Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109442.D
Acq On : 28 Sep 2018 20:44
Operator : JU/SJ
Sample : J5118-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-092518-USTEXC-NW-R-064

Quant Time: Sep 29 02:13:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	99421	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	339224	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	133545	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	234186	20.00	ng		0.00
75) Chrysene-d12	13.84	240	181448	20.00	ng		0.00
86) Perylene-d12	15.25	264	139859	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	559976	92.77	ng		0.01
7) Phenol-d6	6.35	99	698793	90.72	ng		0.00
23) Nitrobenzene-d5	7.27	82	412095	71.71	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	124617	94.66	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	666231	75.24	ng		0.00
78) Terphenyl-d14	12.80	244	562858	76.13	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	40139	4.602	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	56096	11.115	ng	#	76
25) Isophorone	7.27	82	365857	35.356	ng	#	64
49) Dimethylphthalate	9.46	163	126908	13.066	ng	#	99
53) 2,4-Dinitrophenol	10.03	184	645	9.347	ng	#	1
55) 4-Nitrophenol	9.85	139	3725	2.220	ng	#	61
64) 4,6-Dinitro-2-methylphenol	10.52	198	301	6.797	ng	#	1
65) n-Nitrosodiphenylamine	10.40	169	17188	2.221	ng	#	39
66) 4-Bromophenyl-phenylether	10.53	248	7825	3.009	ng	#	1
70) Phenanthrene	11.24	178	160788	13.751	ng		99
71) Anthracene	11.29	178	40212	3.391	ng		96
73) Di-n-butylphthalate	11.79	149	38762	2.853	ng		99
74) Fluoranthene	12.43	202	192560	15.410	ng		94
77) Pyrene	12.65	202	164122	12.621	ng		100
80) Benzo(a)anthracene	13.83	228	73177	6.696	ng		97
82) Chrysene	13.87	228	61310	5.660	ng		94
87) Benzo(b)fluoranthene	14.85	252	80205	10.436	ng	#	92
88) Benzo(k)fluoranthene	14.85	252	80205	10.998	ng	#	95
89) Benzo(a)pyrene	15.19	252	41037	5.926	ng	#	92
91) Benzo(g,h,i)perylene	17.00	276	25103	4.496	ng		97

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

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RA-092518-USTEXC-NW-R-064

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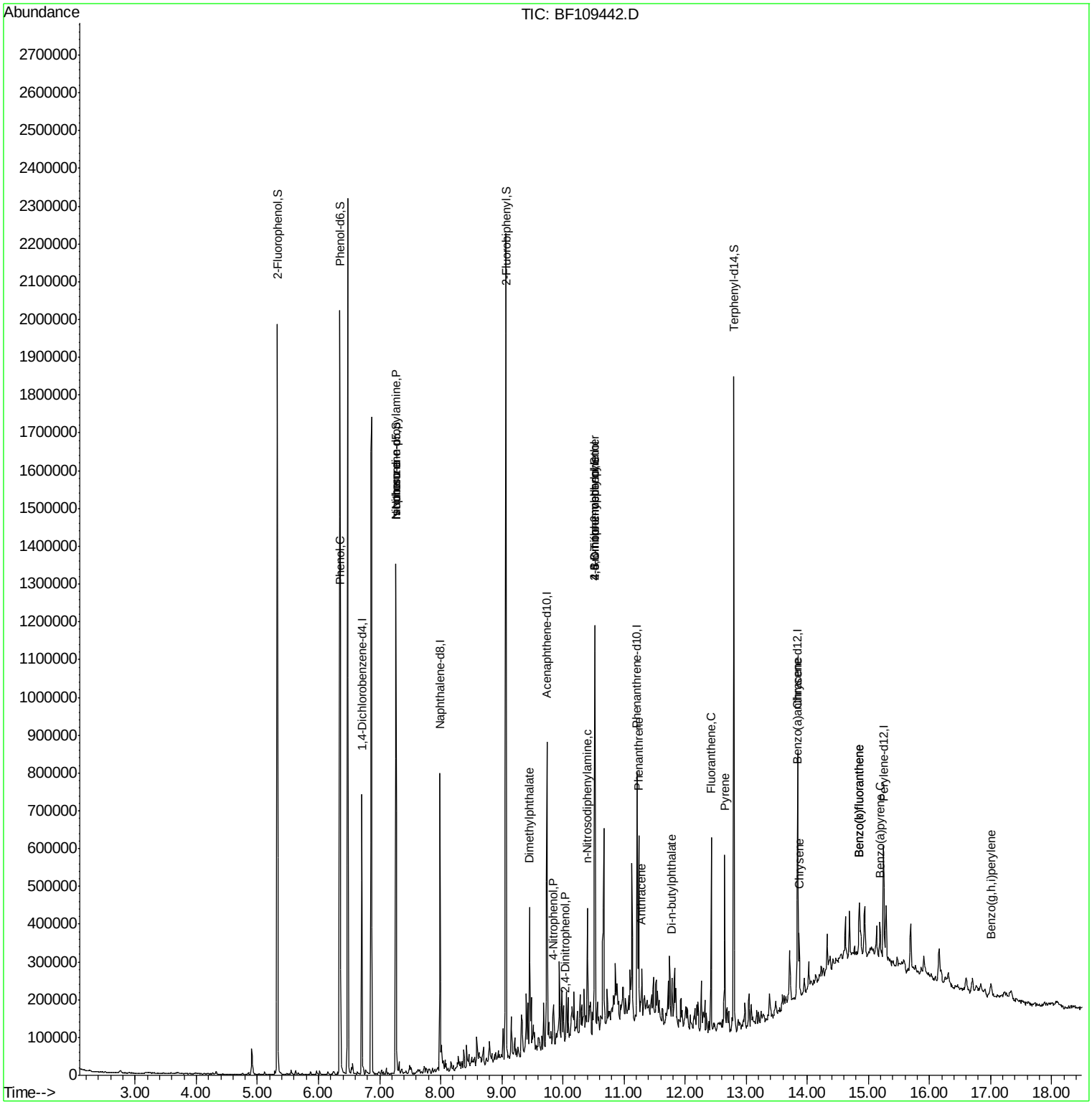
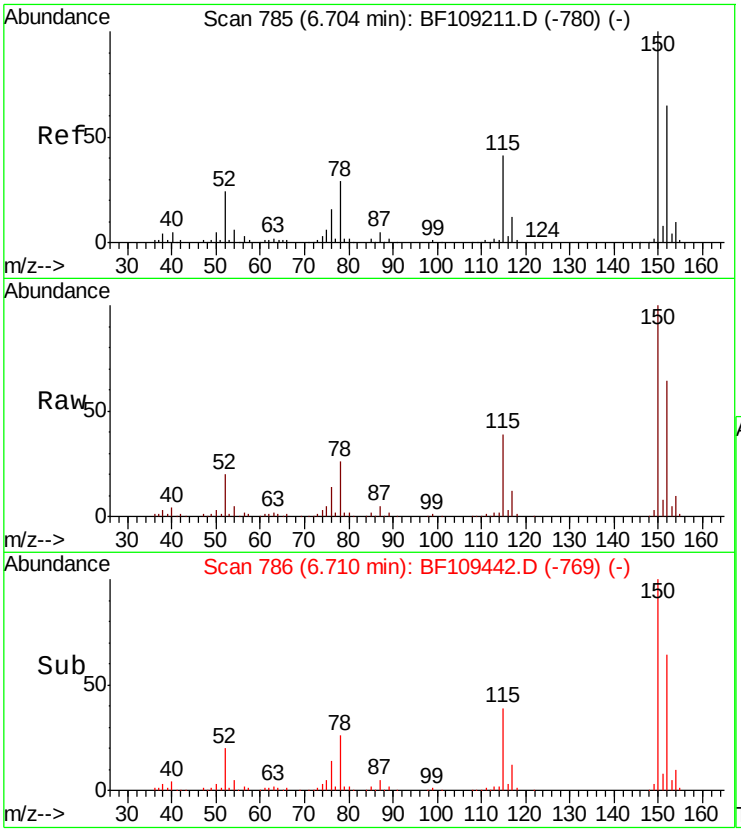


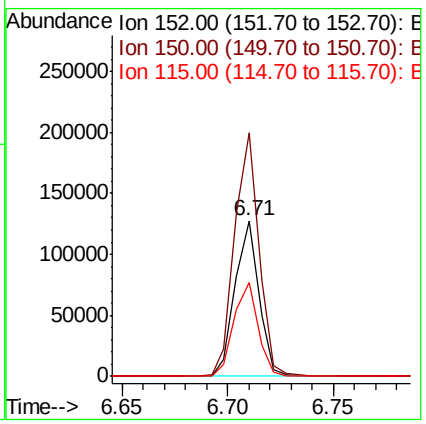


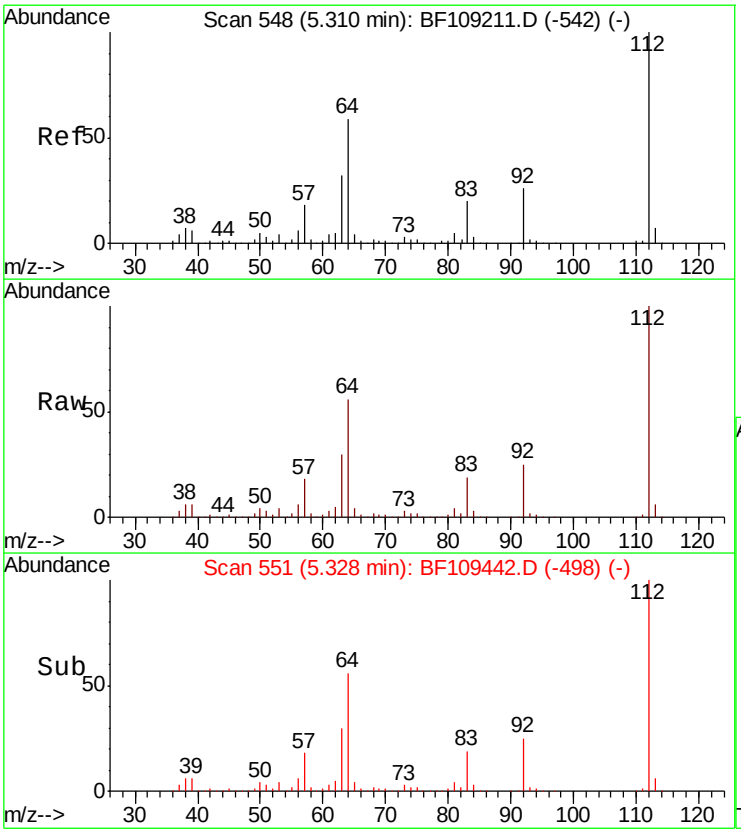
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:152 Resp: 99421

