Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100967.D
Acq On : 24 Dec 2019 10:26
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 24 11:27:50 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 11:19:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2225	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	11167	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	7016	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	16256	0.40	ng		0.00
27) Chrysene-d12	21.29	240	15320	0.40	ng		0.00
34) Perylene-d12	23.73	264	18824	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	1148	0.29	ng		0.00
5) Phenol-d6	6.99	99	1359	0.28	ng		0.00
8) Nitrobenzene-d5	8.91	82	1886	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	6750	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	494	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	10147	0.41	ng		0.00
25) Fluoranthene-d10	19.14	212	73487	0.36	ng		0.00
29) Terphenyl-d14	19.76	244	13861	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	2786	0.329	ng		100
3) n-Nitrosodimethylamine	3.67	42	457	0.188	ng	#	100
6) bis(2-Chloroethyl)ether	7.19	93	1898	0.334	ng		91
9) Naphthalene	10.58	128	47821	0.396	ng		100
10) Hexachlorobutadiene	10.86	225	2151	0.417	ng		100
12) 2-Methylnaphthalene	12.19	142	6353	0.374	ng		100
16) Acenaphthylene	14.10	152	9744	0.337	ng		100
17) Acenaphthene	14.44	154	7695	0.391	ng		100
18) Fluorene	15.42	166	9209	0.370	ng		100
20) 4-Bromophenyl-phenylether	16.32	248	2516	0.348	ng		100
21) Hexachlorobenzene	16.43	284	3251	0.394	ng		100
22) Pentachlorophenol	16.83	266	183	0.150	ng		100
23) Phenanthrene	17.16	178	14952	0.353	ng		100
24) Anthracene	17.26	178	9177	0.322	ng		100
26) Fluoranthene	19.18	202	20645	0.351	ng		100
28) Pyrene	19.53	202	21851	0.399	ng		100
30) Benzo(a)anthracene	21.28	228	13051	0.325	ng		100
31) Chrysene	21.33	228	19366	0.383	ng		100
32) Bis(2-ethylhexyl)phthalate	21.22	149	26075	0.206	ng		100
33) Indeno(1,2,3-cd)pyrene	26.29	276	20085	0.379	ng		100
35) Benzo(b)fluoranthene	22.99	252	15518	0.372	ng		100
36) Benzo(k)fluoranthene	23.03	252	26654	0.478	ng		100
37) Benzo(a)pyrene	23.62	252	18078	0.380	ng		100
38) Dibenzo(a,h)anthracene	26.32	278	13852	0.346	ng		100
39) Benzo(g,h,i)perylene	27.07	276	19707	0.398	ng		100

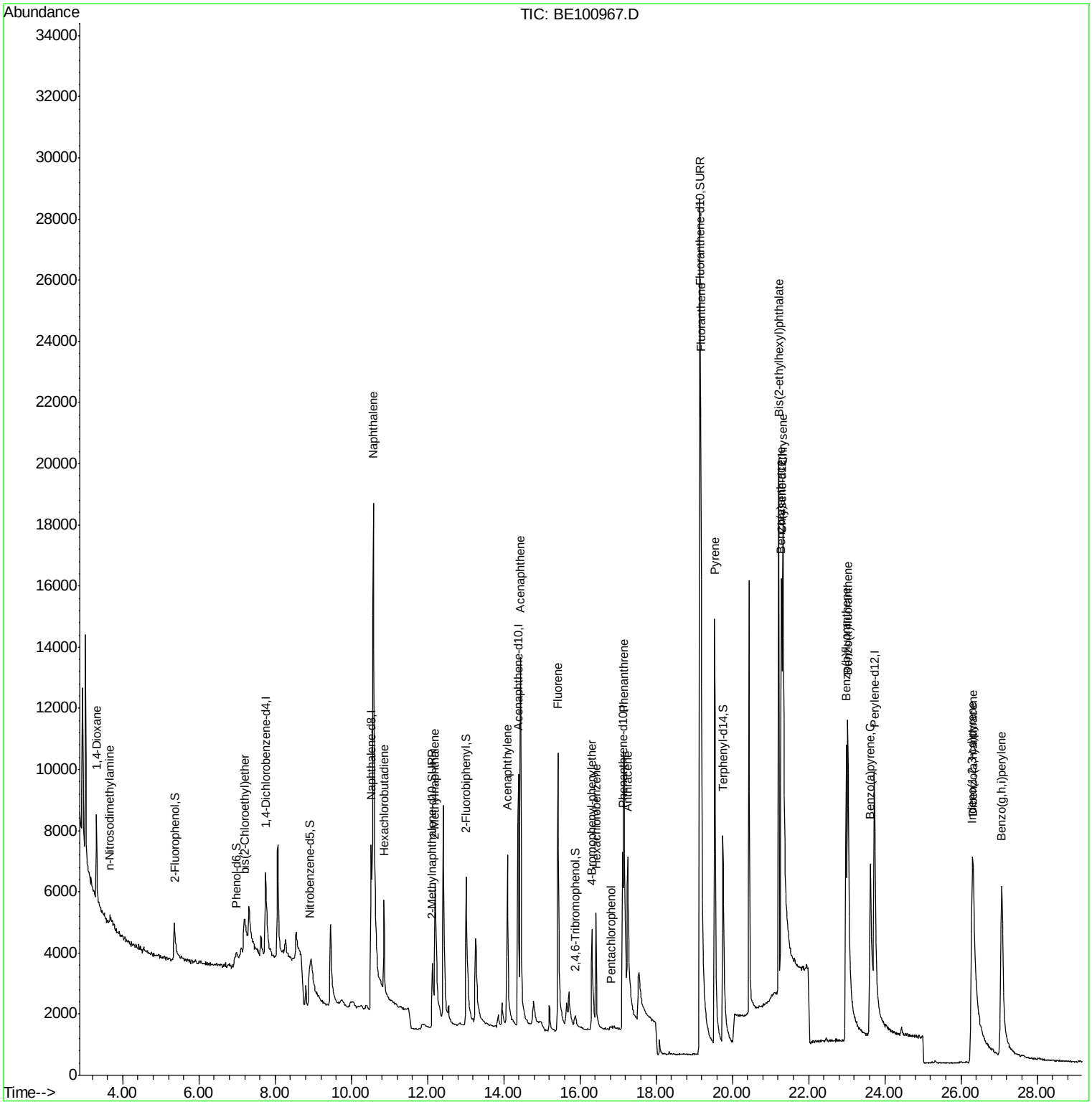
(#) = qualifier out of range (m) = manual integration (+) = signals summed

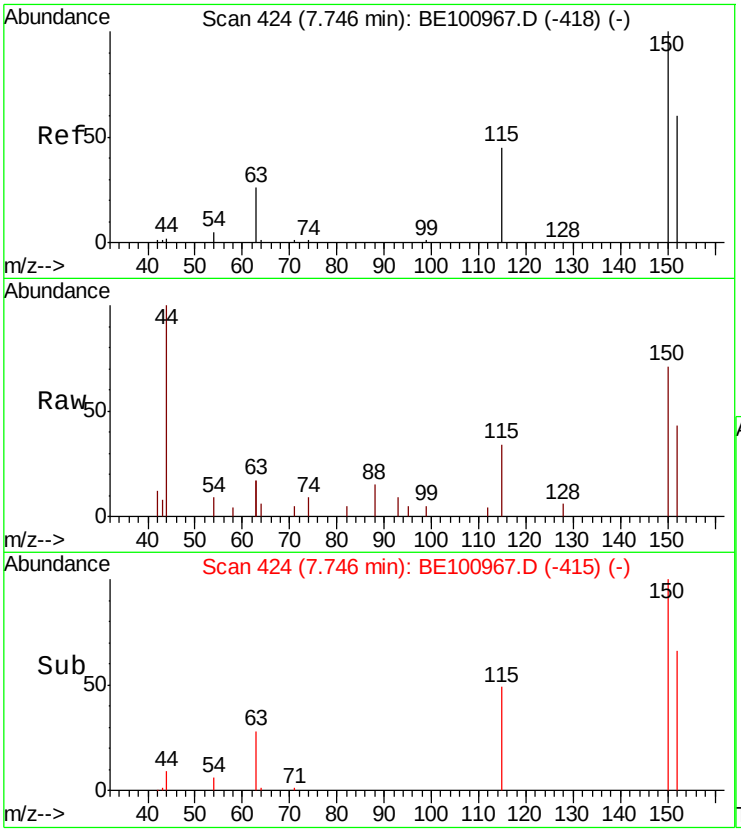
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100967.D
Acq On : 24 Dec 2019 10:26
Operator : JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 24 11:27:50 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 11:19:44 2019
Response via : Initial Calibration



