Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100331.D
Acq On : 3 Jul 2019 16:34
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 04 00:36:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	698	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2521	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2028	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6100	0.40	ng		0.00
27) Chrysene-d12	21.25	240	7112	0.40	ng		0.00
34) Perylene-d12	23.67	264	8527	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	638	0.36	ng		-0.01
5) Phenol-d6	6.83	99	901	0.38	ng		-0.01
8) Nitrobenzene-d5	8.81	82	1003	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2049	0.43	ng		-0.01
14) 2,4,6-Tribromophenol	15.82	330	488	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	3234	0.41	ng		0.00
25) Fluoranthene-d10	19.09	212	34851	0.39	ng		0.00
29) Terphenyl-d14	19.70	244	8223	0.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	380	0.351	ng	#	95
3) n-Nitrosodimethylamine	3.44	42	219	0.434	ng	#	66
6) bis(2-Chloroethyl)ether	7.07	93	853	0.443	ng		95
9) Naphthalene	10.48	128	11686	0.420	ng		99
10) Hexachlorobutadiene	10.74	225	1255	0.469	ng		97
12) 2-Methylnaphthalene	12.11	142	1907	0.391	ng		97
16) Acenaphthylene	14.04	152	4143	0.426	ng		99
17) Acenaphthene	14.37	154	2349	0.426	ng		99
18) Fluorene	15.35	166	3442	0.422	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	1722	0.442	ng	#	88
21) Hexachlorobenzene	16.36	284	1795	0.444	ng		97
22) Pentachlorophenol	16.73	266	235	0.193	ng		88
23) Phenanthrene	17.09	178	6052	0.409	ng		100
24) Anthracene	17.19	178	5266	0.396	ng		99
26) Fluoranthene	19.13	202	9662	0.410	ng		99
28) Pyrene	19.49	202	10027	0.533	ng		97
30) Benzo(a)anthracene	21.23	228	9815	0.420	ng		99
31) Chrysene	21.28	228	10156	0.433	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	17025	0.458	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	12047	0.388	ng		97
35) Benzo(b)fluoranthene	22.97	252	10768	0.466	ng		98
36) Benzo(k)fluoranthene	22.97	252	10768	0.417	ng	#	95
37) Benzo(a)pyrene	23.56	252	9791	0.423	ng	#	90
38) Dibenzo(a,h)anthracene	26.26	278	9053	0.374	ng		94
39) Benzo(g,h,i)perylene	27.02	276	10655	0.429	ng		96

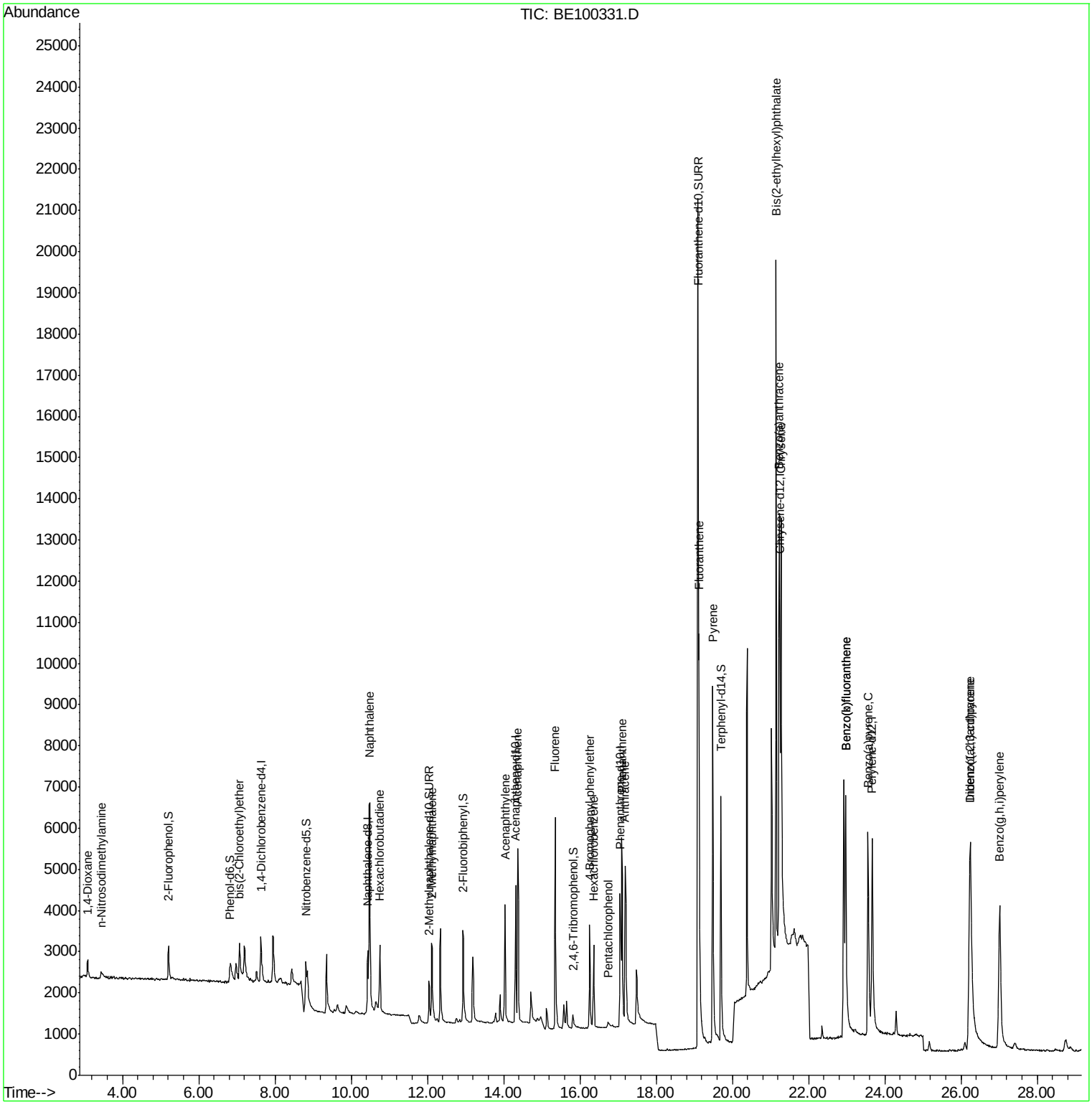
(#) = qualifier out of range (m) = manual integration (+) = signals summed

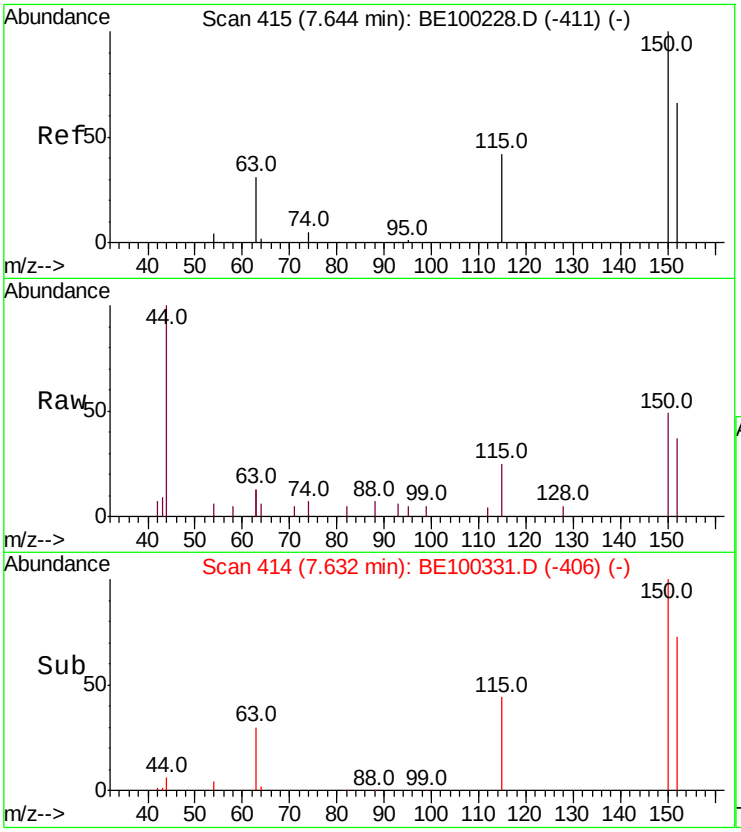
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100331.D
Acq On : 3 Jul 2019 16:34
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 04 00:36:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



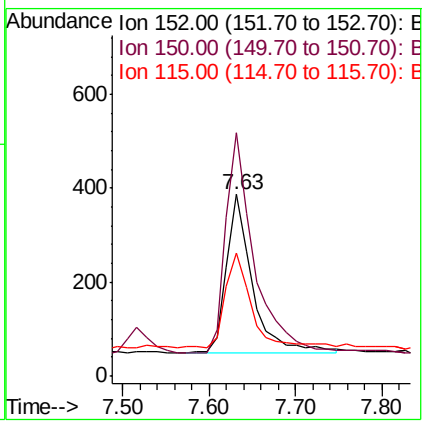


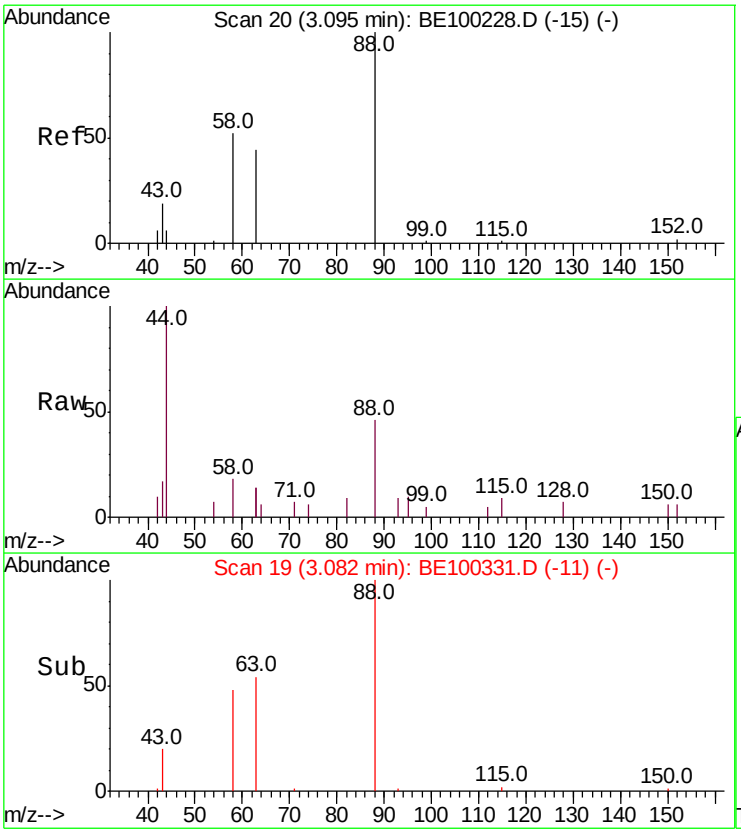
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 698

Ion	Ratio	Lower	Upper
152	100		
150	134.2	114.5	171.7
115	67.6	57.1	85.7

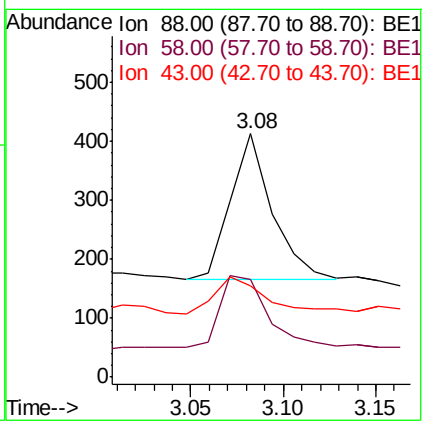


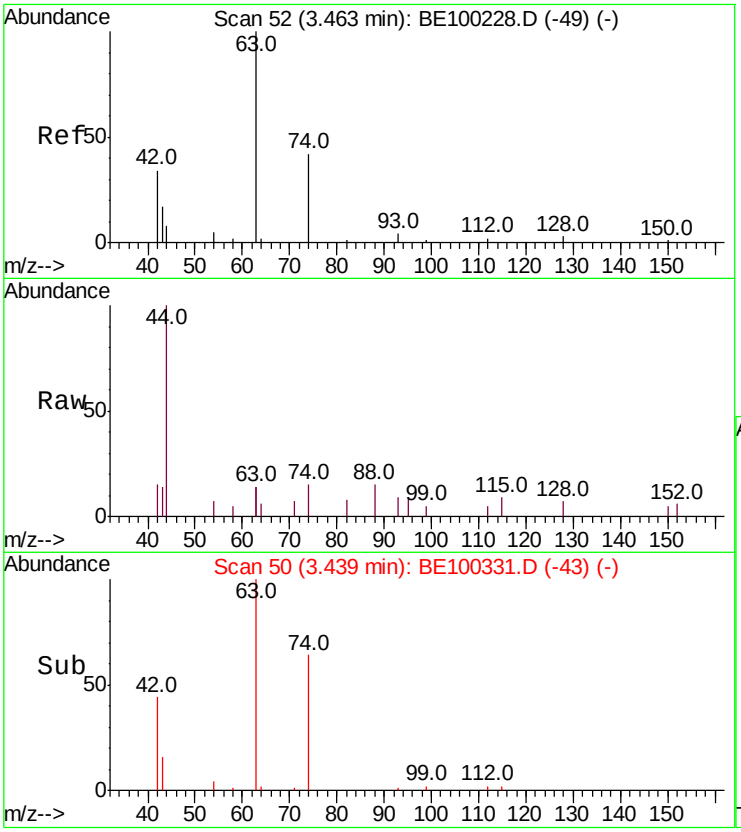


#2
1,4-Dioxane
Concen: 0.351 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion: 88 Resp: 380