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.6	50.1	75.1

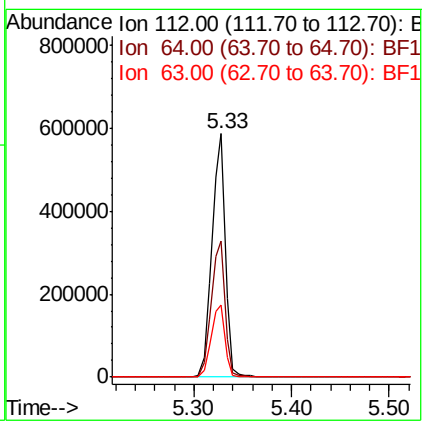


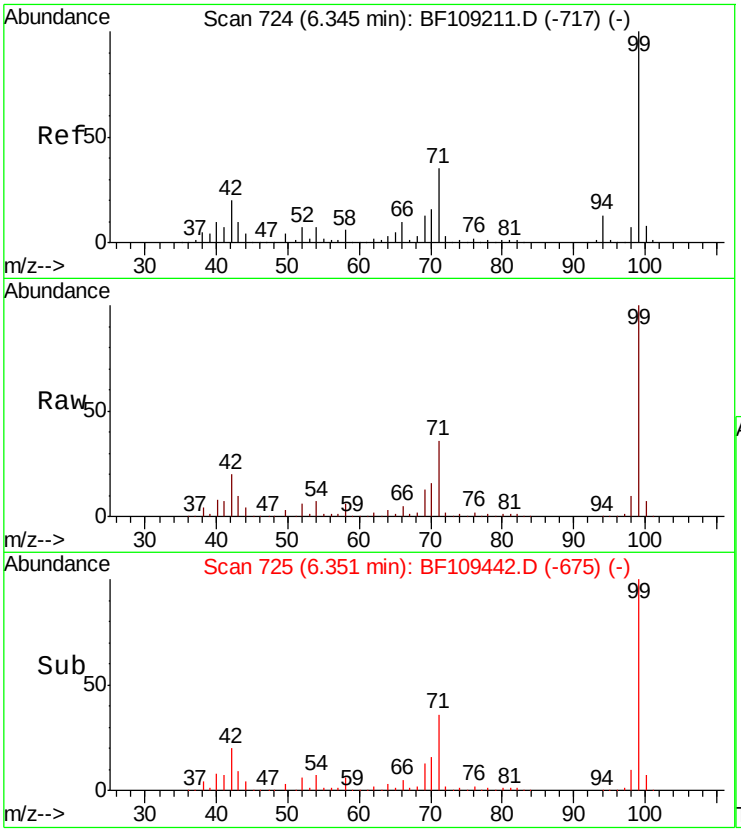


#5
2-Fluorophenol
Concen: 92.769 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:112 Resp: 559976

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	29.5	23.7	35.5



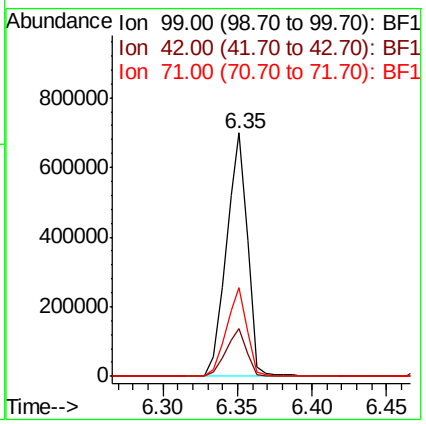


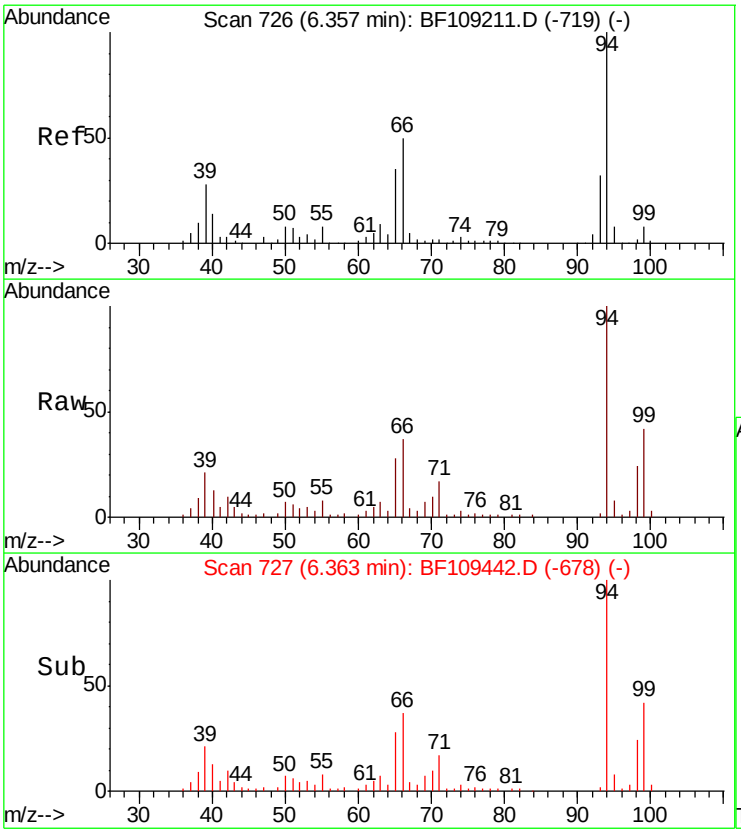
#7
Phenol-d6
Concen: 90.724 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion: 99 Resp: 698793

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	36.2	25.4	38.0

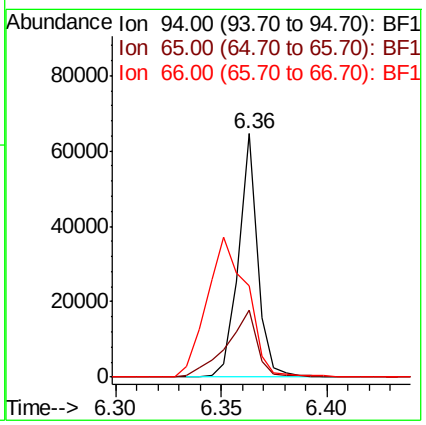


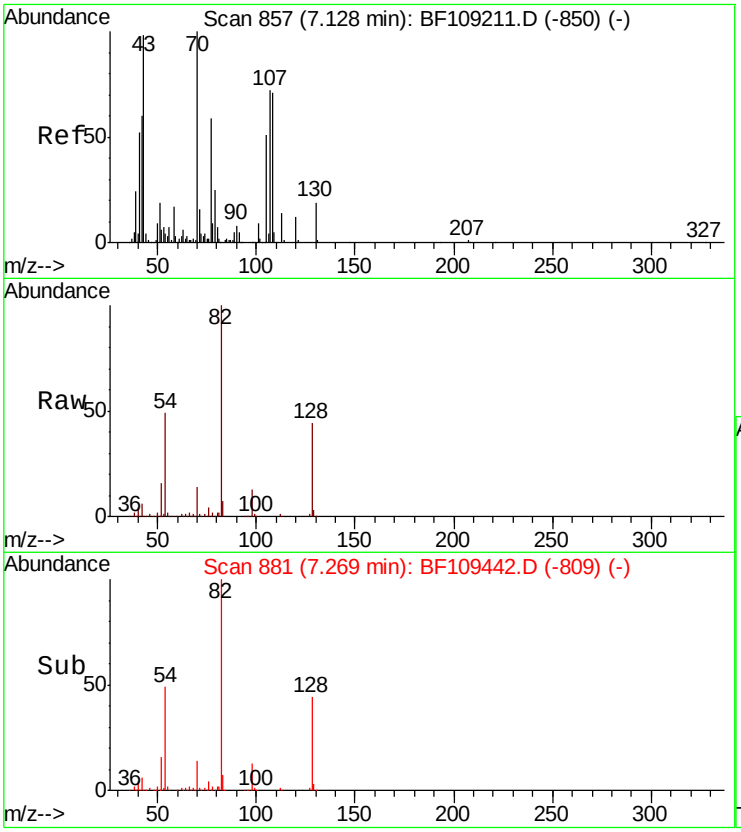


#10
Phenol
Concen: 4.602 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion: 94 Resp: 40139

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	37.5	16.2	56.2



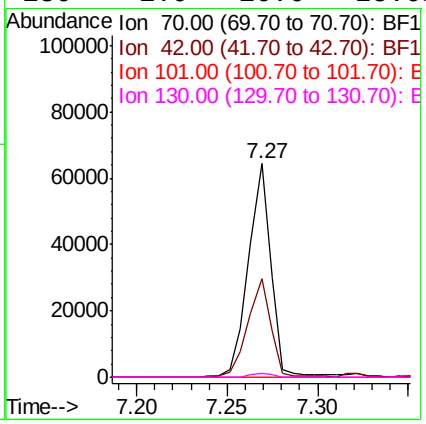


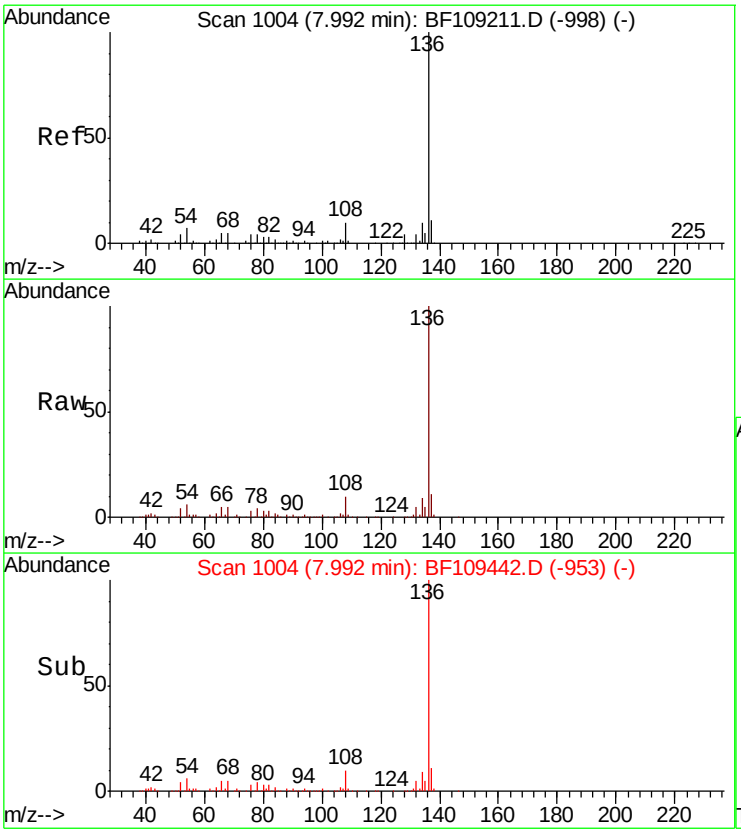
#19
n-Nitroso-di-n-propylamine
Concen: 11.115 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion: 70 Resp: 56096

