Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101527.D
Acq On : 19 Dec 2017 17:27
Operator : SJ/JU
Sample : I6940-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB16206-VB16211

Quant Time: Dec 20 07:23:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133382	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	535364	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	235287	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	416108	20.00	ng	0.00
75) Chrysene-d12	13.99	240	253105	20.00	ng	0.00
86) Perylene-d12	15.46	264	301509	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	857625	95.78	ng	0.01
7) Phenol-d6	6.45	99	1169377	104.93	ng	0.00
23) Nitrobenzene-d5	7.38	82	750322	78.02	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	209318	92.33	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1214055	80.04	ng	0.00
78) Terphenyl-d14	12.92	244	920505	87.68	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	94337	7.427	ng	93
31) Naphthalene	8.11	128	60875	2.259	ng	98
49) Dimethylphthalate	9.56	163	168394	8.898	ng	99
70) Phenanthrene	11.36	178	120430	5.204	ng	97
74) Fluoranthene	12.56	202	59093	2.433	ng	98
77) Pyrene	12.79	202	38755	2.040	ng	95

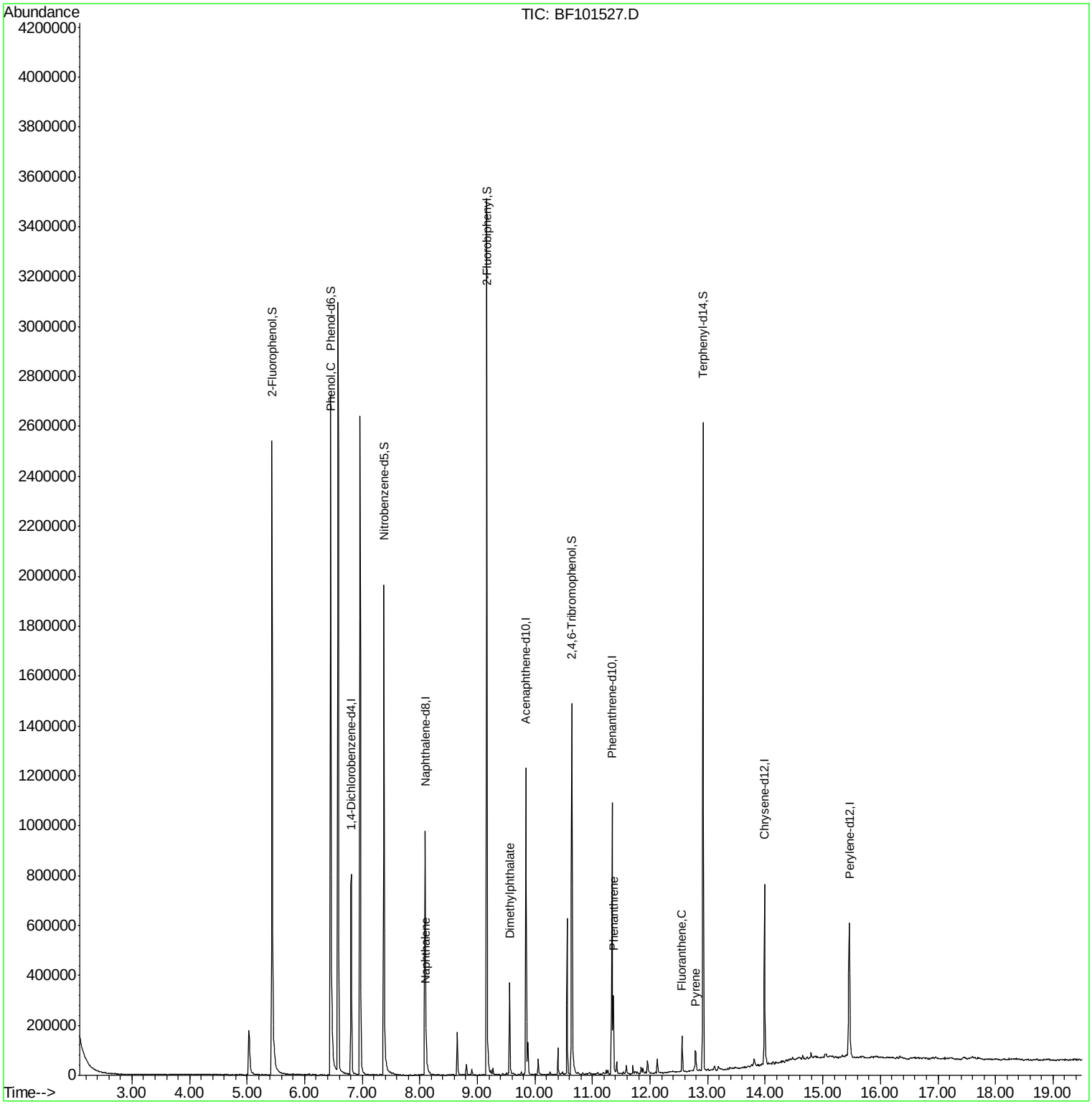
(#) = qualifier out of range (m) = manual integration (+) = signals summed

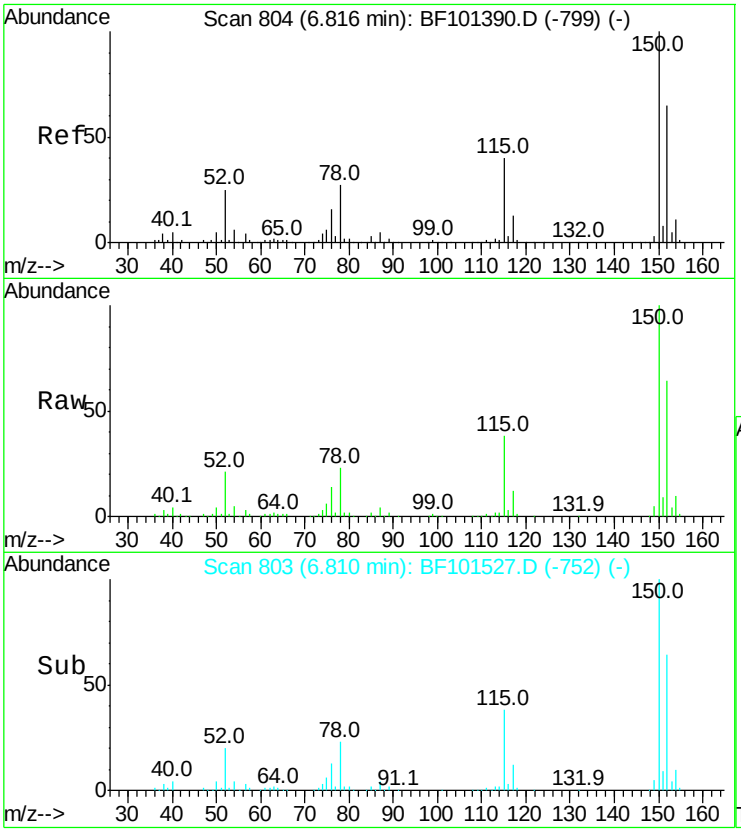
Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101527.D
Acq On : 19 Dec 2017 17:27
Operator : SJ/JU
Sample : I6940-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Quant Time: Dec 20 07:23:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration



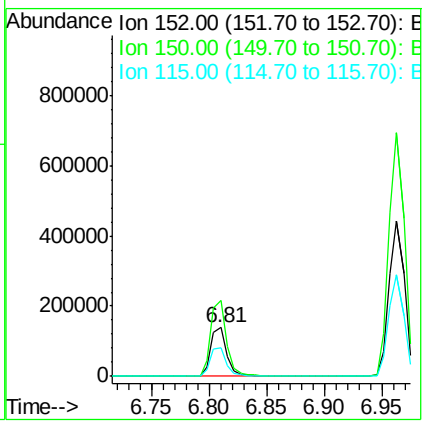


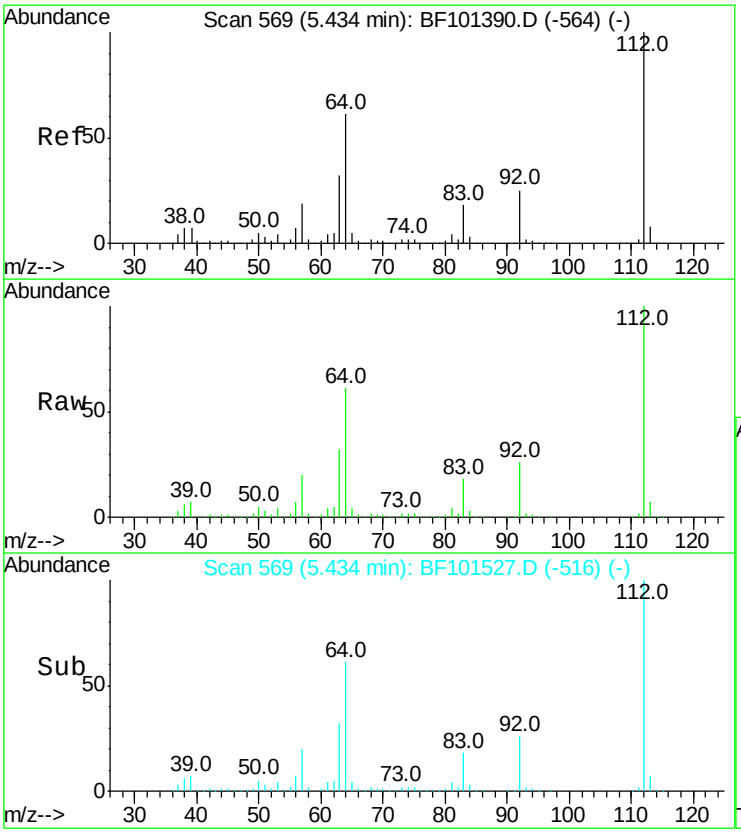
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tgt Ion:152 Resp: 133382

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	58.7	50.1	75.1

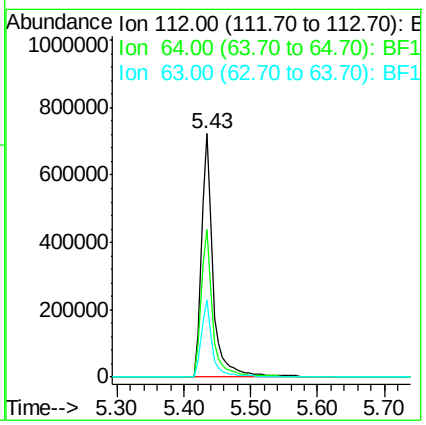


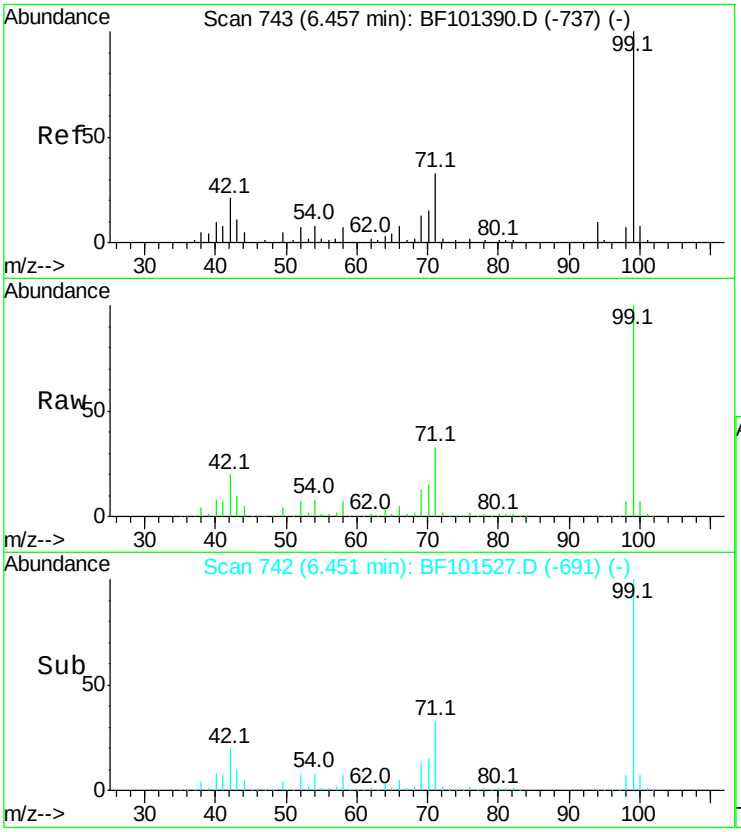


#5
2-Fluorophenol
Concen: 95.778 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:112 Resp: 857625