Ion	Ratio	Lower	Upper
88	100		
58	56.3	43.6	65.4
43	32.6	21.4	32.0#



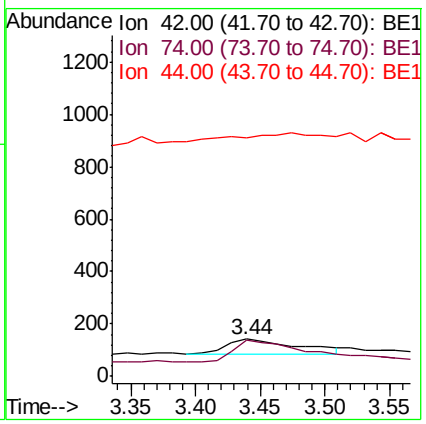


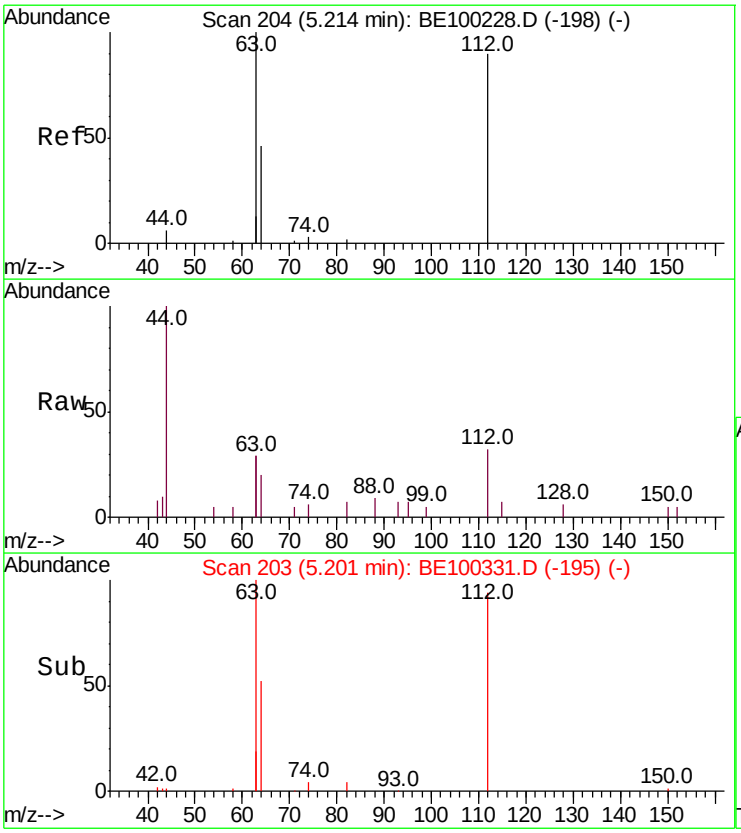
#3
n-Nitrosodimethylamine
Concen: 0.434 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 219

Ion	Ratio	Lower	Upper
42	100		
74	132.0	130.6	196.0
44	0.0	38.0	57.0#

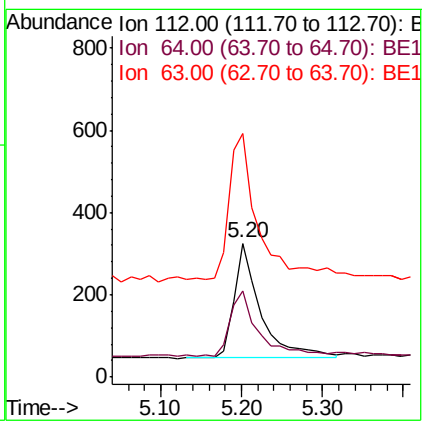


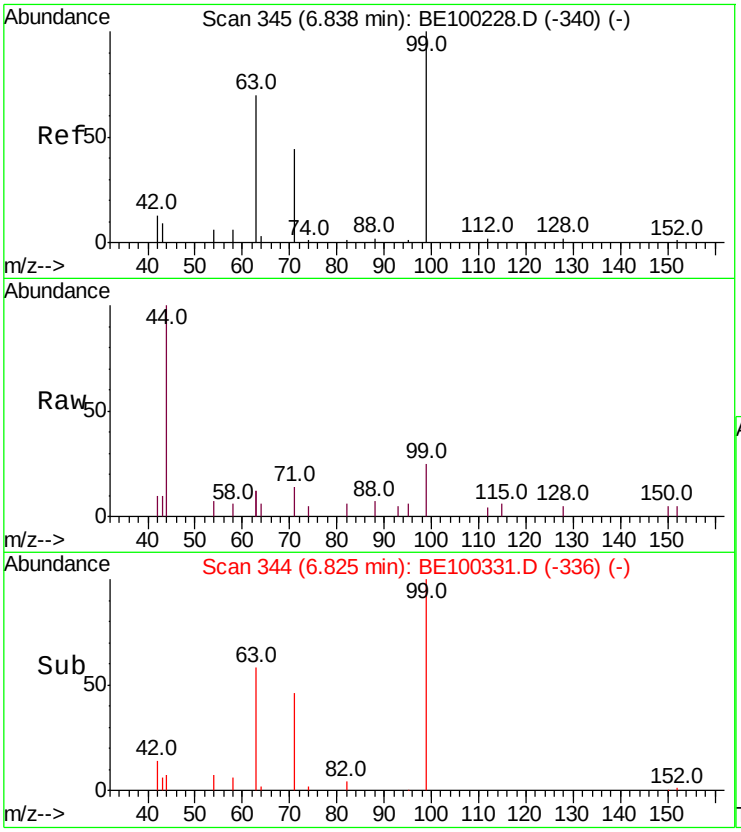


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:112 Resp: 638

Ion	Ratio	Lower	Upper
112	100		
64	58.9	39.4	59.0
63	148.7	104.5	156.7



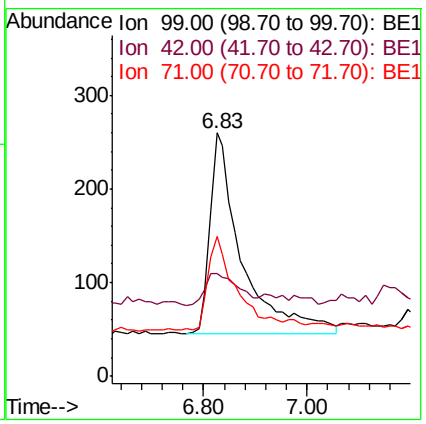


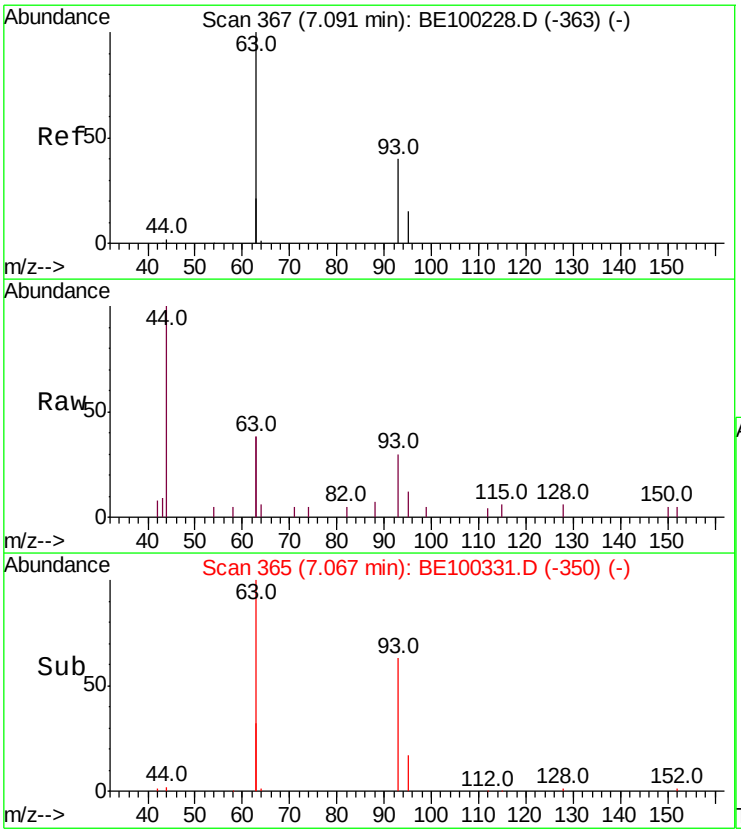
#5
Phenol-d6
Concen: 0.385 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 901

Ion	Ratio	Lower	Upper
99	100		
42	17.4	11.2	16.8#
71	42.5	37.2	55.8

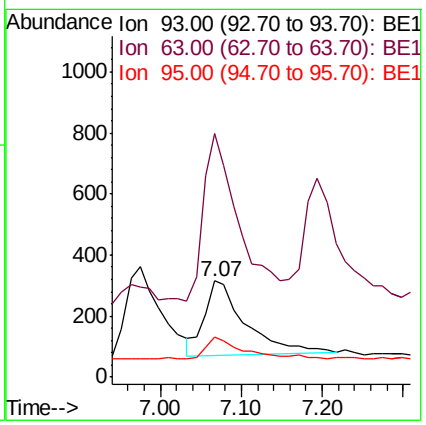


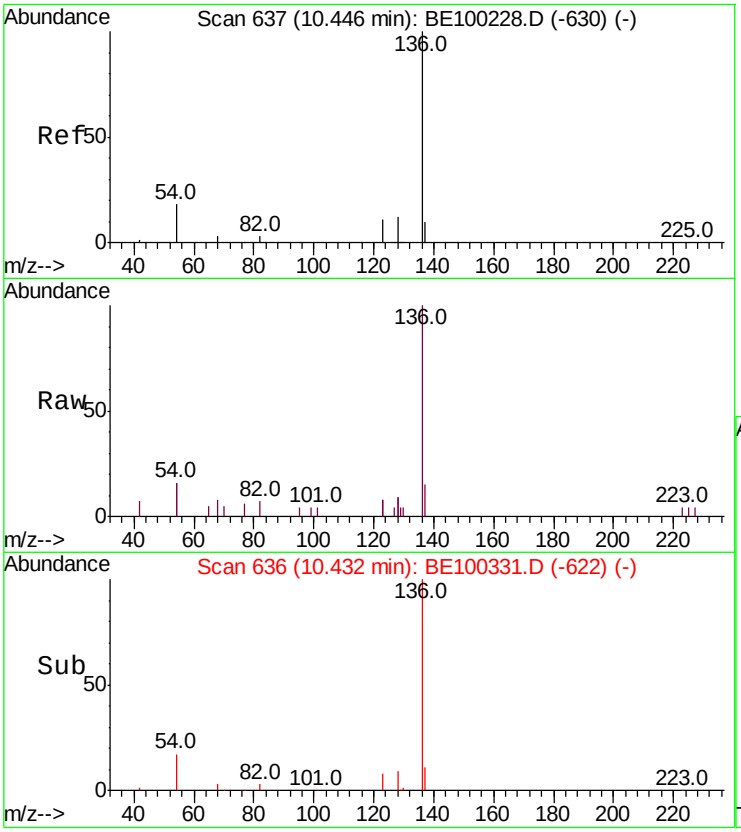


#6
bis(2-Chloroethyl)ether
Concen: 0.443 ng
RT: 7.07 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion: 93 Resp: 853

Ion	Ratio	Lower	Upper
93	100		
63	187.1	155.6	233.4
95	27.7	23.0	34.4



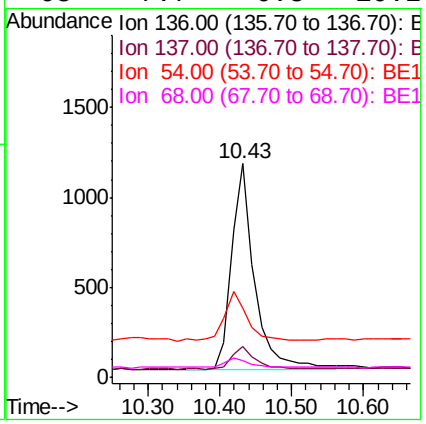


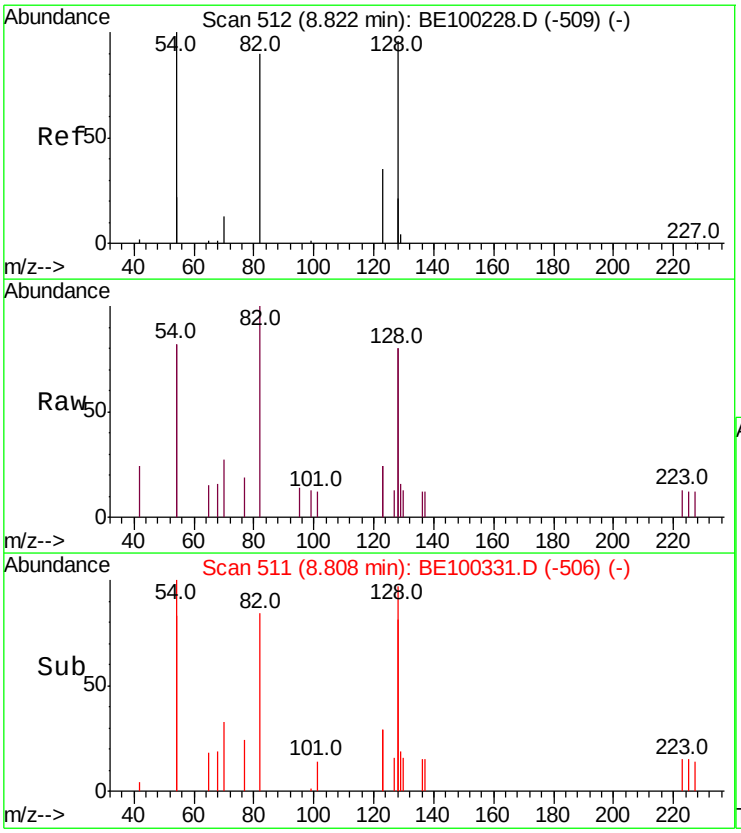
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 2521

Ion	Ratio	Lower	Upper
136	100		
137	14.6	11.8	17.8
54	32.2	27.7	41.5
68	7.7	6.8	10.2

