Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100975.D
Acq On : 26 Dec 2019 16:56
Operator : JU
Sample : PB125683BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 27 01:08:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 14:28:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3187	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	16169	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	9843	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	22297	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	20231	0.40	ng		0.00
34) Perylene-d12	23.72	264	27285	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1933	0.36	ng		-0.01
5) Phenol-d6	6.95	99	2166	0.39	ng		-0.03
8) Nitrobenzene-d5	8.90	82	2336	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.12	152	10103	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	622	0.41	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	14835	0.42	ng		0.00
25) Fluoranthene-d10	19.14	212	100799	0.37	ng		0.00
29) Terphenyl-d14	19.75	244	20425	0.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	4121	0.401	ng		97
3) n-Nitrosodimethylamine	3.65	42	793	0.508	ng	#	1
6) bis(2-Chloroethyl)ether	7.19	93	3269	0.284	ng		81
9) Naphthalene	10.57	128	74335	0.432	ng		100
10) Hexachlorobutadiene	10.86	225	3199	0.421	ng		98
12) 2-Methylnaphthalene	12.19	142	10081	0.387	ng		97
16) Acenaphthylene	14.10	152	12237	0.333	ng		99
17) Acenaphthene	14.44	154	11672	0.437	ng		99
18) Fluorene	15.42	166	14480	0.435	ng		98
20) 4-Bromophenyl-phenylether	16.32	248	3778	0.386	ng		91
21) Hexachlorobenzene	16.43	284	4502	0.389	ng		98
22) Pentachlorophenol	16.79	266	292	0.309	ng		94
23) Phenanthrene	17.15	178	23826	0.415	ng		99
24) Anthracene	17.26	178	13119	0.226	ng		97
26) Fluoranthene	19.17	202	29761	0.380	ng		99
28) Pyrene	19.54	202	30527	0.431	ng		100
30) Benzo(a)anthracene	21.28	228	21090	0.426	ng		99
31) Chrysene	21.33	228	26519	0.288	ng		99
32) Bis(2-ethylhexyl)phthalate	21.21	149	31831	0.362	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.28	276	30102	0.434	ng	#	89
35) Benzo(b)fluoranthene	22.98	252	26988	0.470	ng		98
36) Benzo(k)fluoranthene	22.98	252	26988	0.248	ng		96
37) Benzo(a)pyrene	23.62	252	28226	0.421	ng		99
38) Dibenzo(a,h)anthracene	26.31	278	25450	0.419	ng		95
39) Benzo(g,h,i)perylene	27.06	276	29734	0.415	ng		98

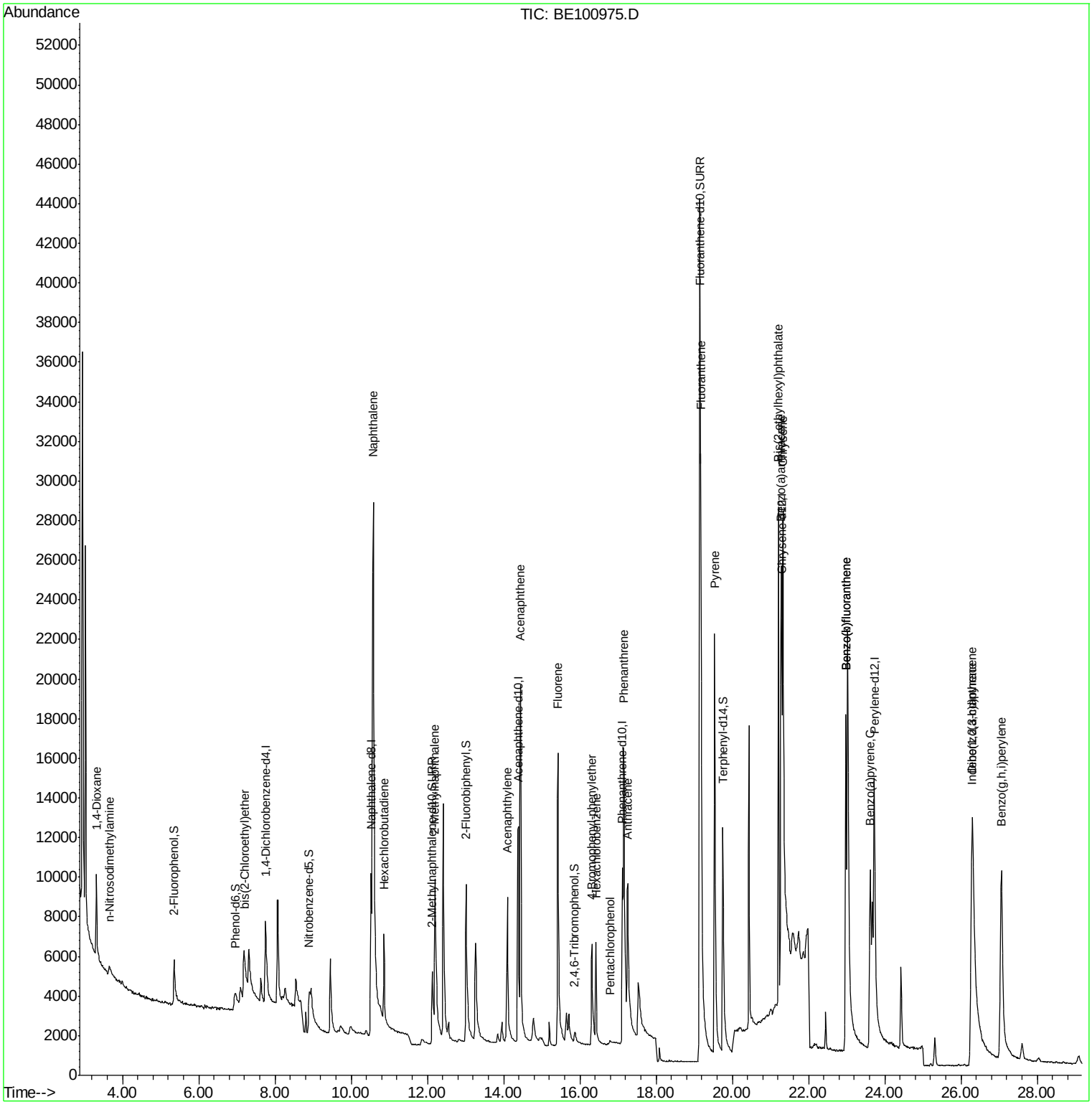
(#) = qualifier out of range (m) = manual integration (+) = signals summed

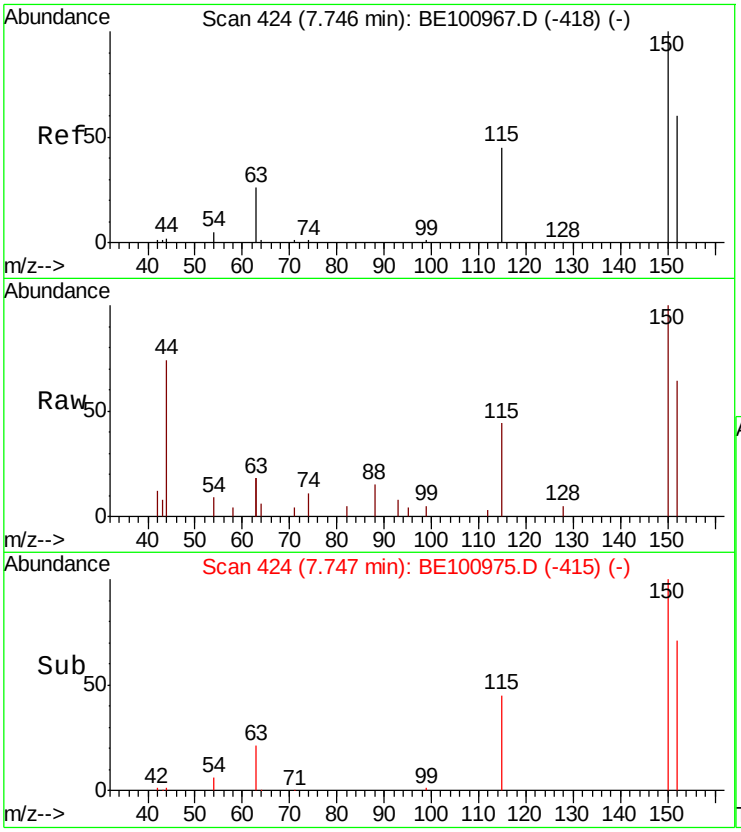
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100975.D
Acq On : 26 Dec 2019 16:56
Operator : JU
Sample : PB125683BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 27 01:08:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 14:28:42 2019
Response via : Initial Calibration



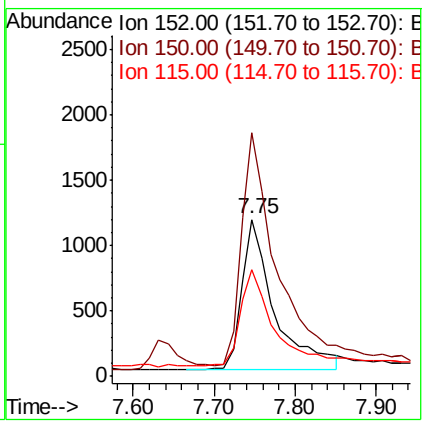


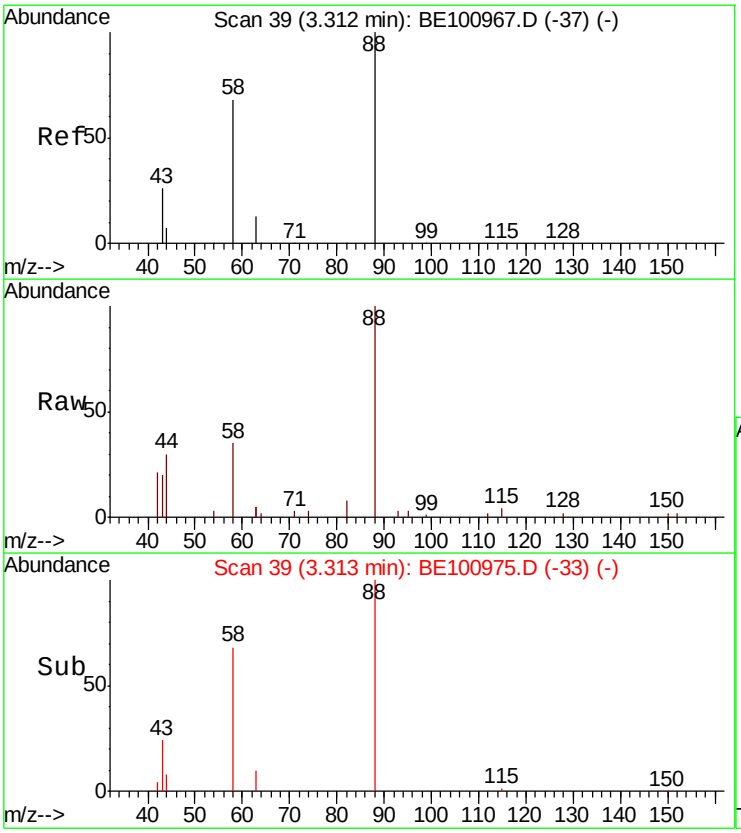
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3187