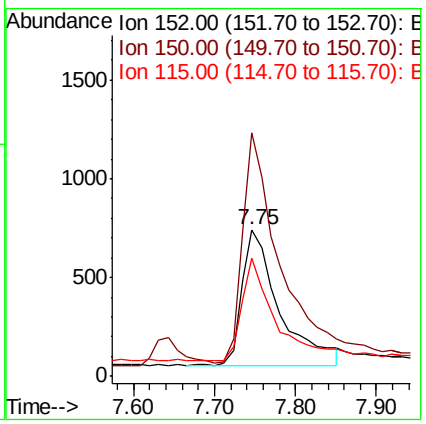


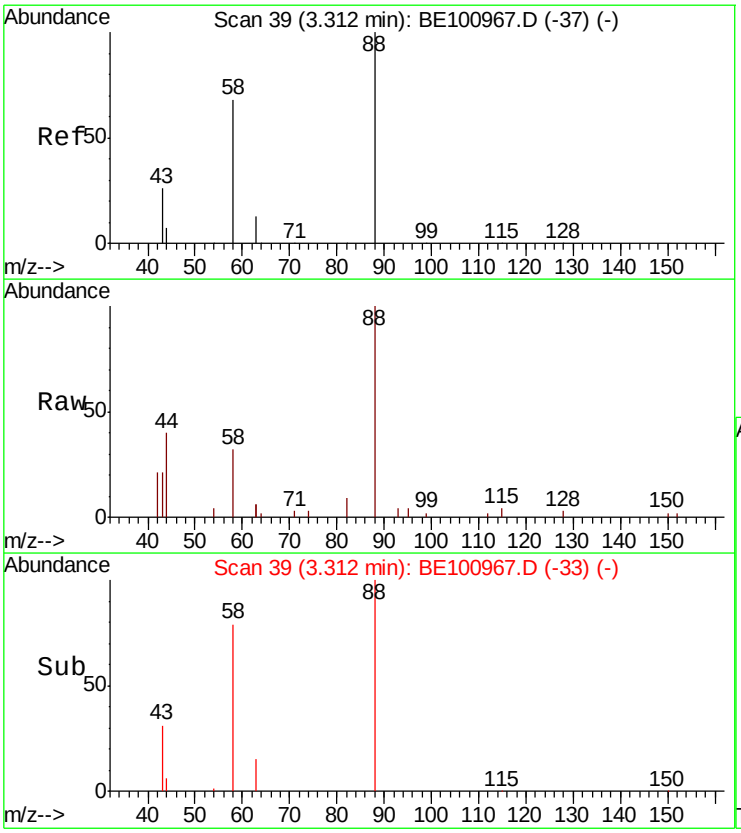
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2225

Ion	Ratio	Lower	Upper
152	100		
150	165.8	132.6	199.0
115	80.1	64.1	96.1

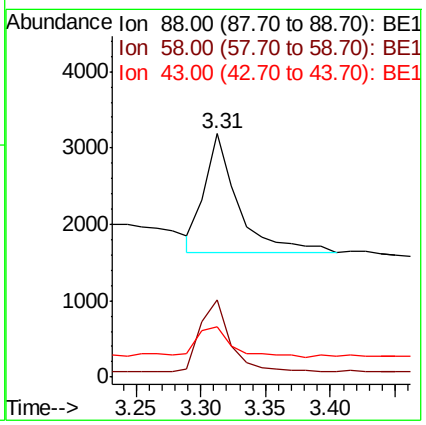


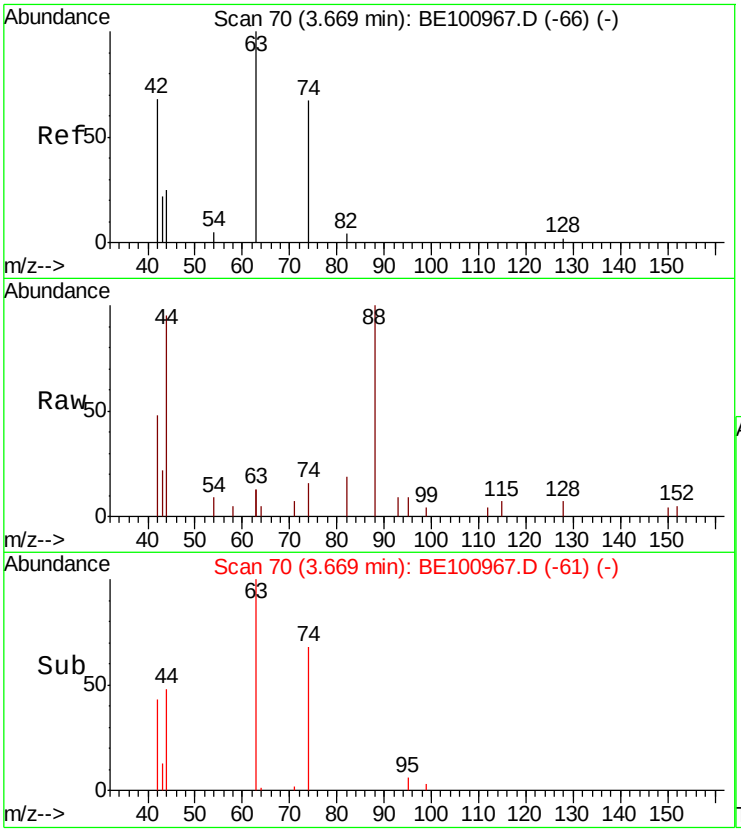


#2
1,4-Dioxane
Concen: 0.329 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion: 88 Resp: 2786

Ion	Ratio	Lower	Upper
88	100		
58	55.3	44.2	66.4
43	26.3	21.0	31.6

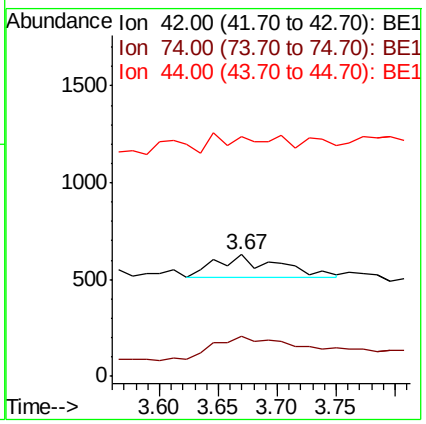




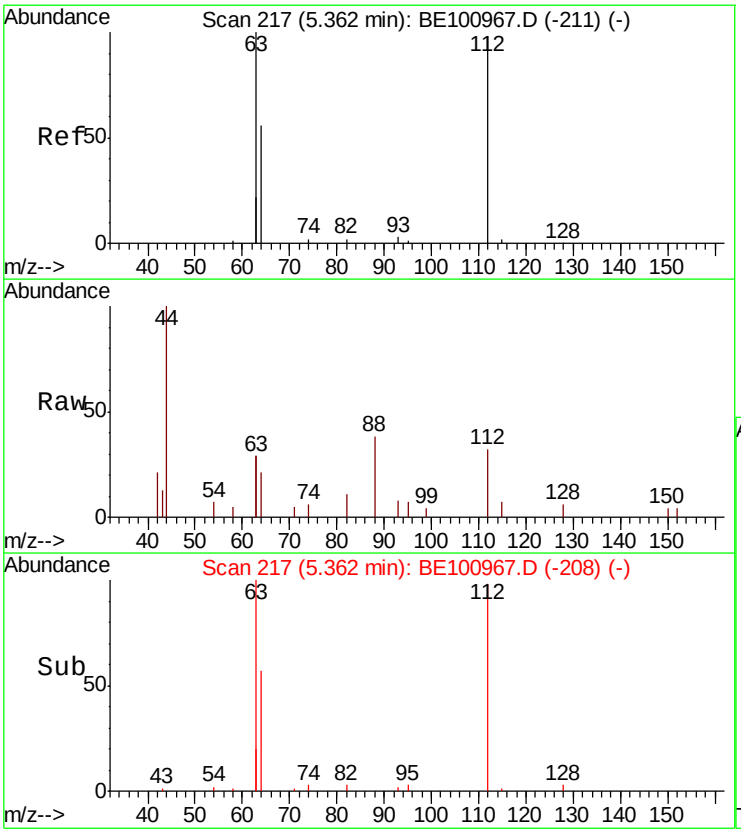
#3
n-Nitrosodimethylamine
Concen: 0.188 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion: 42 Resp: 457