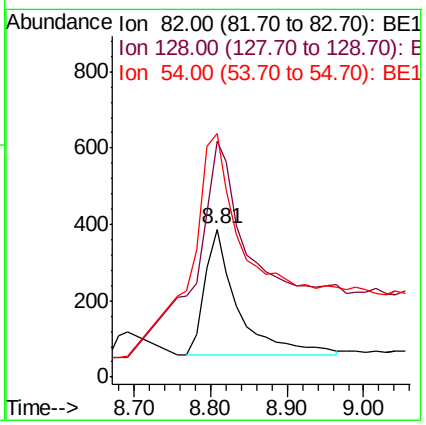


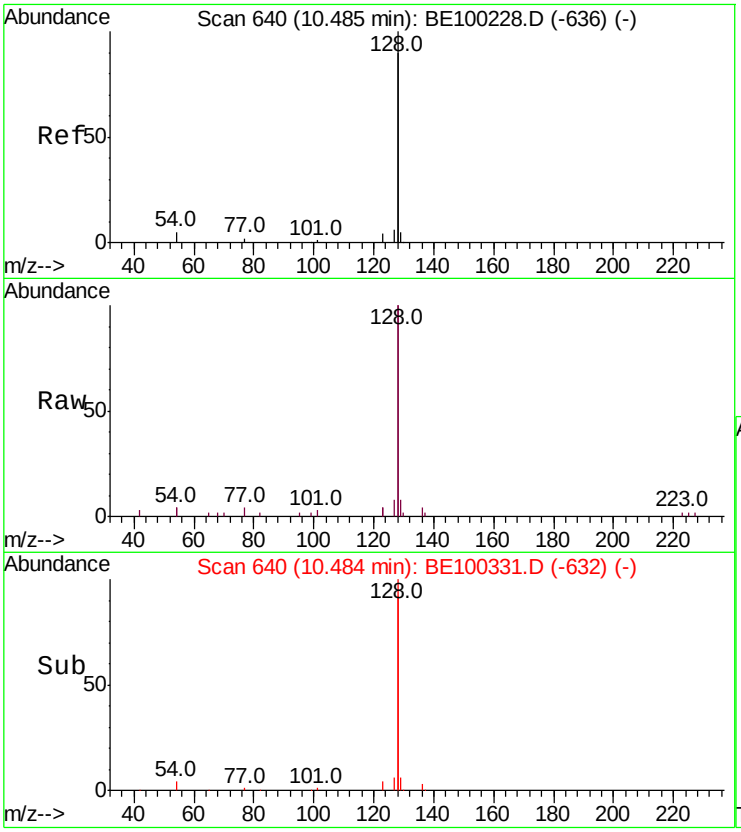


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion: 82 Resp: 1003

Ion	Ratio	Lower	Upper
82	100		
128	159.7	140.9	211.3
54	164.9	146.2	219.2



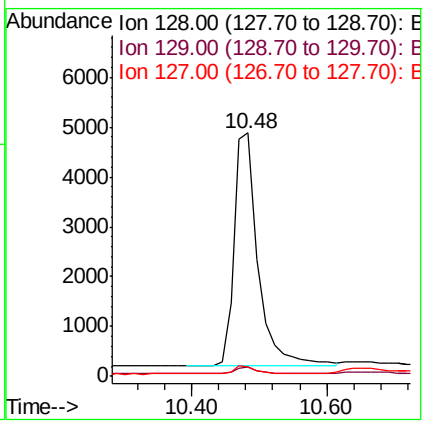


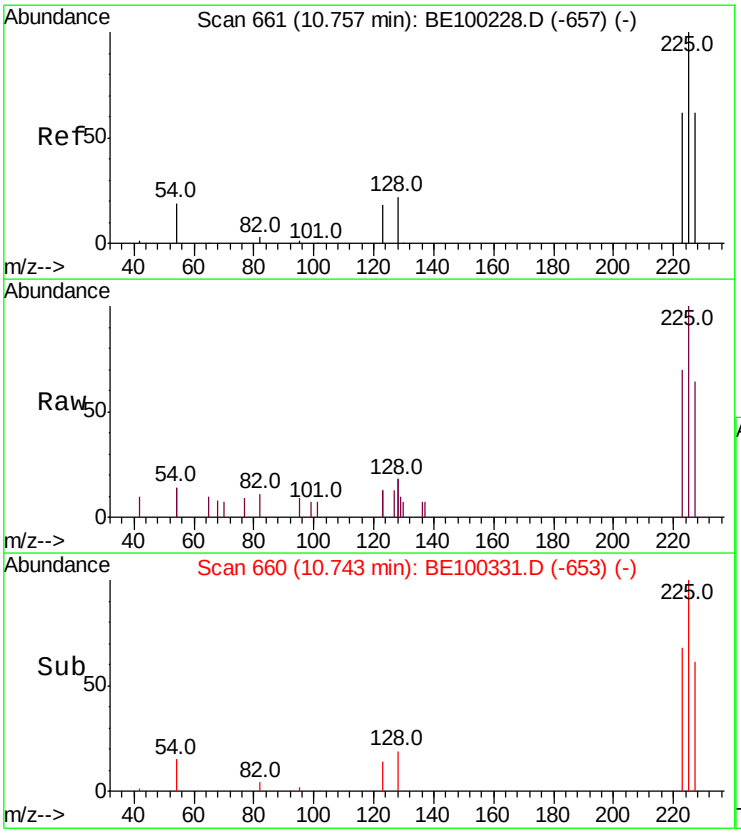
#9
Naphthalene
Concen: 0.420 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 11686

Ion	Ratio	Lower	Upper
128	100		
129	3.8	3.0	4.6
127	4.1	3.5	5.3

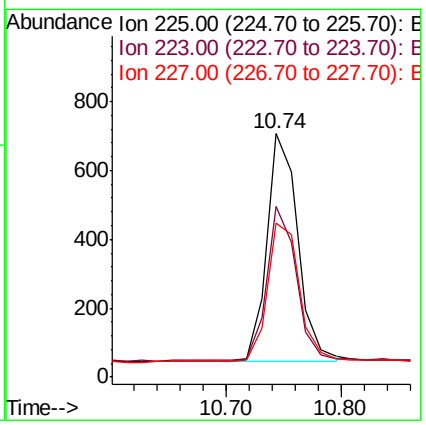


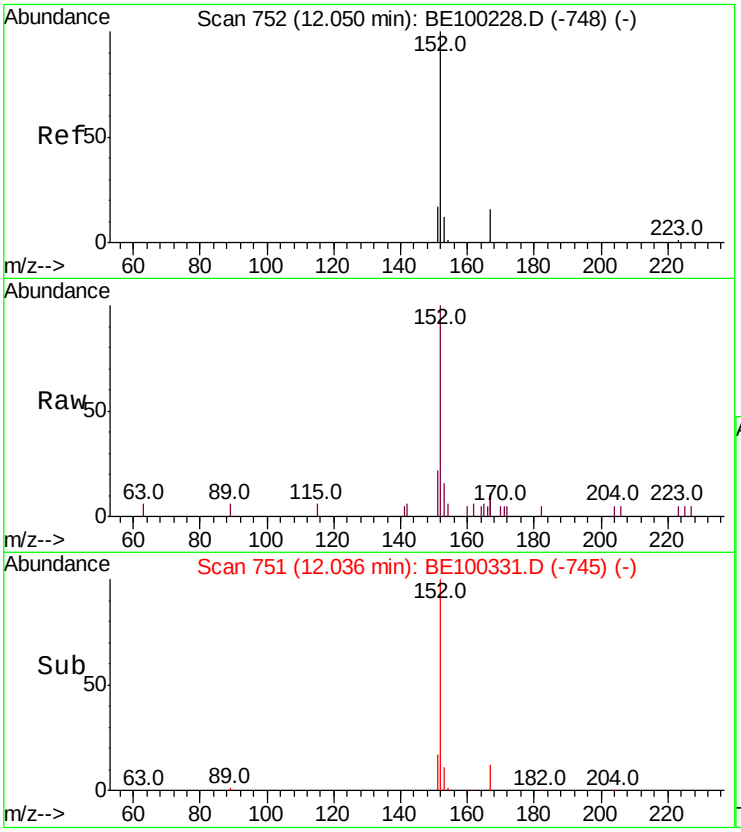


#10
Hexachlorobutadiene
Concen: 0.469 ng
RT: 10.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:225 Resp: 1255

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.1	73.7
227	63.0	49.3	73.9



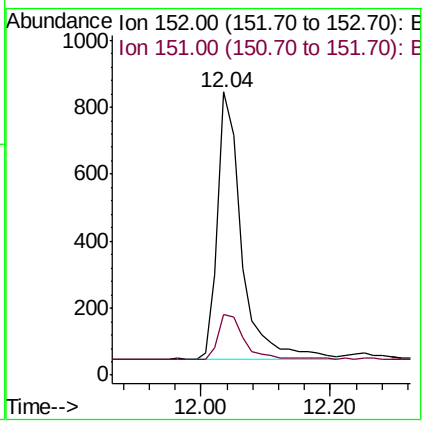


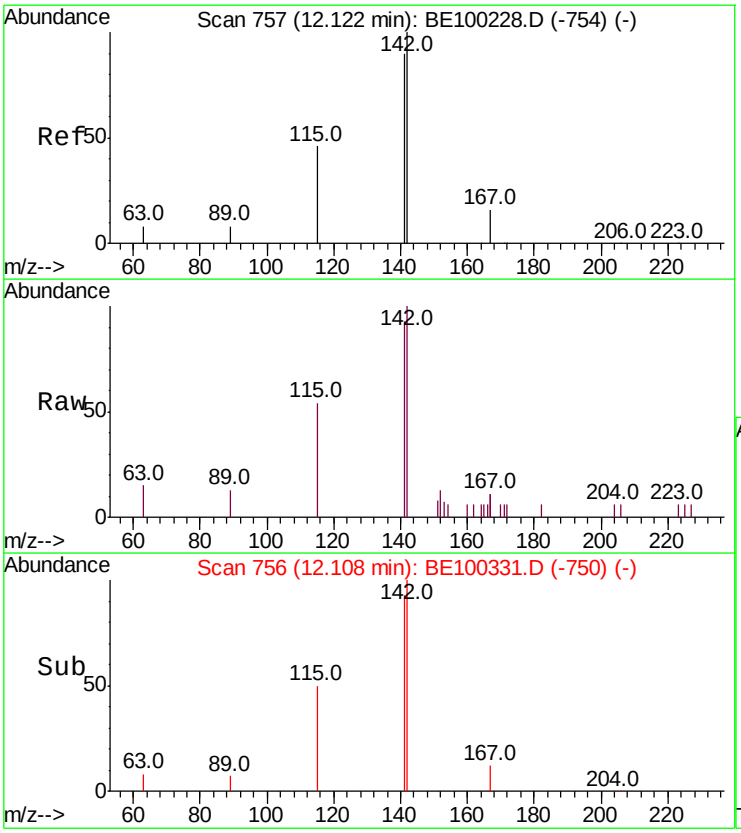
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2049

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.1	22.7

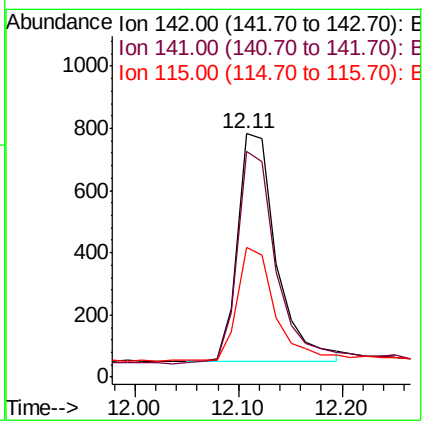


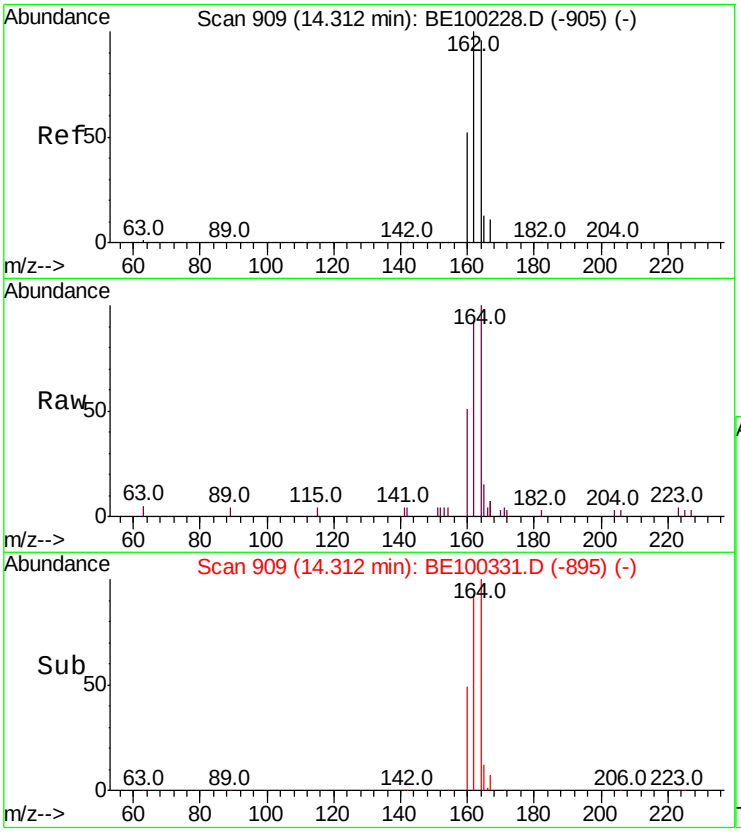


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:142 Resp: 1907

Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.4	108.6
115	53.5	40.4	60.6



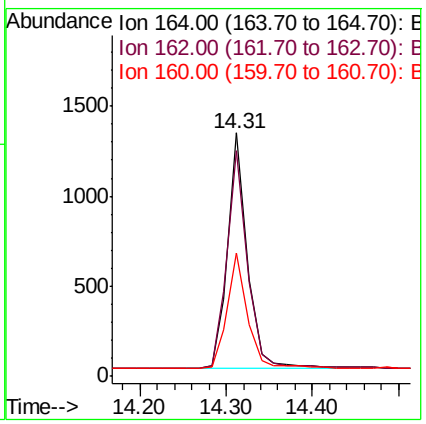


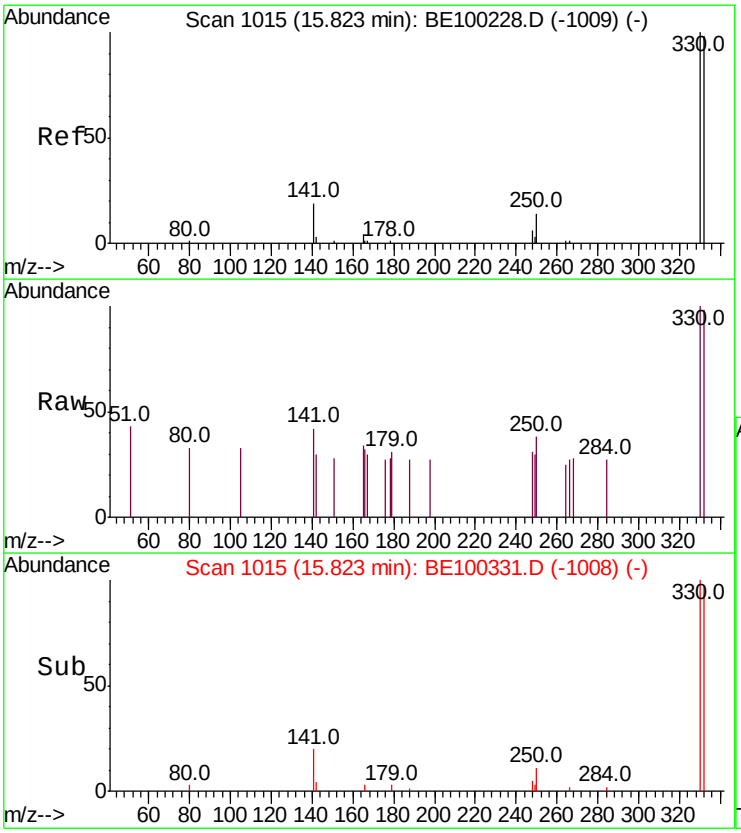
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2028