Ion	Ratio	Lower	Upper
152	100		
150	155.4	132.6	199.0
115	68.4	64.1	96.1

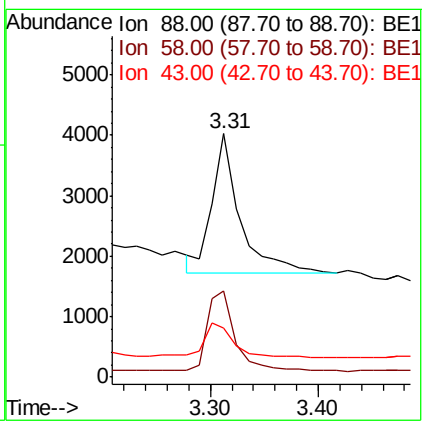


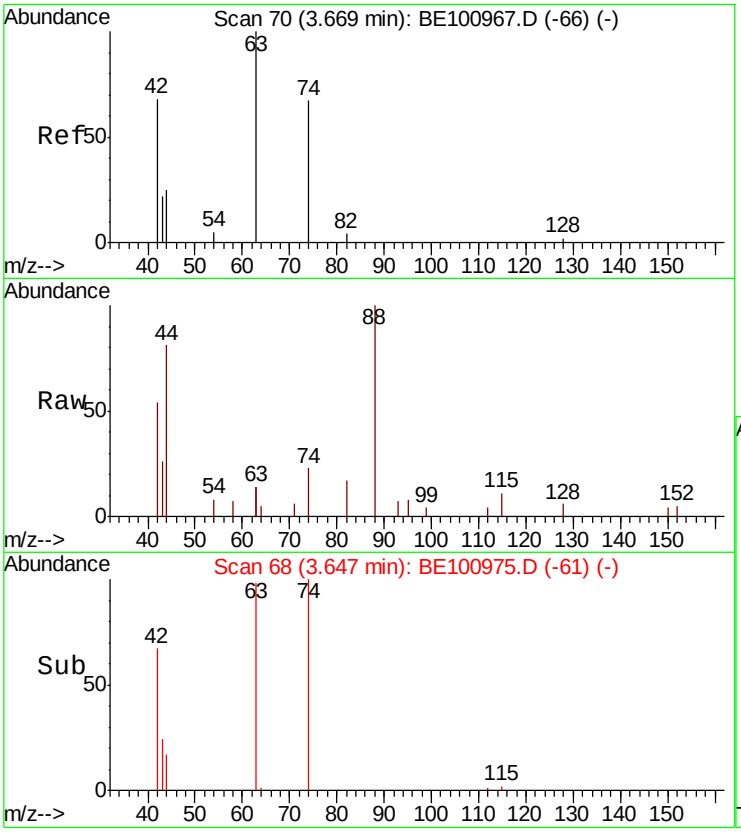


#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion: 88 Resp: 4121

Ion	Ratio	Lower	Upper
88	100		
58	58.4	44.2	66.4
43	27.1	21.0	31.6



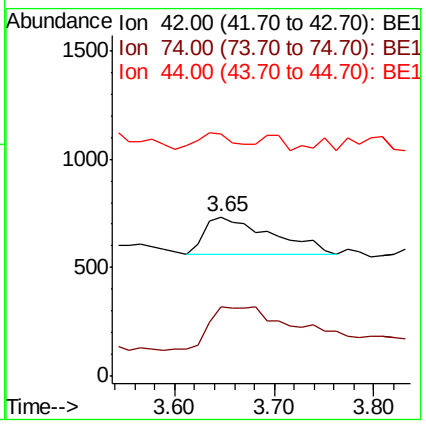


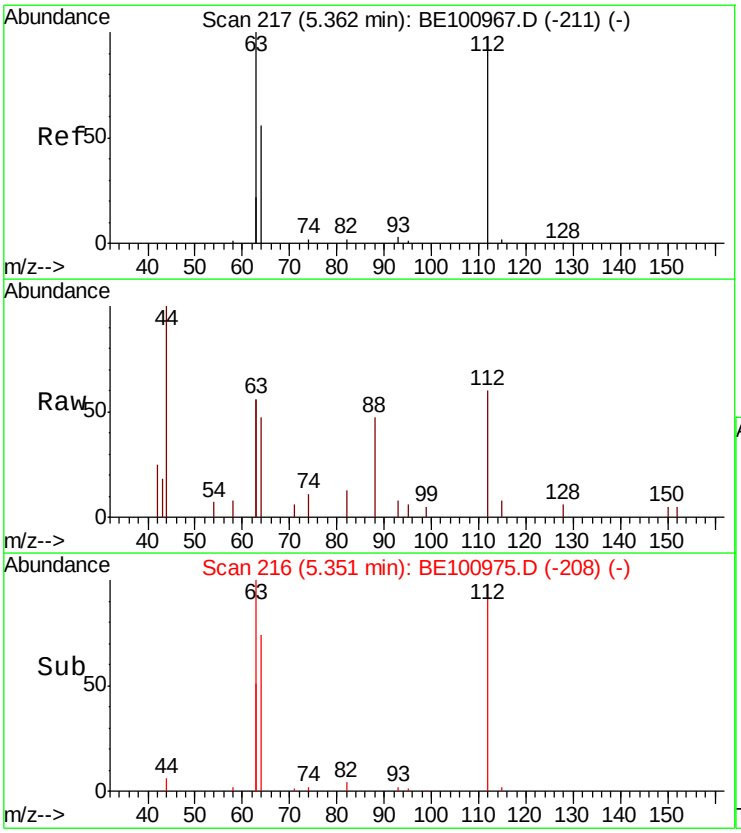
#3
n-Nitrosodimethylamine
Concen: 0.508 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 793

Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.6	174.8#
44	24.1	0.0	0.0#

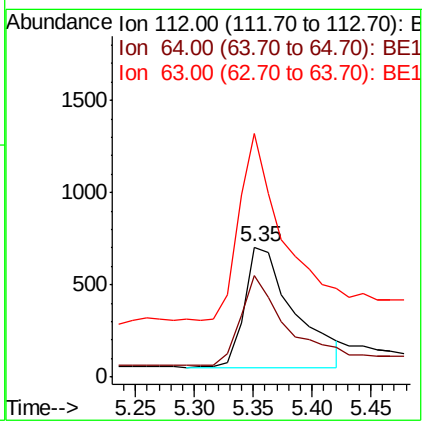


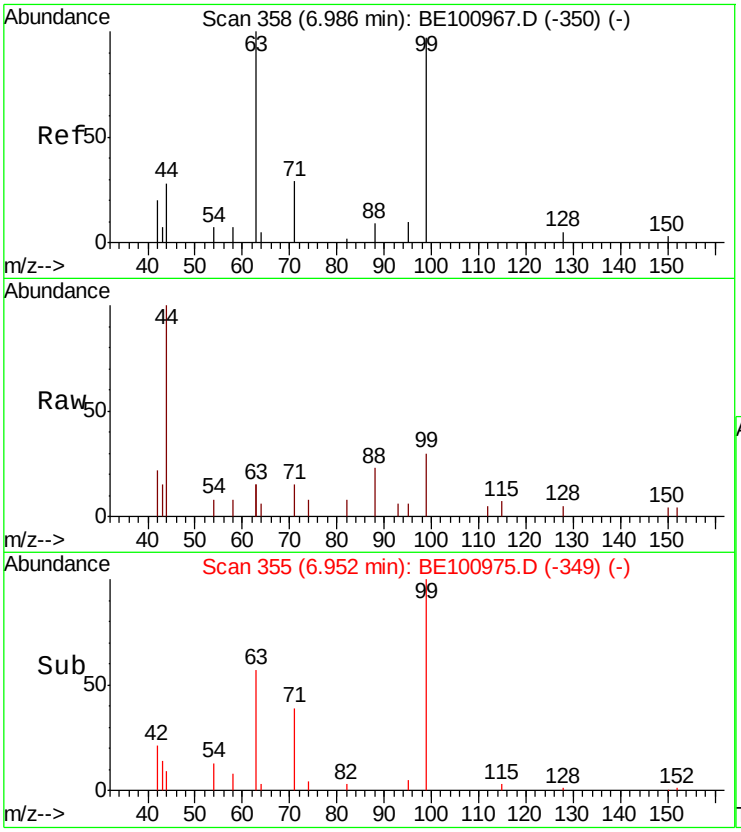


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:112 Resp: 1933

Ion	Ratio	Lower	Upper
112	100		
64	69.2	59.0	88.6
63	142.6	121.4	182.0



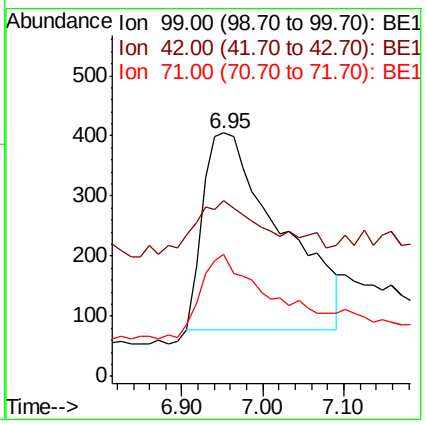


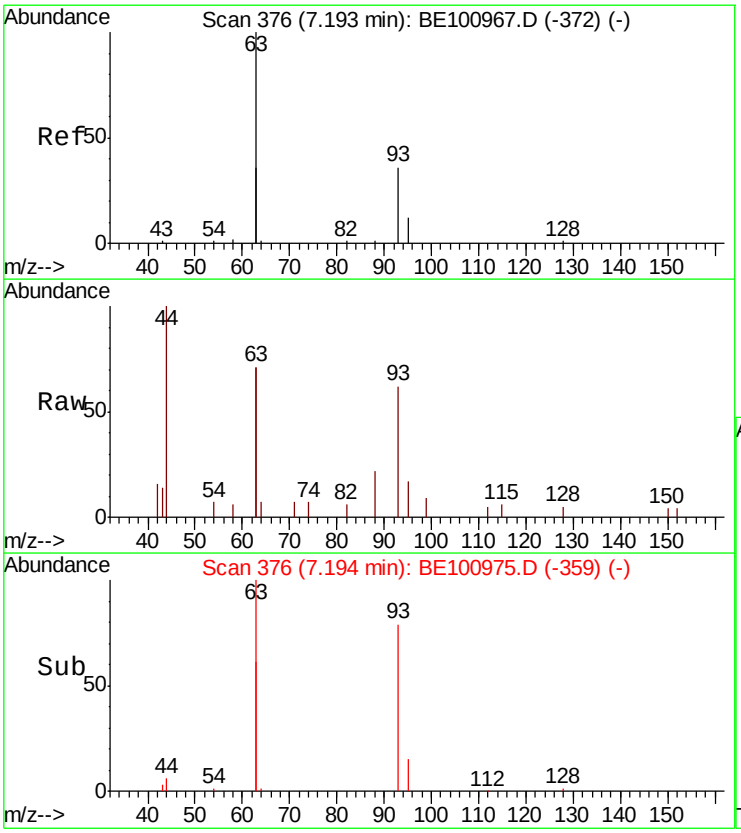
#5
Phenol-d6
Concen: 0.389 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.03 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2166

Ion	Ratio	Lower	Upper
99	100		
42	19.1	0.0	0.0#
71	28.1	0.0	0.0#

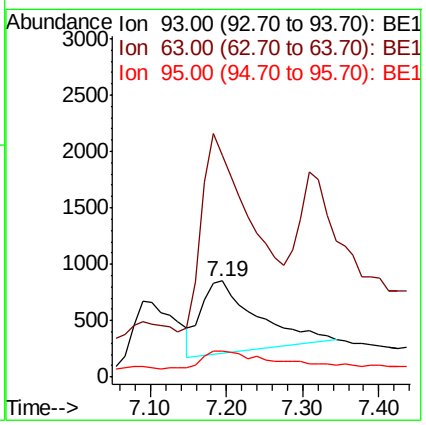


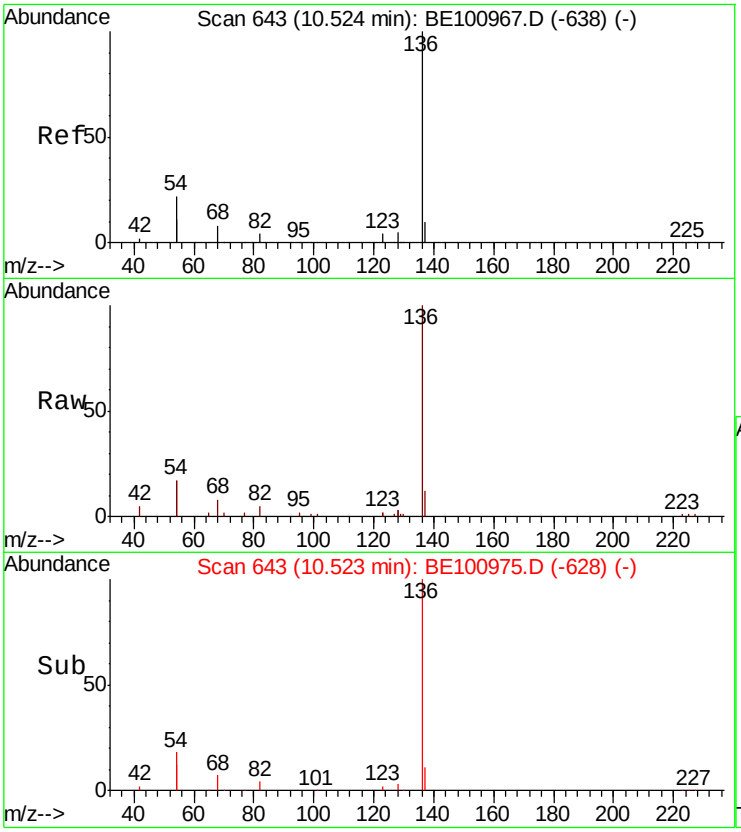


#6
bis(2-Chloroethyl)ether
Concen: 0.284 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion: 93 Resp: 3269

Ion	Ratio	Lower	Upper
93	100		
63	245.9	228.3	342.5
95	29.8	25.9	38.9



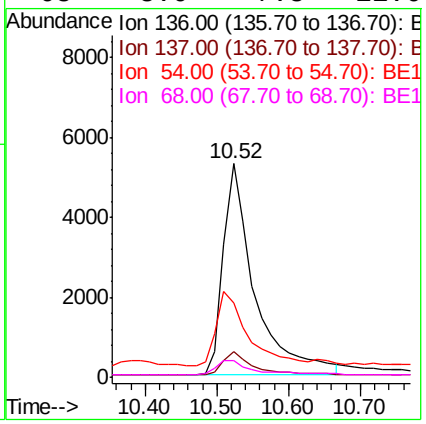


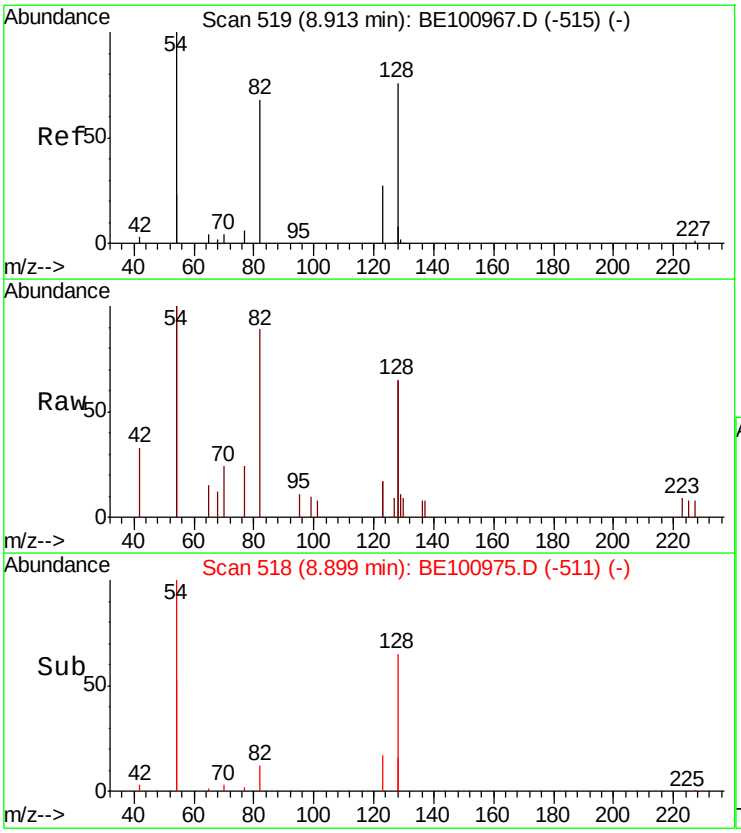
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16169

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.0	13.6
54	34.9	34.4	51.6
68	8.0	7.8	11.6

