Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110257.D
Acq On : 29 Oct 2018 12:52
Operator : JU/SJ
Sample : J5703-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-02-BASE

Quant Time: Oct 29 13:19:57 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 12:32:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	95339	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	364897	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	157918	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	246941	20.00	ng	0.00
76) Chrysene-d12	14.16	240	199760	20.00	ng	0.00
87) Perylene-d12	15.69	264	176457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	561693	95.94	ng	0.00
7) Phenol-d6	6.59	99	709438	94.74	ng	0.00
23) Nitrobenzene-d5	7.53	82	431856	70.20	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	123980	79.26	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	684352	68.05	ng	0.00
79) Terphenyl-d14	13.09	244	522884	54.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.60	94	41772	5.218	ng	# 75
38) 1-Methylnaphthalene	9.07	142	225298	20.952	ng	# 98
50) Dimethylphthalate	9.72	163	104763	8.987	ng	# 86
52) Acenaphthene	10.06	154	64344	6.429	ng	# 77
58) Fluorene	10.57	166	118949	11.405	ng	# 86
71) Phenanthrene	11.54	178	280278	21.691	ng	# 93
78) Pyrene	12.96	202	74135	5.177	ng	# 91

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 12:32:31 2018
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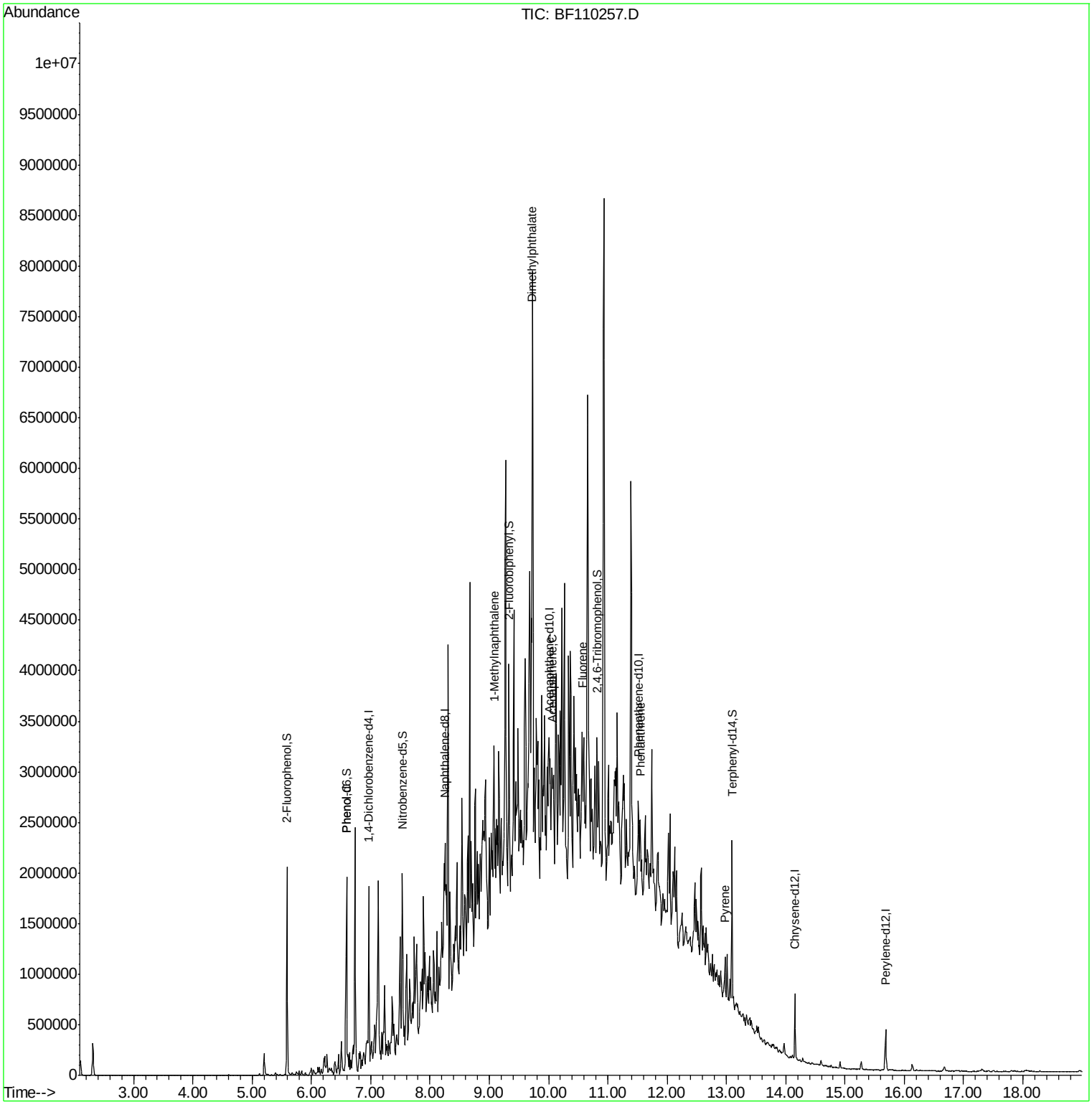
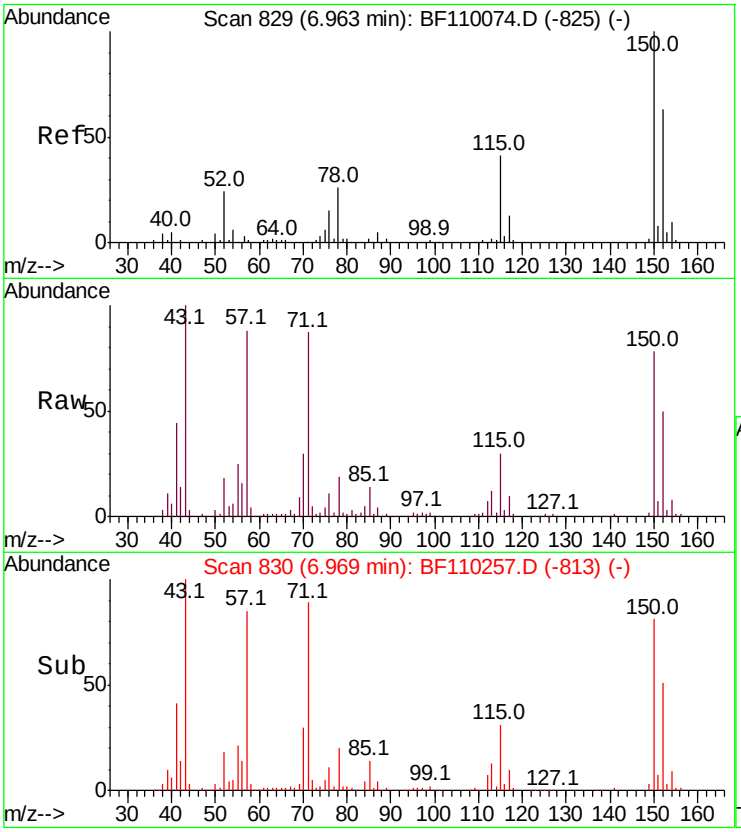