Ion	Ratio	Lower	Upper
42	100		
74	145.7	116.6	174.8
44	0.0	0.0	0.0



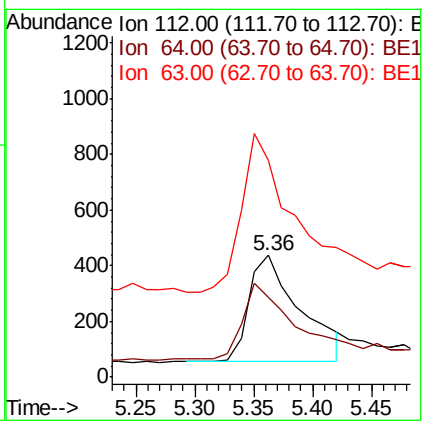
Instrument :
BNA_E
ClientSampleId :

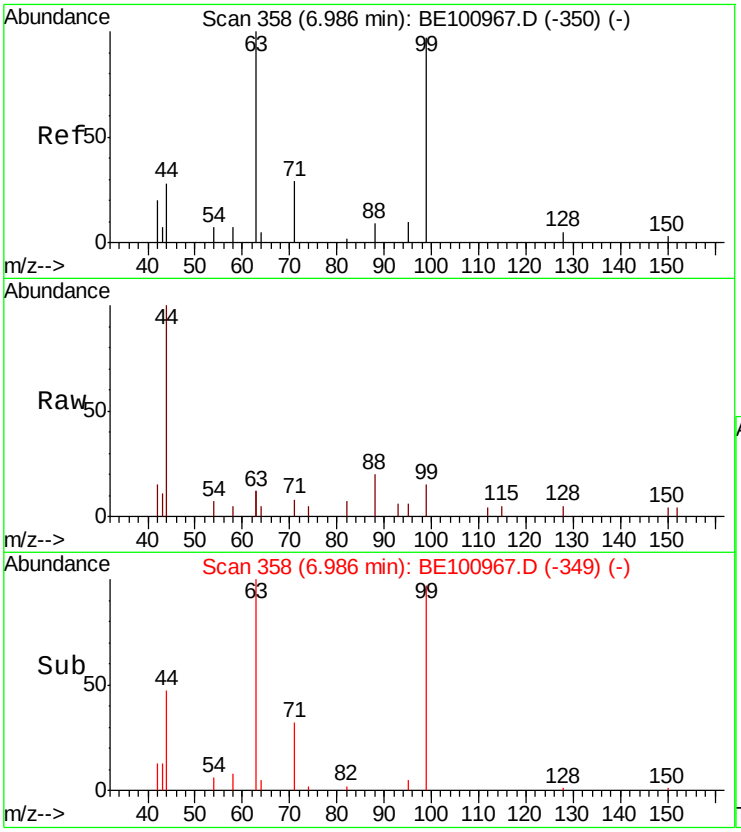


#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:112 Resp: 1148

Ion	Ratio	Lower	Upper
112	100		
64	71.6	59.0	88.6
63	151.7	121.4	182.0



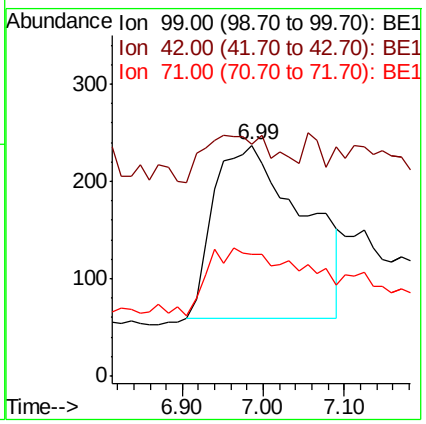


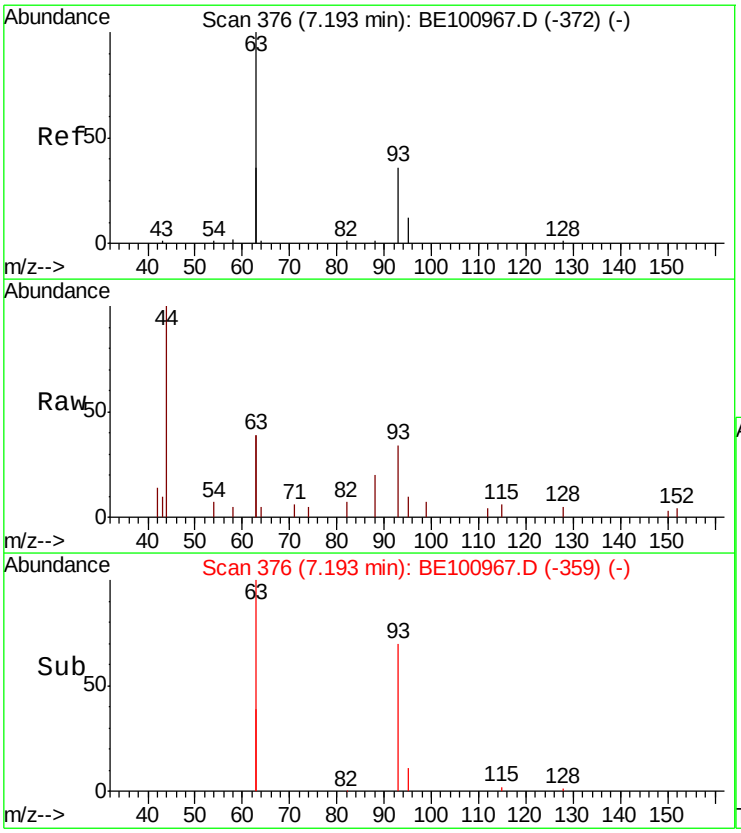
#5
Phenol-d6
Concen: 0.281 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1359

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

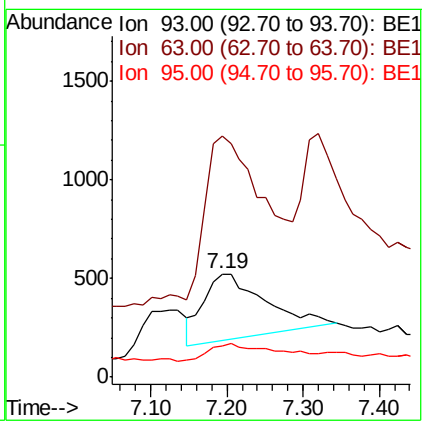


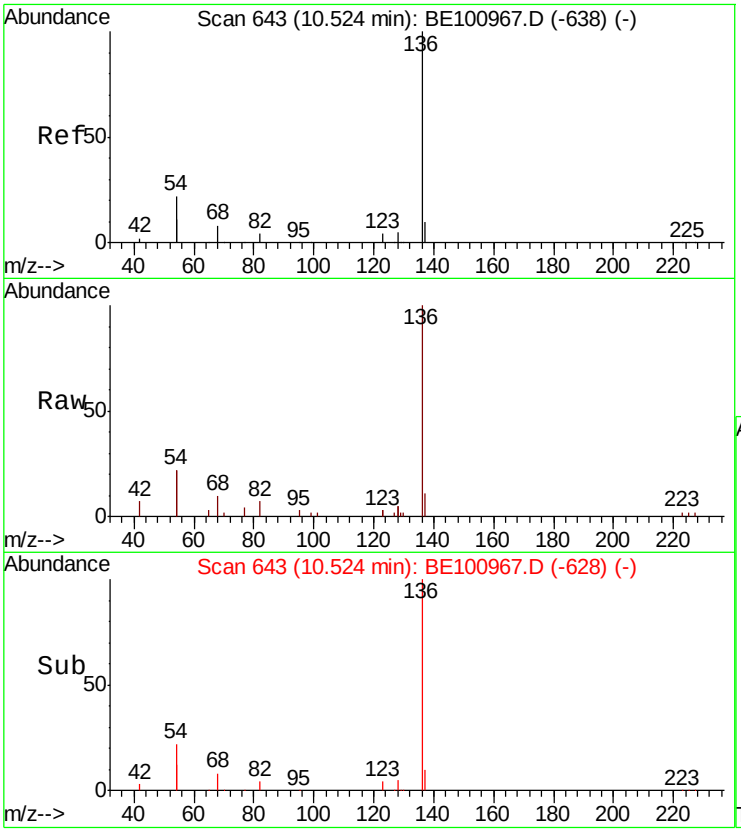


#6
bis(2-Chloroethyl)ether
Concen: 0.334 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion: 93 Resp: 1898