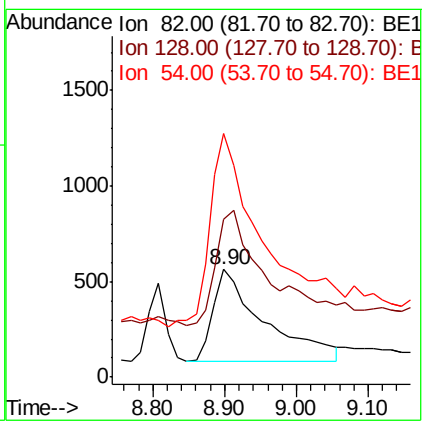


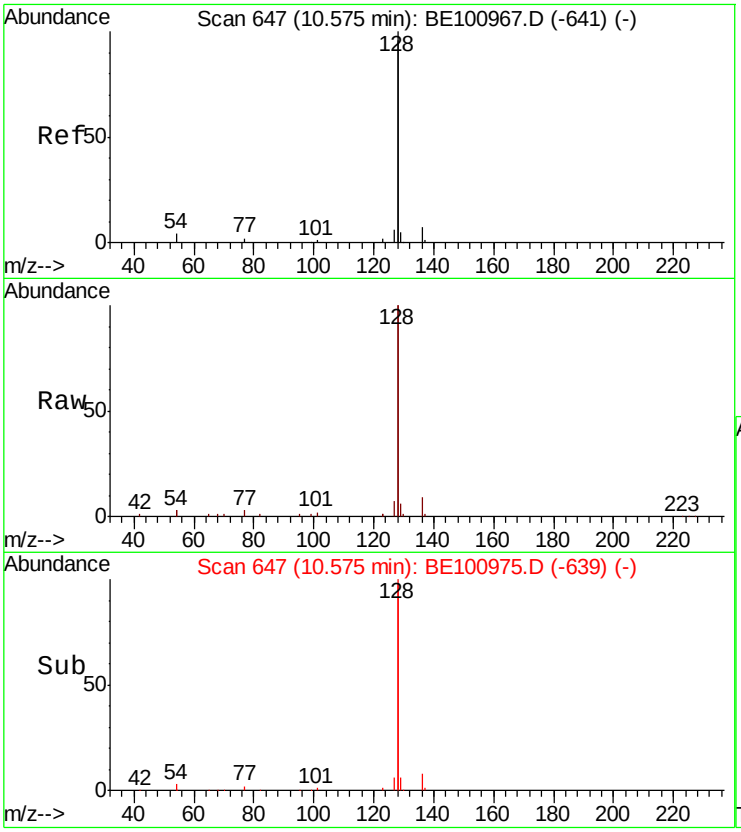


#8
Nitrobenzene-d5
Concen: 0.403 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion: 82 Resp: 2336

Ion	Ratio	Lower	Upper
82	100		
128	146.8	140.2	210.2
54	225.9	183.8	275.6



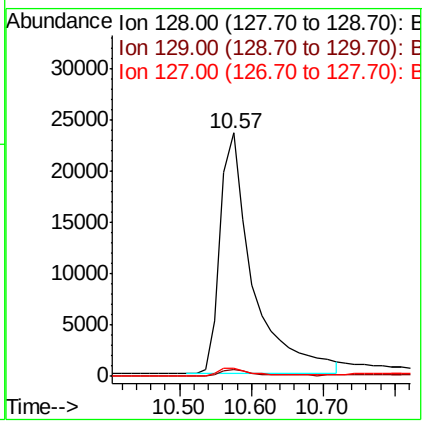


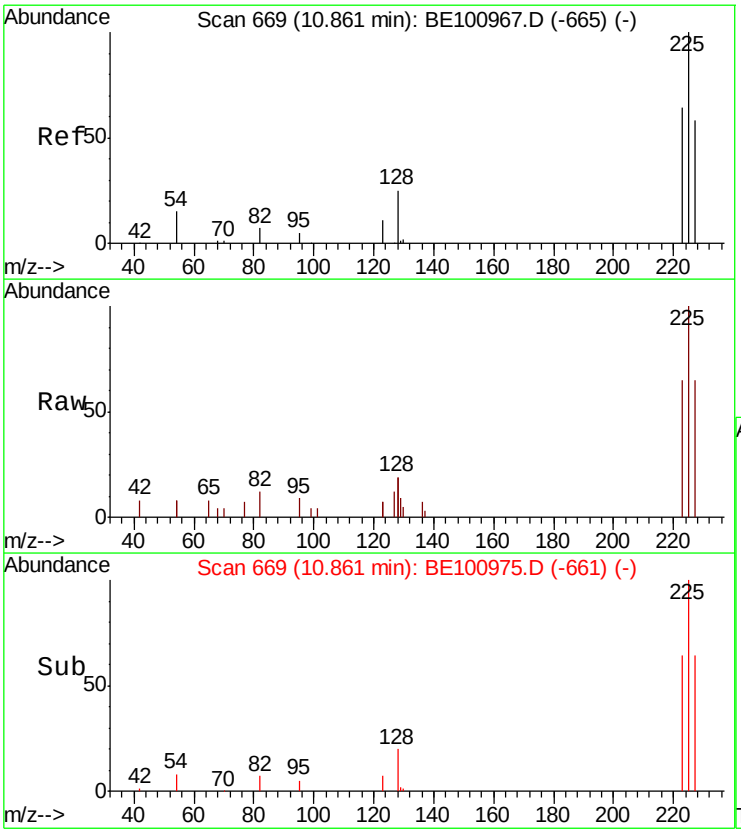
#9
Naphthalene
Concen: 0.432 ng
RT: 10.57 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 74335

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.4	2.8	4.2

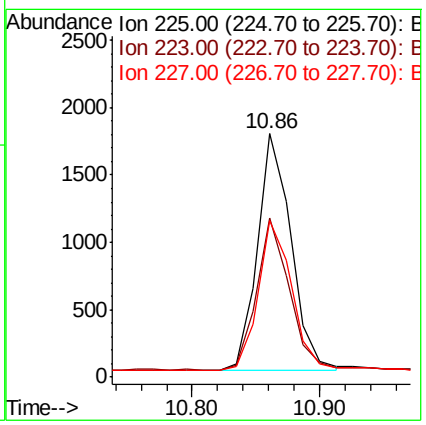


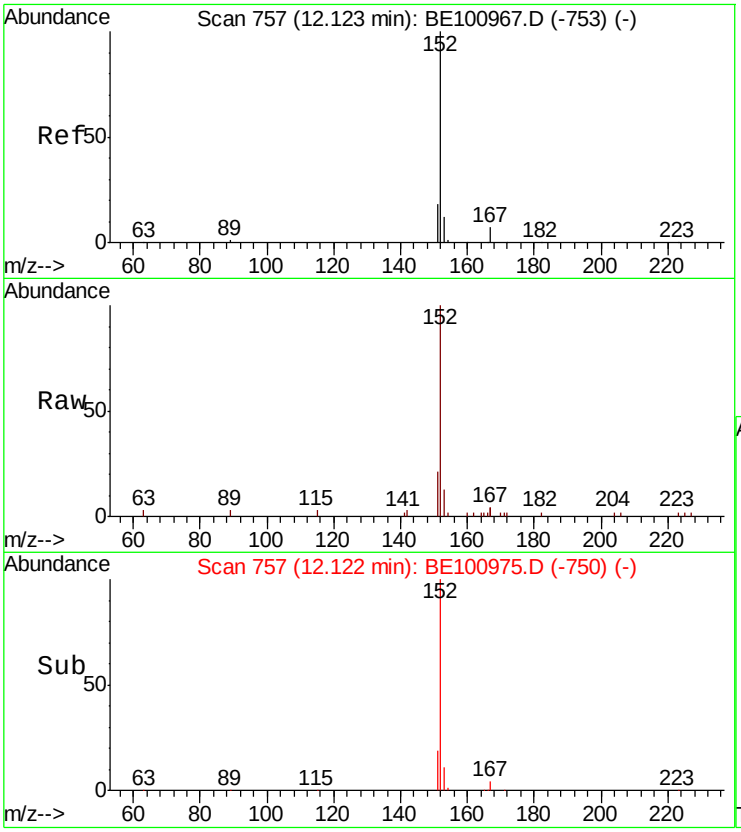


#10
Hexachlorobutadiene
Concen: 0.421 ng
RT: 10.86 min Scan# 669
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:225 Resp: 3199

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.0
227	63.3	50.2	75.2



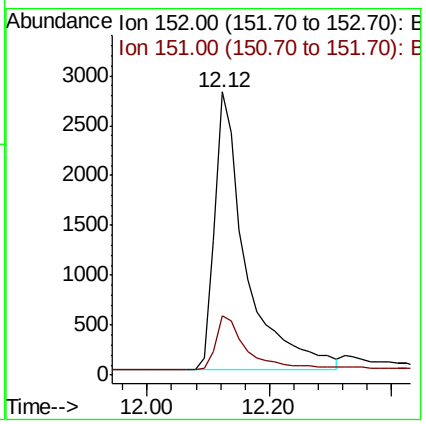


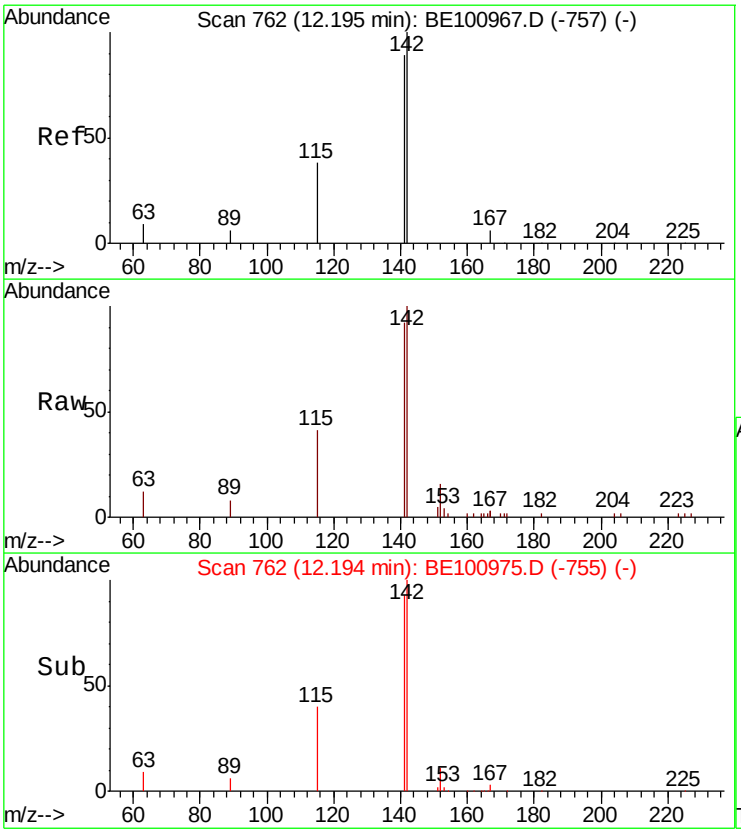
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10103

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.1	22.7

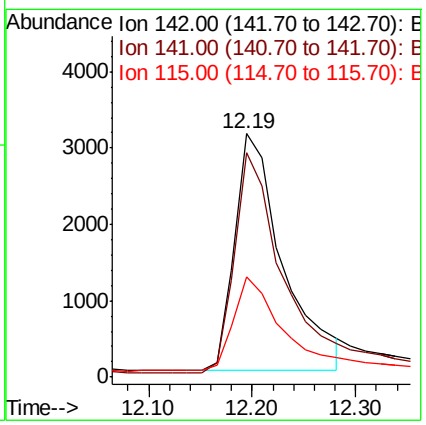


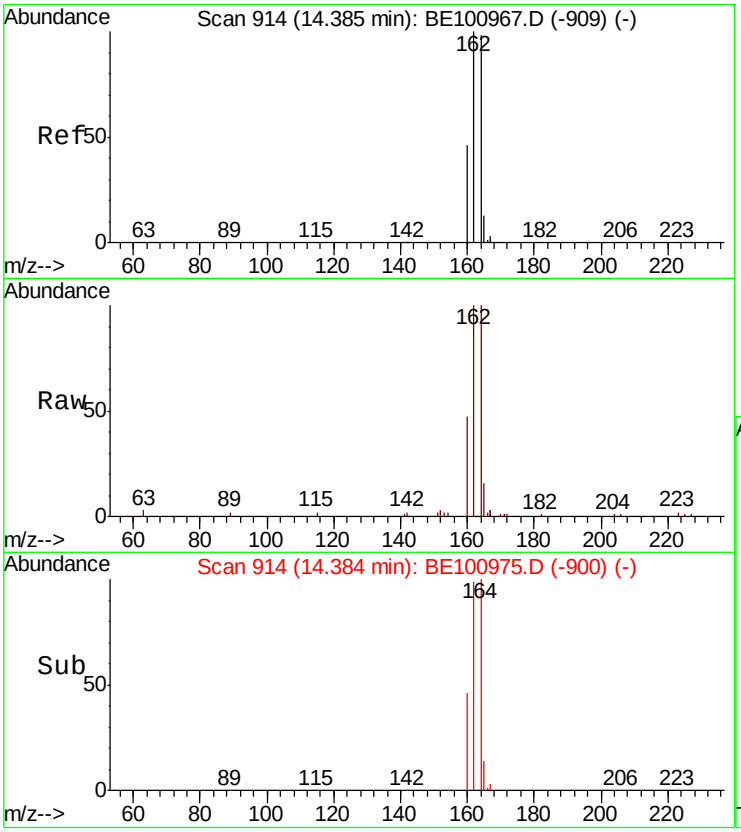


#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:142 Resp: 10081

Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.8	106.2
115	41.2	32.0	48.0



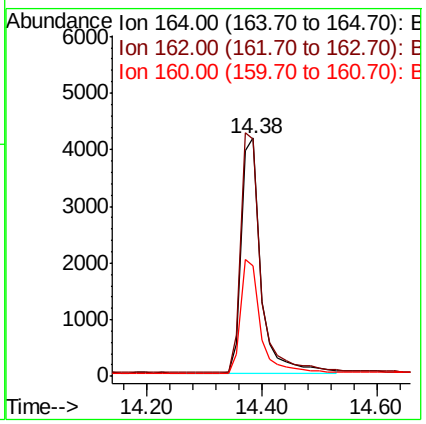


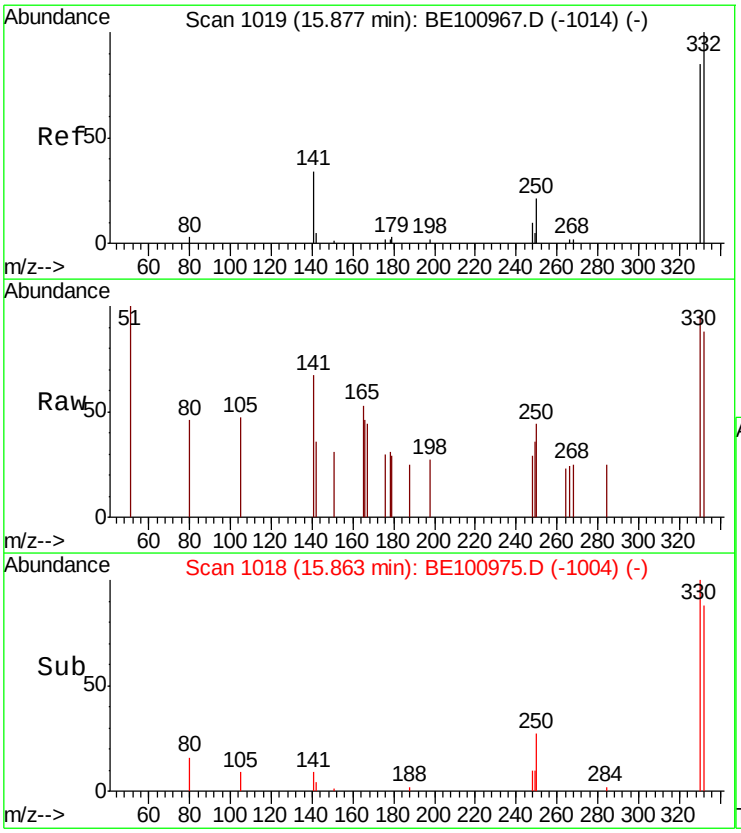
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9843

