Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100333.D
Acq On : 3 Jul 2019 17:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 04 00:36:13 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	561	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2031	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1615	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	4903	0.40	ng		0.00
27) Chrysene-d12	21.24	240	5899	0.40	ng		0.00
34) Perylene-d12	23.67	264	6724	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	506	0.35	ng		-0.01
5) Phenol-d6	6.84	99	638	0.34	ng		0.00
8) Nitrobenzene-d5	8.81	82	801	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1670	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	309	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	2714	0.43	ng		0.00
25) Fluoranthene-d10	19.10	212	28345	0.40	ng		0.00
29) Terphenyl-d14	19.70	244	6649	0.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	352	0.404	ng	#	93
3) n-Nitrosodimethylamine	3.45	42	152	0.375	ng		87
6) bis(2-Chloroethyl)ether	7.08	93	600	0.388	ng		98
9) Naphthalene	10.48	128	9569	0.427	ng		100
10) Hexachlorobutadiene	10.74	225	1058	0.490	ng		99
12) 2-Methylnaphthalene	12.12	142	1546	0.393	ng		99
16) Acenaphthylene	14.04	152	3445	0.445	ng		99
17) Acenaphthene	14.37	154	1981	0.451	ng		99
18) Fluorene	15.35	166	2891	0.445	ng		98
20) 4-Bromophenyl-phenylether	16.25	248	1409	0.450	ng	#	83
21) Hexachlorobenzene	16.36	284	1478	0.455	ng		96
22) Pentachlorophenol	16.77	266	102	0.104	ng		86
23) Phenanthrene	17.09	178	4924	0.414	ng		99
24) Anthracene	17.20	178	4214	0.394	ng		99
26) Fluoranthene	19.13	202	8001	0.423	ng		100
28) Pyrene	19.49	202	8311	0.532	ng		100
30) Benzo(a)anthracene	21.23	228	7519	0.388	ng		98
31) Chrysene	21.28	228	8517	0.437	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	14303	0.464	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	9666	0.375	ng		97
35) Benzo(b)fluoranthene	22.93	252	7026	0.385	ng		99
36) Benzo(k)fluoranthene	22.97	252	9560	0.470	ng	#	96
37) Benzo(a)pyrene	23.56	252	7763	0.425	ng		94
38) Dibenzo(a,h)anthracene	26.25	278	6903	0.362	ng	#	95
39) Benzo(g,h,i)perylene	27.01	276	8700	0.444	ng		97

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

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Acq On : 3 Jul 2019 17:50
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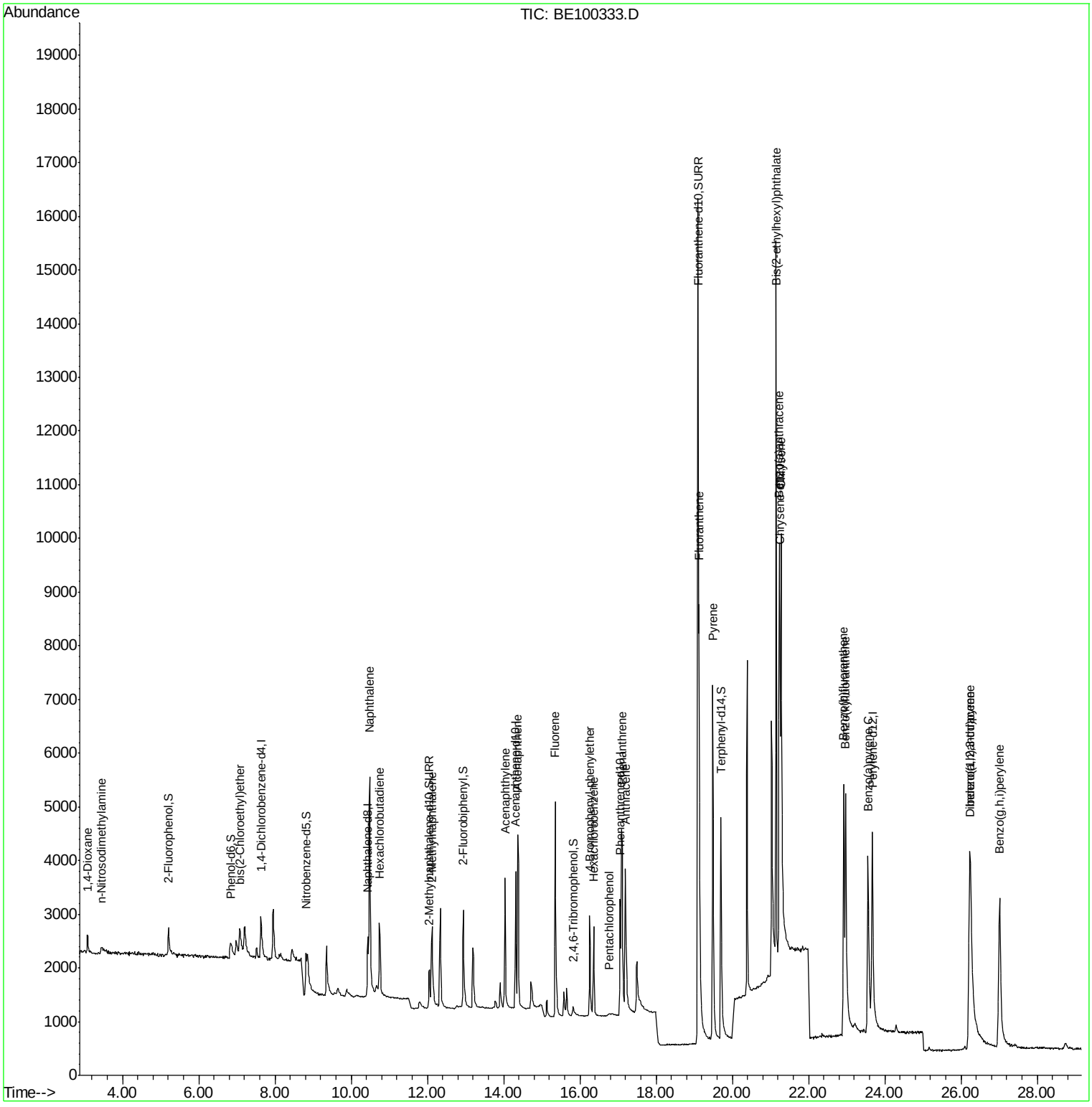
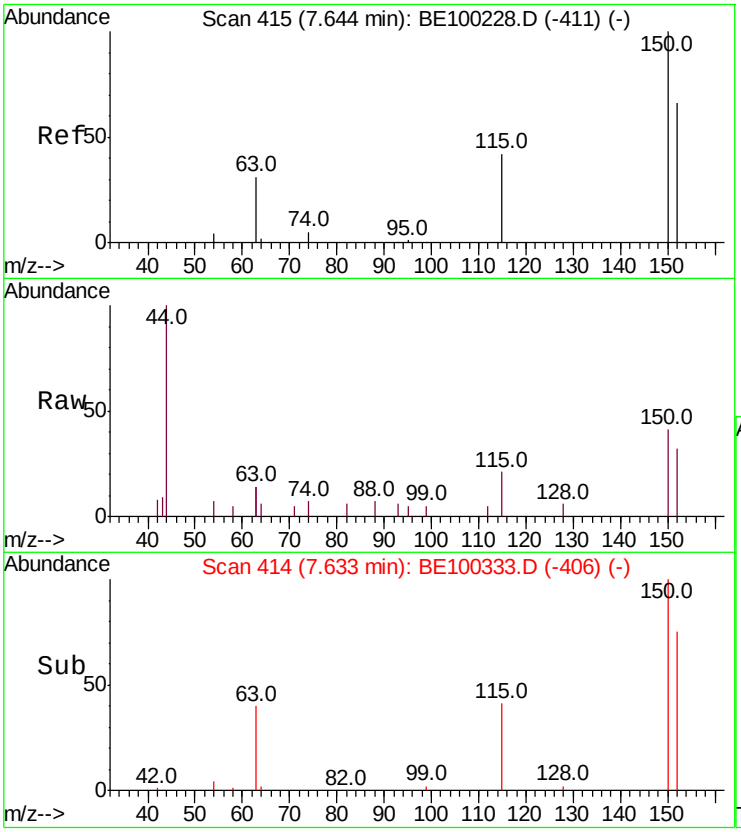
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 04 00:36:13 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



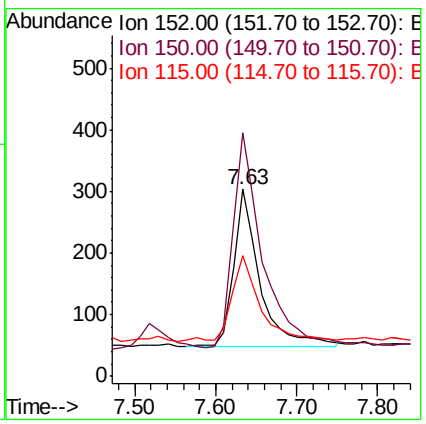


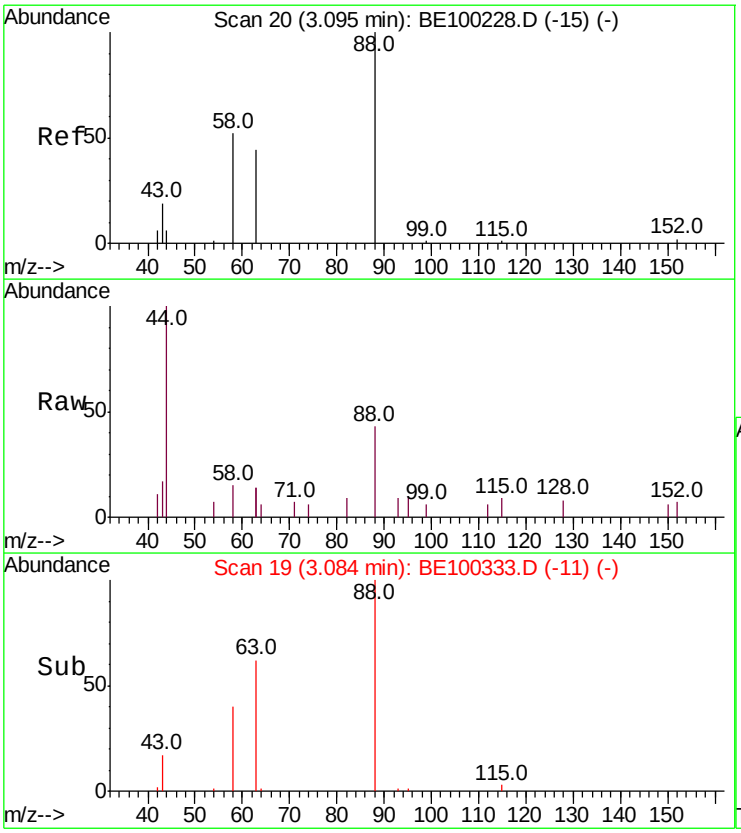
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 561