Ion	Ratio	Lower	Upper
93	100		
63	267.3	228.3	342.5
95	30.3	25.9	38.9



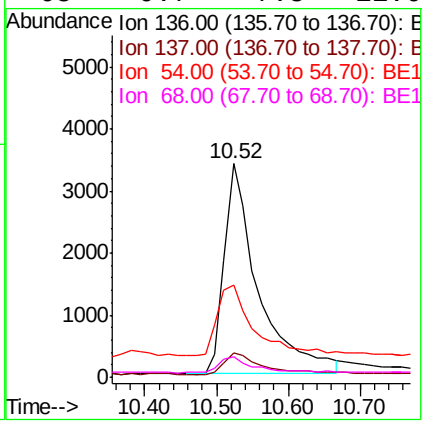


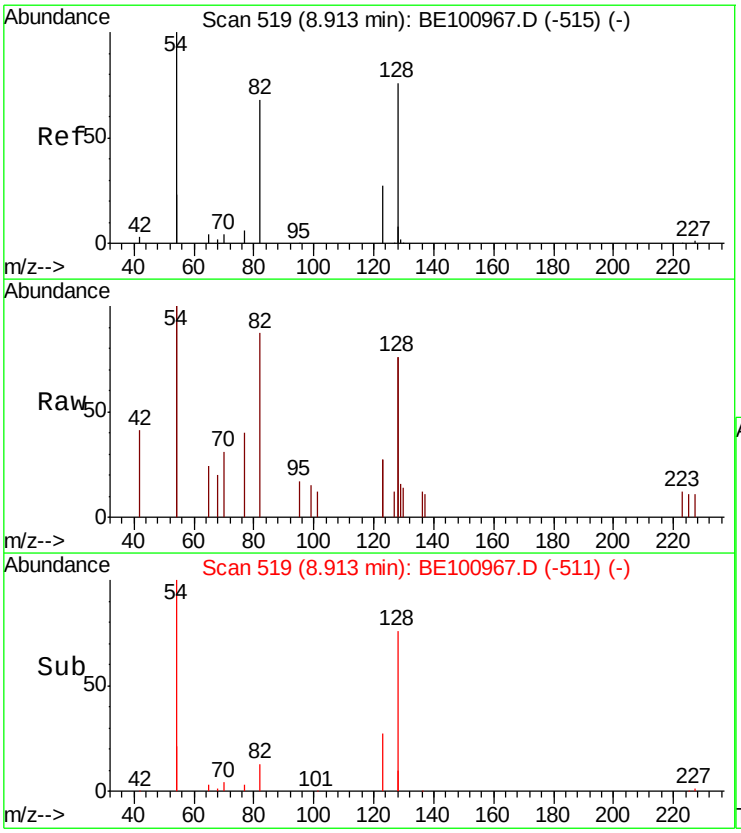
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 11167

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	43.0	34.4	51.6
68	9.7	7.8	11.6

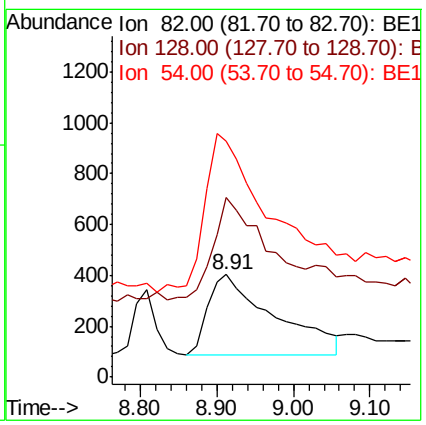


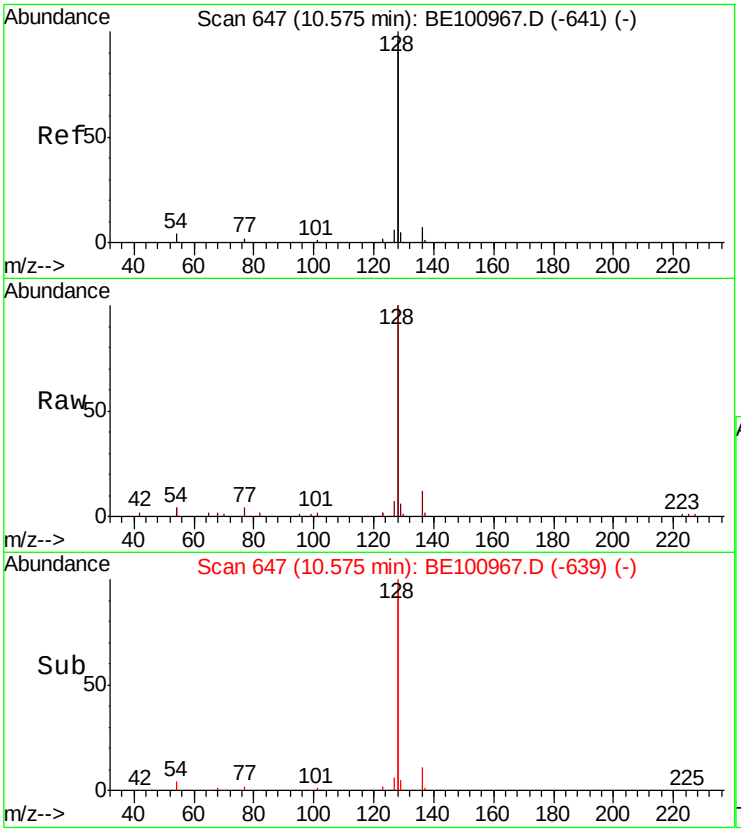


#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion: 82 Resp: 1886

Ion	Ratio	Lower	Upper
82	100		
128	175.2	140.2	210.2
54	229.7	183.8	275.6



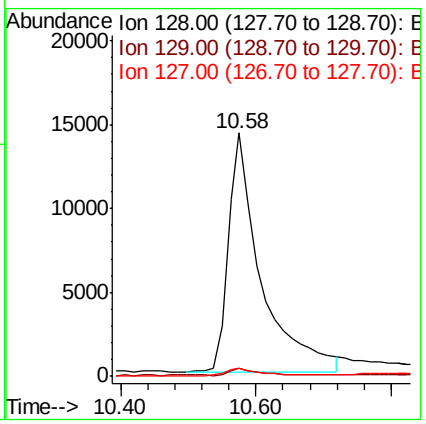


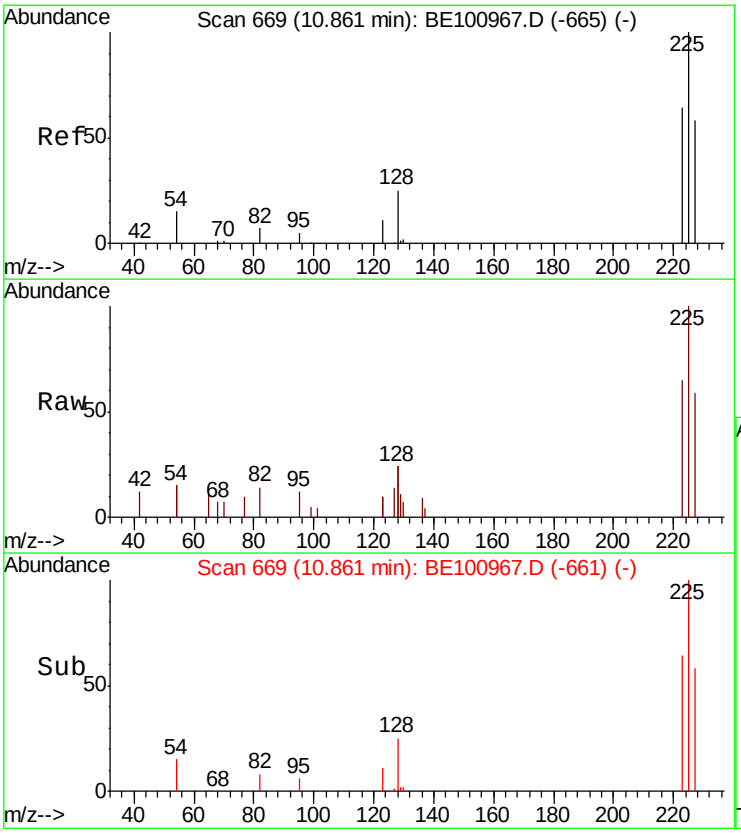
#9
Naphthalene
Concen: 0.396 ng
RT: 10.58 min Scan# 647
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 47821