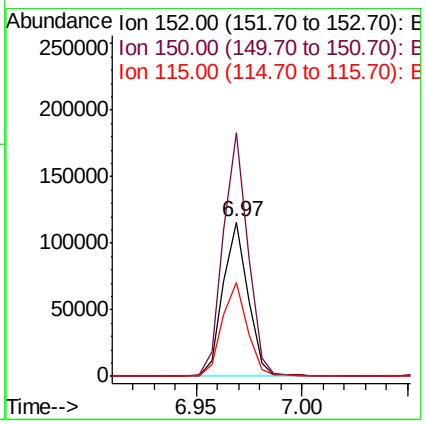


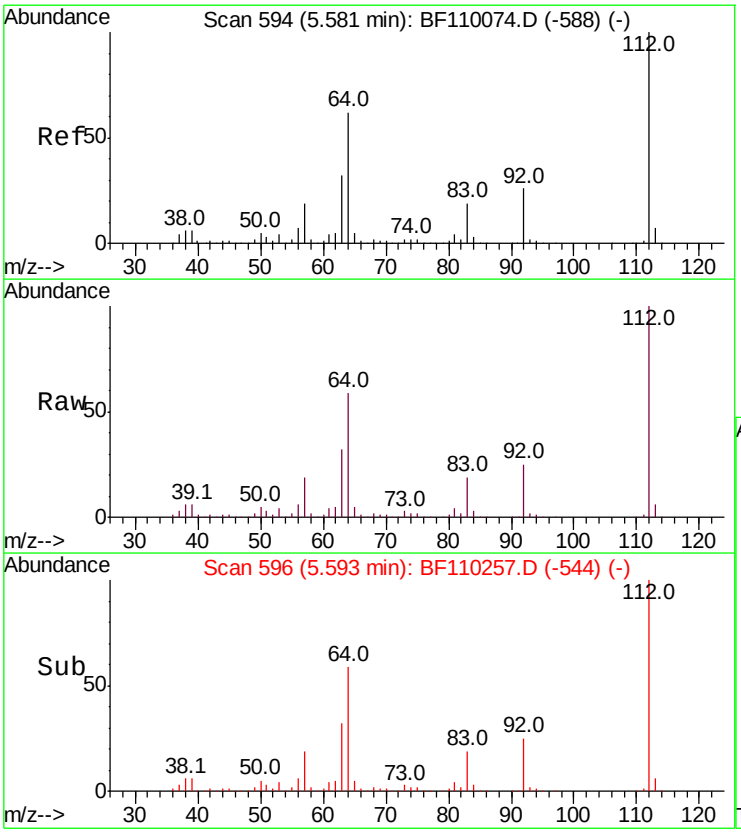
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:152 Resp: 95339

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	61.1	49.1	73.7

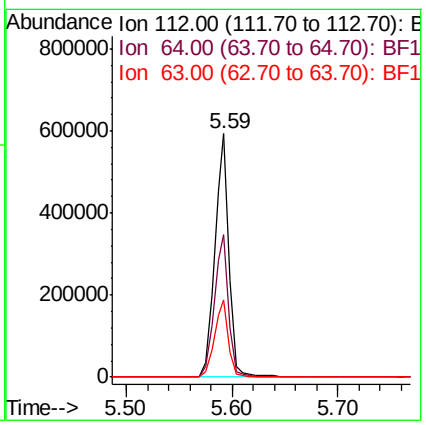


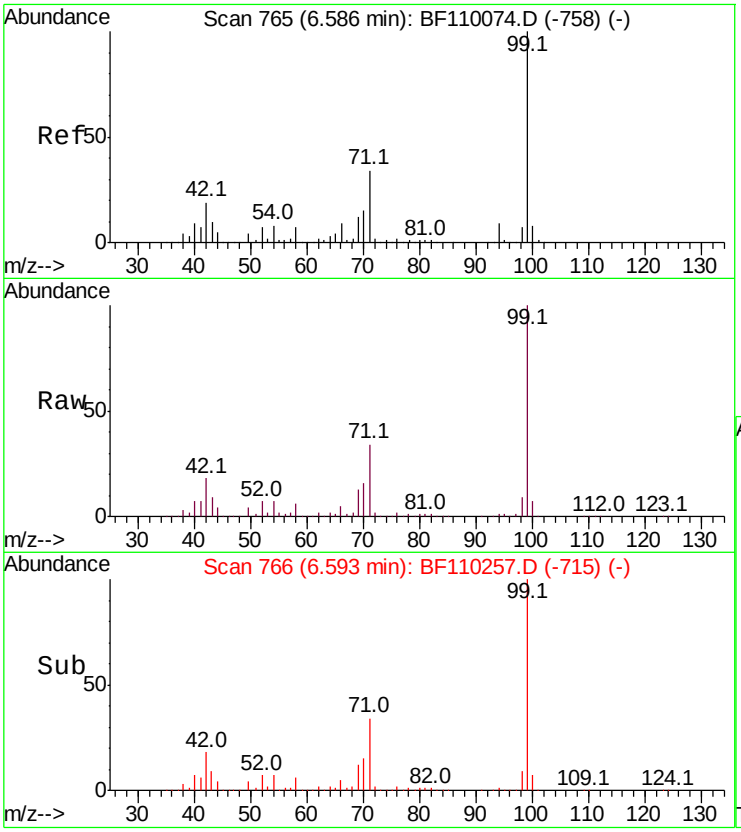


#5
2-Fluorophenol
Concen: 95.941 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion:112 Resp: 561693

Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	31.6	23.7	35.5



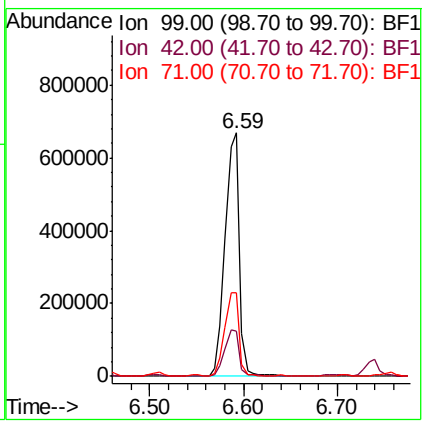


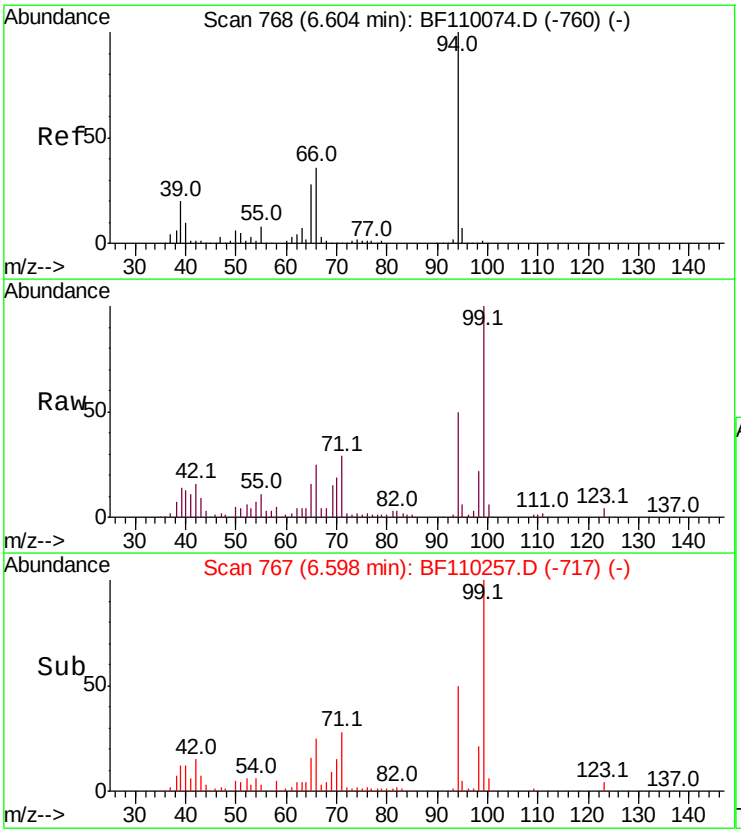
#7
Phenol-d6
Concen: 94.738 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion: 99 Resp: 709438