Ion	Ratio	Lower	Upper
152	100		
150	130.4	114.5	171.7
115	64.7	57.1	85.7

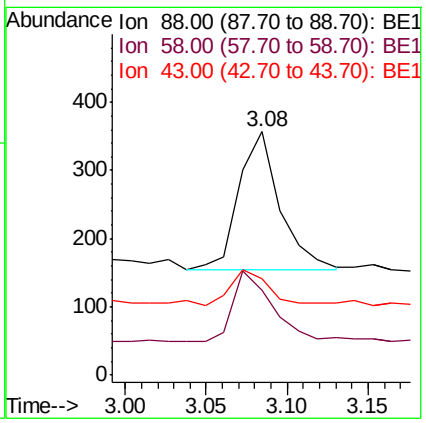


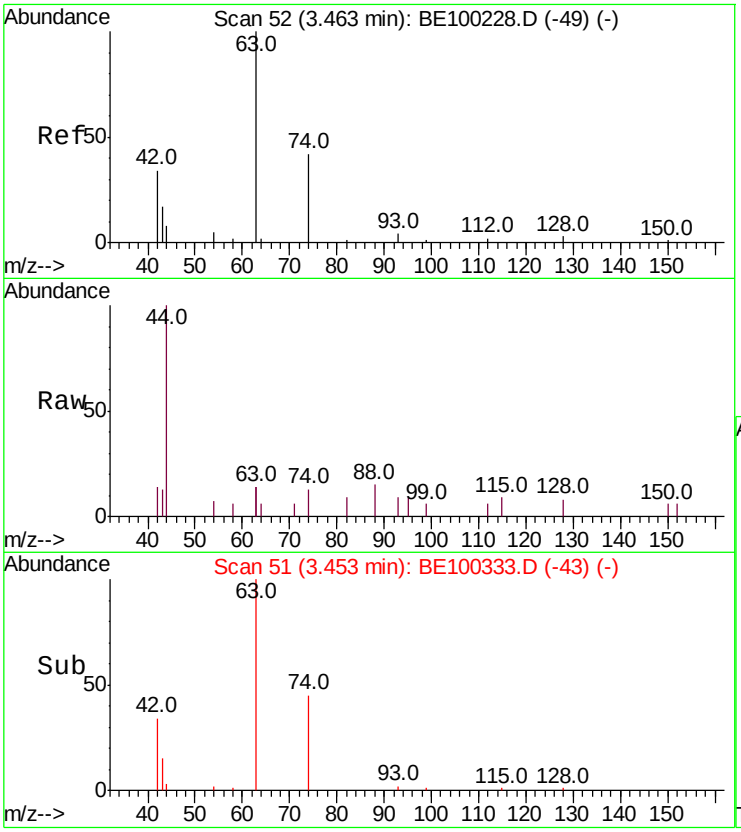


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion: 88 Resp: 352

Ion	Ratio	Lower	Upper
88	100		
58	50.6	43.6	65.4
43	21.0	21.4	32.0#



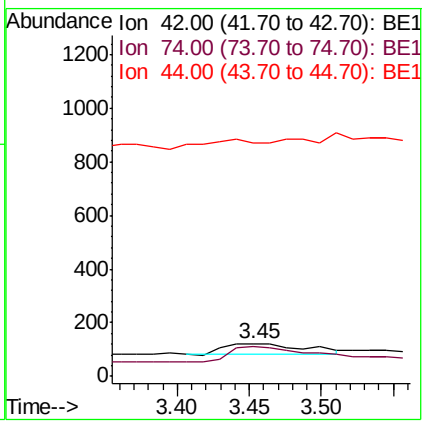


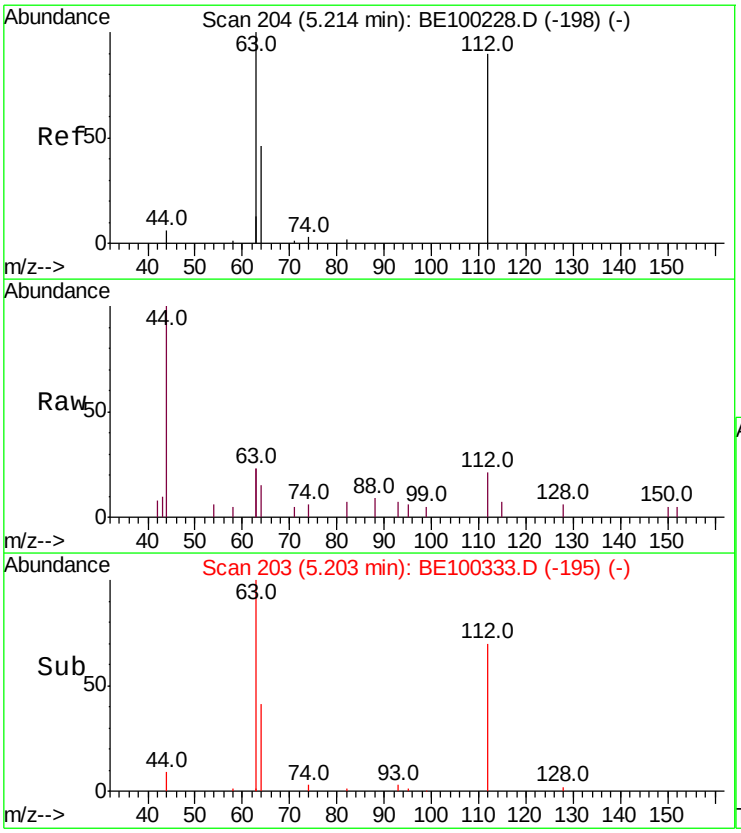
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.45 min Scan# 51
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 152

Ion	Ratio	Lower	Upper
42	100		
74	146.1	130.6	196.0
44	56.6	38.0	57.0

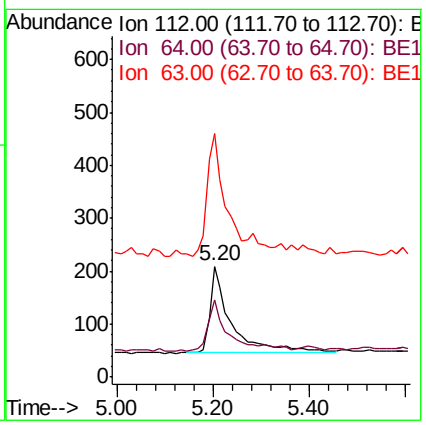


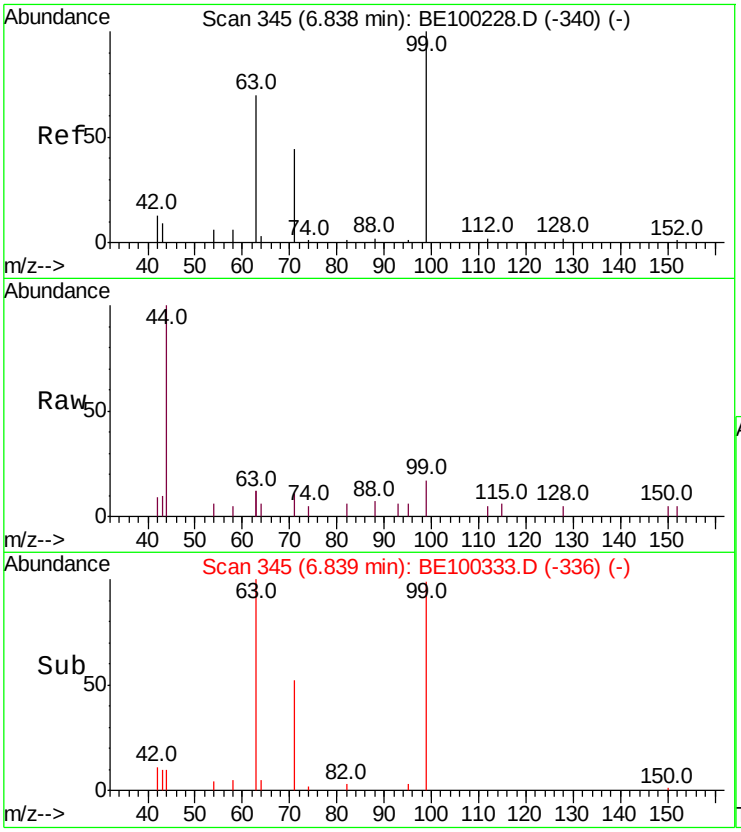


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:112 Resp: 506

Ion	Ratio	Lower	Upper
112	100		
64	57.3	39.4	59.0
63	122.1	104.5	156.7



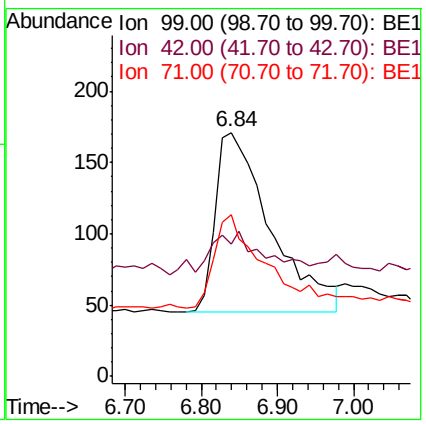


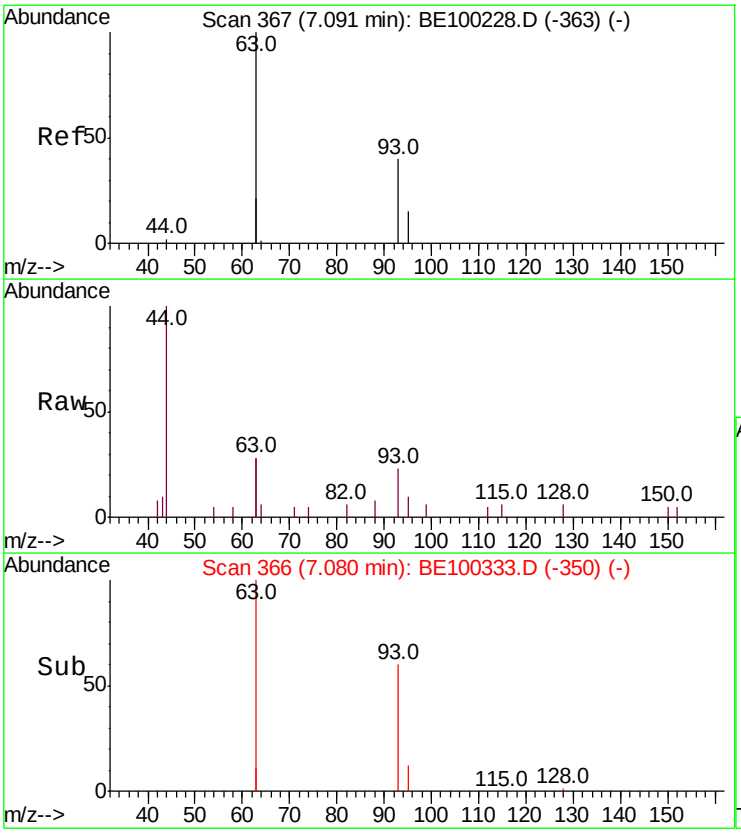
#5
Phenol-d6
Concen: 0.339 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 638

Ion	Ratio	Lower	Upper
99	100		
42	24.8	11.2	16.8#
71	51.4	37.2	55.8

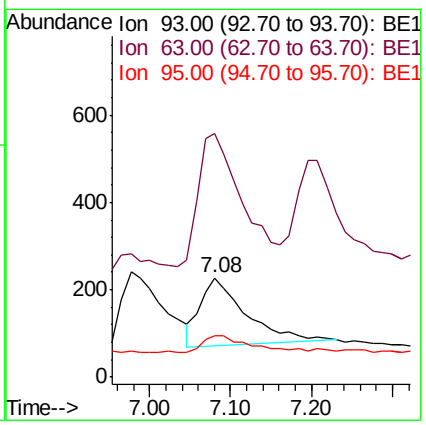


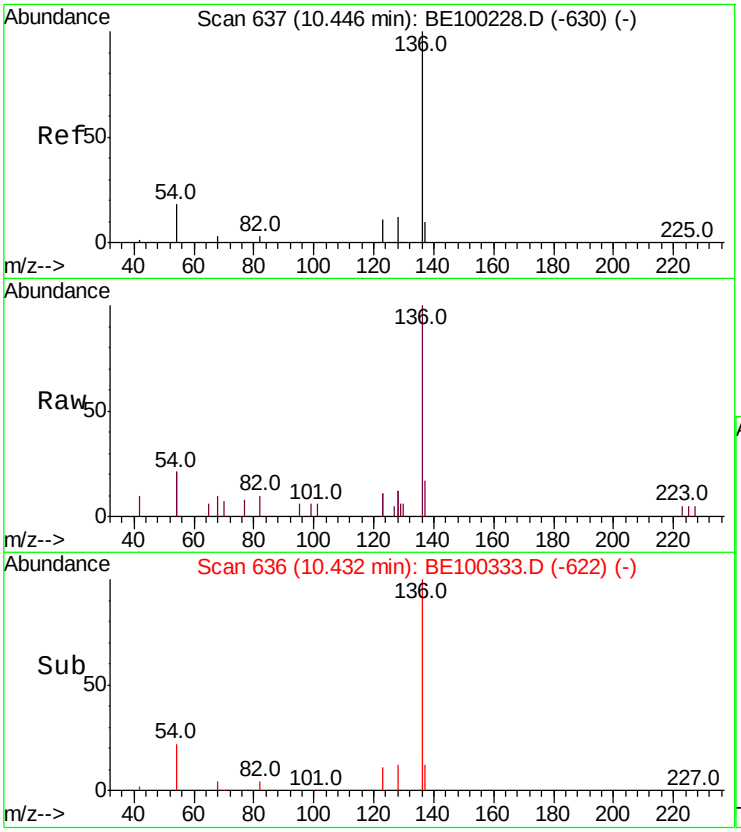


#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 7.08 min Scan# 366
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion: 93 Resp: 600

Ion	Ratio	Lower	Upper
93	100		
63	190.7	155.6	233.4
95	29.2	23.0	34.4



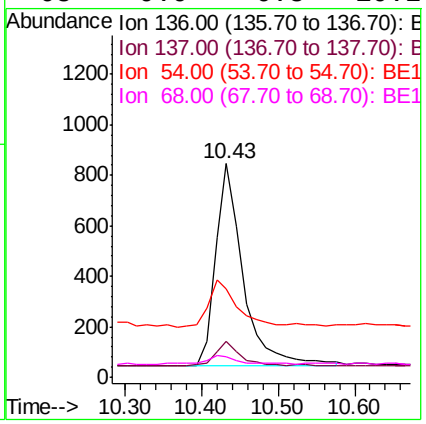


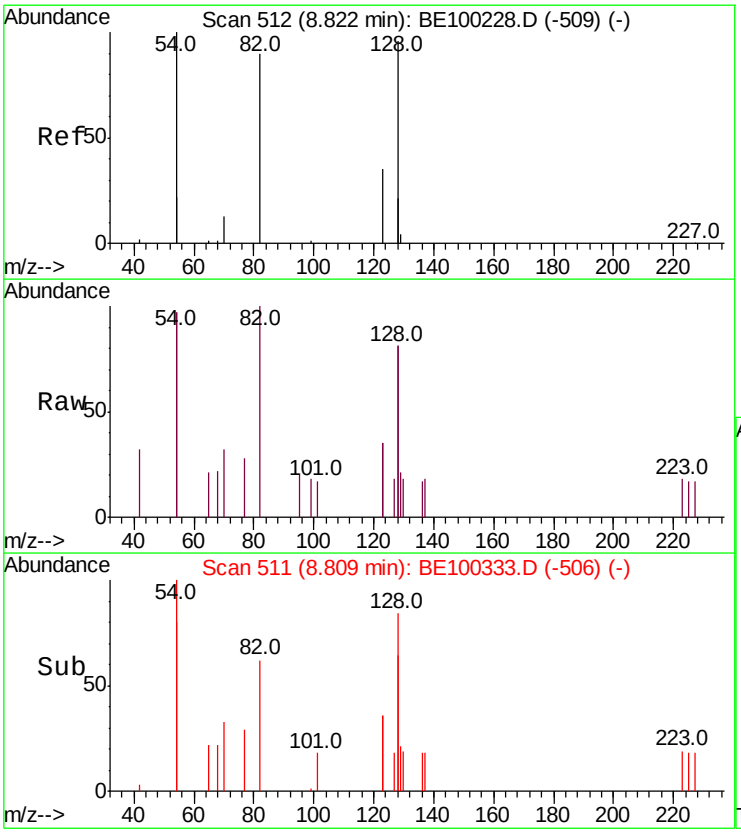
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2031

Ion	Ratio	Lower	Upper
136	100		
137	16.5	11.8	17.8
54	41.1	27.7	41.5
68	9.9	6.8	10.2