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.5	2.8	4.2

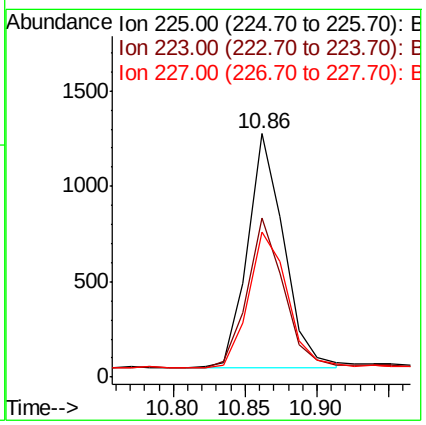


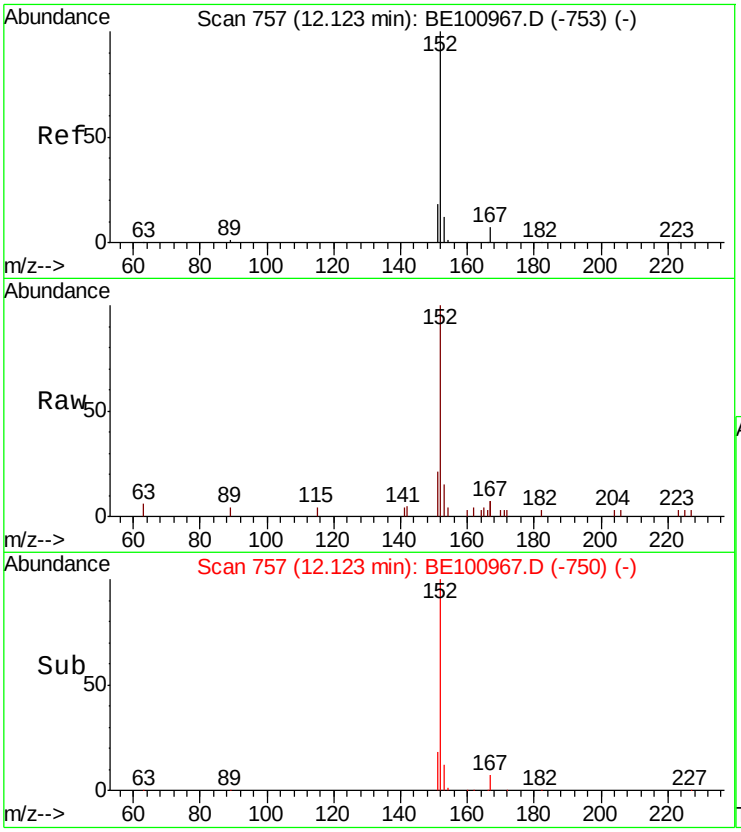


#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 10.86 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:225 Resp: 2151

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	62.7	50.2	75.2



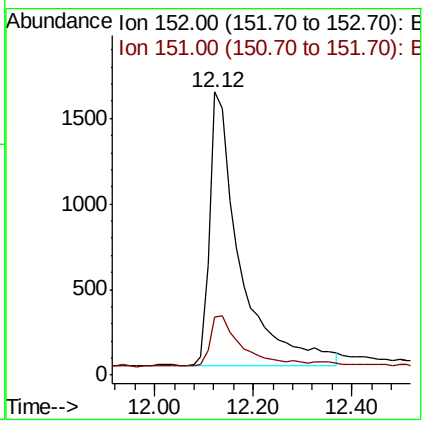


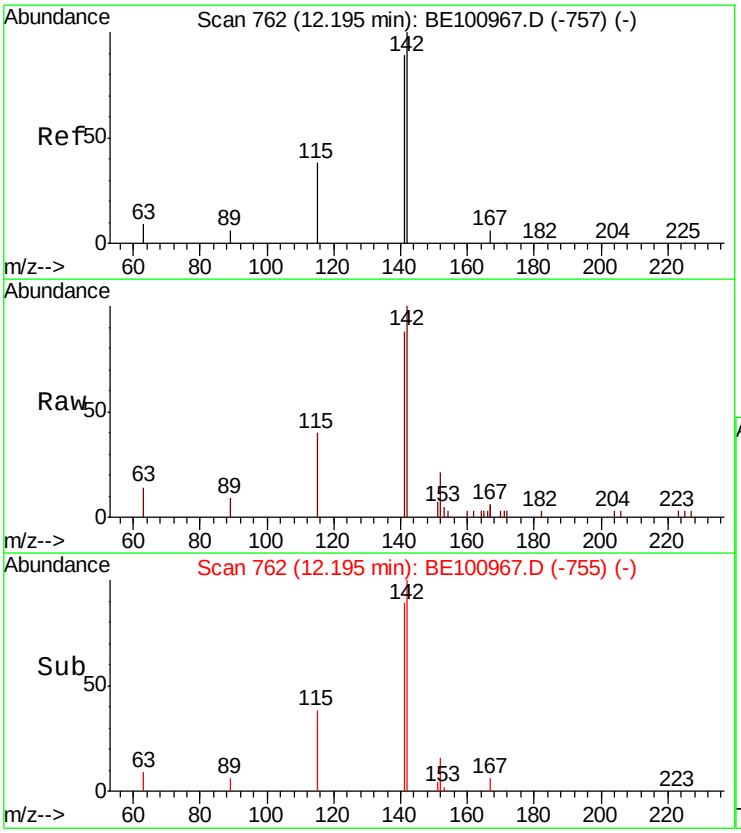
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6750

