Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110259.D
Acq On : 29 Oct 2018 13:45
Operator : JU/SJ
Sample : J5703-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASEDL

Quant Time: Oct 29 14:28:26 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	98045	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	388030	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	162327	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	248934	20.00	ng		0.00
76) Chrysene-d12	14.16	240	209406	20.00	ng		0.00
87) Perylene-d12	15.69	264	185962	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	120305	19.98	ng		0.00
7) Phenol-d6	6.58	99	159258	20.68	ng		-0.01
23) Nitrobenzene-d5	7.53	82	95883	14.66	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	22562	14.03	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	167376	16.19	ng		0.00
79) Terphenyl-d14	13.09	244	122138	12.13	ng		0.00
Target Compounds							Qvalue
38) 1-Methylnaphthalene	9.07	142	267095	23.359	ng	#	98
46) 1,1'-Biphenyl	9.43	154	77149	5.256	ng		99
52) Acenaphthene	10.05	154	51767	5.032	ng	#	72
58) Fluorene	10.57	166	101966	9.511	ng	#	92
71) Phenanthrene	11.54	178	320102	24.575	ng		98
78) Pyrene	12.96	202	44867	2.989	ng	#	93

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

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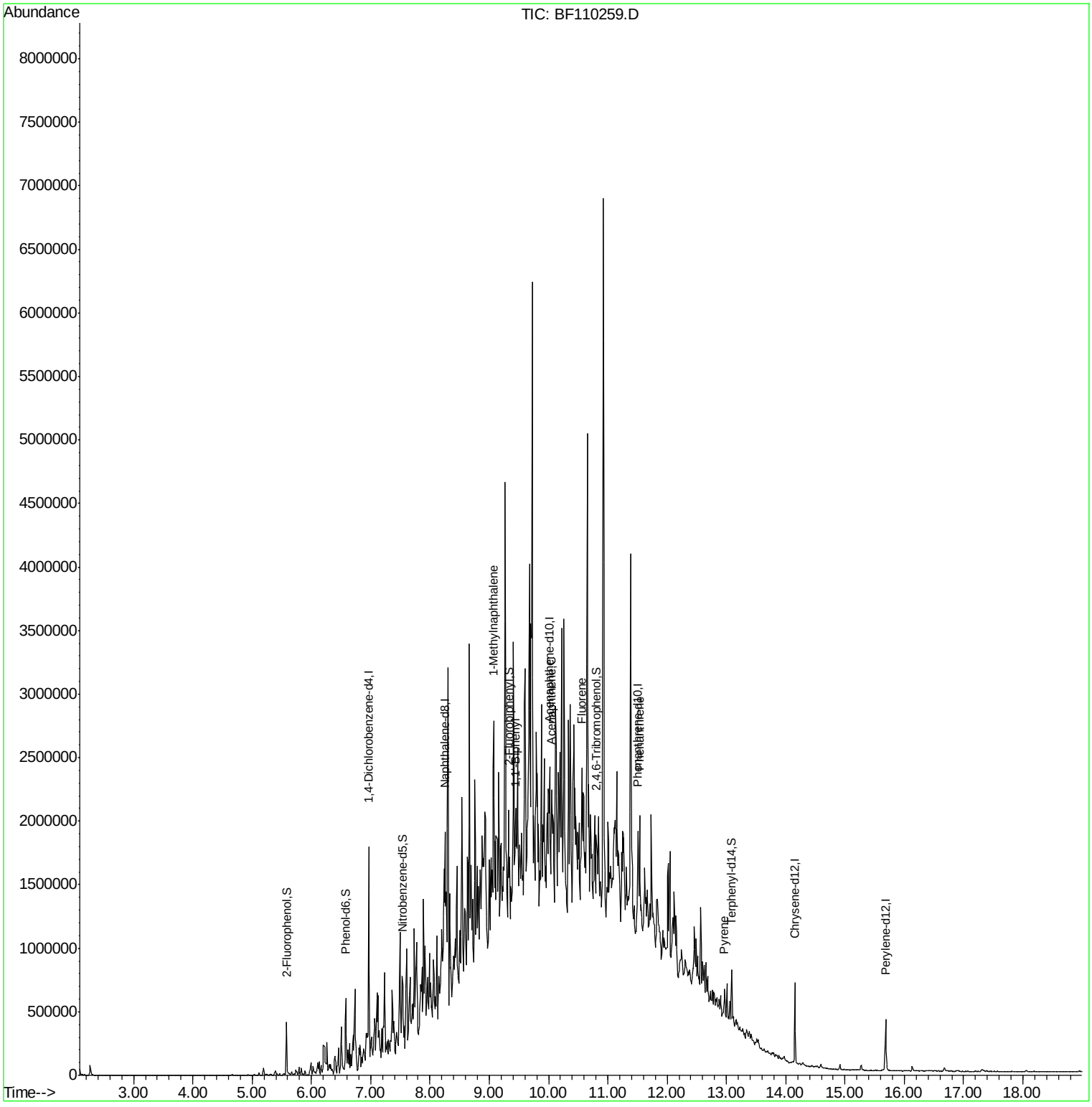
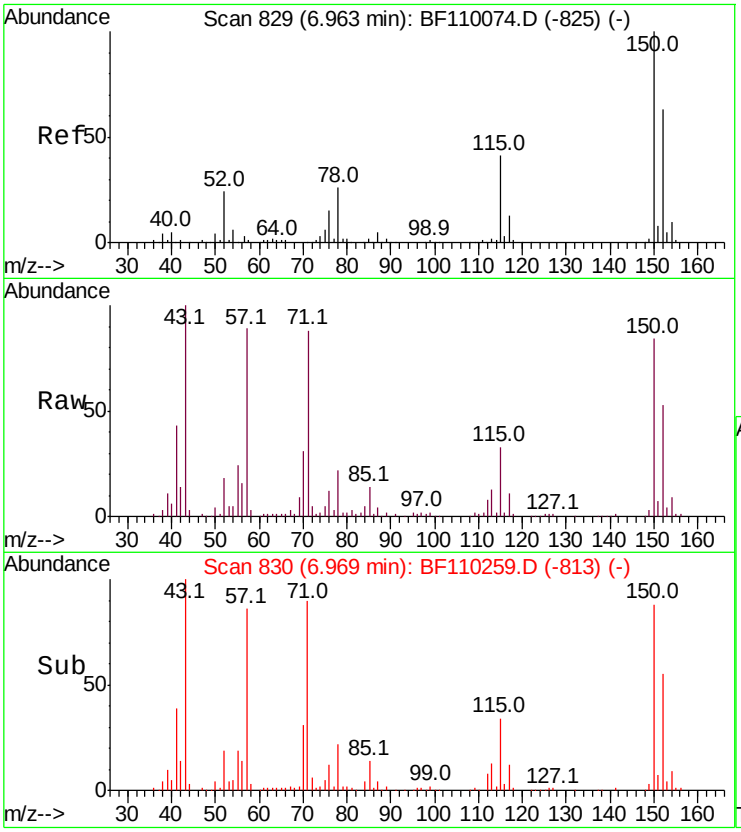


