Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110719\
Data File : BE100708.D
Acq On : 7 Nov 2019 19:13
Operator : JU
Sample : K5725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SO-4

Quant Time: Nov 08 06:22:36 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	7.85	152	2559	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	13884	0.40	ng		0.01
13) Acenaphthene-d10	14.50	164	25100	0.40	ng		0.03
19) Phenanthrene-d10	17.23	188	15772	0.40	ng		0.03
27) Chrysene-d12	21.39	240	21477	0.40	ng		0.04
34) Perylene-d12	23.88	264	28380	0.40	ng		0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	2134	0.27	ng		0.01
5) Phenol-d6	7.02	99	3729	0.33	ng		0.01
8) Nitrobenzene-d5	9.00	82	29826	3.47	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	12580	0.57	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	1004	0.15	ng		0.04
15) 2-Fluorobiphenyl	13.12	172	7818	0.09	ng		0.01
25) Fluoranthene-d10	19.24	212	113999	0.56	ng		0.02
29) Terphenyl-d14	19.83	244	18525	0.39	ng		0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.68	42	130	0.027	ng	#	1
6) bis(2-Chloroethyl)ether	7.25	93	779	0.085	ng	#	1
9) Naphthalene	10.69	128	1823379	12.489	ng	#	99
12) 2-Methylnaphthalene	12.31	142	531959	21.376	ng	#	90
16) Acenaphthylene	14.21	152	375724	3.479	ng	#	69
17) Acenaphthene	14.56	154	188675	2.703	ng	#	68
18) Fluorene	15.53	166	335519	3.619	ng	#	64
20) 4-Bromophenyl-phenylether	16.41	248	1270	0.158	ng	#	1
22) Pentachlorophenol	16.84	266	707	0.287	ng	#	10
23) Phenanthrene	17.27	178	2537056	58.482	ng	#	93
24) Anthracene	17.36	178	646465	16.060	ng	#	81
26) Fluoranthene	19.31	202	4854194	85.732	ng		96
28) Pyrene	19.65	202	4922998	82.045	ng	#	88
30) Benzo(a)anthracene	21.37	228	3192342	45.567	ng		92
31) Chrysene	21.37	228	1759729	25.134	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	453597	3.095	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	3414394	39.679	ng	#	96
35) Benzo(b)fluoranthene	23.13	252	4934225	59.626	ng		98
36) Benzo(k)fluoranthene	23.13	252	4934225	57.976	ng	#	94
37) Benzo(a)pyrene	23.78	252	3604428	46.793	ng		98
38) Dibenzo(a,h)anthracene	26.55	278	789090	9.911	ng		95
39) Benzo(g,h,i)perylene	27.37	276	3367490	42.054	ng		98

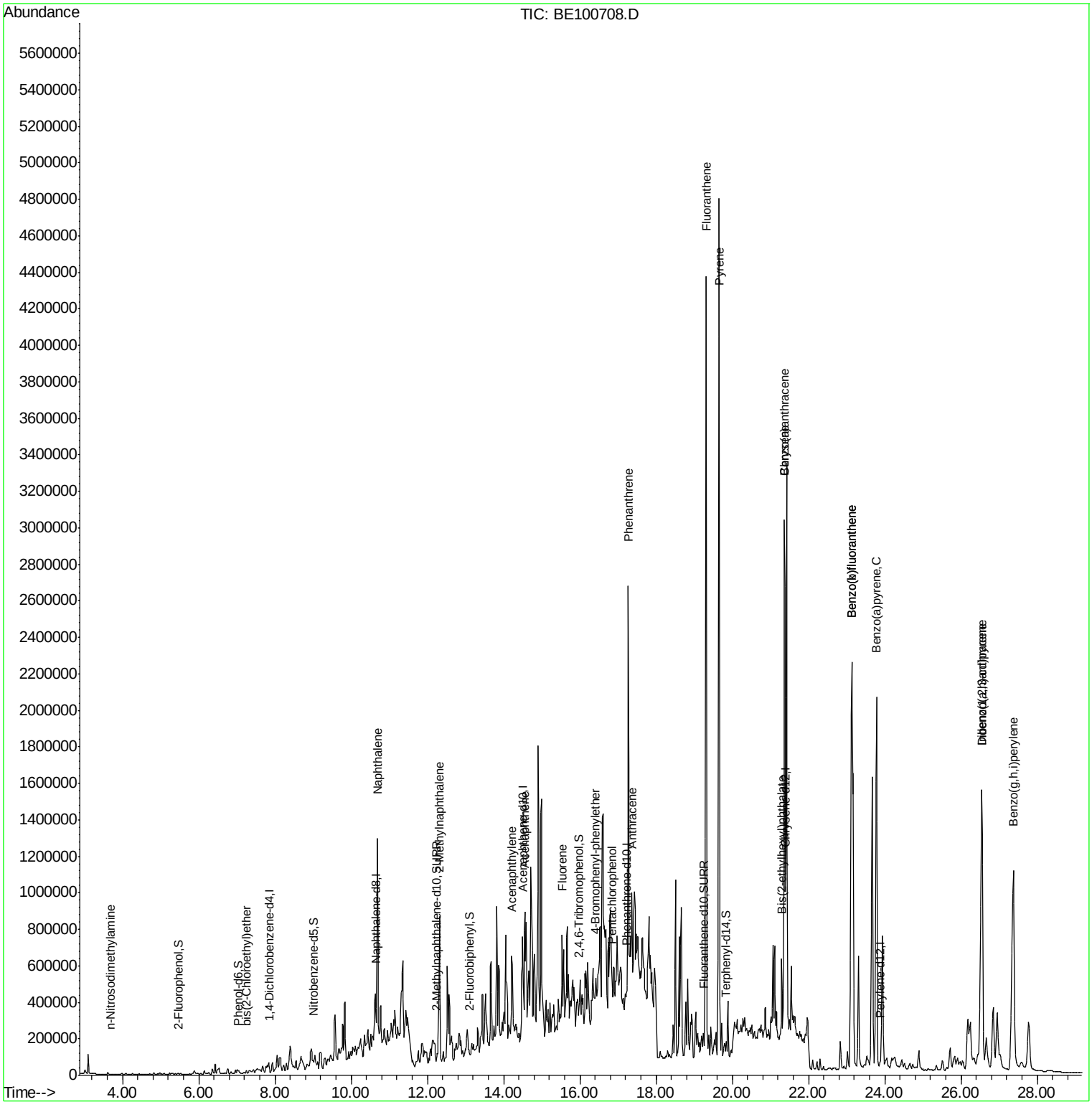
(#) = qualifier out of range (m) = manual integration (+) = signals summed

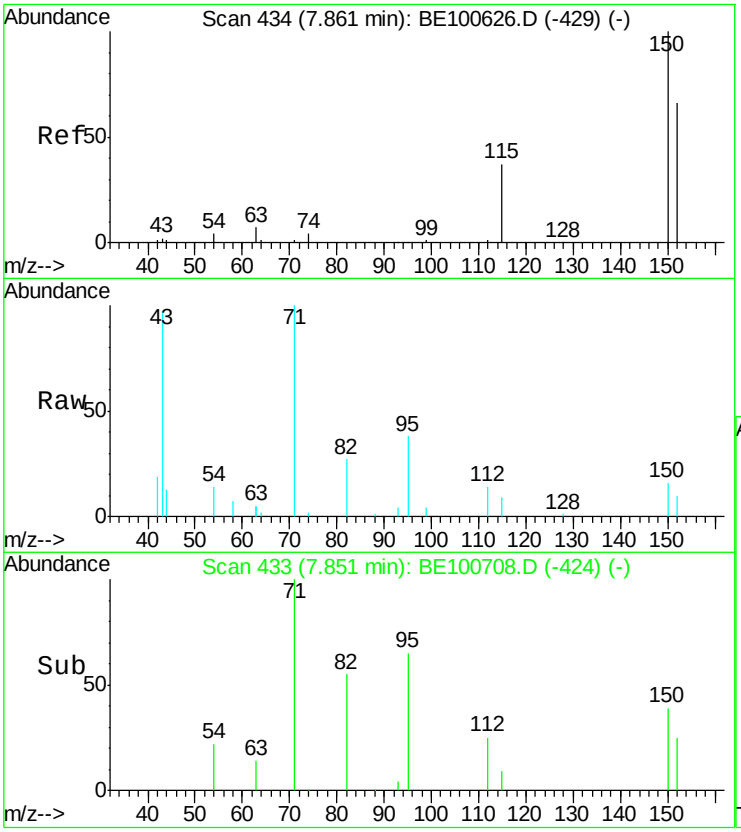
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110719\
Data File : BE100708.D
Acq On : 7 Nov 2019 19:13
Operator : JU
Sample : K5725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SO-4

Quant Time: Nov 08 06:22:36 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



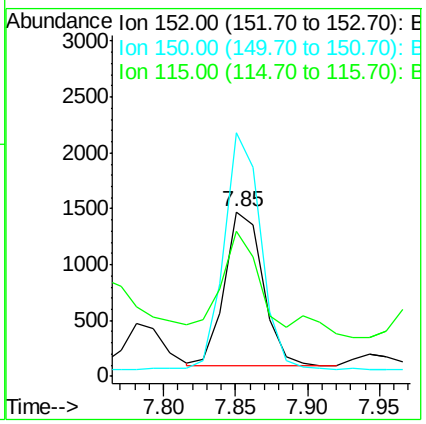


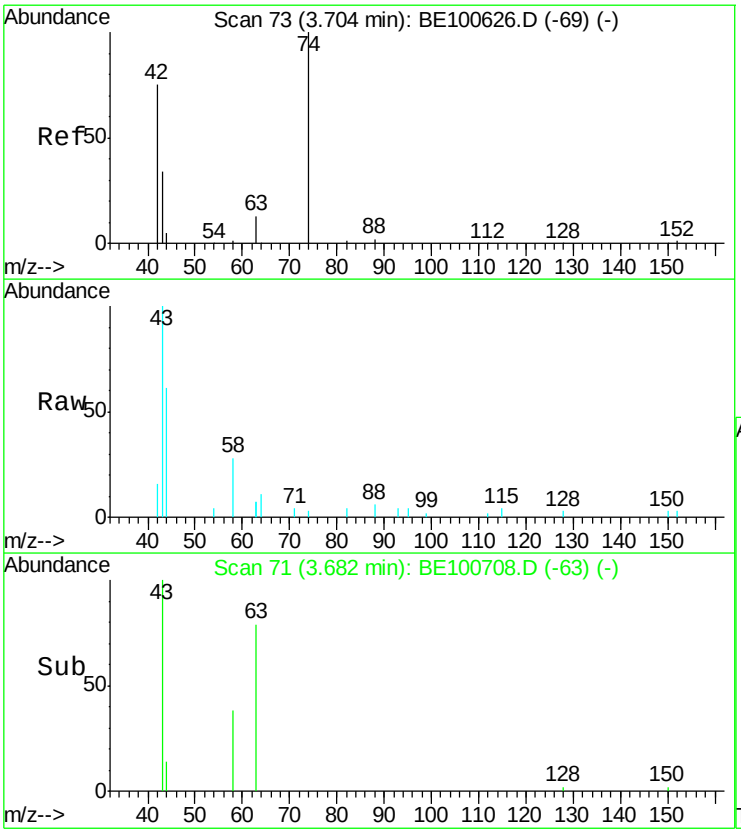
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:152 Resp: 2559