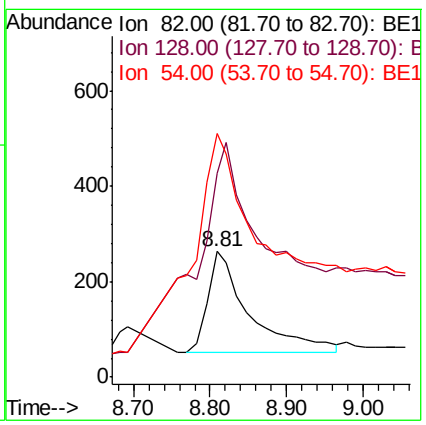


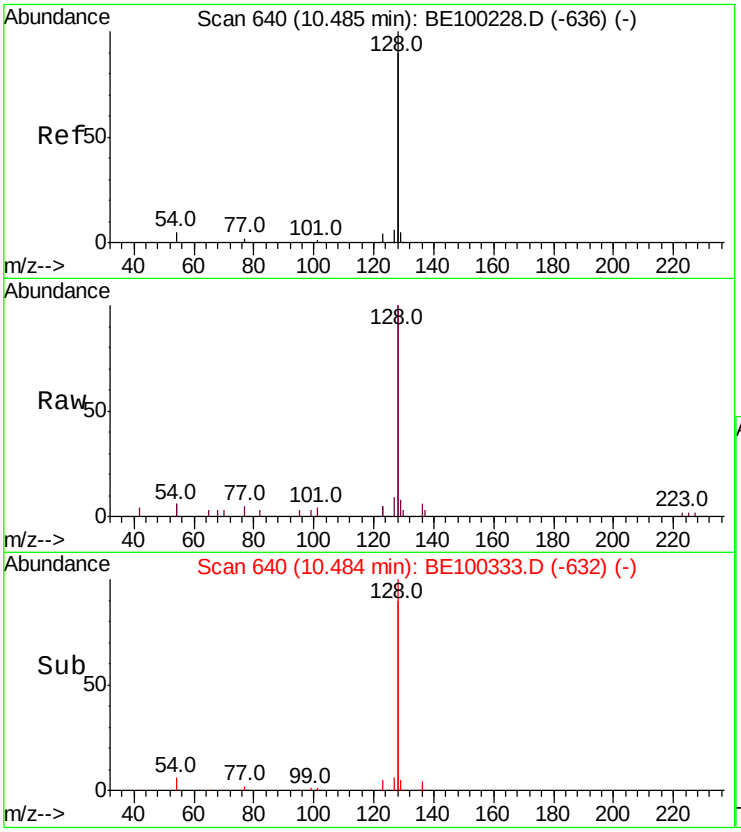


#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion: 82 Resp: 801

Ion	Ratio	Lower	Upper
82	100		
128	162.0	140.9	211.3
54	193.9	146.2	219.2



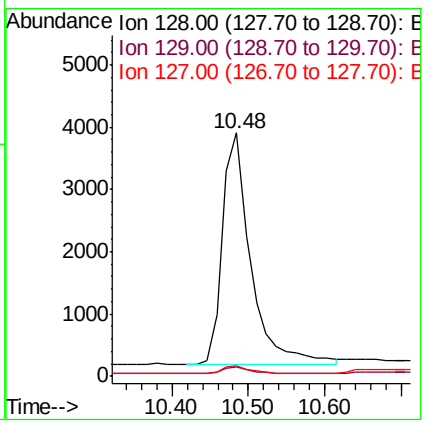


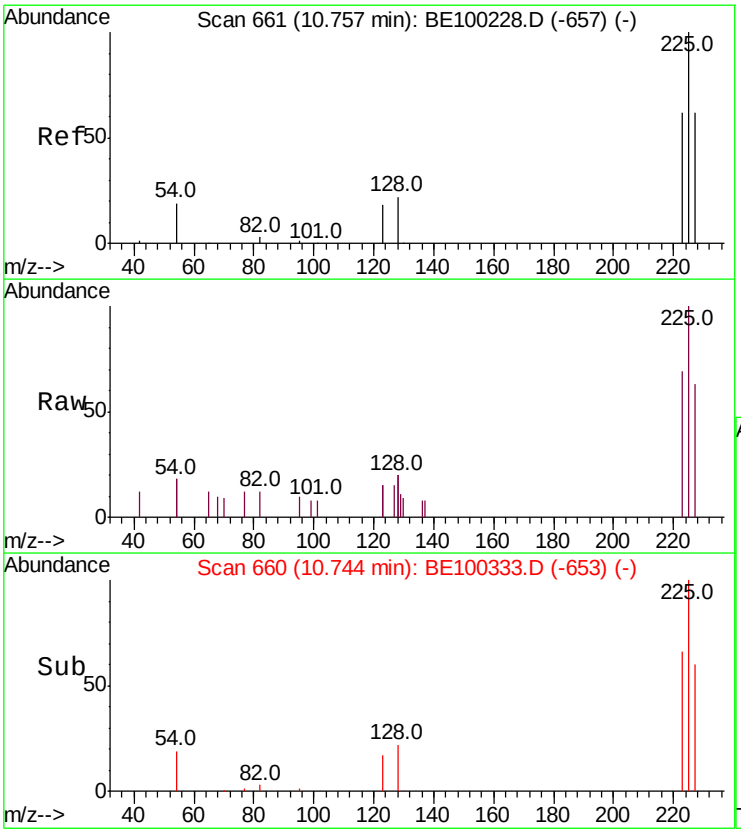
#9
Naphthalene
Concen: 0.427 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9569

Ion	Ratio	Lower	Upper
128	100		
129	3.8	3.0	4.6
127	4.3	3.5	5.3

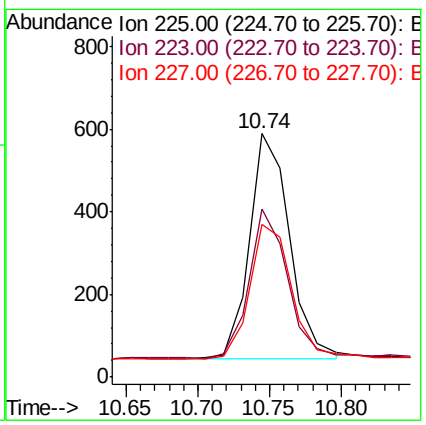


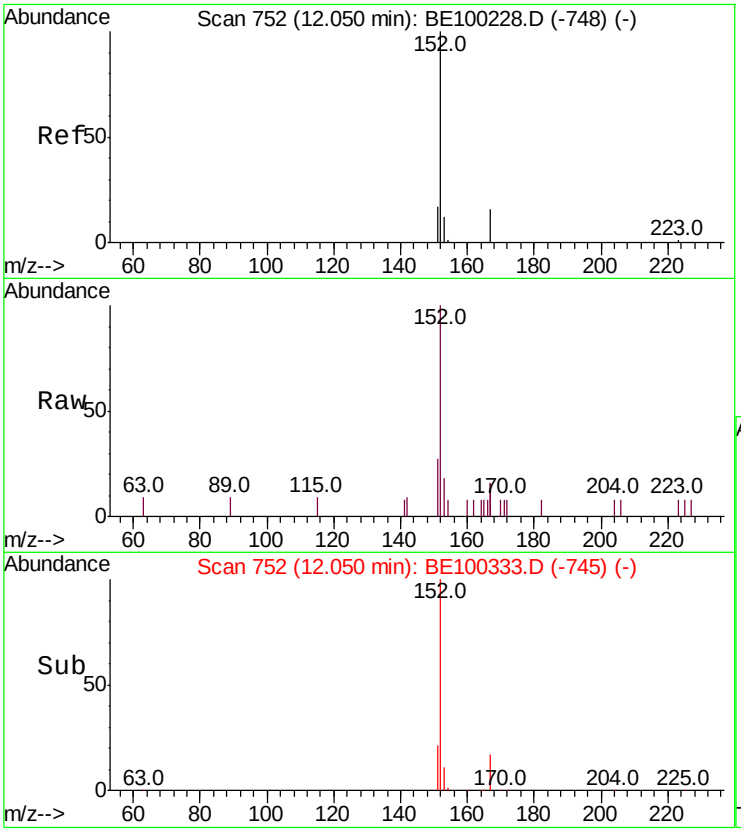


#10
Hexachlorobutadiene
Concen: 0.490 ng
RT: 10.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:225 Resp: 1058

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.1	73.7
227	62.0	49.3	73.9



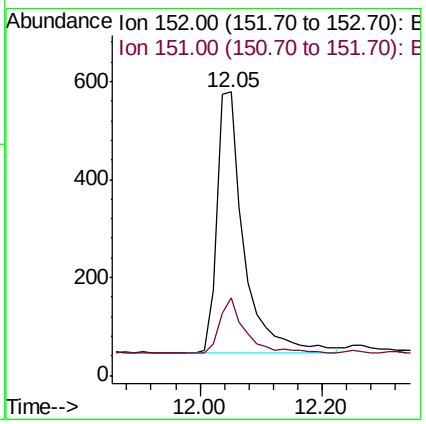


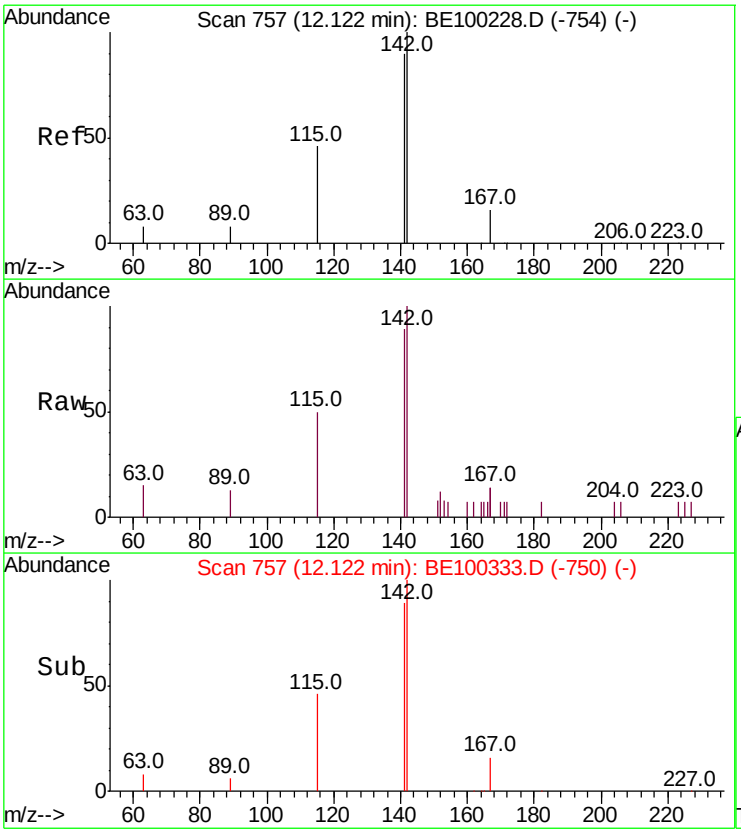
#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1670

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

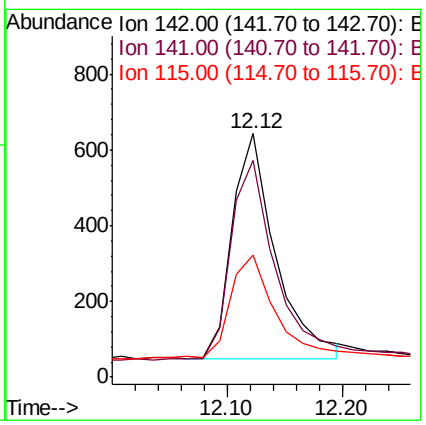


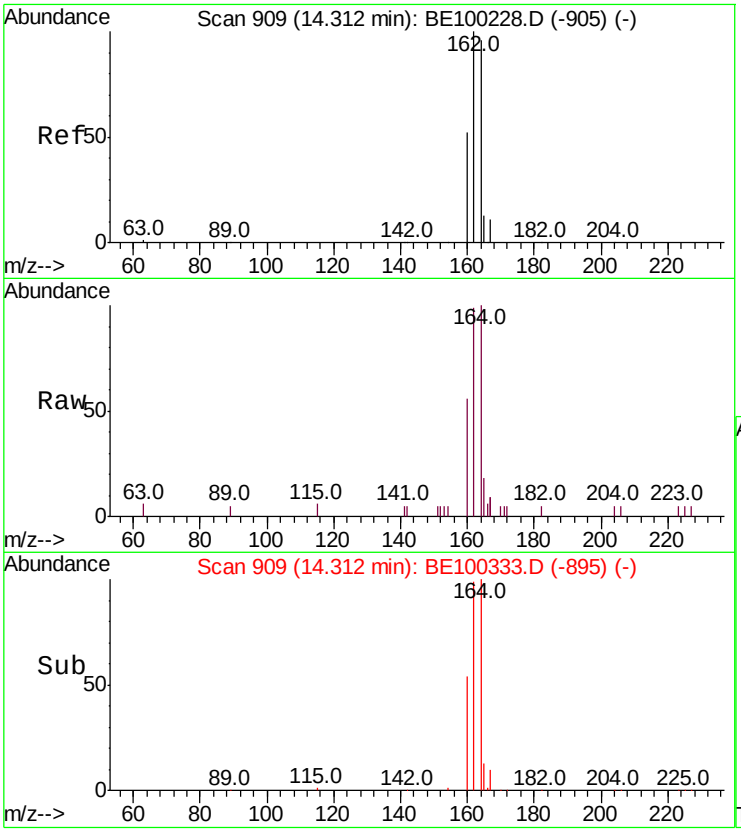


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:142 Resp: 1546

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.4	108.6
115	50.1	40.4	60.6



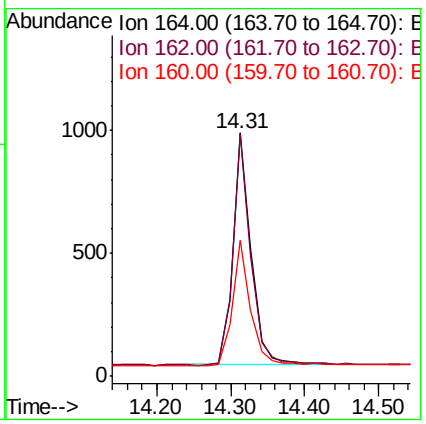


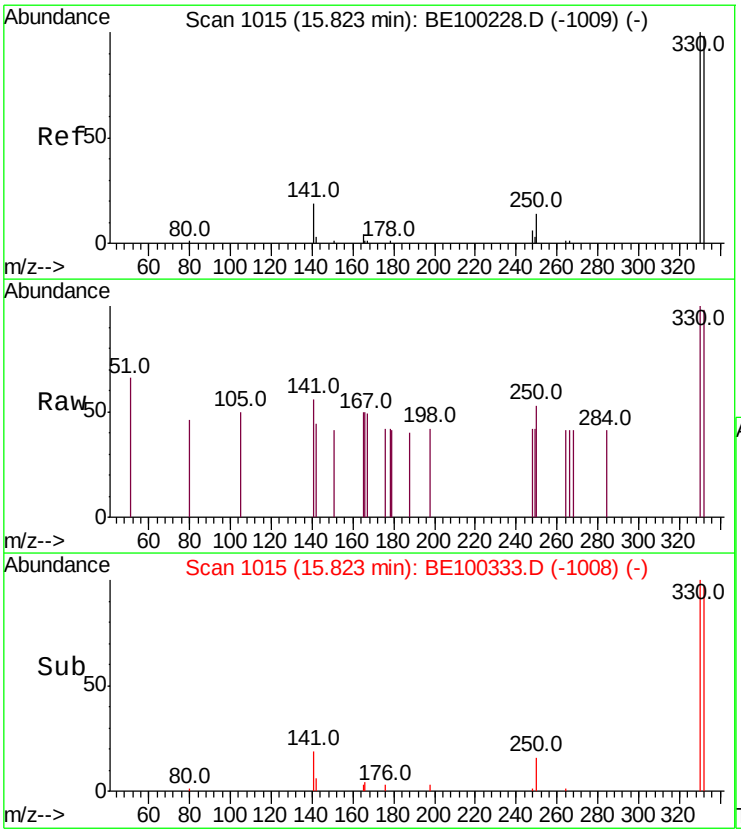
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1615