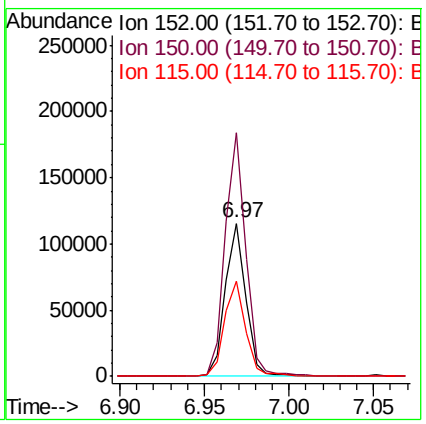


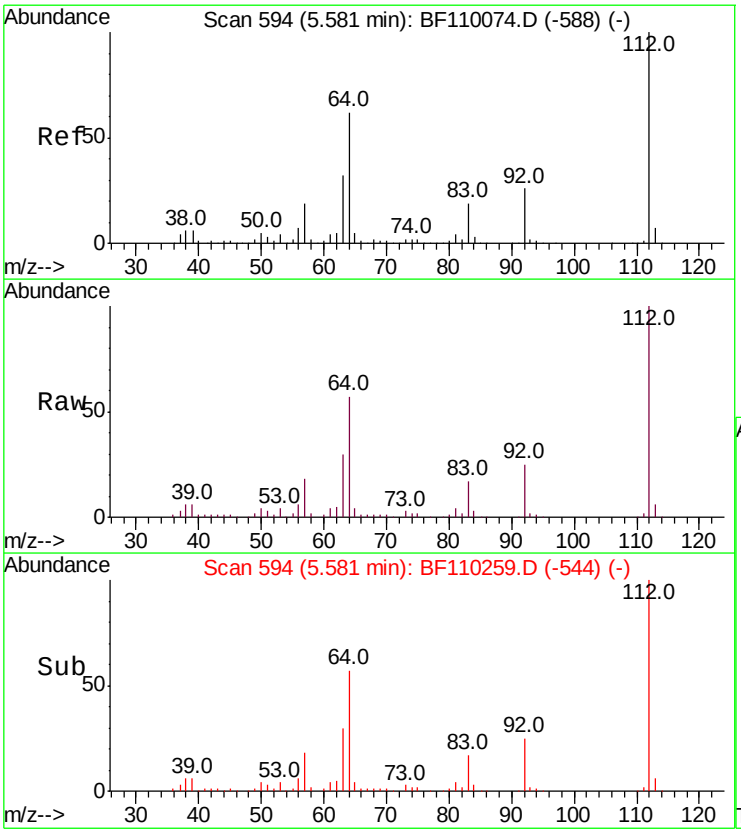
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion:152 Resp: 98045

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	62.2	49.1	73.7

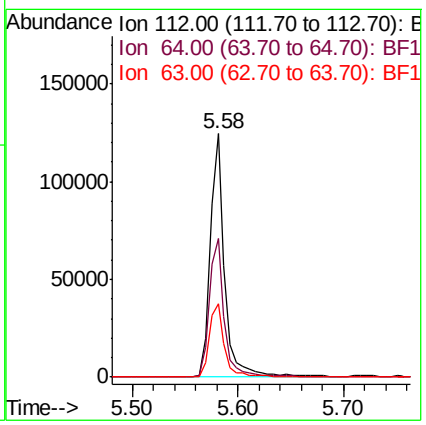


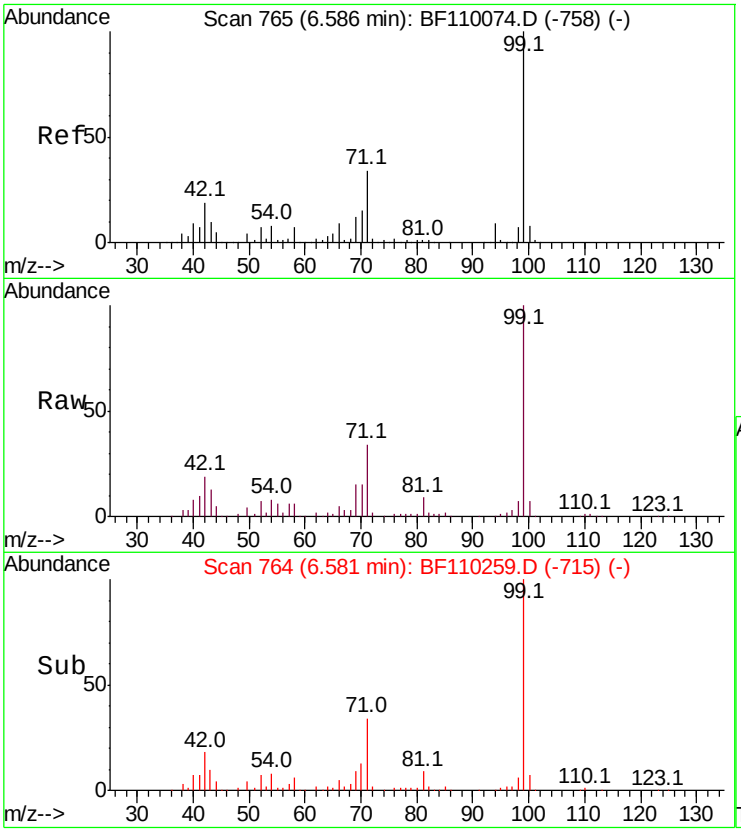


#5
2-Fluorophenol
Concen: 19.982 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:112 Resp: 120305

Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.1	66.1
63	30.0	23.7	35.5



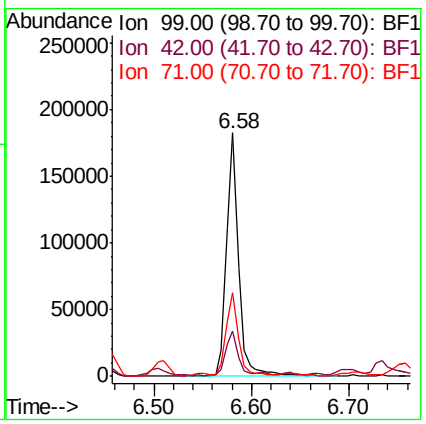


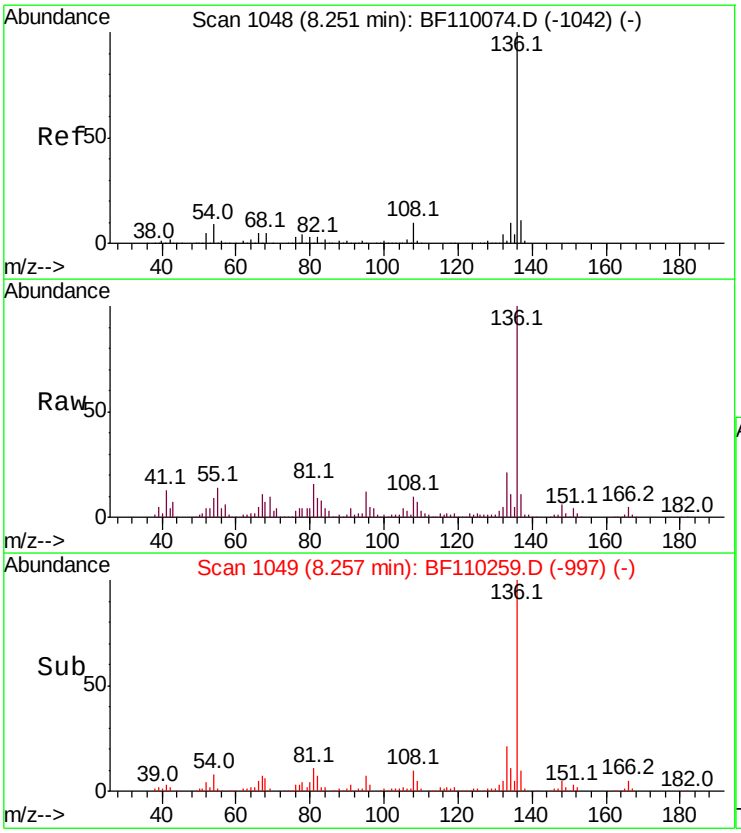
#7
Phenol-d6
Concen: 20.680 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion: 99 Resp: 159258

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	34.2	28.0	42.0

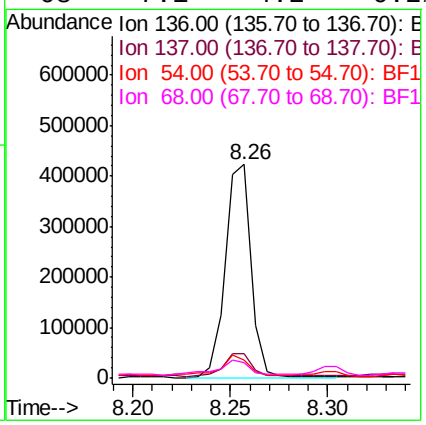


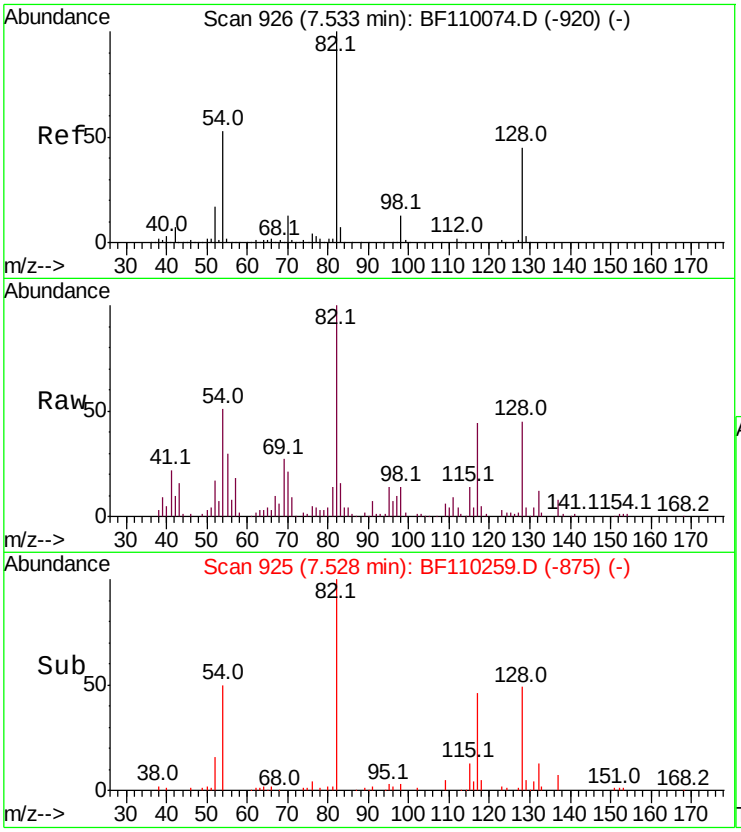


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:136 Resp: 388030

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.6	5.4	8.2#
68	7.1	4.2	6.2#



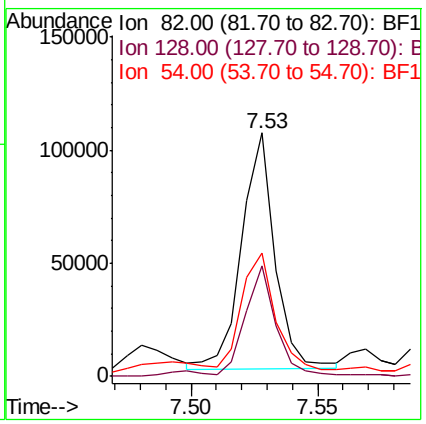


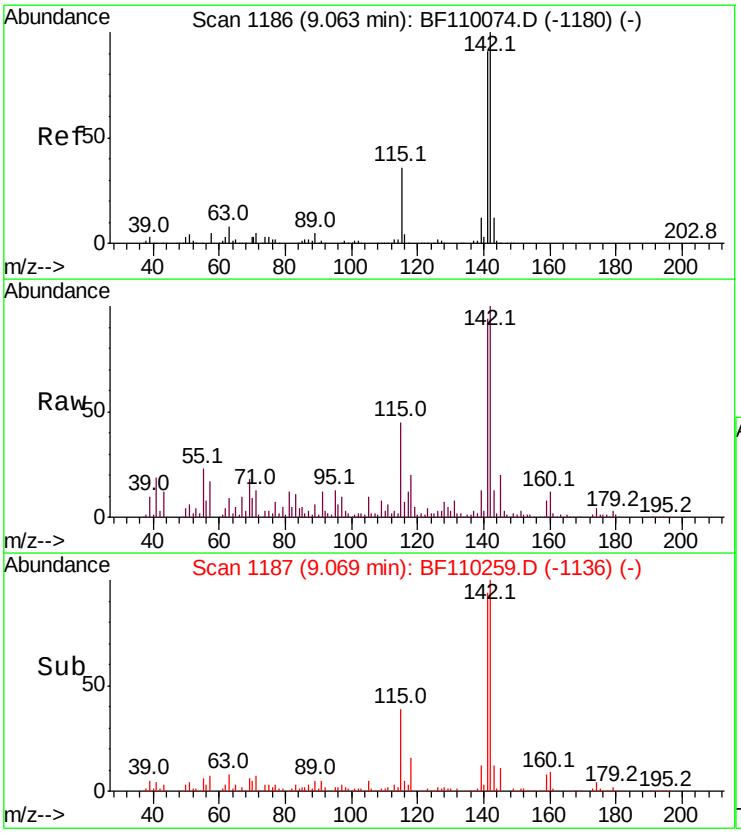
#23
Nitrobenzene-d5
Concen: 14.656 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion: 82 Resp: 95883

