Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110719\
Data File : BE100709.D
Acq On : 7 Nov 2019 19:49
Operator : JU
Sample : K5725-03DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SO-3DL

Quant Time: Nov 08 06:22:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	2108	0.40	ng		0.01
7) Naphthalene-d8	10.64	136	10285	0.40	ng		0.01
13) Acenaphthene-d10	14.48	164	9657	0.40	ng		0.01
19) Phenanthrene-d10	17.20	188	15143	0.40	ng		0.00
27) Chrysene-d12	21.37	240	16465	0.40	ng		0.01
34) Perylene-d12	23.85	264	19119	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	115	0.02	ng		0.01
5) Phenol-d6	7.03	99	256	0.03	ng		0.02
8) Nitrobenzene-d5	9.00	82	3803	0.60	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	1286	0.08	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	20	0.01	ng		0.04
15) 2-Fluorobiphenyl	13.16	172	282	0.01	ng		0.06
25) Fluoranthene-d10	19.23	212	4827	0.02	ng		0.01
29) Terphenyl-d14	19.82	244	1038	0.03	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.74	42	84	0.021	ng	#	1
9) Naphthalene	10.69	128	40087	0.371	ng	#	93
12) 2-Methylnaphthalene	12.31	142	4990	0.271	ng	#	49
16) Acenaphthylene	14.21	152	12162	0.293	ng	#	20
17) Acenaphthene	14.54	154	8072	0.301	ng	#	58
18) Fluorene	15.51	166	27866	0.781	ng	#	42
20) 4-Bromophenyl-phenylether	16.38	248	307	0.040	ng	#	1
22) Pentachlorophenol	16.81	266	83	0.035	ng	#	42
23) Phenanthrene	17.26	178	100828	2.421	ng	#	75
24) Anthracene	17.34	178	24553	0.635	ng	#	78
26) Fluoranthene	19.26	202	160376	2.950	ng		99
28) Pyrene	19.62	202	200764	4.364	ng	#	90
30) Benzo(a)anthracene	21.35	228	111375	2.074	ng		93
31) Chrysene	21.35	228	101575	1.892	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	4053	0.036	ng	#	83
33) Indeno(1,2,3-cd)pyrene	26.48	276	84711	1.284	ng		96
35) Benzo(b)fluoranthene	23.10	252	138298	2.481	ng	#	95
36) Benzo(k)fluoranthene	23.10	252	138298	2.412	ng		97
37) Benzo(a)pyrene	23.74	252	111120	2.141	ng	#	95
38) Dibenzo(a,h)anthracene	26.49	278	23083	0.430	ng	#	74
39) Benzo(g,h,i)perylene	27.29	276	81911	1.518	ng		94

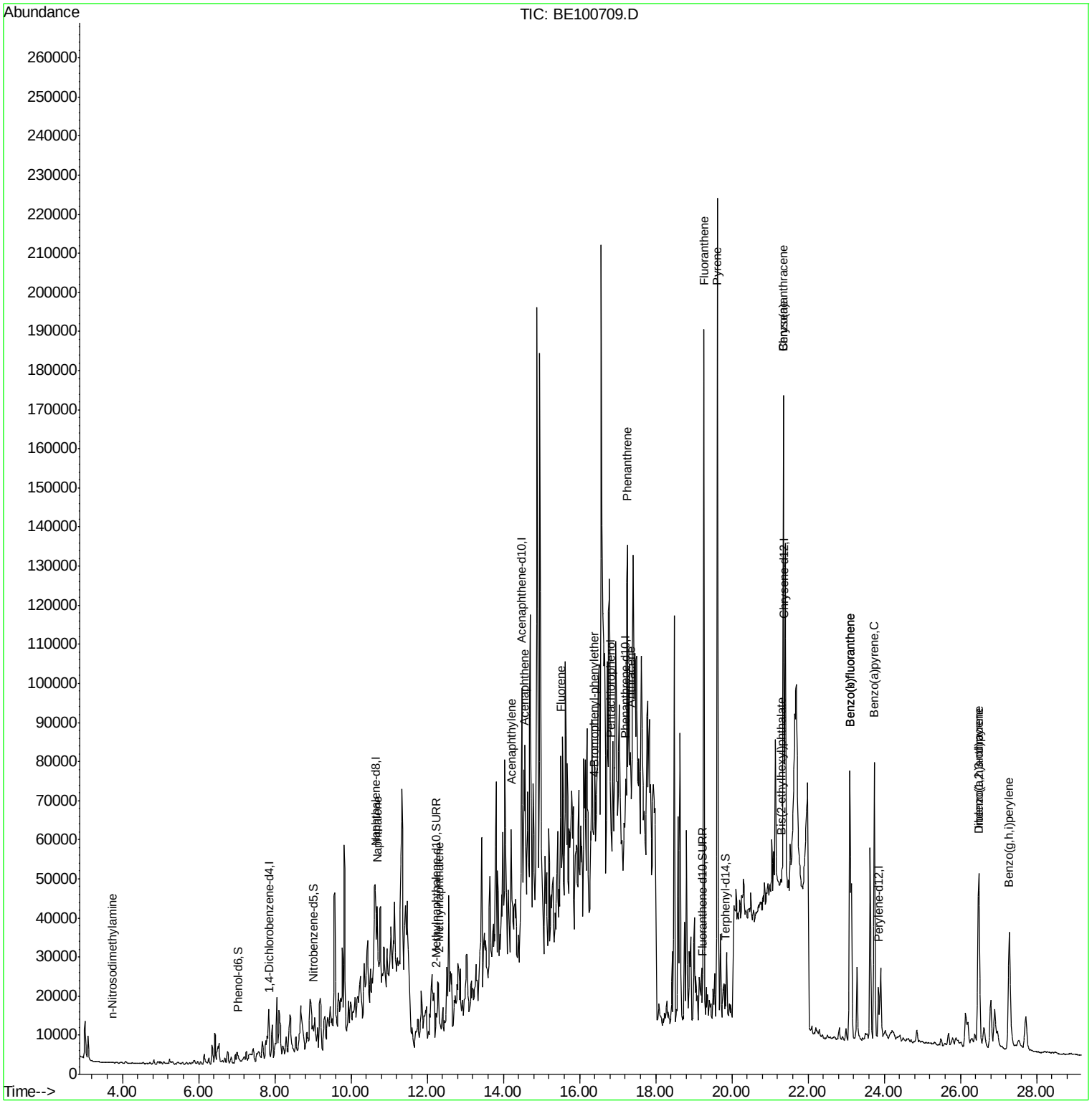
(#) = qualifier out of range (m) = manual integration (+) = signals summed

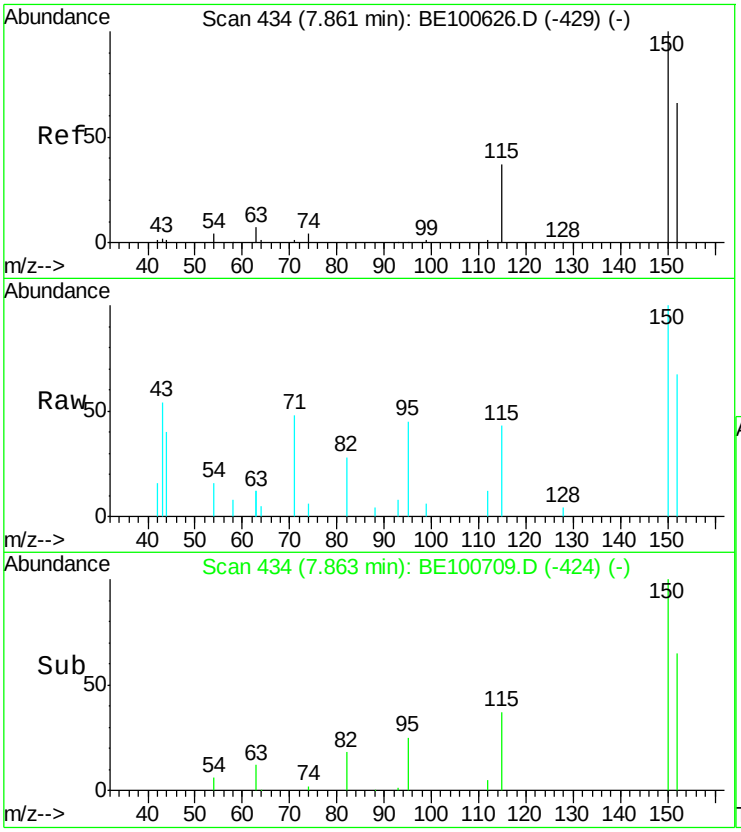
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110719\
Data File : BE100709.D
Acq On : 7 Nov 2019 19:49
Operator : JU
Sample : K5725-03DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Quant Time: Nov 08 06:22:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



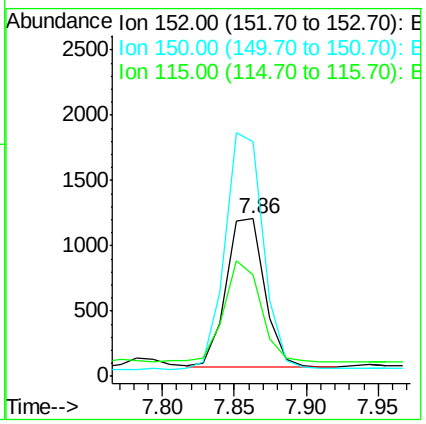


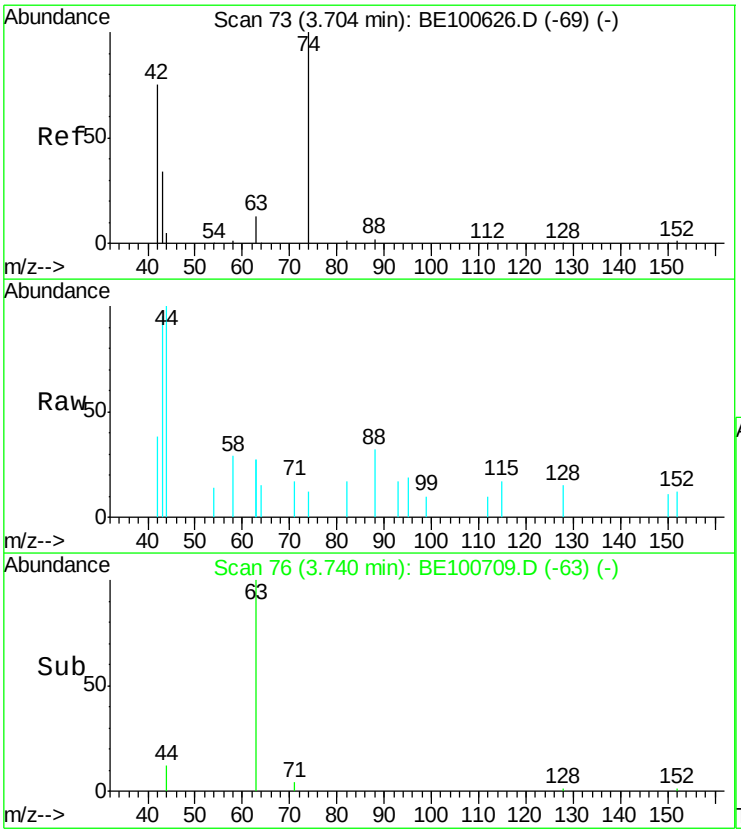
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:152 Resp: 2108

Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.3	184.9
115	64.7	51.9	77.9

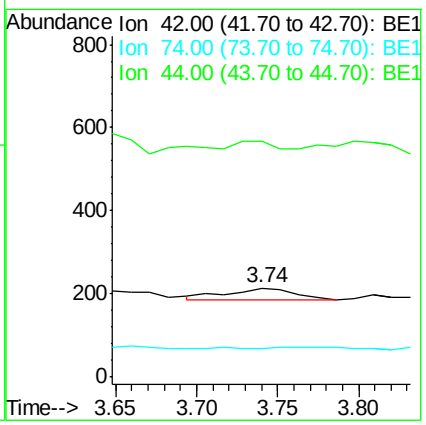


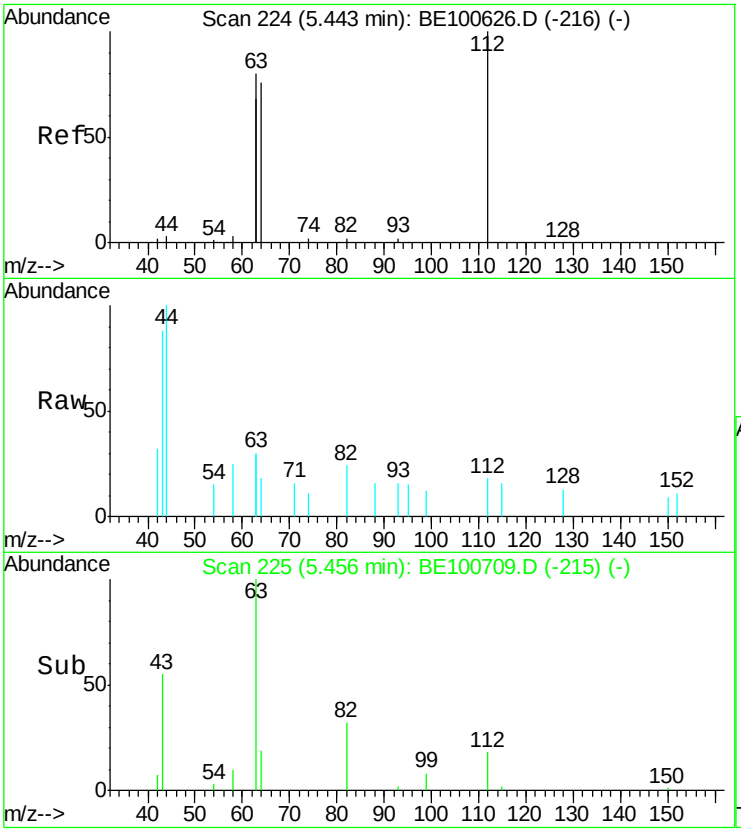


#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.74 min Scan# 76
Delta R.T. 0.05 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion: 42 Resp: 84