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.6	122.4
160	46.6	37.7	56.5

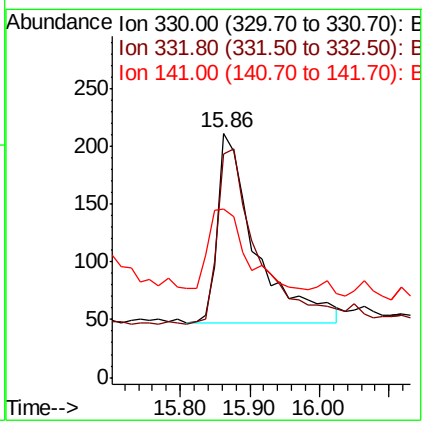


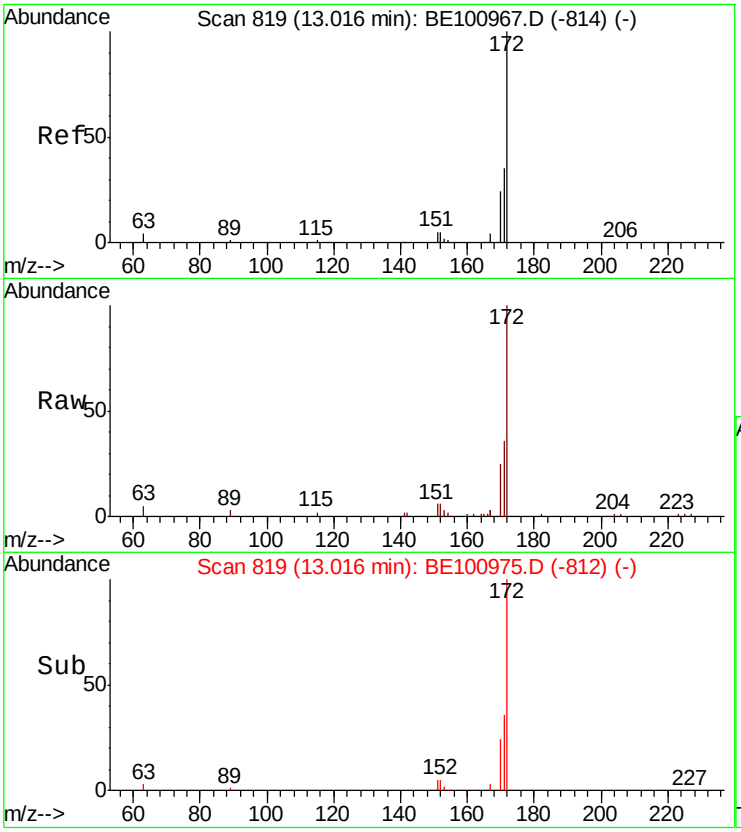


#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:330 Resp: 622

Ion	Ratio	Lower	Upper
330	100		
332	99.2	72.4	108.6
141	43.4	25.4	38.2#



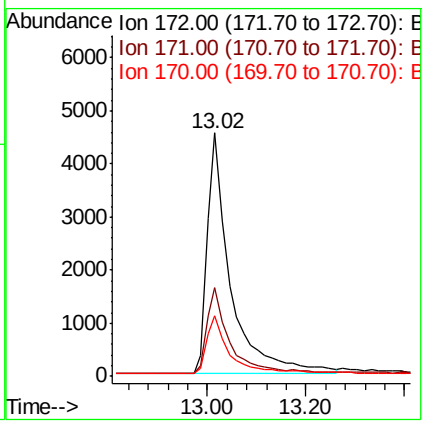


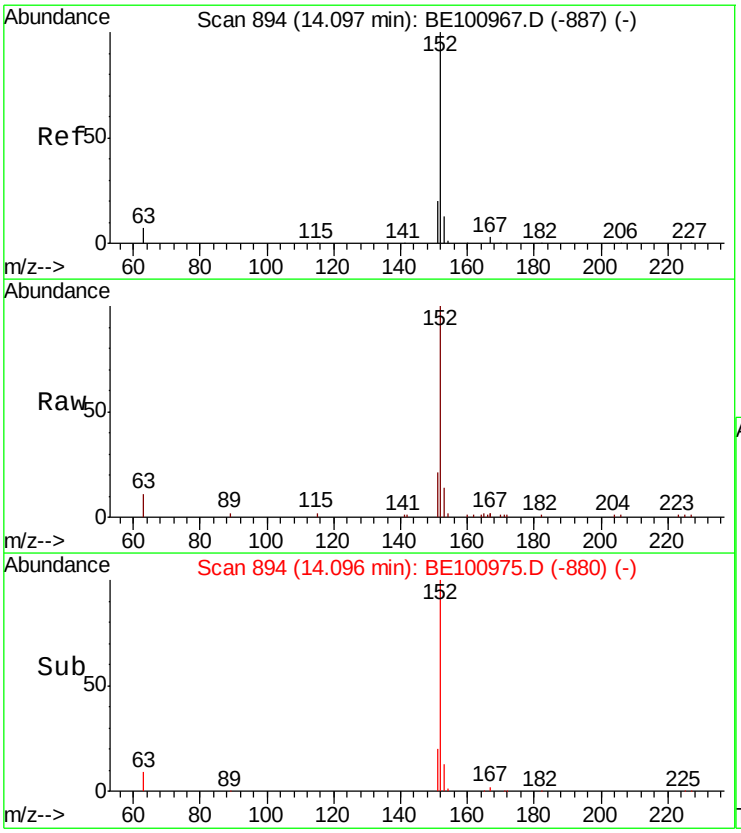
#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14835

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.6	20.0	30.0

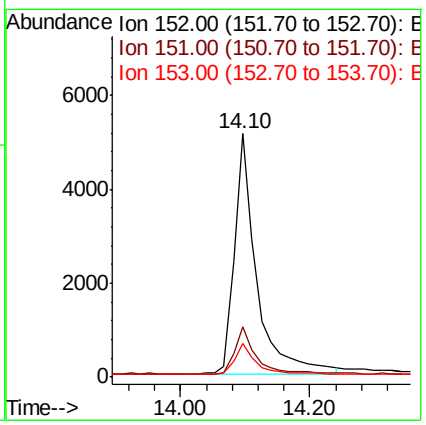


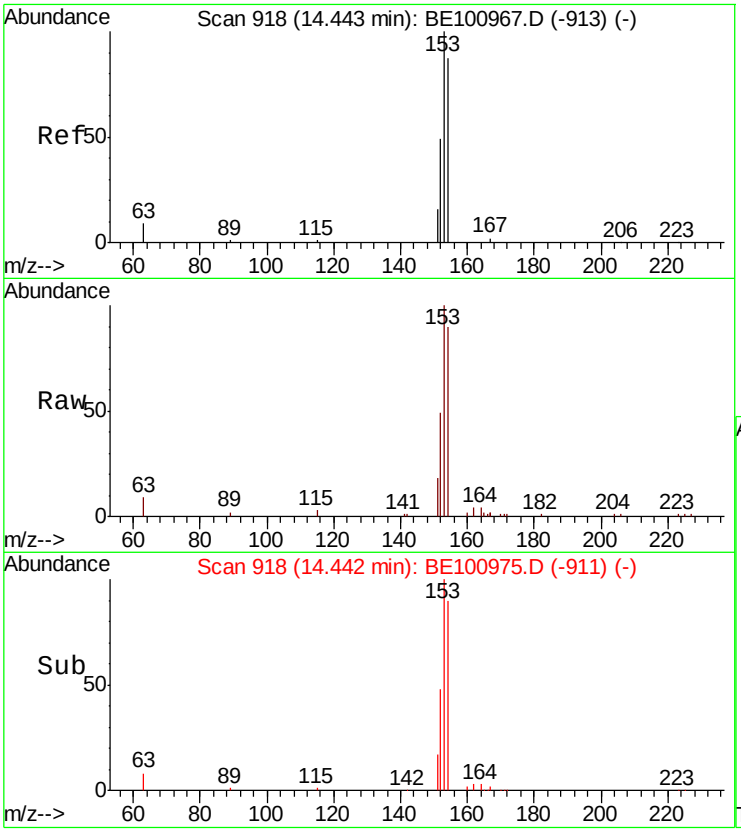


#16
Acenaphthylene
Concen: 0.333 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:152 Resp: 12237

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.6	10.5	15.7



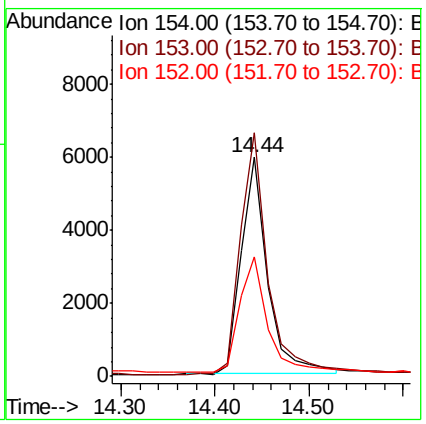


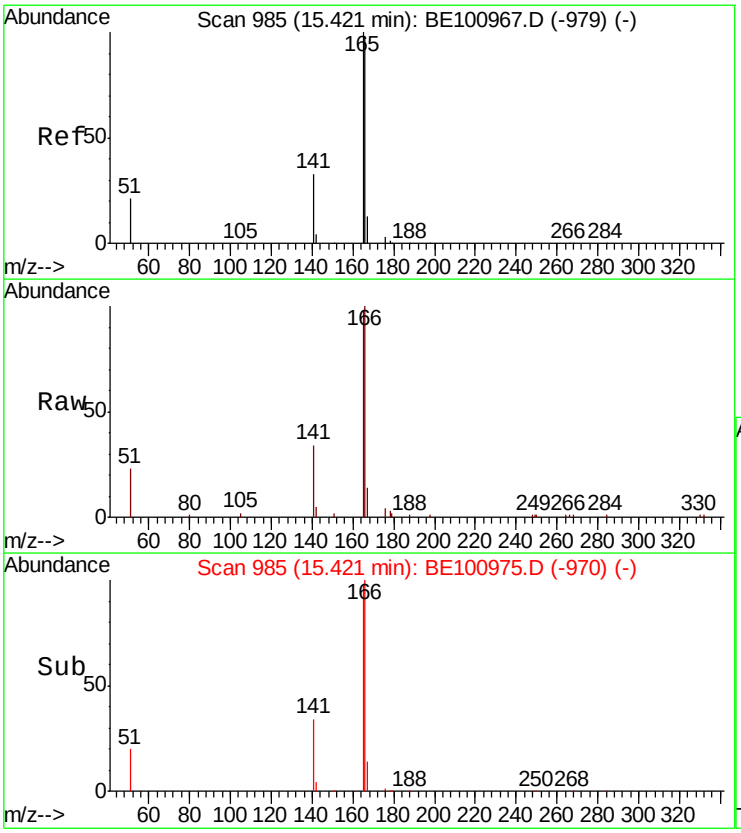
#17
Acenaphthene
Concen: 0.437 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 11672