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

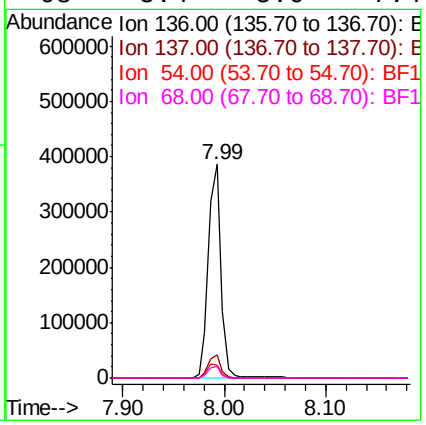


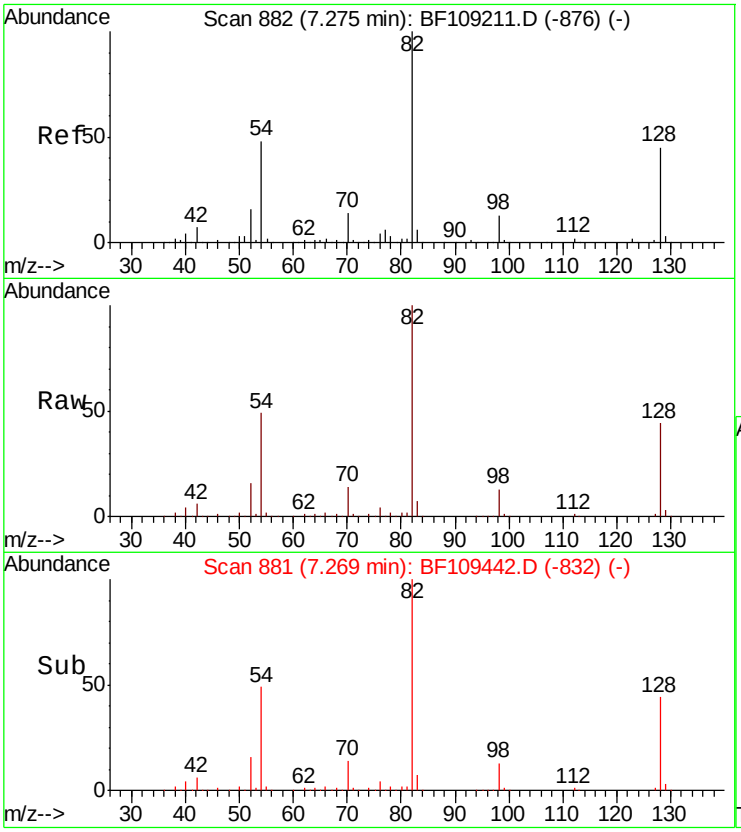


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:136 Resp: 339224

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4



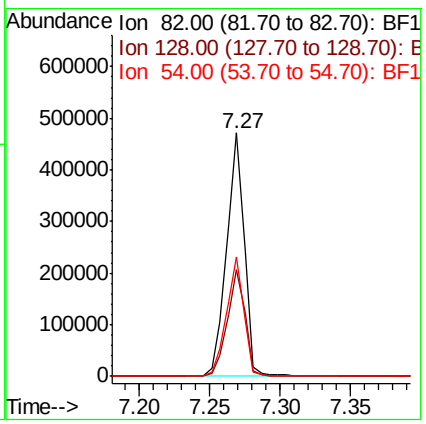


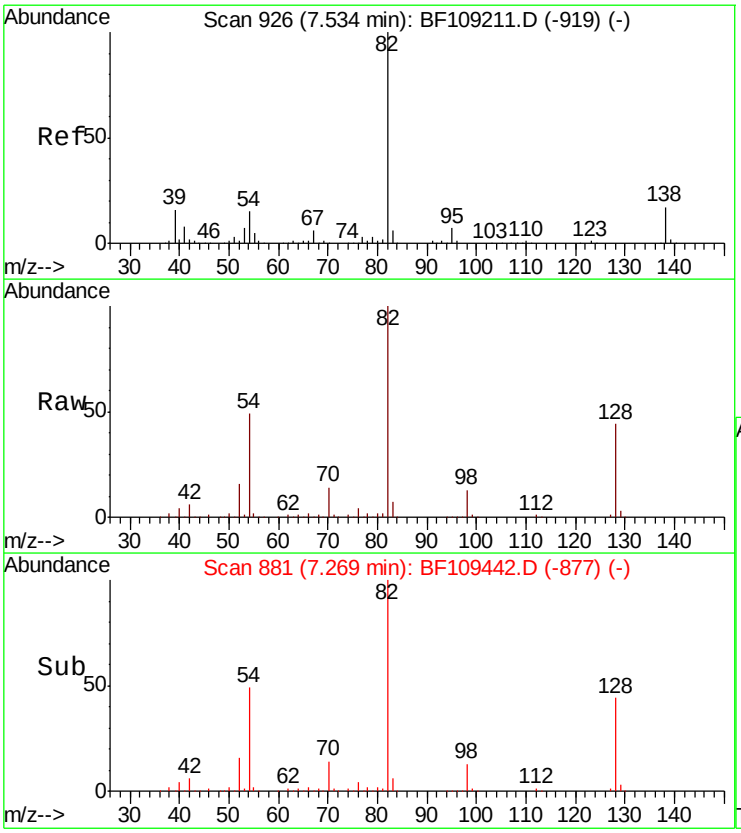
#23
Nitrobenzene-d5
Concen: 71.712 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion: 82 Resp: 412095

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	49.1	41.4	62.2

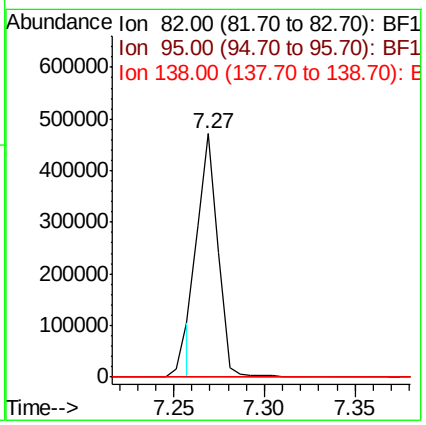


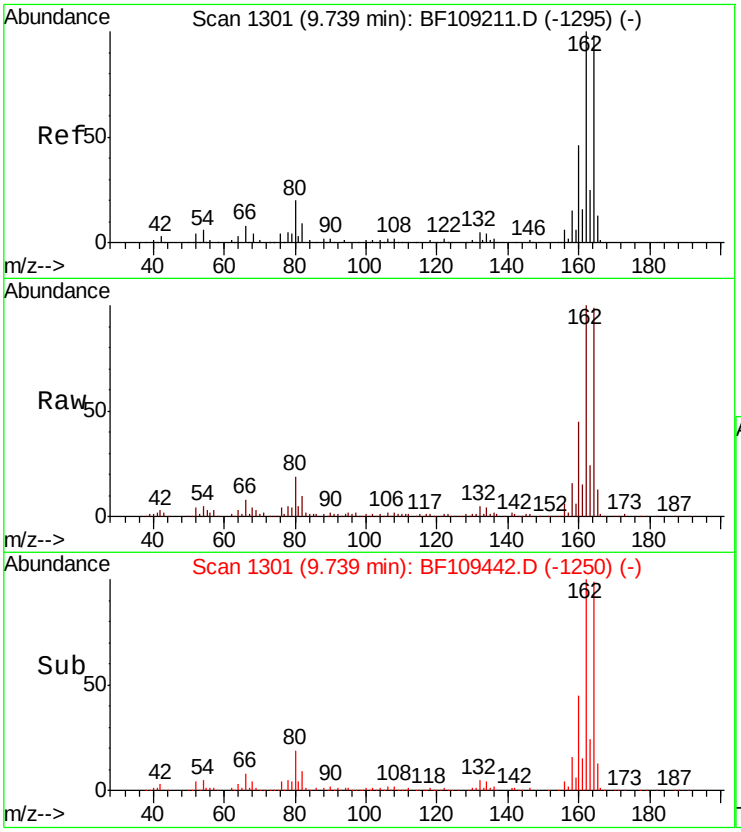


#25
Isophorone
Concen: 35.356 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion: 82 Resp: 365857

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



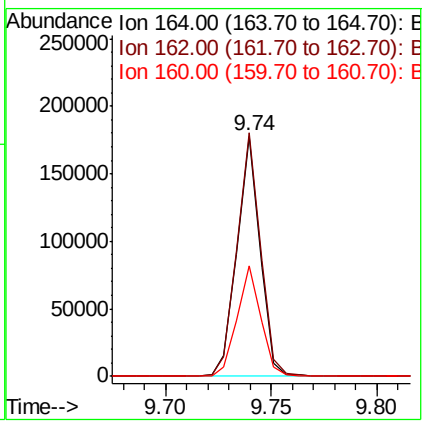


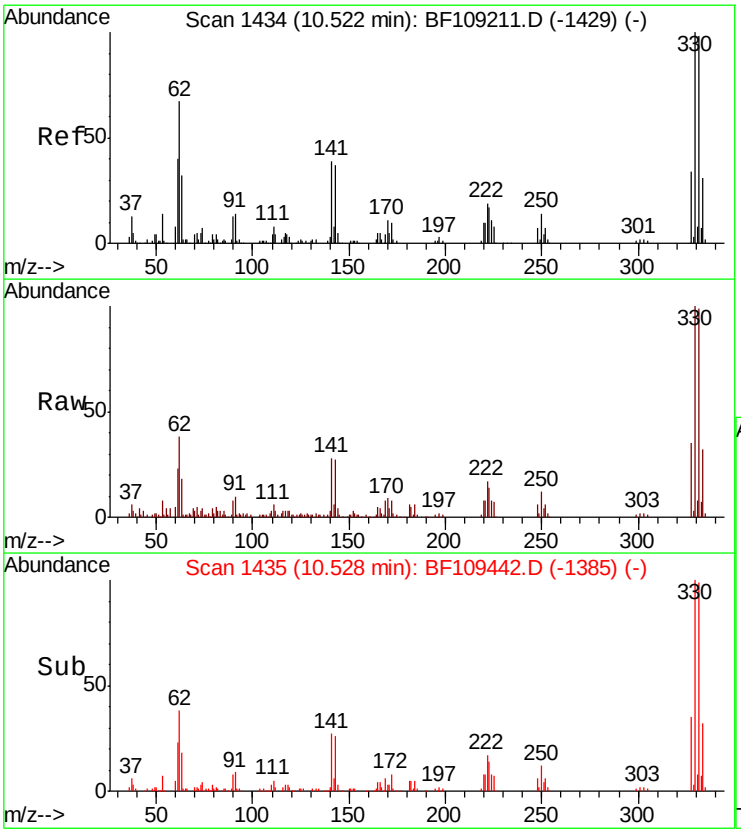
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:164 Resp: 133545

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.9	38.3	57.5

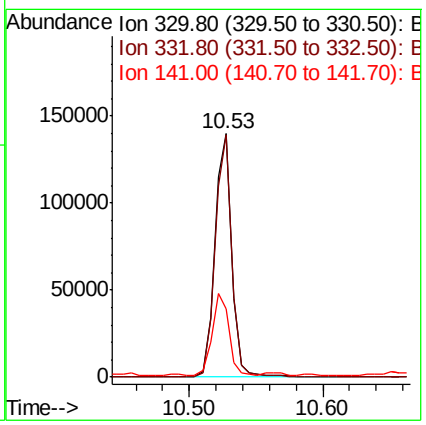


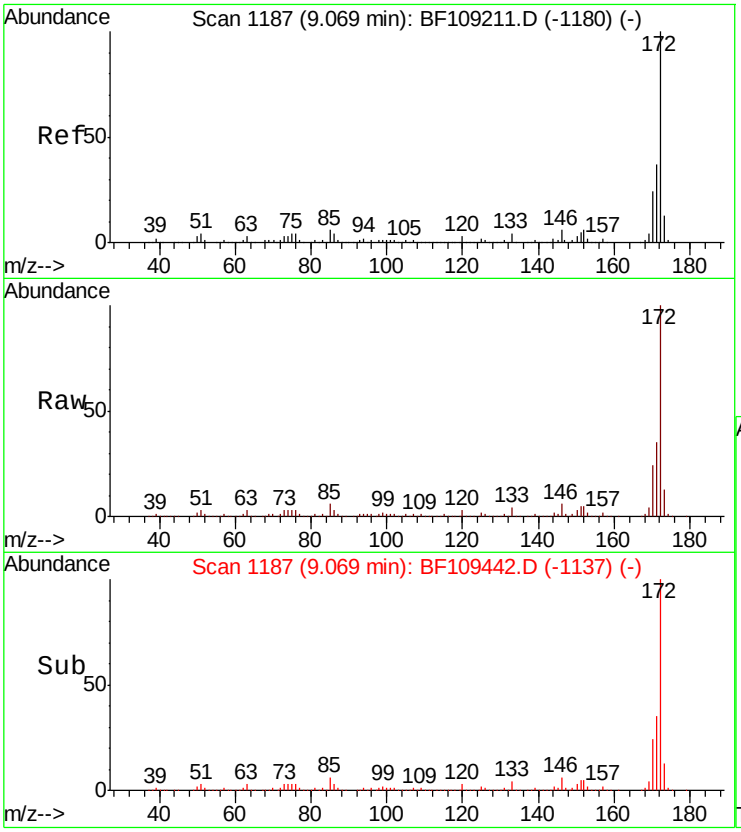


#41
2,4,6-Tribromophenol
Concen: 94.660 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:330 Resp: 124617