Ion	Ratio	Lower	Upper
164	100		
162	99.4	83.4	125.0
160	55.8	45.0	67.6

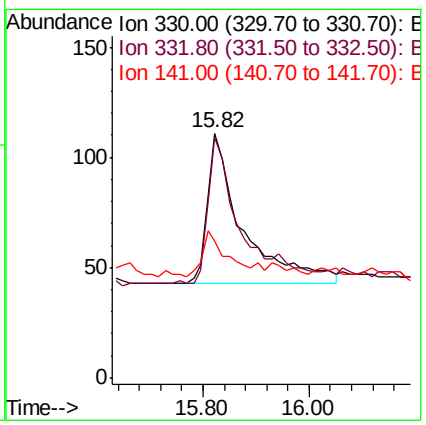


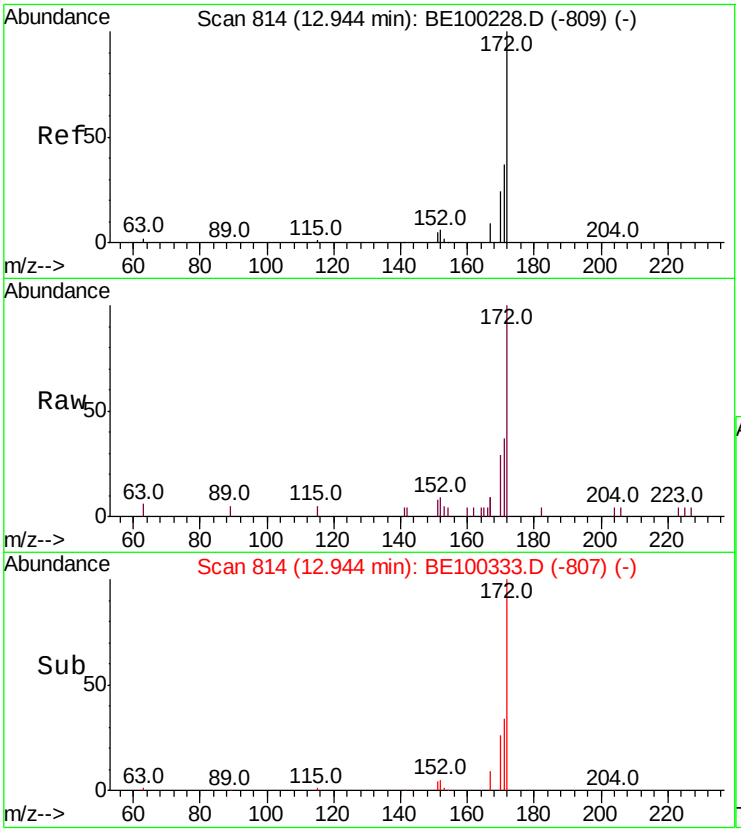


#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:330 Resp: 309

Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.4
141	20.7	22.0	33.0#



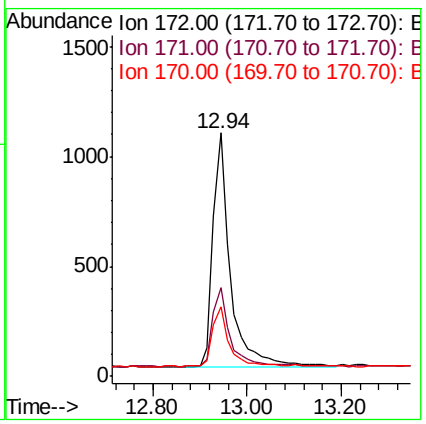


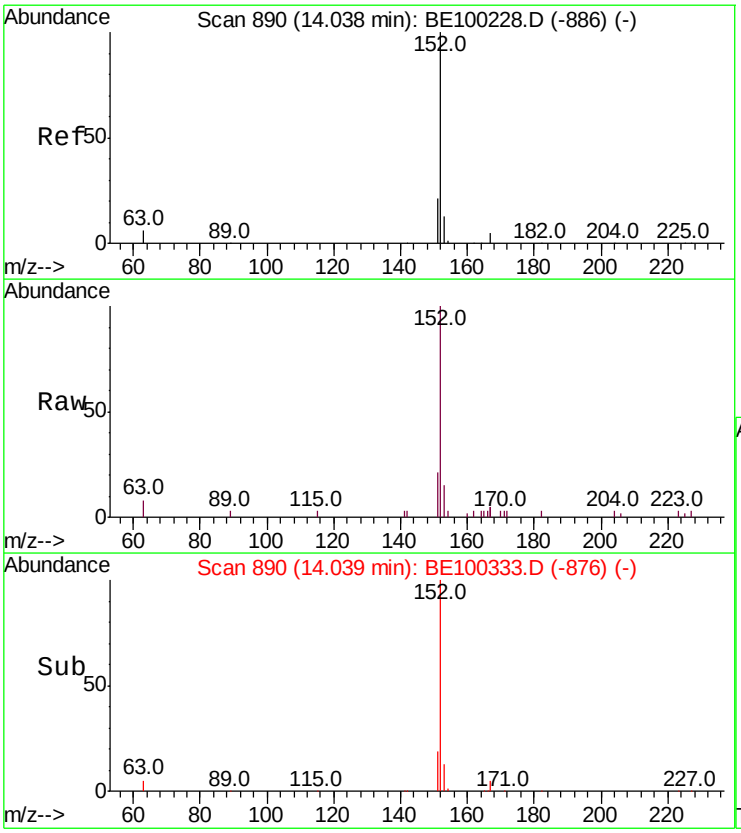
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2714

Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.9	47.9
170	28.7	22.2	33.2

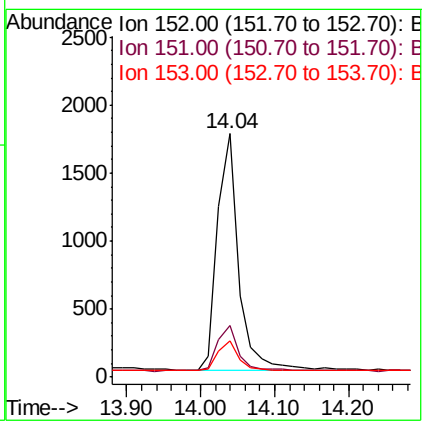


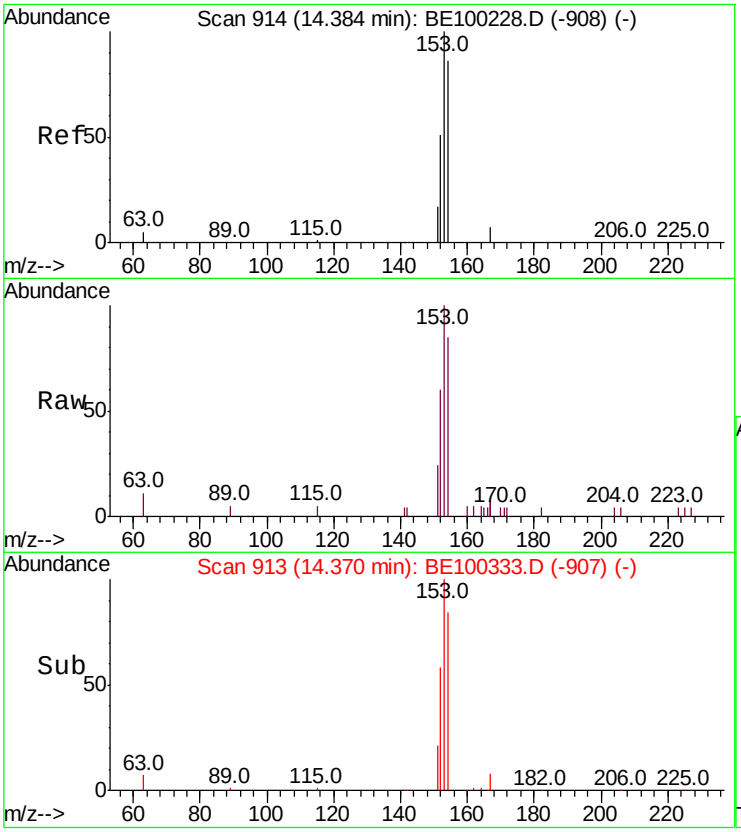


#16
Acenaphthylene
Concen: 0.445 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:152 Resp: 3445

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	25.0
153	12.8	10.5	15.7



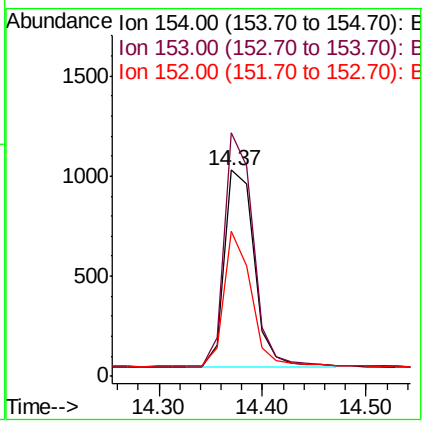


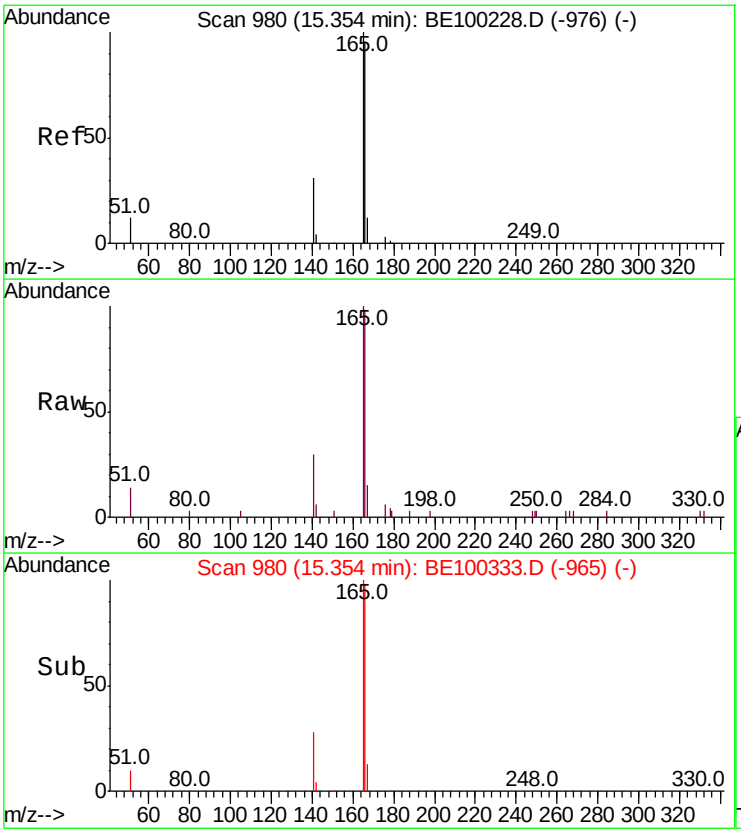
#17
Acenaphthene
Concen: 0.451 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1981