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

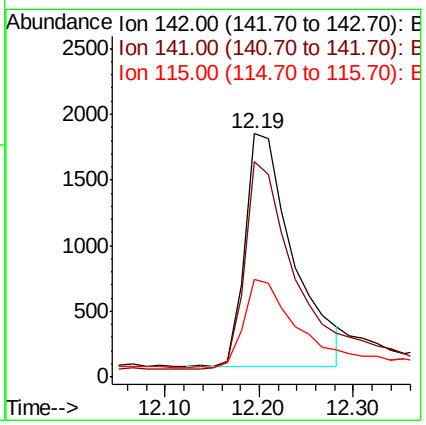


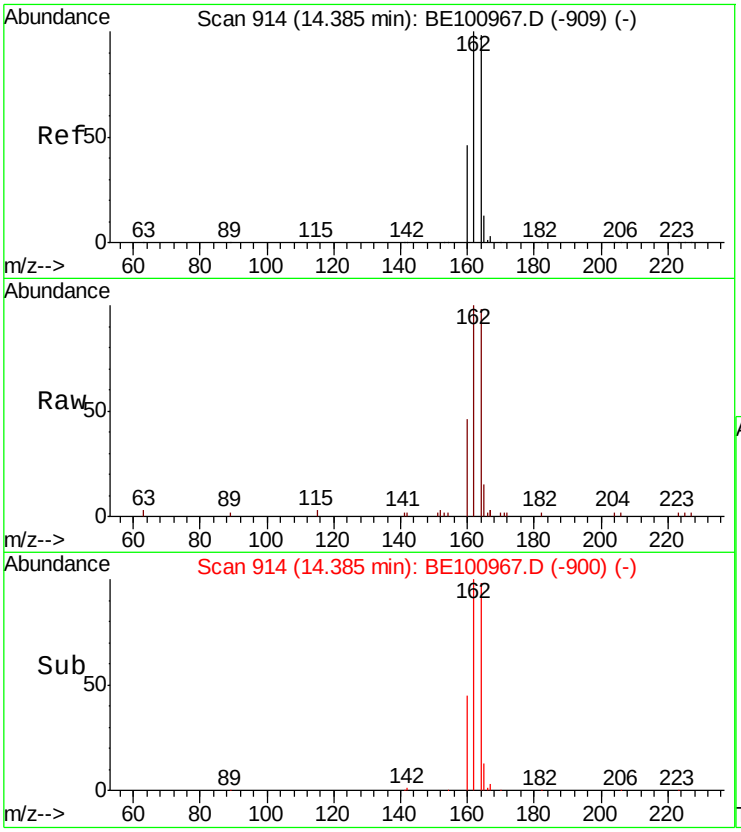


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:142 Resp: 6353

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	40.0	32.0	48.0



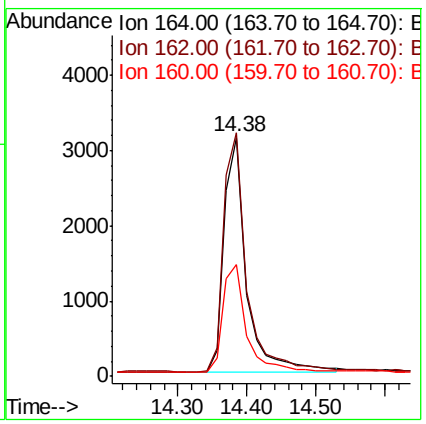


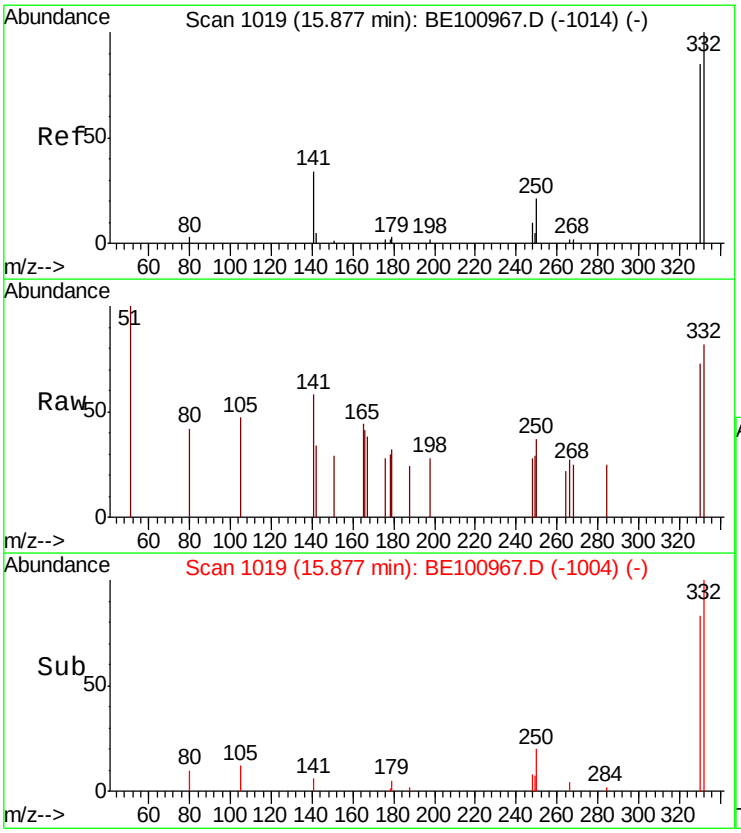
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7016

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	47.1	37.7	56.5

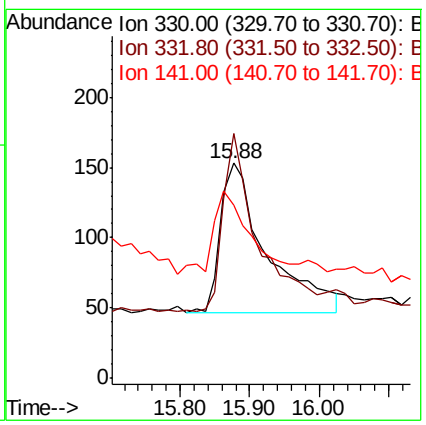


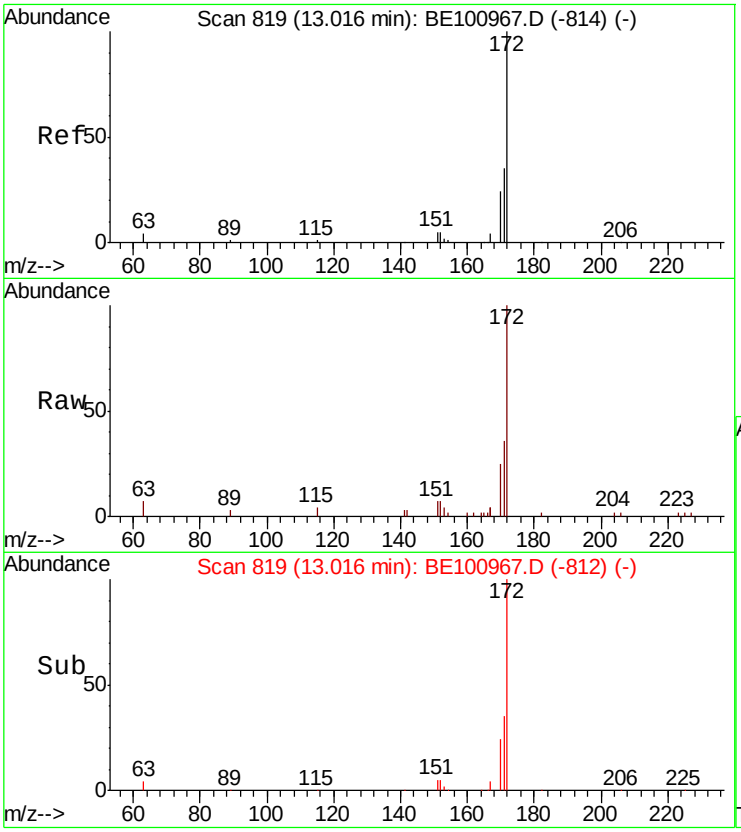


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:330 Resp: 494

Ion	Ratio	Lower	Upper
330	100		
332	90.5	72.4	108.6
141	31.8	25.4	38.2



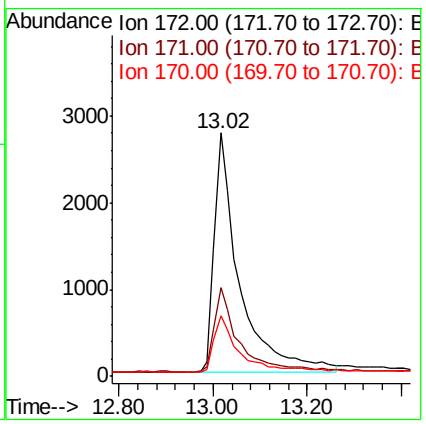


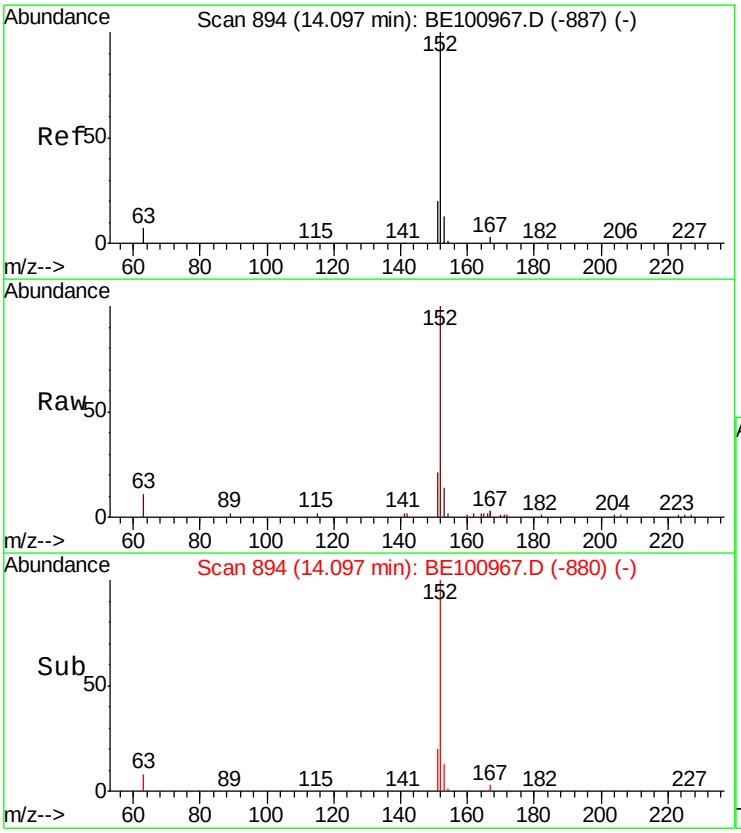
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10147