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.6	23.7	35.5



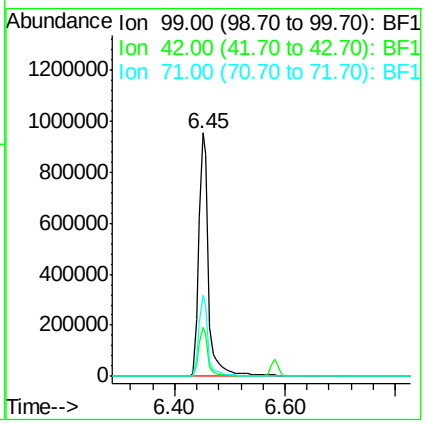


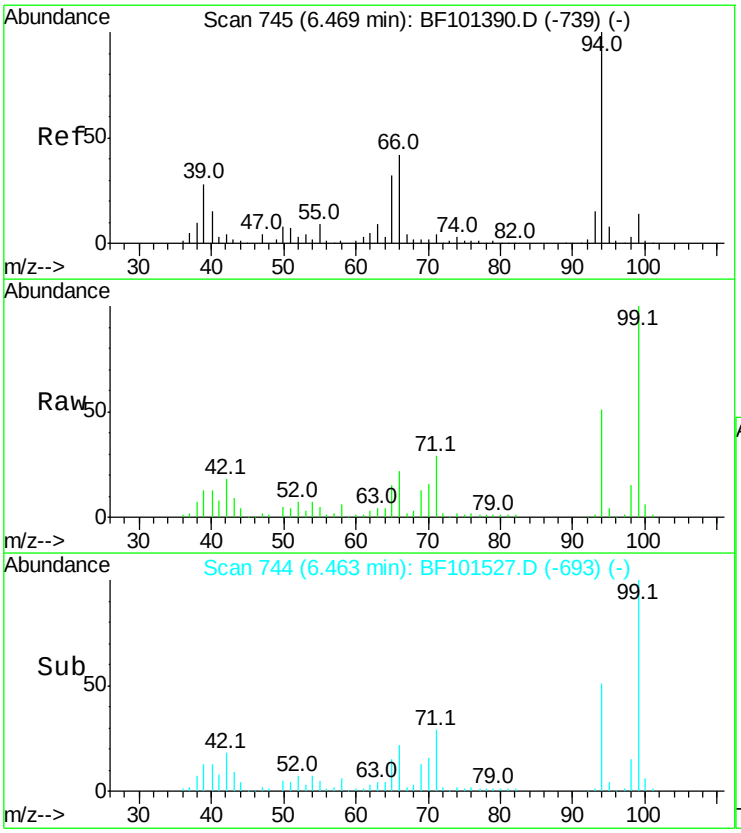
#7
Phenol-d6
Concen: 104.933 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tgt Ion: 99 Resp: 1169377

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.4	25.4	38.0

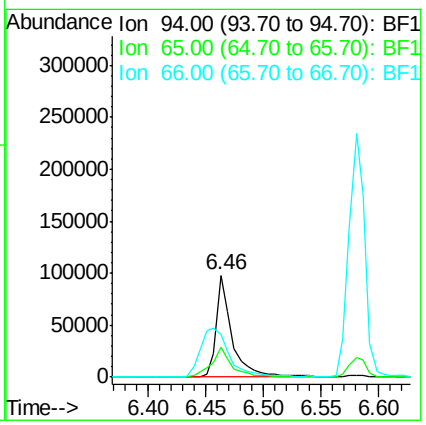


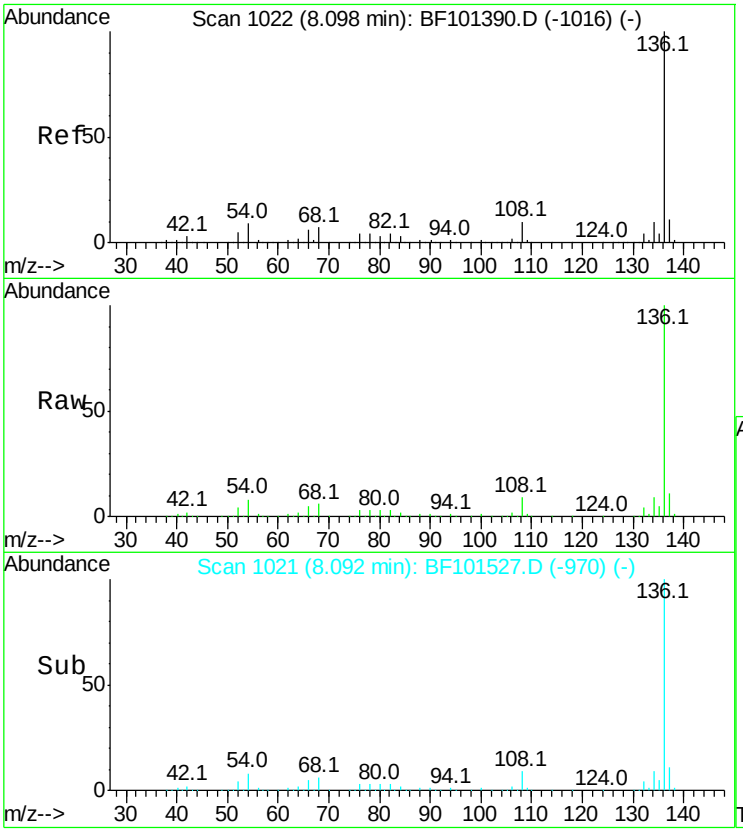


#10
Phenol
Concen: 7.427 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion: 94 Resp: 94337

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	42.4	16.2	56.2



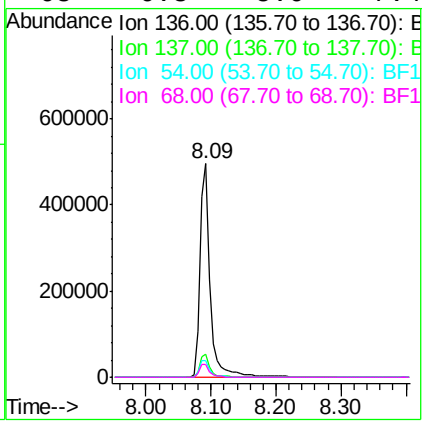


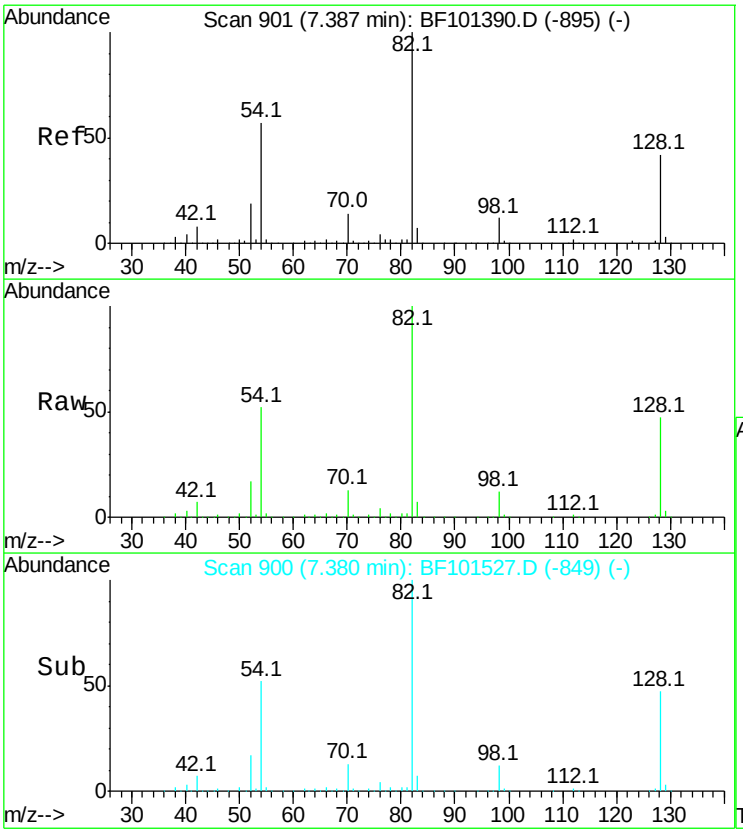
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tgt Ion:136 Resp: 535364