Ion	Ratio	Lower	Upper
164	100		
162	92.7	83.4	125.0
160	50.6	45.0	67.6

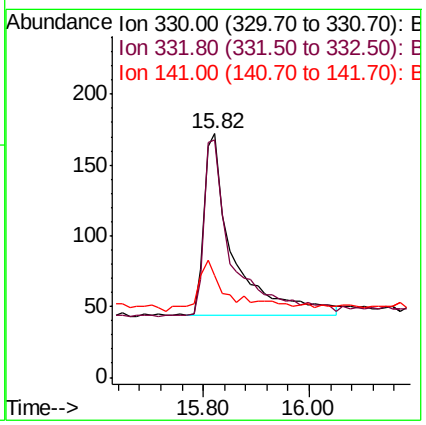


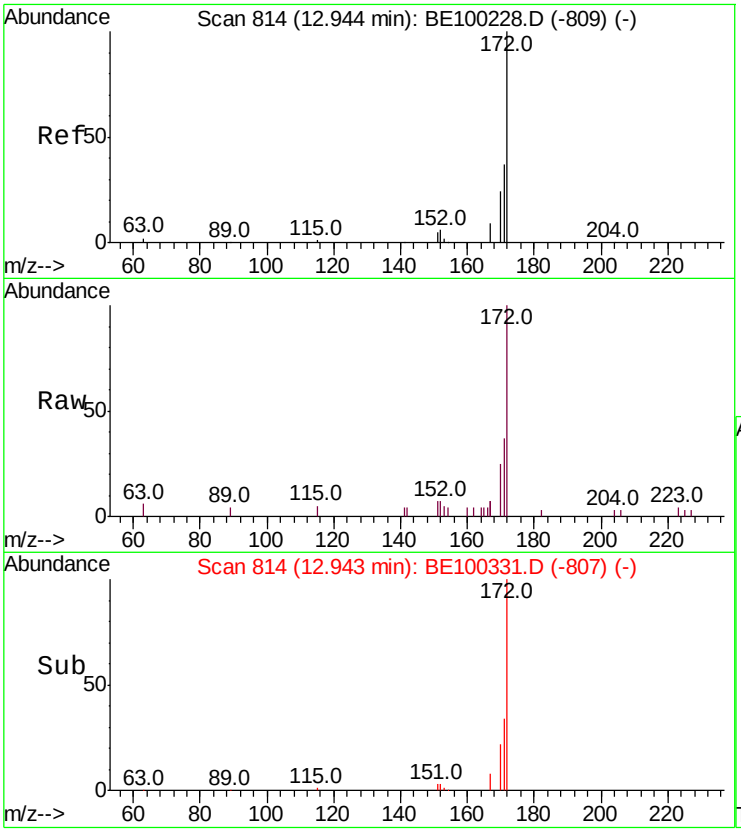


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:330 Resp: 488

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.4
141	20.5	22.0	33.0#



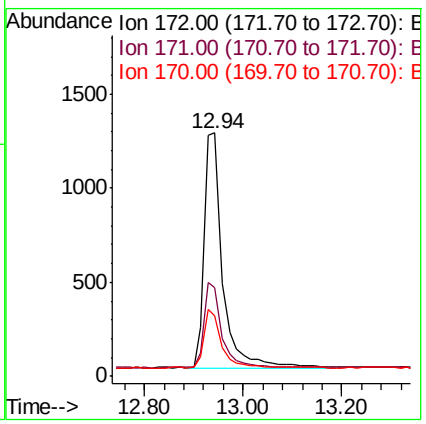


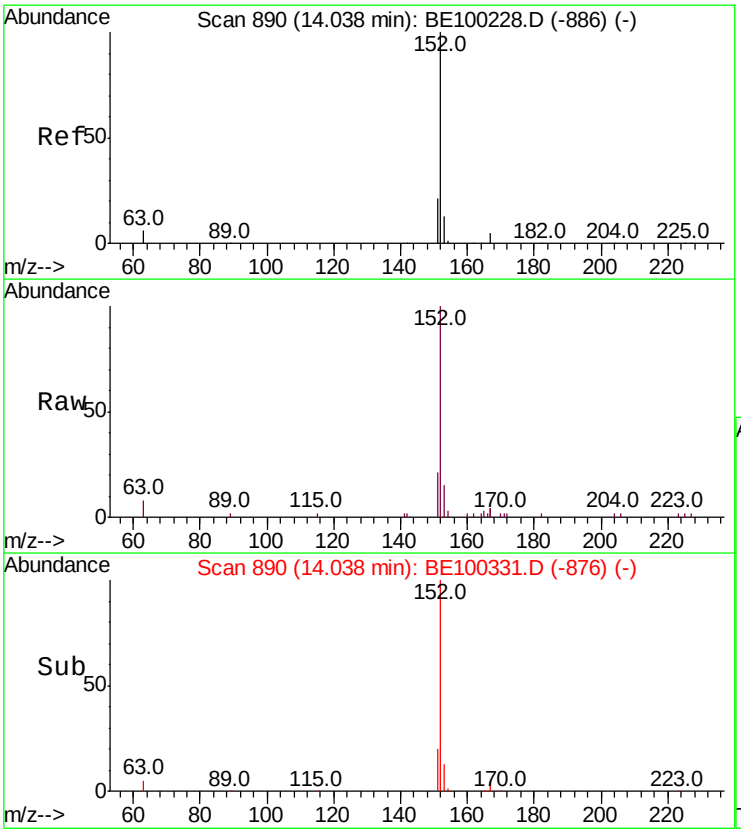
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3234

Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.9	47.9
170	25.1	22.2	33.2

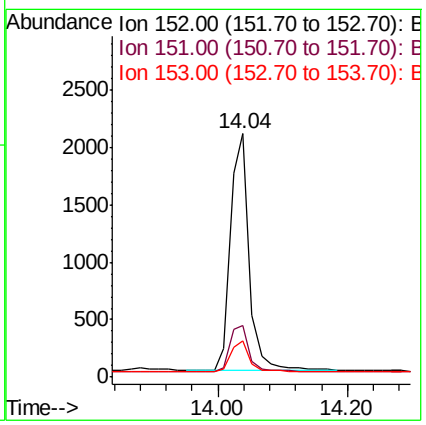


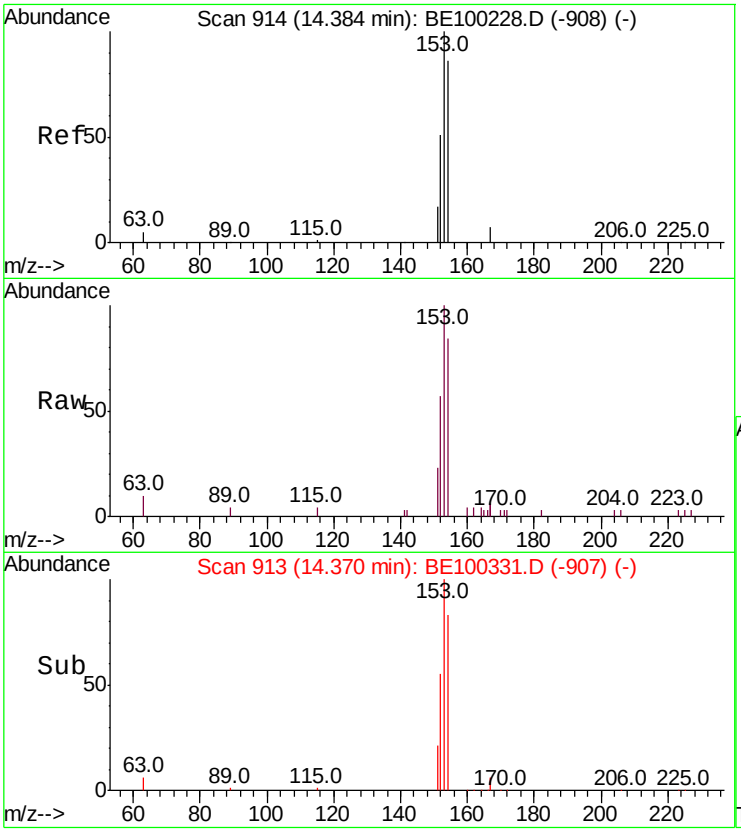


#16
Acenaphthylene
Concen: 0.426 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:152 Resp: 4143

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	25.0
153	13.4	10.5	15.7



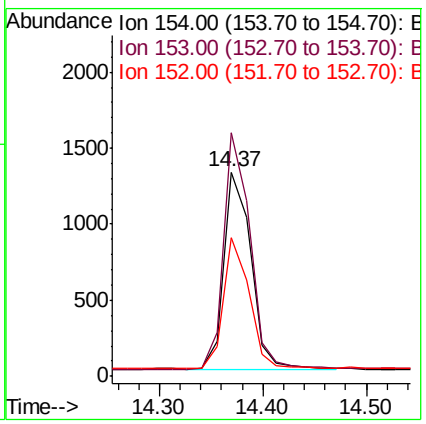


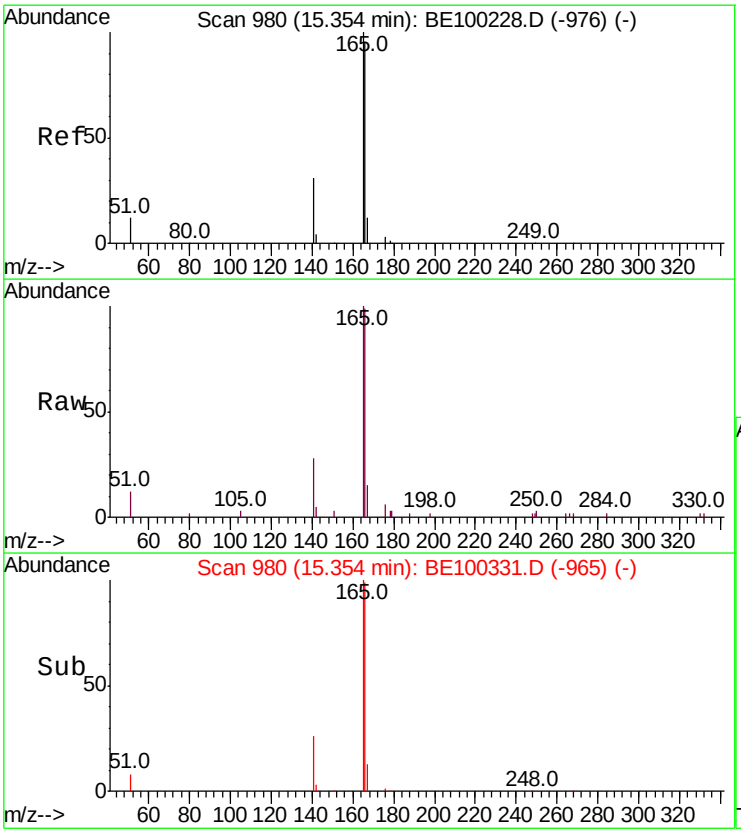
#17
Acenaphthene
Concen: 0.426 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2349

Ion	Ratio	Lower	Upper
154	100		
153	117.5	93.4	140.2
152	63.3	49.4	74.2

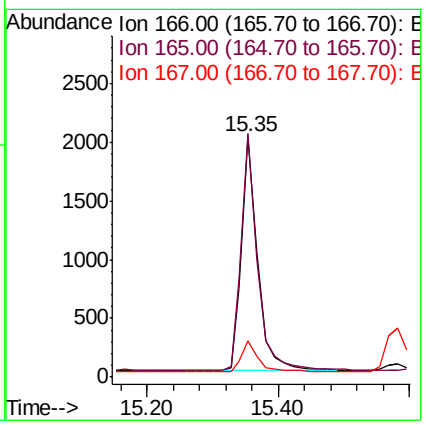


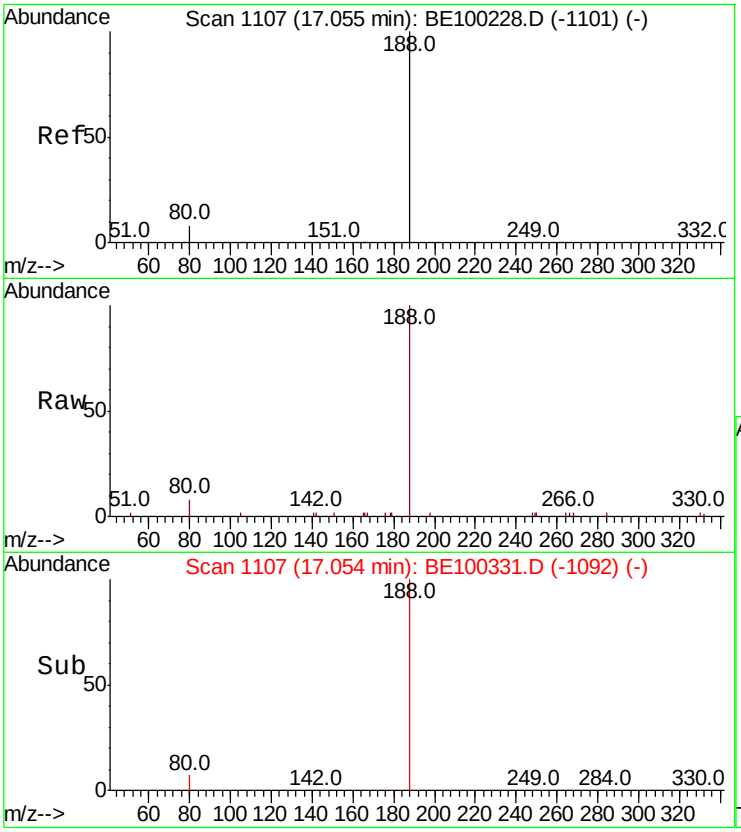


#18
Fluorene
Concen: 0.422 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:166 Resp: 3442