Ion	Ratio	Lower	Upper
152	100		
150	148.1	123.3	184.9
115	88.6	51.9	77.9#

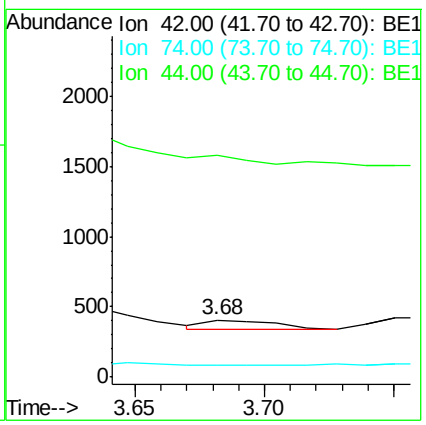


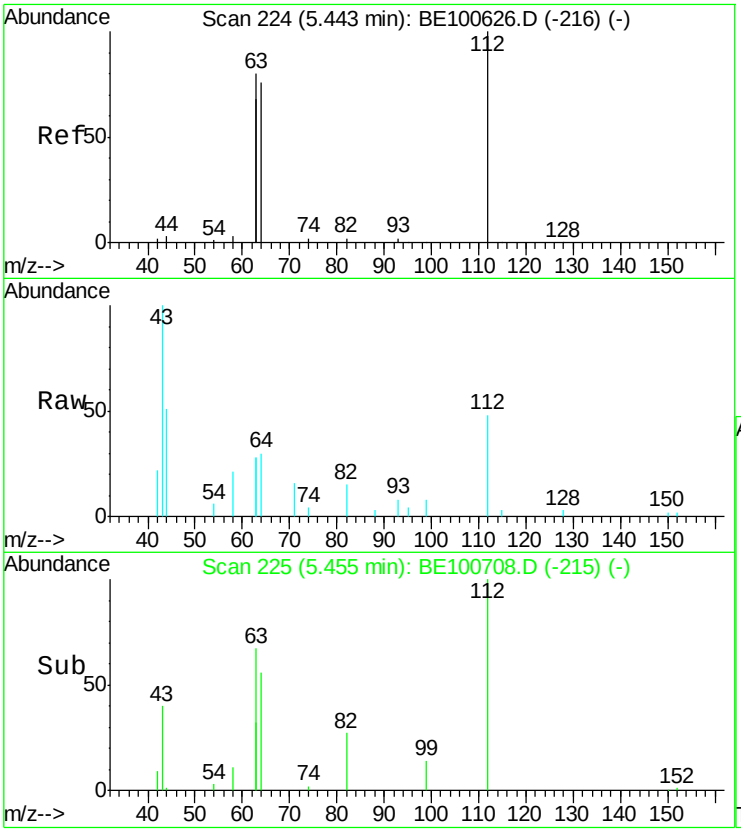


#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion: 42 Resp: 130

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



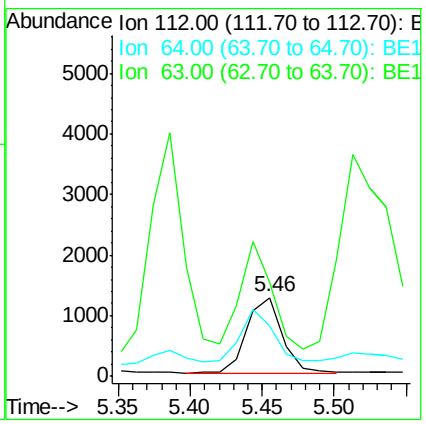


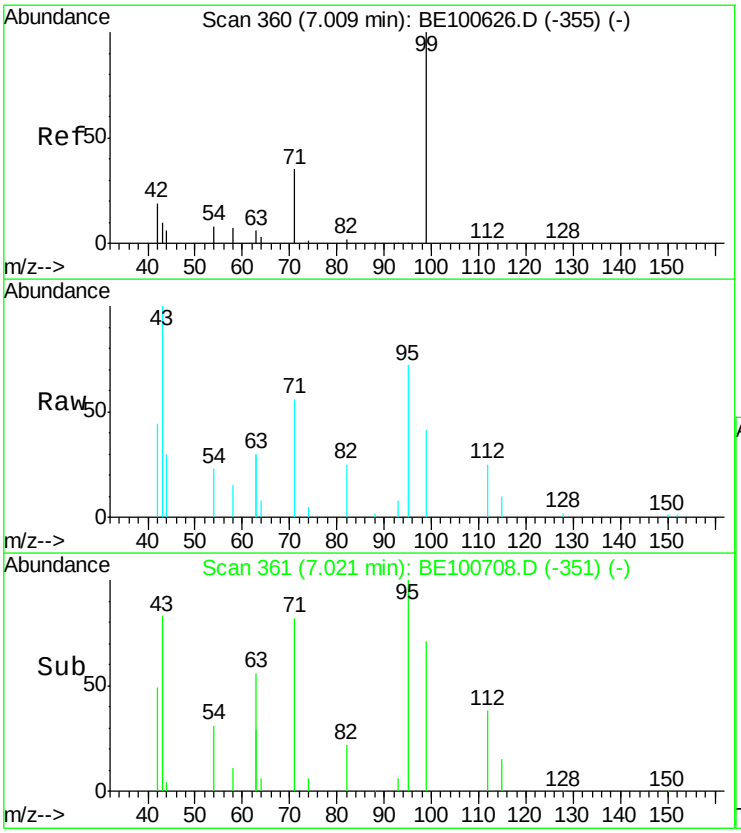
#4
2-Fluorophenol
Concen: 0.270 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:112 Resp: 2134

Ion	Ratio	Lower	Upper
112	100		
64	63.3	55.4	83.2
63	123.9	114.2	171.4

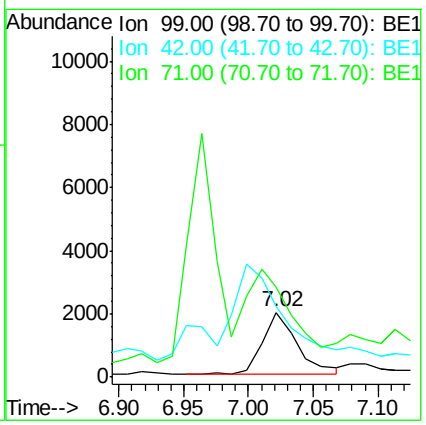


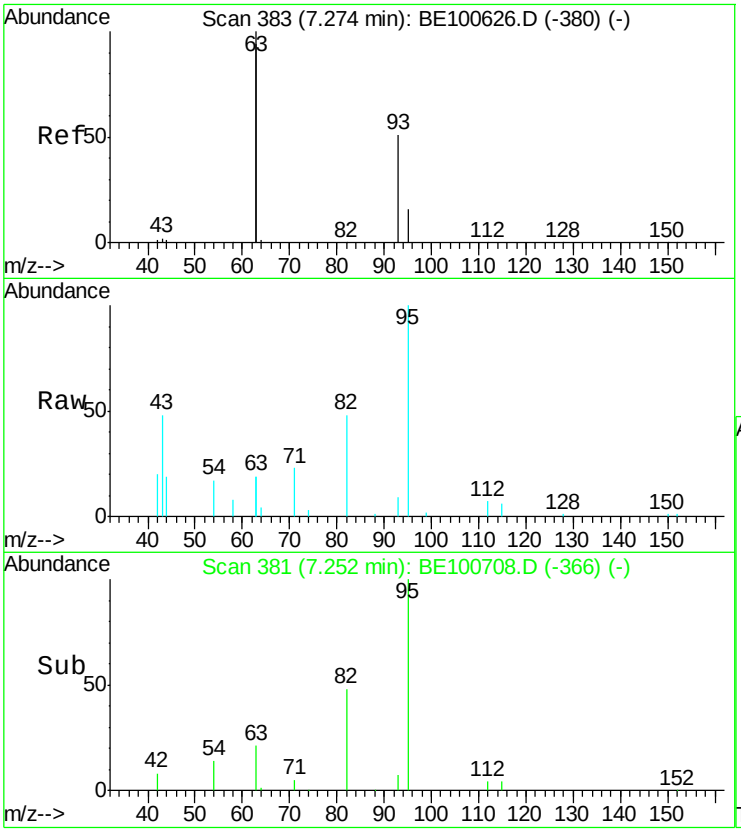


#5
Phenol-d6
Concen: 0.335 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion: 99 Resp: 3729

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



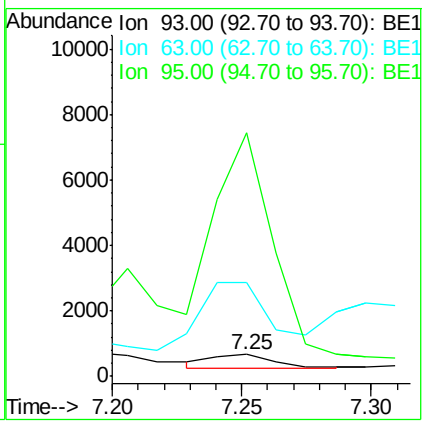


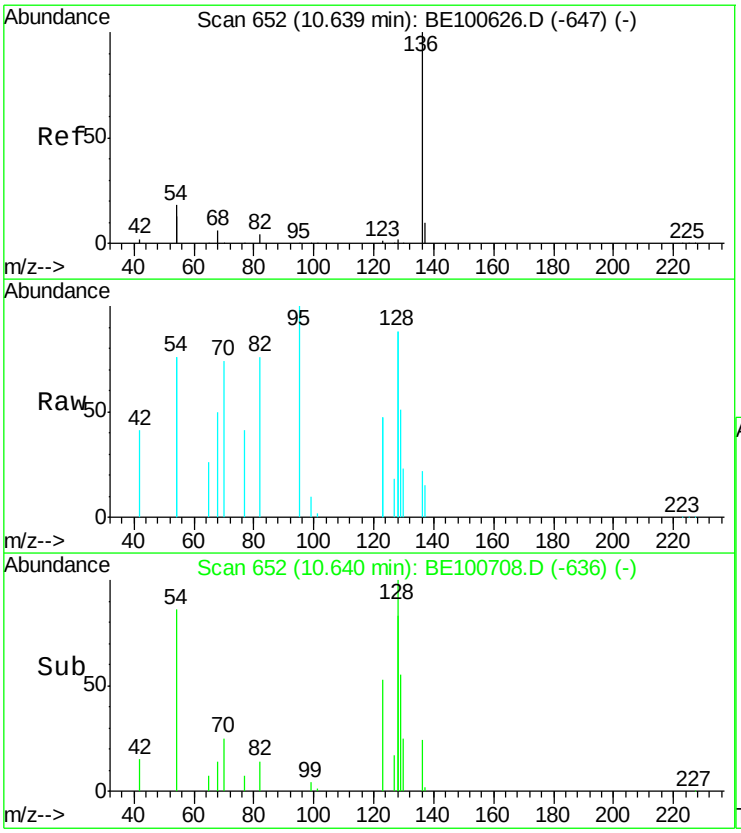
#6
bis(2-Chloroethyl)ether
Concen: 0.085 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.02 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion: 93 Resp: 779

Ion	Ratio	Lower	Upper
93	100		
63	511.2	268.8	403.2#
95	1378.6	25.6	38.4#

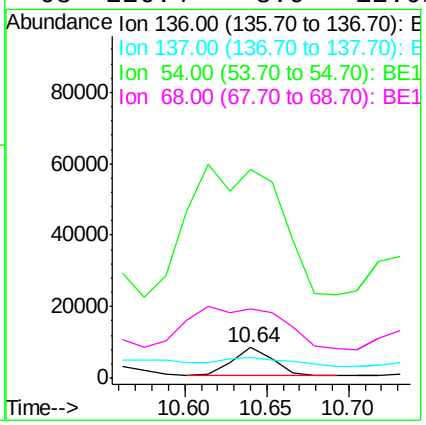


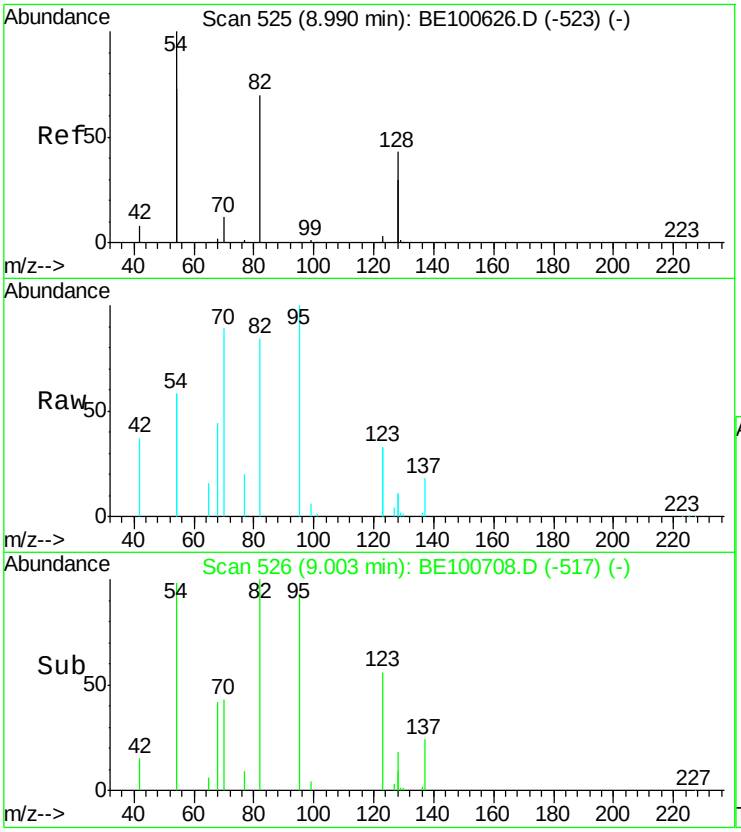


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:136 Resp: 13884

Ion	Ratio	Lower	Upper
136	100		
137	67.0	9.2	13.8#
54	686.9	39.4	59.2#
68	226.4	8.0	12.0#



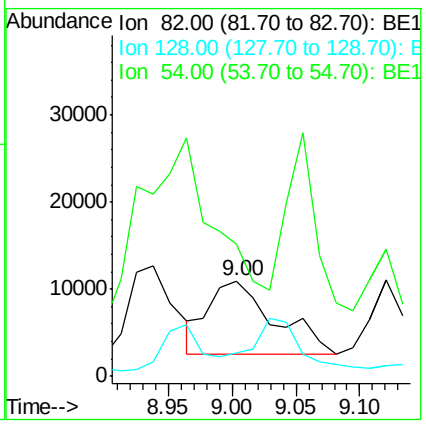


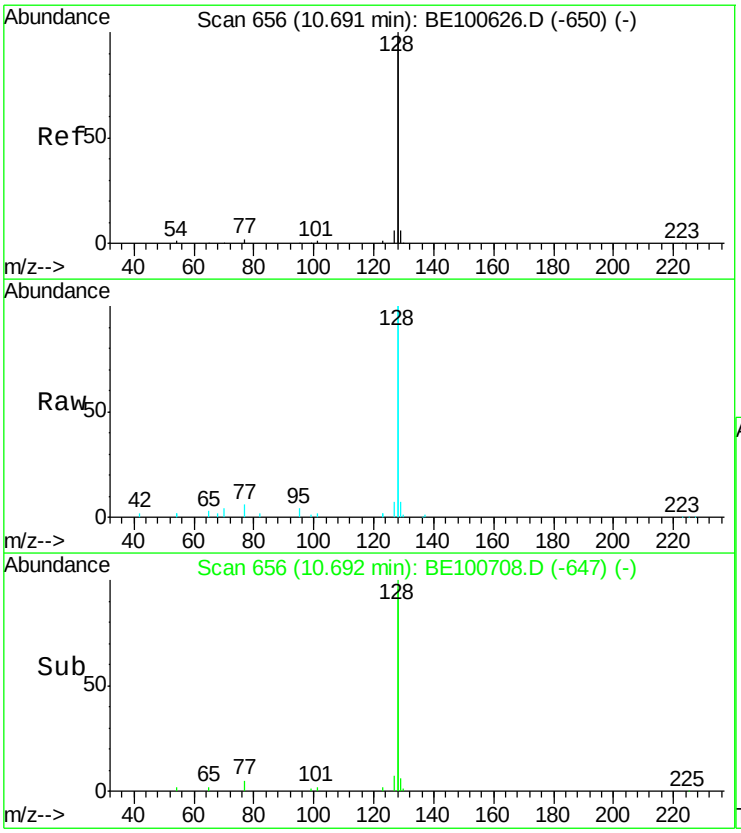
#8
Nitrobenzene-d5
Concen: 3.466 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion: 82 Resp: 29826