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	34.3	28.0	42.0

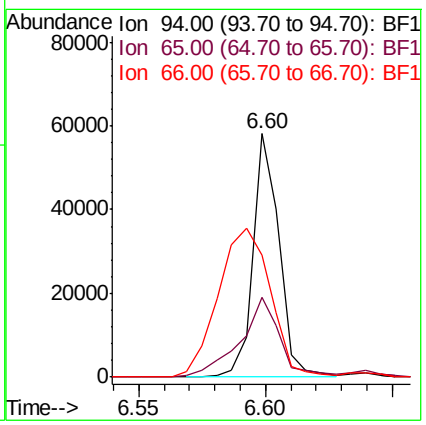


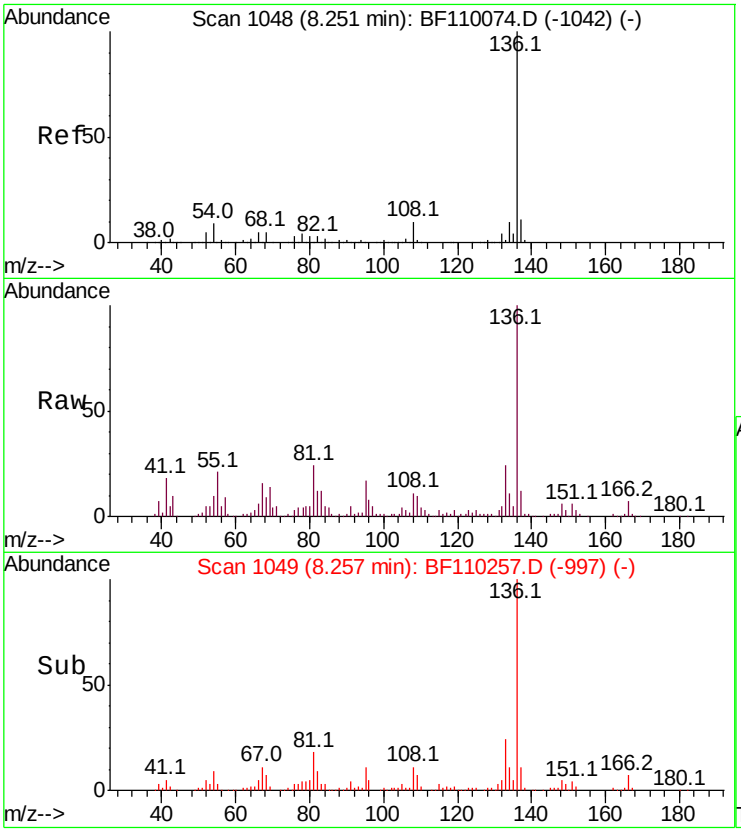


#10
Phenol
Concen: 5.218 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion: 94 Resp: 41772

Ion	Ratio	Lower	Upper
94	100		
65	32.8	25.3	65.3
66	50.1	54.5	94.5#



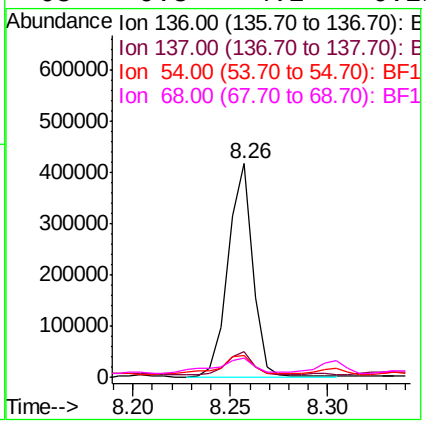


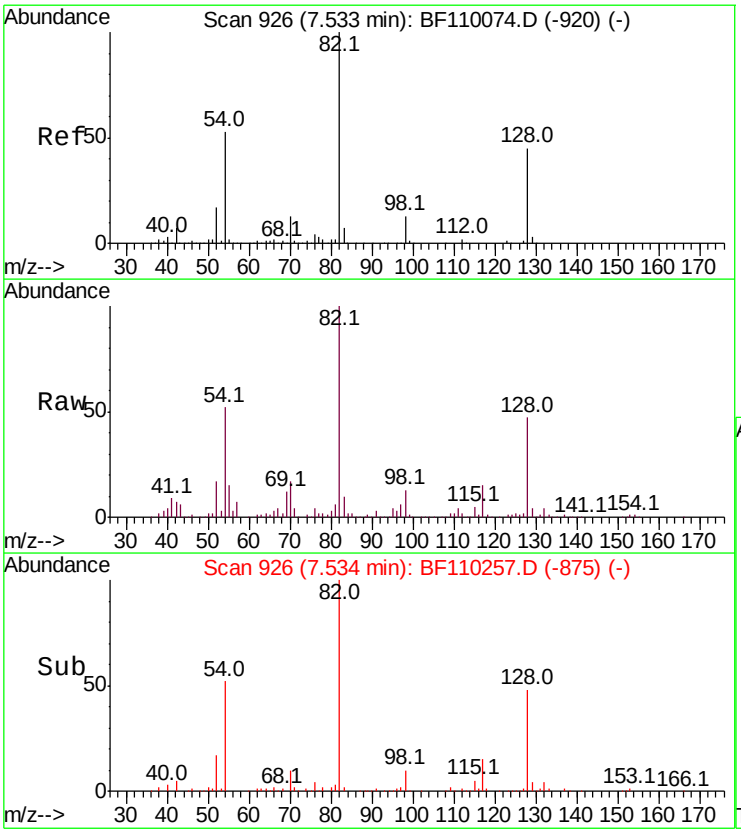
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:136 Resp: 364897

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	10.0	5.4	8.2#
68	9.3	4.2	6.2#