Ion	Ratio	Lower	Upper
166	100		
165	101.8	81.1	121.7
167	14.1	10.7	16.1



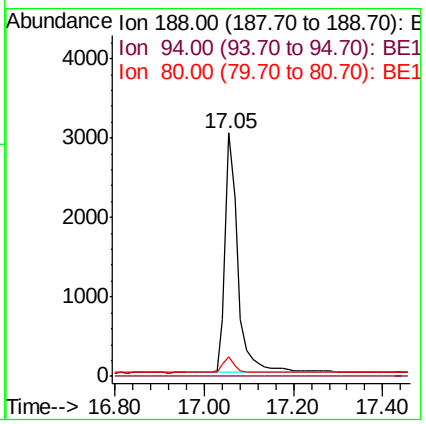


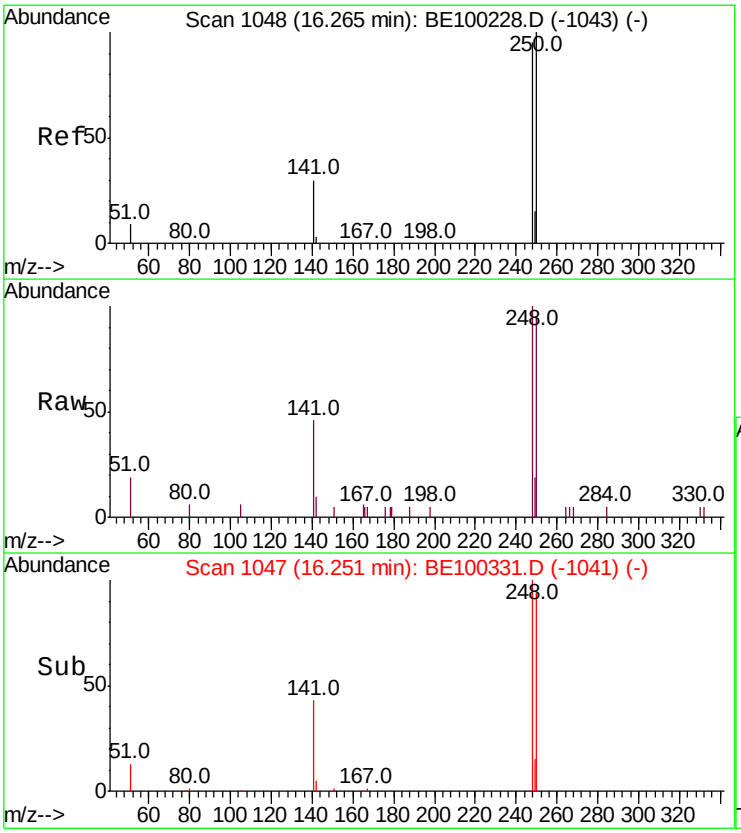
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 6100

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	7.6	11.4

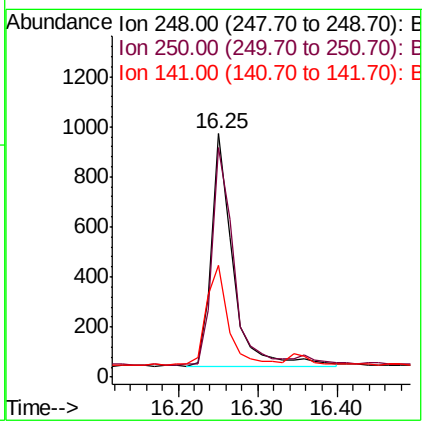


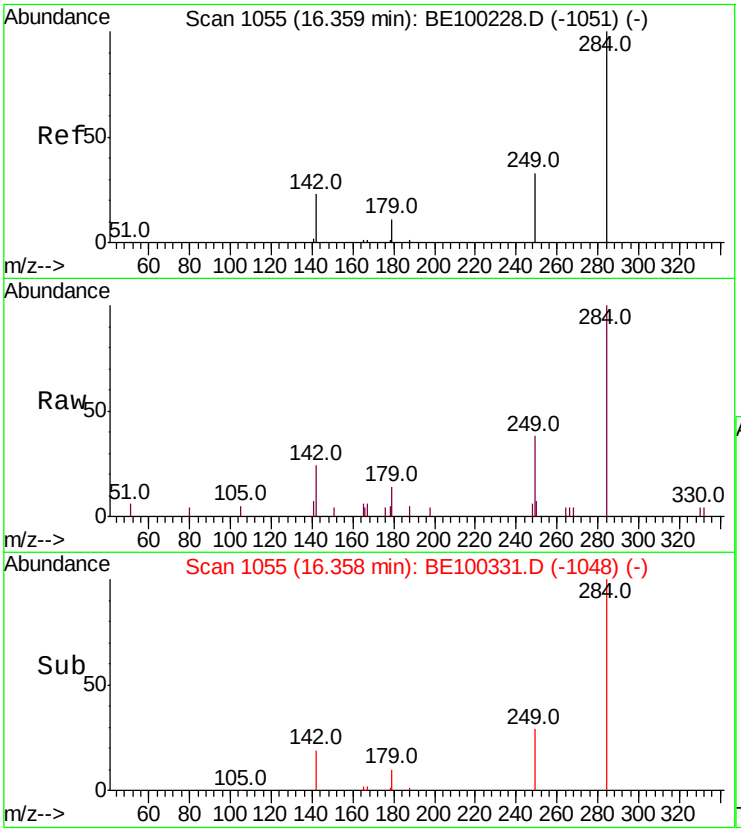


#20
4-Bromophenyl-phenylether
Concen: 0.442 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:248 Resp: 1722

Ion	Ratio	Lower	Upper
248	100		
250	94.5	84.2	126.4
141	46.0	29.3	43.9#



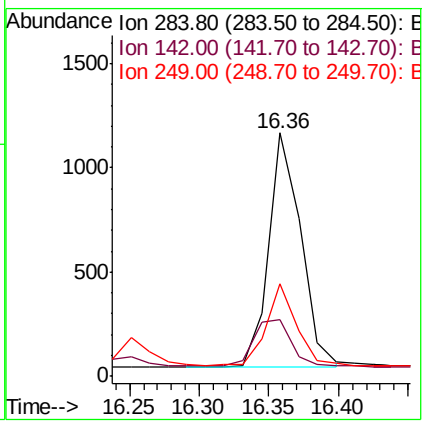


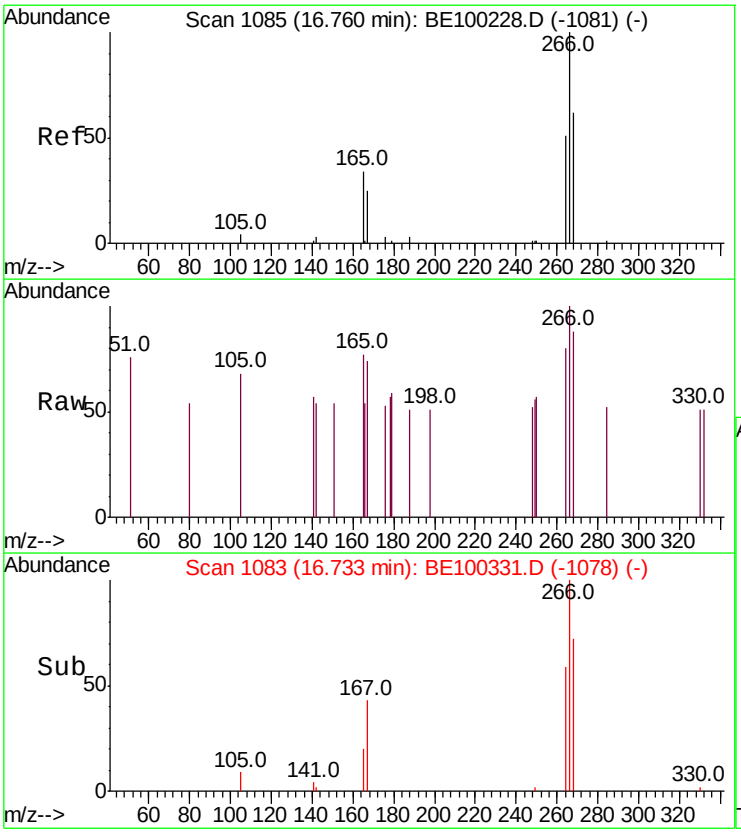
#21
Hexachlorobenzene
Concen: 0.444 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1795

Ion	Ratio	Lower	Upper
284	100		
142	23.1	18.8	28.2
249	32.1	23.7	35.5

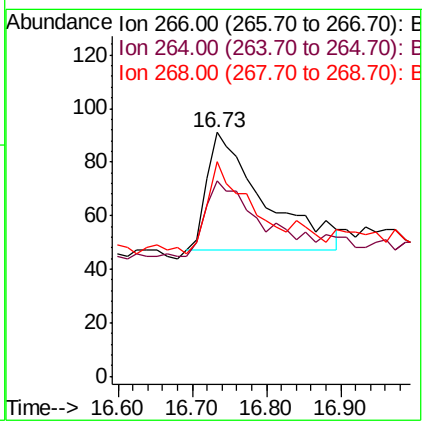


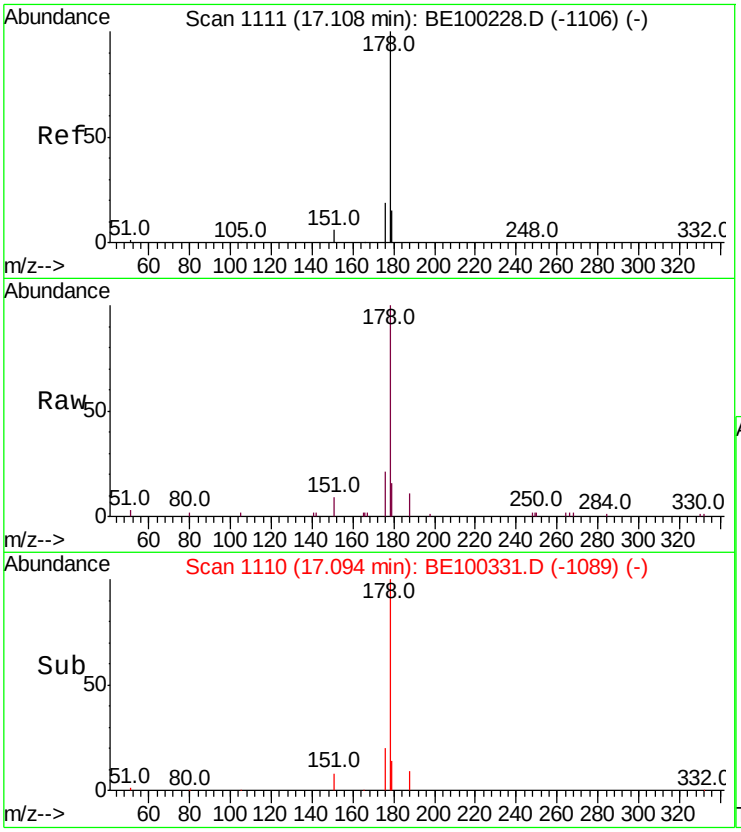


#22
Pentachlorophenol
Concen: 0.193 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:266 Resp: 235

Ion	Ratio	Lower	Upper
266	100		
264	80.2	56.2	84.2
268	87.9	61.8	92.6



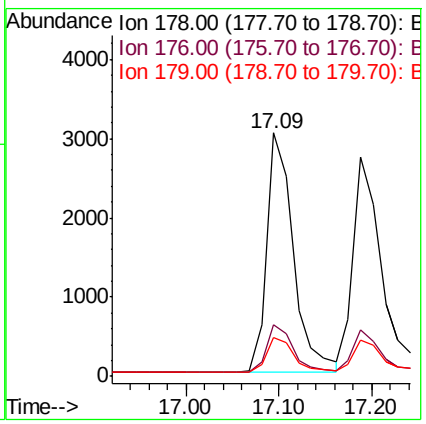


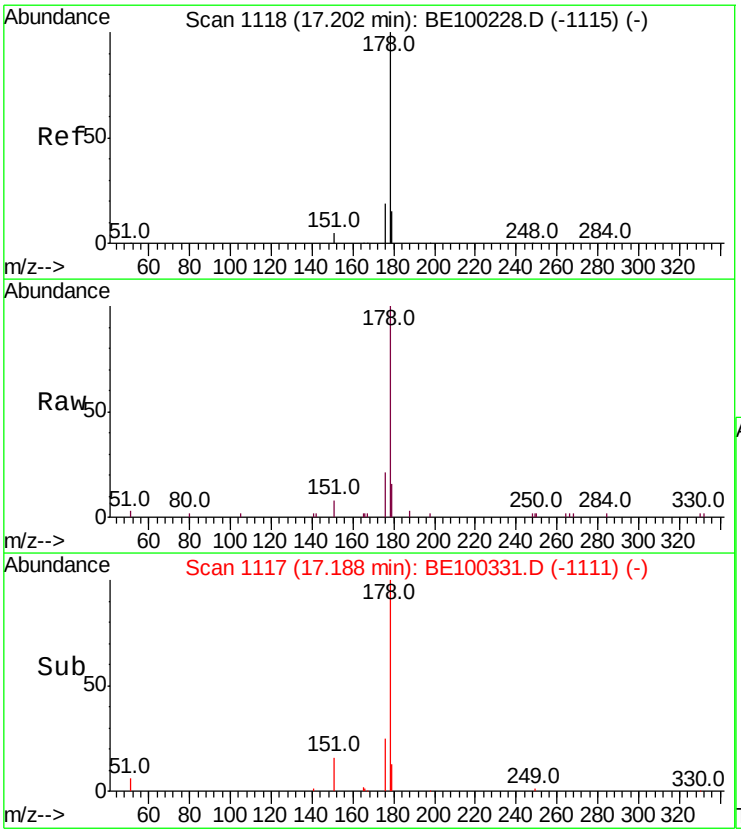
#23
Phenanthrene
Concen: 0.409 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6052