Ion	Ratio	Lower	Upper
154	100		
153	115.0	93.4	140.2
152	62.6	49.4	74.2

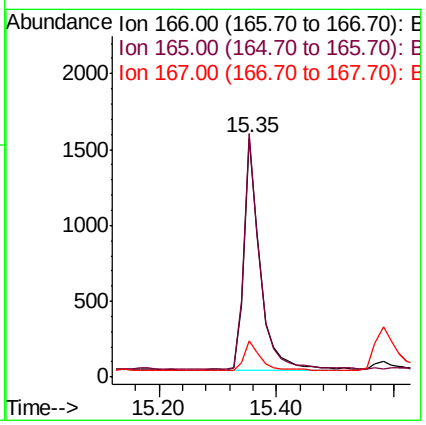


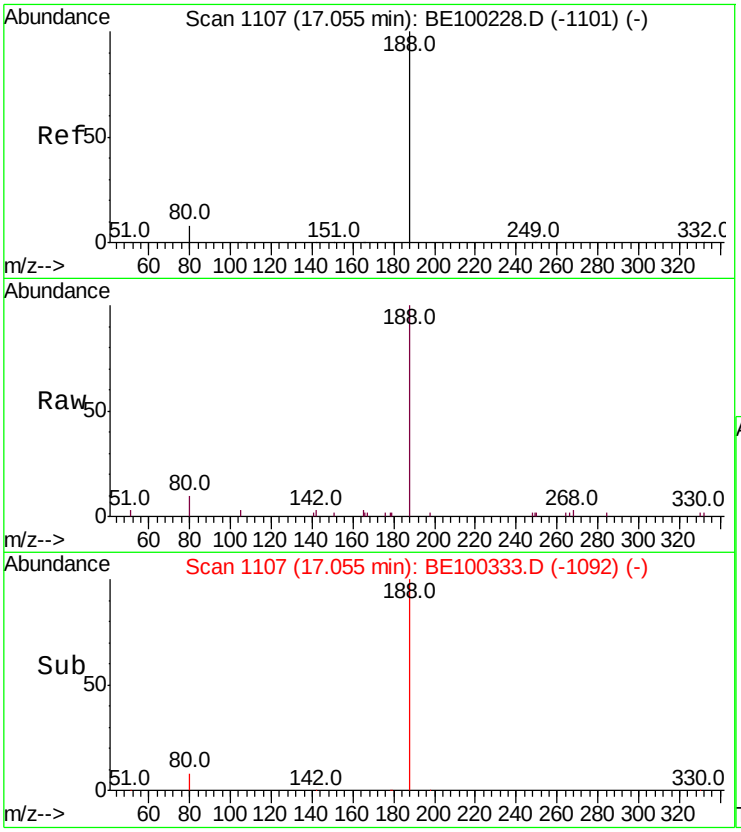


#18
Fluorene
Concen: 0.445 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:166 Resp: 2891

Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.1	121.7
167	12.6	10.7	16.1



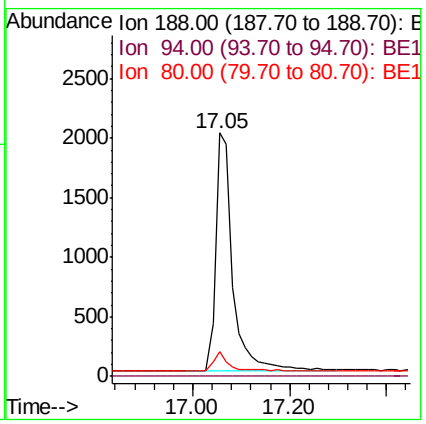


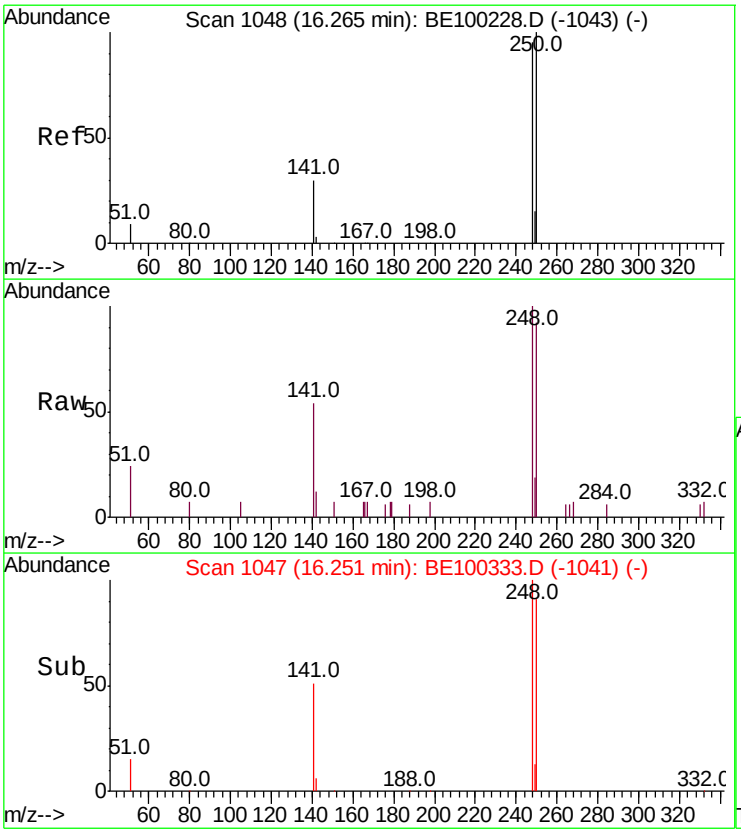
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4903

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.6	11.4

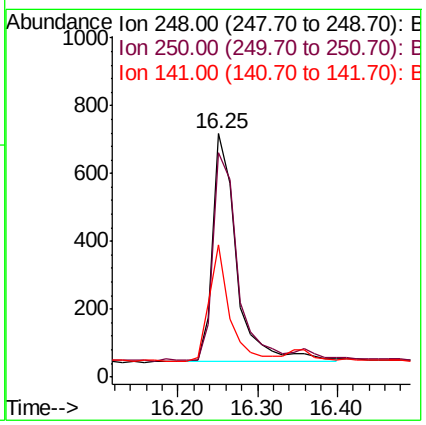


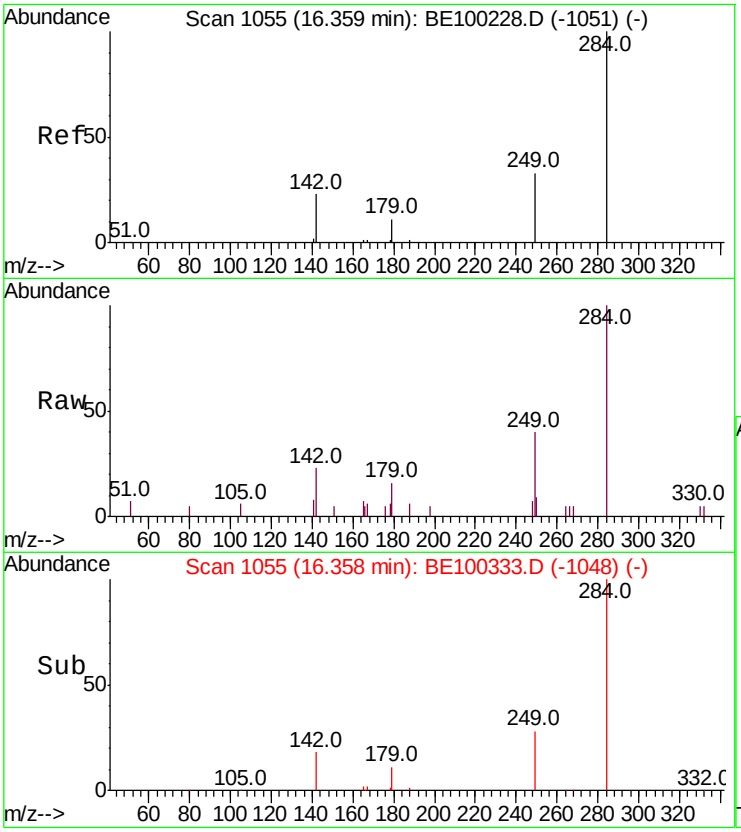


#20
4-Bromophenyl-phenylether
Concen: 0.450 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:248 Resp: 1409

Ion	Ratio	Lower	Upper
248	100		
250	92.2	84.2	126.4
141	54.5	29.3	43.9#



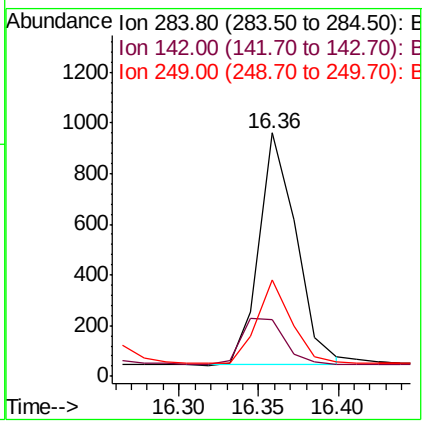


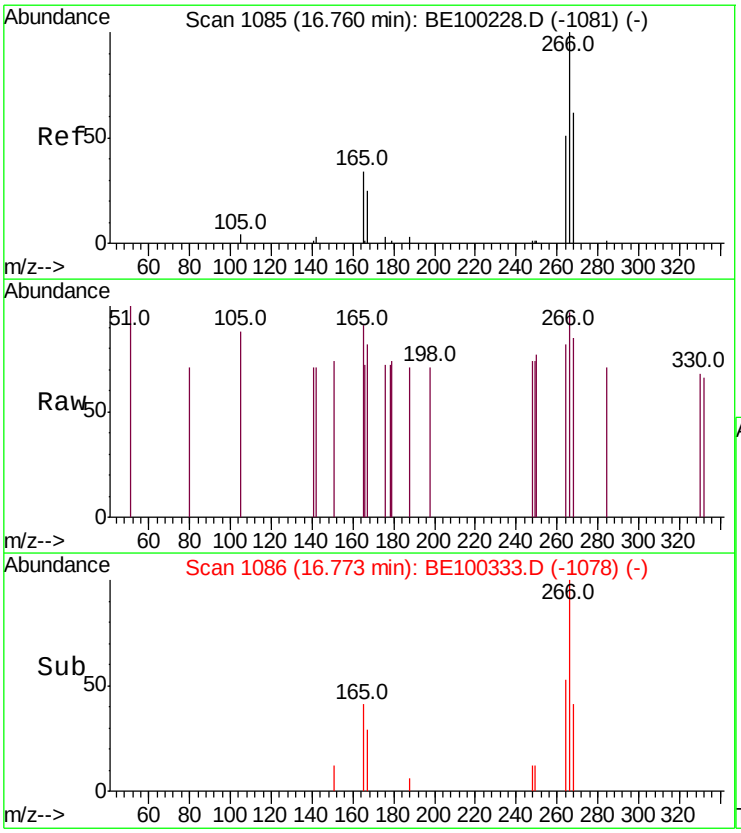
#21
Hexachlorobenzene
Concen: 0.455 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1478

Ion	Ratio	Lower	Upper
284	100		
142	24.0	18.8	28.2
249	32.6	23.7	35.5

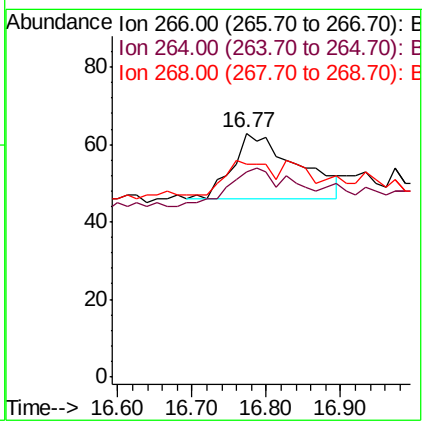


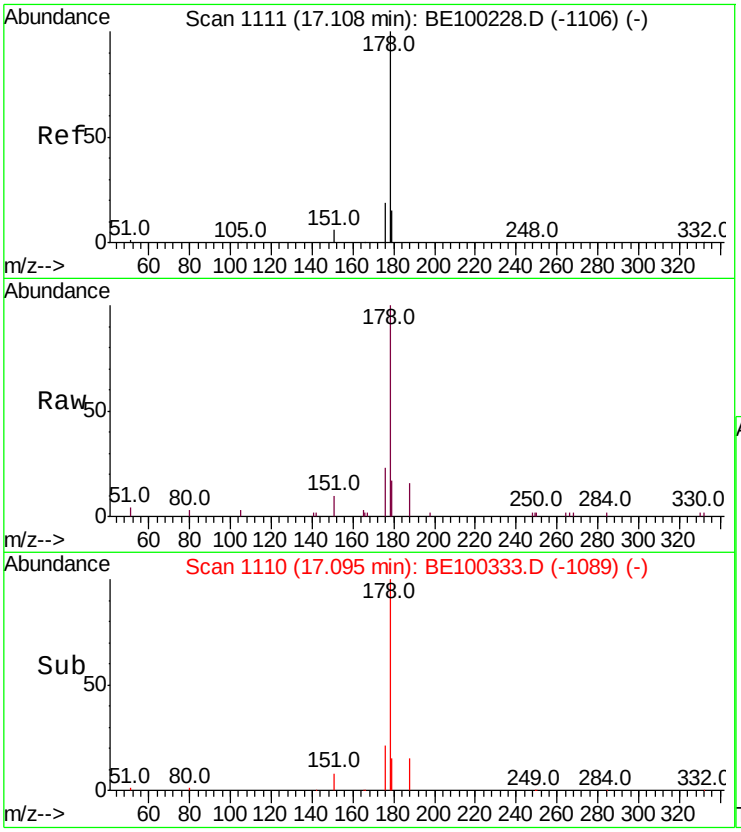


#22
Pentachlorophenol
Concen: 0.104 ng
RT: 16.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:266 Resp: 102

Ion	Ratio	Lower	Upper
266	100		
264	84.1	56.2	84.2
268	87.3	61.8	92.6



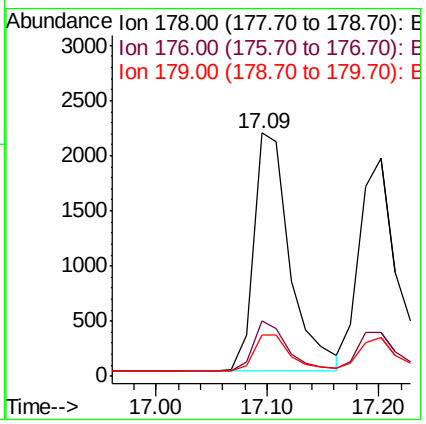


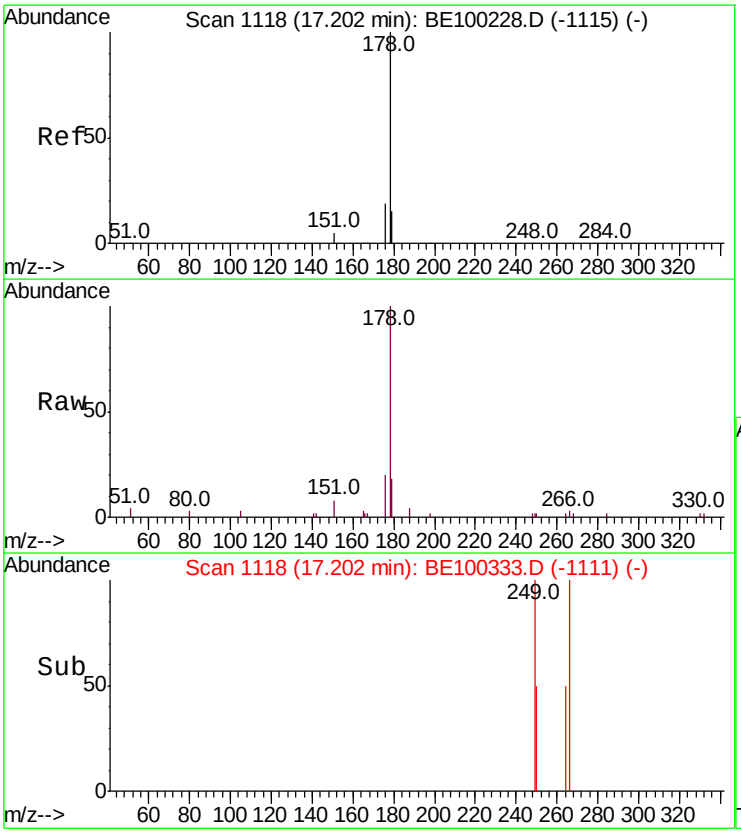
#23
Phenanthrene
Concen: 0.414 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4924