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	32.7	29.9	44.9



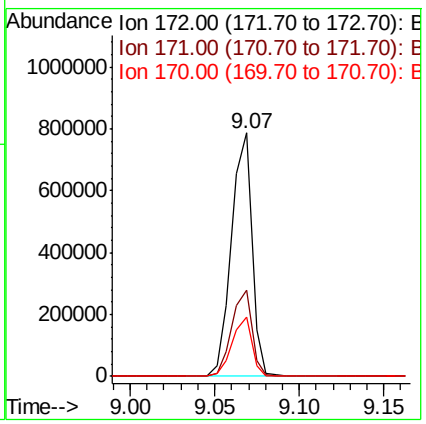


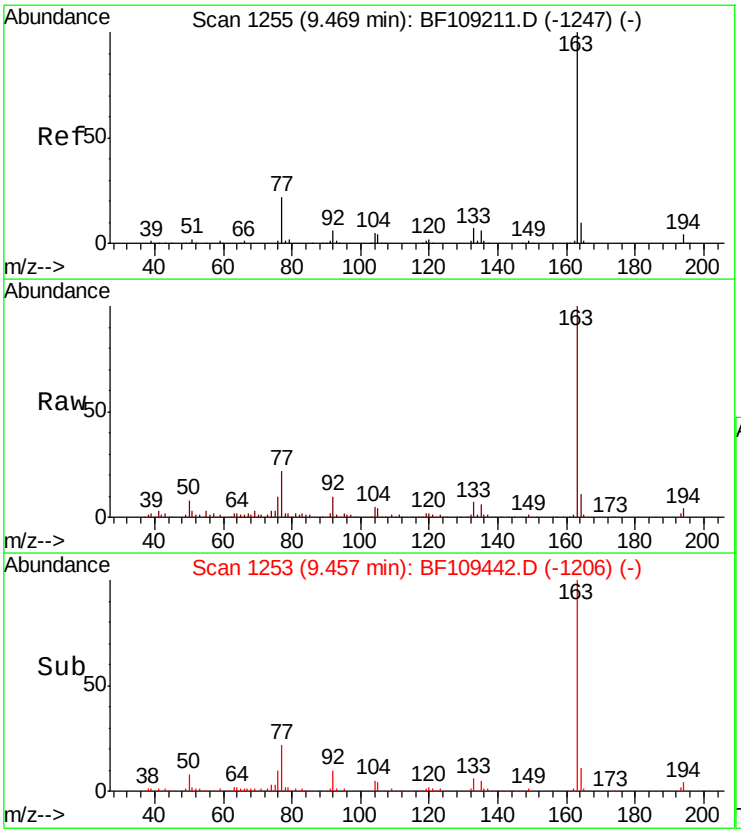
#44
2-Fluorobiphenyl
Concen: 75.241 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:172 Resp: 666231

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.2	19.6	29.4

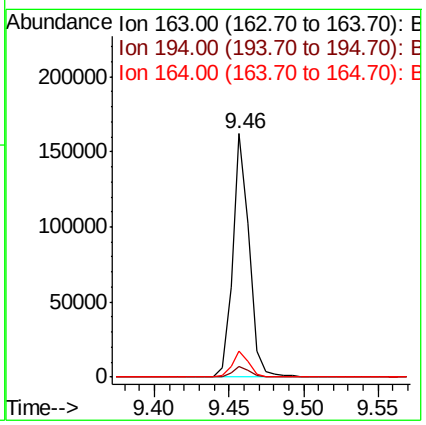


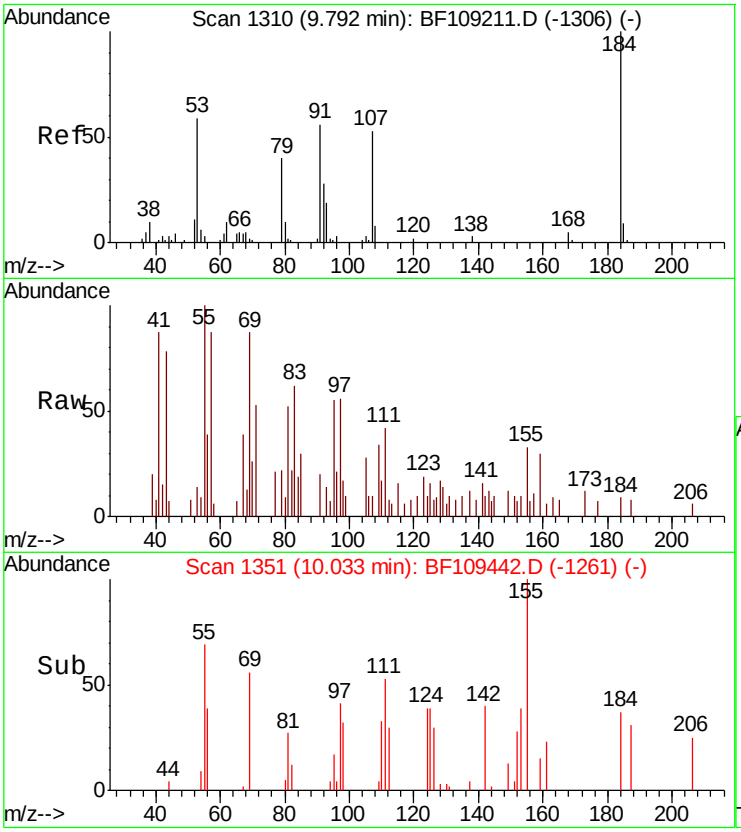


#49
Dimethylphthalate
Concen: 13.066 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:163 Resp: 126908

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.6	8.2	12.2



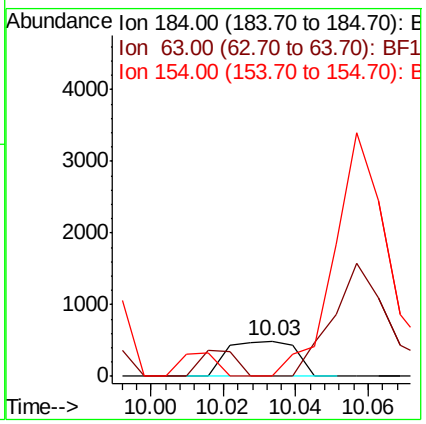


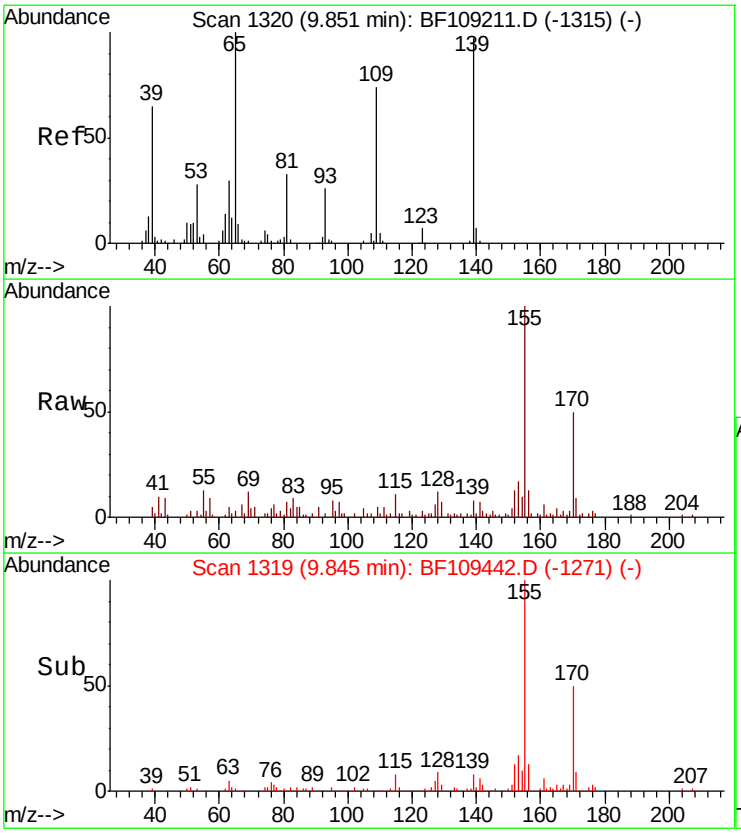
#53
2,4-Dinitrophenol
Concen: 9.347 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.23 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:184 Resp: 645

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

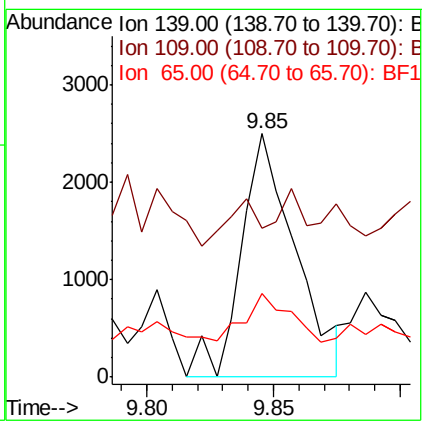


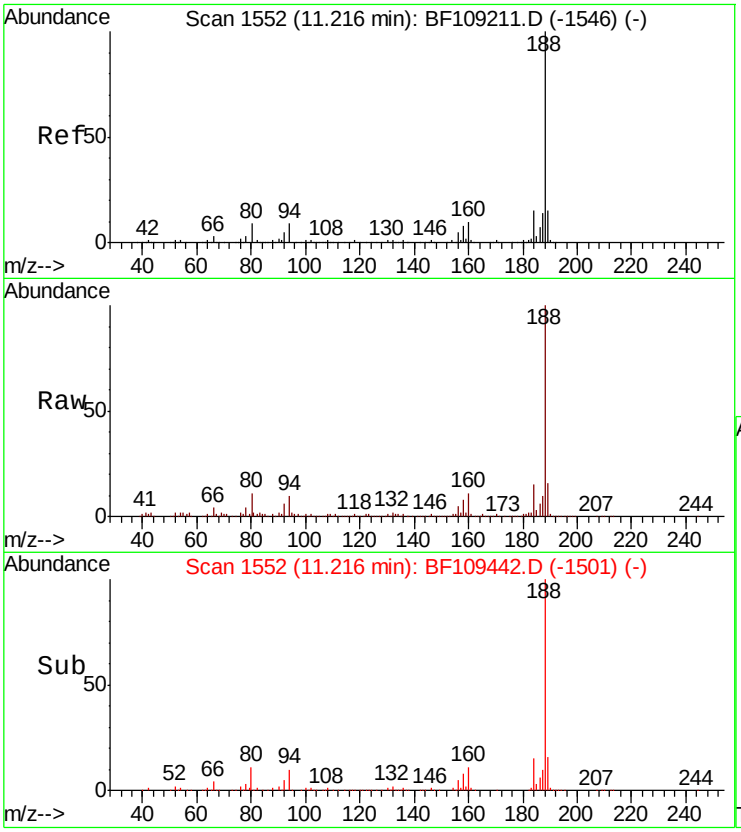


#55
4-Nitrophenol
Concen: 2.220 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:139 Resp: 3725