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	25.0	20.0	30.0

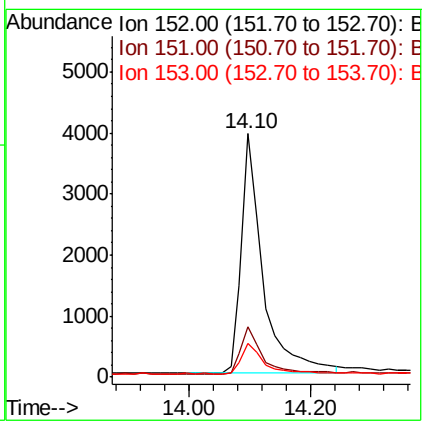


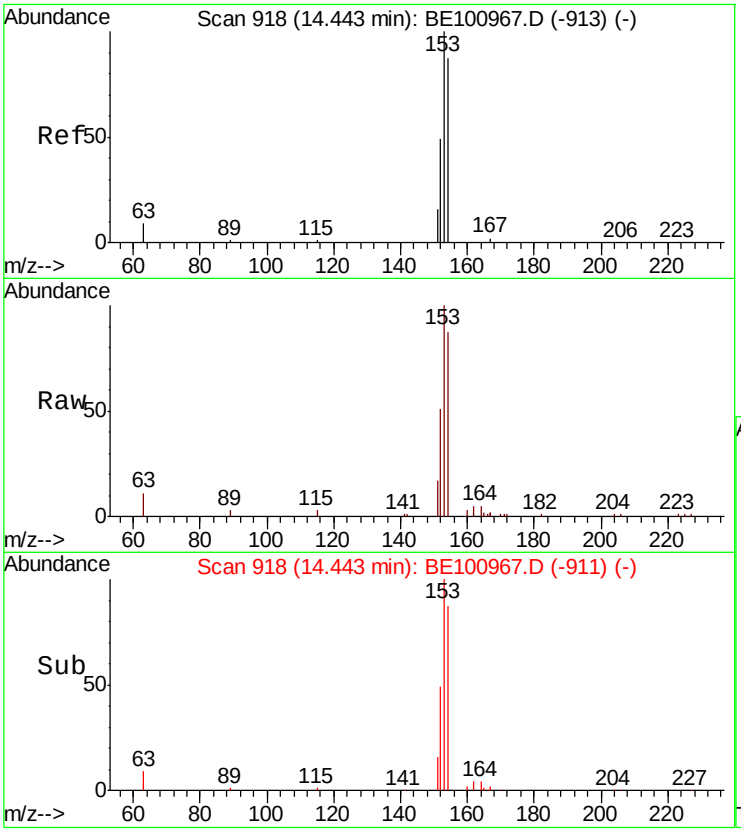


#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:152 Resp: 9744

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.5	15.7



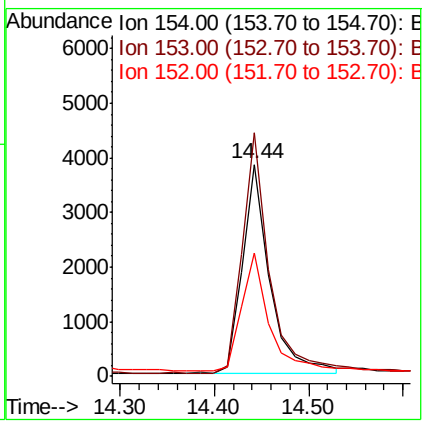


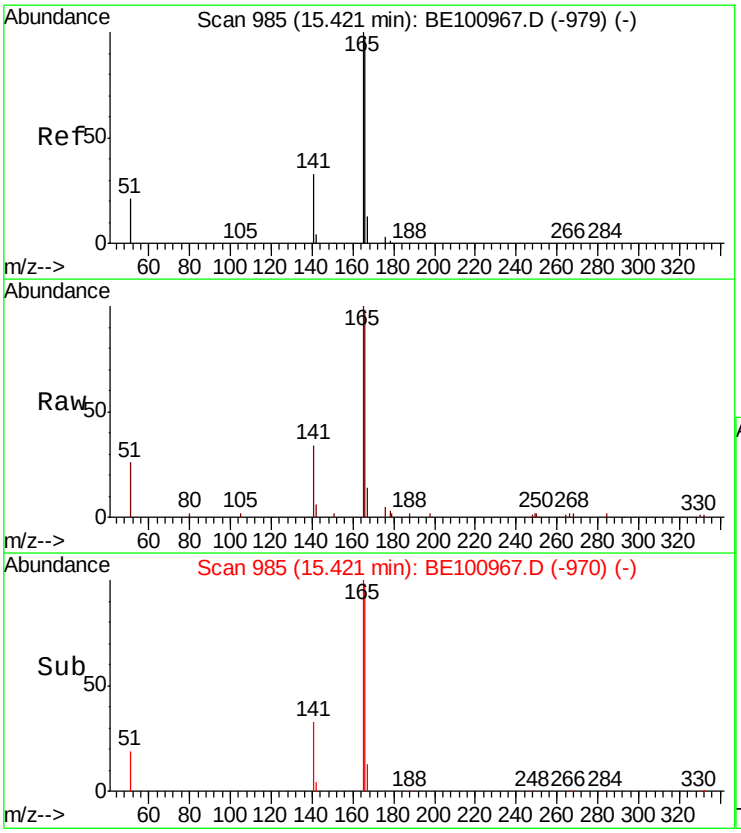
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7695

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.7	137.5
152	55.6	44.5	66.7

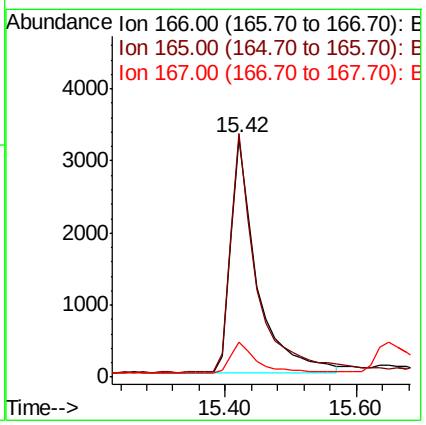


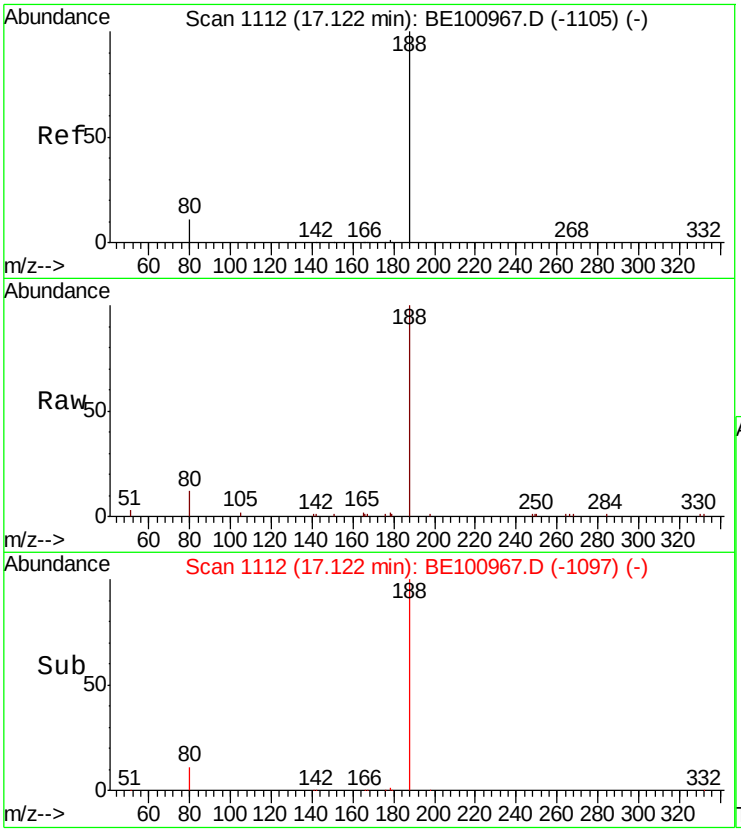


#18
Fluorene
Concen: 0.370 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:166 Resp: 9209