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	50.8	38.6	58.0

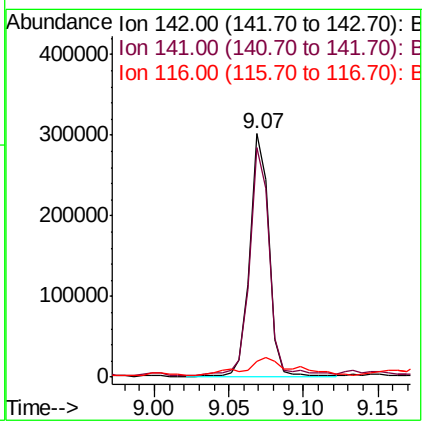


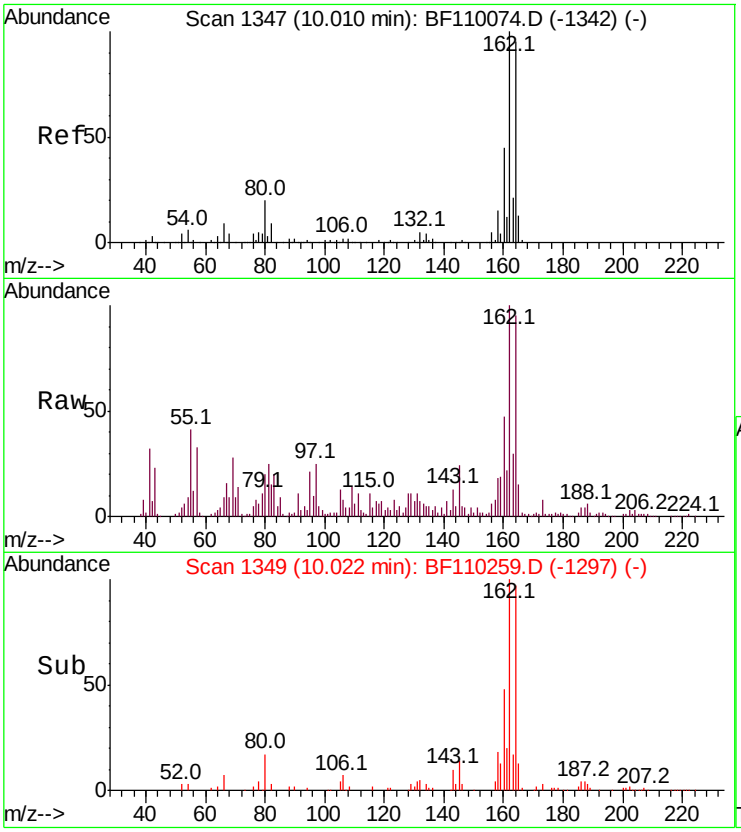


#38
1-Methylnaphthalene
Concen: 23.359 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:142 Resp: 267095

Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	6.7	2.6	4.0#



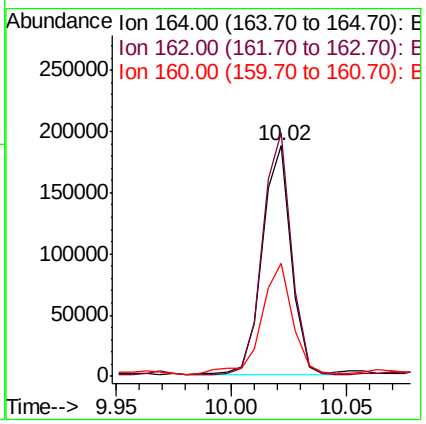


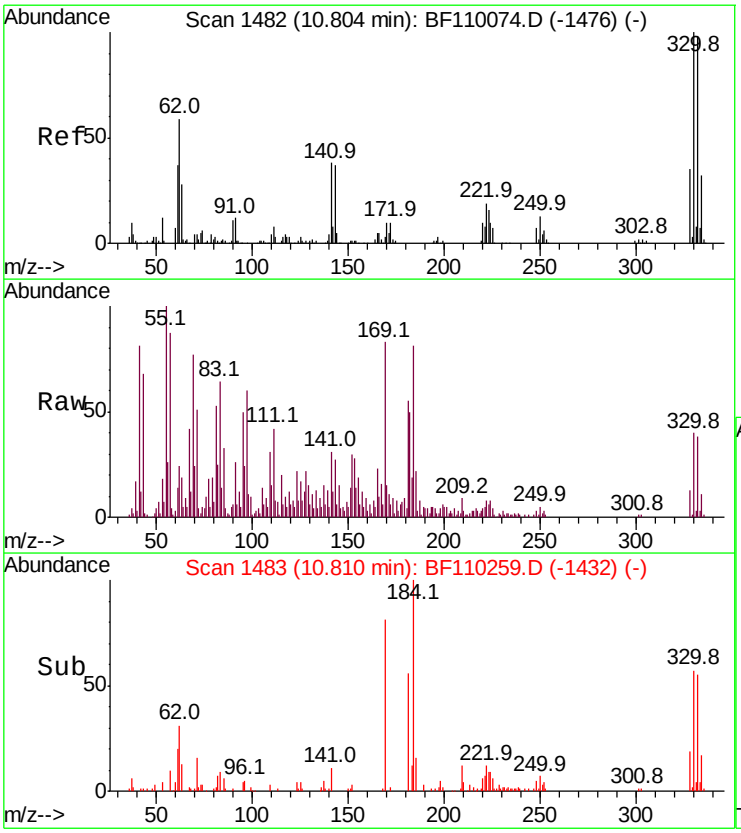
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion:164 Resp: 162327