Ion	Ratio	Lower	Upper
82	100		
128	25.2	107.8	161.8#
54	137.8	166.1	249.1#

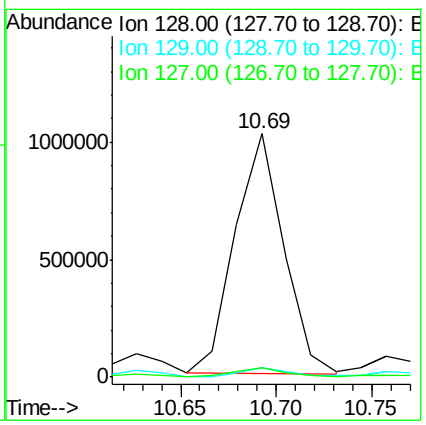


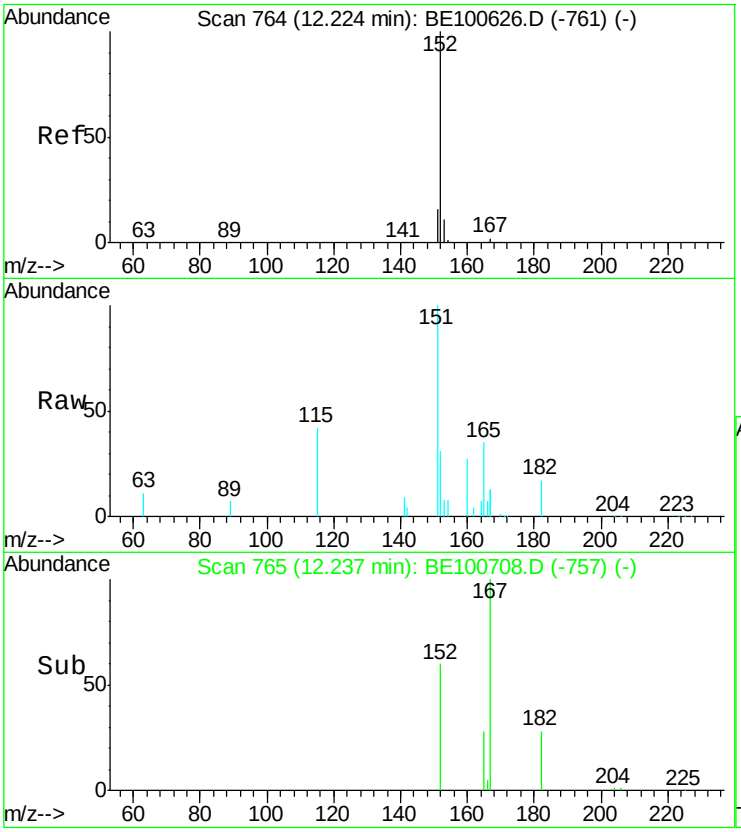


#9
Naphthalene
Concen: 12.489 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:128 Resp: 1823379

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.3	3.5#
127	3.7	2.7	4.1



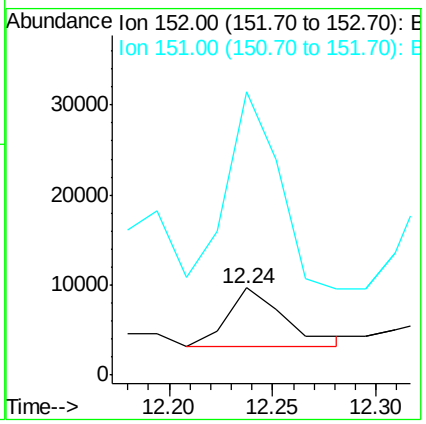


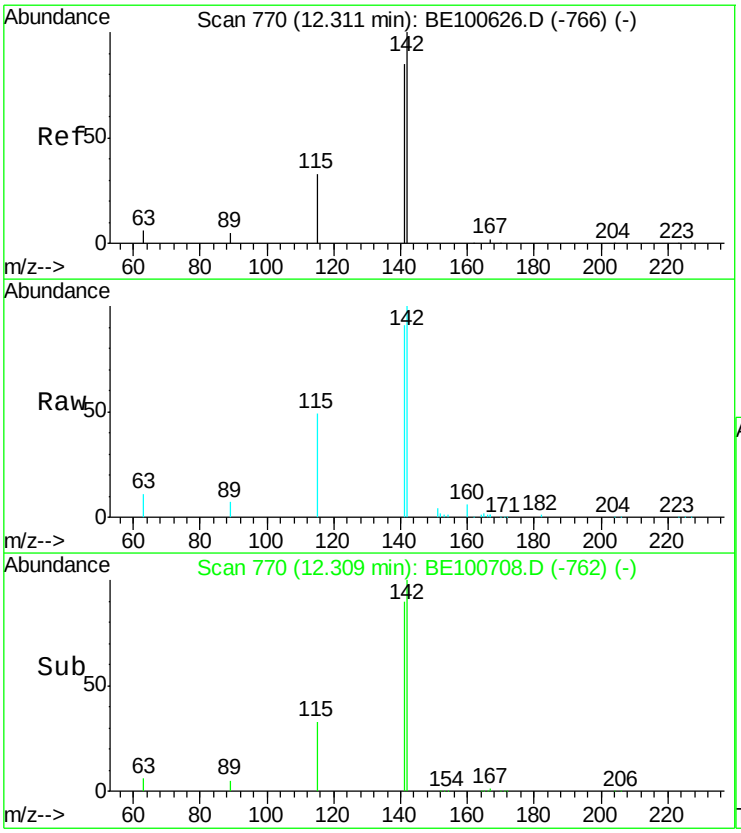
#11
2-Methylnaphthalene-d10
Concen: 0.575 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:152 Resp: 12580

Ion	Ratio	Lower	Upper
152	100		
151	301.9	14.7	22.1#

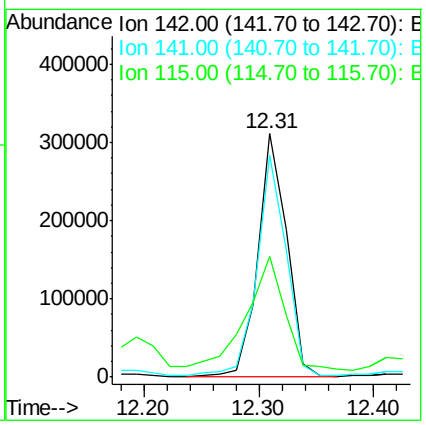


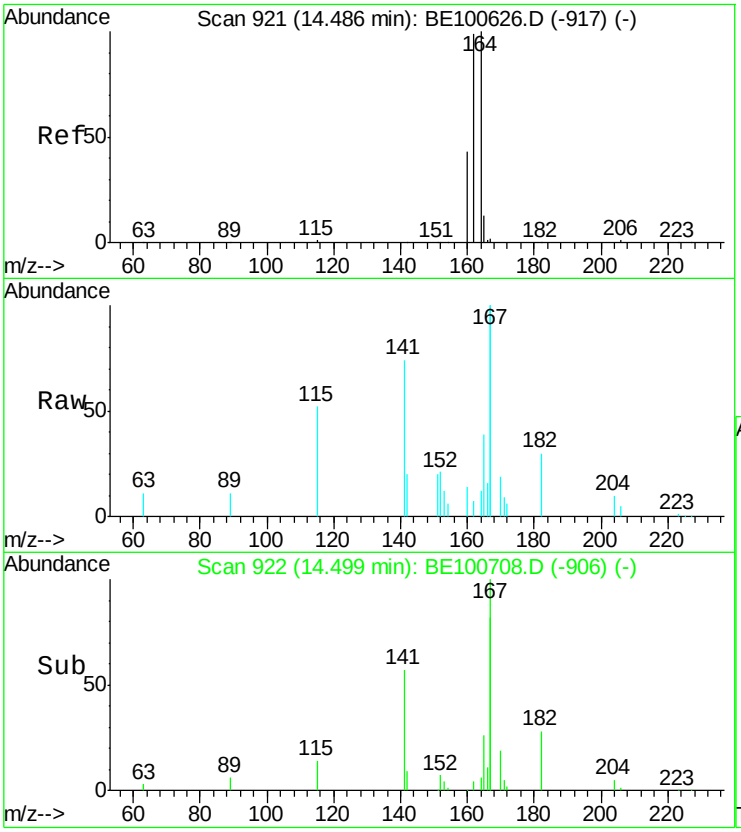


#12
2-Methylnaphthalene
Concen: 21.376 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:142 Resp: 531959

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.1	105.1
115	49.4	28.3	42.5#



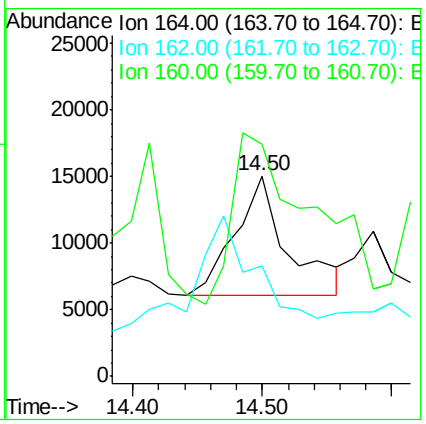


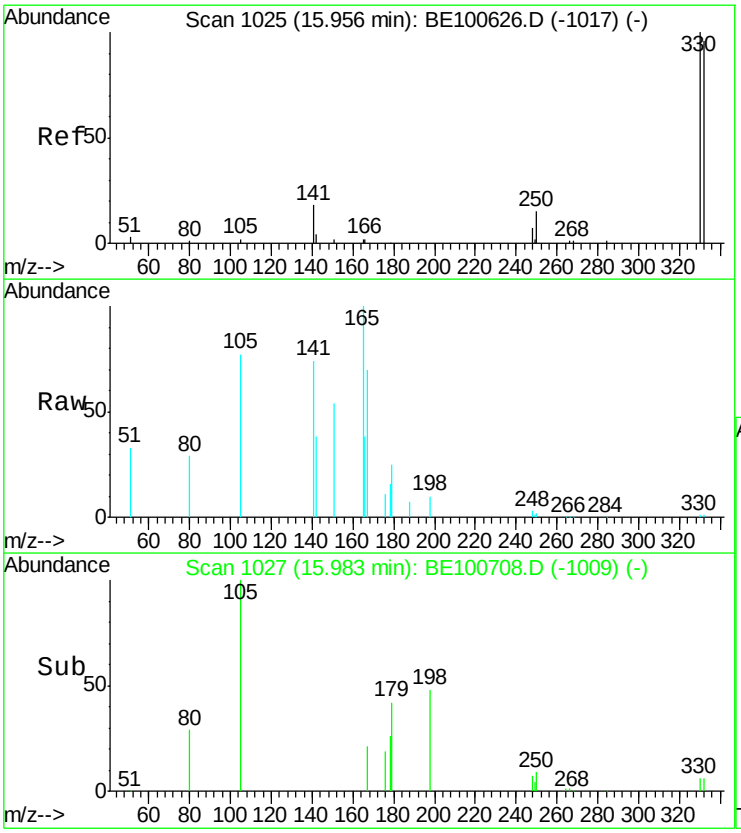
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.03 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:164 Resp: 25100