Ion	Ratio	Lower	Upper
42	100		
74	0.0	97.2	145.8#
44	129.8	16.6	24.8#



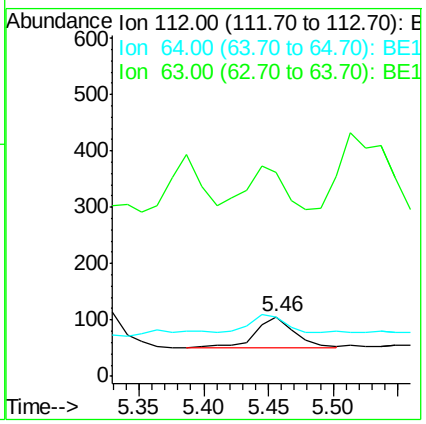


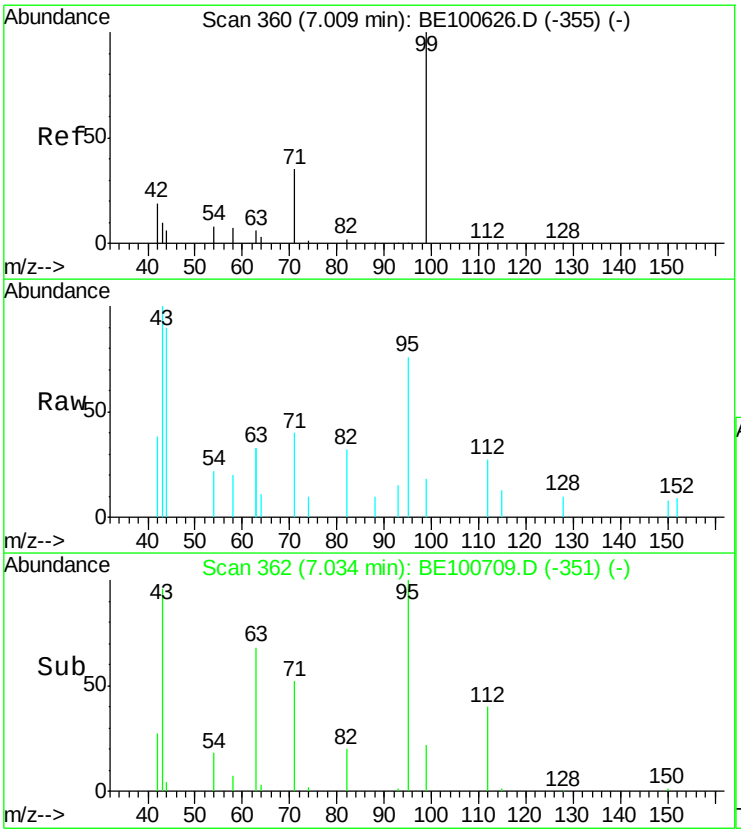
#4
2-Fluorophenol
Concen: 0.018 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:112 Resp: 115

Ion	Ratio	Lower	Upper
112	100		
64	48.7	55.4	83.2#
63	128.7	114.2	171.4

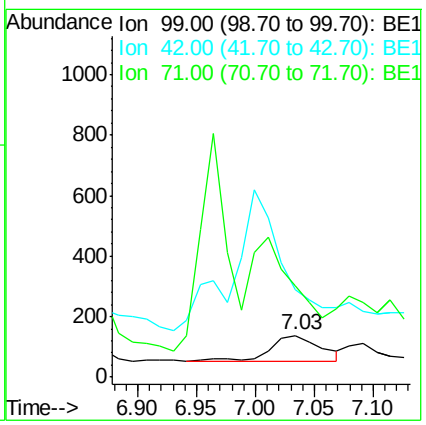


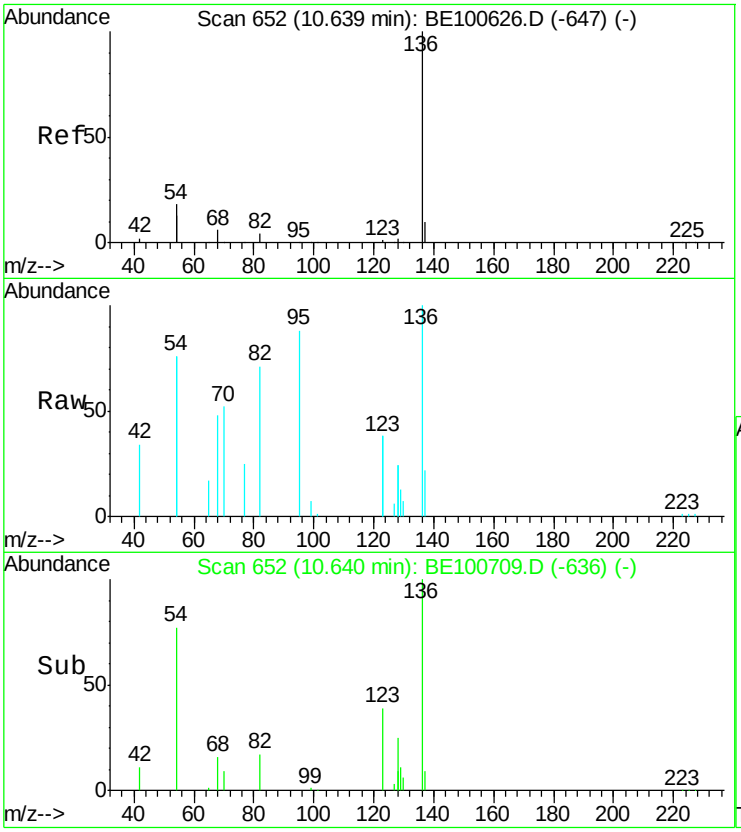


#5
Phenol-d6
Concen: 0.028 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.02 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion: 99 Resp: 256

Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.7	26.5#
71	0.0	27.4	41.0#



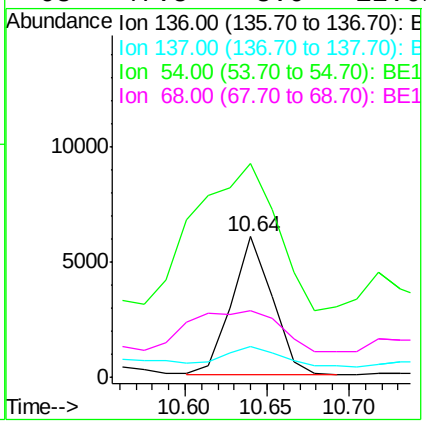


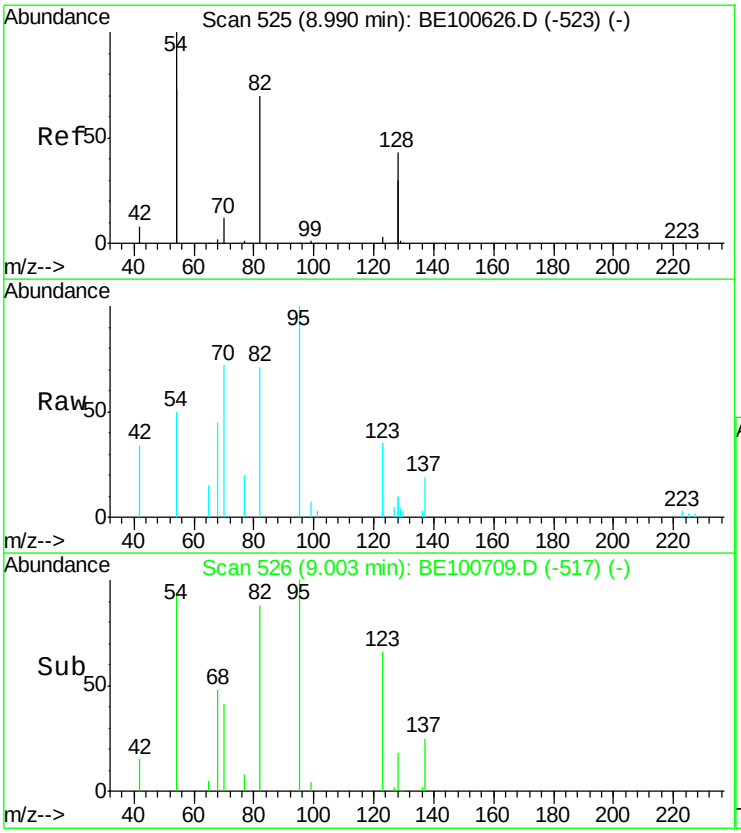
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:136 Resp: 10285

Ion	Ratio	Lower	Upper
136	100		
137	22.2	9.2	13.8#
54	151.7	39.4	59.2#
68	47.5	8.0	12.0#

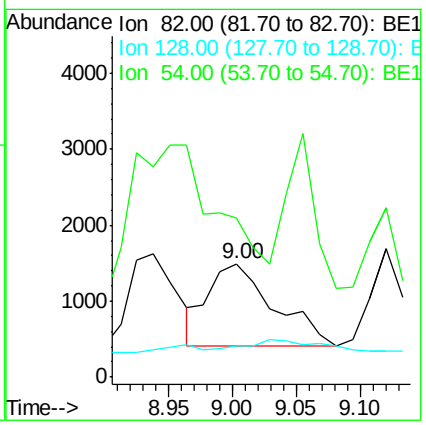


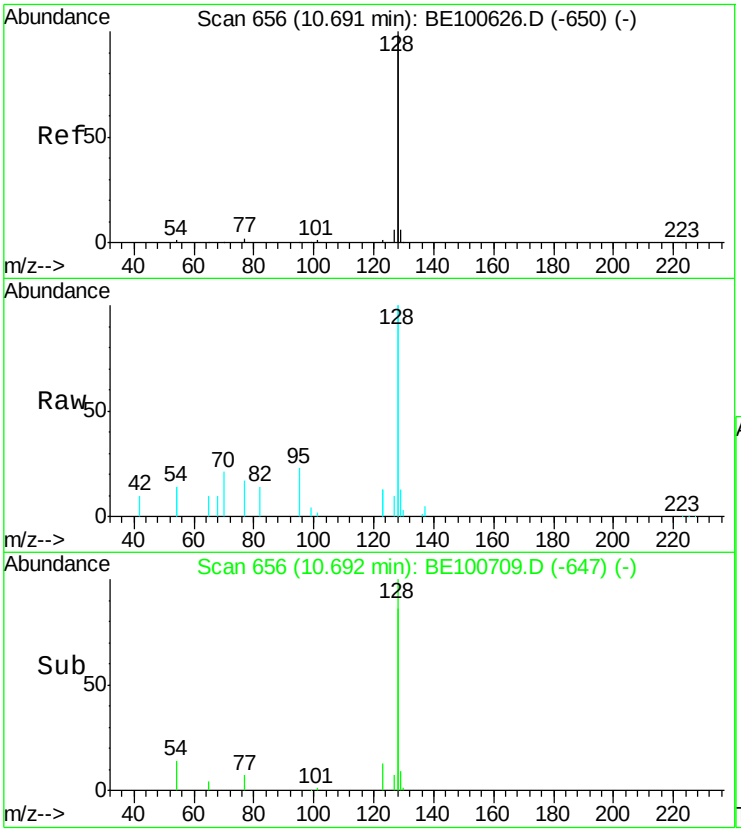


#8
Nitrobenzene-d5
Concen: 0.597 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion: 82 Resp: 3803