Ion	Ratio	Lower	Upper
139	100		
109	61.0	48.4	88.4
65	34.2	72.6	112.6#



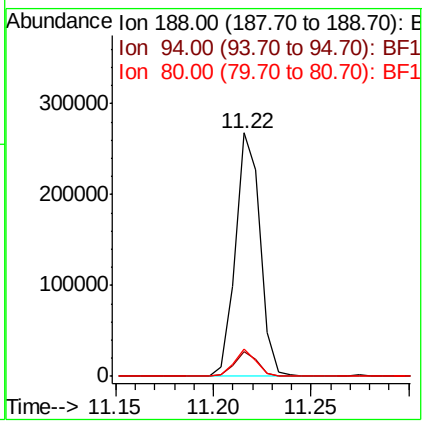


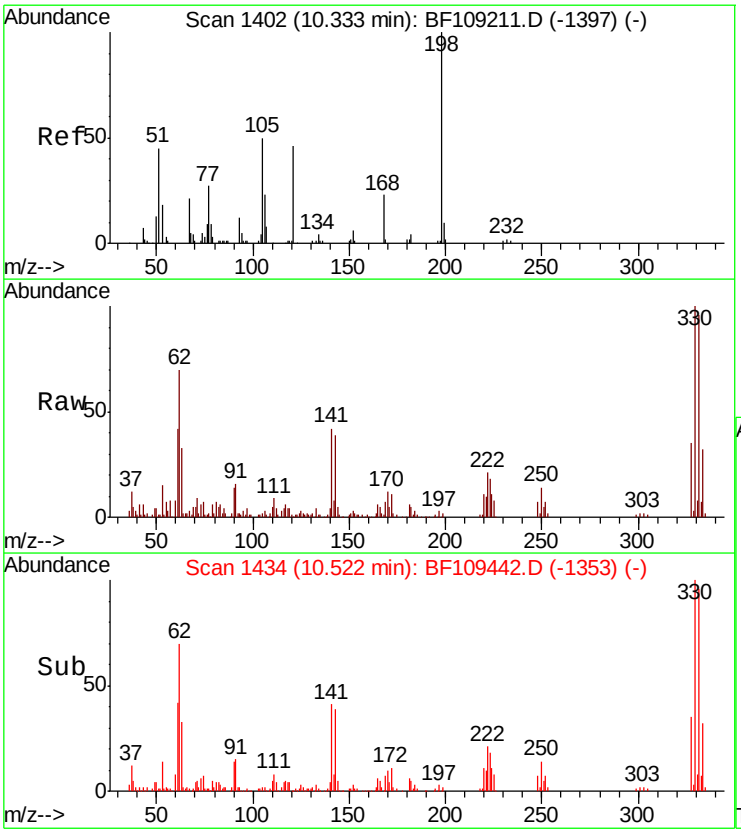
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:188 Resp: 234186

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.2	9.2	13.8

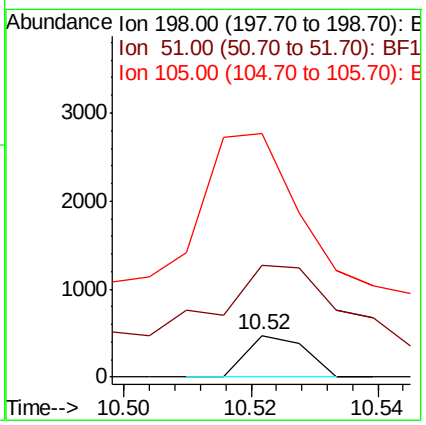


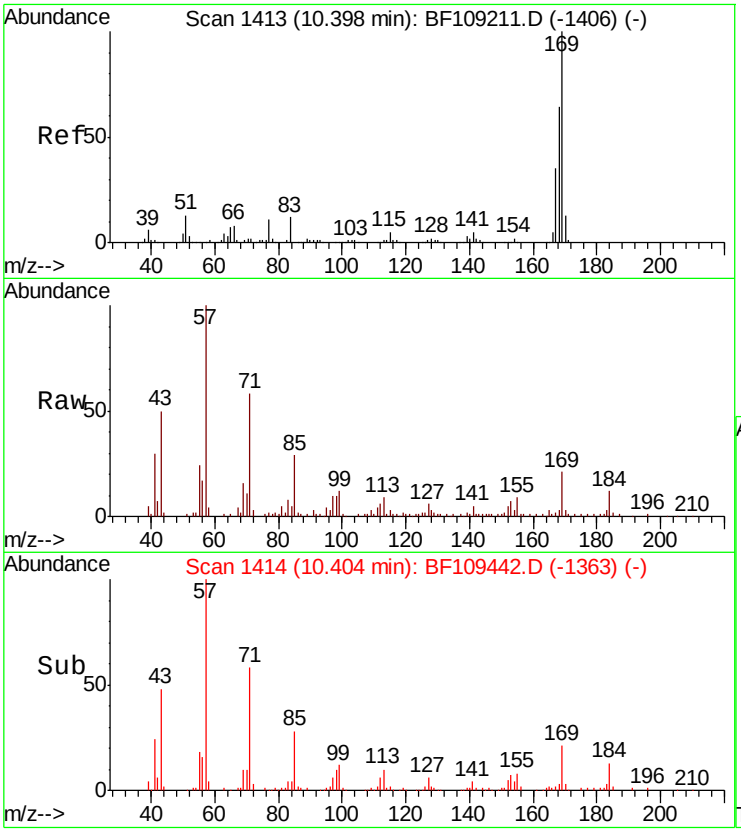


#64
4,6-Dinitro-2-methylphenol
Concen: 6.797 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:198 Resp: 301

Ion	Ratio	Lower	Upper
198	100		
51	269.5	37.7	77.7#
105	586.0	36.3	76.3#



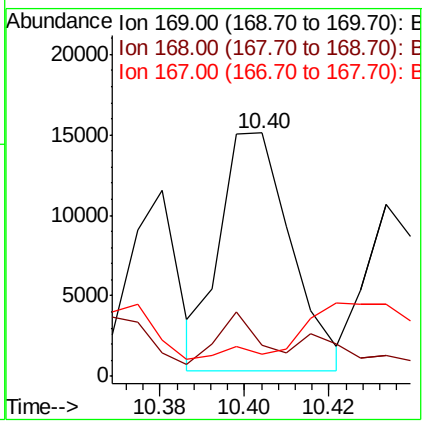


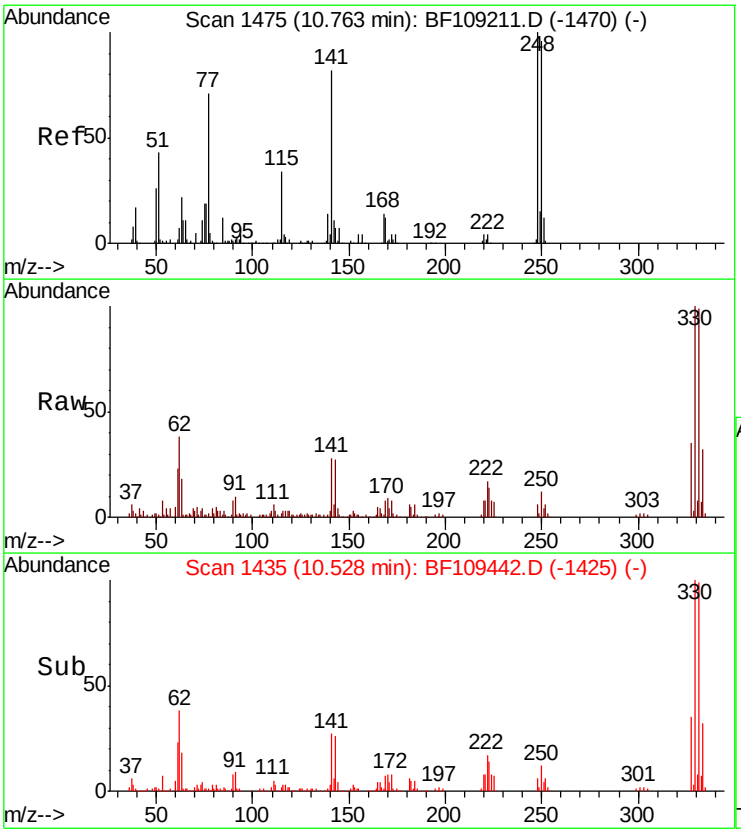
#65
n-Nitrosodiphenylamine
Concen: 2.221 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:169 Resp: 17188

Ion	Ratio	Lower	Upper
169	100		
168	12.9	54.4	81.6#
167	9.1	29.8	44.6#

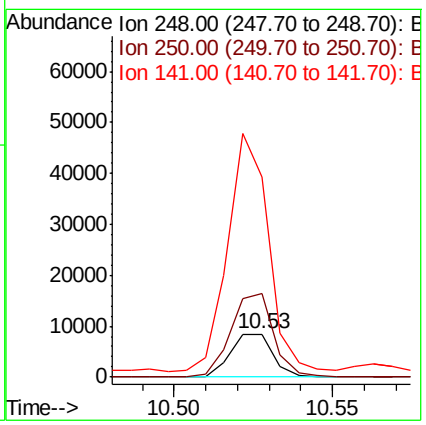


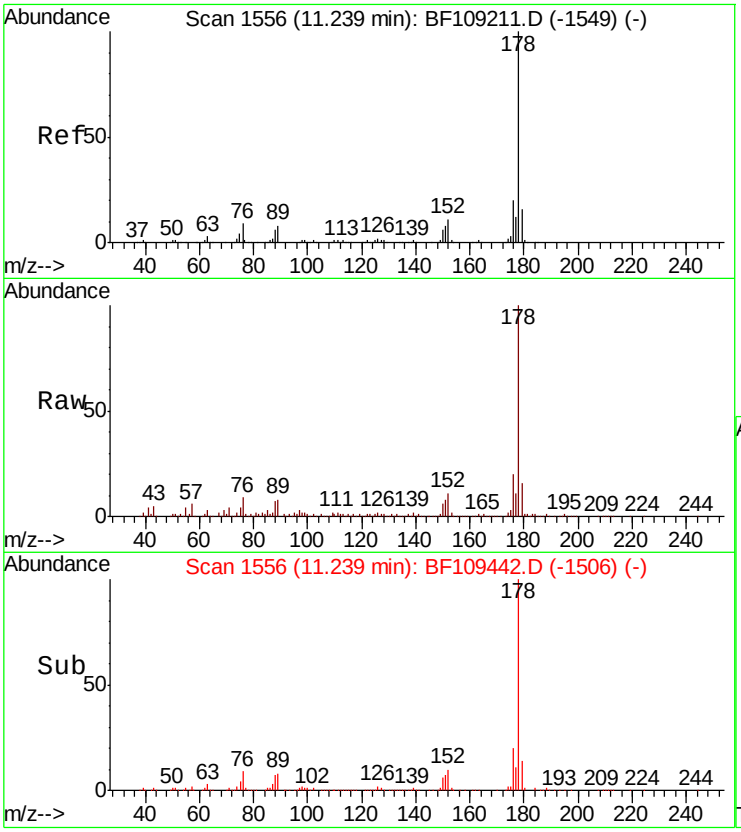


#66
4-Bromophenyl-phenylether
Concen: 3.009 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:248 Resp: 7825