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.9	12.2	18.2

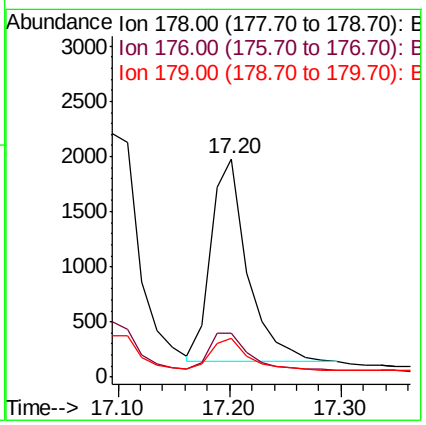


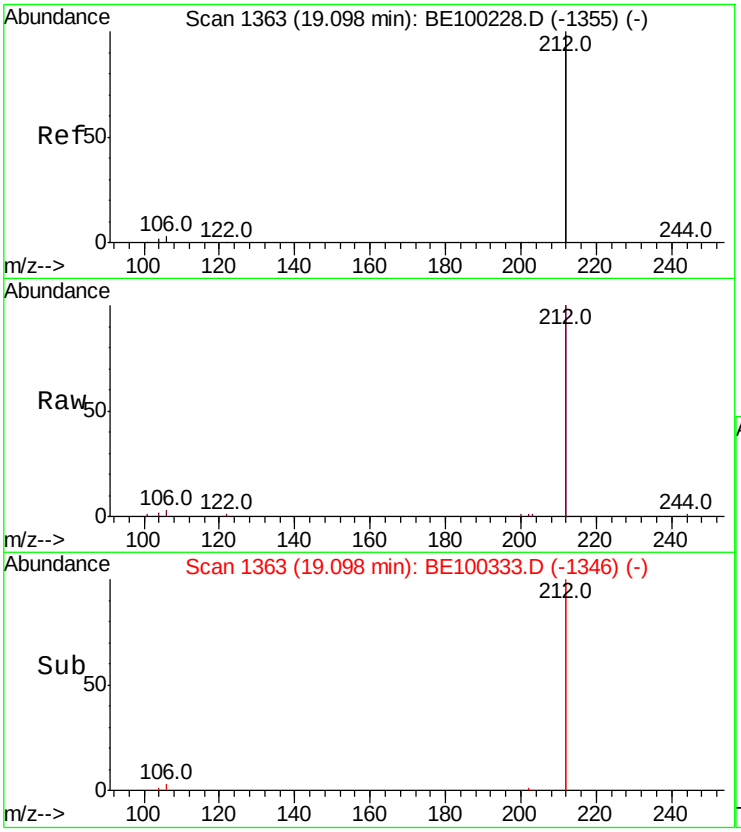


#24
Anthracene
Concen: 0.394 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:178 Resp: 4214

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.2	18.2



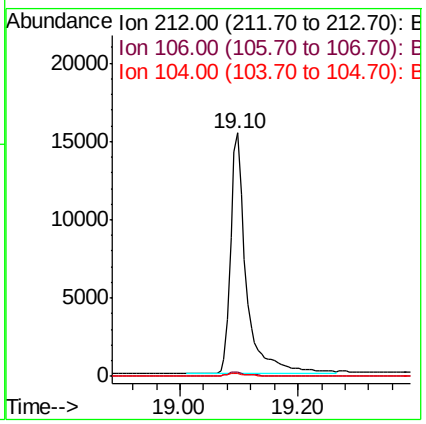


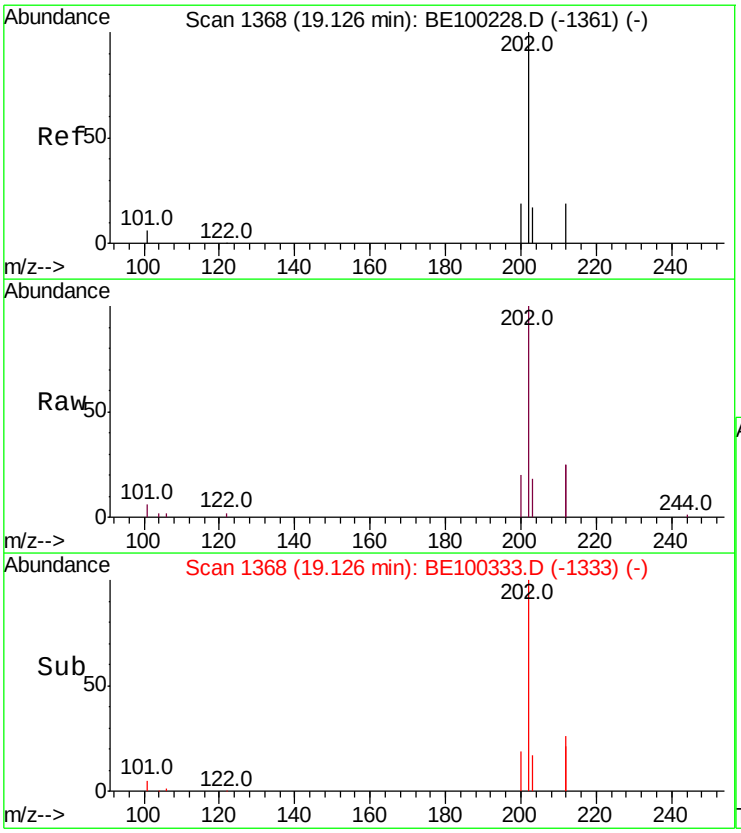
#25
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 28345

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.8	1.2

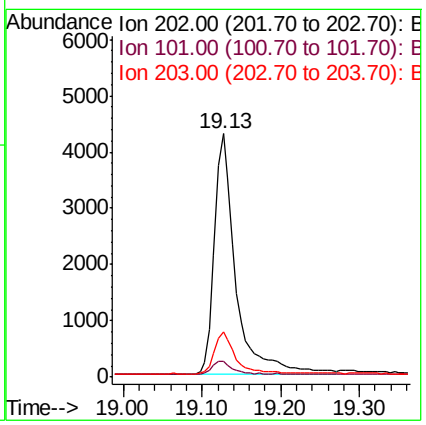


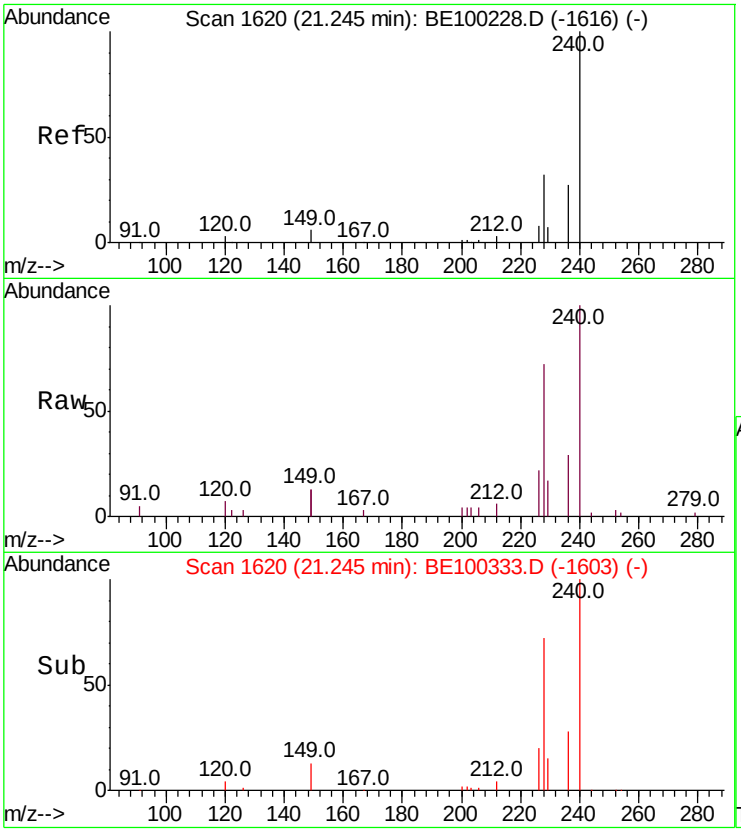


#26
Fluoranthene
Concen: 0.423 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:202 Resp: 8001

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	7.0
203	17.1	13.7	20.5



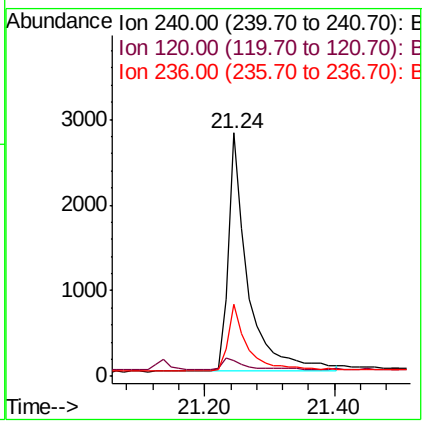


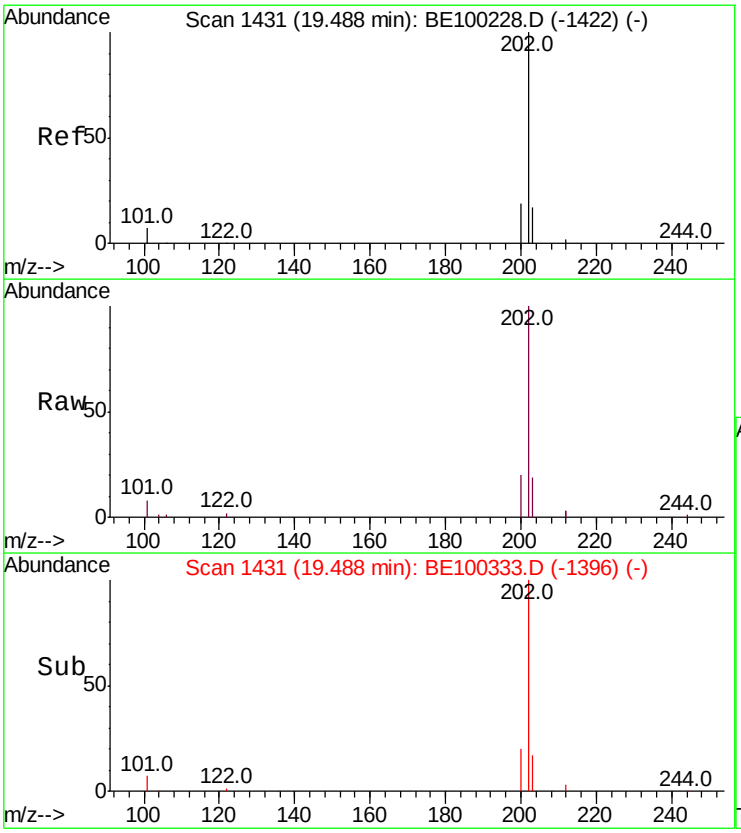
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5899

Ion	Ratio	Lower	Upper
240	100		
120	6.5	3.3	4.9#
236	29.4	22.6	34.0

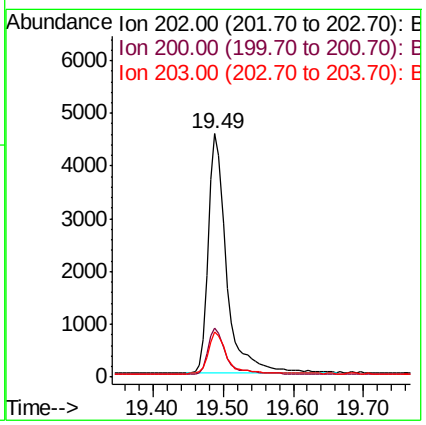


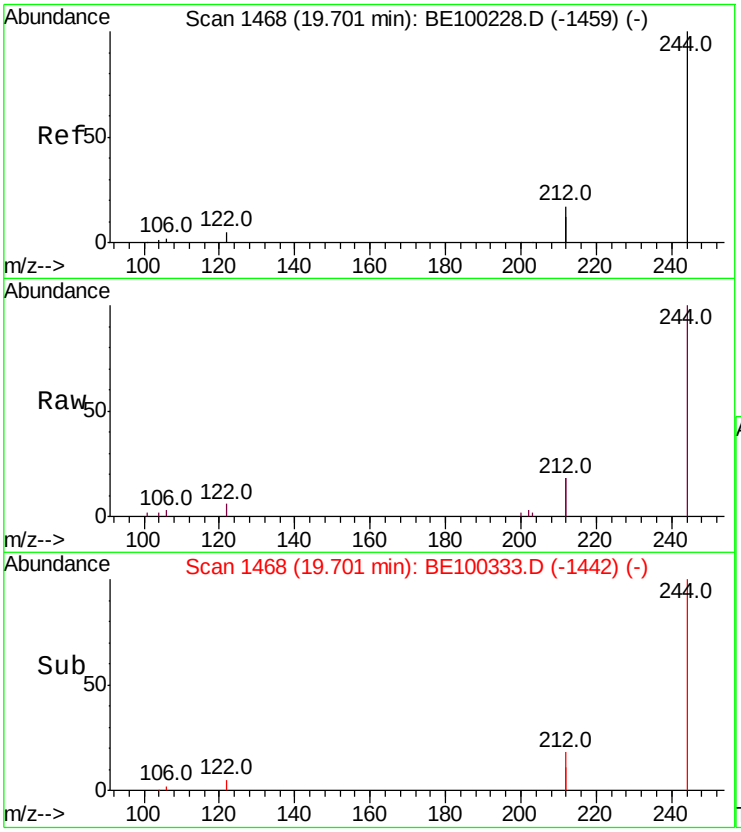


#28
Pyrene
Concen: 0.532 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:202 Resp: 8311

