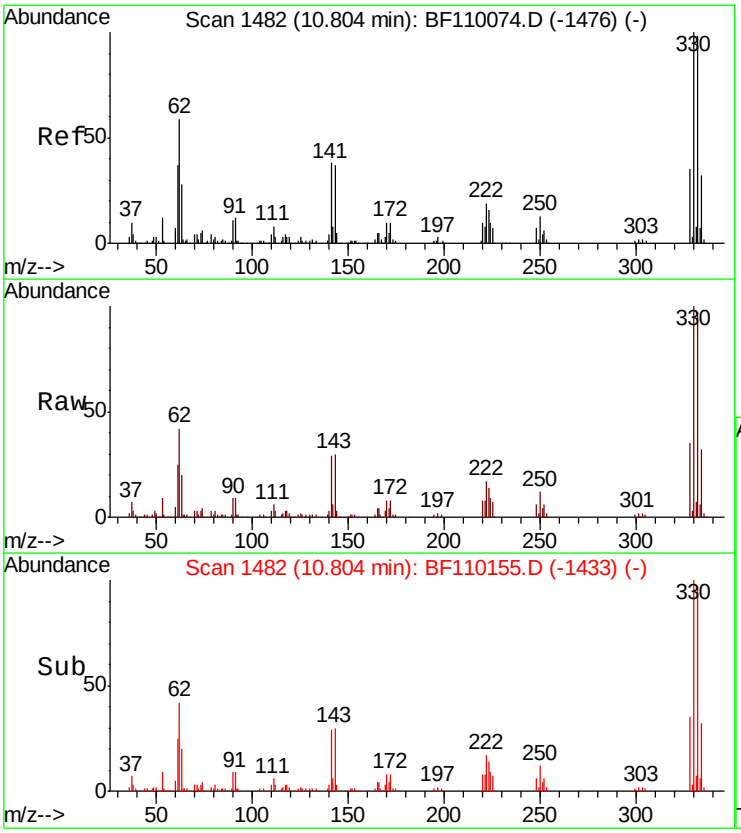
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-1019-S-DH-16

Tgt Ion:164 Resp: 304199

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	46.7	37.0	55.6

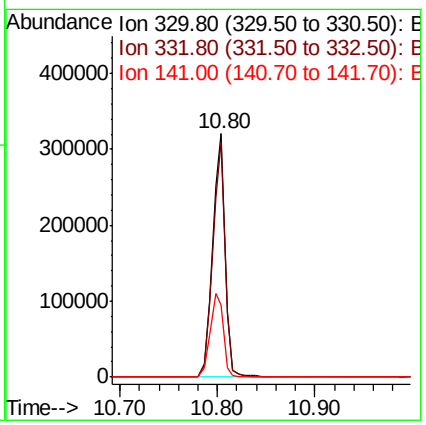


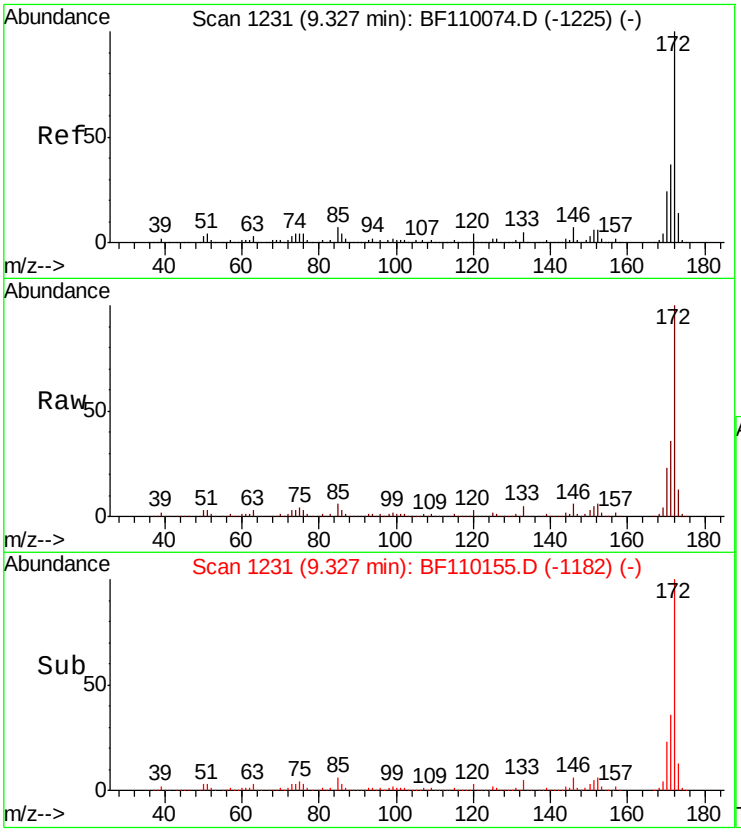


#42
2,4,6-Tribromophenol
Concen: 93.827 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion:330 Resp: 282729