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.0	124.6
160	49.3	37.0	55.6

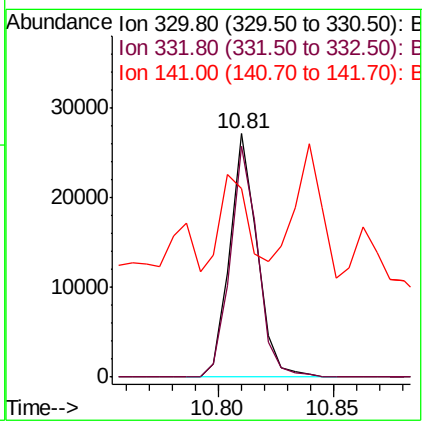


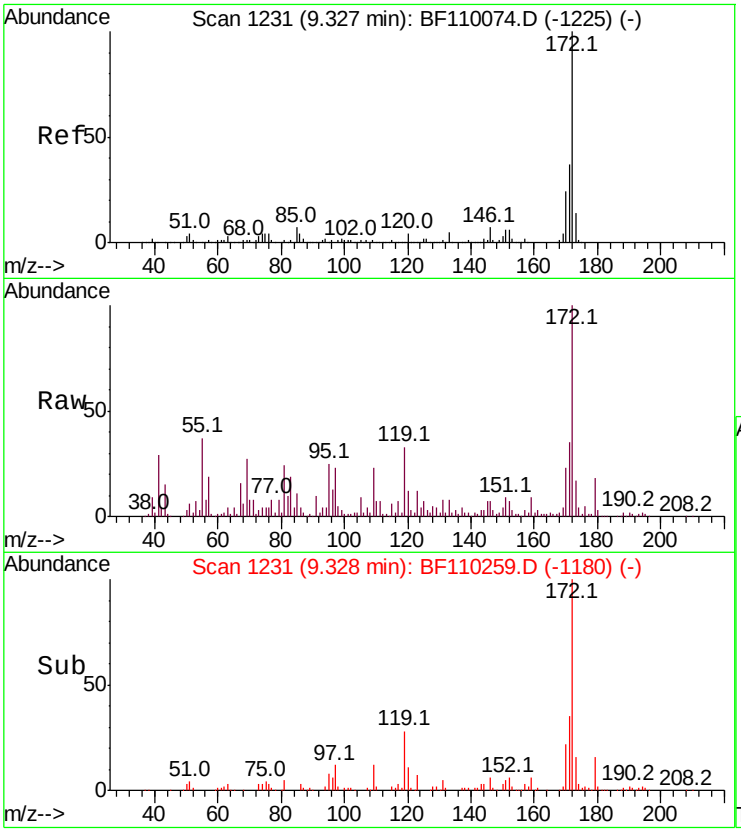


#42
2,4,6-Tribromophenol
Concen: 14.031 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:330 Resp: 22562

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	39.7	27.0	40.4



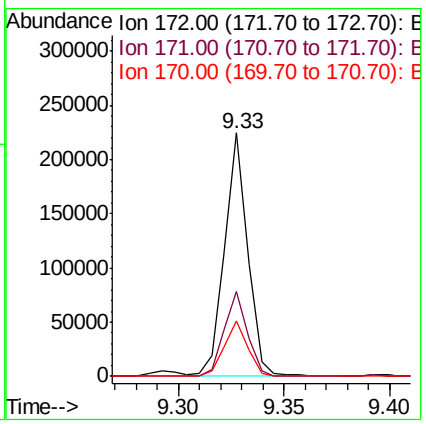


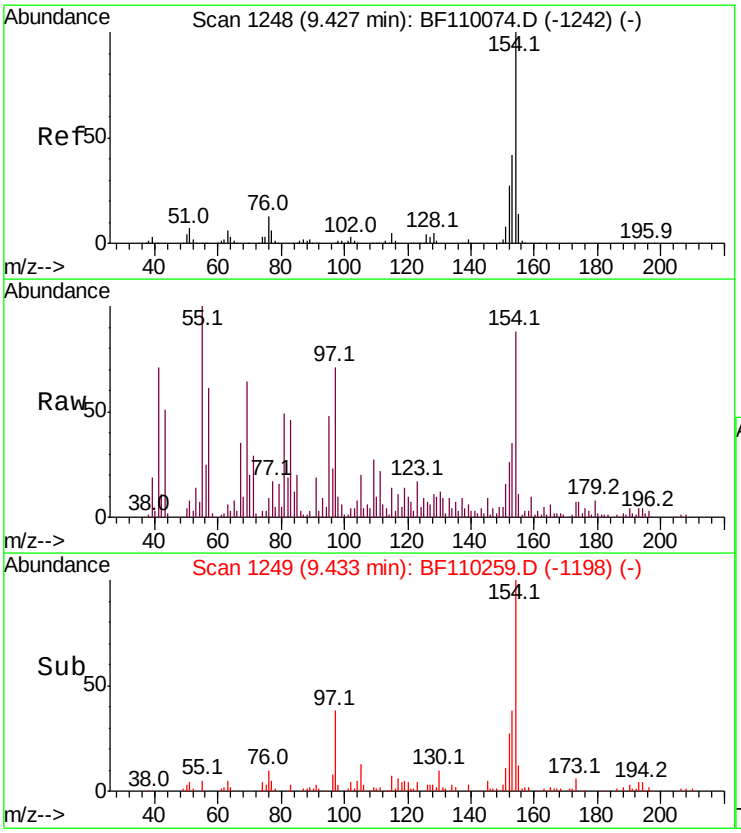
#45
2-Fluorobiphenyl
Concen: 16.191 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion:172 Resp: 167376

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	22.6	19.7	29.5

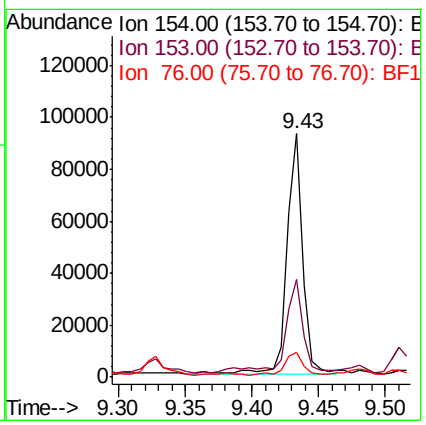


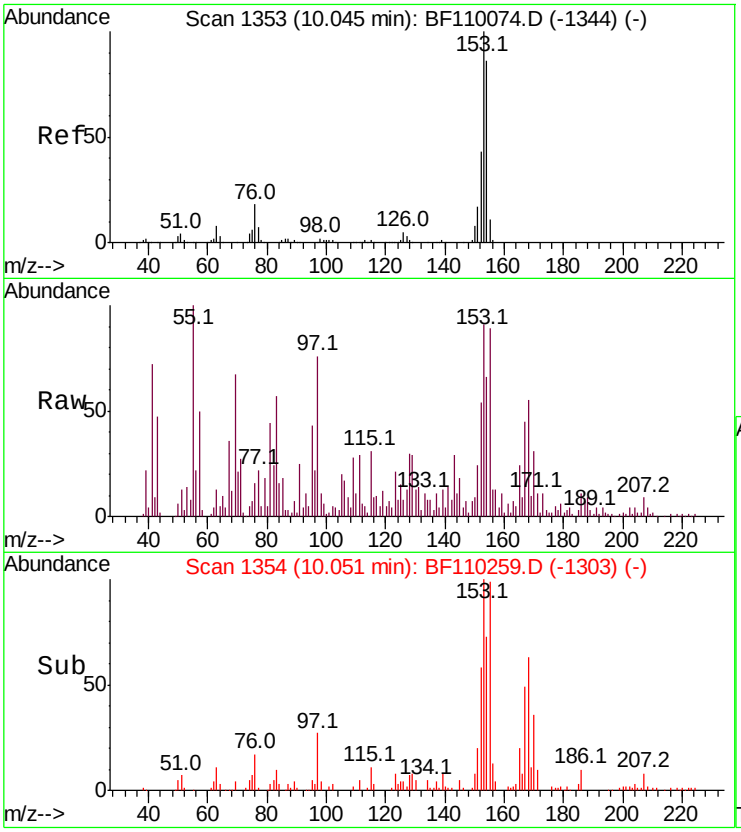


#46
1,1'-Biphenyl
Concen: 5.256 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:154 Resp: 77149