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.7	14.0	21.0



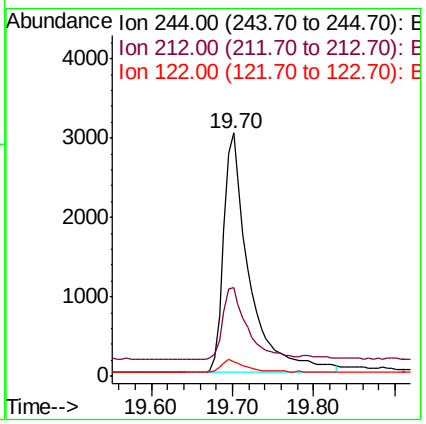


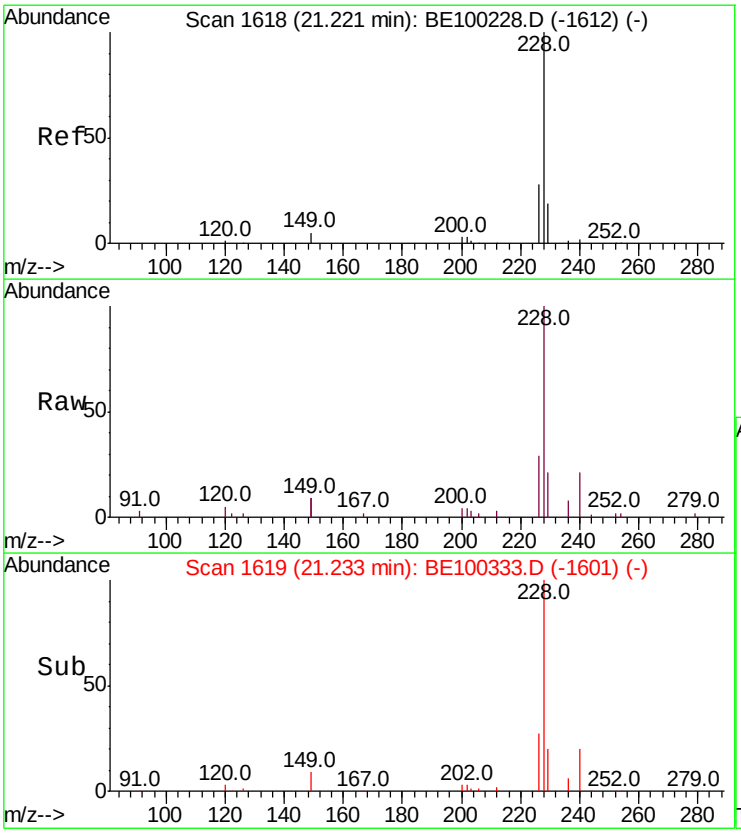
#29
Terphenyl-d14
Concen: 0.544 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6649

Ion	Ratio	Lower	Upper
244	100		
212	36.3	27.3	40.9
122	6.2	4.7	7.1

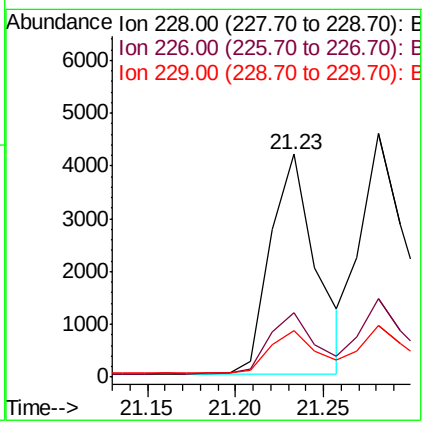


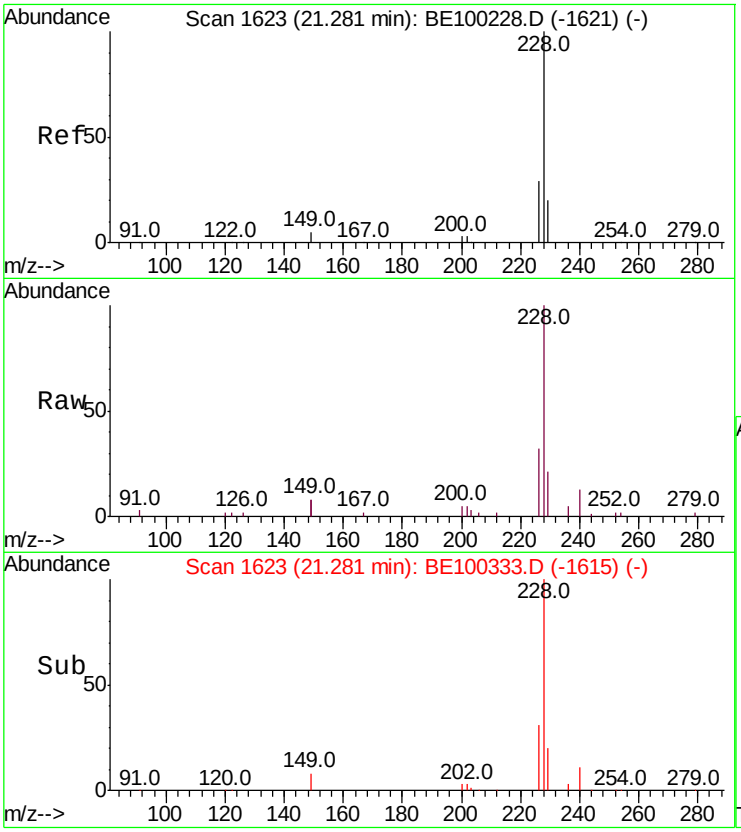


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:228 Resp: 7519

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	21.1	15.7	23.5



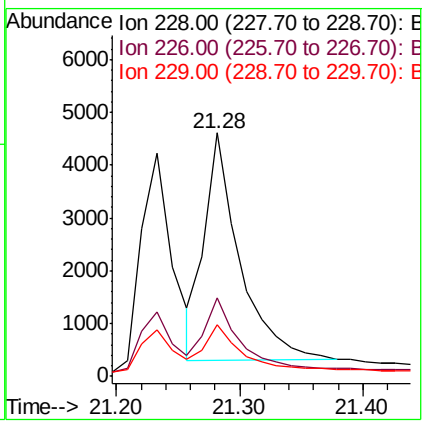


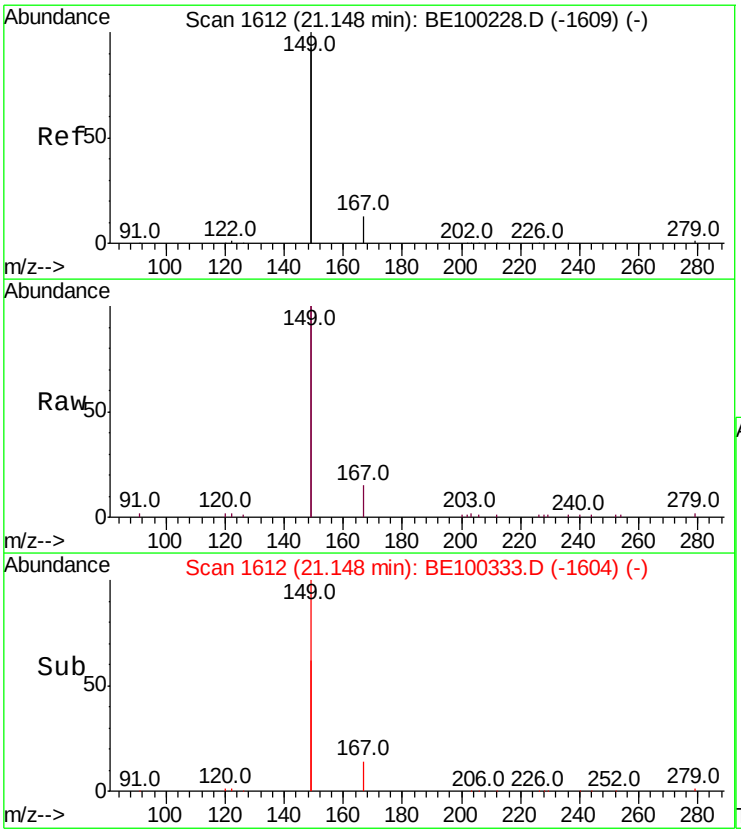
#31
Chrysene
Concen: 0.437 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8517

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.9	35.9
229	21.1	16.5	24.7

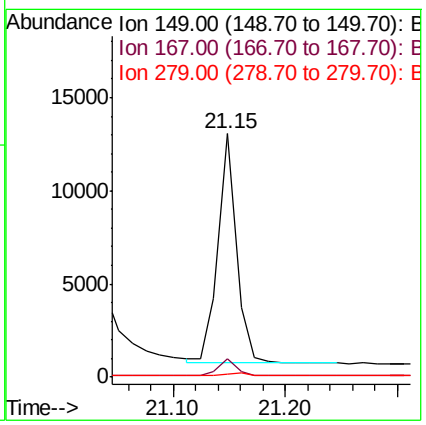


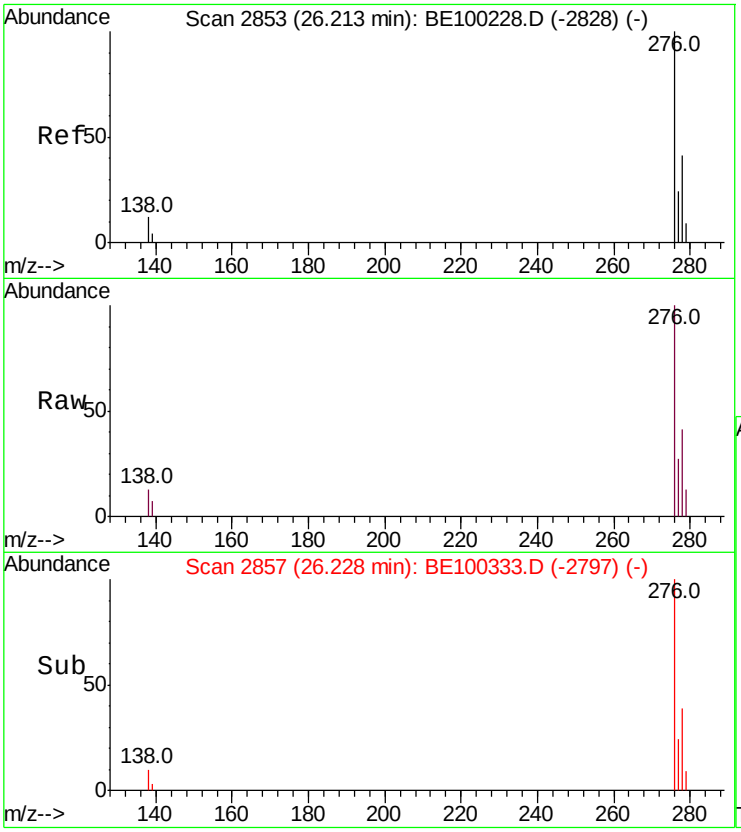


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.464 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:149 Resp: 14303

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.5	1.1	1.7



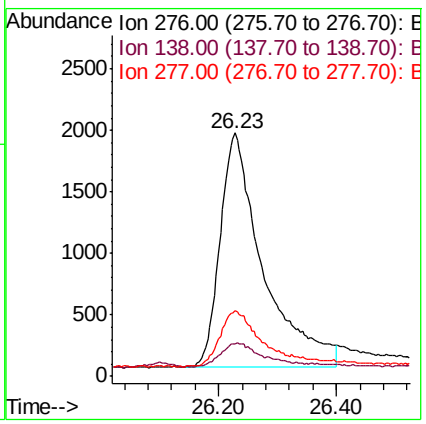


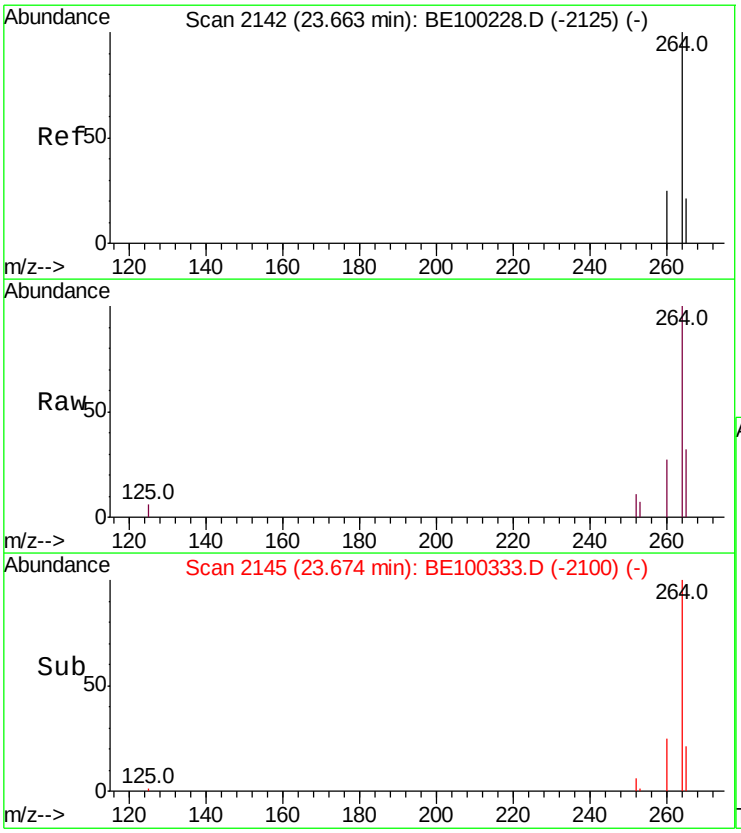
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 26.23 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9666