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	36.5	27.0	40.4

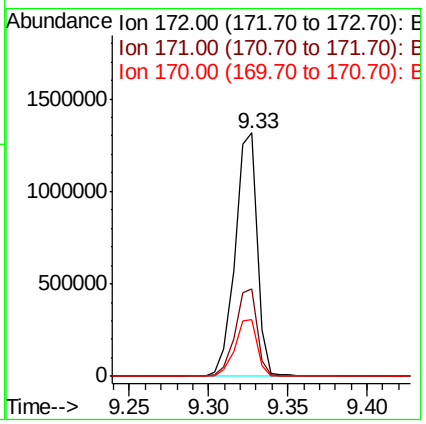




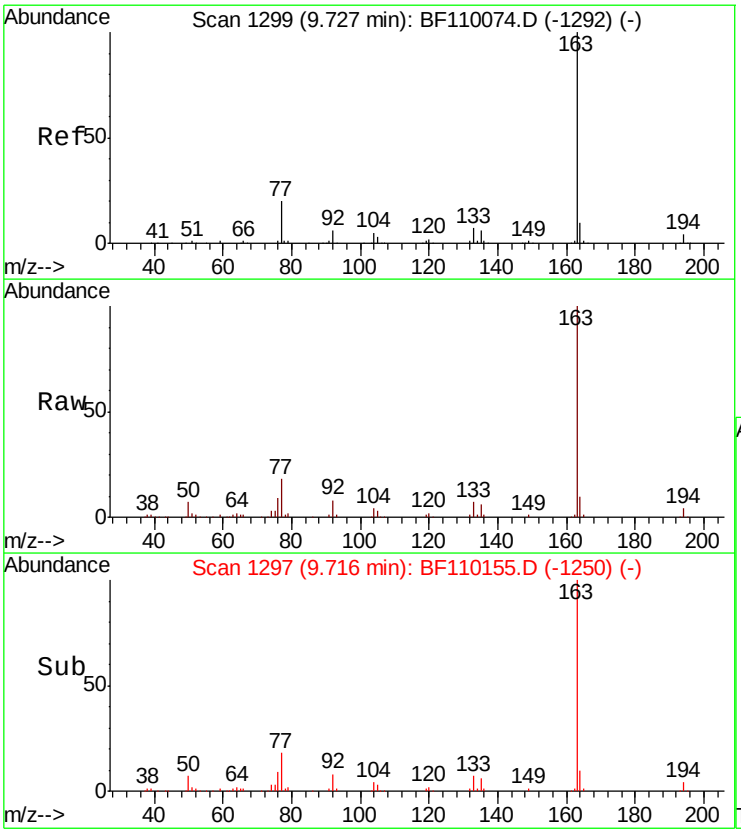
#45
2-Fluorobiphenyl
Concen: 65.797 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion:172 Resp: 1274663

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.3	19.7	29.5



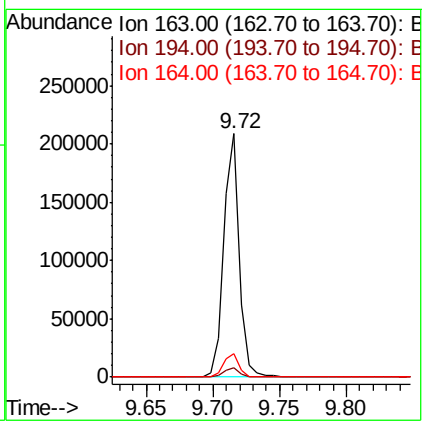
Instrument :
BNA_F
ClientSampleId :
SSSI-1019-S-DH-16