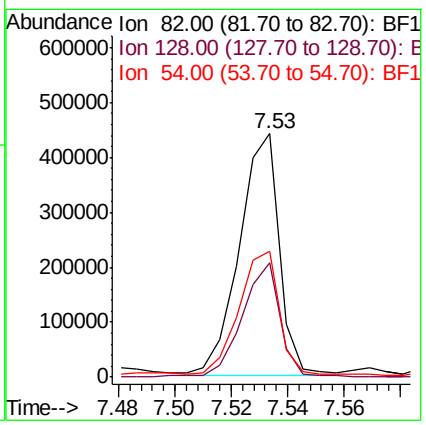


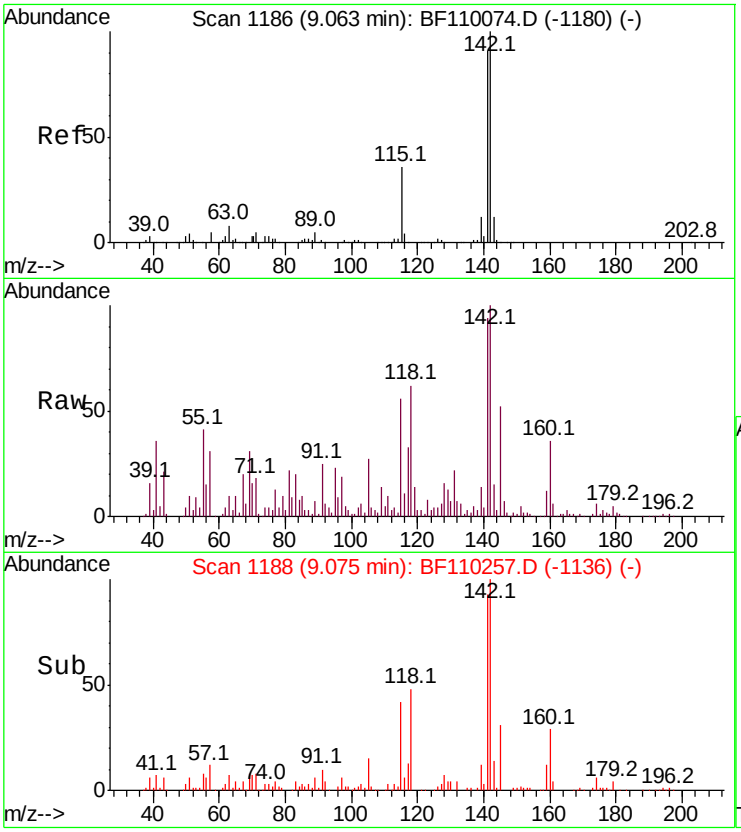


#23
Nitrobenzene-d5
Concen: 70.197 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion: 82 Resp: 431856

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	51.9	38.6	58.0



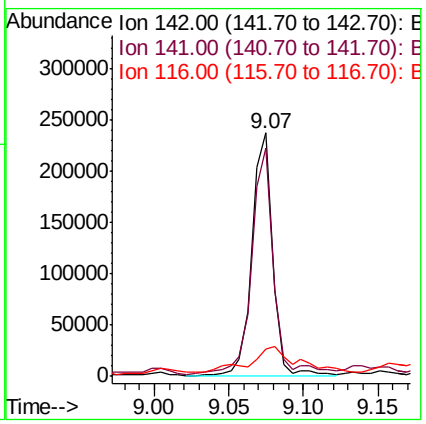


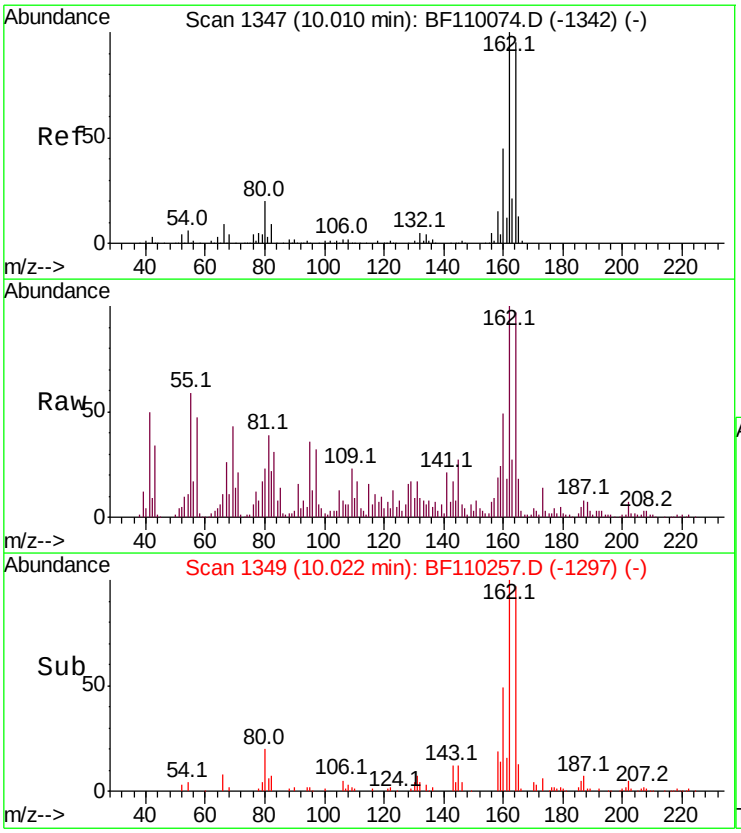
#38
1-Methylnaphthalene
Concen: 20.952 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:142 Resp: 225298