Ion	Ratio	Lower	Upper
164	100		
162	55.5	82.0	123.0#
160	116.1	37.5	56.3#

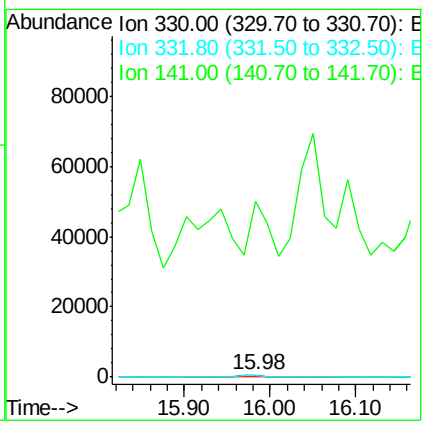


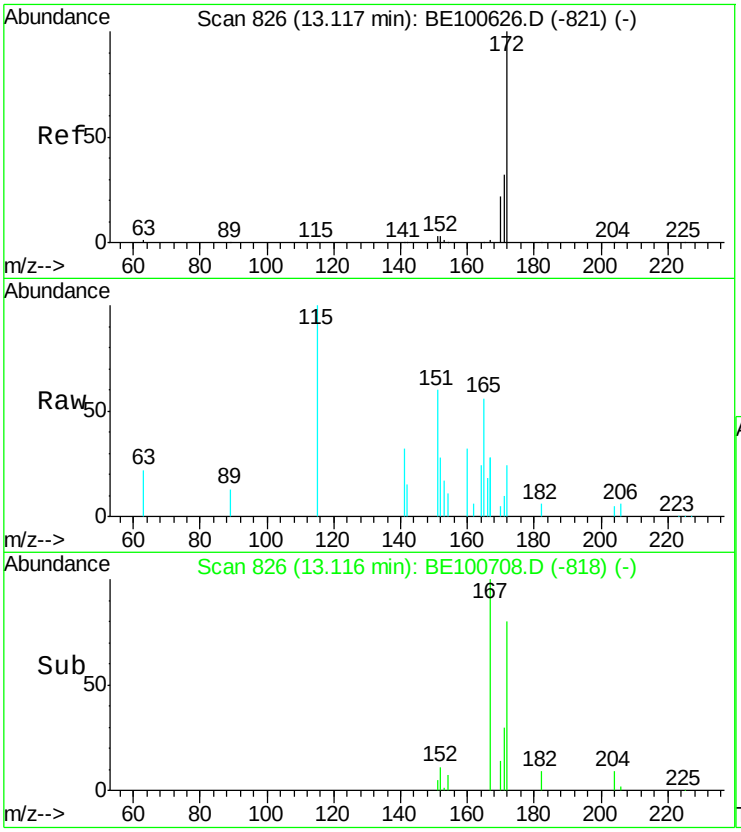


#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.04 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:330 Resp: 1004

Ion	Ratio	Lower	Upper
330	100		
332	84.5	77.9	116.9
141	1965.7	33.0	49.6#



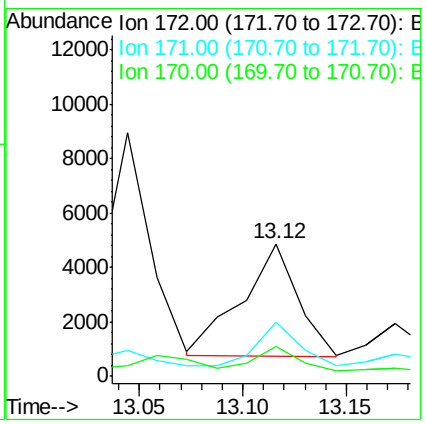


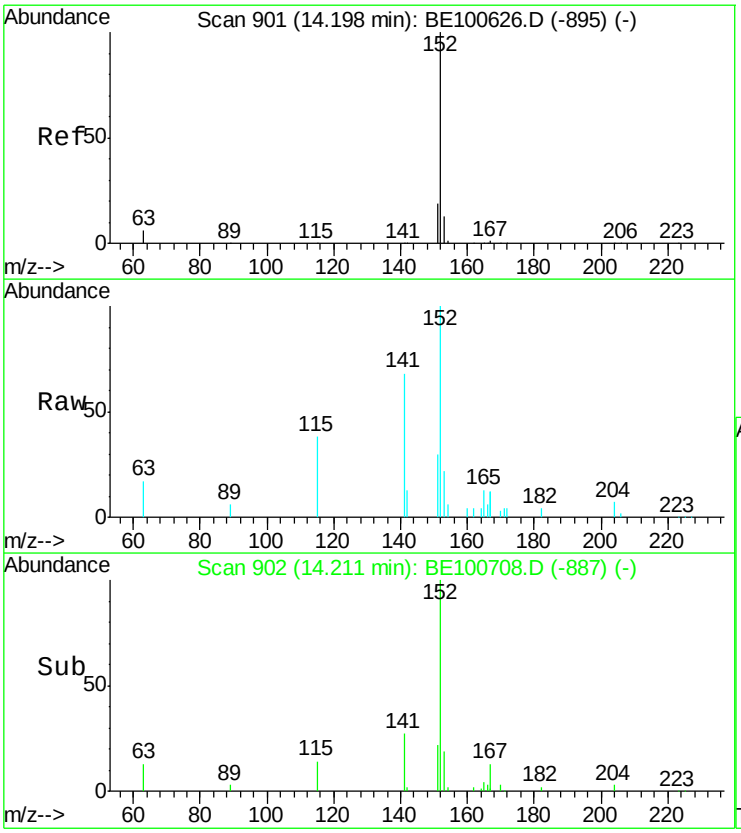
#15
2-Fluorobiphenyl
Concen: 0.085 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:172 Resp: 7818

Ion	Ratio	Lower	Upper
172	100		
171	41.1	26.5	39.7#
170	22.8	19.0	28.4

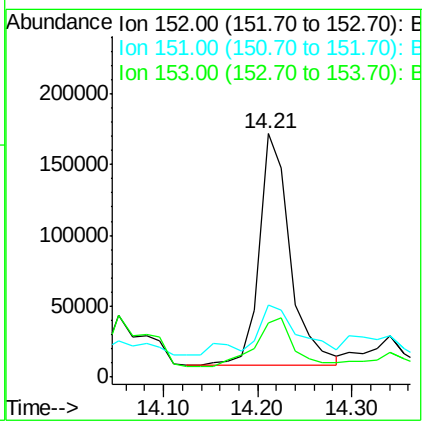


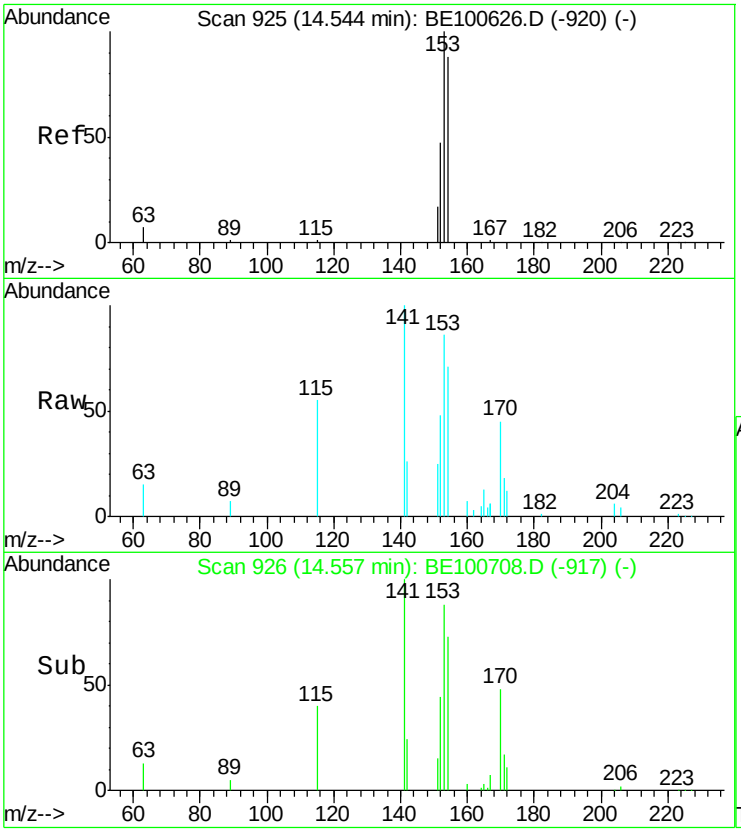


#16
Acenaphthylene
Concen: 3.479 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:152 Resp: 375724

Ion	Ratio	Lower	Upper
152	100		
151	31.5	15.2	22.8#
153	26.7	10.3	15.5#



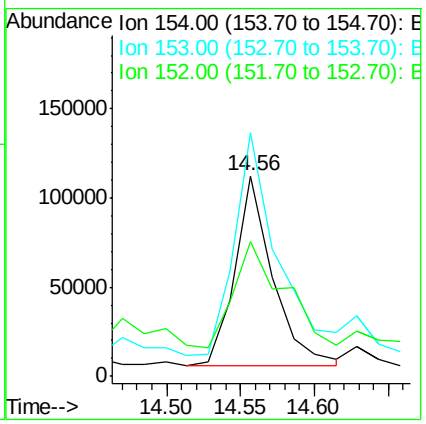


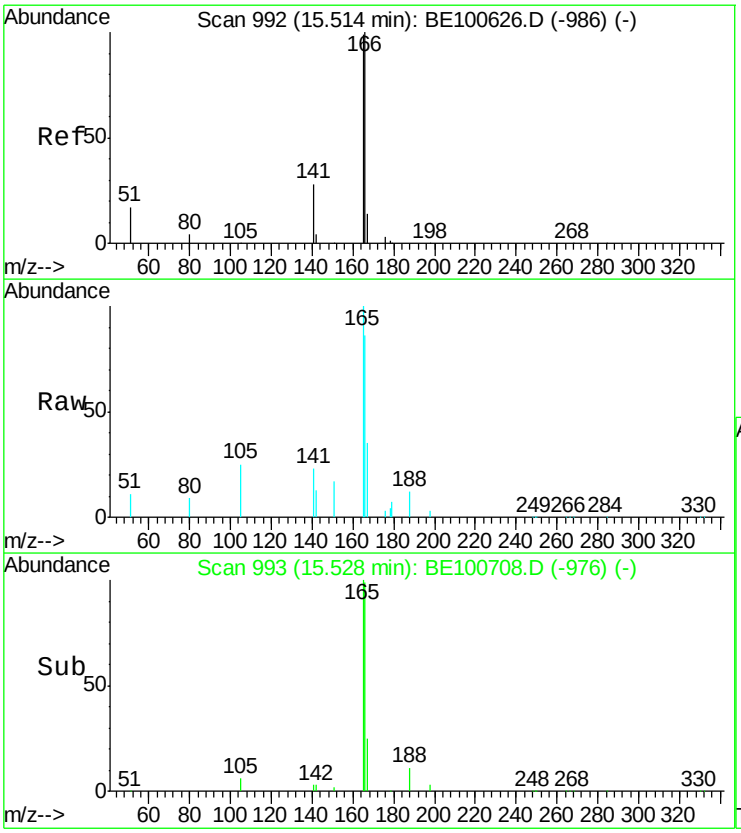
#17
Acenaphthene
Concen: 2.703 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.03 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:154 Resp: 188675

Ion	Ratio	Lower	Upper
154	100		
153	148.9	89.4	134.2#
152	74.2	44.1	66.1#

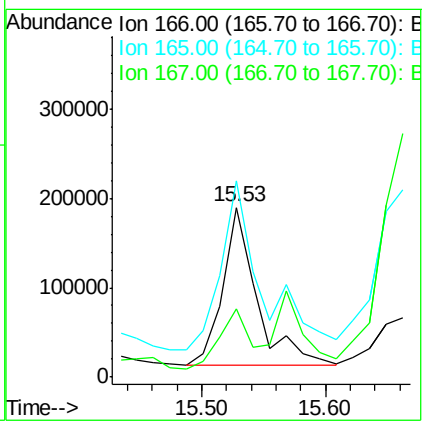


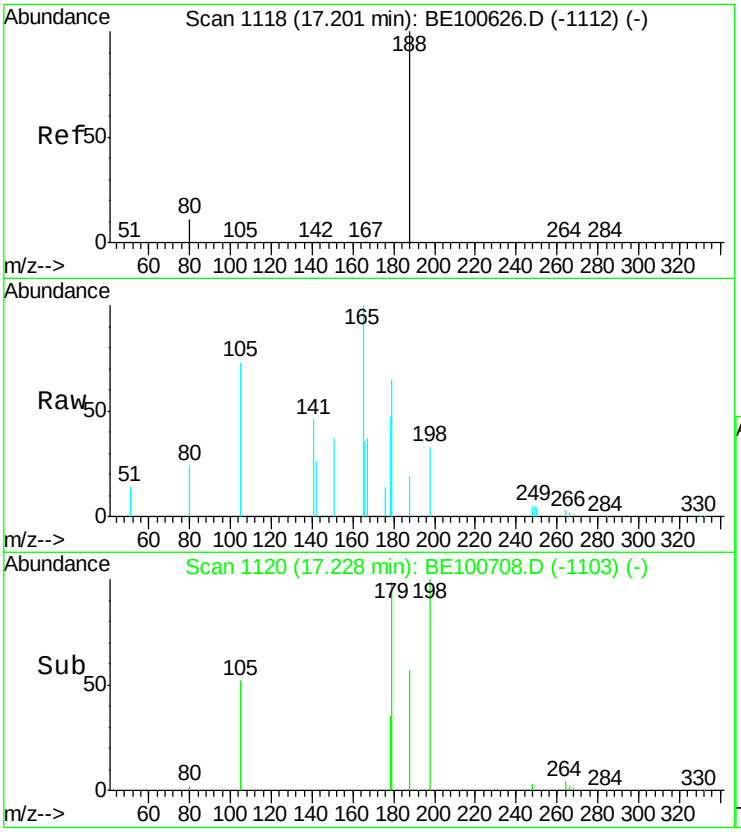


#18
Fluorene
Concen: 3.619 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.03 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:166 Resp: 335519