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.7	137.5
152	55.0	44.5	66.7

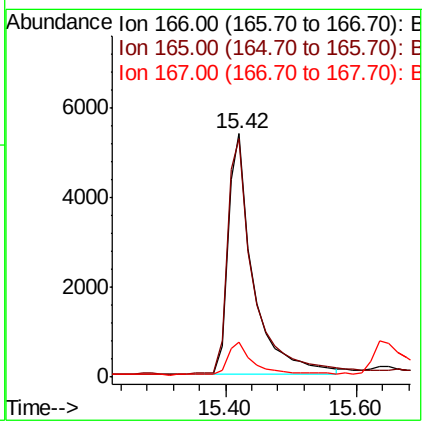


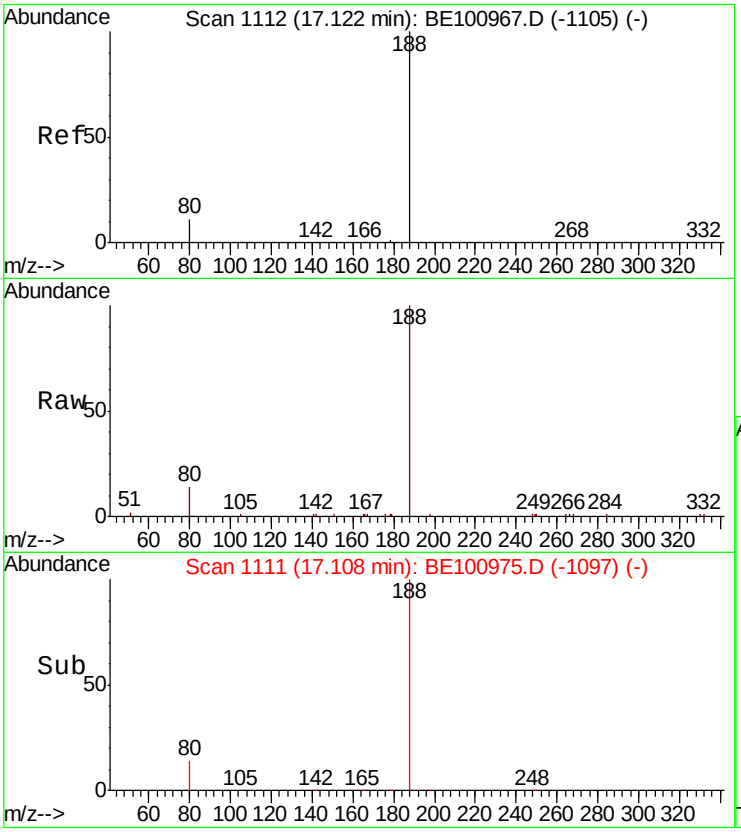


#18
Fluorene
Concen: 0.435 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:166 Resp: 14480

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.4	119.0
167	14.2	10.6	15.8



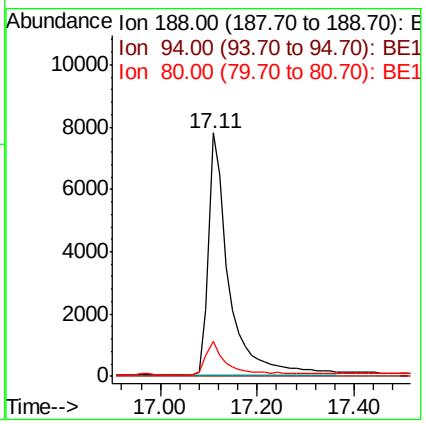


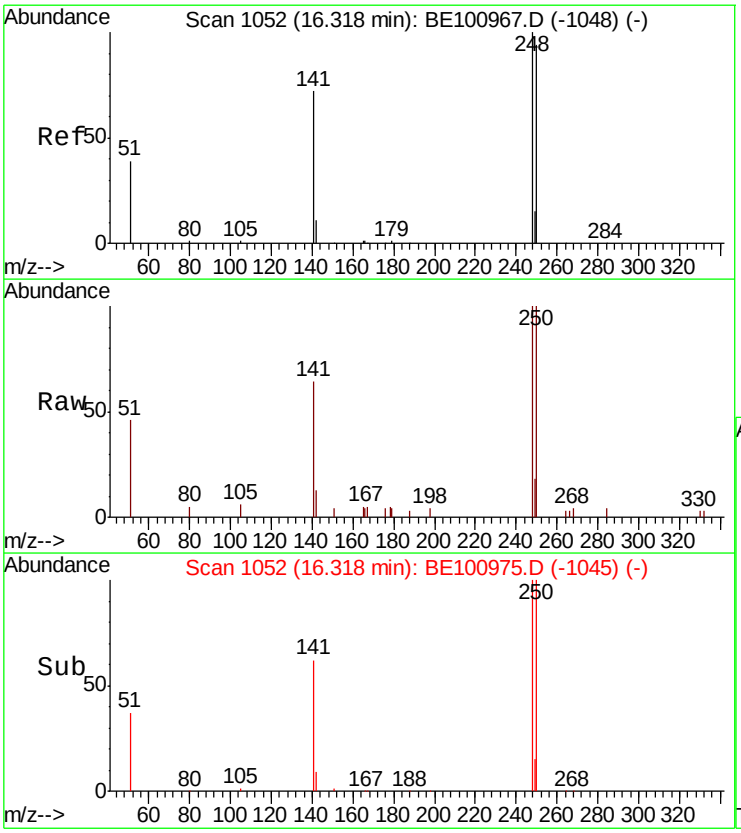
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 22297

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	9.7	14.5

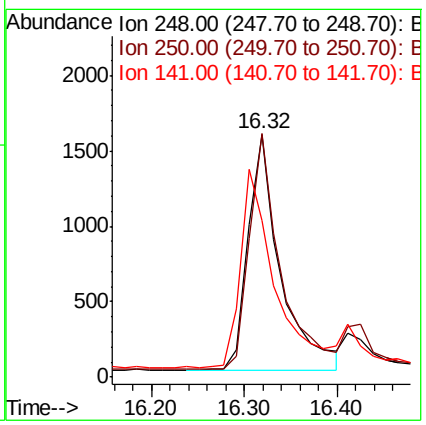


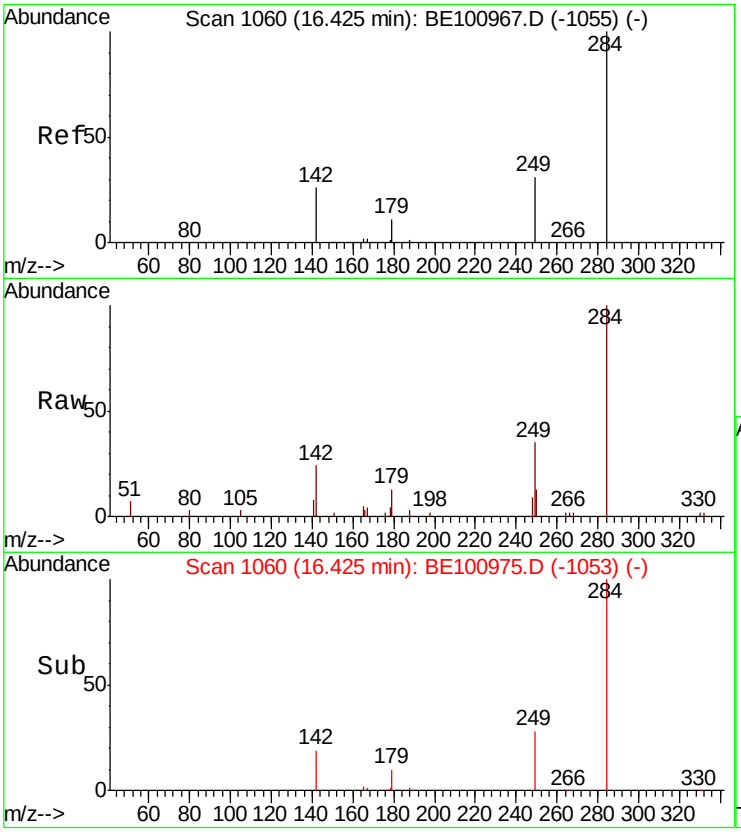


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:248 Resp: 3778

Ion	Ratio	Lower	Upper
248	100		
250	100.4	76.0	114.0
141	64.7	61.0	91.6



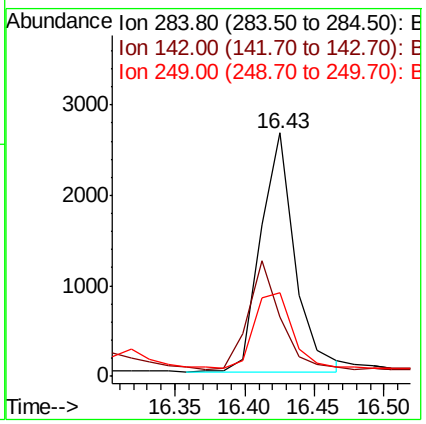


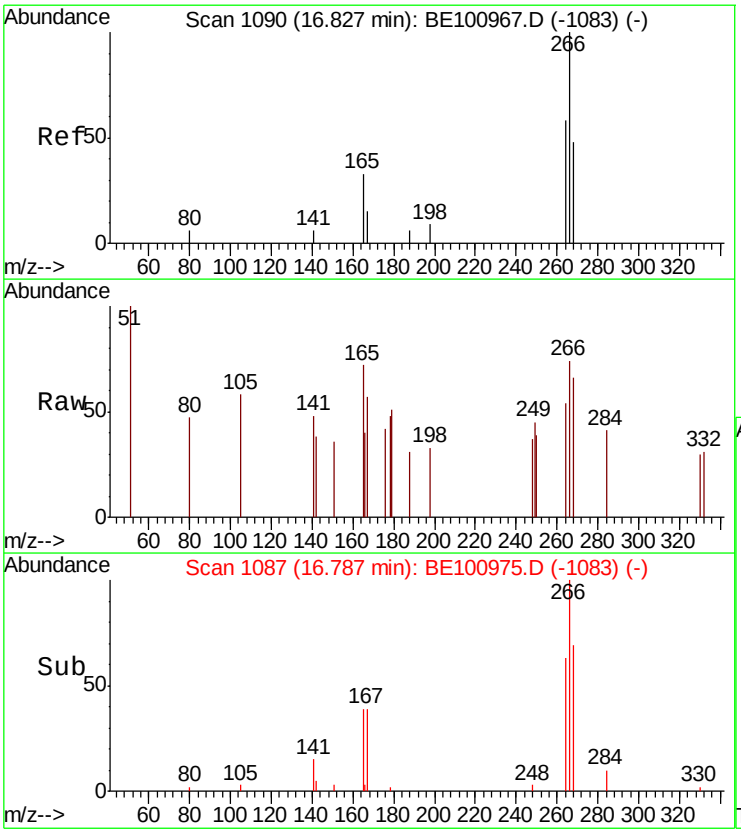
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.43 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4502

Ion	Ratio	Lower	Upper
284	100		
142	43.1	33.3	49.9
249	35.5	27.2	40.8

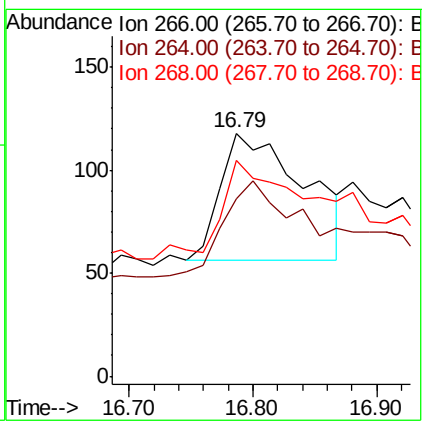


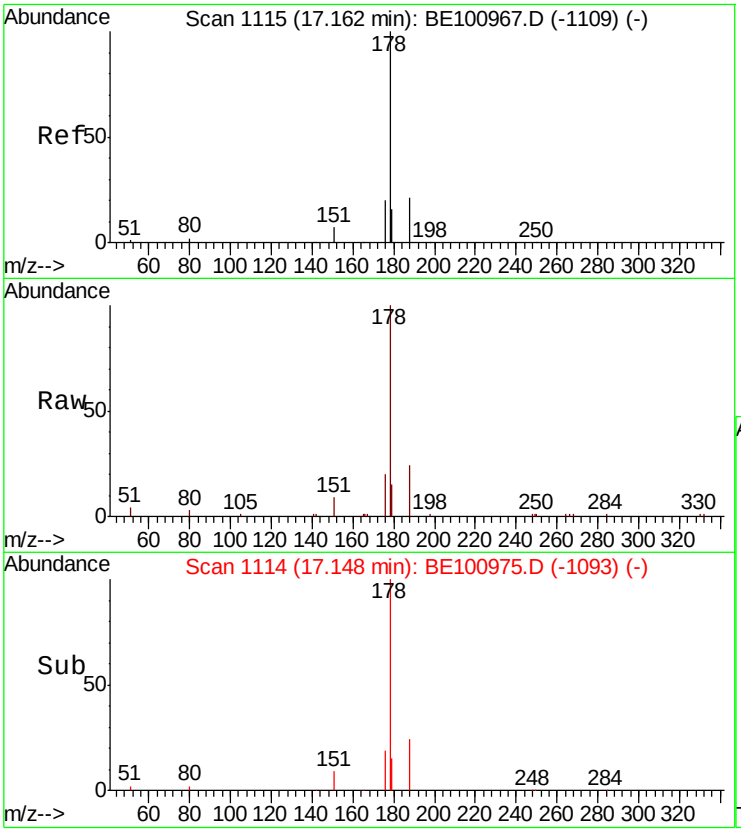


#22
Pentachlorophenol
Concen: 0.309 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:266 Resp: 292

Ion	Ratio	Lower	Upper
266	100		
264	72.9	62.3	93.5
268	89.0	66.1	99.1



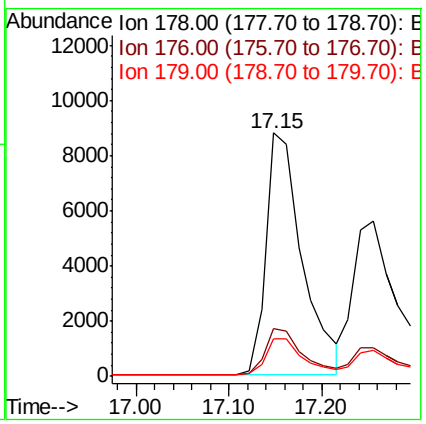


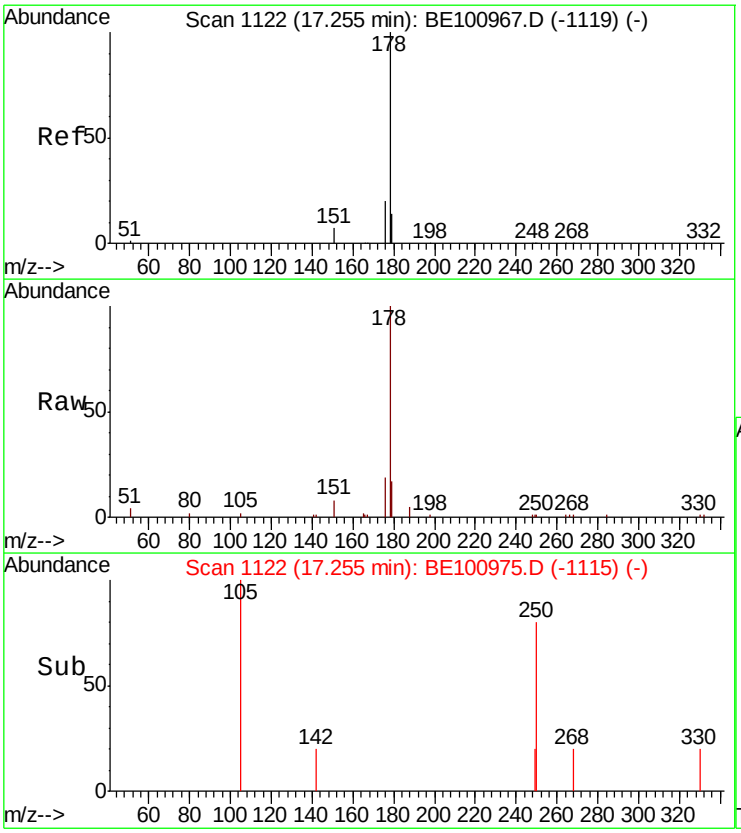
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 23826