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	10.4	0.0	31.9



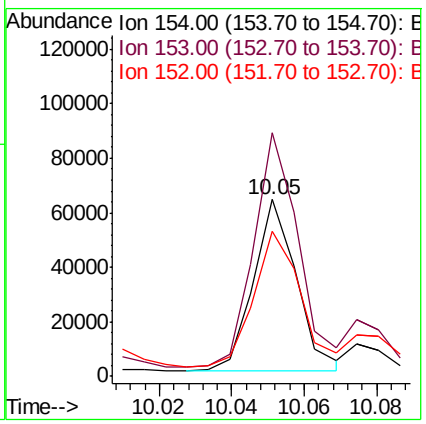


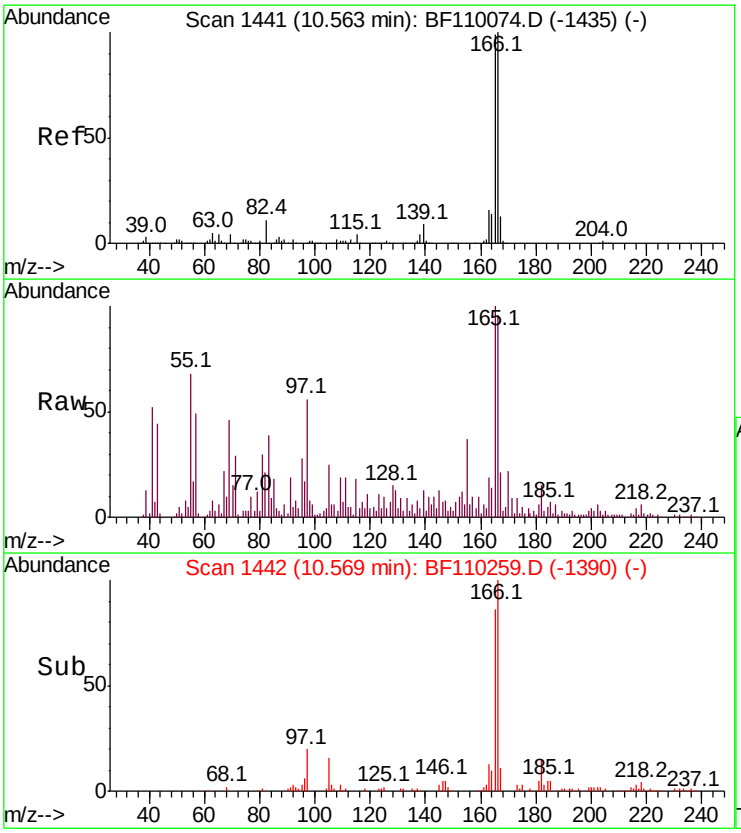
#52
Acenaphthene
Concen: 5.032 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion:154 Resp: 51767

Ion	Ratio	Lower	Upper
154	100		
153	137.8	90.1	135.1#
152	81.9	43.4	65.2#

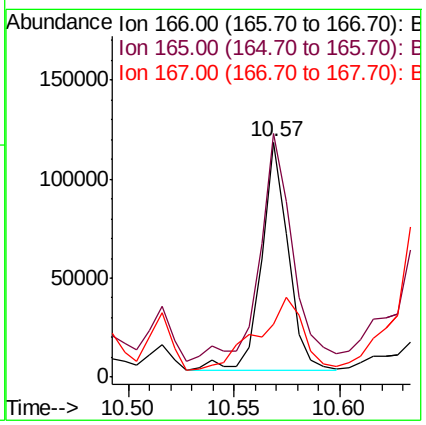


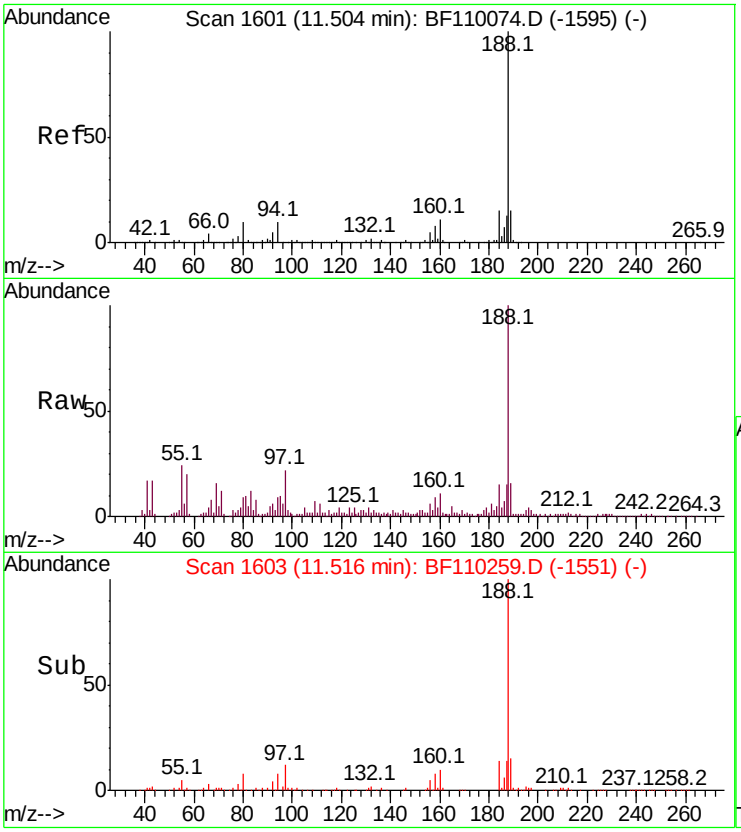


#58
Fluorene
Concen: 9.511 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:166 Resp: 101966