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	6.6	9.8
68	6.3	5.0	7.4

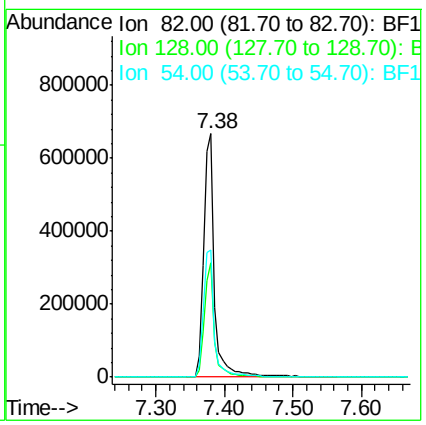


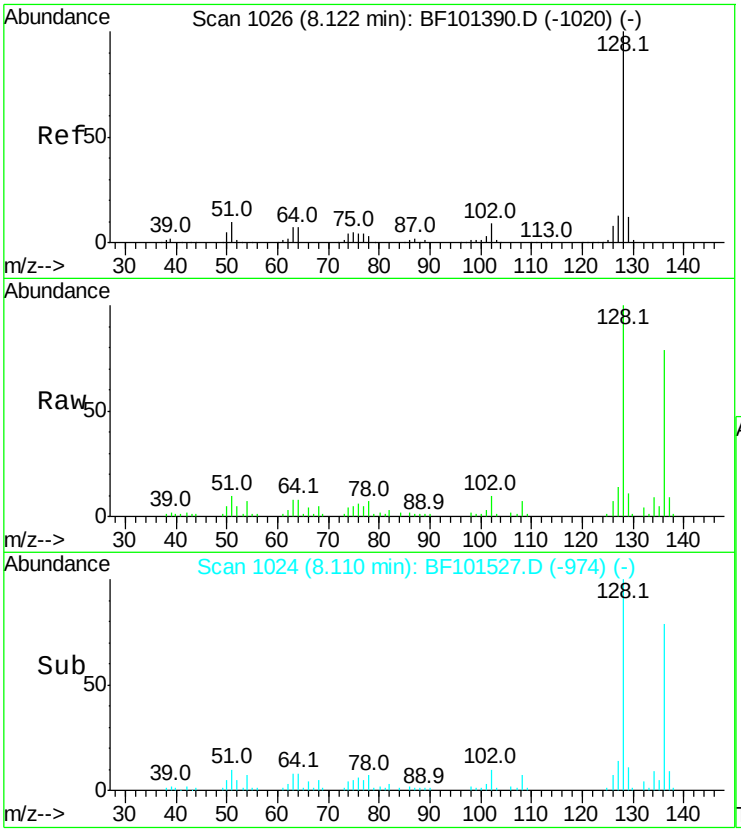


#23
Nitrobenzene-d5
Concen: 78.017 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion: 82 Resp: 750322

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	52.2	41.4	62.2



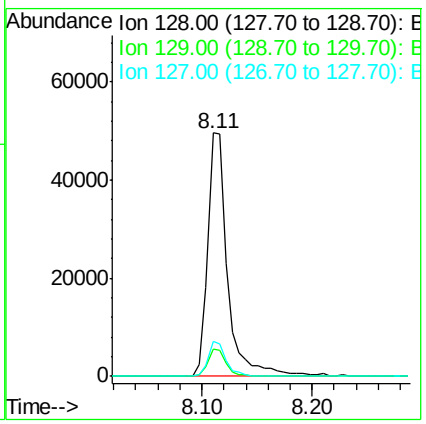


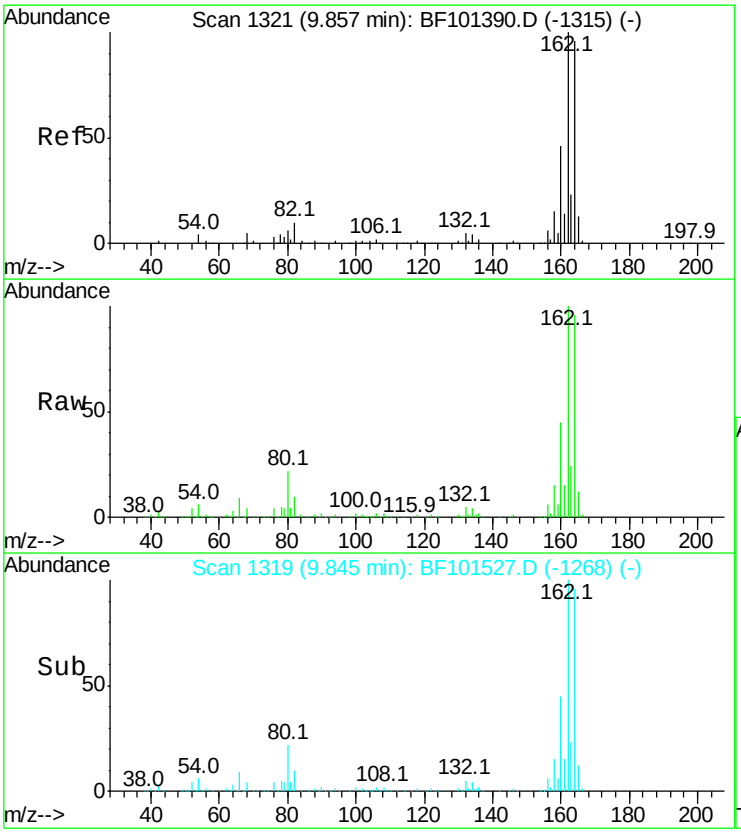
#31
Naphthalene
Concen: 2.259 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tgt Ion:128 Resp: 60875