Ion	Ratio	Lower	Upper
82	100		
128	27.1	107.8	161.8#
54	140.8	166.1	249.1#



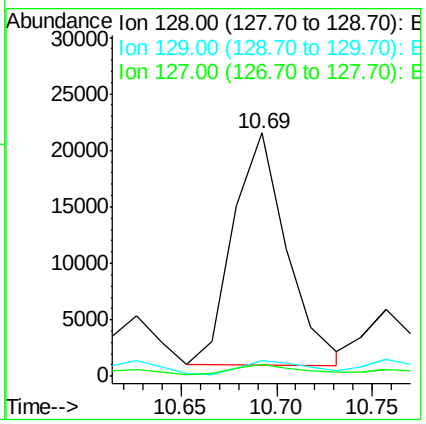


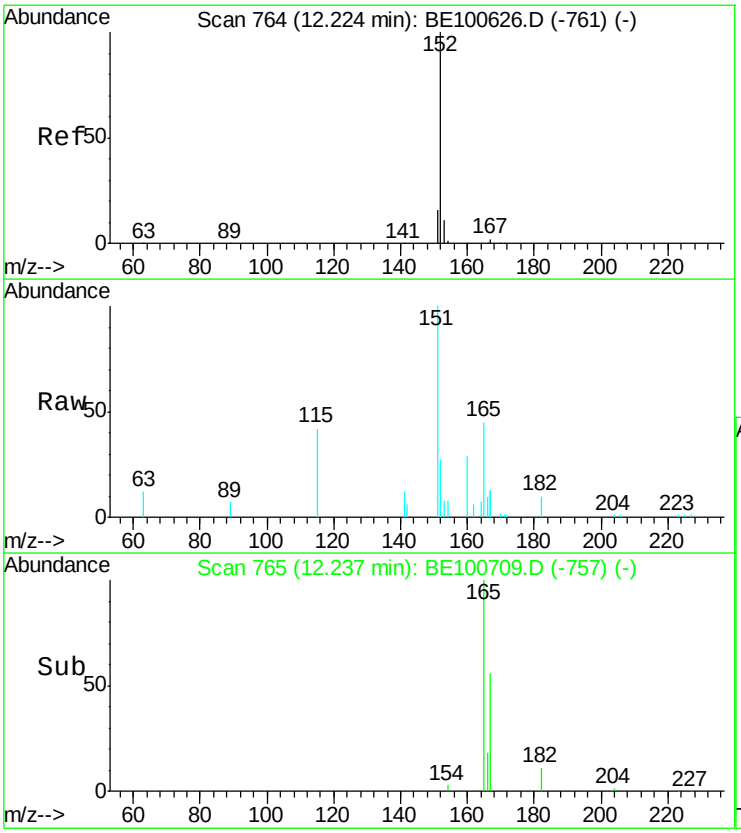
#9
Naphthalene
Concen: 0.371 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:128 Resp: 40087

Ion	Ratio	Lower	Upper
128	100		
129	6.3	2.3	3.5#
127	4.8	2.7	4.1#

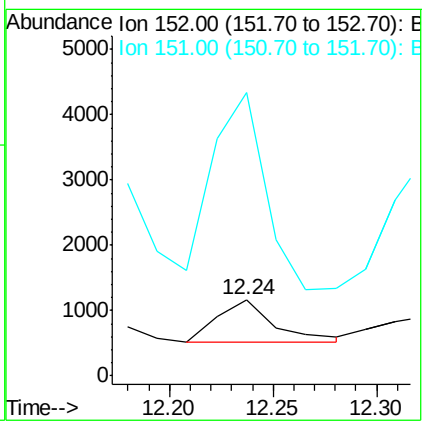


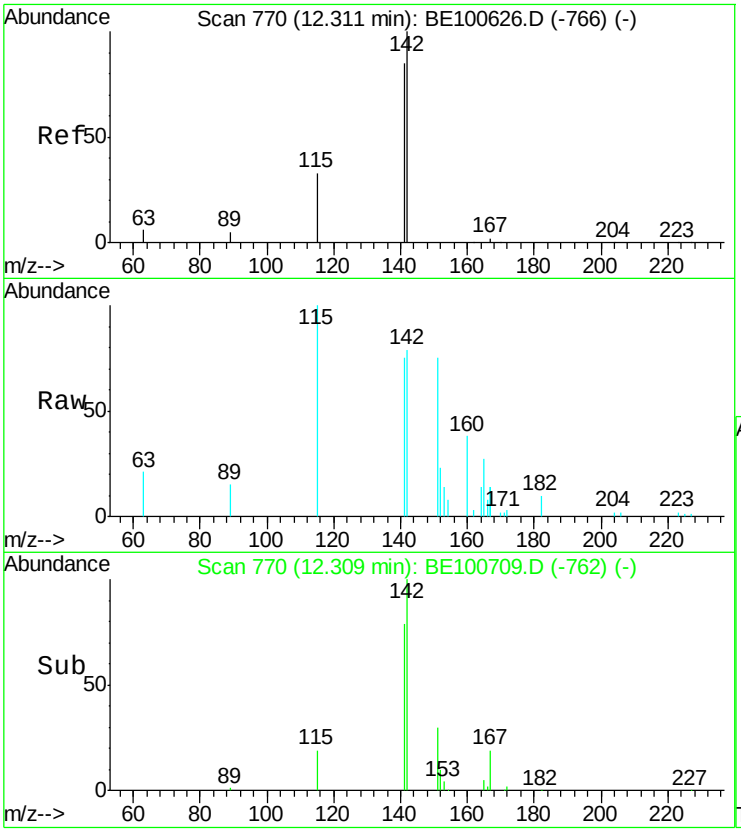


#11
2-Methylnaphthalene-d10
Concen: 0.079 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:152 Resp: 1286

Ion	Ratio	Lower	Upper
152	100		
151	409.4	14.7	22.1#



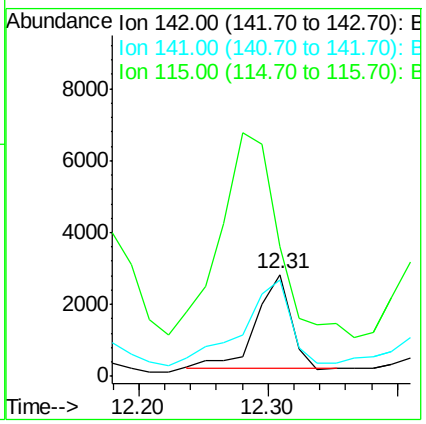


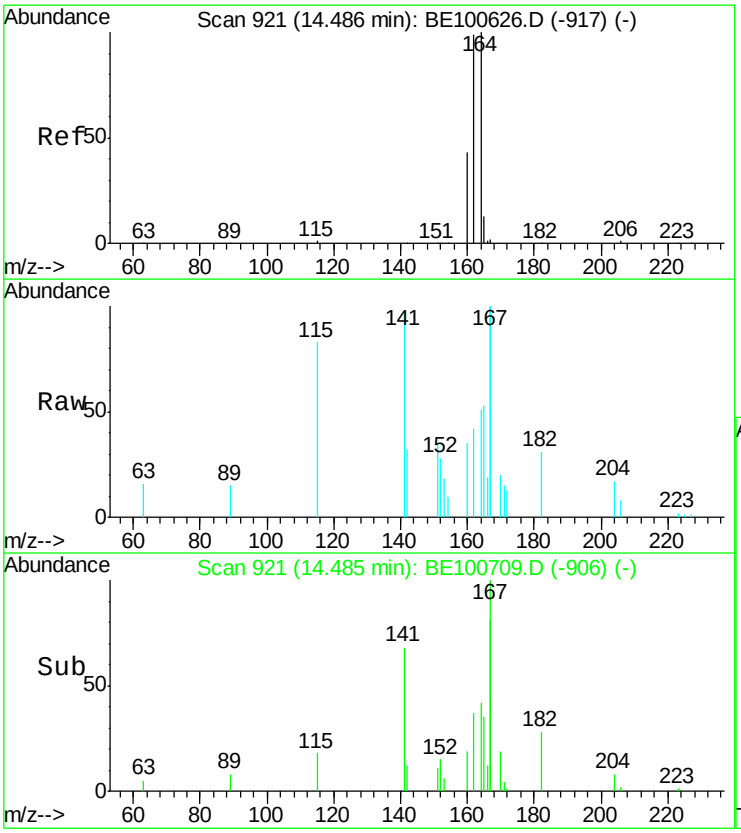
#12
2-Methylnaphthalene
Concen: 0.271 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:142 Resp: 4990

Ion	Ratio	Lower	Upper
142	100		
141	94.9	70.1	105.1
115	127.3	28.3	42.5#

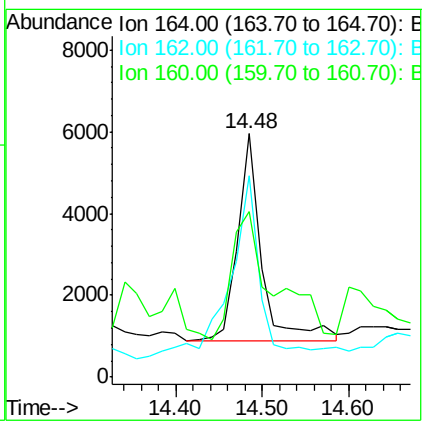


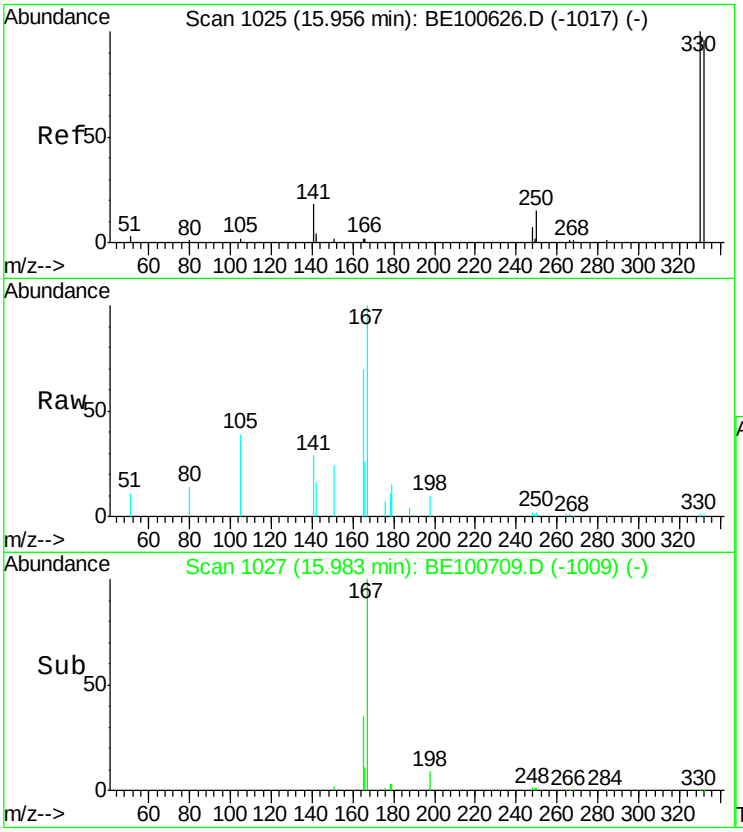


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:164 Resp: 9657

Ion	Ratio	Lower	Upper
164	100		
162	82.8	82.0	123.0
160	68.0	37.5	56.3#



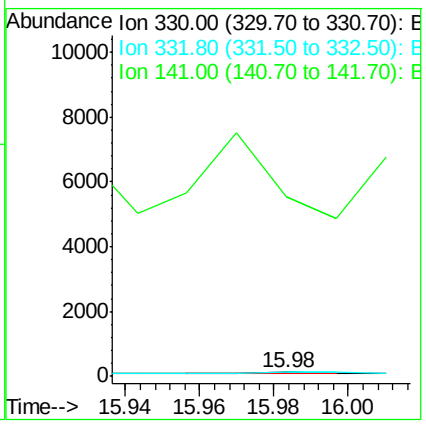


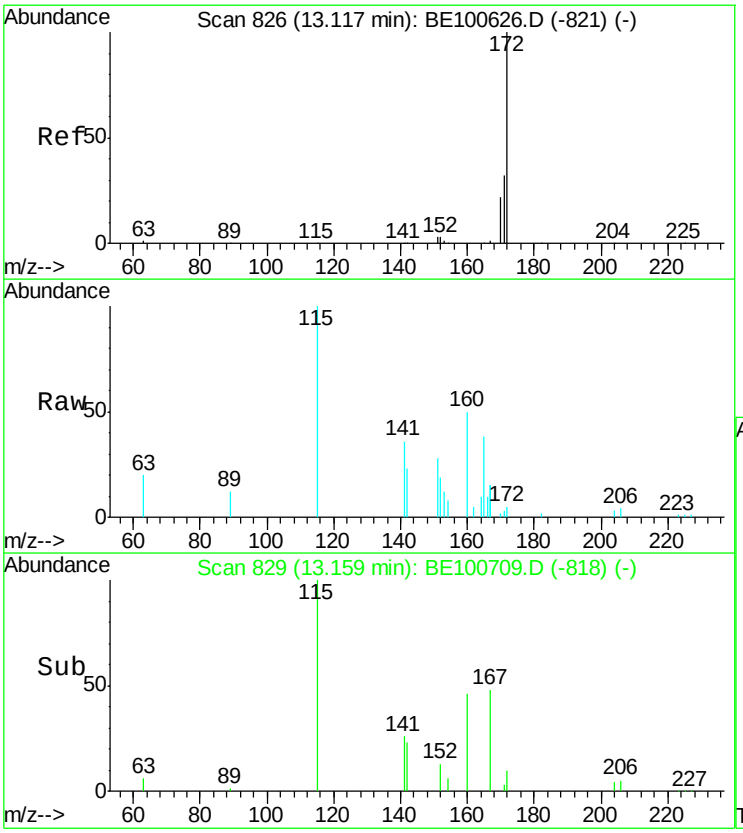
#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.04 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:330 Resp: 20