Ion	Ratio	Lower	Upper
276	100		
138	10.2	9.4	14.0
277	22.5	19.2	28.8

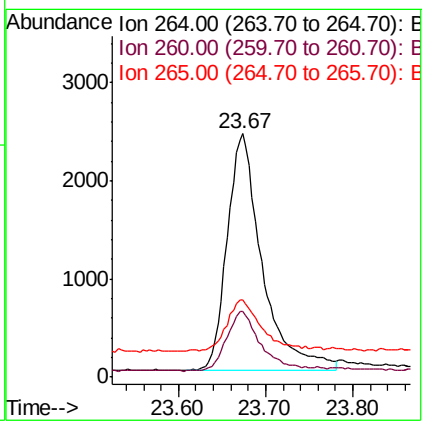


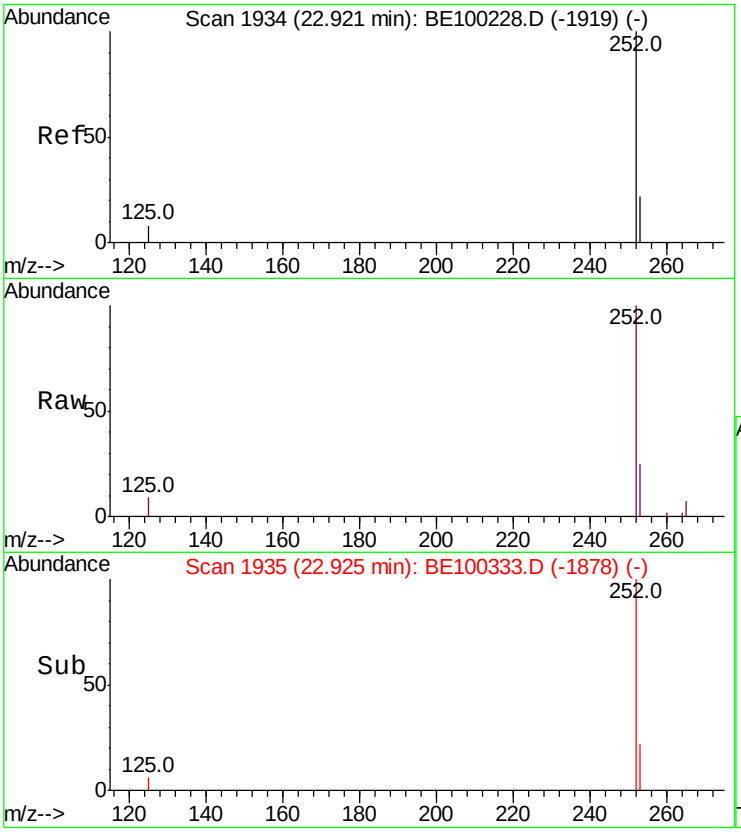


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:264 Resp: 6724

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.8	31.2
265	31.6	21.8	32.6



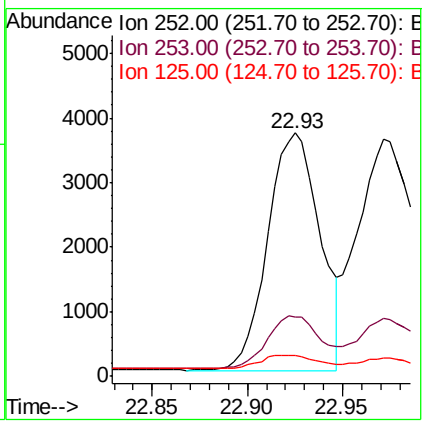


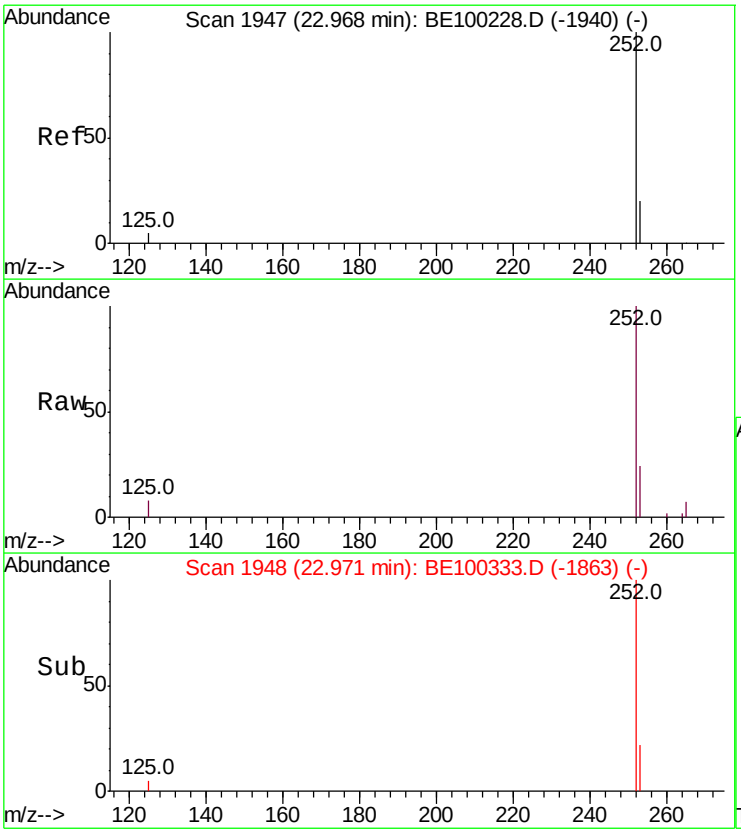
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7026

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.2	28.8
125	8.6	7.4	11.0

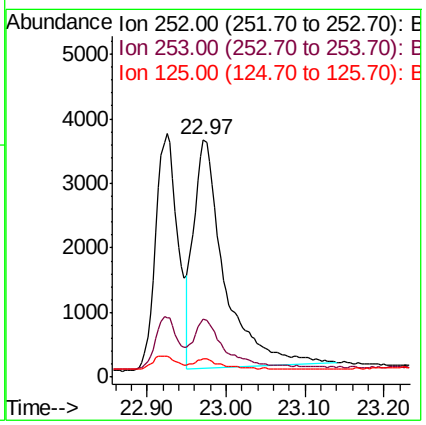


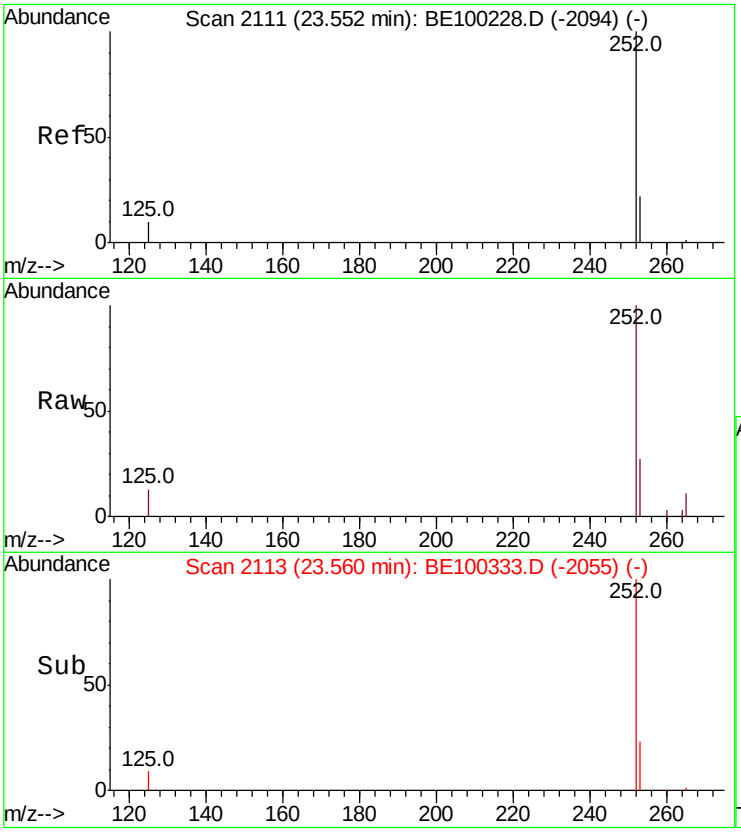


#36
Benzo(k)fluoranthene
Concen: 0.470 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:252 Resp: 9560

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	7.8	5.0	7.4#



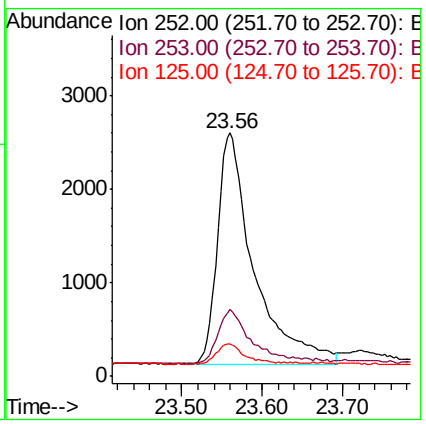


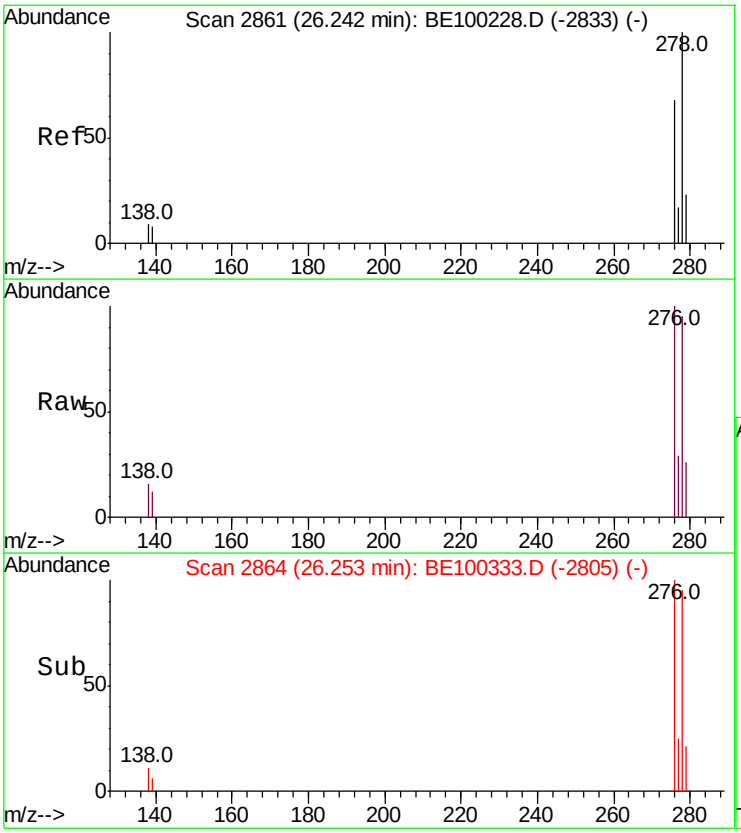
#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7763

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.6	29.4
125	13.4	9.0	13.6

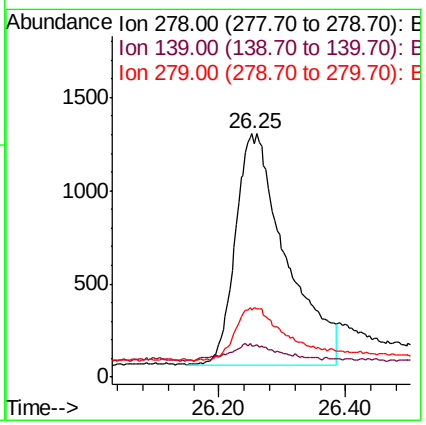


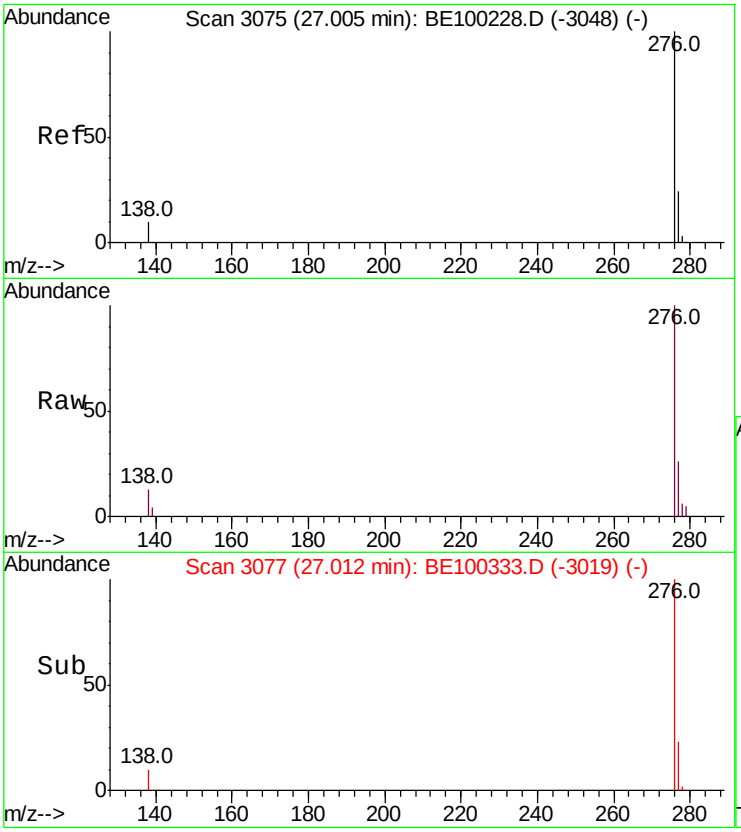


#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.25 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:278 Resp: 6903

Ion	Ratio	Lower	Upper
278	100		
139	12.8	8.2	12.2#
279	27.3	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.444 ng
RT: 27.01 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8700

Ion	Ratio	Lower	Upper
276	100		
277	26.3	20.2	30.2
138	13.0	9.0	13.6