Ion	Ratio	Lower	Upper
248	100		
250	194.4	76.9	115.3#
141	465.8	74.4	111.6#



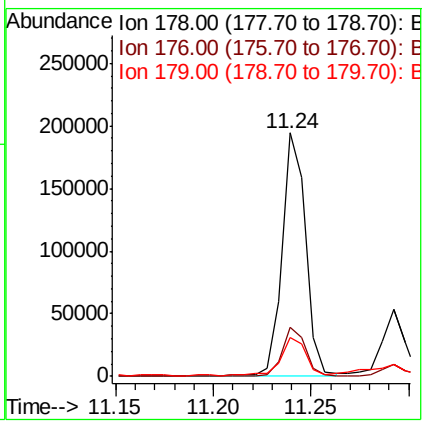


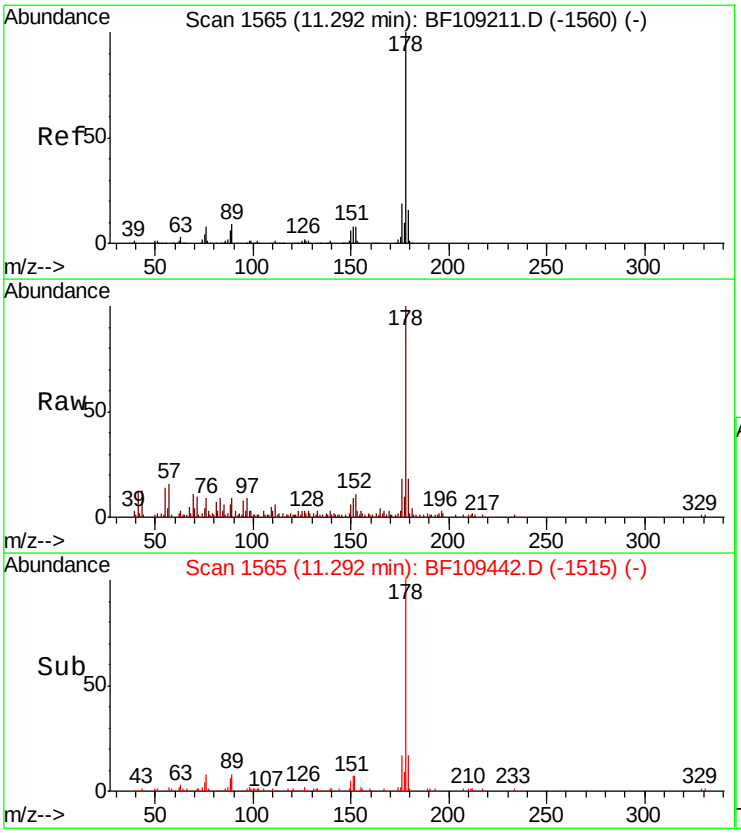
#70
Phenanthrene
Concen: 13.751 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:178 Resp: 160788

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	13.0	19.6

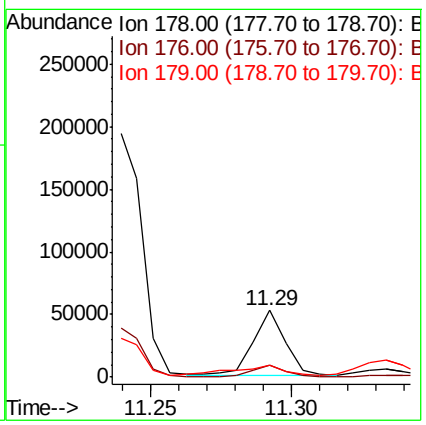


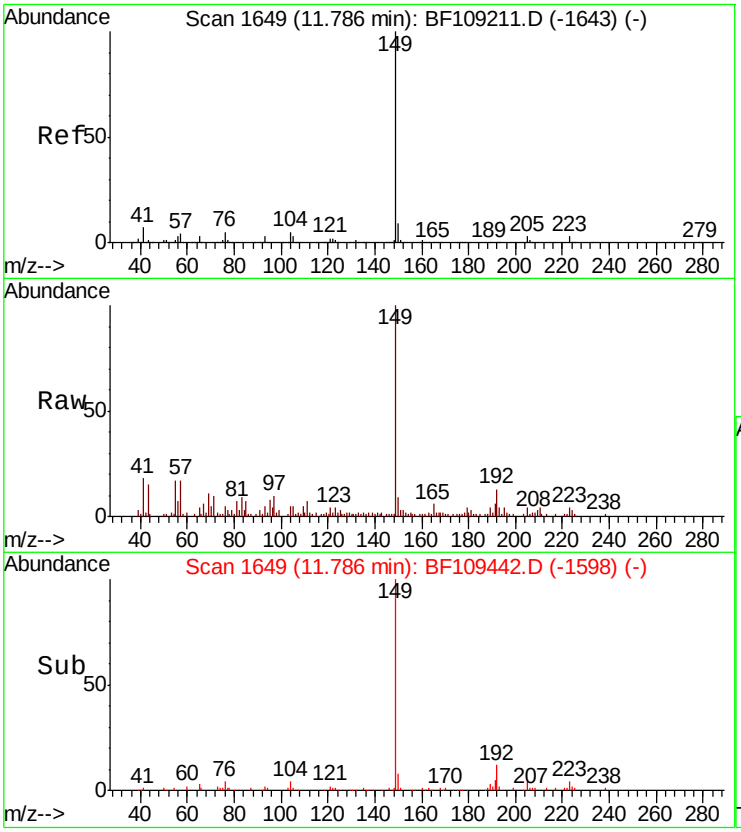


#71
Anthracene
Concen: 3.391 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:178 Resp: 40212

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	18.0	12.6	19.0



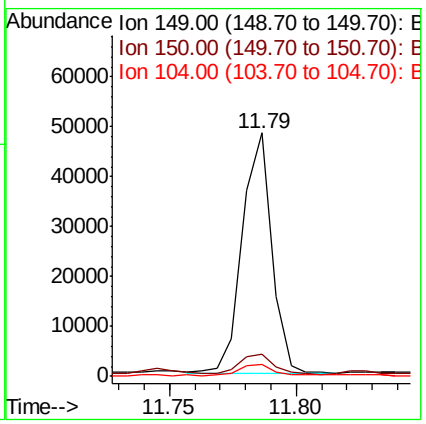


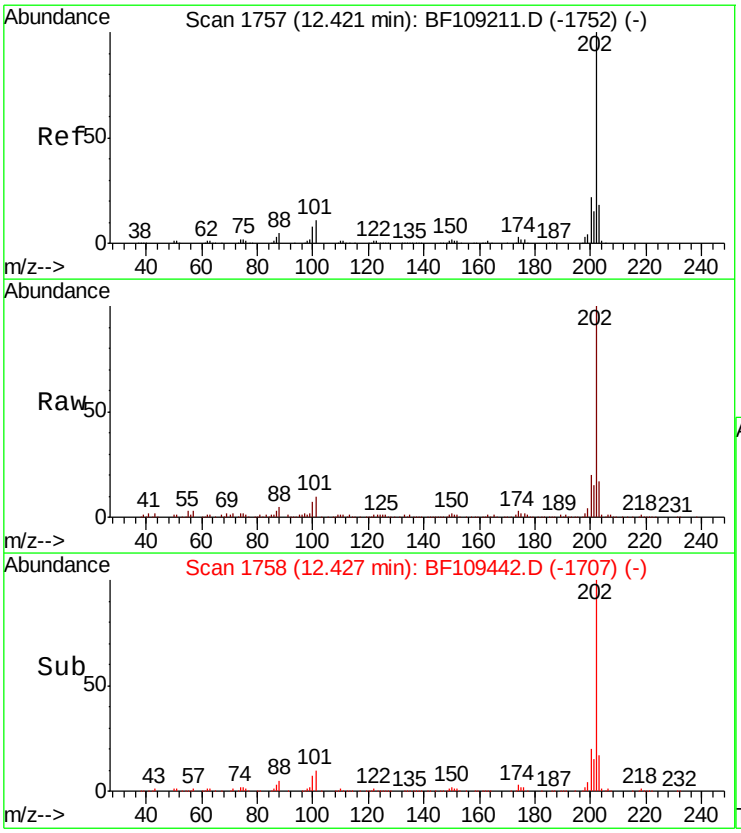
#73
Di-n-butylphthalate
Concen: 2.853 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:149 Resp: 38762

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	4.7	3.8	5.8

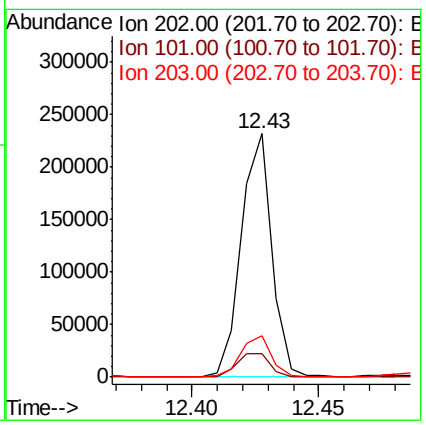


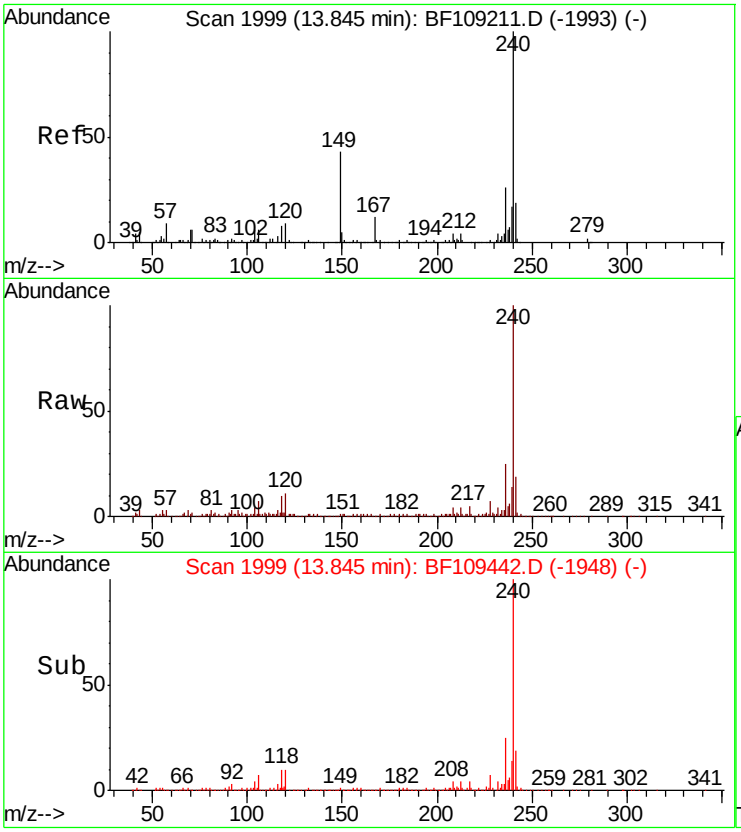


#74
Fluoranthene
Concen: 15.410 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:202 Resp: 192560

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	16.8	0.0	38.1



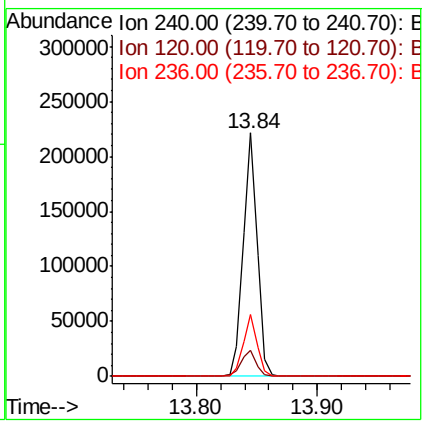


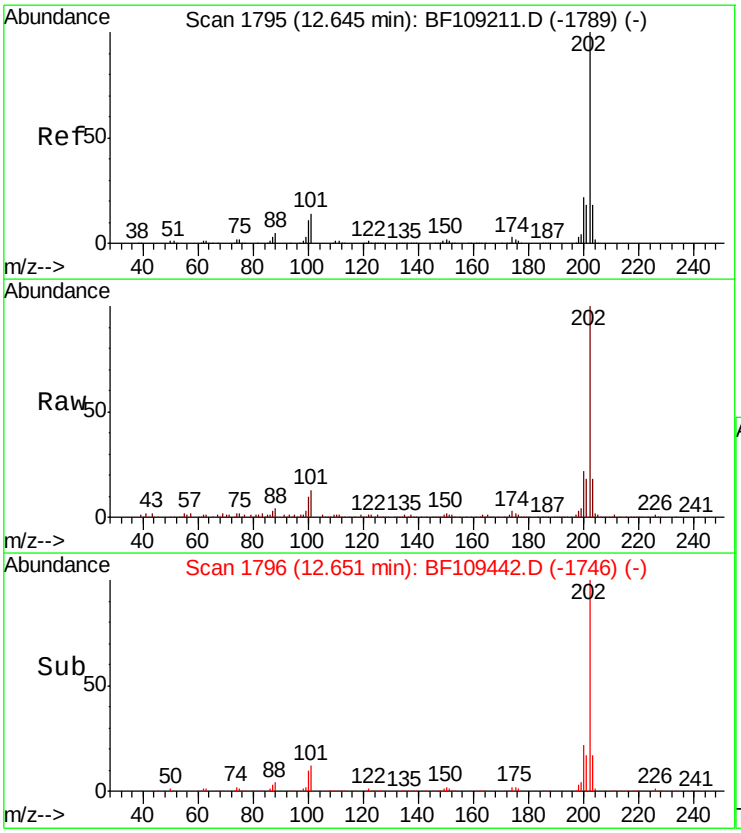
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:240 Resp: 181448