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.2	111.4
116	11.0	2.6	4.0#

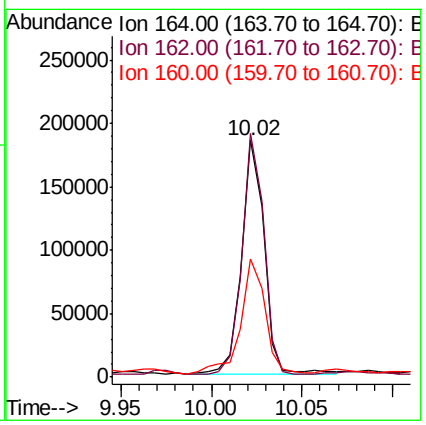


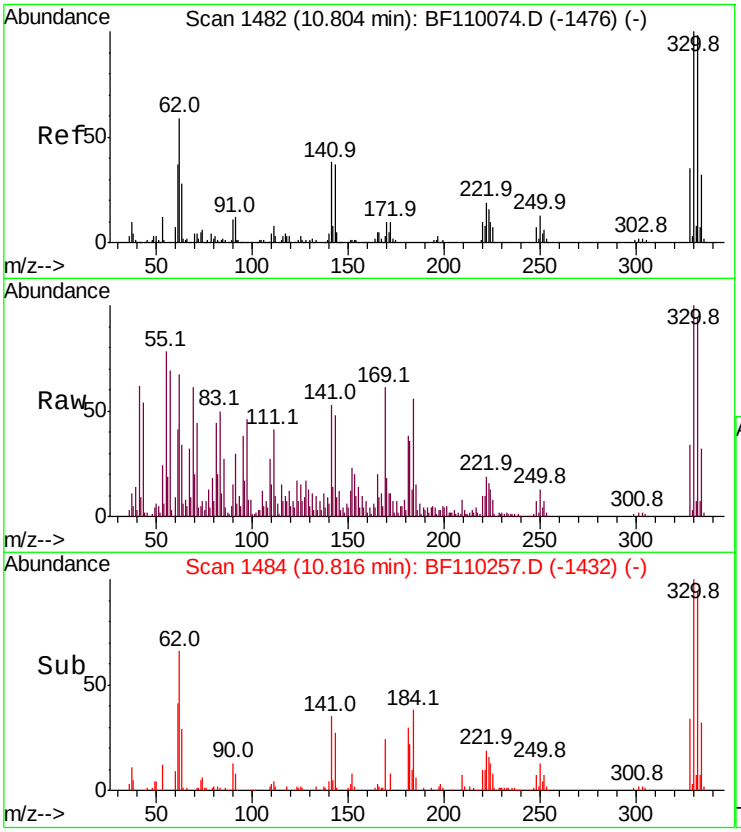


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion:164 Resp: 157918

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	50.1	37.0	55.6



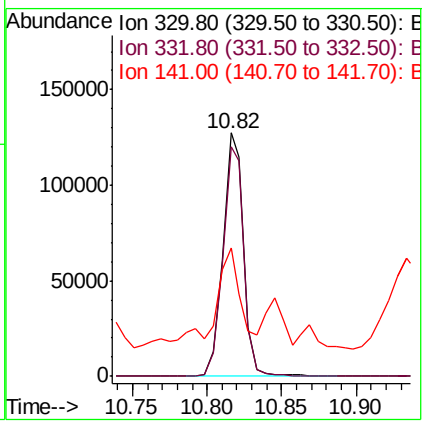


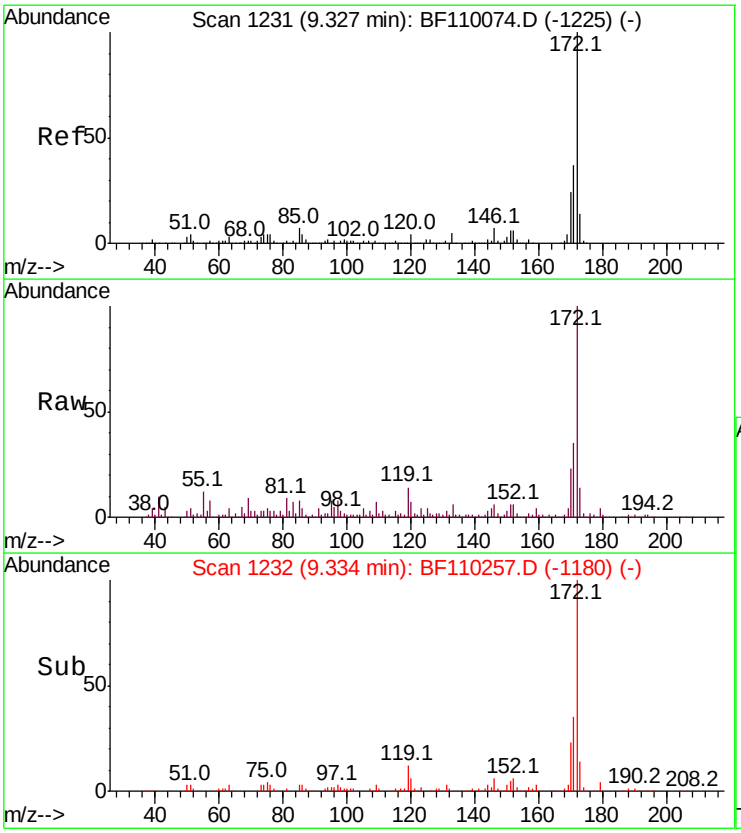
#42
2,4,6-Tribromophenol
Concen: 79.257 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:330 Resp: 123980

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	48.0	27.0	40.4#

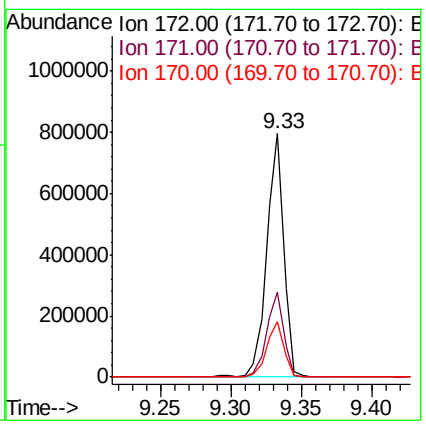


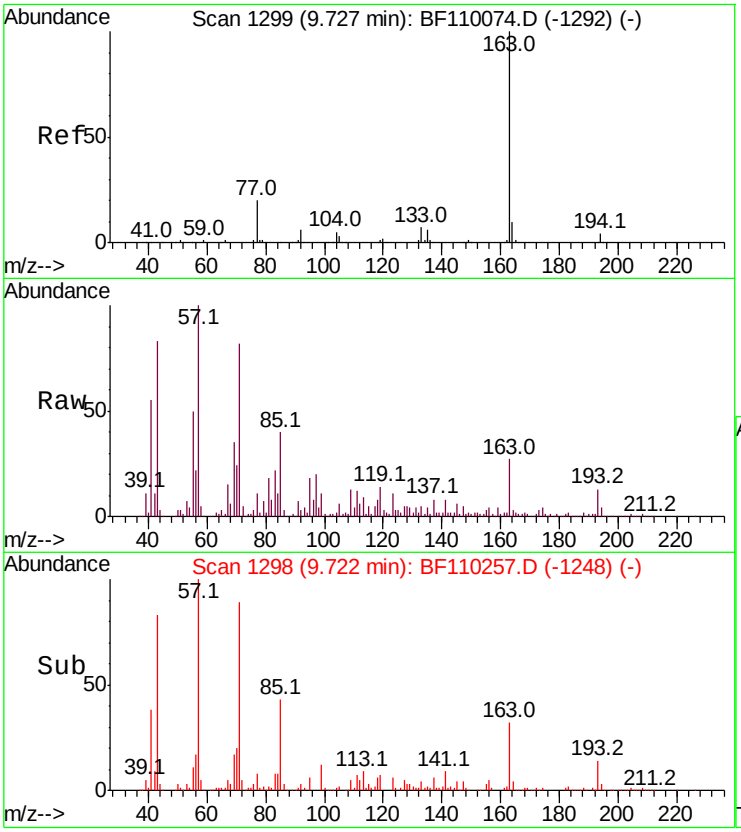


#45
2-Fluorobiphenyl
Concen: 68.049 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion:172 Resp: 684352