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.4	10.9	16.3

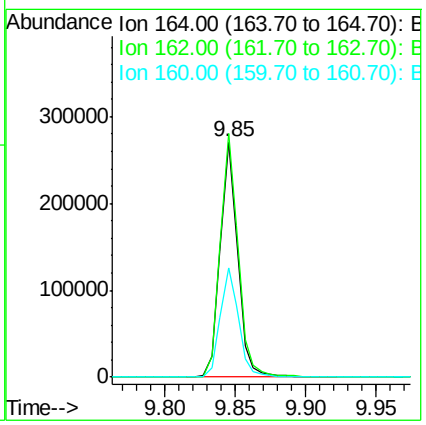


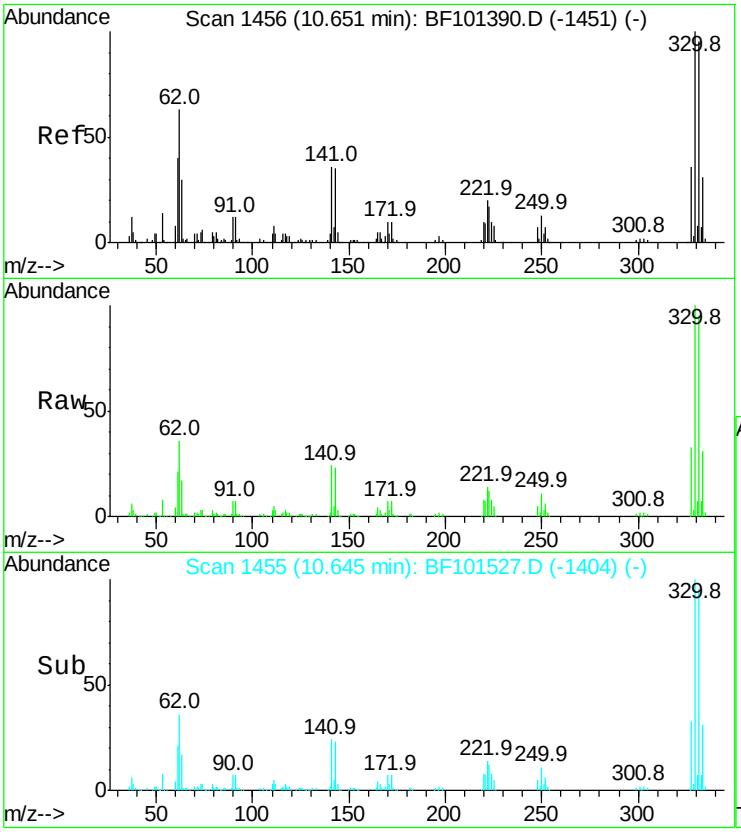


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:164 Resp: 235287

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.6	38.3	57.5



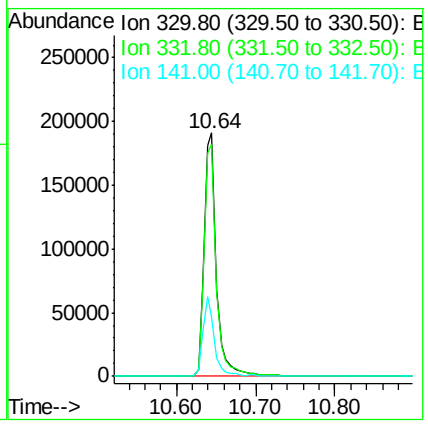


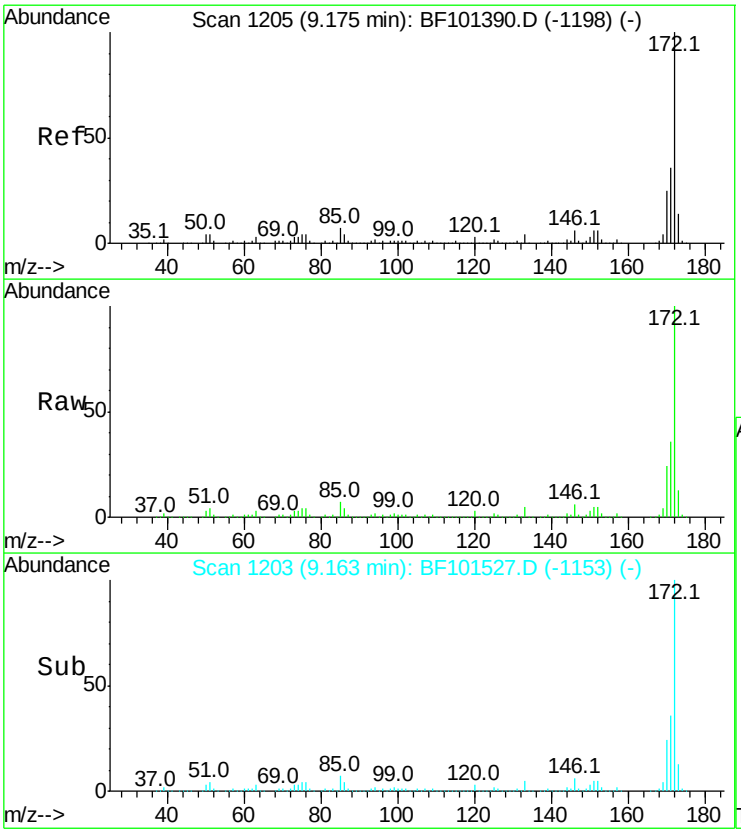
#41
2,4,6-Tribromophenol
Concen: 92.326 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tgt Ion:330 Resp: 209318

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	30.9	29.9	44.9

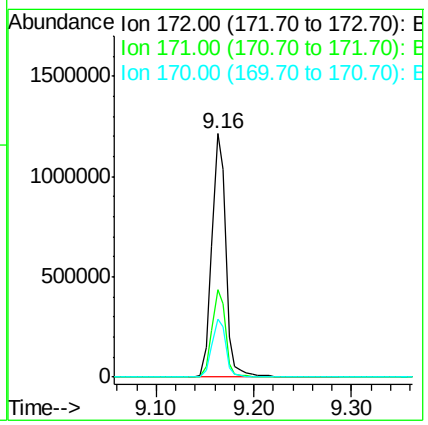


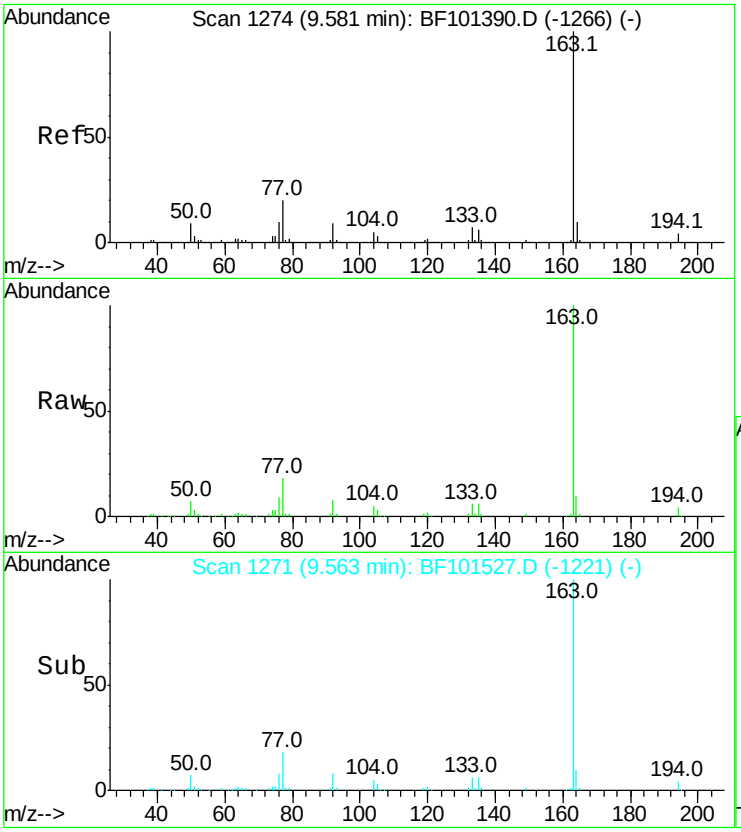


#44
2-Fluorobiphenyl
Concen: 80.042 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:172 Resp: 1214055