Ion	Ratio	Lower	Upper
330	100		
332	480.0	77.9	116.9#
141	16510.0	33.0	49.6#

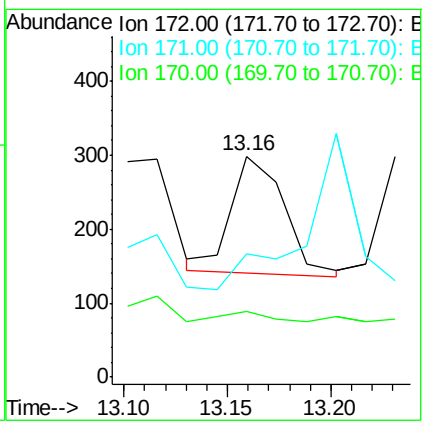


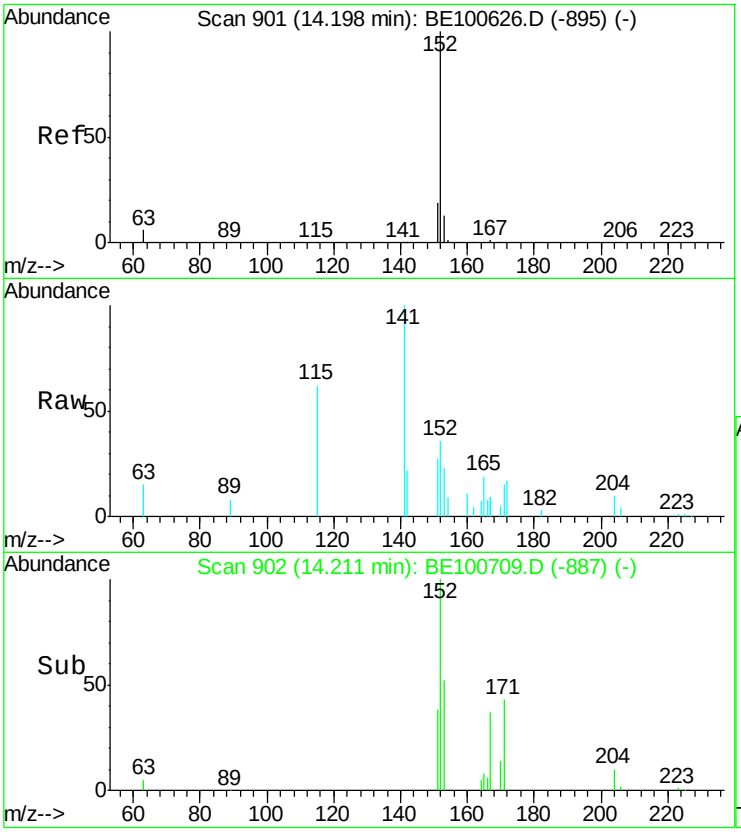


#15
2-Fluorobiphenyl
Concen: 0.008 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.06 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:172 Resp: 282

Ion	Ratio	Lower	Upper
172	100		
171	55.5	26.5	39.7#
170	29.8	19.0	28.4#



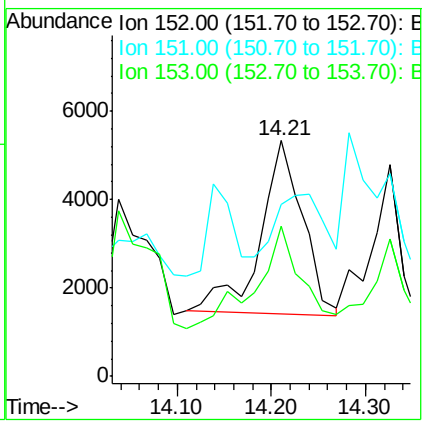


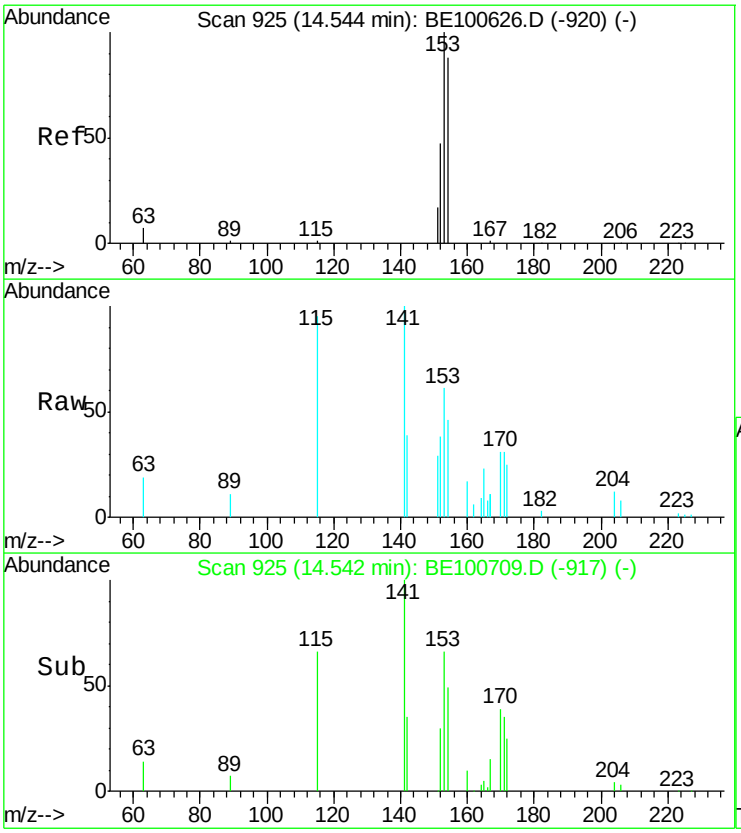
#16
Acenaphthylene
Concen: 0.293 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:152 Resp: 12162

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.2	22.8#
153	66.6	10.3	15.5#

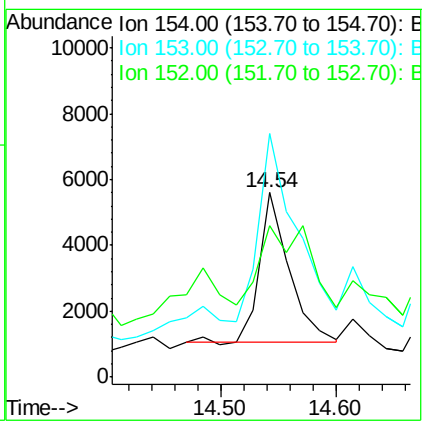


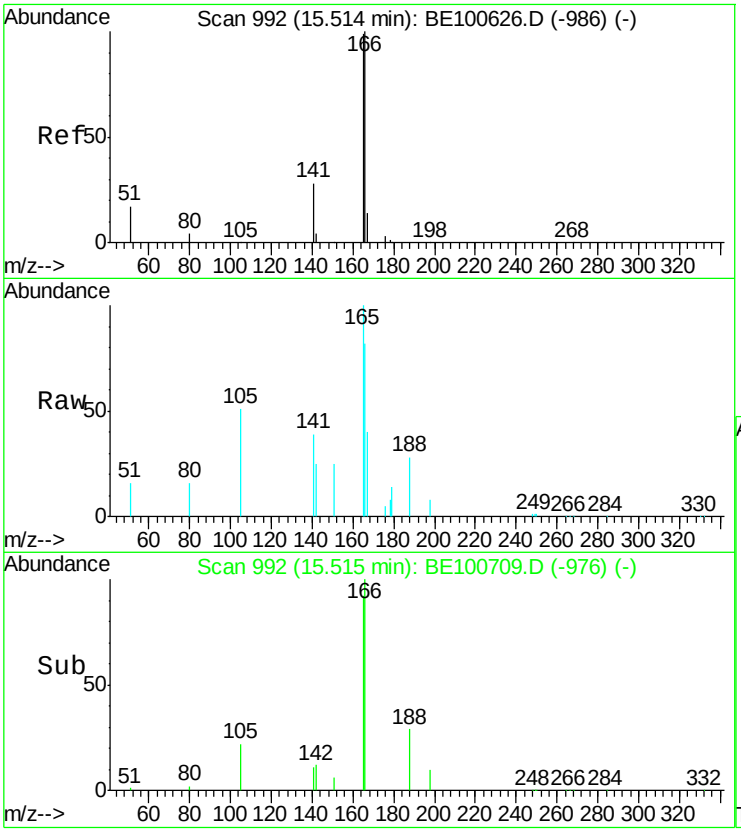


#17
Acenaphthene
Concen: 0.301 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:154 Resp: 8072

Ion	Ratio	Lower	Upper
154	100		
153	154.6	89.4	134.2#
152	88.5	44.1	66.1#



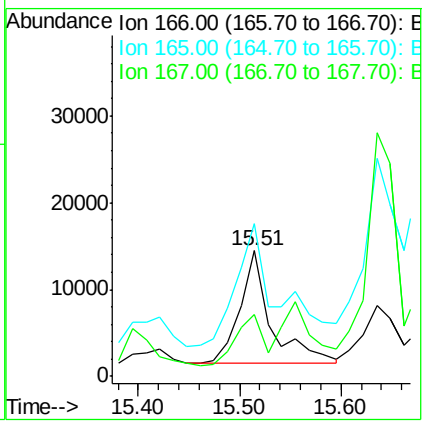


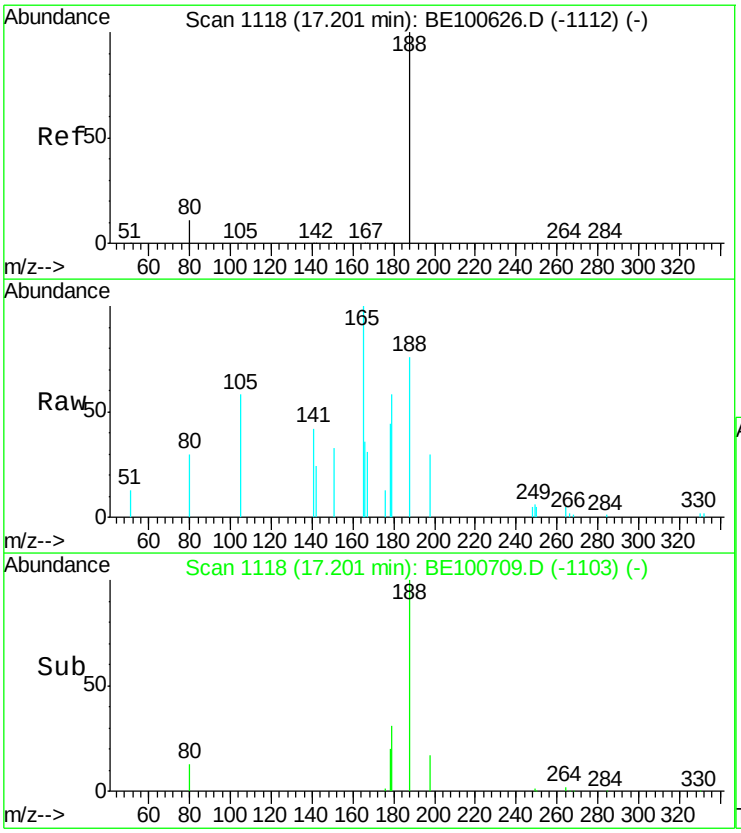
#18
Fluorene
Concen: 0.781 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:166 Resp: 27866