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.1	12.2	18.2

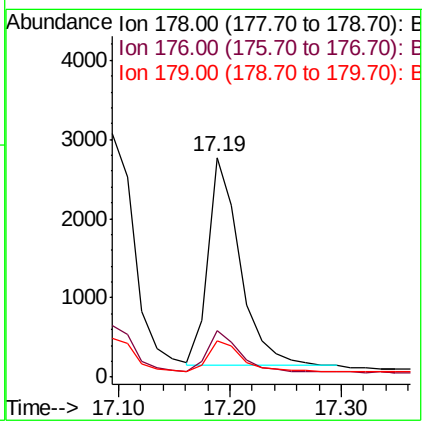


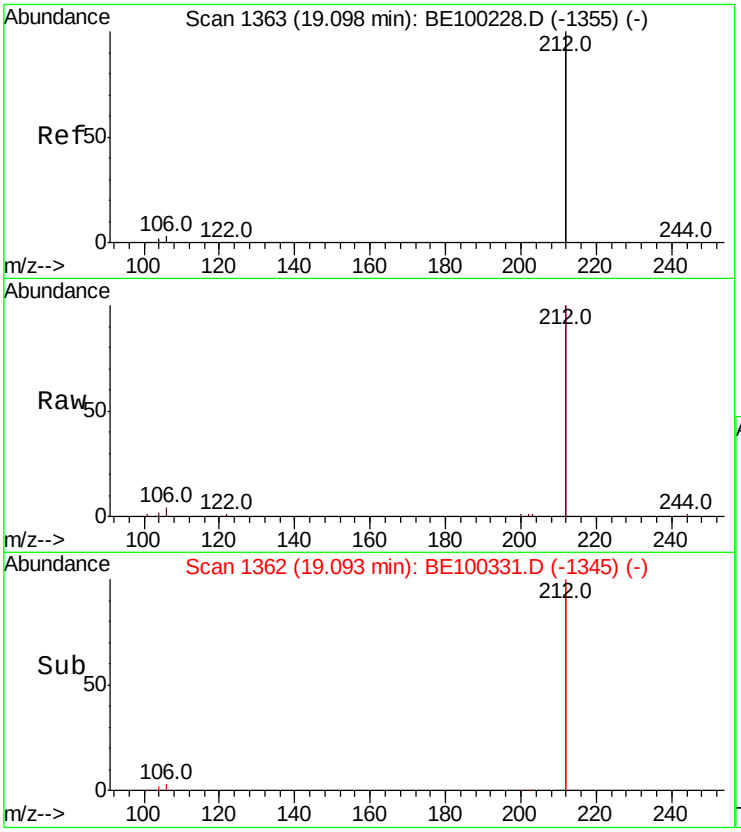


#24
Anthracene
Concen: 0.396 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:178 Resp: 5266

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.0	12.2	18.2



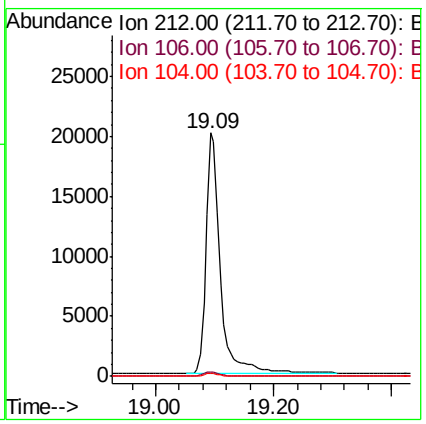


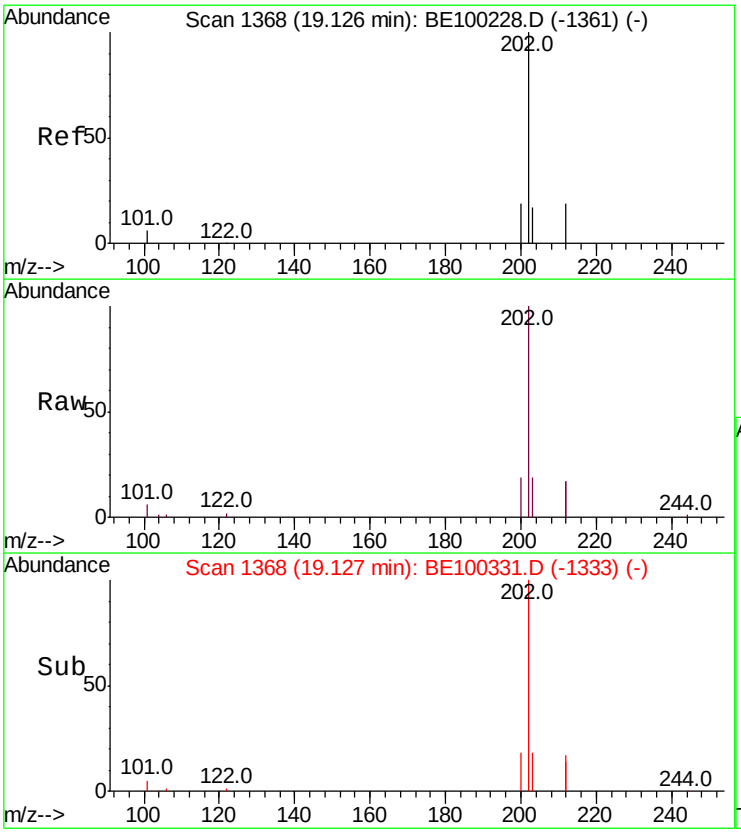
#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 34851

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	0.9	0.8	1.2

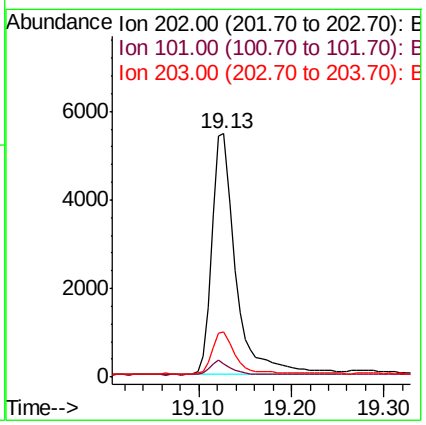


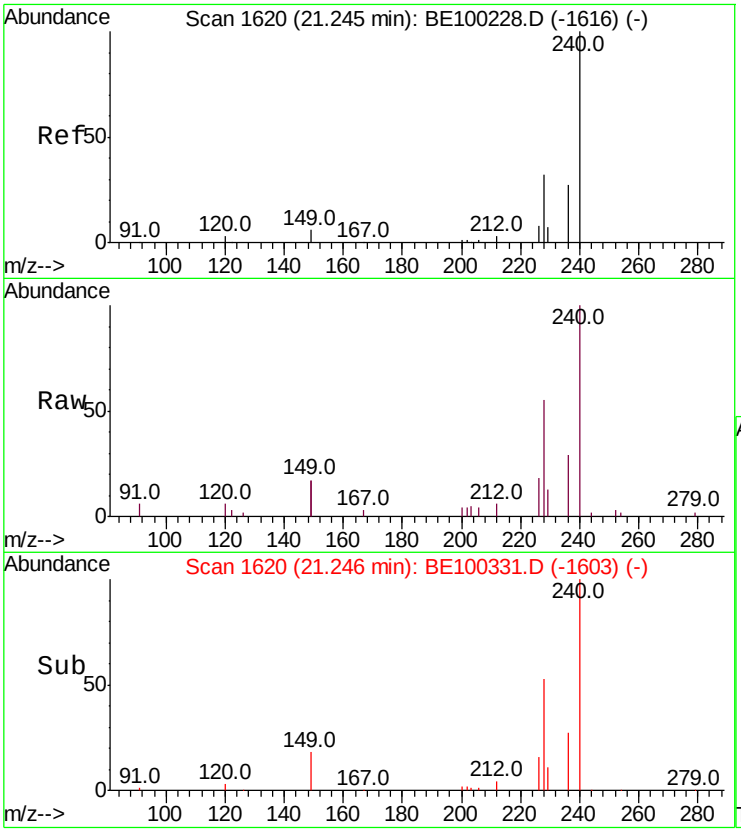


#26
Fluoranthene
Concen: 0.410 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:202 Resp: 9662

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	7.0
203	17.3	13.7	20.5



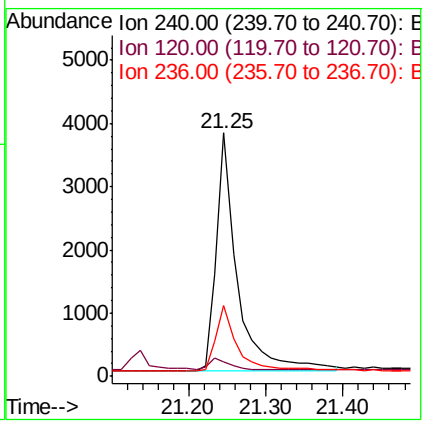


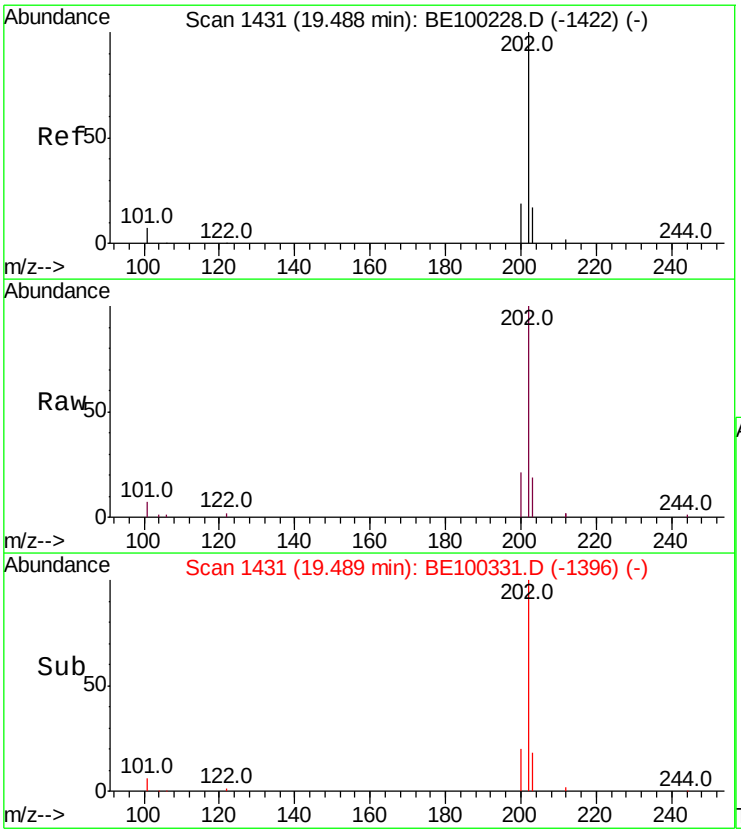
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 7112

Ion	Ratio	Lower	Upper
240	100		
120	6.0	3.3	4.9#
236	28.9	22.6	34.0

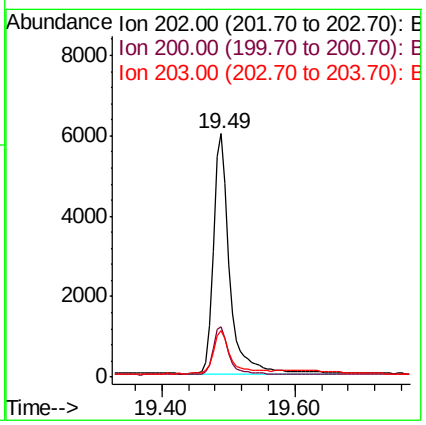


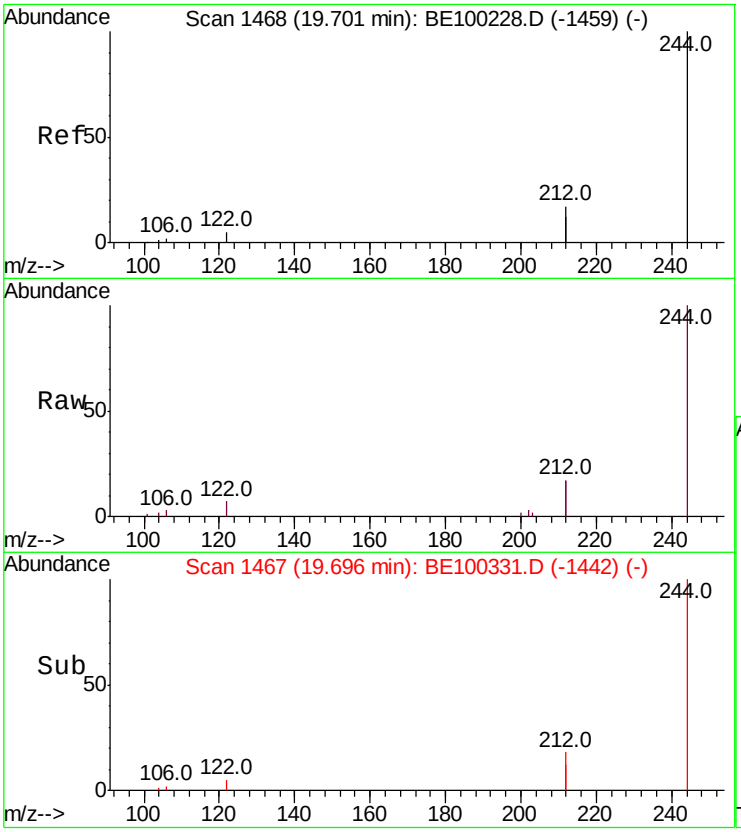


#28
Pyrene
Concen: 0.533 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:202 Resp: 10027