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.6	18.8

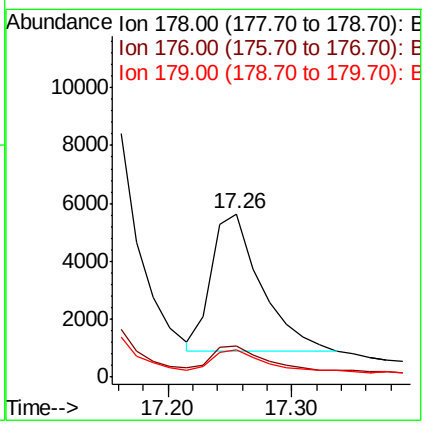


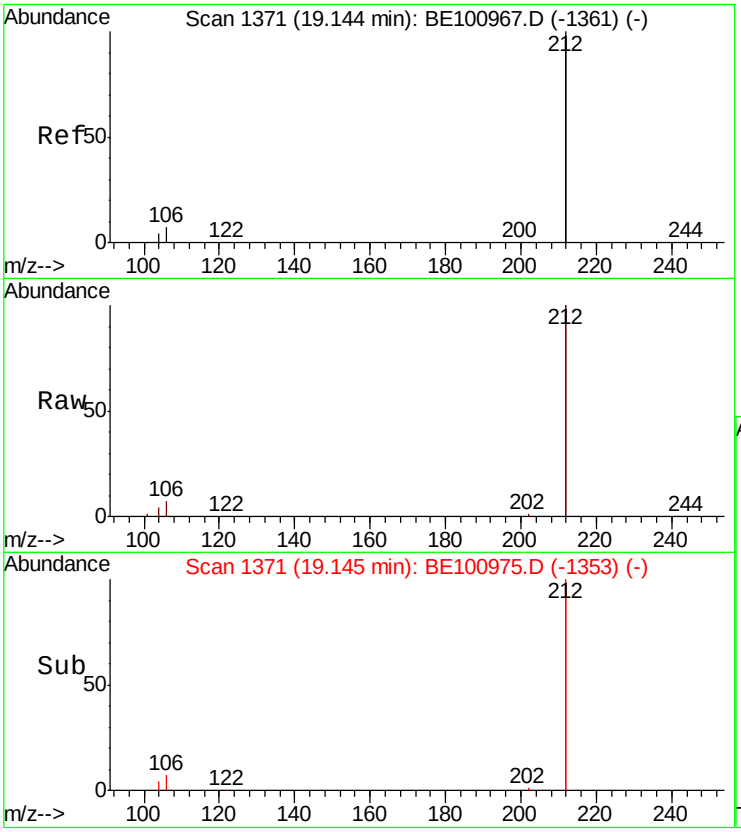


#24
Anthracene
Concen: 0.226 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:178 Resp: 13119

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.0	22.4
179	14.3	12.5	18.7



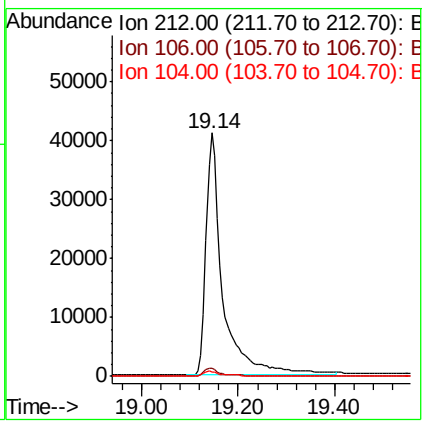


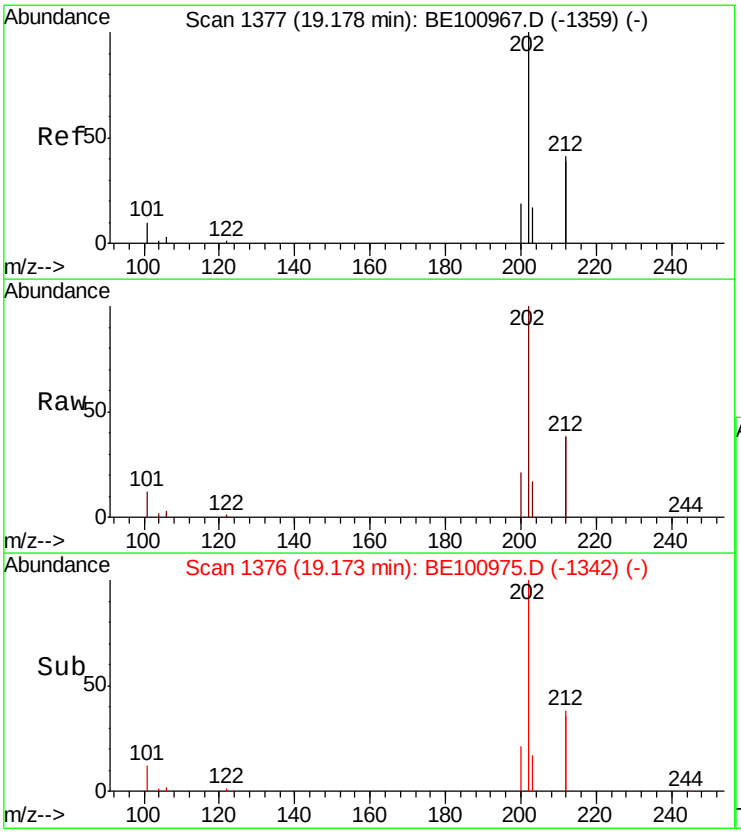
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 100799

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.4	3.6
104	1.9	1.4	2.0

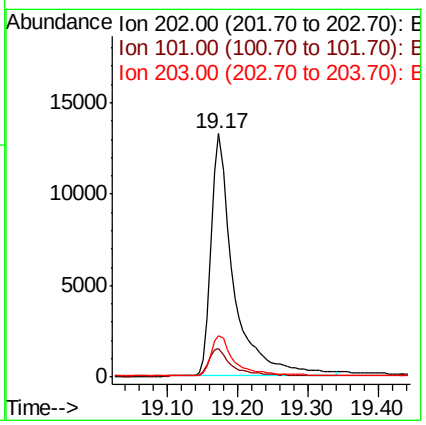


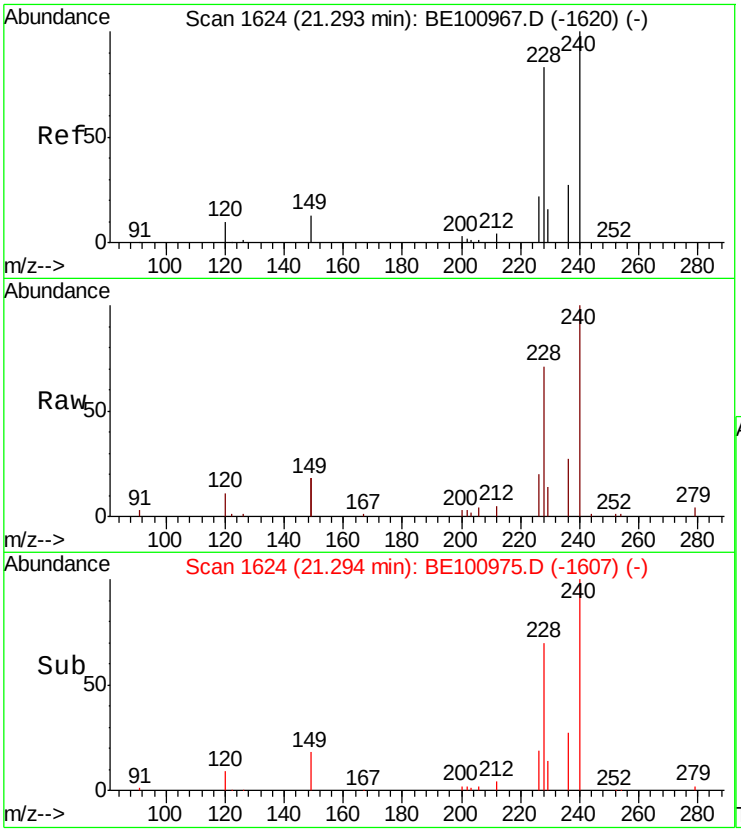


#26
Fluoranthene
Concen: 0.380 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:202 Resp: 29761

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.1	13.2	19.8



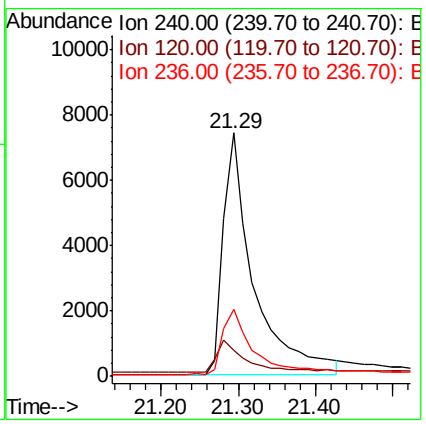


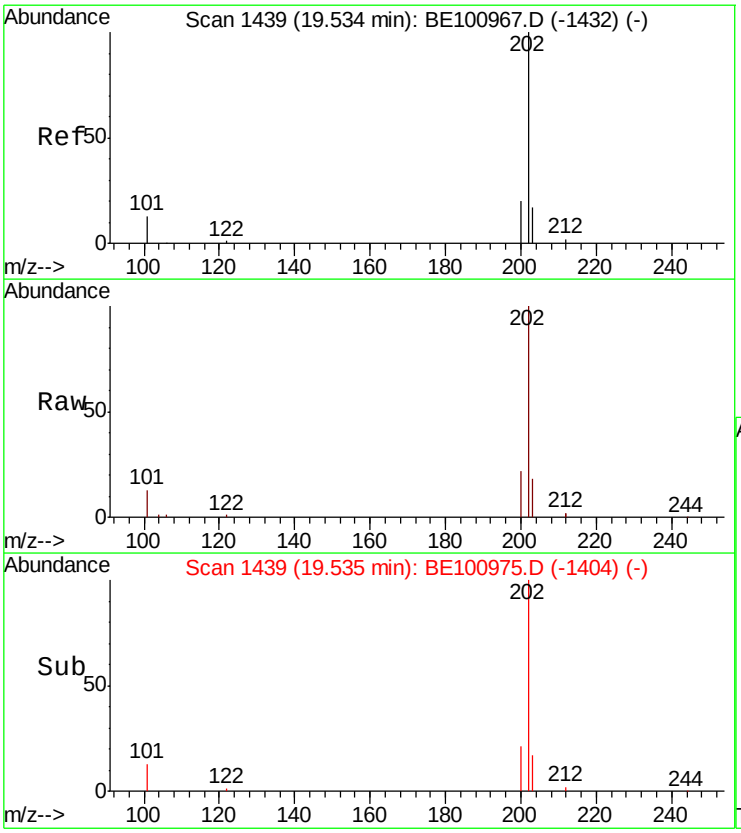
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 20231

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.2	15.4
236	27.3	22.6	34.0

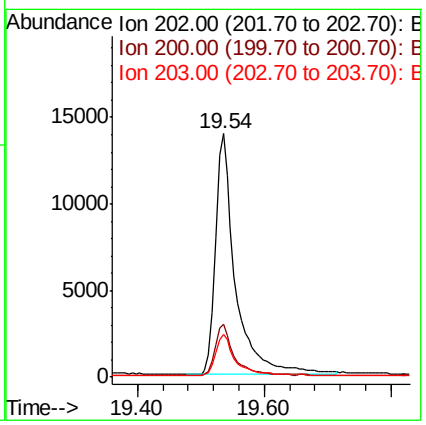


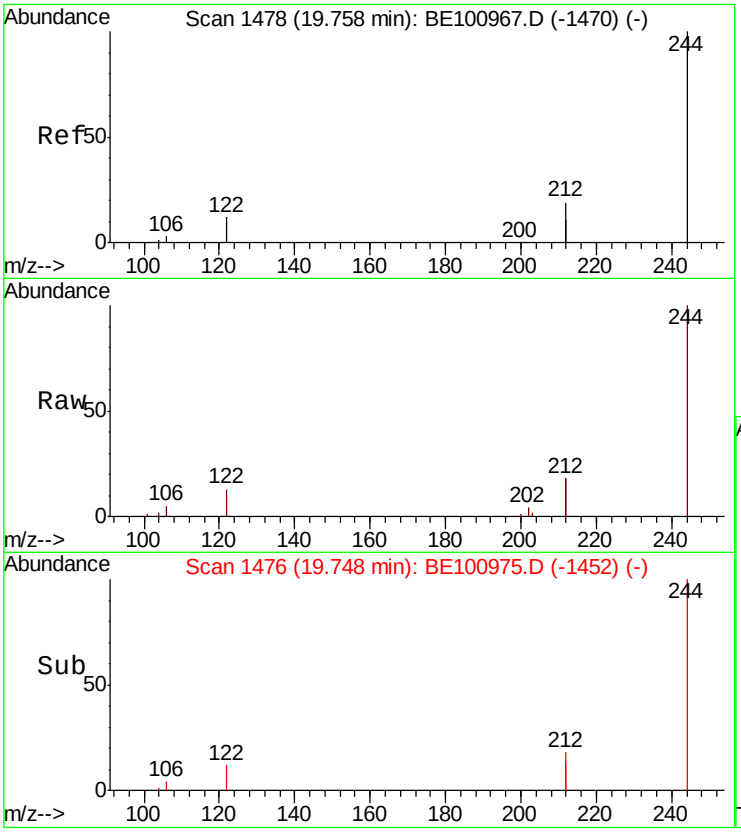


#28
Pyrene
Concen: 0.431 ng
RT: 19.54 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:202 Resp: 30527