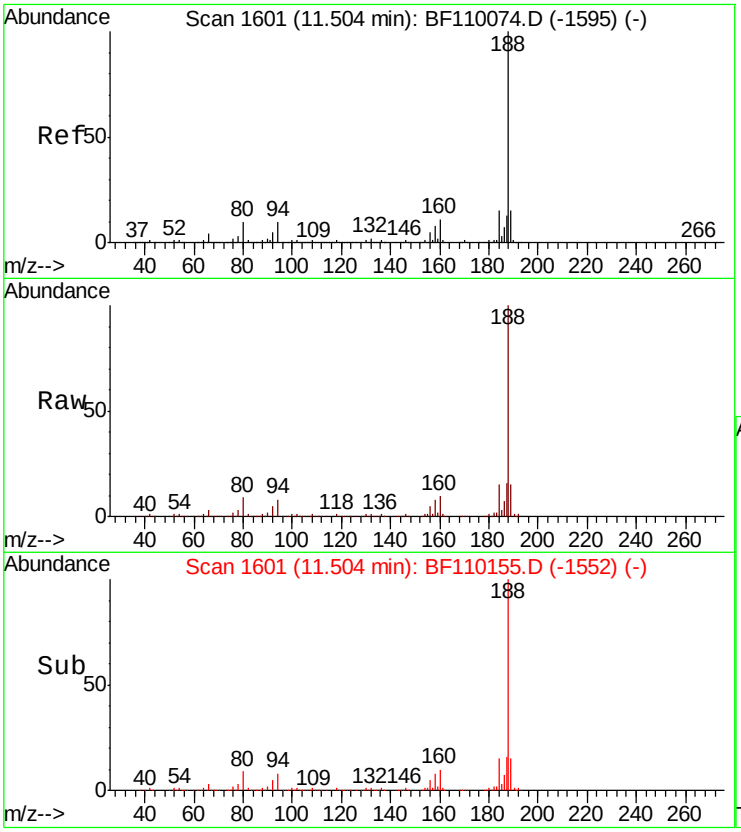


#50
Dimethylphthalate
Concen: 7.619 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion:163 Resp: 171091

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.8	8.1	12.1



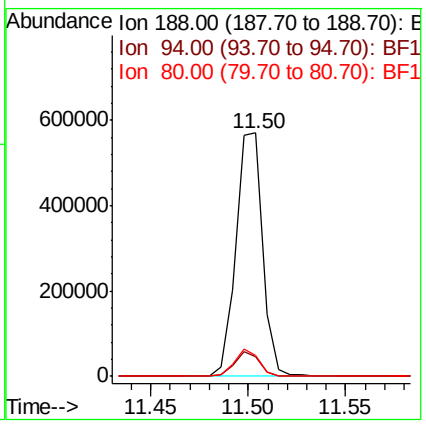


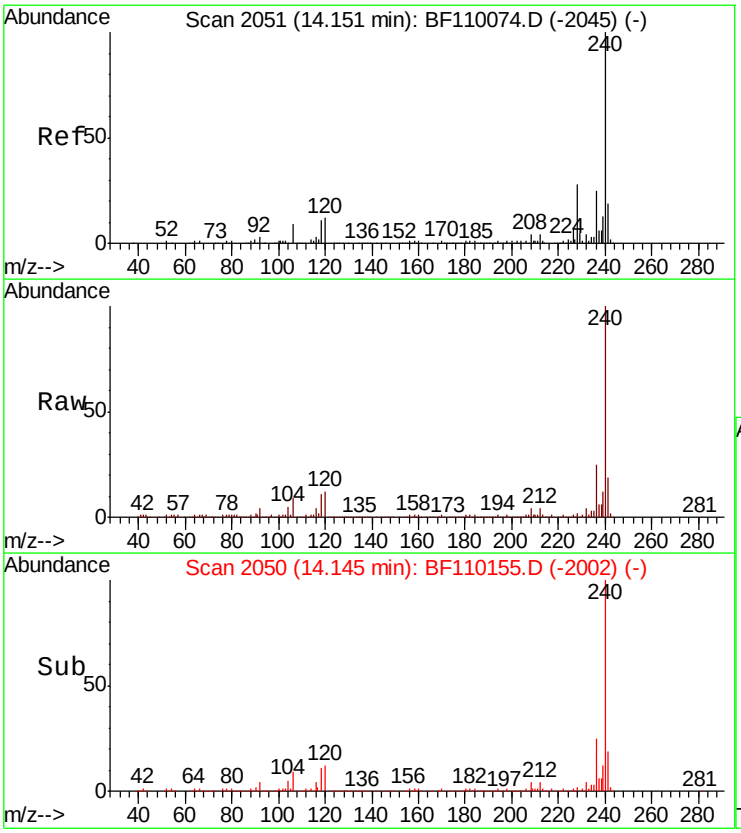
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-1019-S-DH-16