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	19.9	14.0	21.0



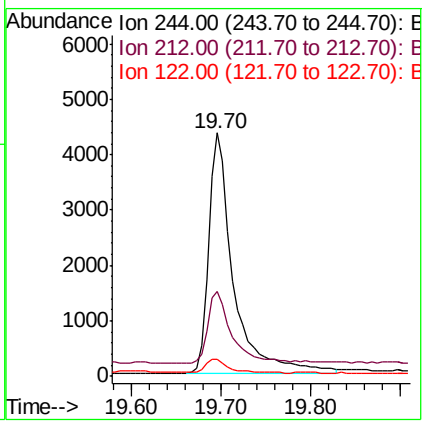


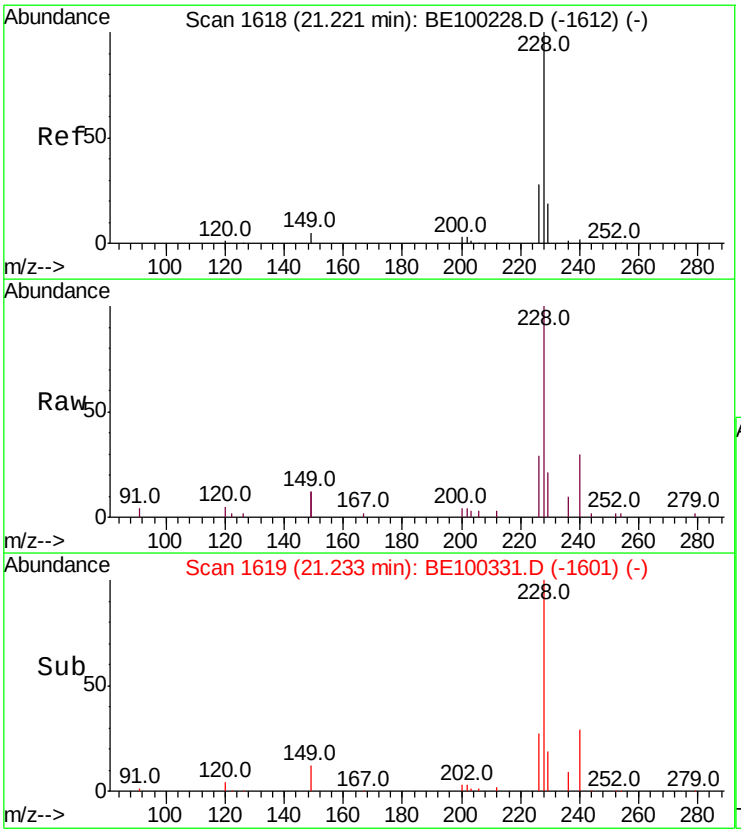
#29
Terphenyl-d14
Concen: 0.558 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 8223

Ion	Ratio	Lower	Upper
244	100		
212	34.9	27.3	40.9
122	6.9	4.7	7.1

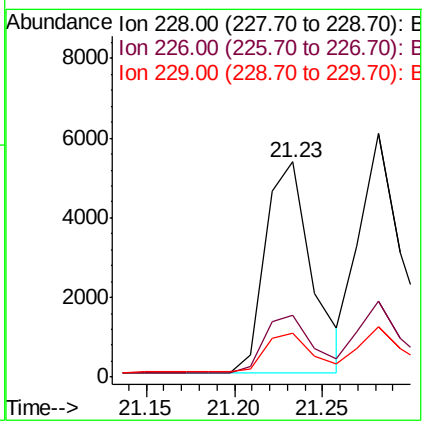


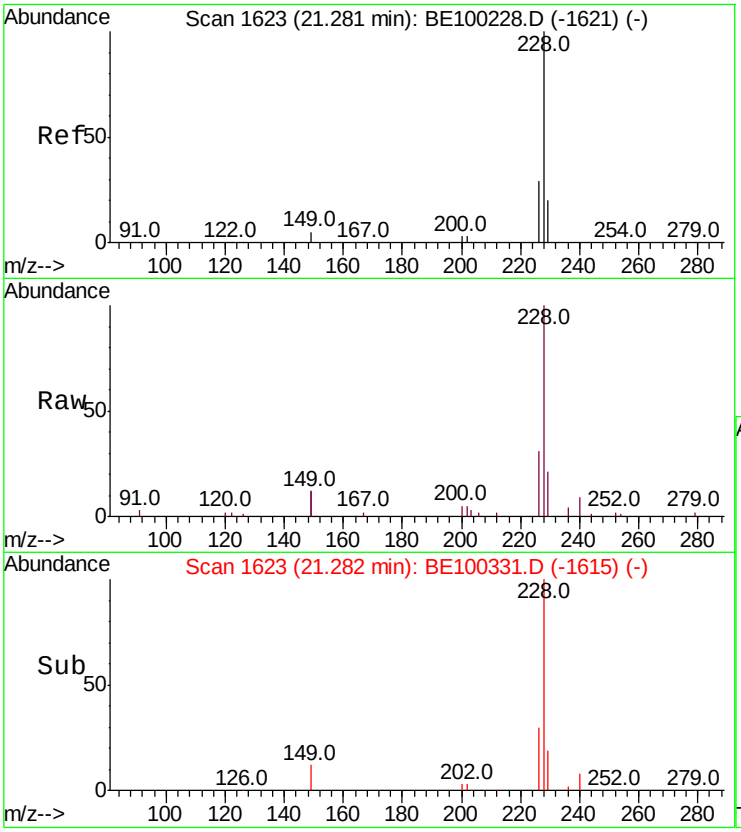


#30
Benzo(a)anthracene
Concen: 0.420 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:228 Resp: 9815

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	20.6	15.7	23.5



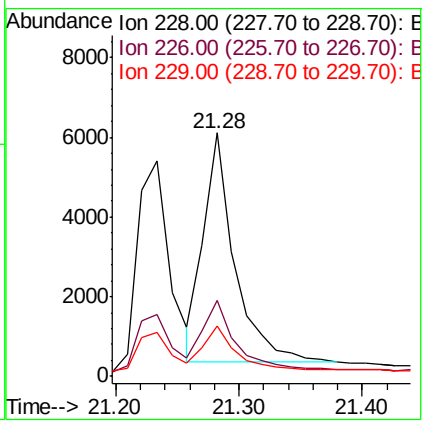


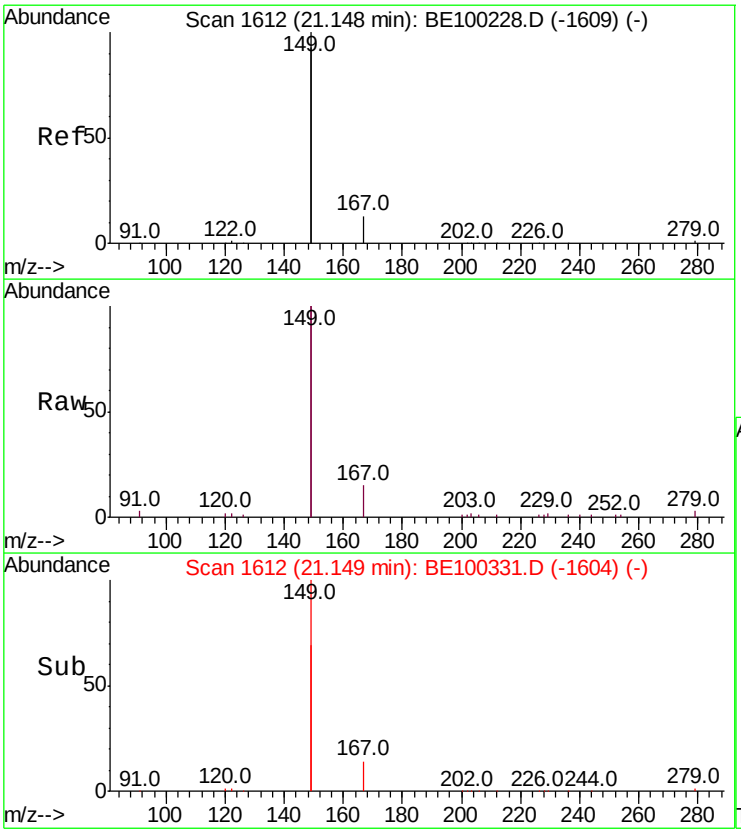
#31
Chrysene
Concen: 0.433 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10156

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	20.7	16.5	24.7

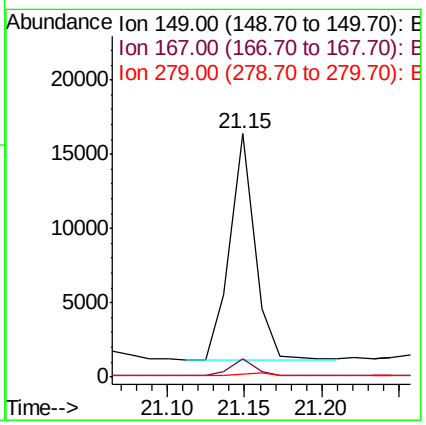


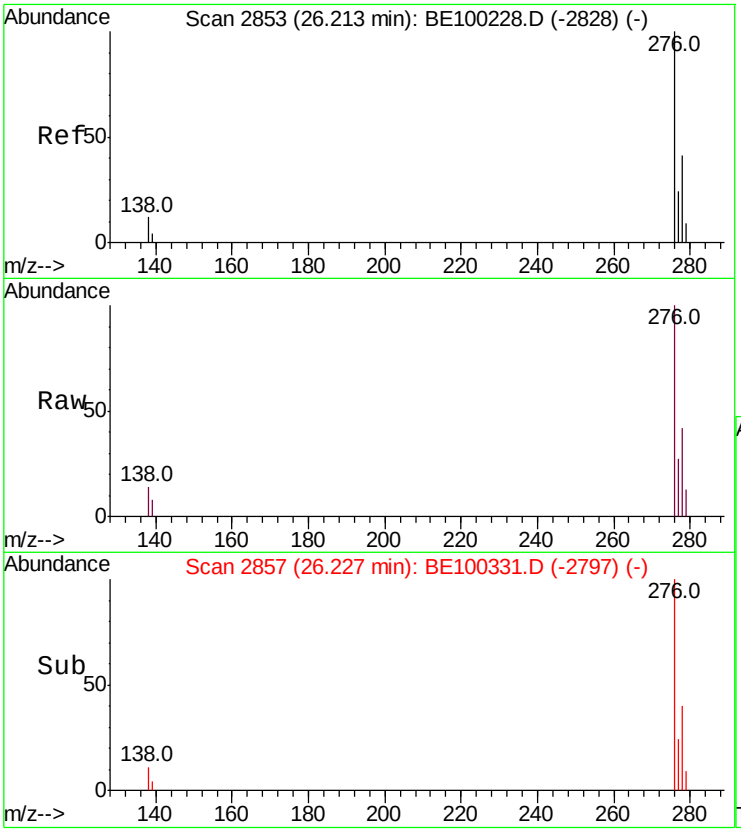


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.458 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:149 Resp: 17025

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.6	1.1	1.7



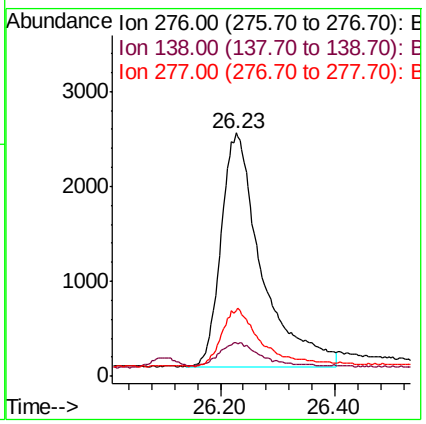


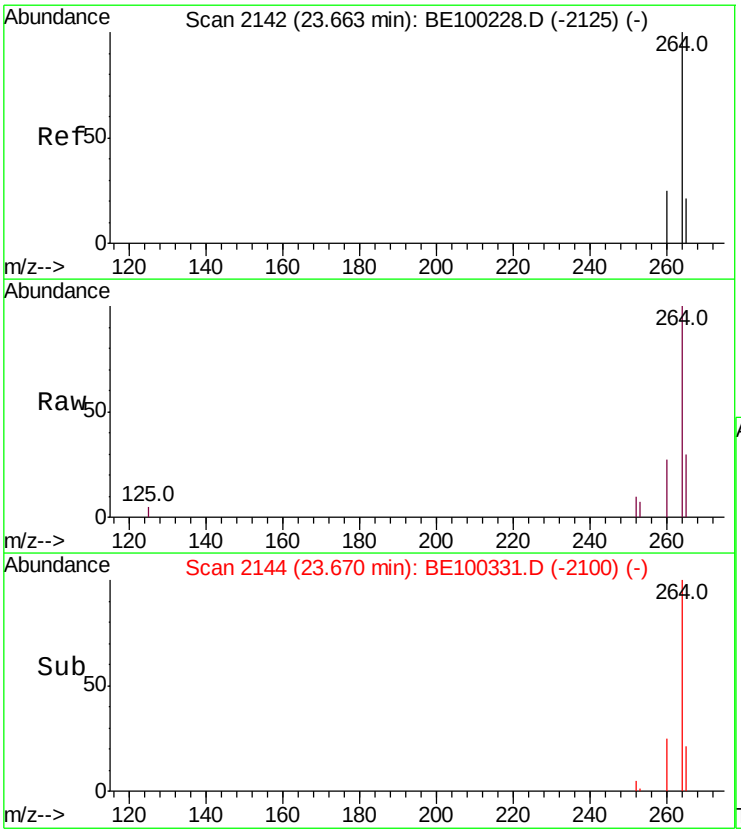
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.23 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12047