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.4	20.7	31.1

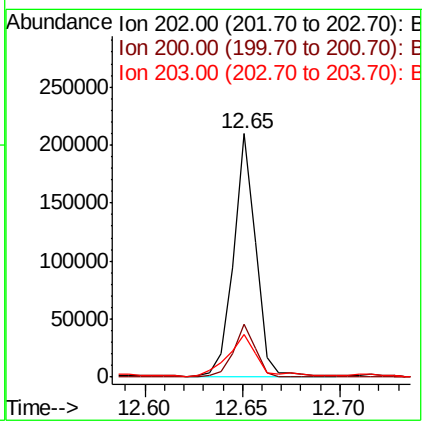


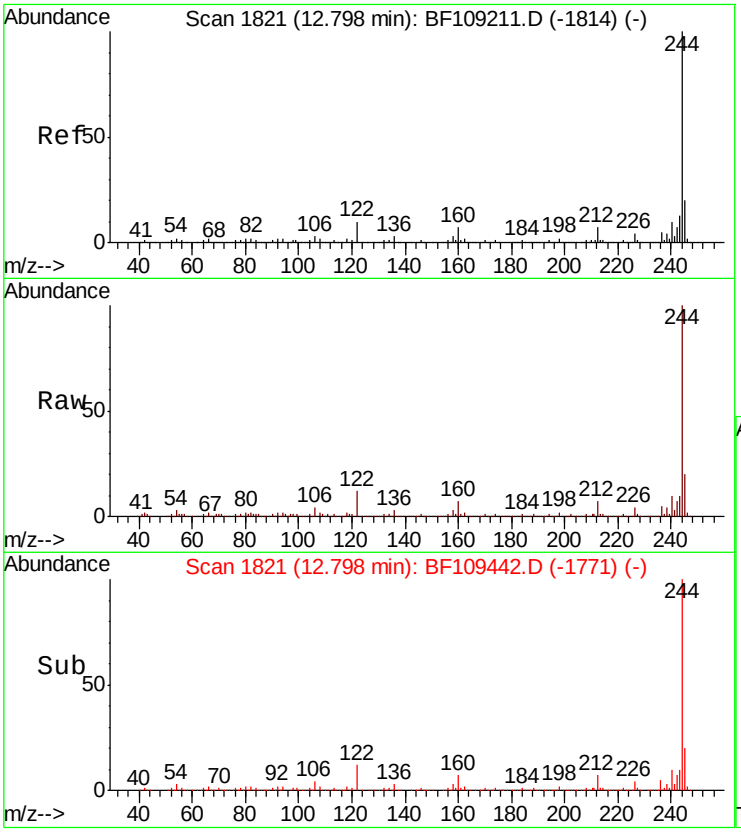


#77
Pyrene
Concen: 12.621 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:202 Resp: 164122

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5



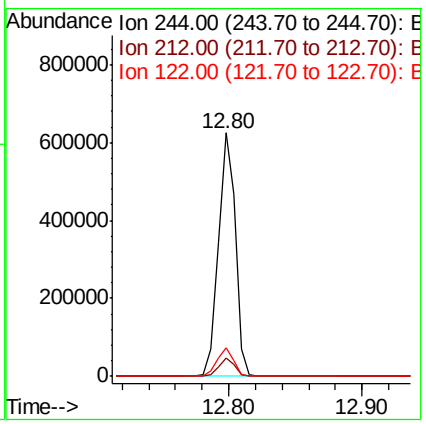


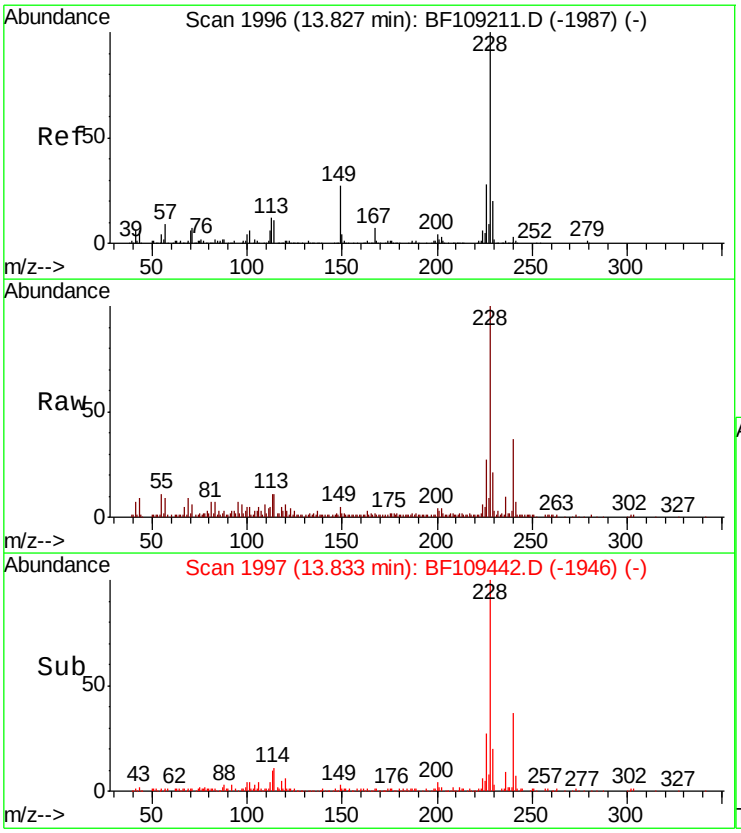
#78
Terphenyl-d14
Concen: 76.129 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:244 Resp: 562858

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.8	11.0	16.4

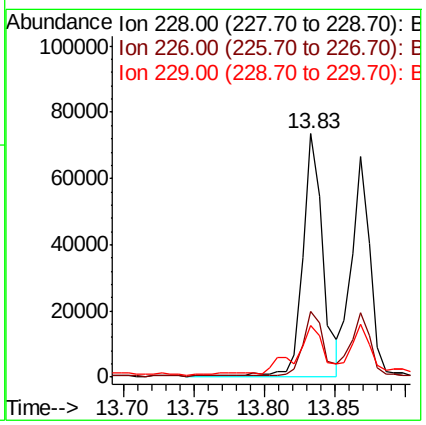


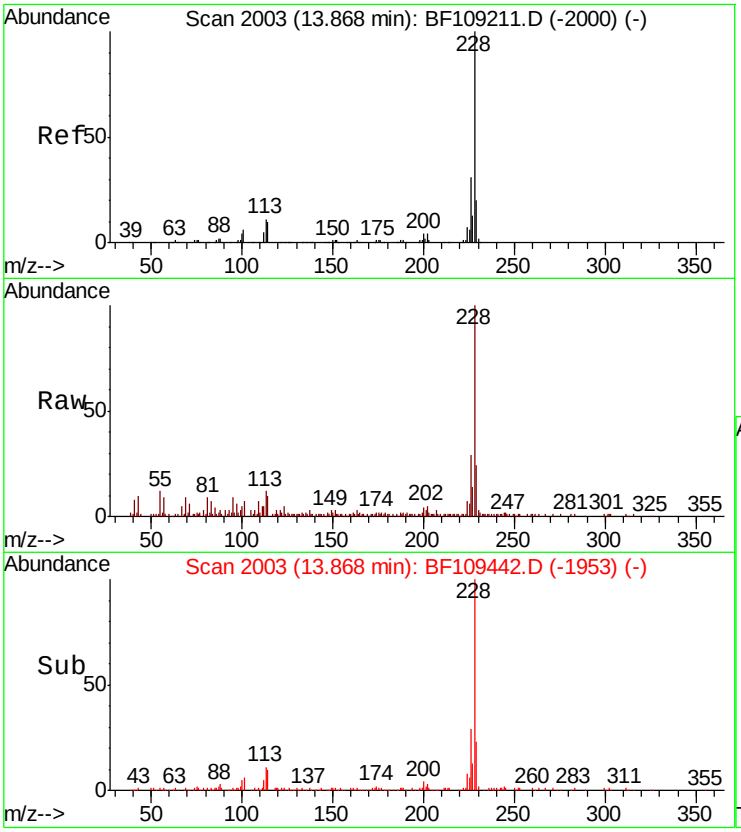


#80
Benzo(a)anthracene
Concen: 6.696 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:228 Resp: 73177

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.3	15.8	23.6



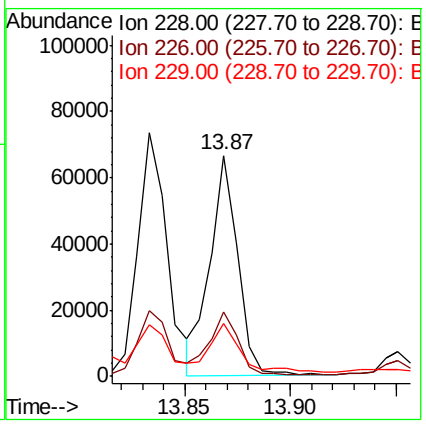


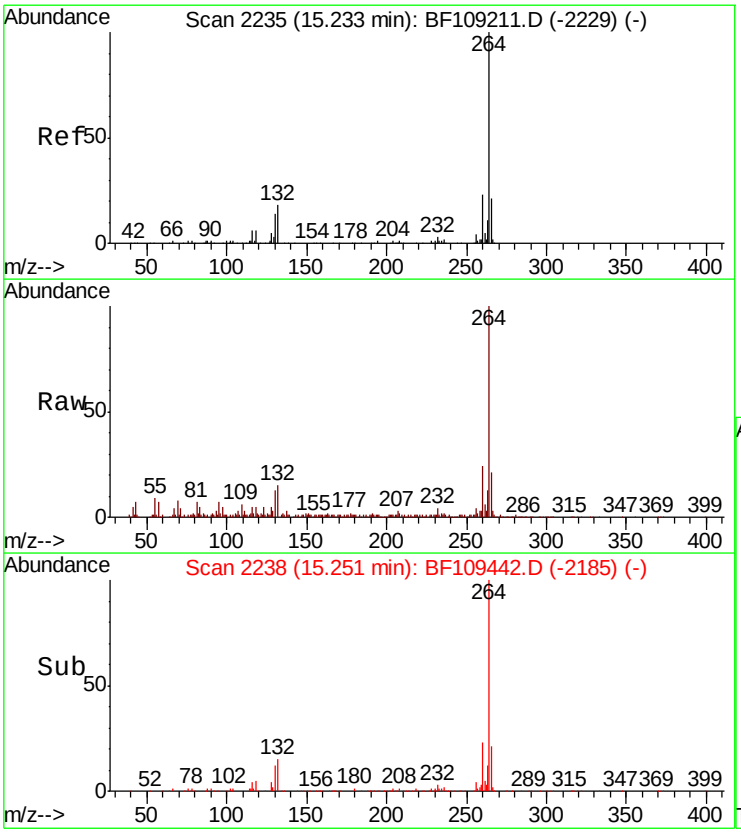
#82
Chrysene
Concen: 5.660 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:228 Resp: 61310