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4



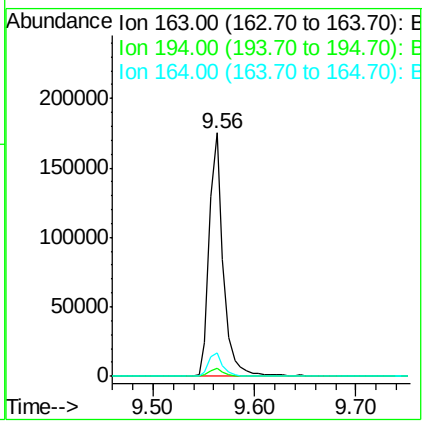


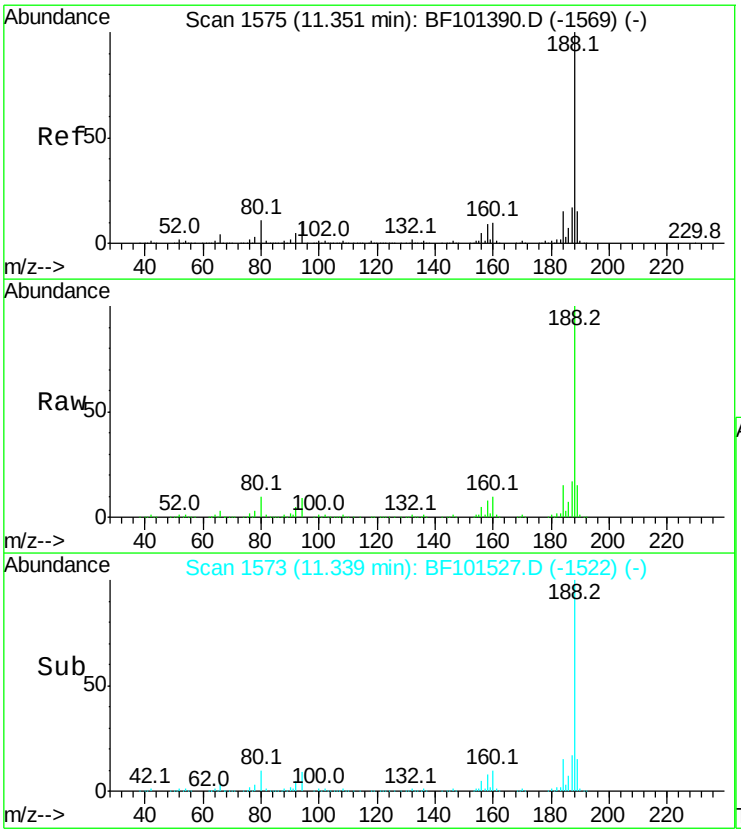
#49
Dimethylphthalate
Concen: 8.898 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument : BNA_F
ClientSampleId : VB16206-VB16211