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.3	13.8	20.6



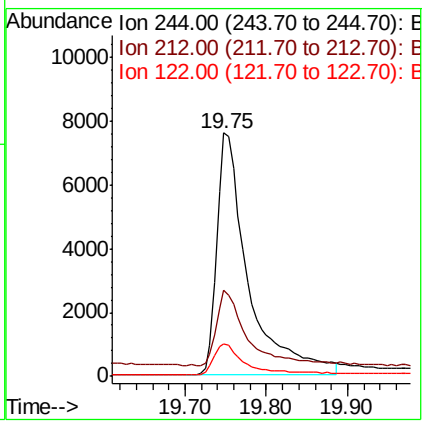


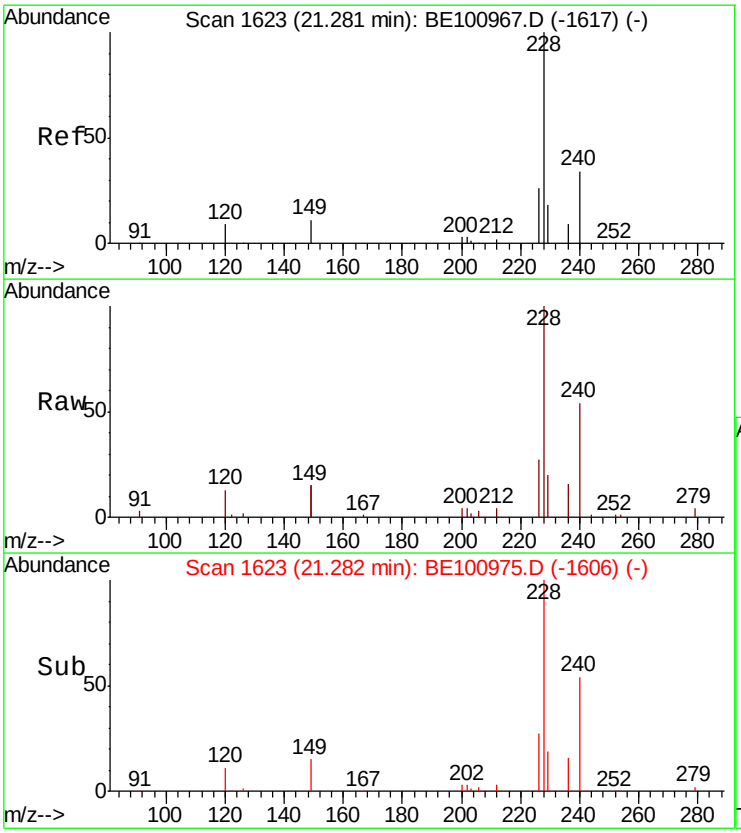
#29
Terphenyl-d14
Concen: 0.439 ng
RT: 19.75 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 20425

Ion	Ratio	Lower	Upper
244	100		
212	35.5	29.3	43.9
122	13.1	10.2	15.4

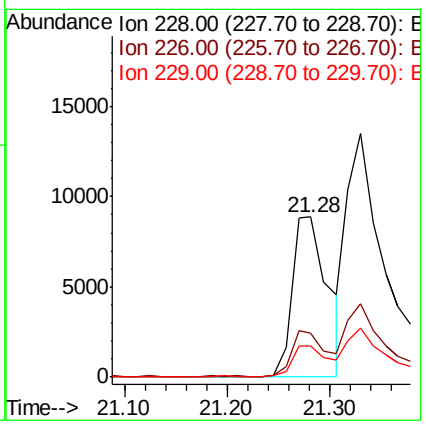


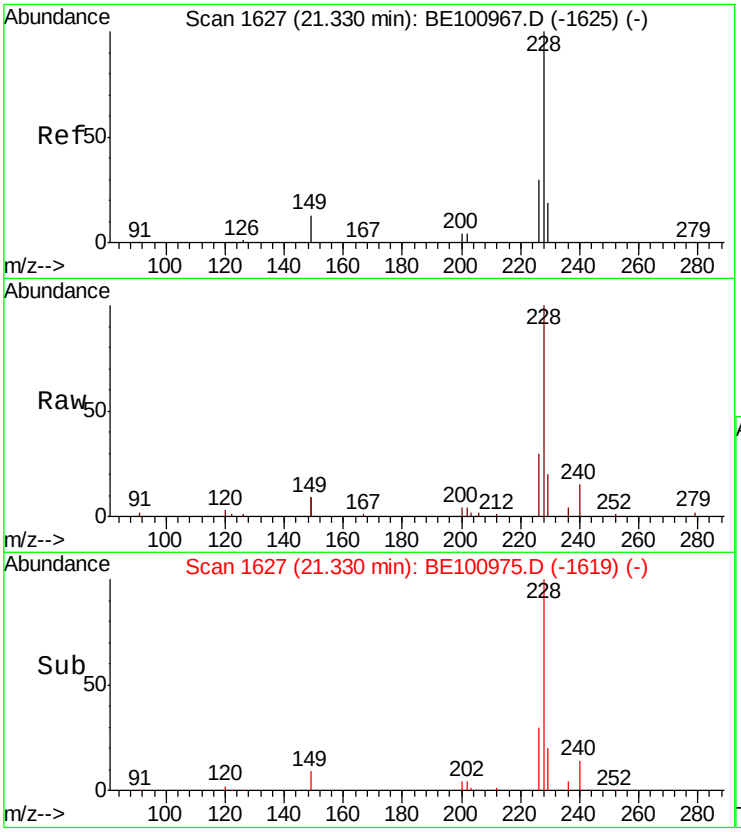


#30
Benzo(a)anthracene
Concen: 0.426 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:228 Resp: 21090

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	19.5	15.4	23.0



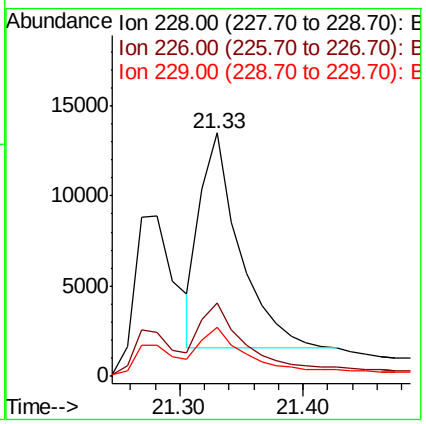


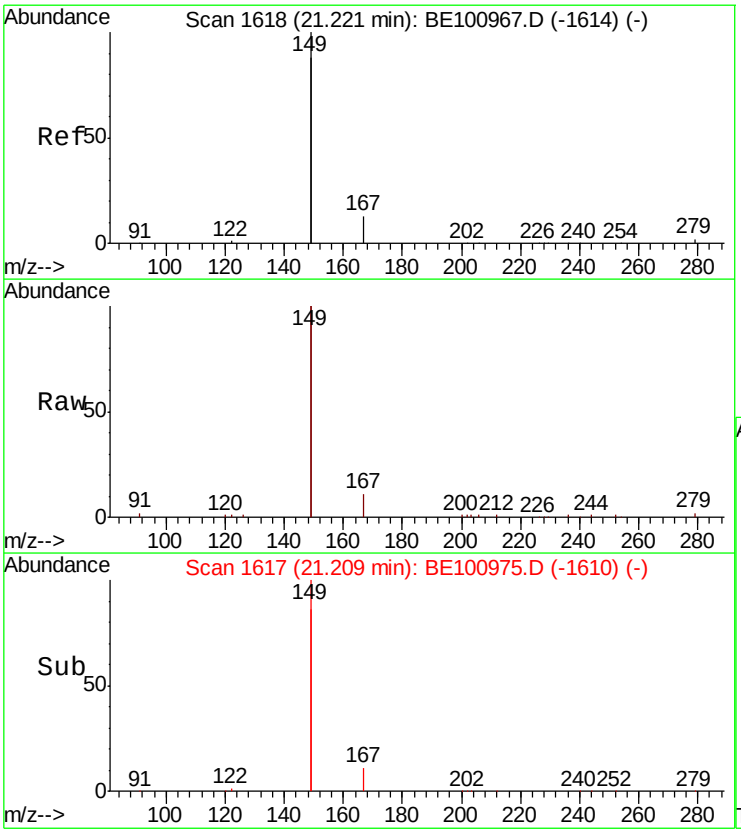
#31
Chrysene
Concen: 0.288 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 26519

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	20.2	15.7	23.5

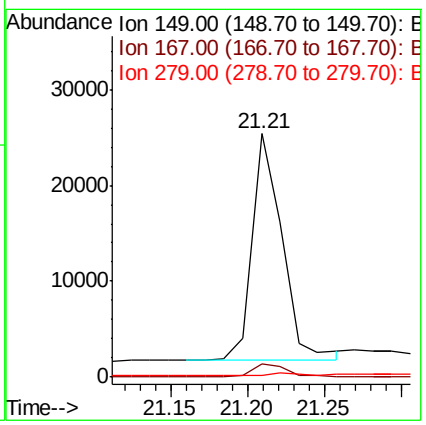


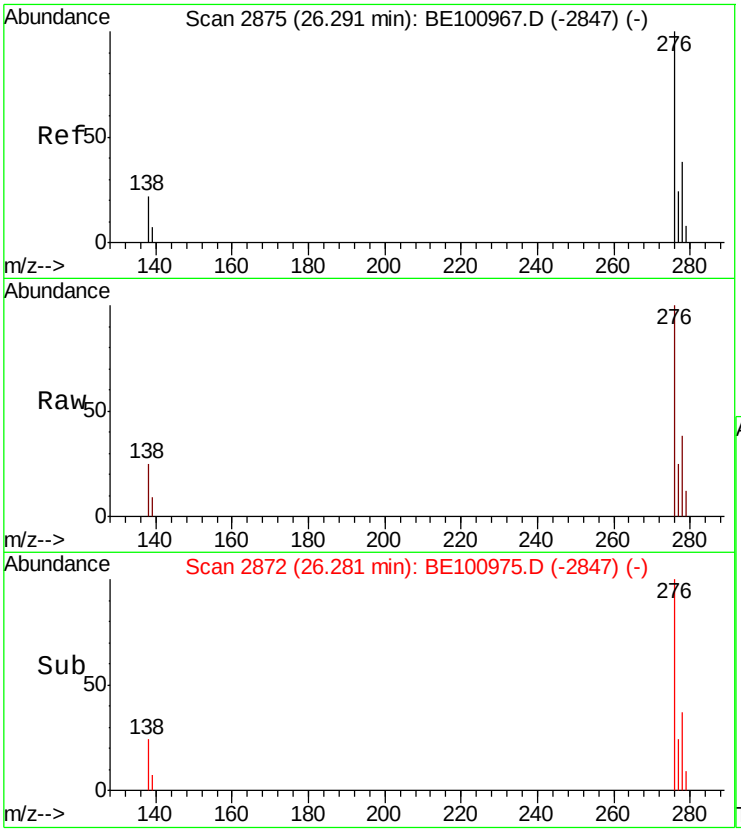


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.362 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:149 Resp: 31831

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.1	7.7
279	1.2	0.6	1.0#



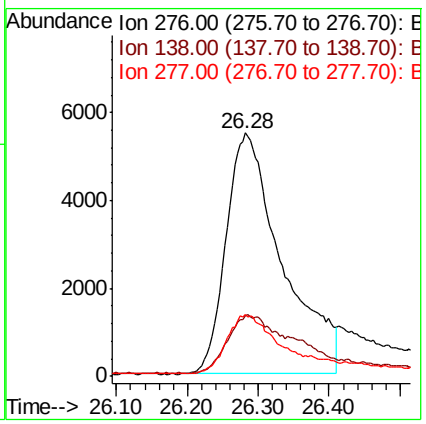


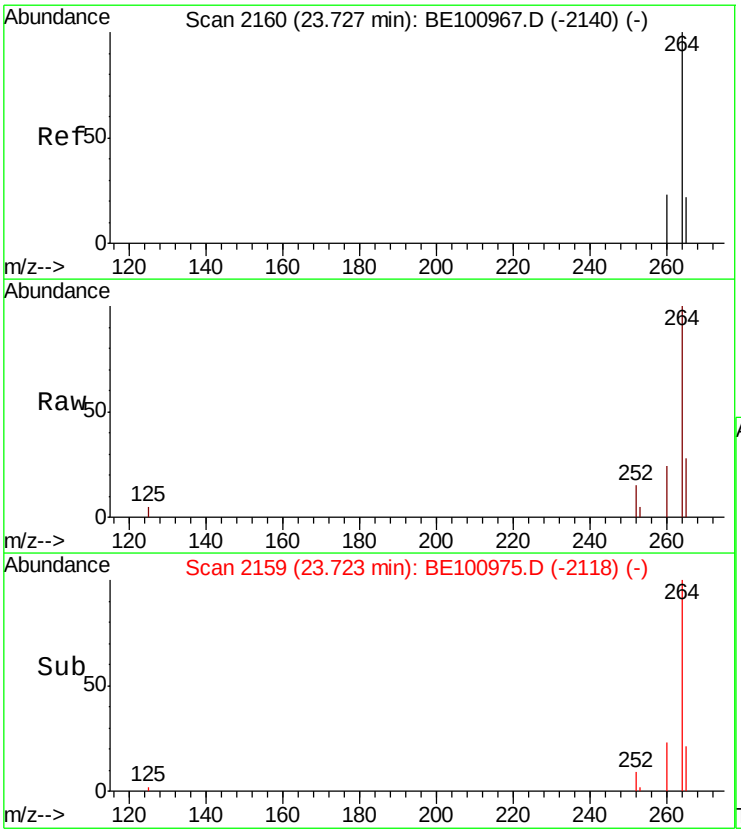
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng
RT: 26.28 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 30102