Ion	Ratio	Lower	Upper
166	100		
165	132.3	78.6	117.8#
167	32.8	10.9	16.3#



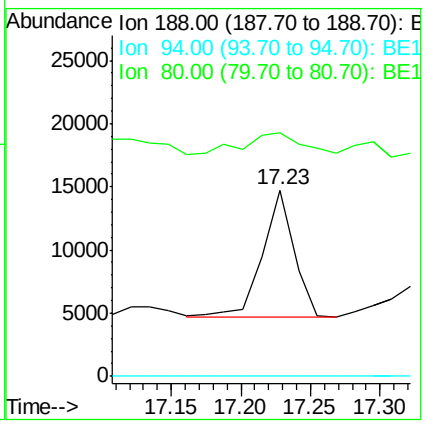


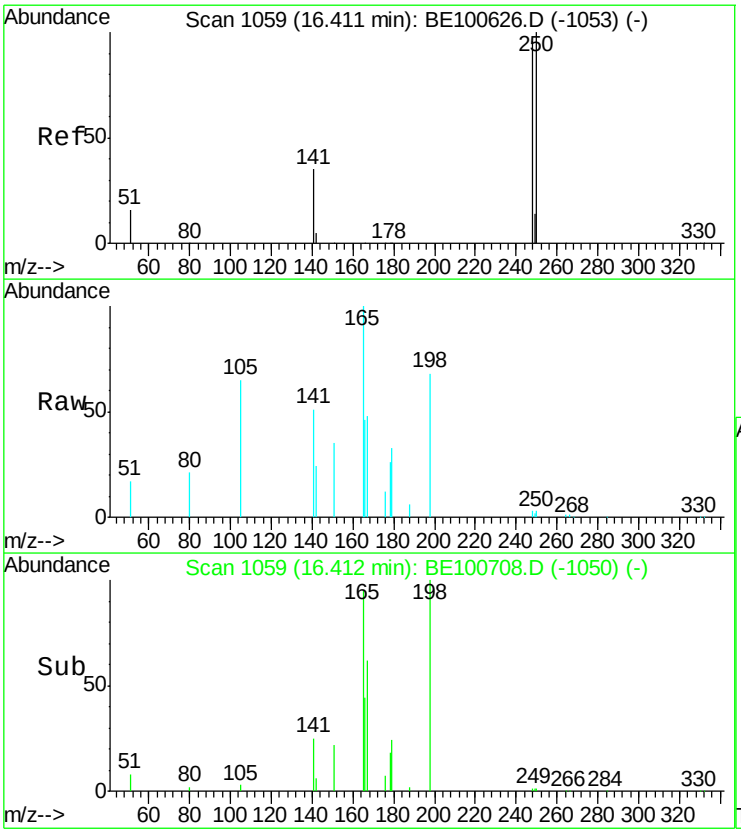
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.03 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:188 Resp: 15772

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	130.7	5.4	8.0#

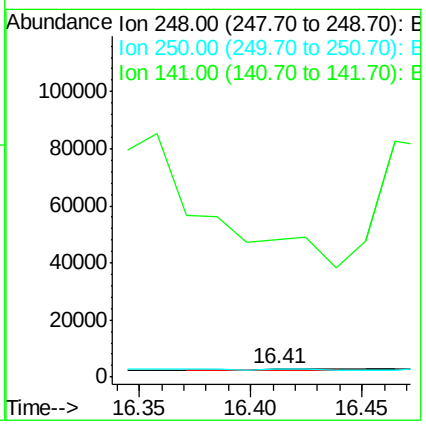


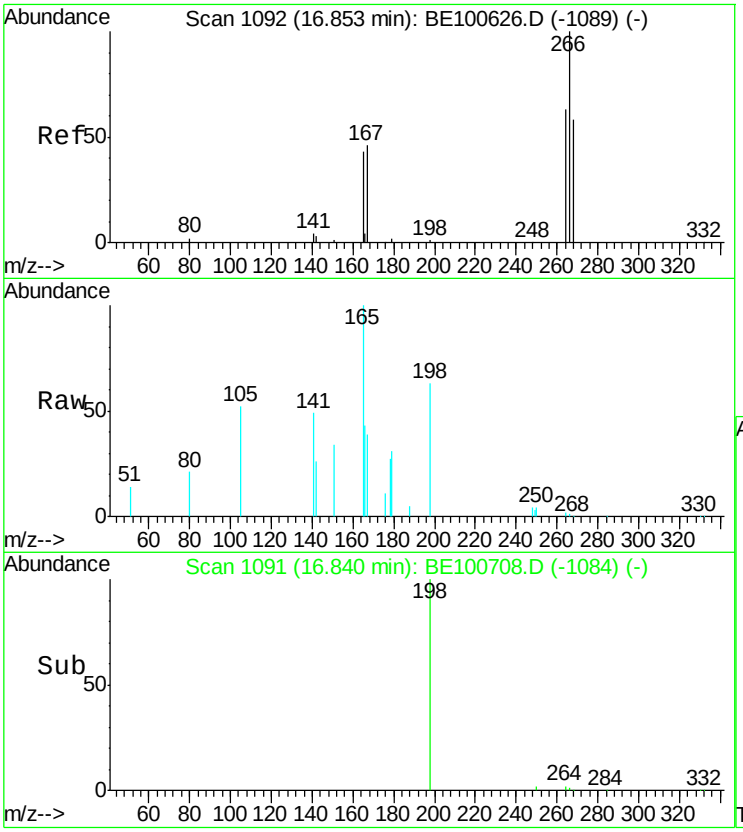


#20
4-Bromophenyl-phenylether
Concen: 0.158 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:248 Resp: 1270

Ion	Ratio	Lower	Upper
248	100		
250	93.3	76.3	114.5
141	1645.9	37.3	55.9#



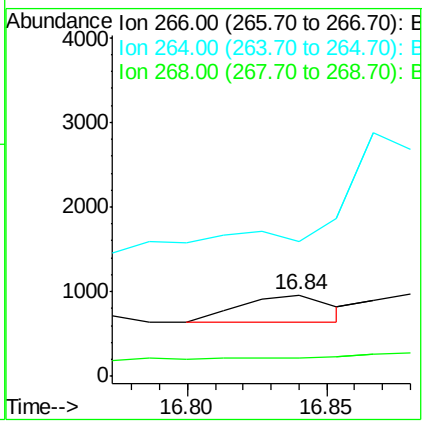


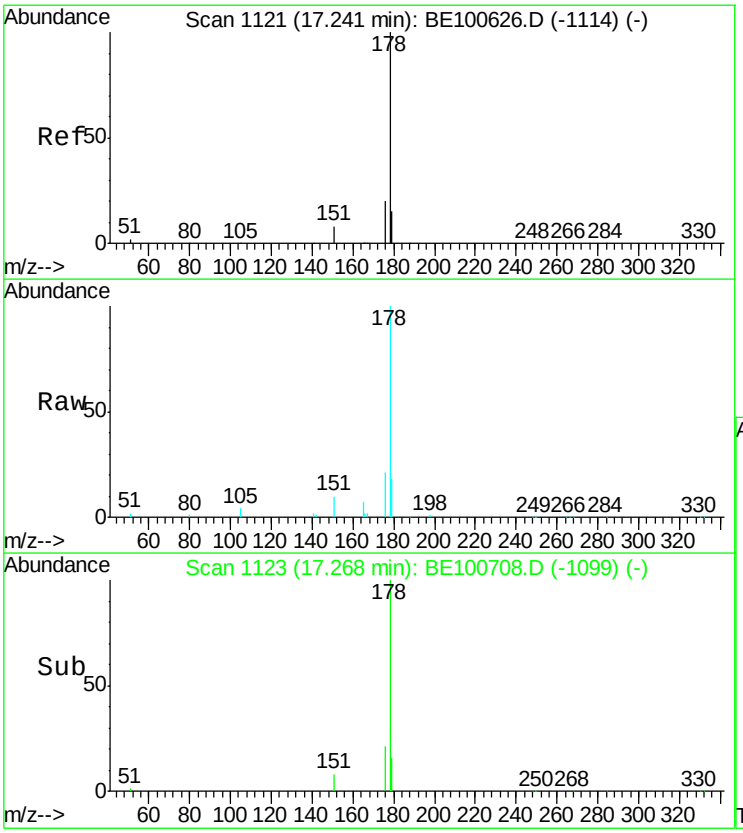
#22
Pentachlorophenol
Concen: 0.287 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:266 Resp: 707

Ion	Ratio	Lower	Upper
266	100		
264	165.2	52.2	78.4#
268	23.2	53.1	79.7#

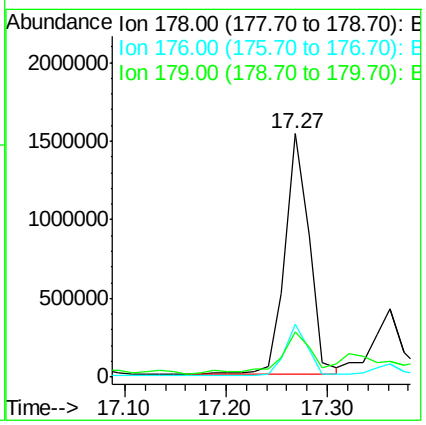


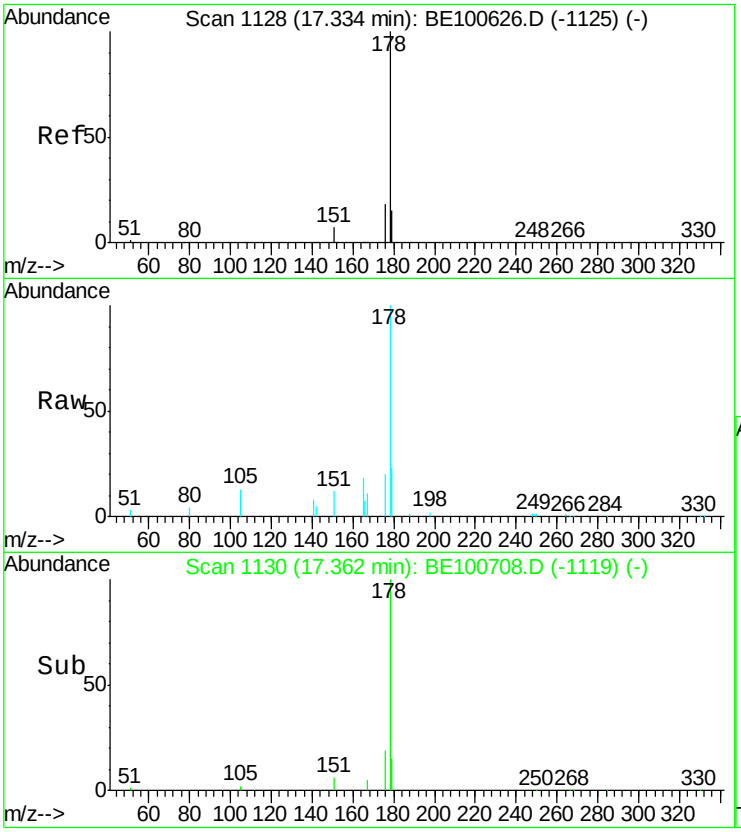


#23
Phenanthrene
Concen: 58.482 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.03 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:178 Resp: 2537056

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	21.4	12.1	18.1#



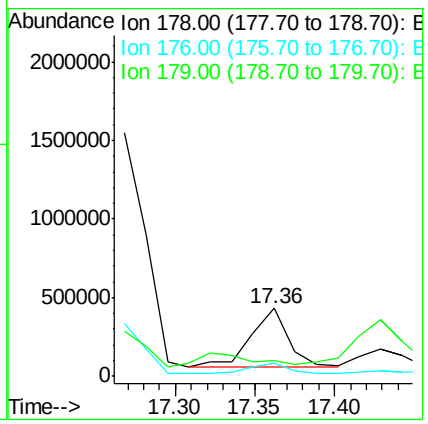


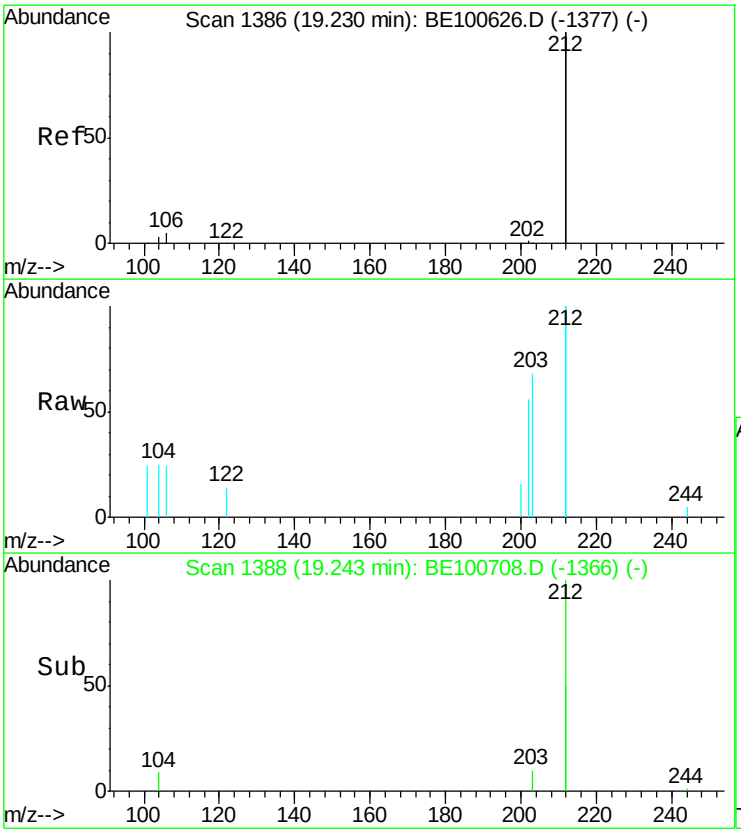
#24
Anthracene
Concen: 16.060 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.04 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:178 Resp: 646465