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.0	19.7	29.5



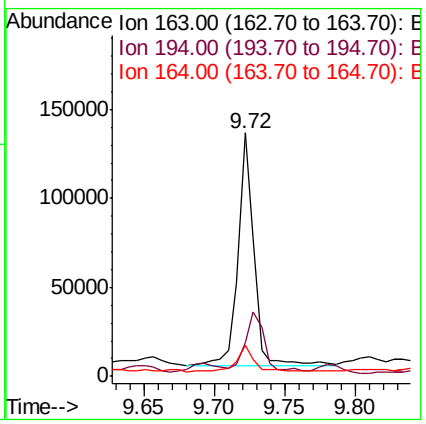


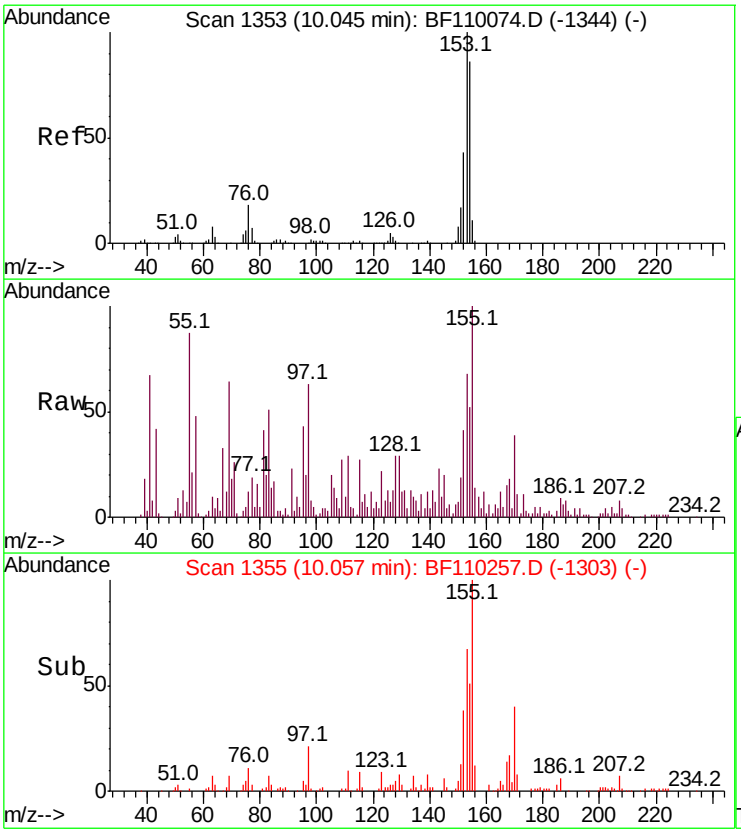
#50
Dimethylphthalate
Concen: 8.987 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:163 Resp: 104763

Ion	Ratio	Lower	Upper
163	100		
194	14.0	3.2	4.8#
164	12.7	8.1	12.1#

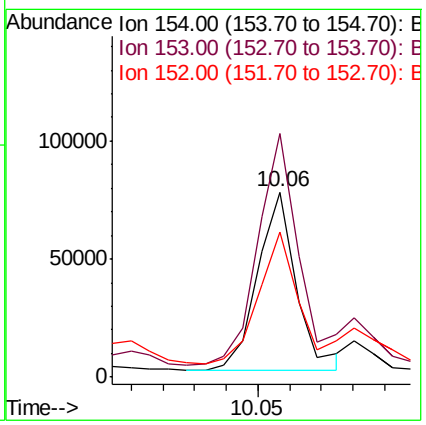


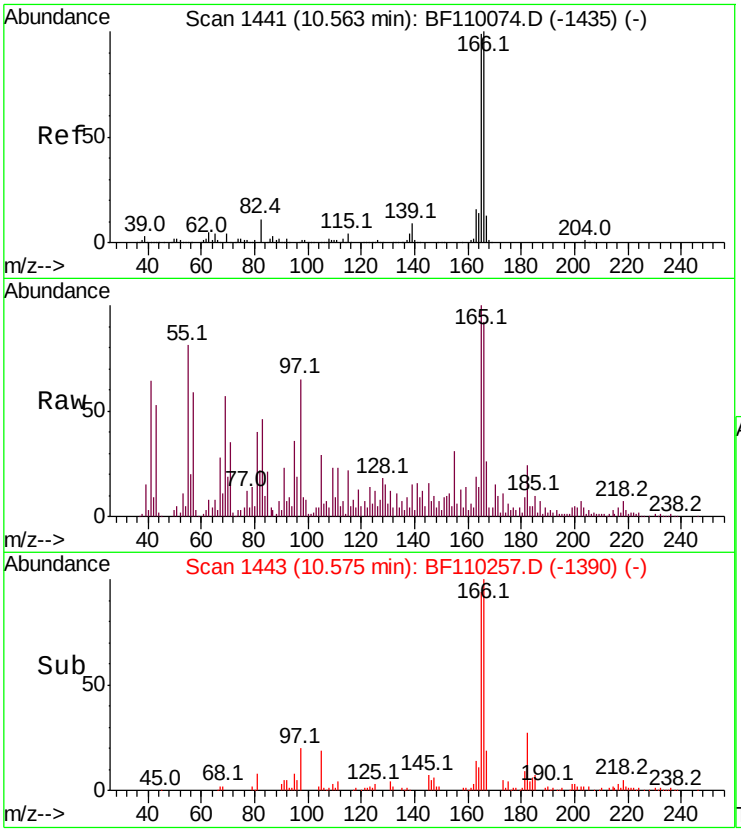


#52
Acenaphthene
Concen: 6.429 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion:154 Resp: 64344

Ion	Ratio	Lower	Upper
154	100		
153	131.6	90.1	135.1
152	78.4	43.4	65.2#



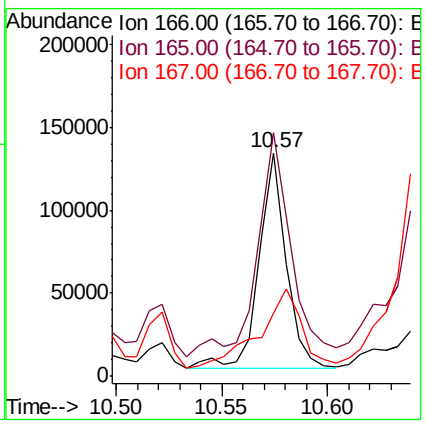


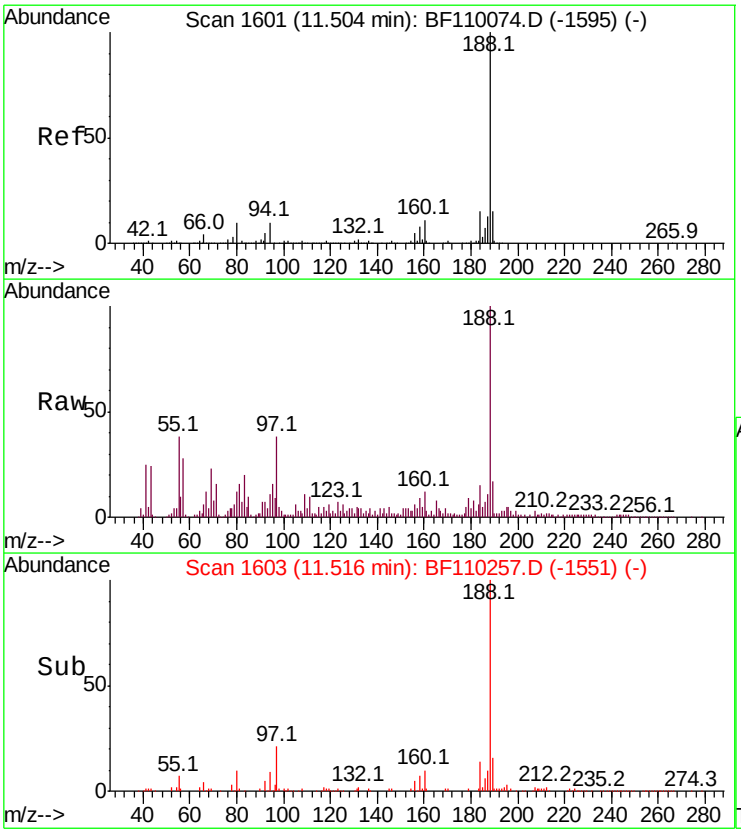
#58
Fluorene
Concen: 11.405 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:166 Resp: 118949