Ion	Ratio	Lower	Upper
276	100		
138	10.0	9.4	14.0
277	22.9	19.2	28.8

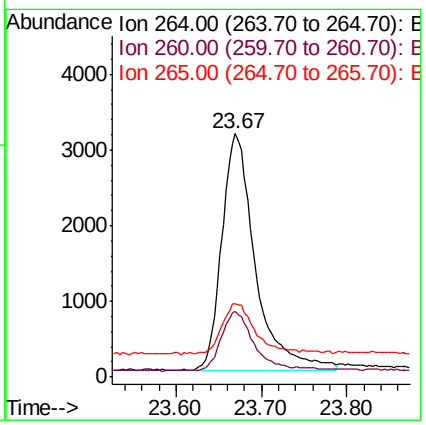


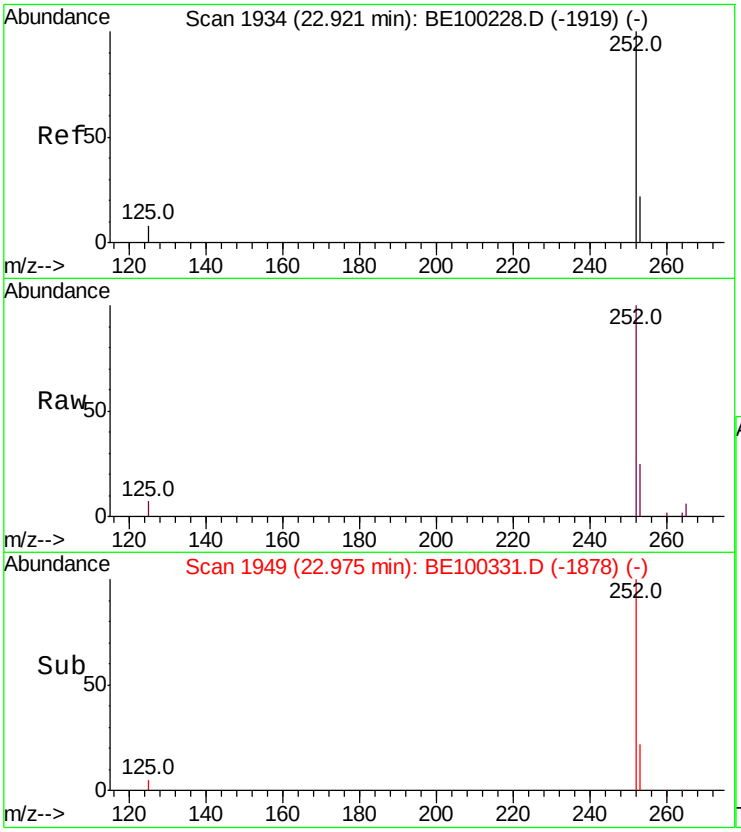


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:264 Resp: 8527

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.8	31.2
265	30.1	21.8	32.6



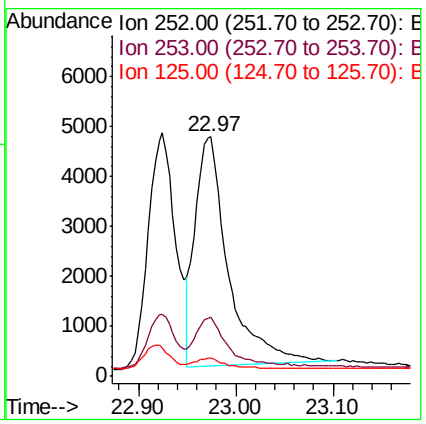


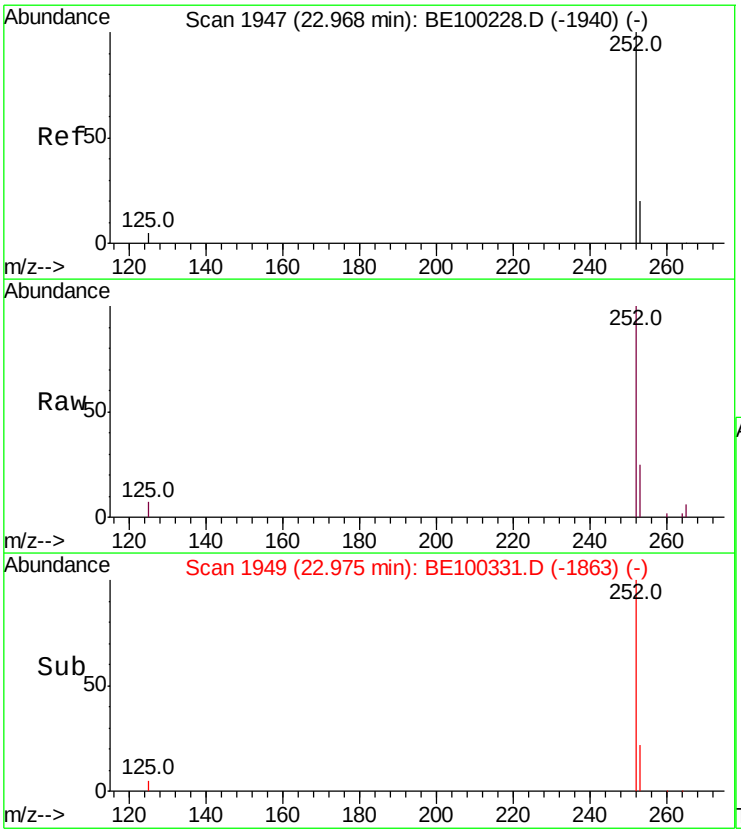
#35
Benzo(b)fluoranthene
Concen: 0.466 ng
RT: 22.97 min Scan# 1949
Delta R.T. 0.05 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10768

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.2	28.8
125	7.5	7.4	11.0

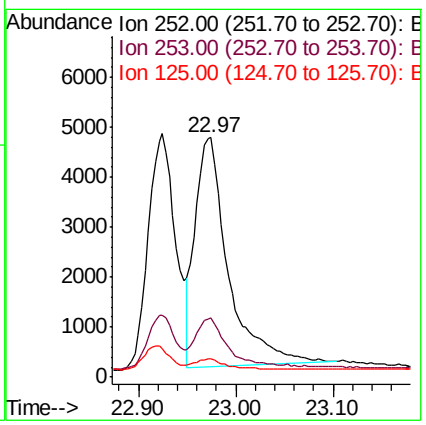


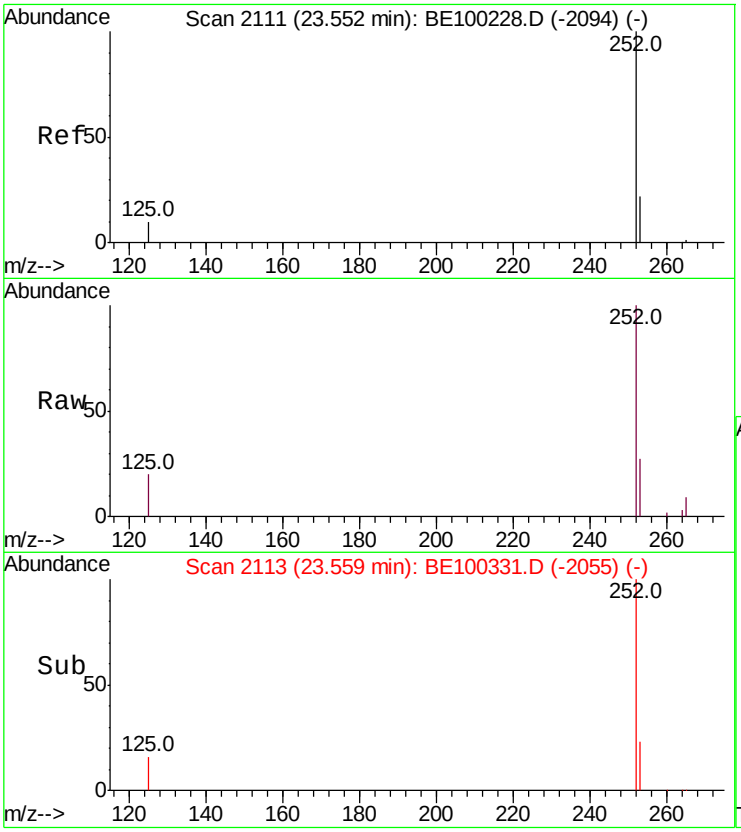


#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 22.97 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:252 Resp: 10768

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	7.5	5.0	7.4#



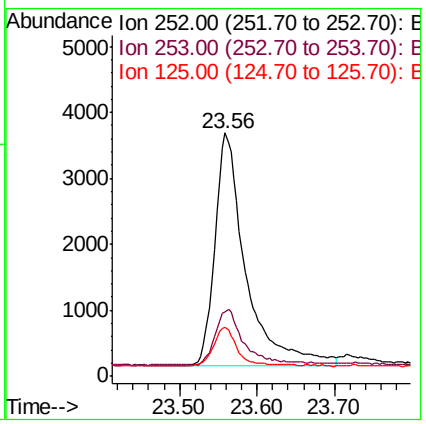


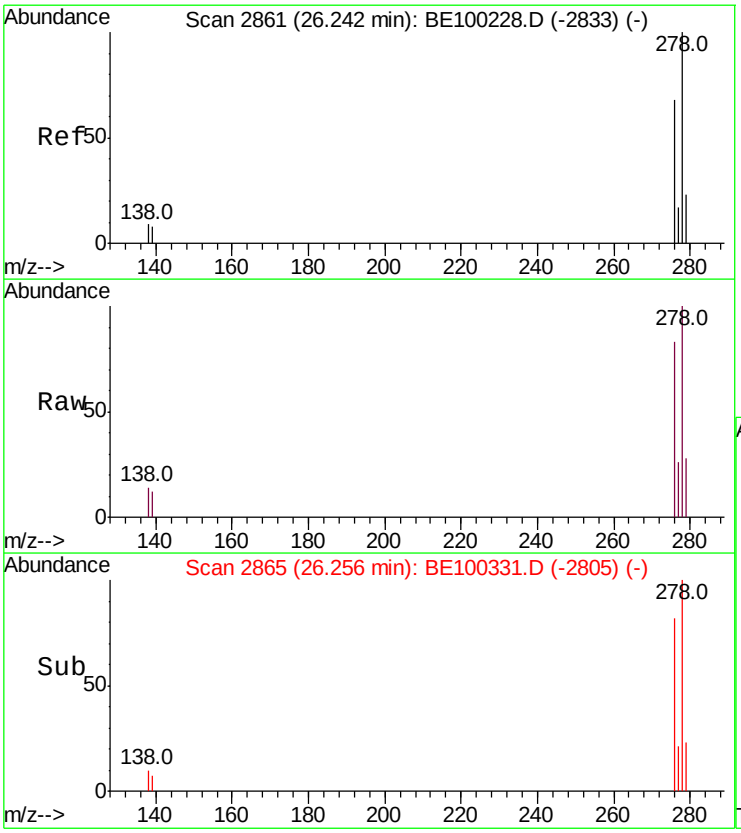
#37
Benzo(a)pyrene
Concen: 0.423 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9791

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.6	29.4
125	20.0	9.0	13.6#

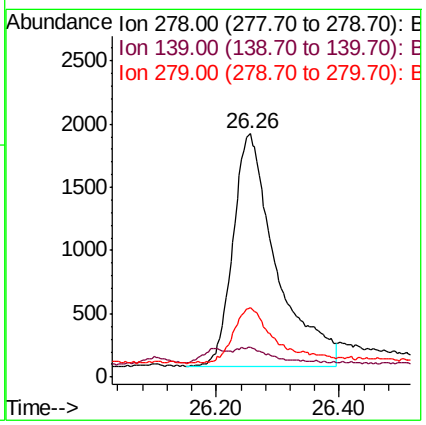


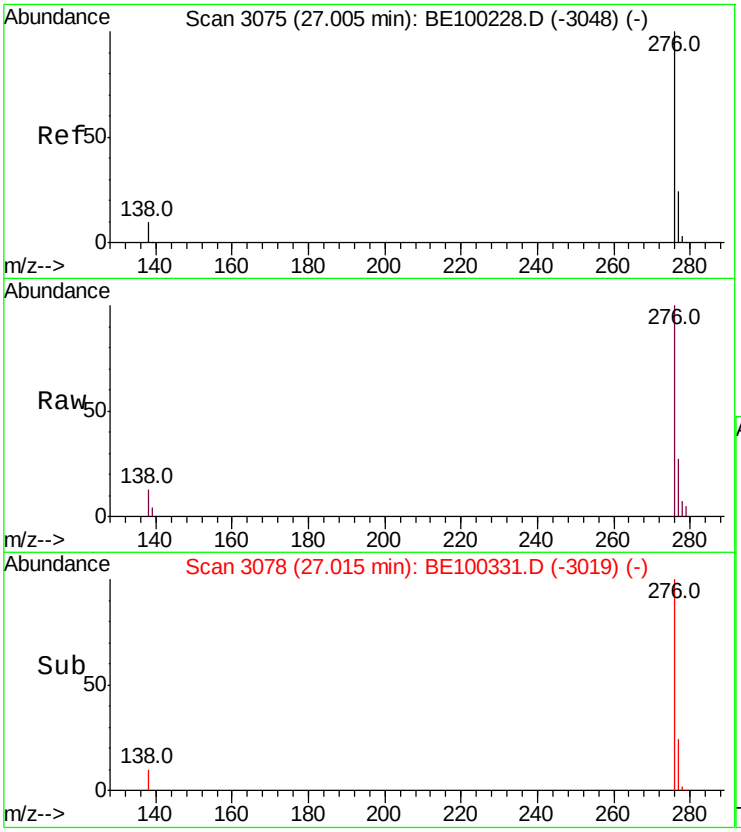


#38
Dibenzo(a,h)anthracene
Concen: 0.374 ng
RT: 26.26 min Scan# 2865
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:278 Resp: 9053

Ion	Ratio	Lower	Upper
278	100		
139	12.1	8.2	12.2
279	28.4	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.429 ng
RT: 27.02 min Scan# 3078
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10655

Ion	Ratio	Lower	Upper
276	100		
277	27.1	20.2	30.2
138	12.8	9.0	13.6