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.0	22.4
179	0.0	12.5	18.7#

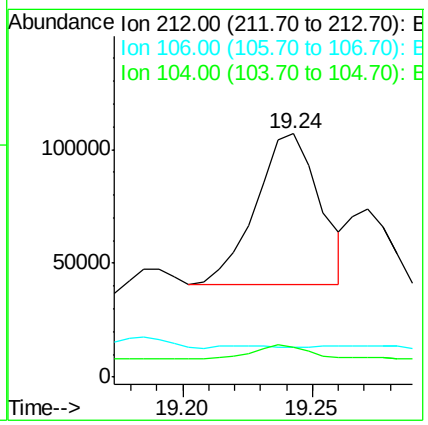


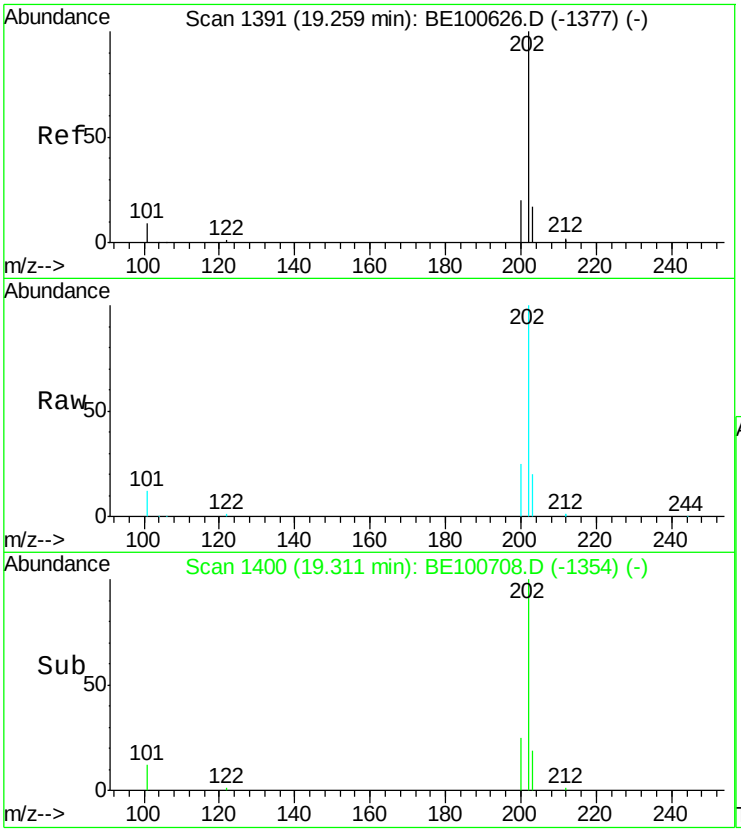


#25
Fluoranthene-d10
Concen: 0.560 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.02 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:212 Resp: 113999

Ion	Ratio	Lower	Upper
212	100		
106	0.0	2.3	3.5#
104	10.0	1.3	1.9#



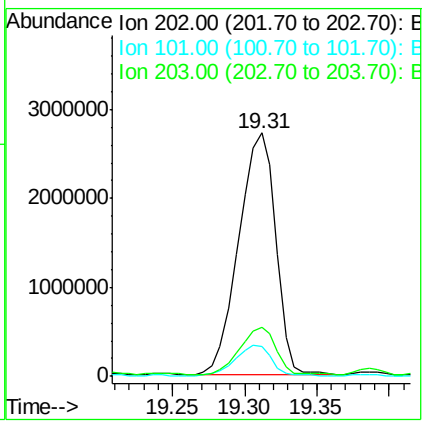


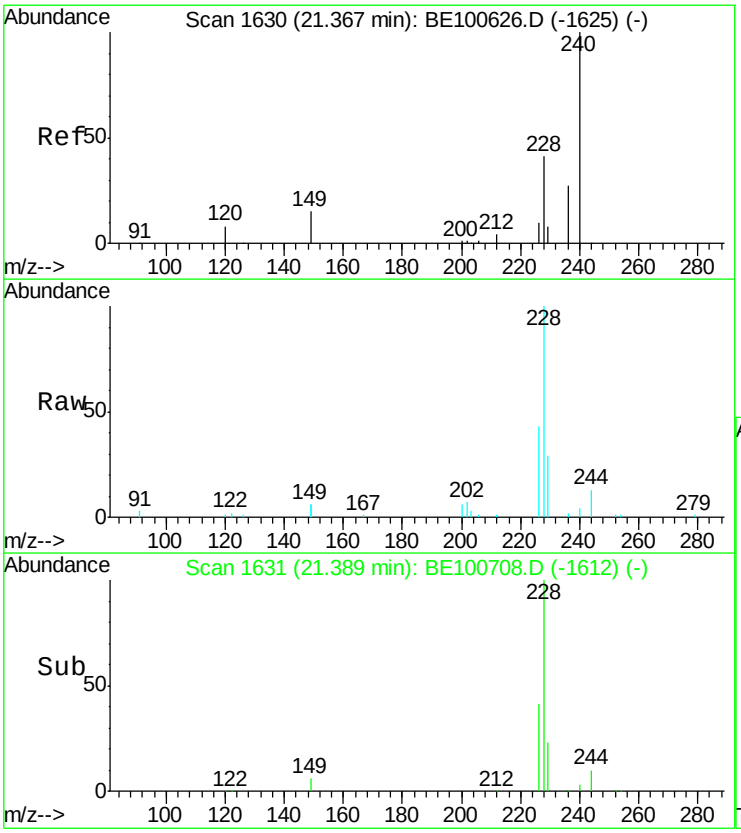
#26
Fluoranthene
Concen: 85.732 ng
RT: 19.31 min Scan# 1400
Delta R.T. 0.06 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:202 Resp: 4854194

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.5	12.7
203	19.0	13.8	20.8

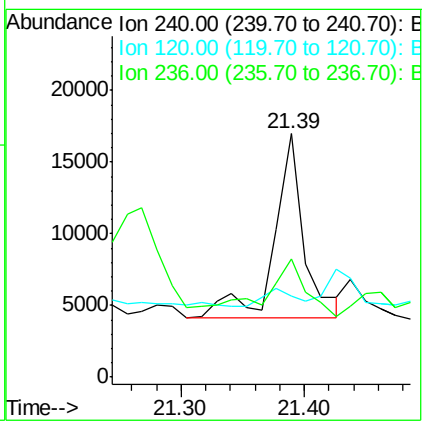


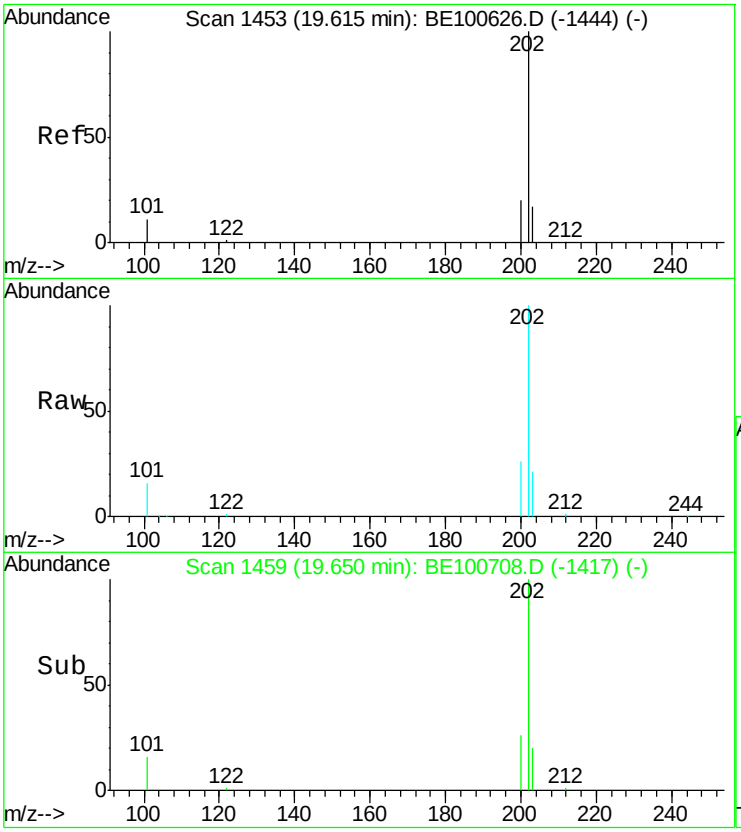


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. 0.04 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:240 Resp: 21477

Ion	Ratio	Lower	Upper
240	100		
120	33.1	7.6	11.4#
236	48.7	22.1	33.1#



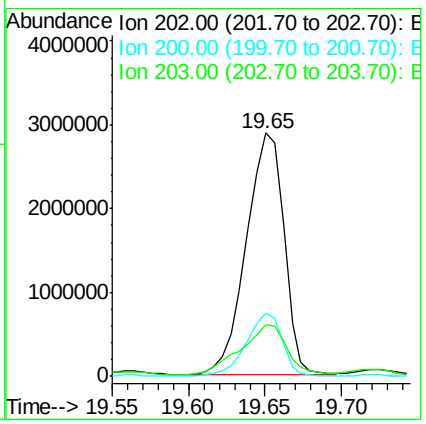


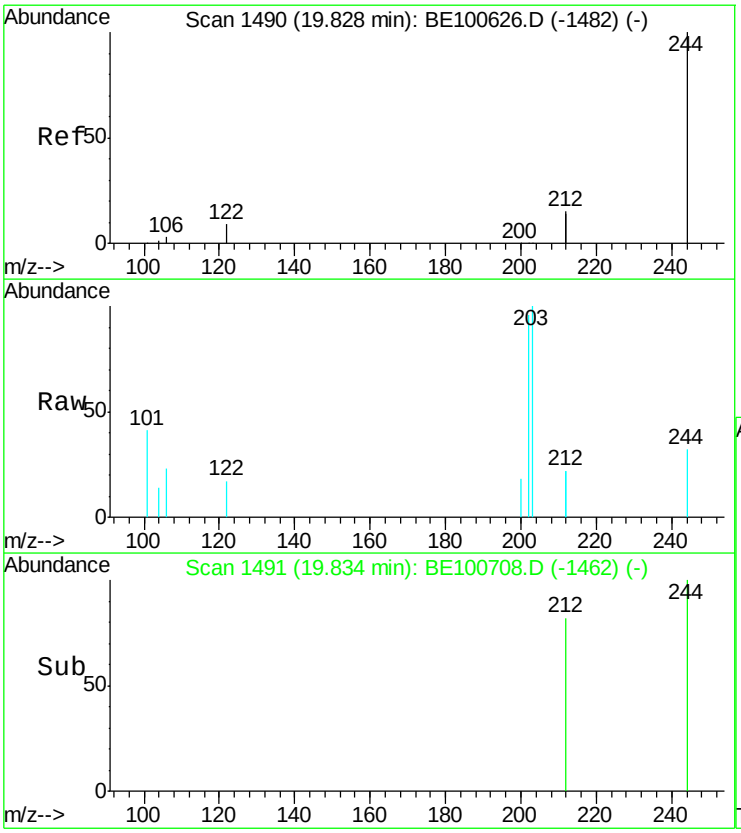
#28
Pyrene
Concen: 82.045 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.04 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:202 Resp: 4922998

Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.7	25.1
203	25.2	14.0	21.0#

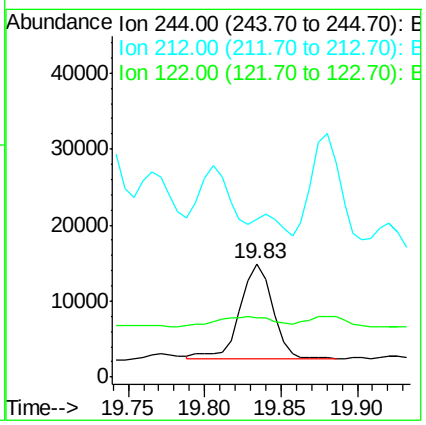


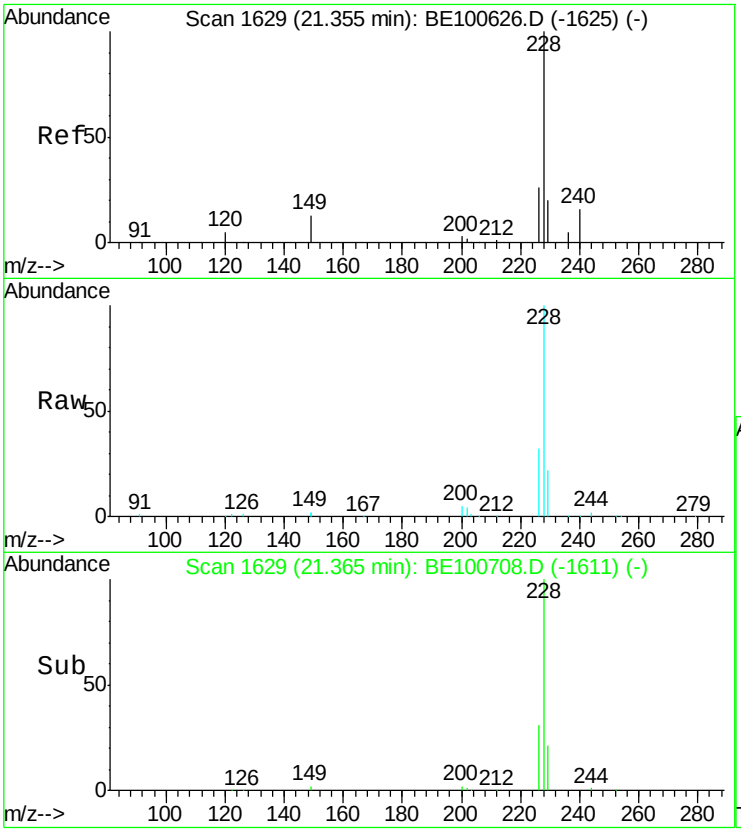


#29
Terphenyl-d14
Concen: 0.395 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.02 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:244 Resp: 18525