Ion	Ratio	Lower	Upper
166	100		
165	108.9	78.6	117.8
167	28.1	10.8	16.2#

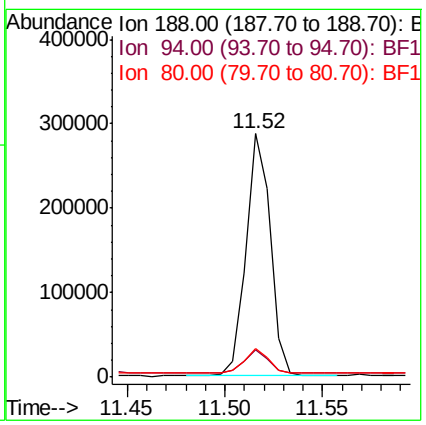


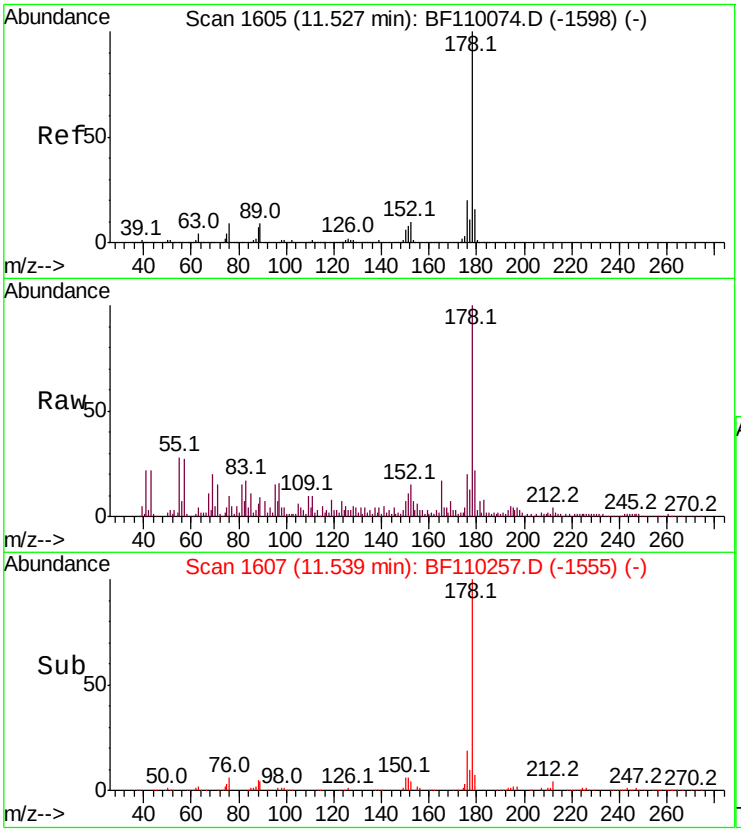


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion:188 Resp: 246941

Ion	Ratio	Lower	Upper
188	100		
94	11.1	7.2	10.8#
80	11.7	7.9	11.9



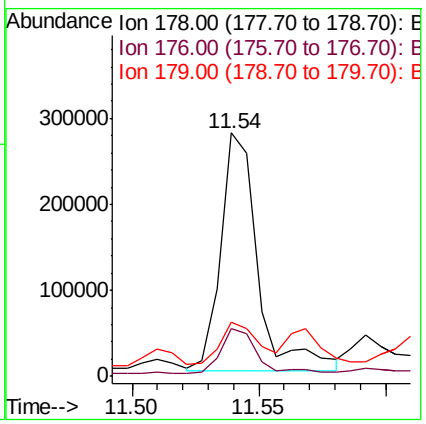


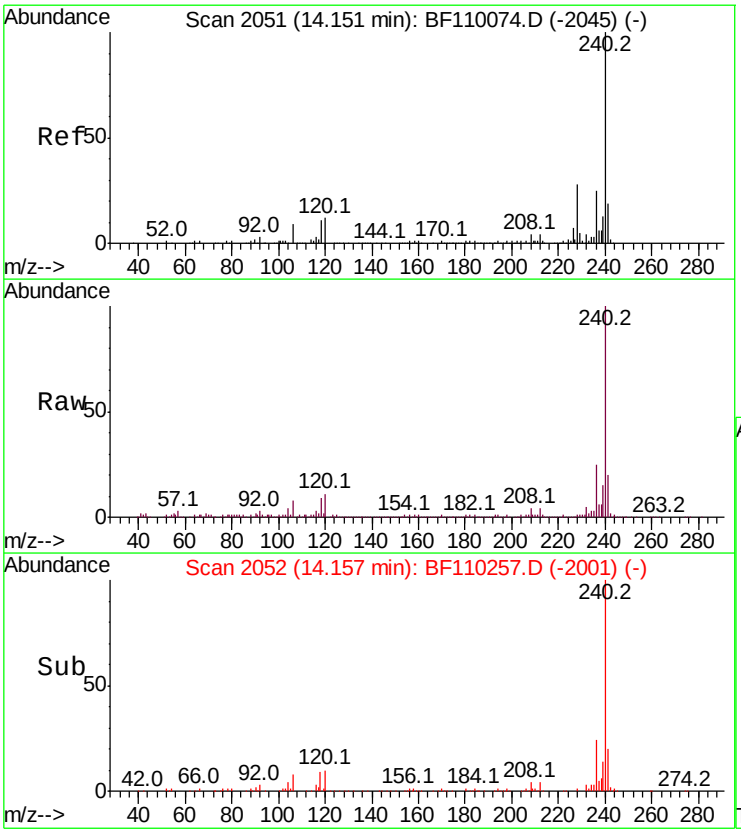
#71
Phenanthrene
Concen: 21.691 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:178 Resp: 280278