Ion	Ratio	Lower	Upper
276	100		
138	28.8	14.8	22.2#
277	22.3	18.0	27.0

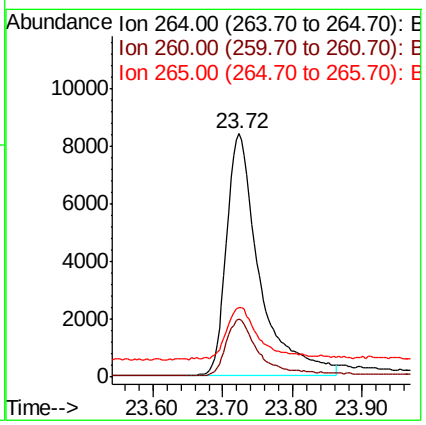


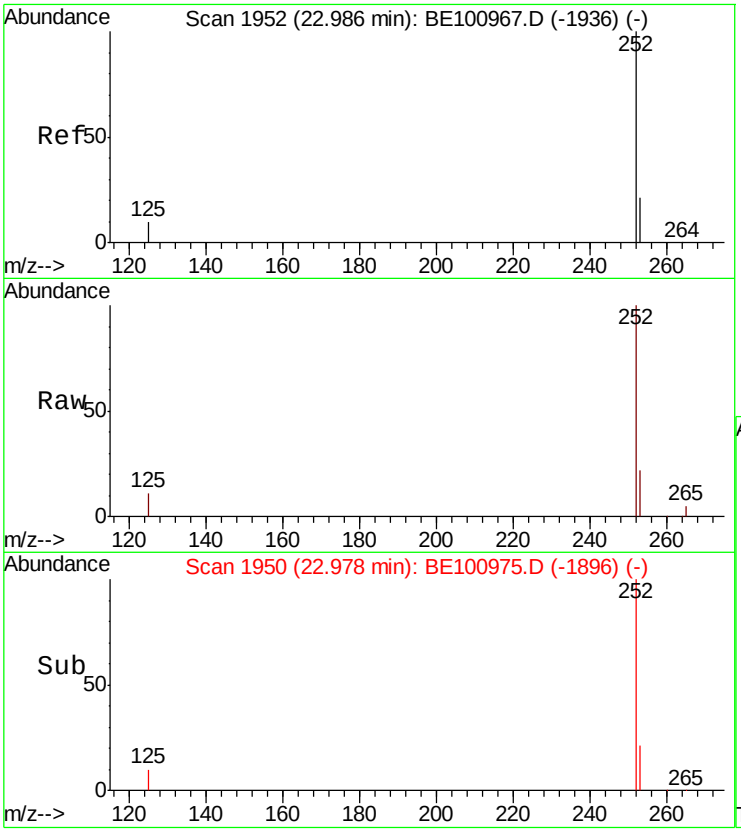


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:264 Resp: 27285

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	28.3	26.6	40.0



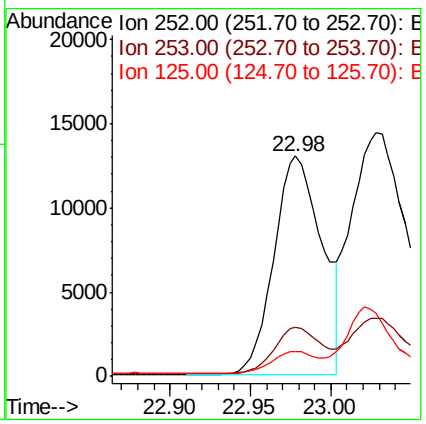


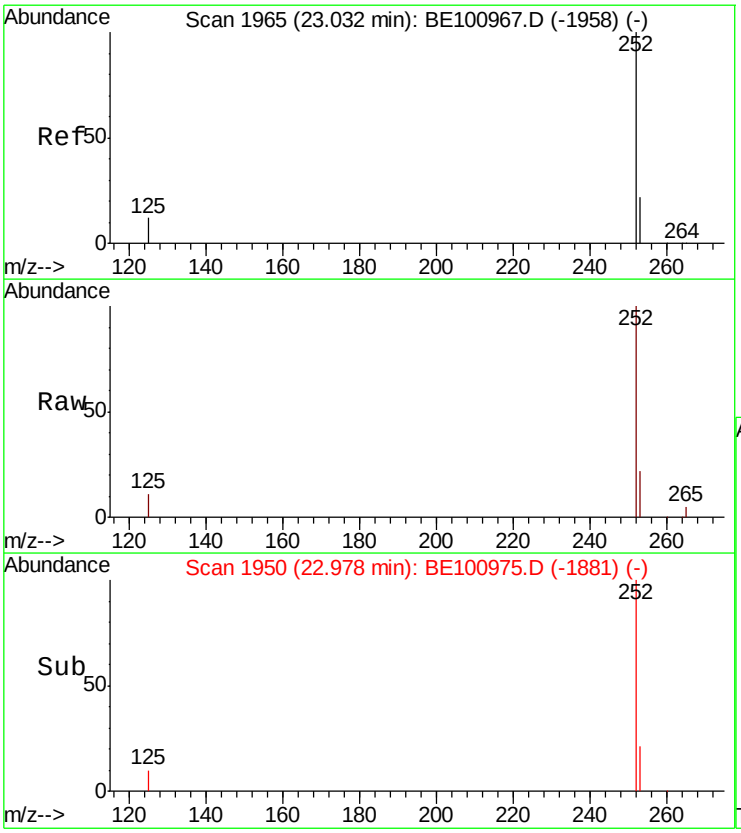
#35
Benzo(b)fluoranthene
Concen: 0.470 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 26988

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.5	9.7	14.5

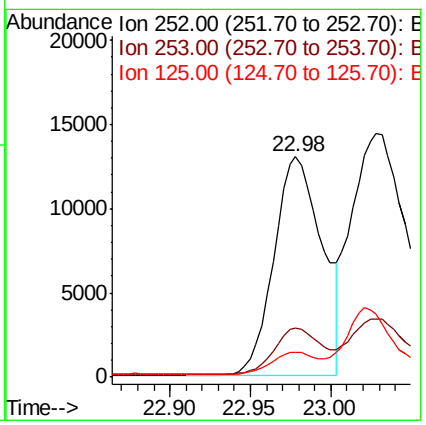


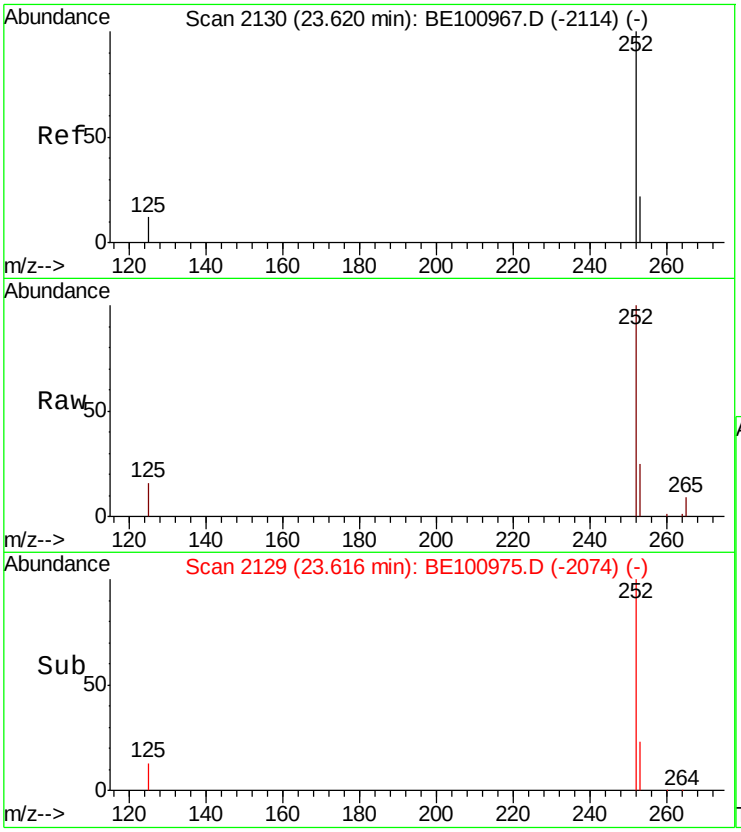


#36
Benzo(k)fluoranthene
Concen: 0.248 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:252 Resp: 26988

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	11.5	11.2	16.8



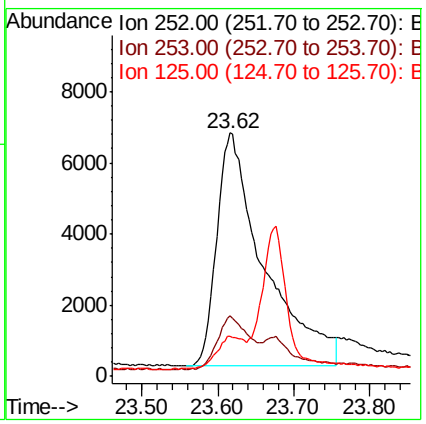


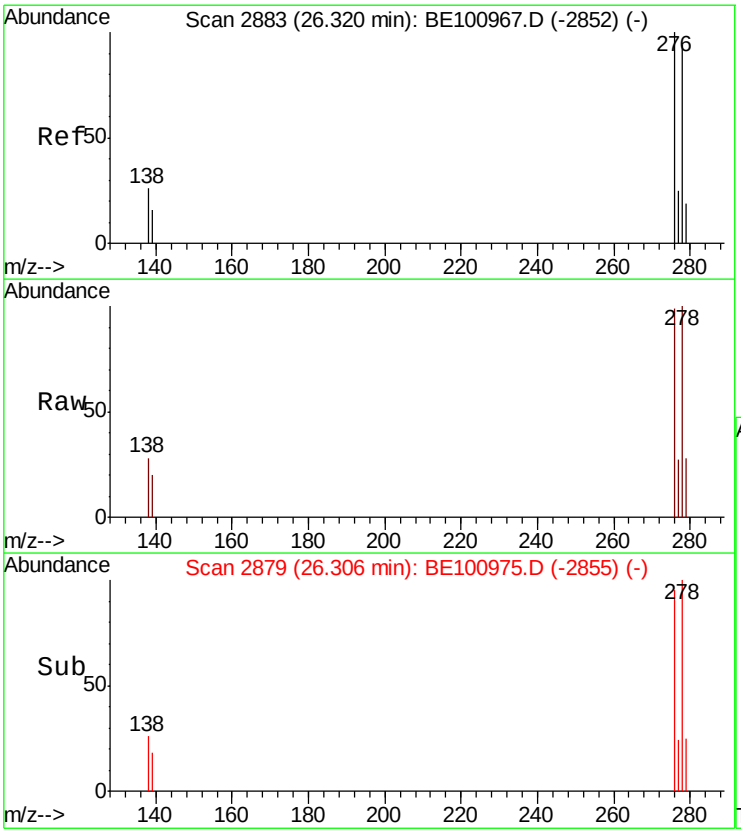
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.62 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28226

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.1	30.1
125	16.3	12.6	18.8

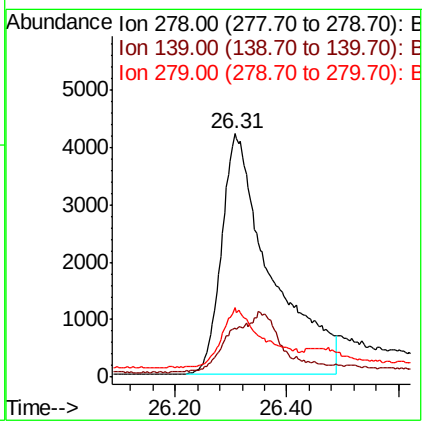


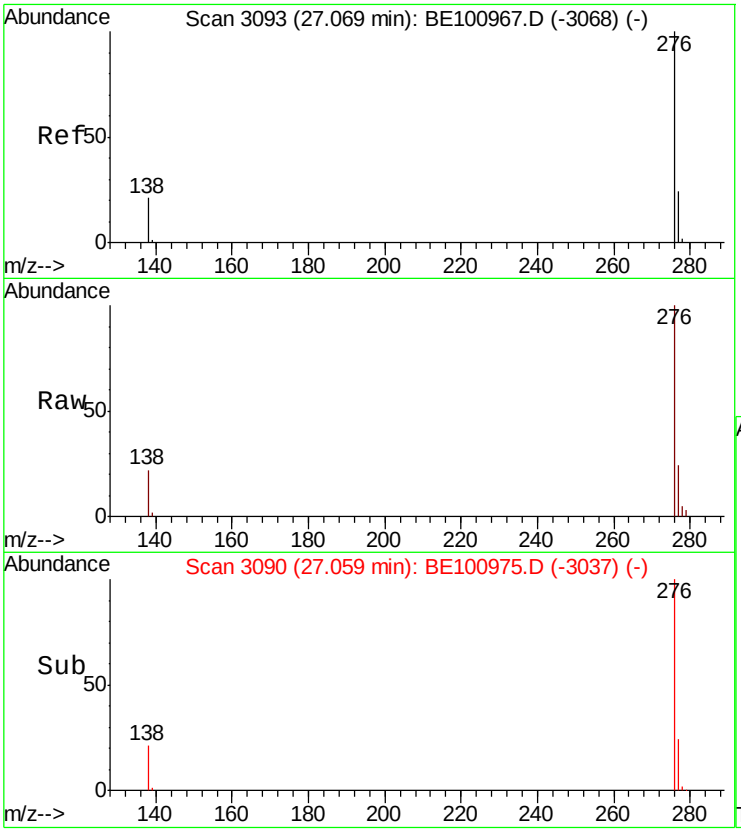


#38
Dibenzo(a,h)anthracene
Concen: 0.419 ng
RT: 26.31 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Tgt Ion:278 Resp: 25450

Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.4	24.6
279	28.4	19.3	28.9





#39
Benzo(g,h,i)perylene
Concen: 0.415 ng
RT: 27.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BE100975.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 29734

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.0	30.0
138	22.0	18.6	27.8