Tgt Ion:163 Resp: 168394

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

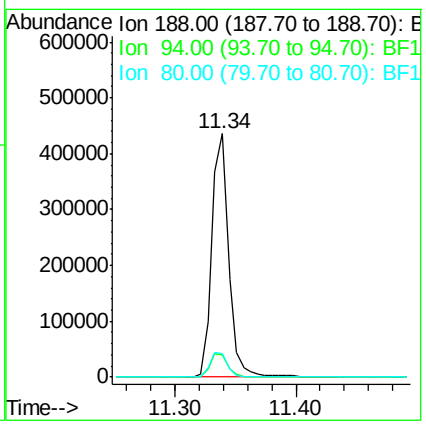


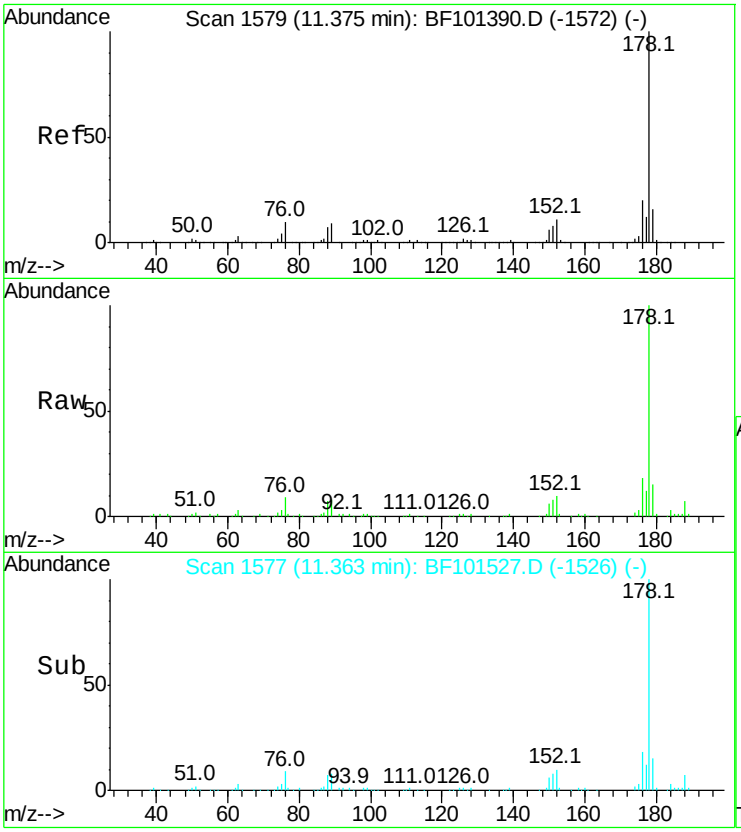


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:188 Resp: 416108

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8



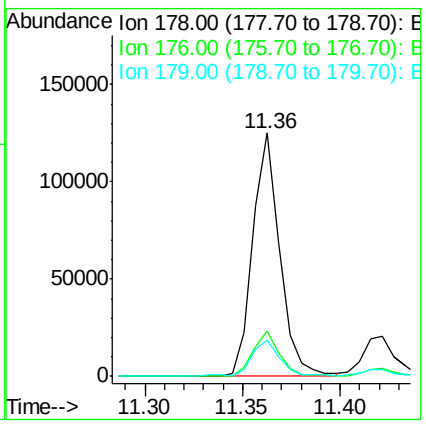


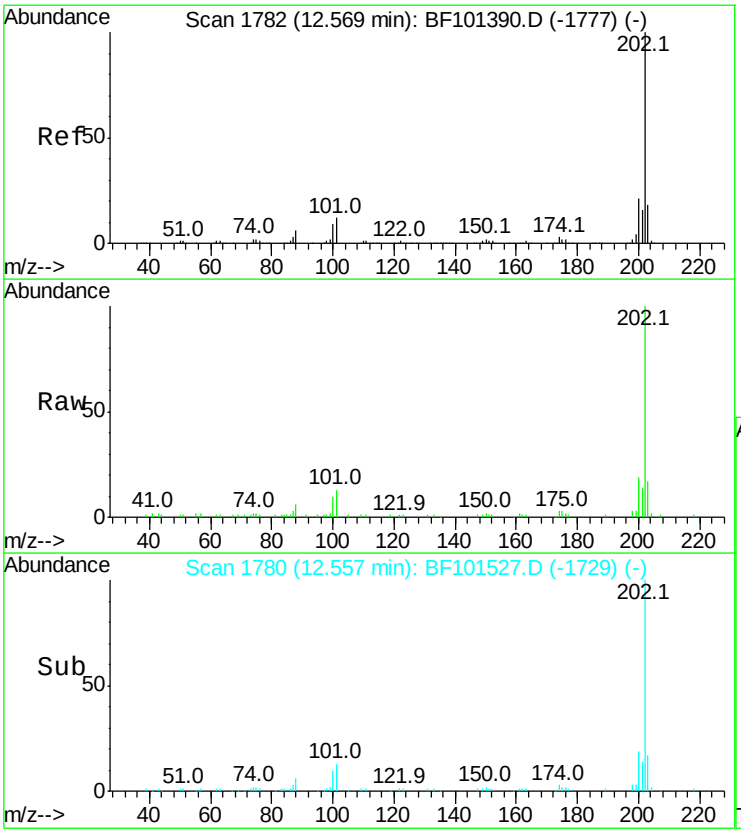
#70
Phenanthrene
Concen: 5.204 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tgt Ion:178 Resp: 120430

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.7	13.0	19.6

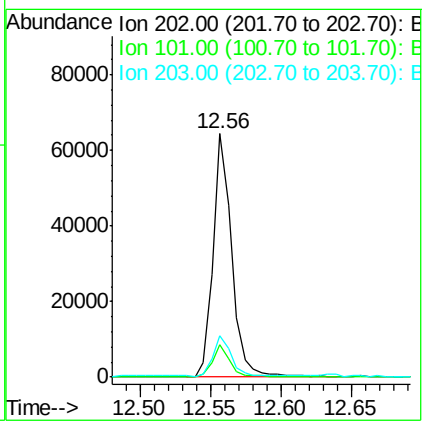


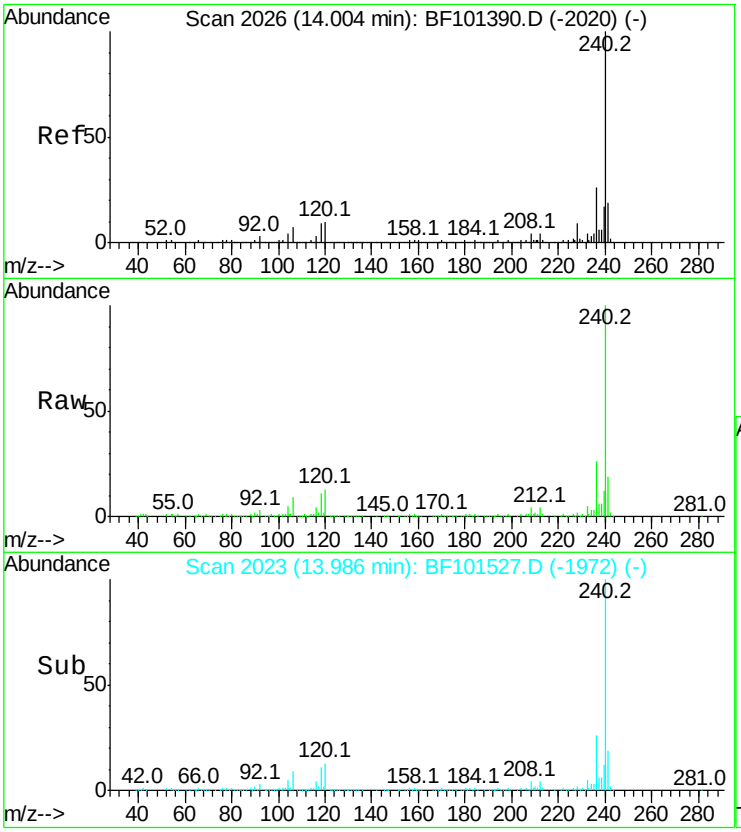


#74
Fluoranthene
Concen: 2.433 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:202 Resp: 59093