Ion	Ratio	Lower	Upper
166	100		
165	103.7	78.6	117.8
167	22.3	10.8	16.2#



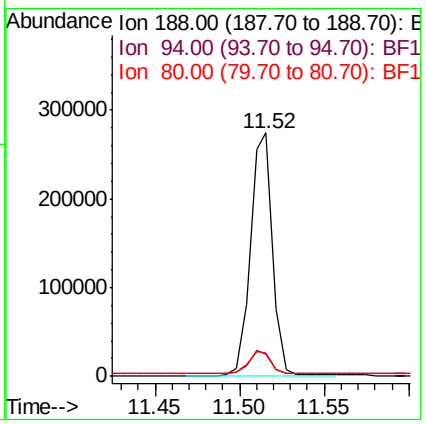


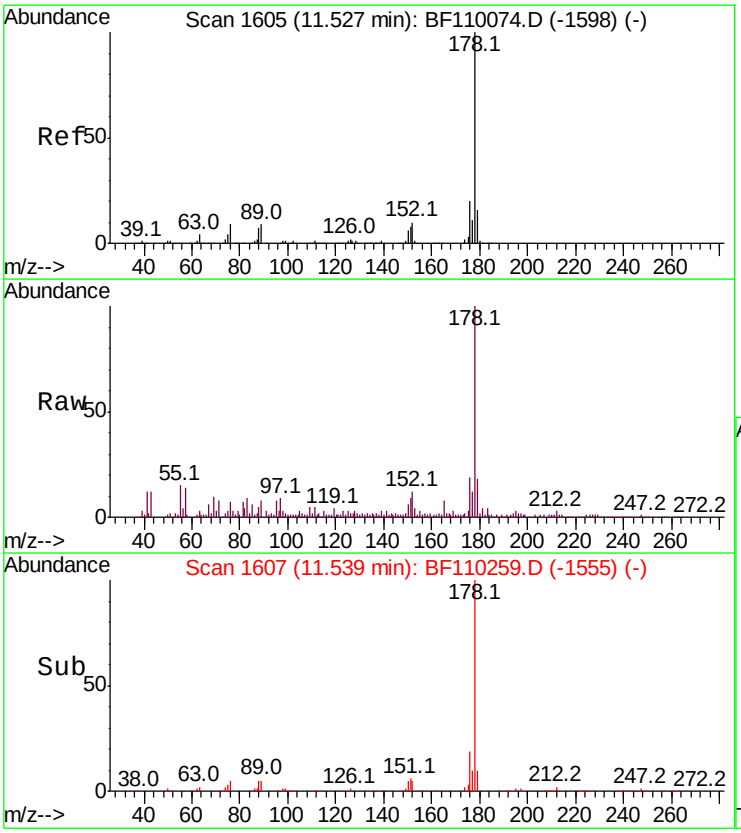
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion:188 Resp: 248934

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.4	7.9	11.9

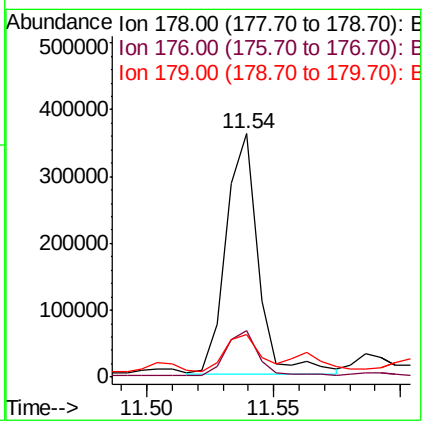


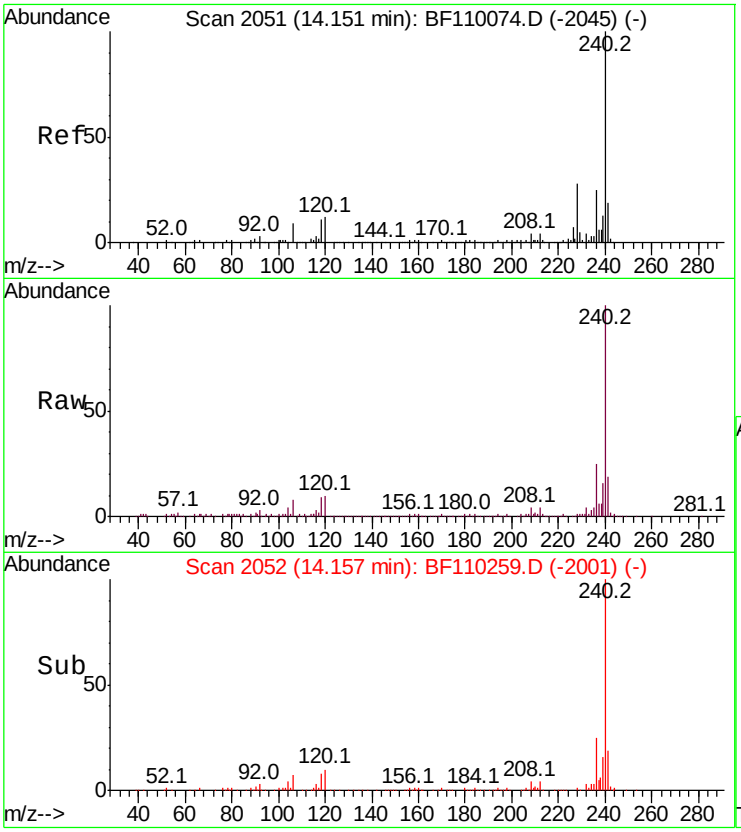


#71
Phenanthrene
Concen: 24.575 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:178 Resp: 320102