Ion	Ratio	Lower	Upper
166	100		
165	154.4	78.6	117.8#
167	39.7	10.9	16.3#

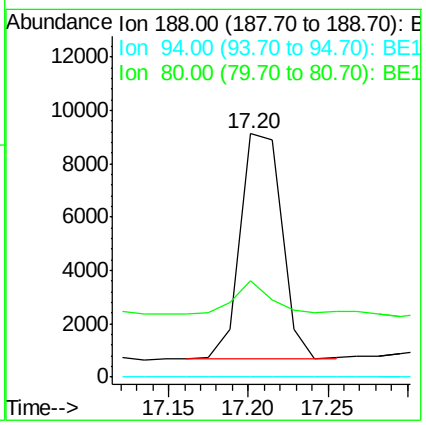


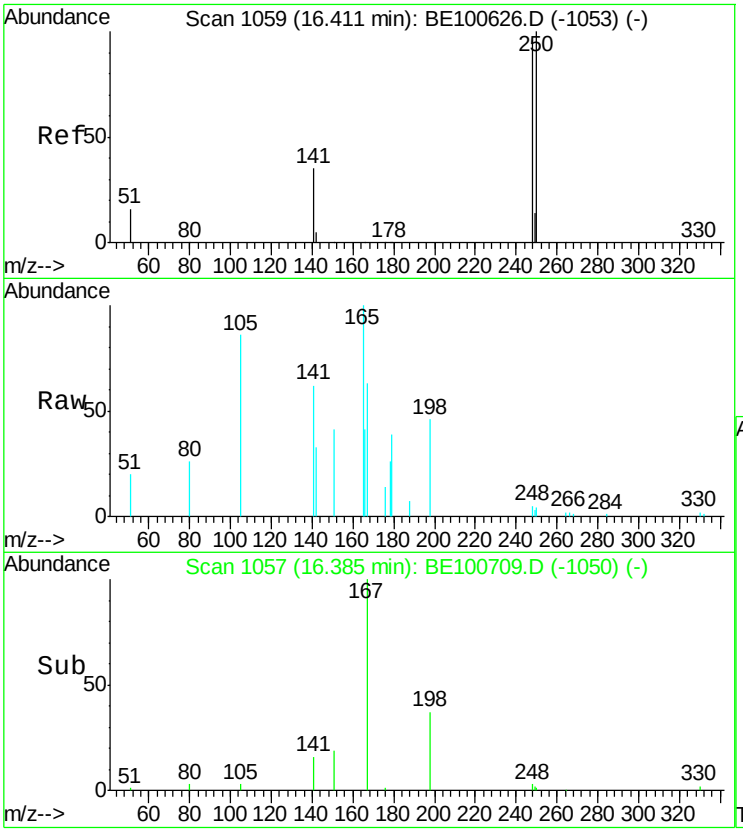


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:188 Resp: 15143

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	39.6	5.4	8.0#



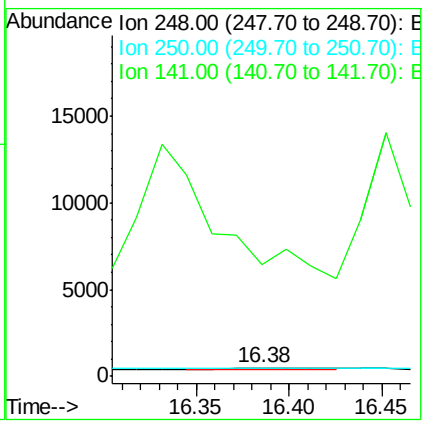


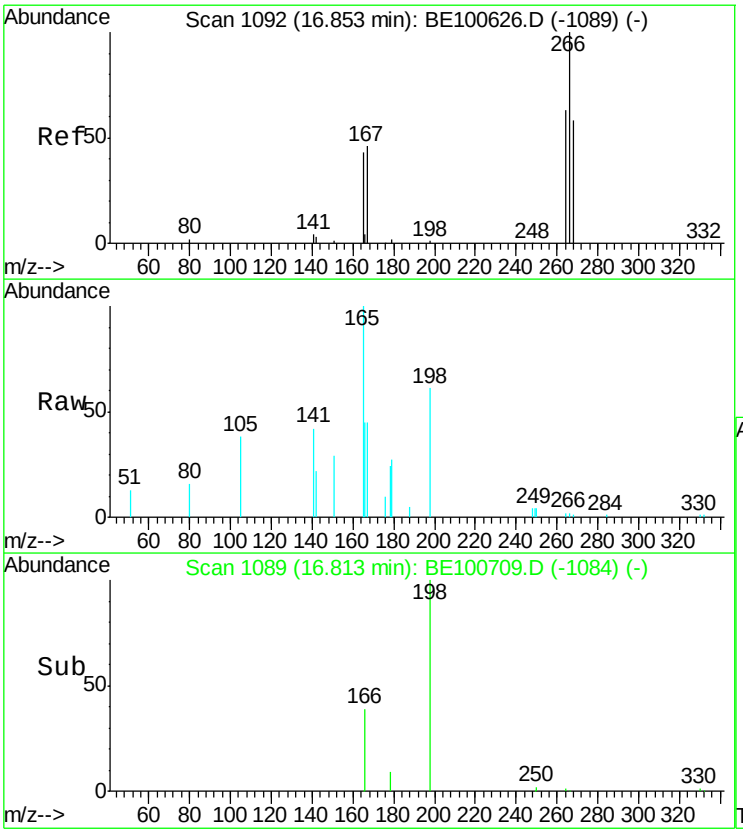
#20
4-Bromophenyl-phenylether
Concen: 0.040 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:248 Resp: 307

Ion	Ratio	Lower	Upper
248	100		
250	89.8	76.3	114.5
141	1305.7	37.3	55.9#

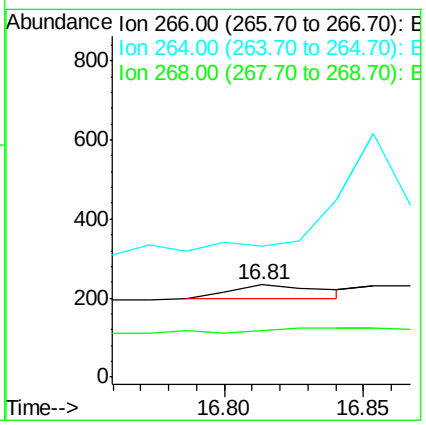


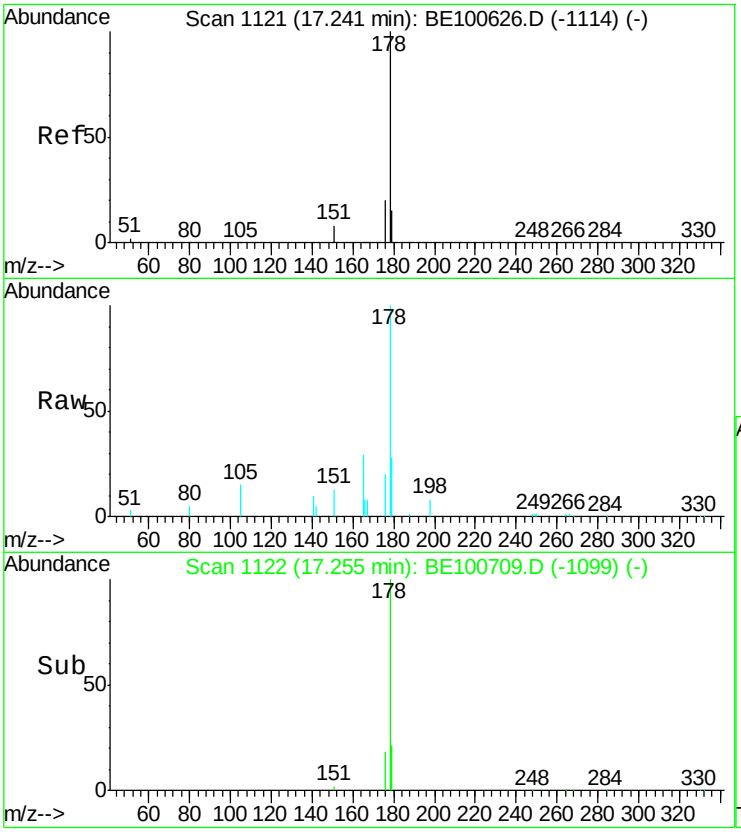


#22
Pentachlorophenol
Concen: 0.035 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:266 Resp: 83

Ion	Ratio	Lower	Upper
266	100		
264	141.9	52.2	78.4#
268	50.0	53.1	79.7#



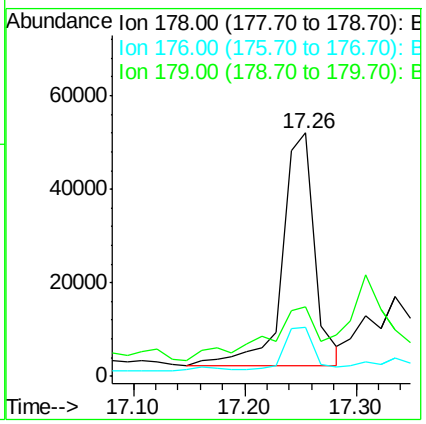


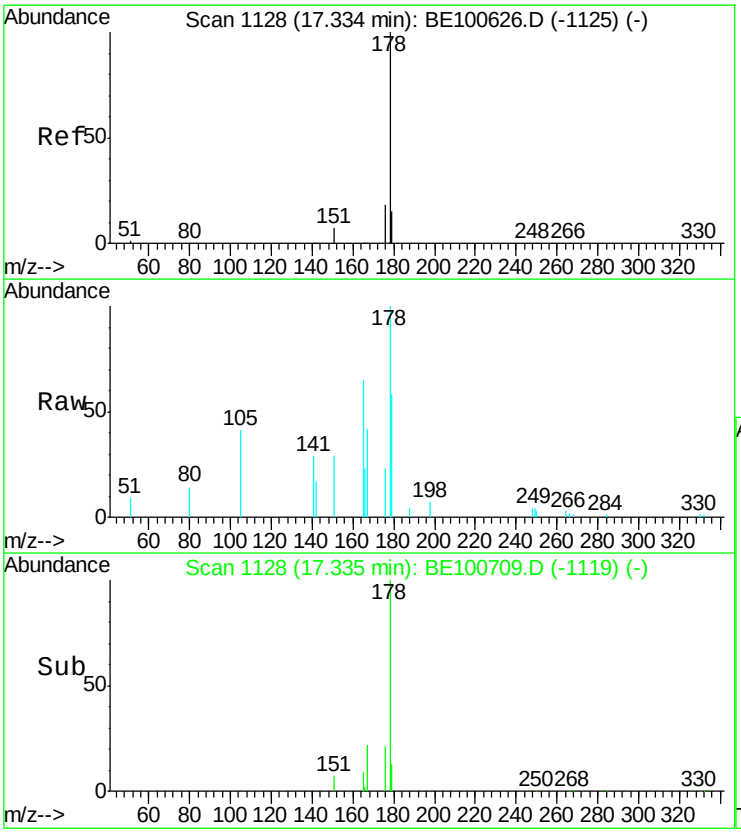
#23
Phenanthrene
Concen: 2.421 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:178 Resp: 100828

Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.2	22.8
179	35.5	12.1	18.1#

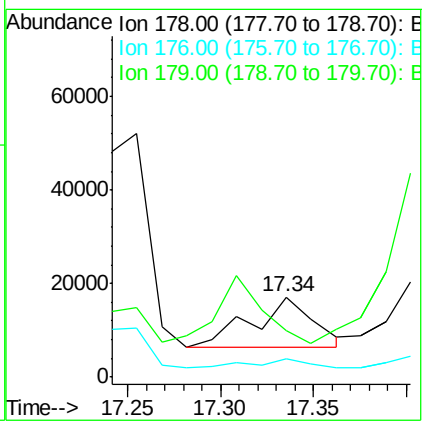


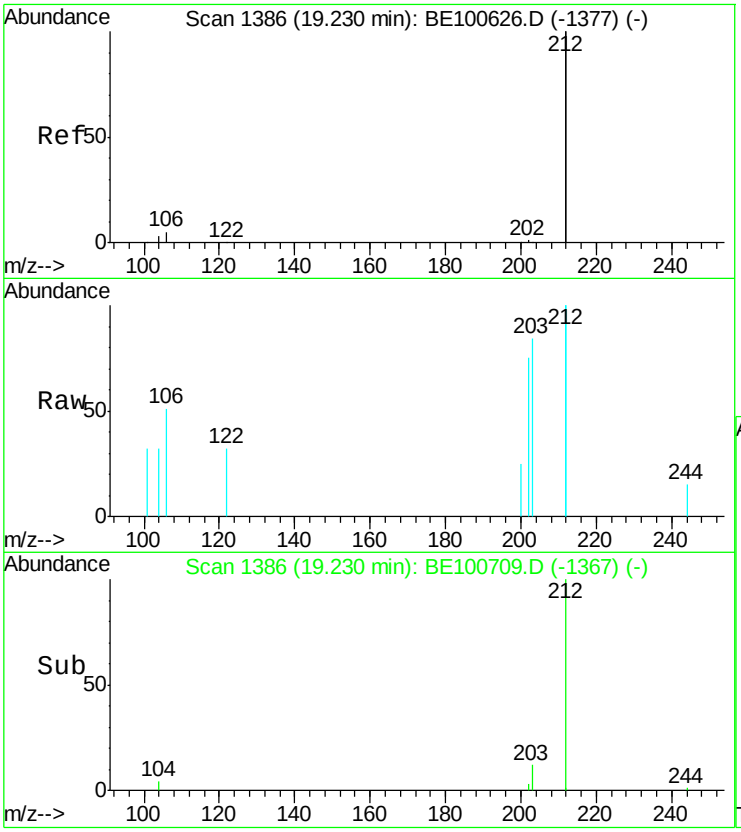


#24
Anthracene
Concen: 0.635 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:178 Resp: 24553