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	16.7	0.0	38.1



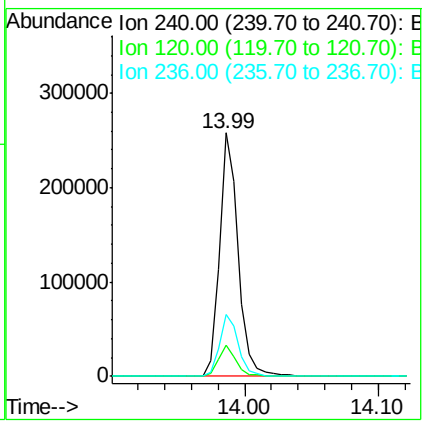


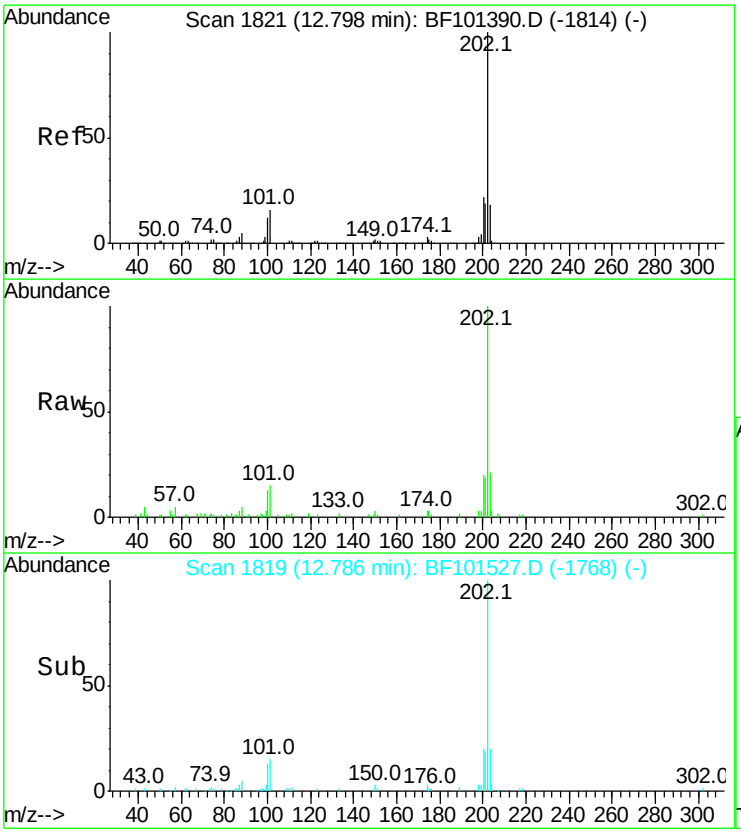
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tgt Ion:240 Resp: 253105

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.6	20.7	31.1

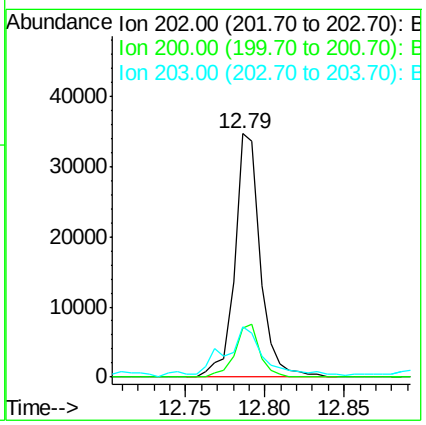


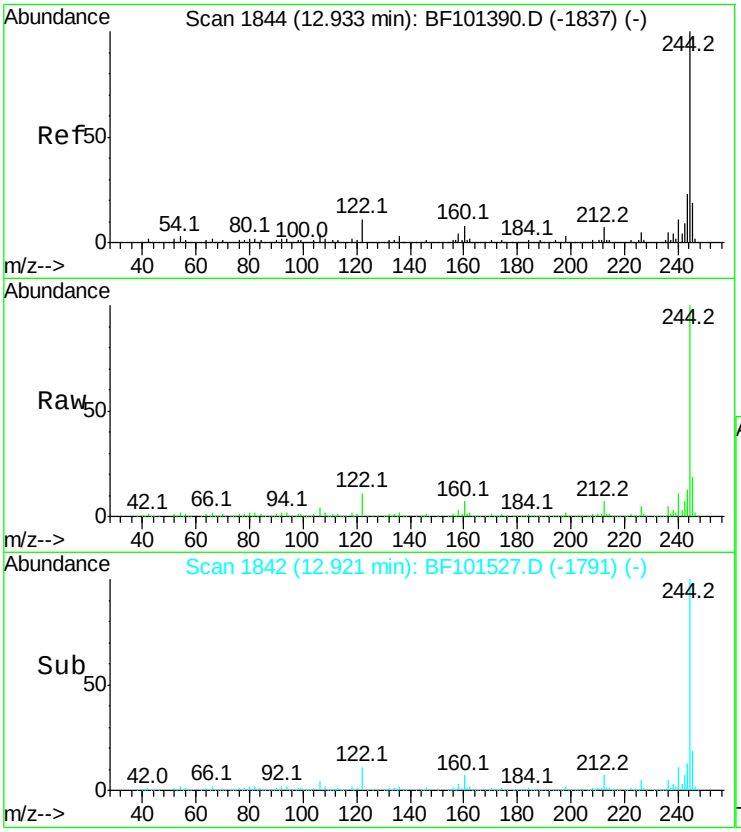


#77
Pyrene
Concen: 2.040 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:202 Resp: 38755

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	20.7	14.3	21.5



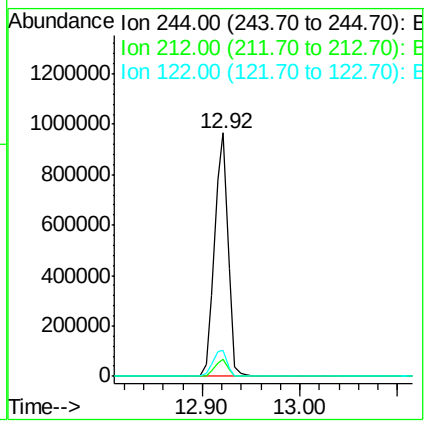


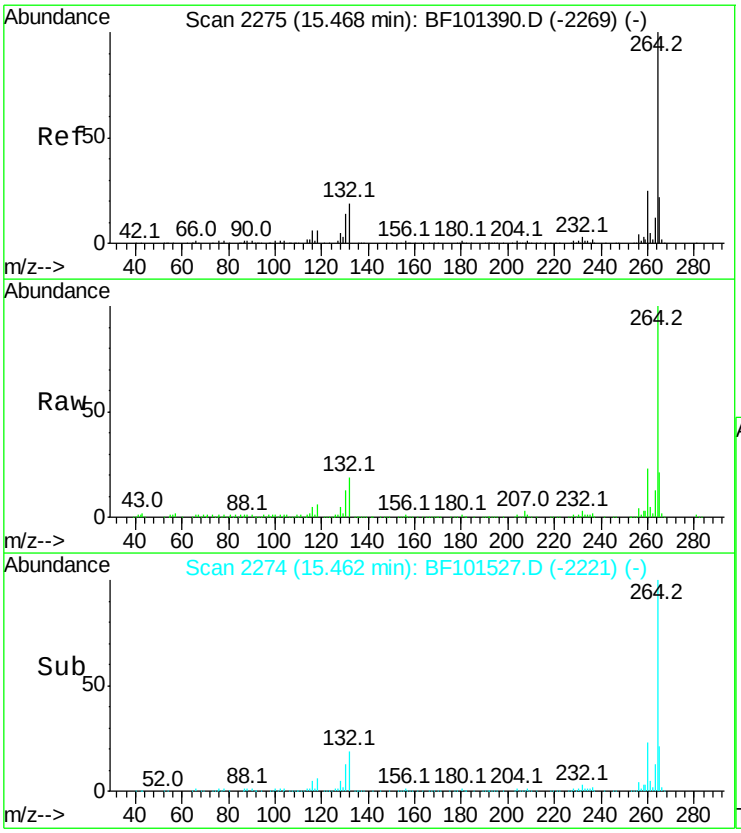
#78
Terphenyl-d14
Concen: 87.676 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211

Tgt Ion:244 Resp: 920505

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101527.D
Acq: 19 Dec 2017 17:27

Tgt Ion:264 Resp: 301509

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3