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	17.7	12.5	18.7



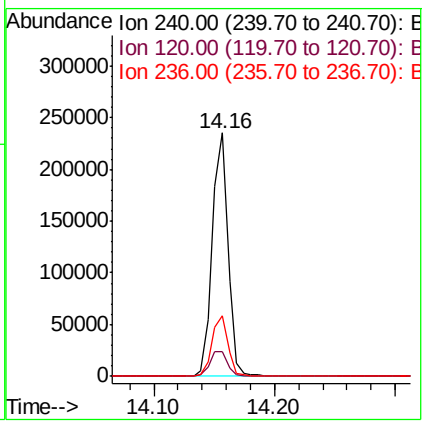


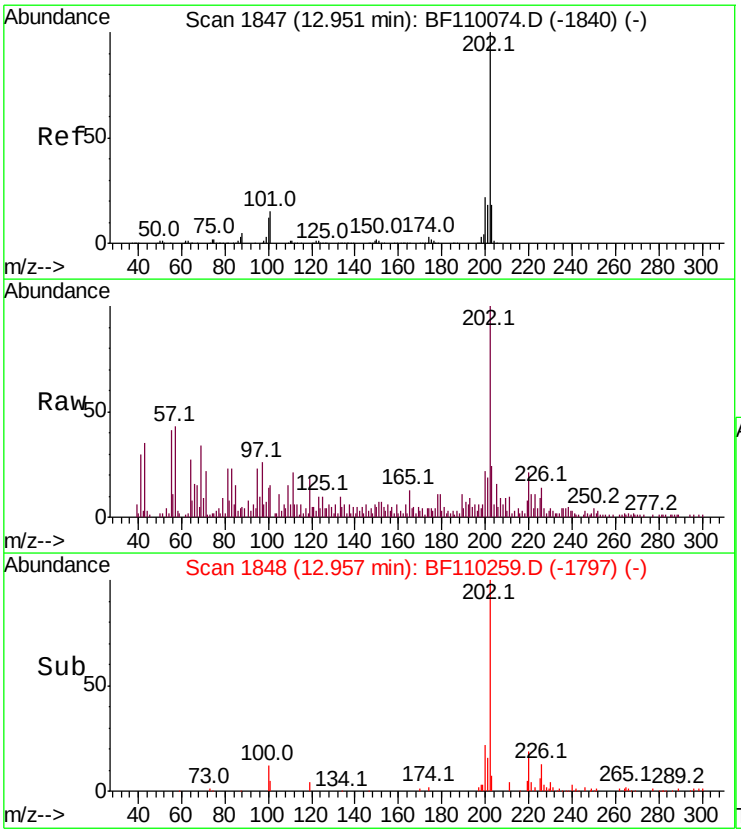
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion:240 Resp: 209406

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.7	21.2	31.8

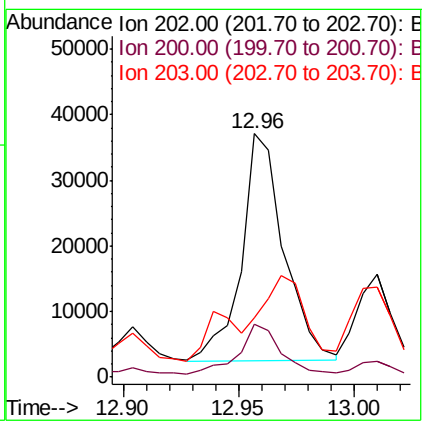


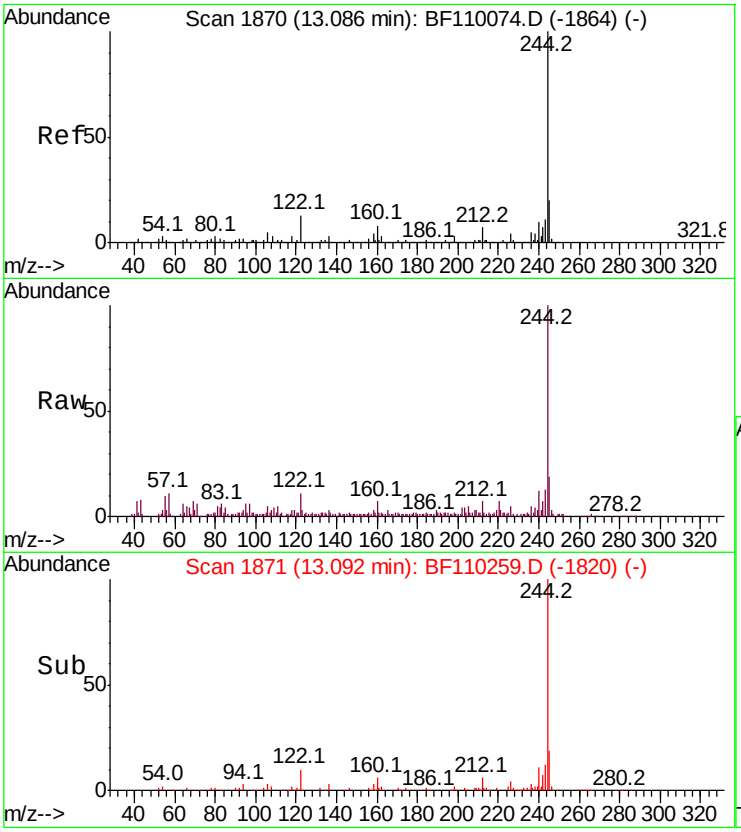


#78
Pyrene
Concen: 2.989 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:202 Resp: 44867

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	24.3	14.2	21.4#



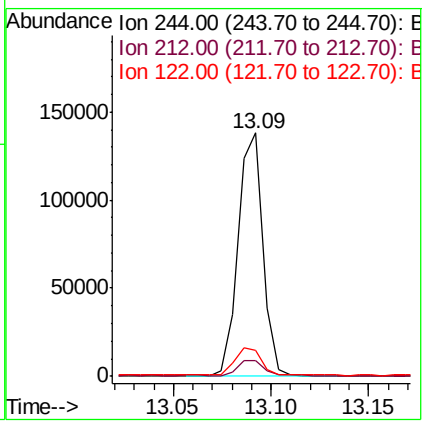


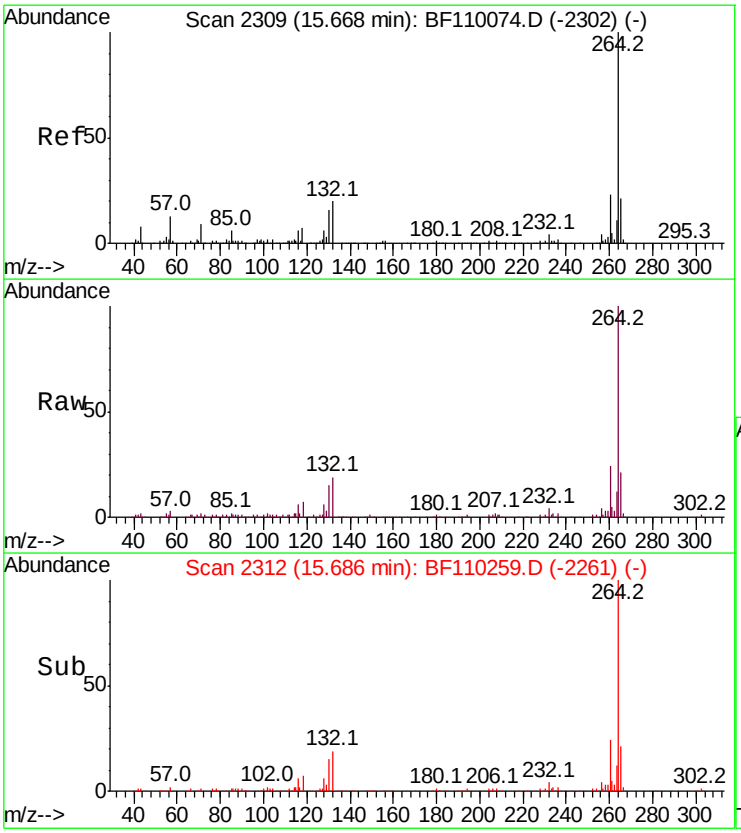
#79
Terphenyl-d14
Concen: 12.130 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF110259.D
Acq: 29 Oct 2018 13:45

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASEDL

Tgt Ion:244 Resp: 122138

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.6	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: BF110259.D
Acq: 29 Oct 2018 13:45

Tgt Ion:264 Resp: 185962

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.1	16.7	25.1