Ion	Ratio	Lower	Upper
244	100		
212	139.2	23.7	35.5#
122	52.8	7.9	11.9#



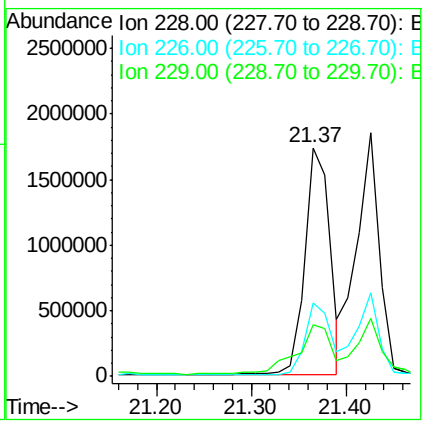


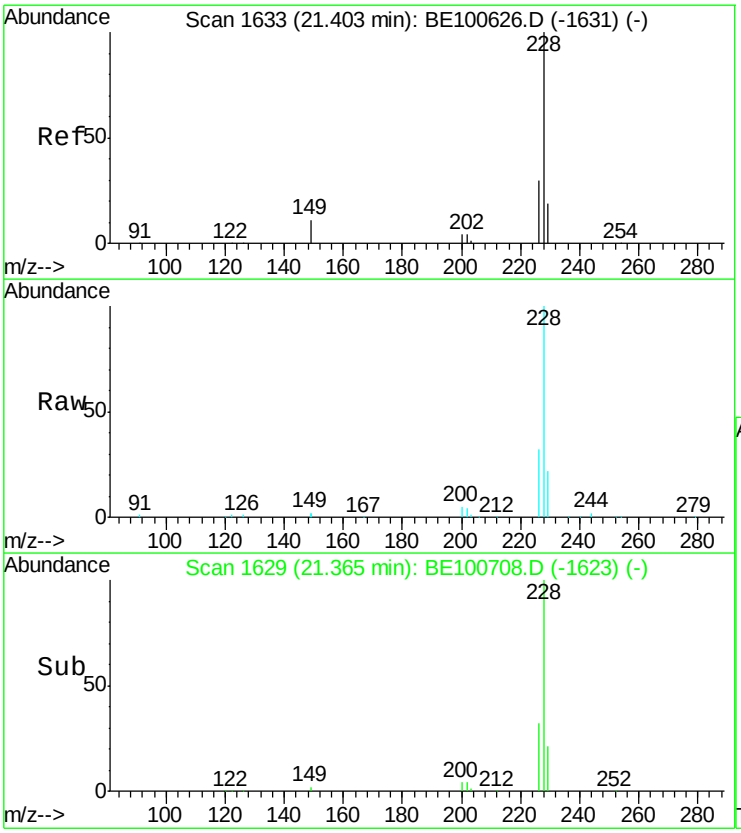
#30
Benzo(a)anthracene
Concen: 45.567 ng
RT: 21.37 min Scan# 1629
Delta R.T. 0.02 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:228 Resp: 3192342

Ion	Ratio	Lower	Upper
228	100		
226	32.0	21.4	32.0
229	22.4	16.0	24.0

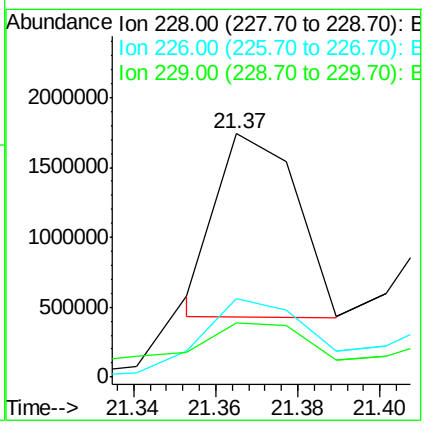


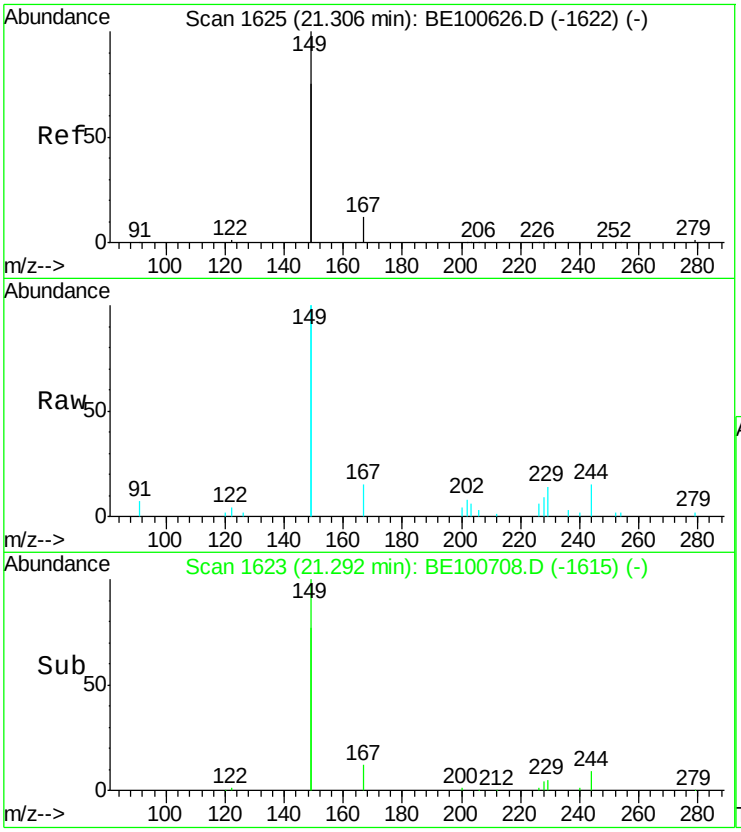


#31
Chrysene
Concen: 25.134 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.03 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:228 Resp: 1759729

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.6	37.0
229	22.4	15.8	23.8



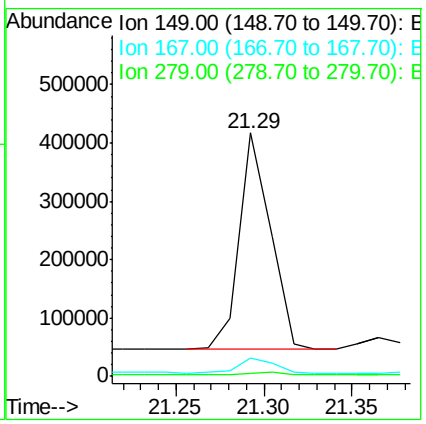


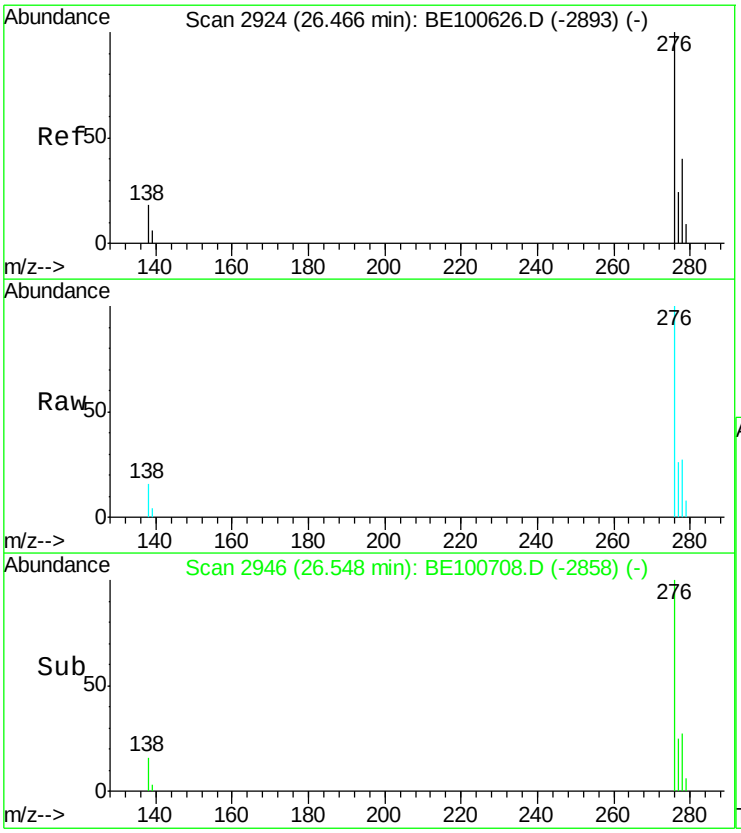
#32
Bis(2-ethylhexyl)phthalate
Concen: 3.095 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:149 Resp: 453597

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.5	8.3
279	1.7	0.9	1.3#

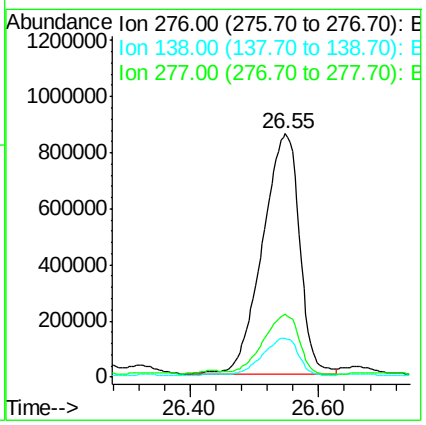


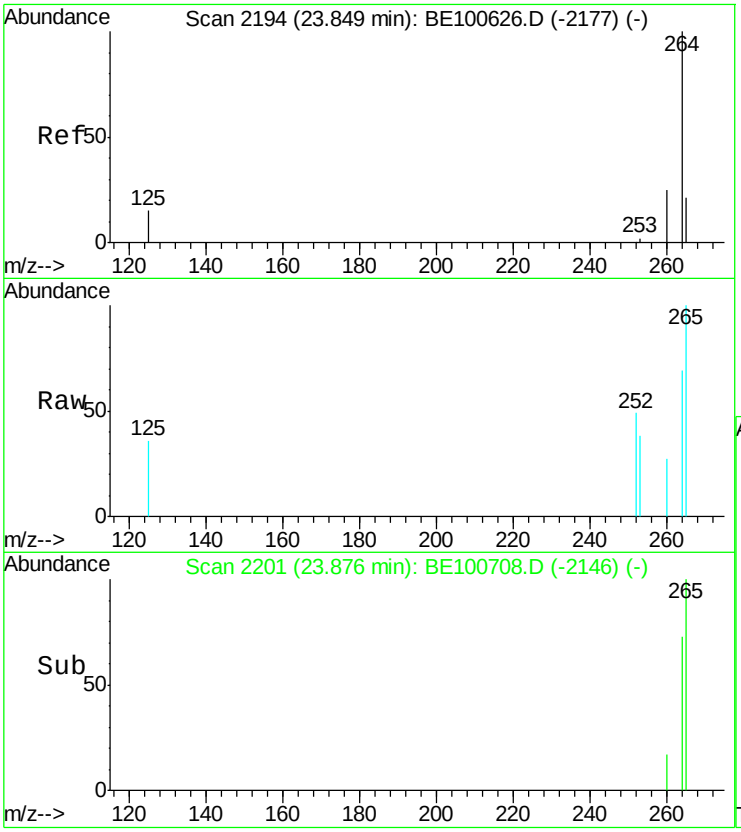


#33
Indeno(1,2,3-cd)pyrene
Concen: 39.679 ng
RT: 26.55 min Scan# 2946
Delta R.T. 0.11 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:276 Resp: 3414394