Ion	Ratio	Lower	Upper
178	100		
176	14.7	15.0	22.4#
179	0.0	12.5	18.7#



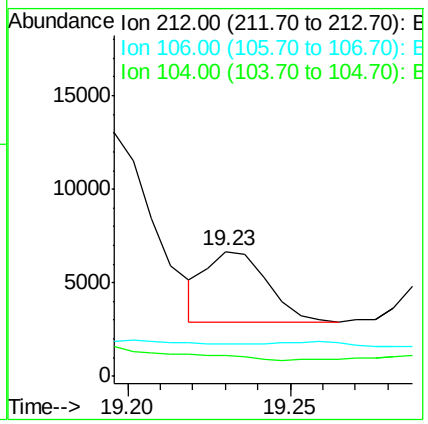


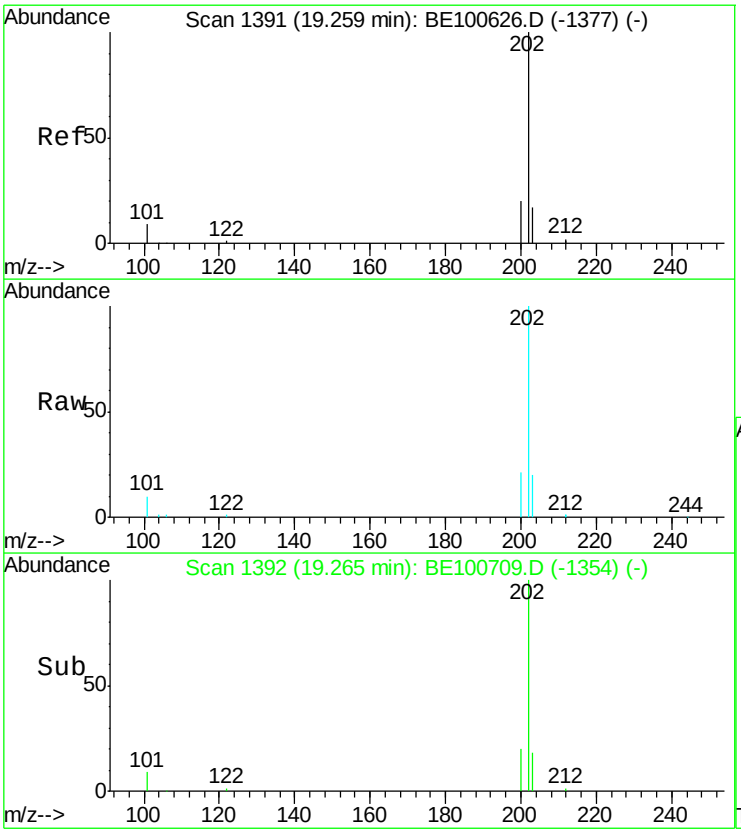
#25
Fluoranthene-d10
Concen: 0.025 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:212 Resp: 4827

Ion	Ratio	Lower	Upper
212	100		
106	0.0	2.3	3.5#
104	0.0	1.3	1.9#

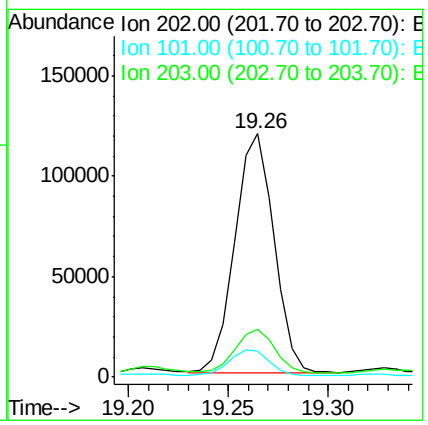


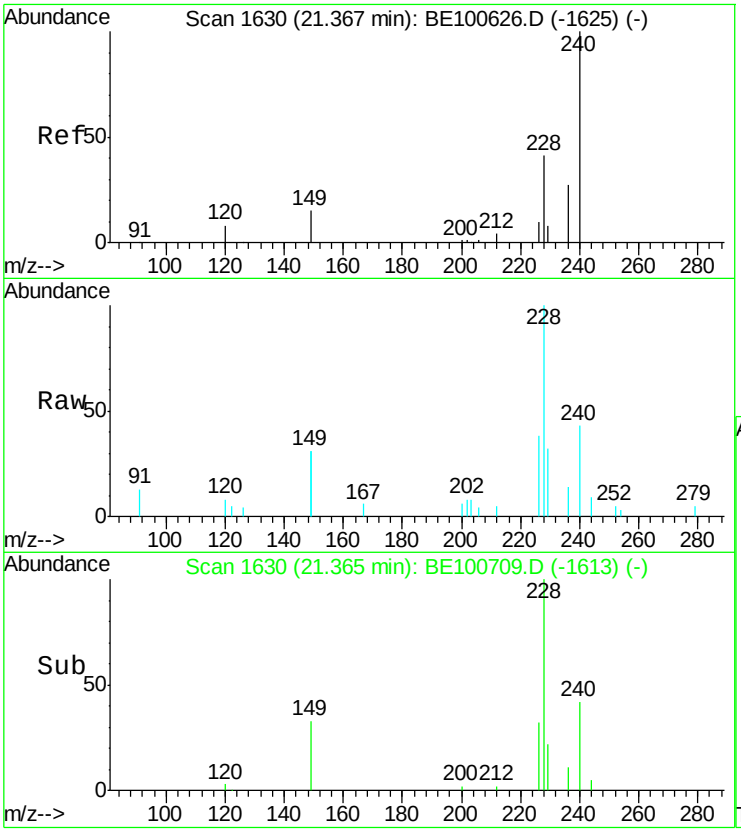


#26
Fluoranthene
Concen: 2.950 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:202 Resp: 160376

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
203	18.0	13.8	20.8



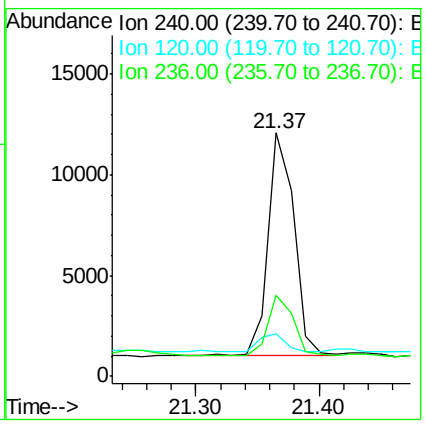


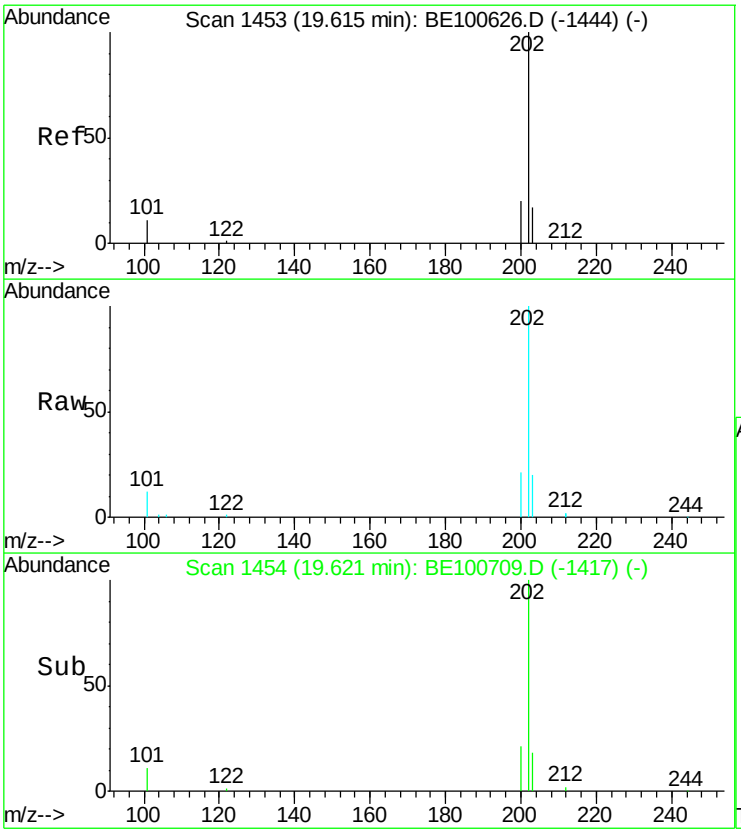
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:240 Resp: 16465

Ion	Ratio	Lower	Upper
240	100		
120	17.7	7.6	11.4#
236	33.4	22.1	33.1#

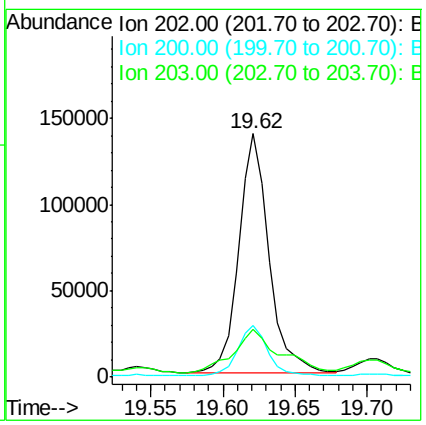


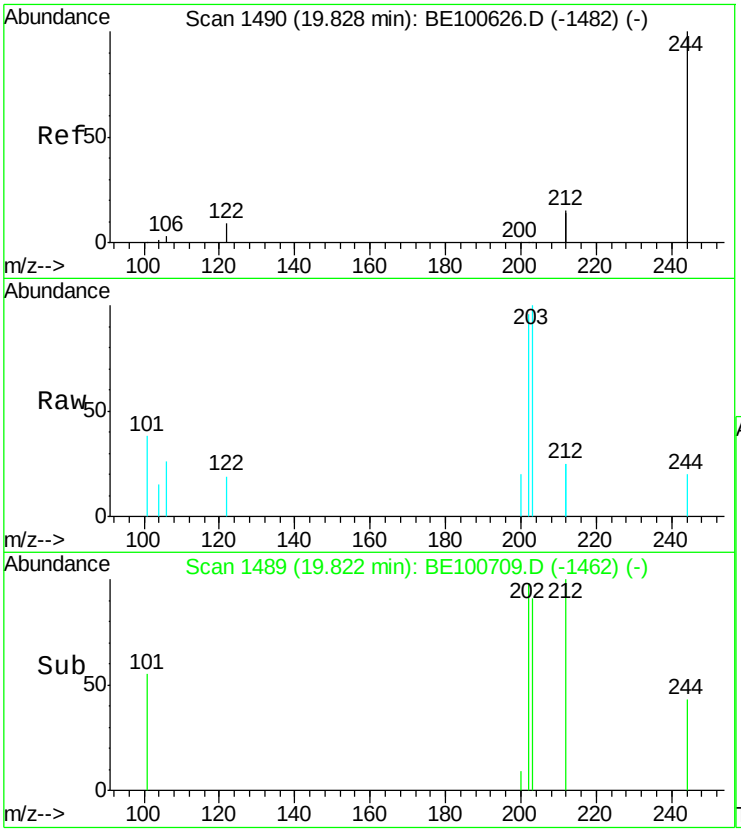


#28
Pyrene
Concen: 4.364 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:202 Resp: 200764

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	27.1	14.0	21.0#



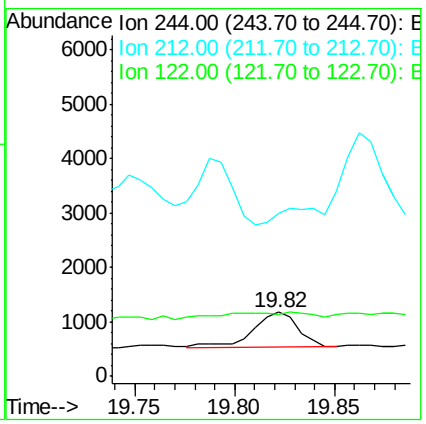


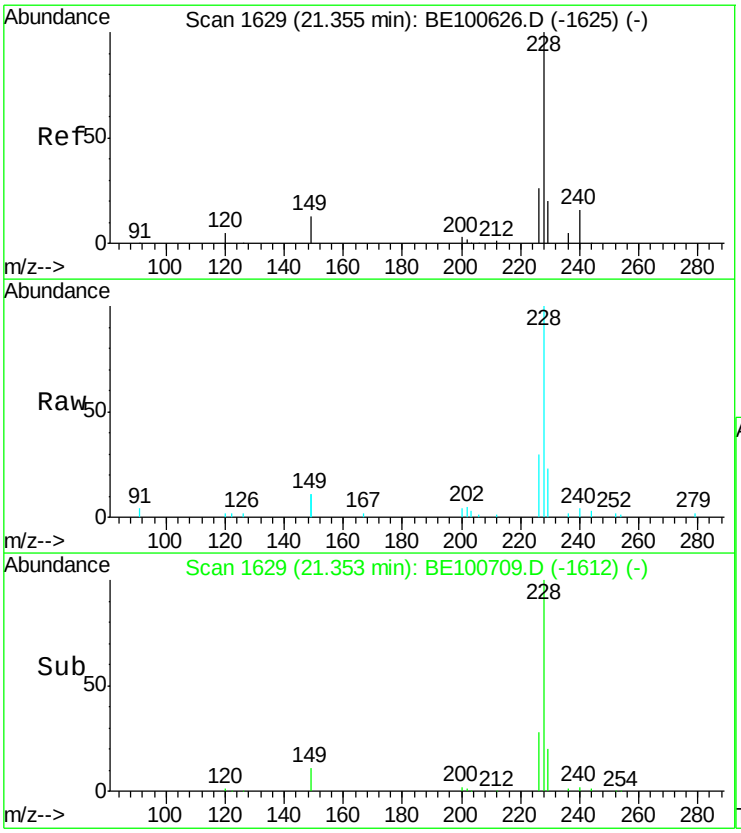
#29
Terphenyl-d14
Concen: 0.029 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:244 Resp: 1038