Tgt Ion:188 Resp: 541628

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.8	7.9	11.9

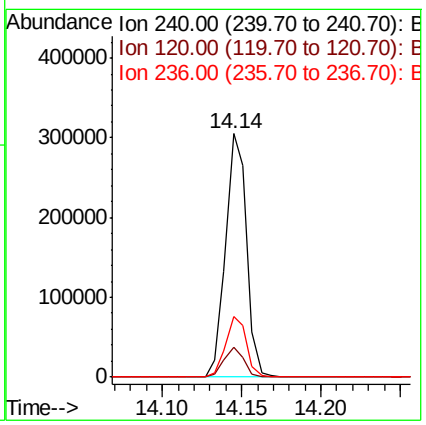


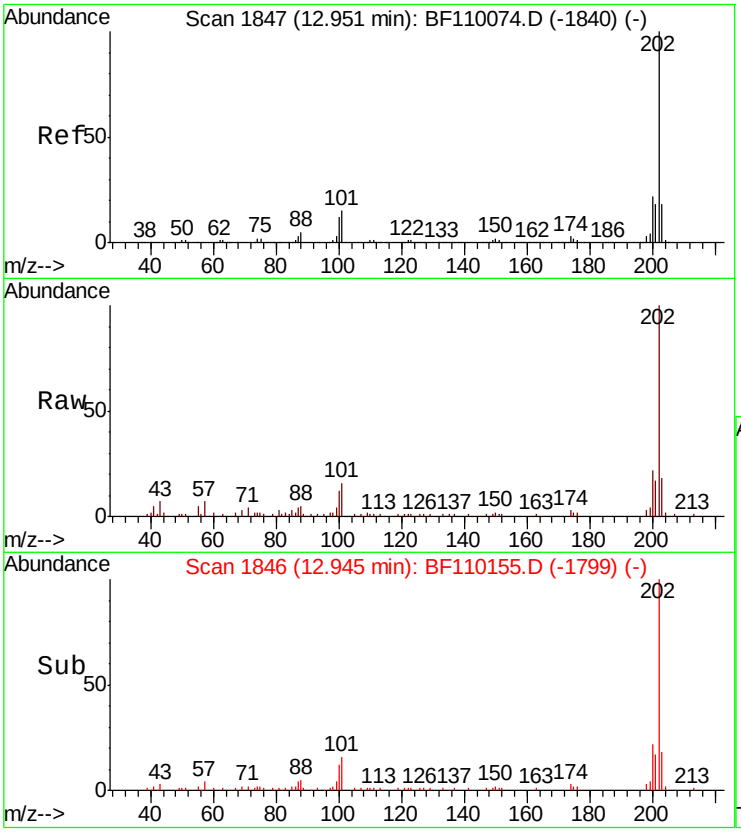


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion:240 Resp: 279959

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5
236	24.8	21.2	31.8



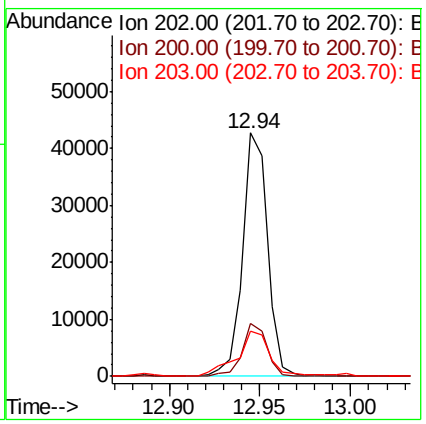


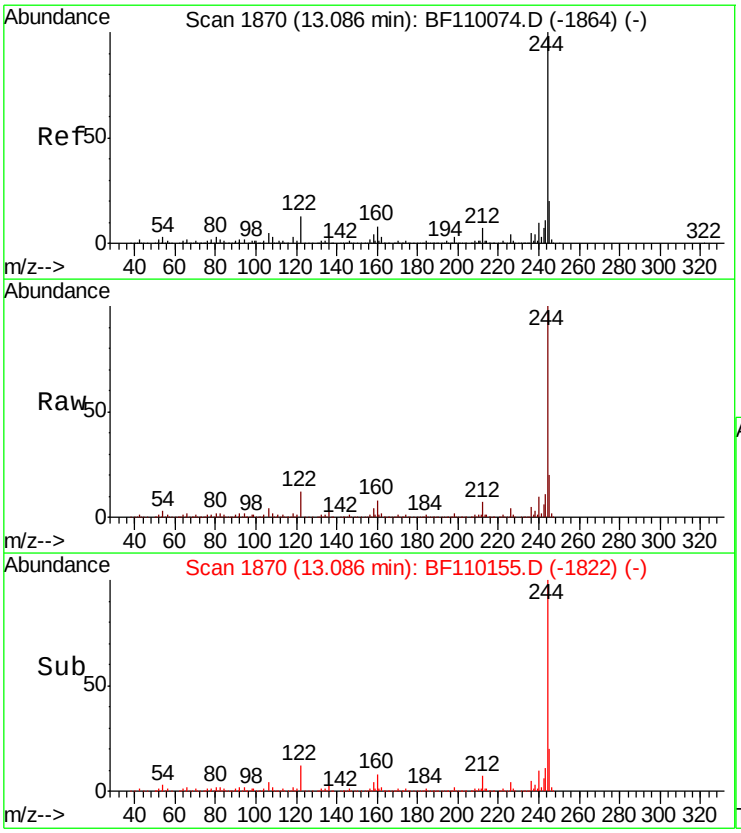
#78
Pyrene
Concen: 2.038 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-1019-S-DH-16