Ion	Ratio	Lower	Upper
276	100		
138	14.7	15.3	22.9#
277	24.2	19.4	29.2



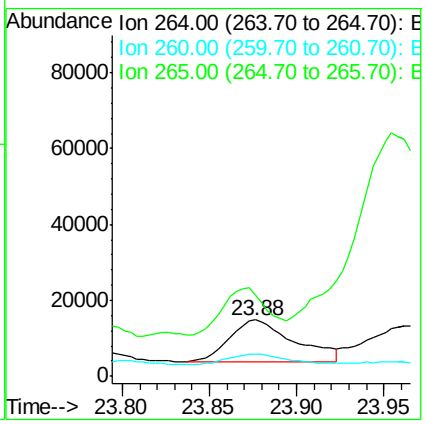


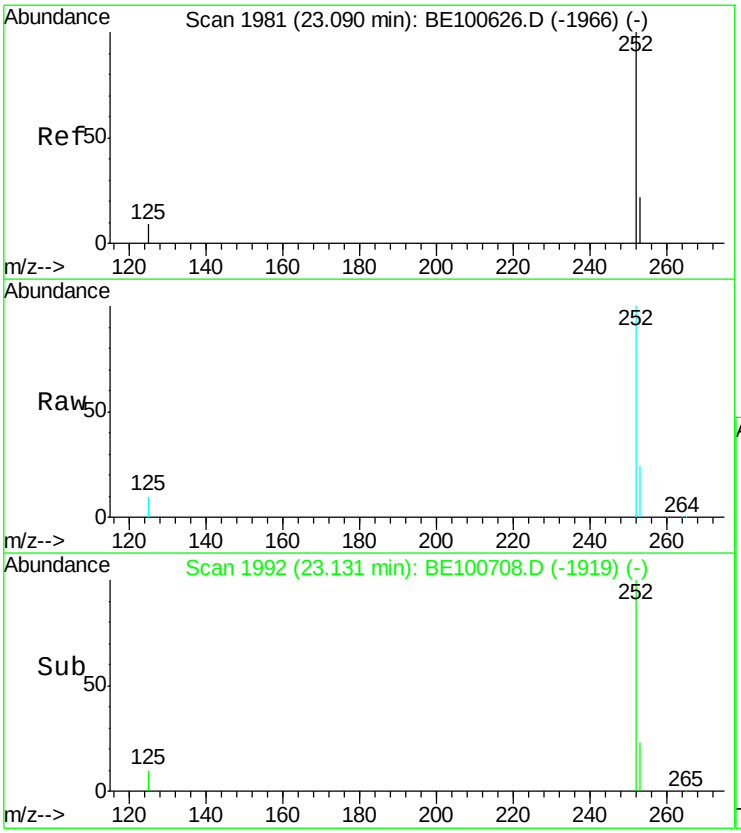
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2201
Delta R.T. 0.05 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:264 Resp: 28380

Ion	Ratio	Lower	Upper
264	100		
260	39.5	19.4	29.2#
265	144.5	21.7	32.5#

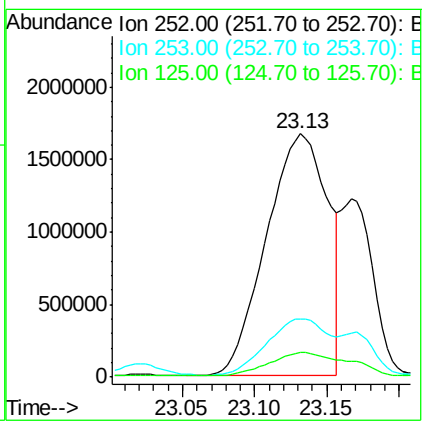


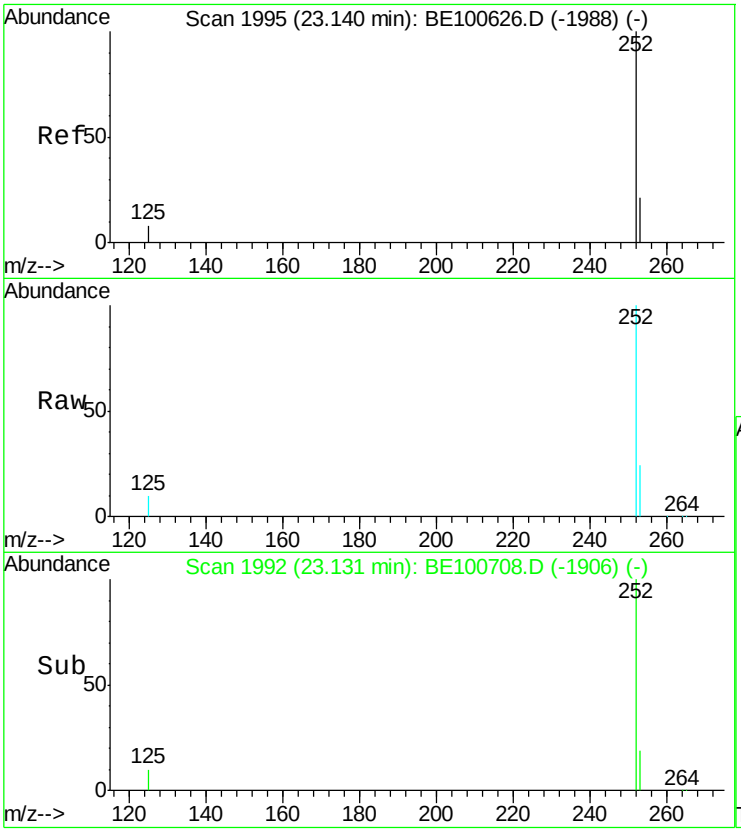


#35
Benzo(b)fluoranthene
Concen: 59.626 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.06 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:252 Resp: 4934225

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	10.0	7.6	11.4



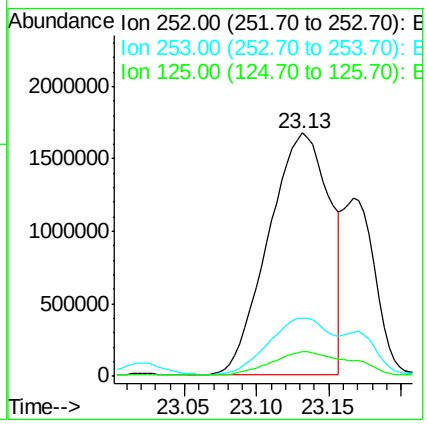


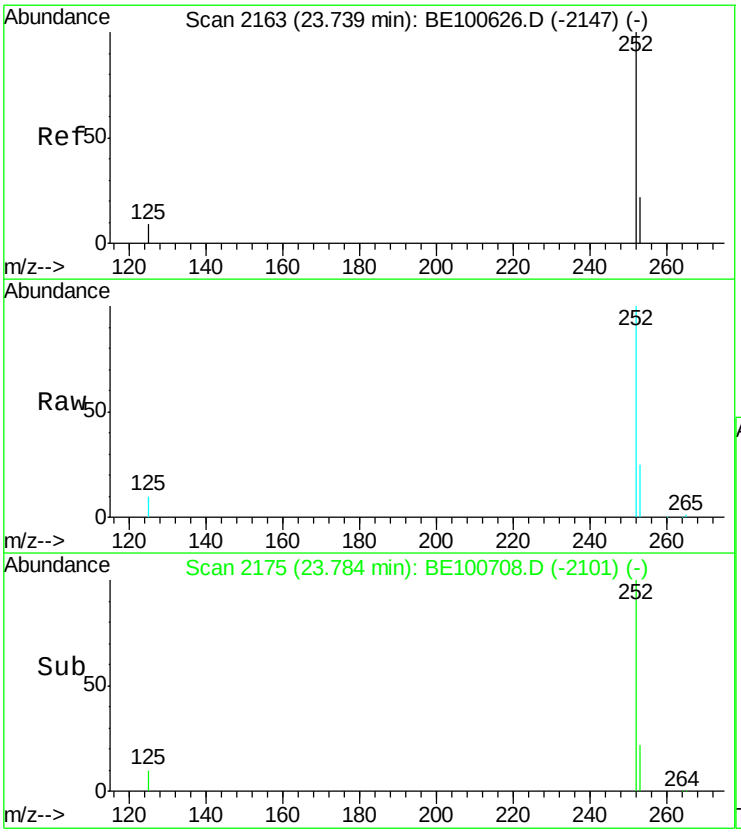
#36
Benzo(k)fluoranthene
Concen: 57.976 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:252 Resp: 4934225

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	10.0	11.6	17.4#

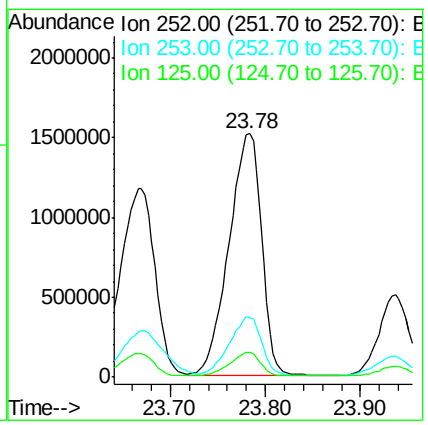


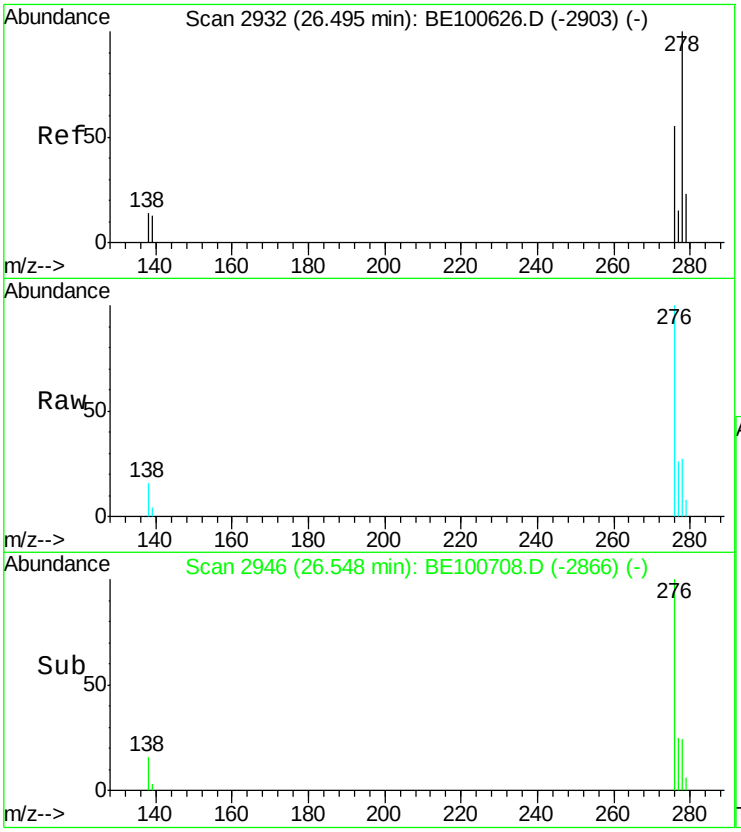


#37
Benzo(a)pyrene
Concen: 46.793 ng
RT: 23.78 min Scan# 2175
Delta R.T. 0.06 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:252 Resp: 3604428

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	10.0	8.2	12.4



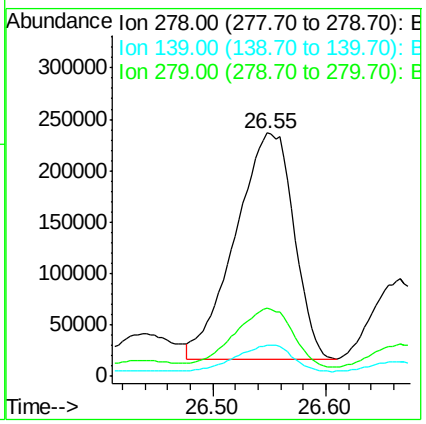


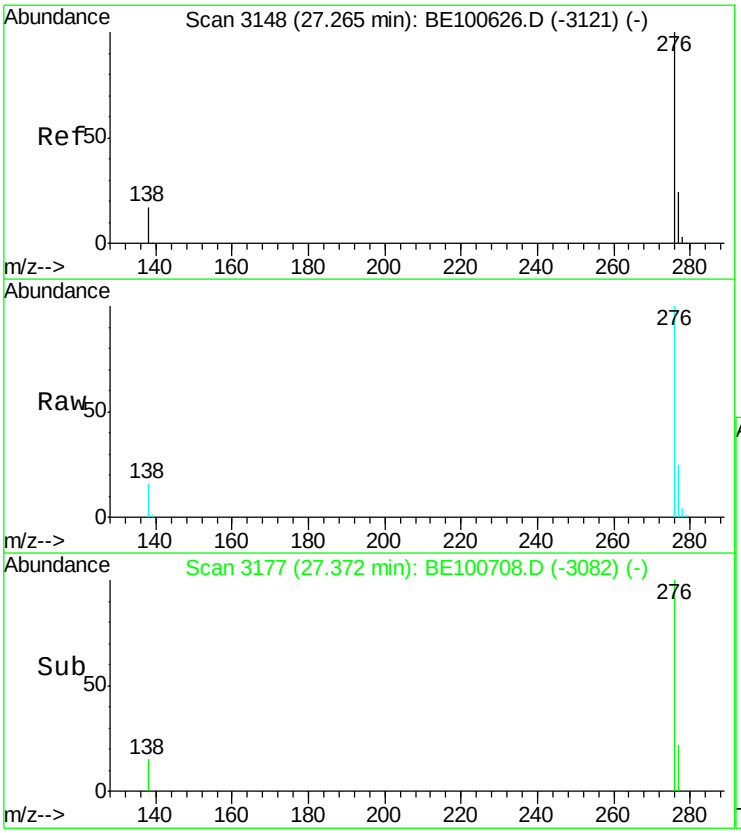
#38
Dibenzo(a,h)anthracene
Concen: 9.911 ng
RT: 26.55 min Scan# 2946
Delta R.T. 0.09 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Instrument :
BNA_E
ClientSampleId :
SO-4

Tgt Ion:278 Resp: 789090

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.9	16.3
279	27.8	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 42.054 ng
RT: 27.37 min Scan# 3177
Delta R.T. 0.14 min
Lab File: BE100708.D
Acq: 7 Nov 2019 19:13

Tgt Ion:276 Resp: 3367490

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.0
138	15.9	13.6	20.4