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	23.9	16.2	24.4

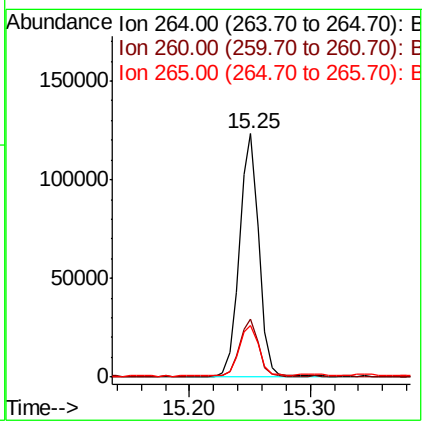


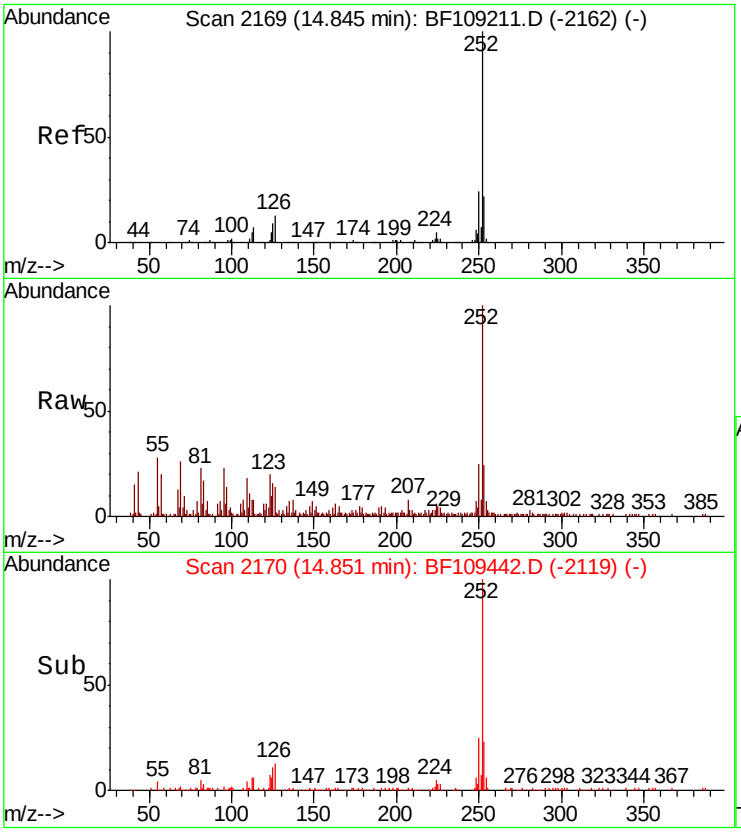


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:264 Resp: 139859

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.5	26.3



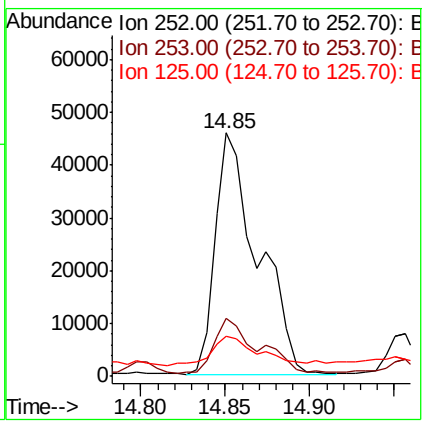


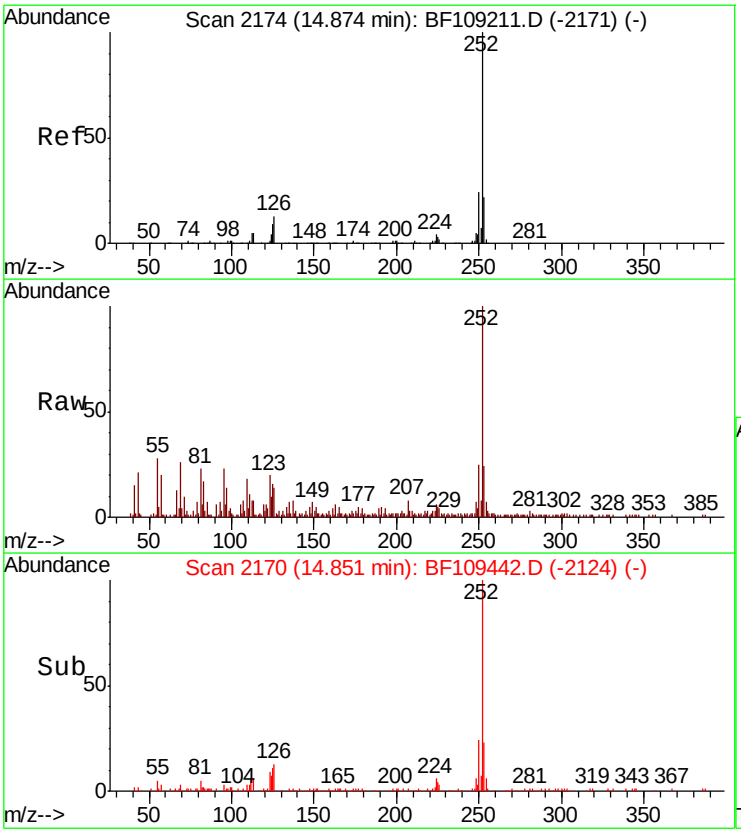
#87
Benzo(b)fluoranthene
Concen: 10.436 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:252 Resp: 80205

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	16.4	9.0	13.6#

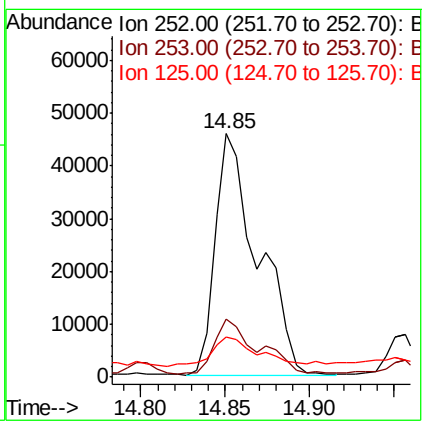


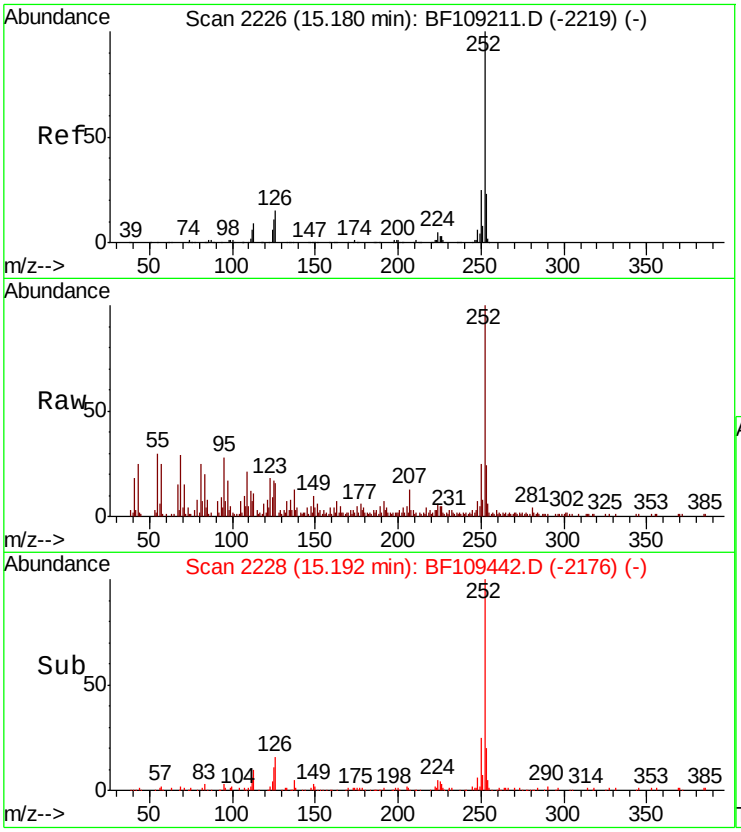


#88
Benzo(k)fluoranthene
Concen: 10.998 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:252 Resp: 80205

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	16.4	10.2	15.2#



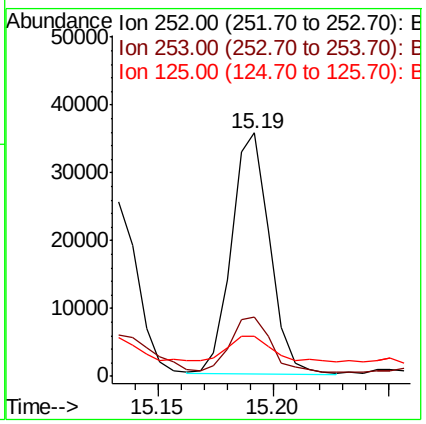


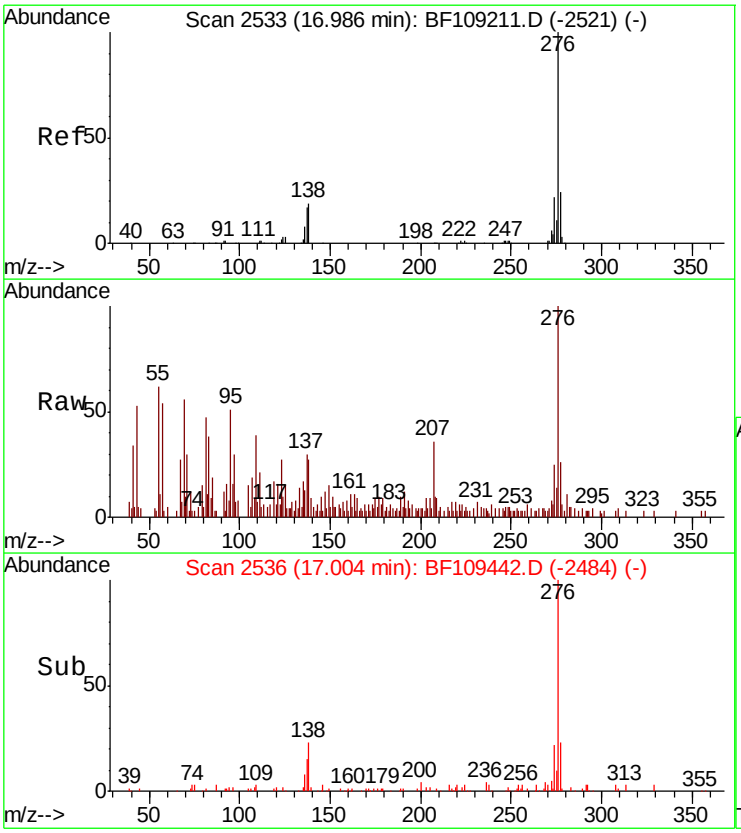
#89
Benzo(a)pyrene
Concen: 5.926 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-R-064

Tgt Ion:252 Resp: 41037

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	16.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.496 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF109442.D
Acq: 28 Sep 2018 20:44

Tgt Ion:276 Resp: 25103

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	27.2	21.8	32.8