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	22.1	12.5	18.7#

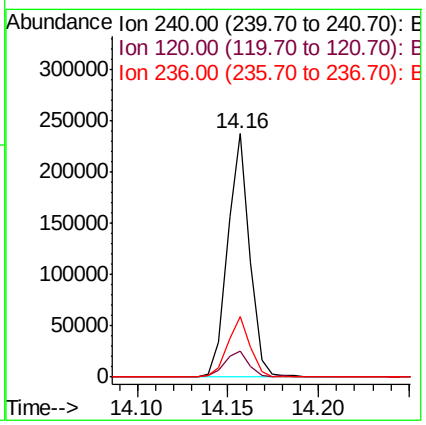


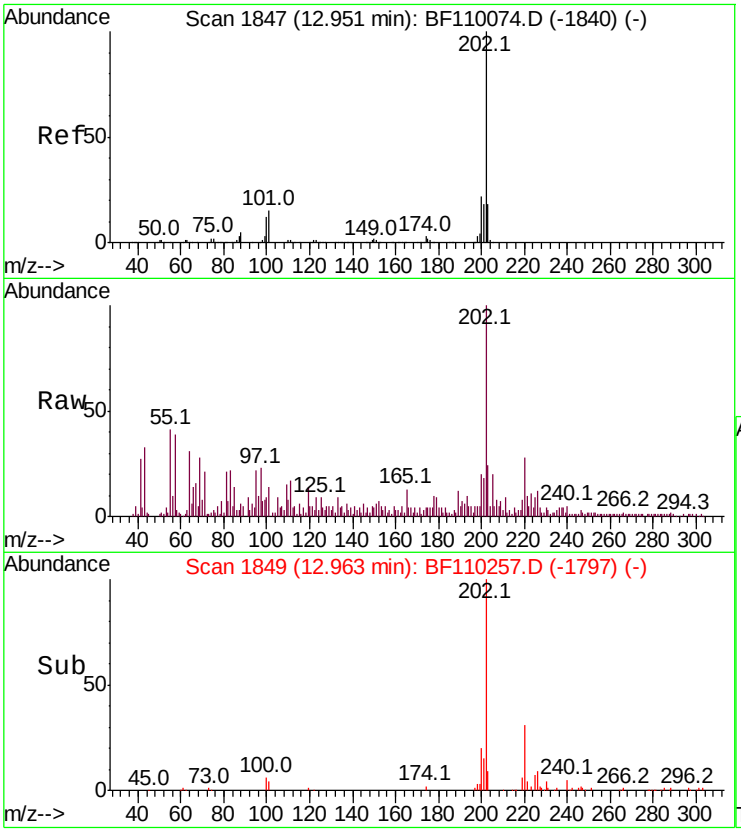


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion:240 Resp: 199760

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	24.8	21.2	31.8



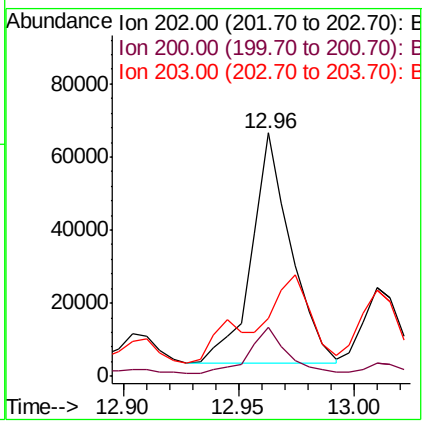


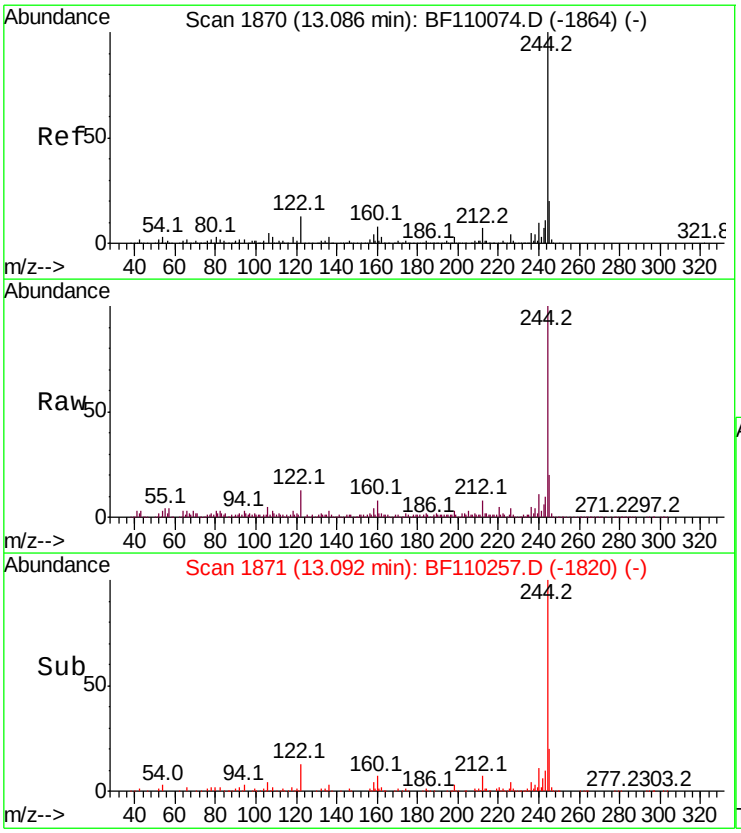
#78
Pyrene
Concen: 5.177 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:202 Resp: 74135

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.8	26.6
203	23.9	14.2	21.4#

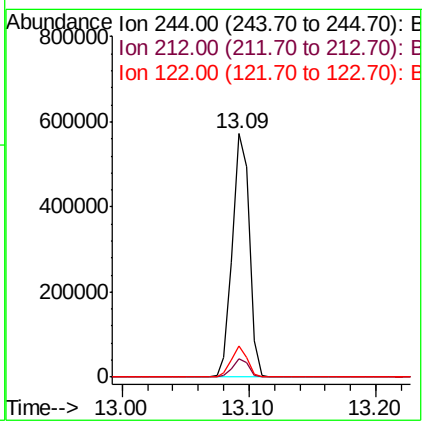


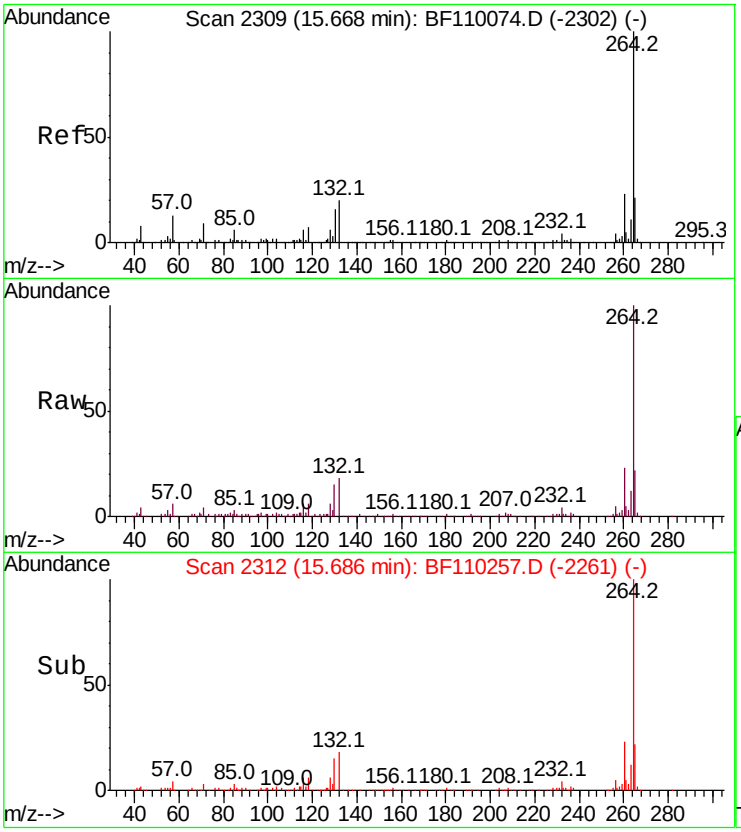


#79
Terphenyl-d14
Concen: 54.438 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Tgt Ion:244 Resp: 522884

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	13.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110257.D
Acq: 29 Oct 2018 12:52

Instrument :
BNA_F
ClientSampleId :
TRENCH-02-BASE

Tgt Ion:264 Resp: 176457

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.0	16.7	25.1