Ion	Ratio	Lower	Upper
244	100		
212	254.3	23.7	35.5#
122	96.5	7.9	11.9#

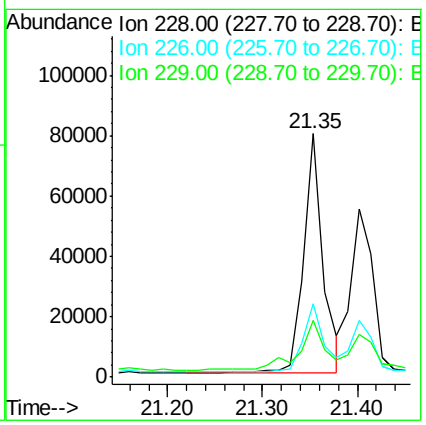


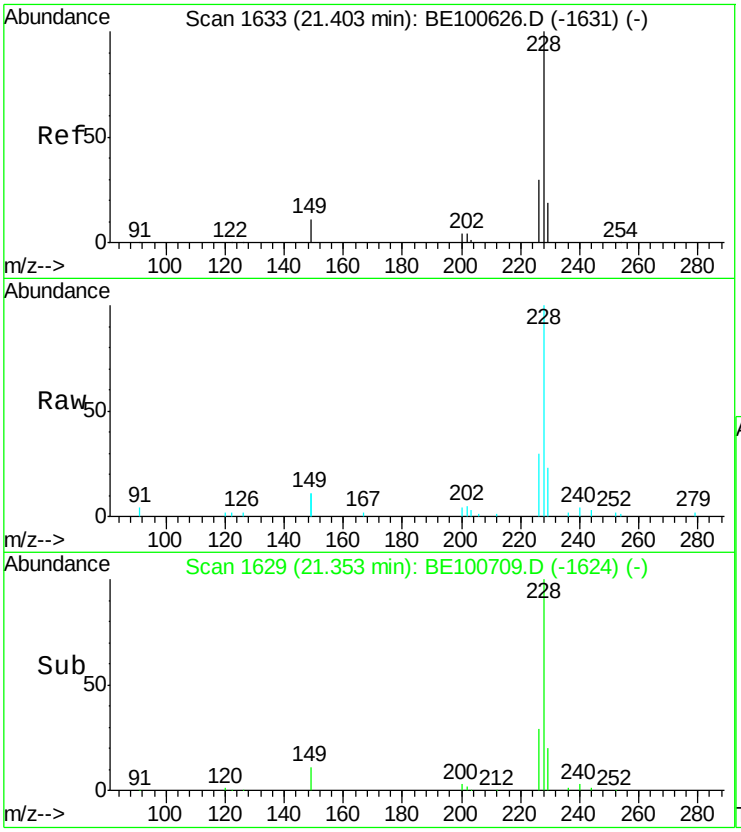


#30
Benzo(a)anthracene
Concen: 2.074 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:228 Resp: 111375

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.4	32.0
229	23.3	16.0	24.0



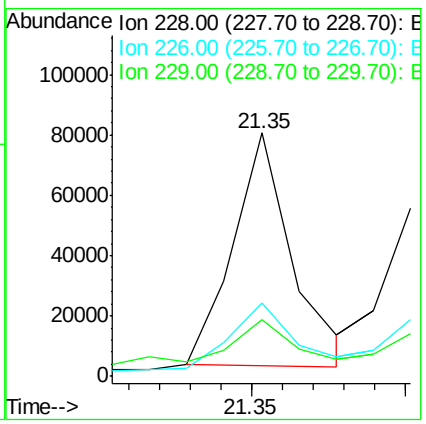


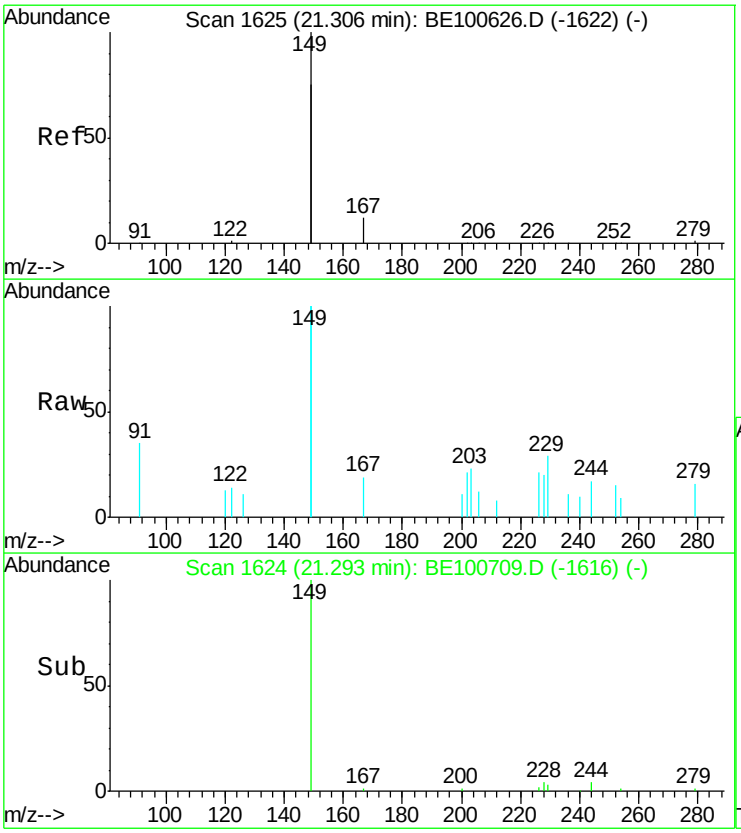
#31
Chrysene
Concen: 1.892 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.04 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:228 Resp: 101575

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	23.3	15.8	23.8

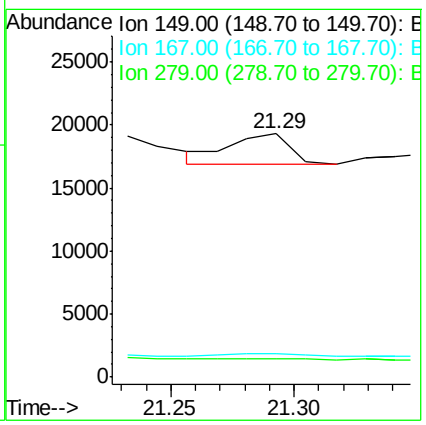


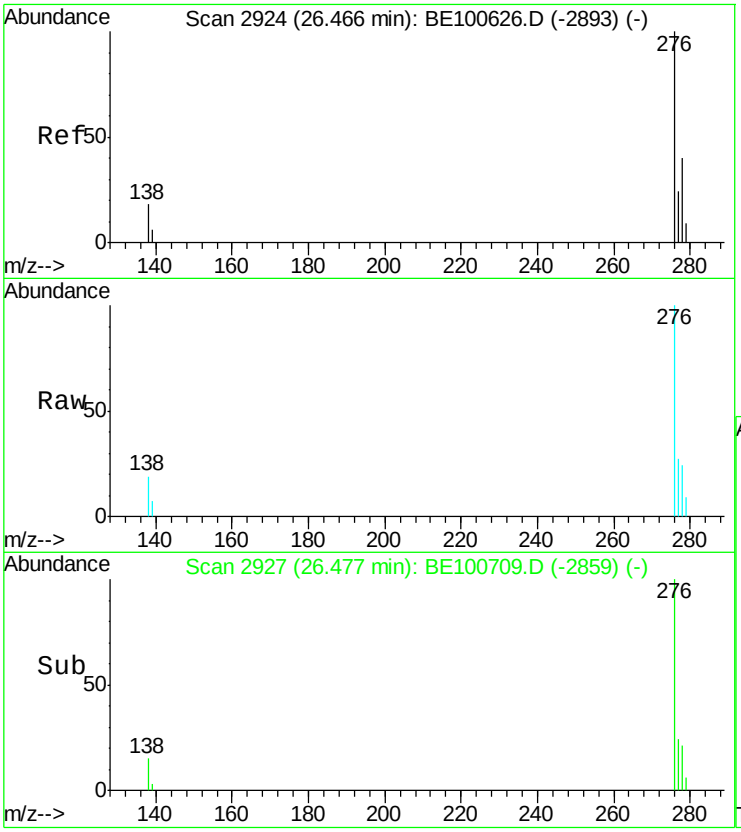


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.036 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:149 Resp: 4053

Ion	Ratio	Lower	Upper
149	100		
167	13.3	5.5	8.3#
279	0.0	0.9	1.3#



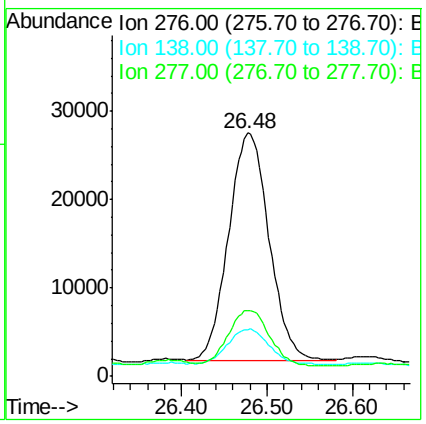


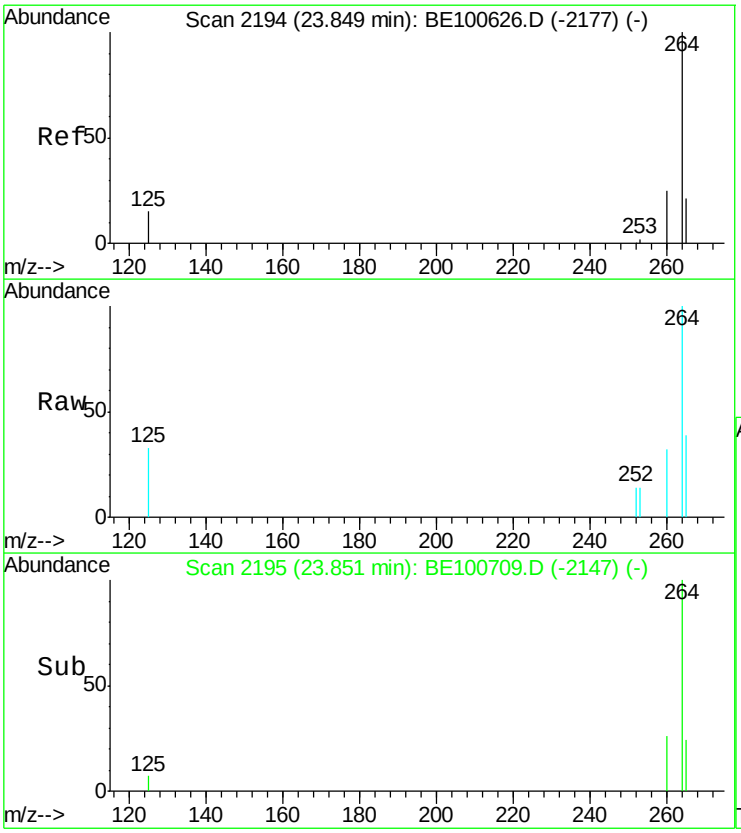
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.284 ng
RT: 26.48 min Scan# 2927
Delta R.T. 0.04 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:276 Resp: 84711

Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.3	22.9
277	25.0	19.4	29.2

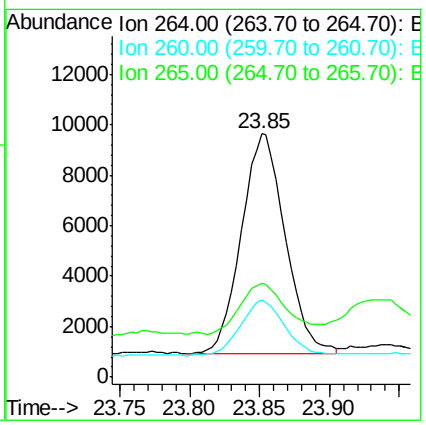


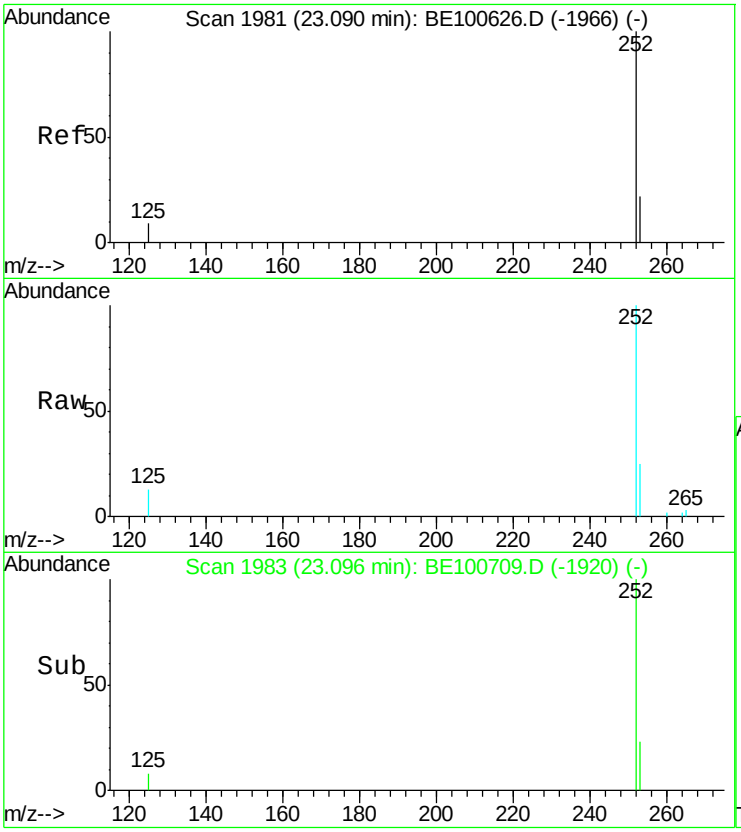


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:264 Resp: 19119

Ion	Ratio	Lower	Upper
264	100		
260	31.7	19.4	29.2#
265	38.6	21.7	32.5#



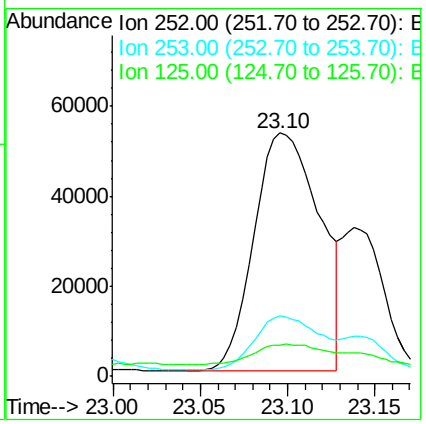


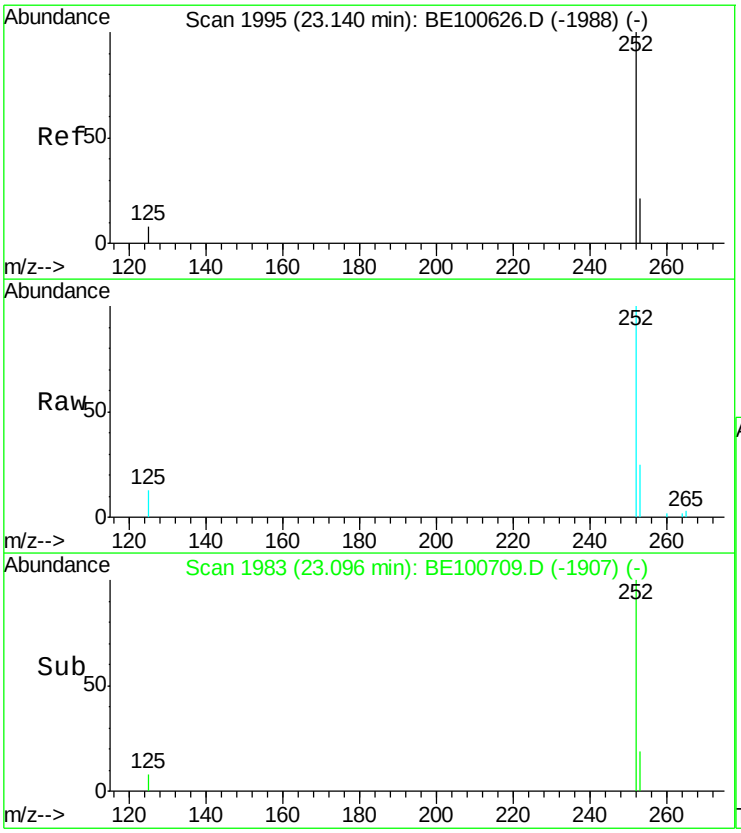
#35
Benzo(b)fluoranthene
Concen: 2.481 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.02 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:252 Resp: 138298

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	13.0	7.6	11.4#

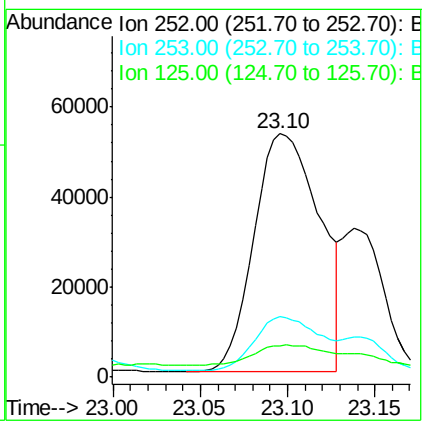


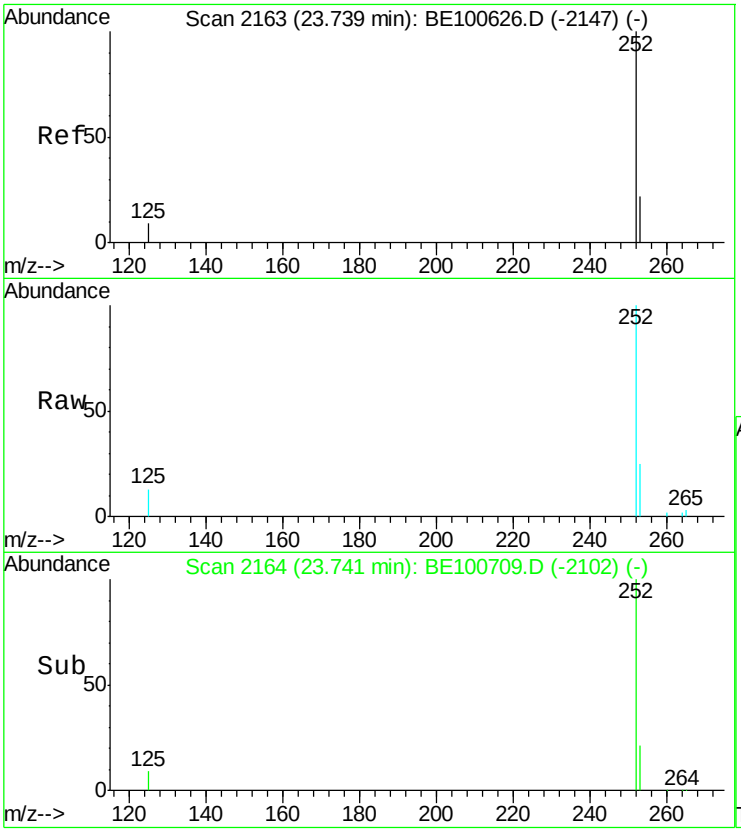


#36
Benzo(k)fluoranthene
Concen: 2.412 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:252 Resp: 138298

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	13.0	11.6	17.4



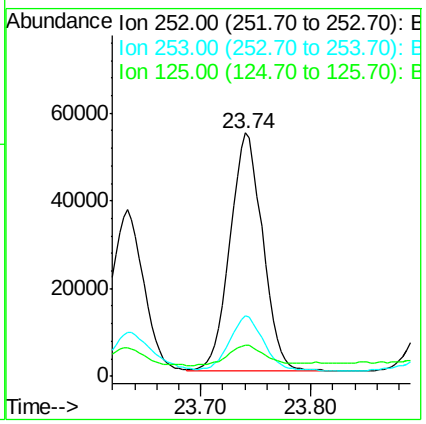


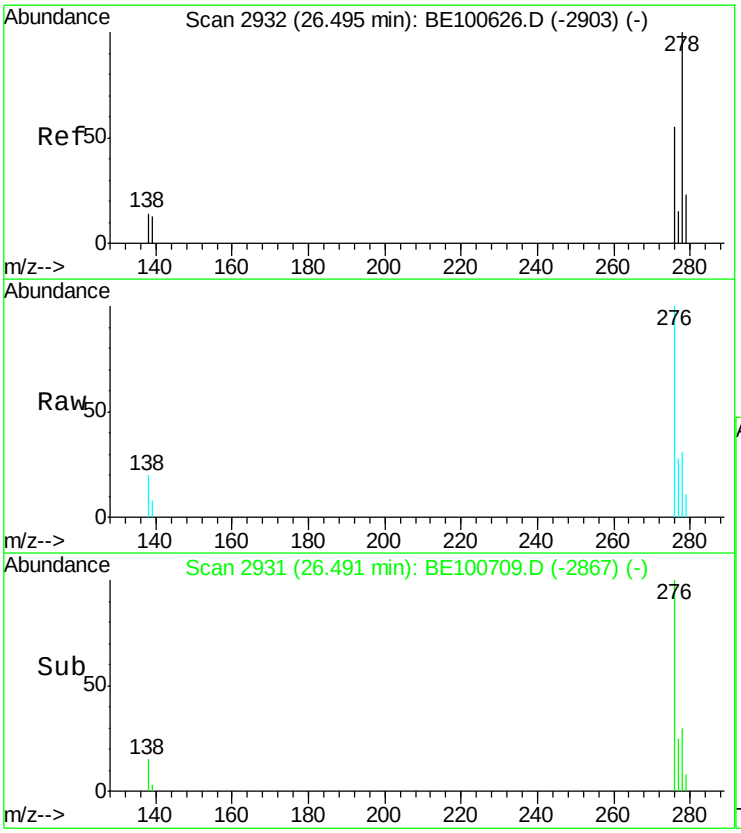
#37
Benzo(a)pyrene
Concen: 2.141 ng
RT: 23.74 min Scan# 2164
Delta R.T. 0.02 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:252 Resp: 111120

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	13.0	8.2	12.4#

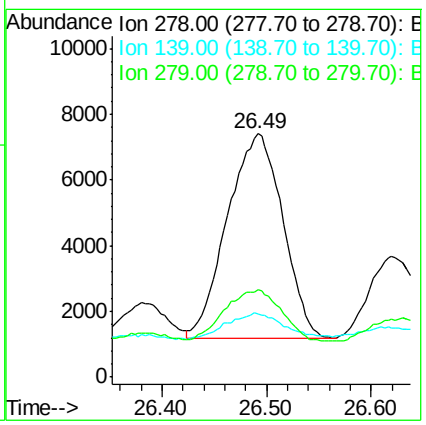


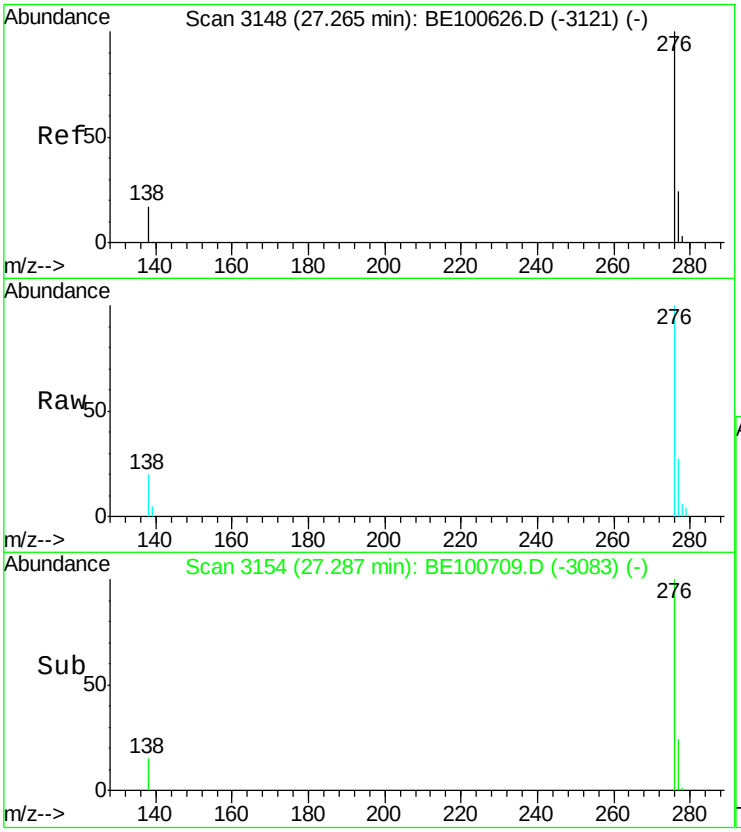


#38
Dibenzo(a,h)anthracene
Concen: 0.430 ng
RT: 26.49 min Scan# 2931
Delta R.T. 0.03 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Tgt Ion:278 Resp: 23083

Ion	Ratio	Lower	Upper
278	100		
139	25.8	10.9	16.3#
279	36.1	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.518 ng
RT: 27.29 min Scan# 3154
Delta R.T. 0.05 min
Lab File: BE100709.D
Acq: 7 Nov 2019 19:49

Instrument :
BNA_E
ClientSampleId :
SO-3DL

Tgt Ion:276 Resp: 81911

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.4	29.0
138	19.8	13.6	20.4