Tgt Ion:202 Resp: 40908

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.4	14.2	21.4

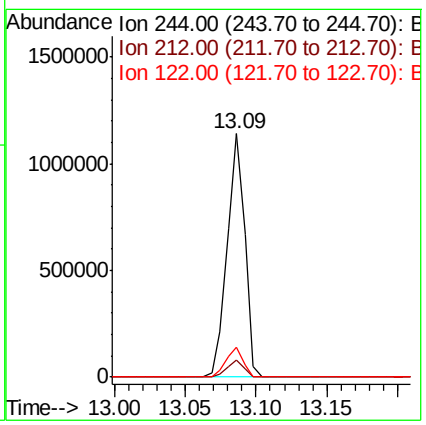


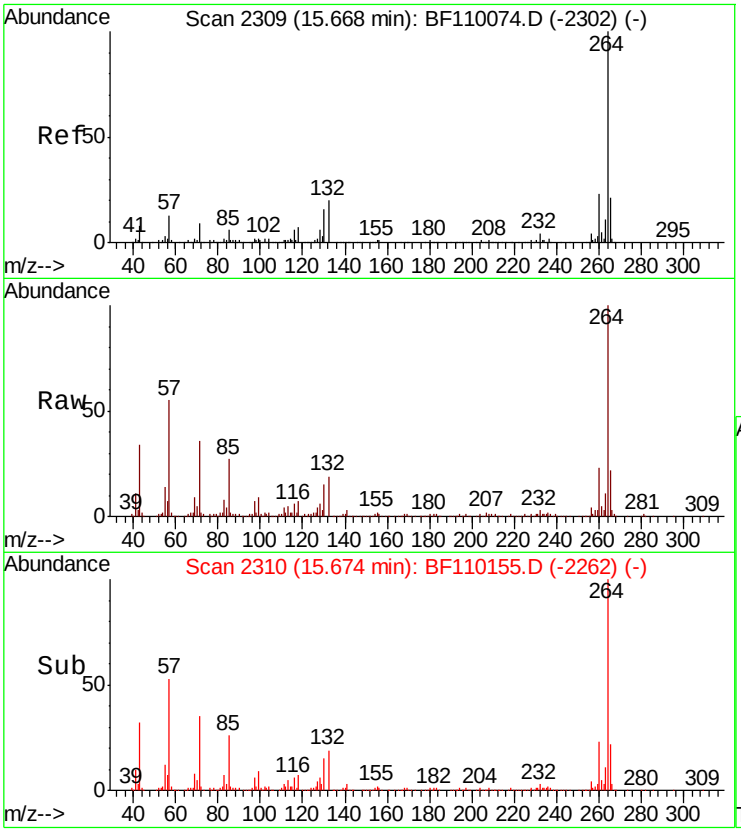


#79
Terphenyl-d14
Concen: 73.498 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion:244 Resp: 989394

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-1019-S-DH-16

Tgt Ion:264 Resp: 275982

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	16.7	25.1