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.4	119.0
167	13.2	10.6	15.8



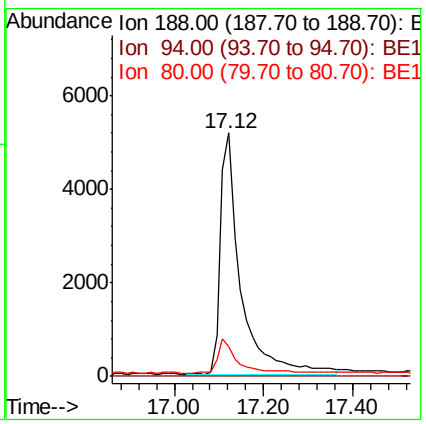


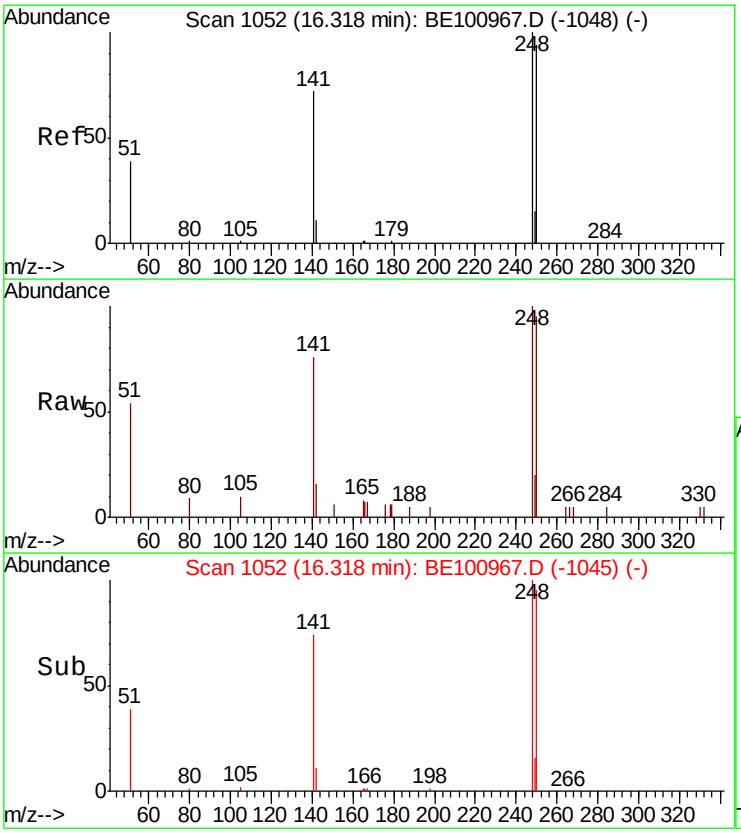
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 16256

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	9.7	14.5

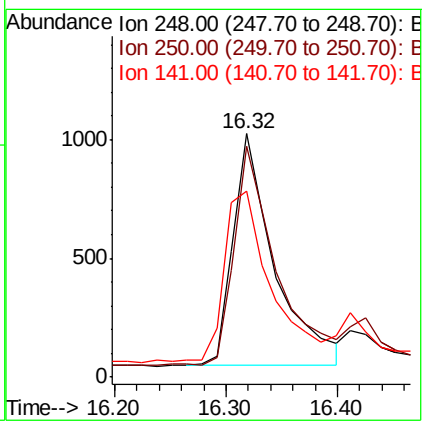


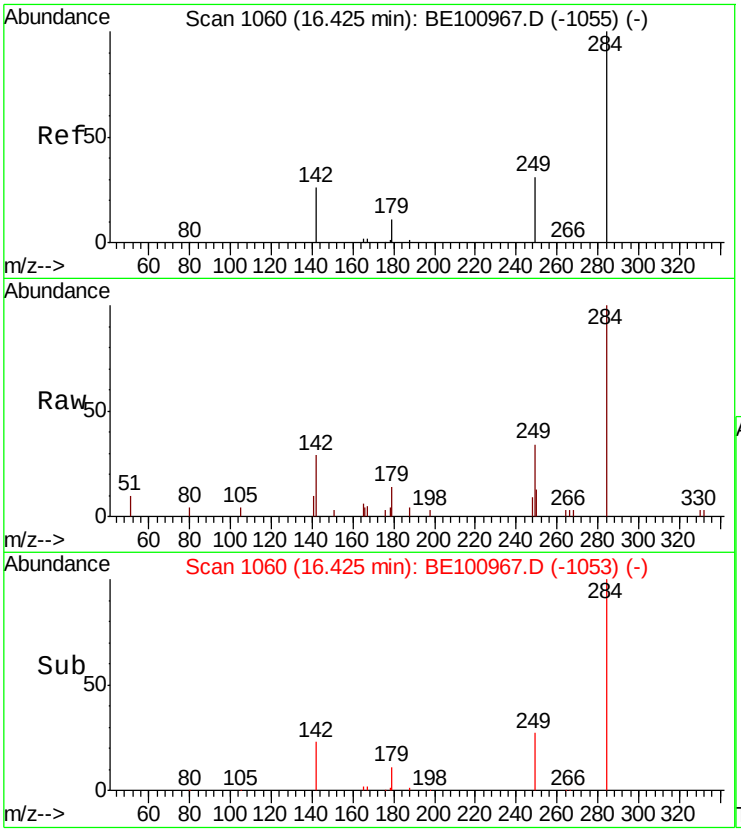


#20
4-Bromophenyl-phenylether
Concen: 0.348 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:248 Resp: 2516

Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.0	114.0
141	76.3	61.0	91.6



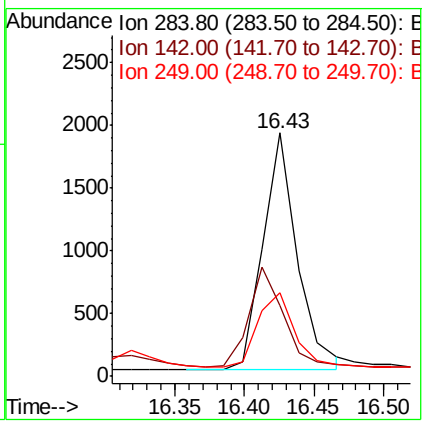


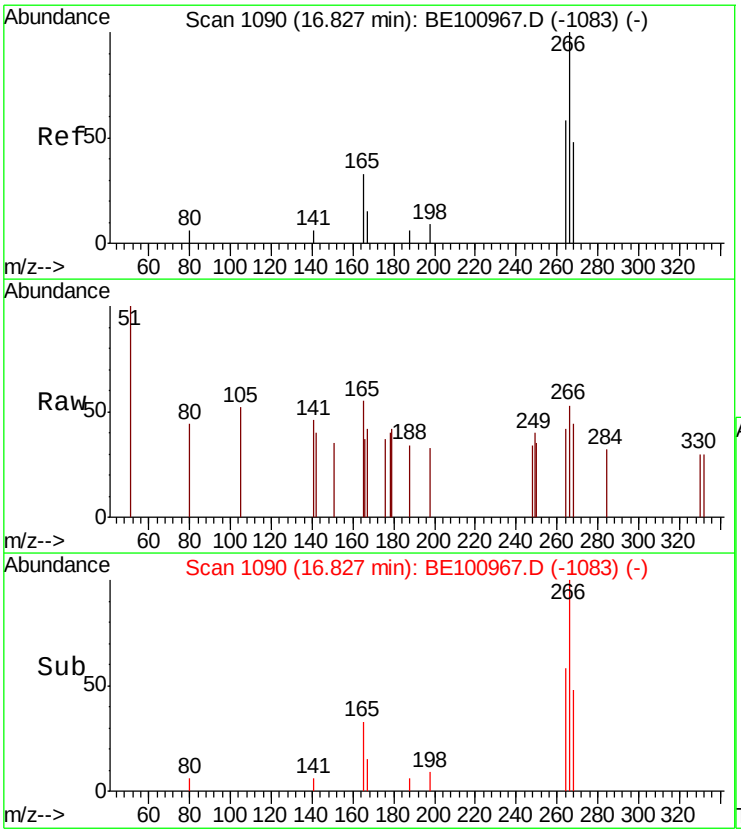
#21
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3251

Ion	Ratio	Lower	Upper
284	100		
142	41.6	33.3	49.9
249	34.0	27.2	40.8

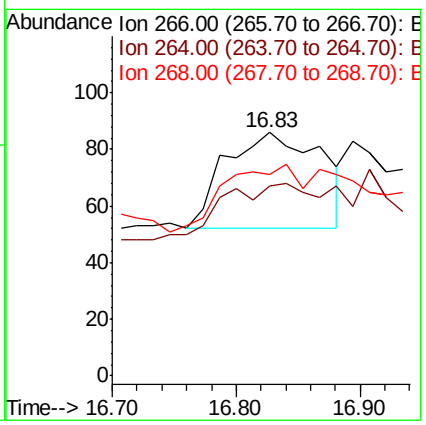


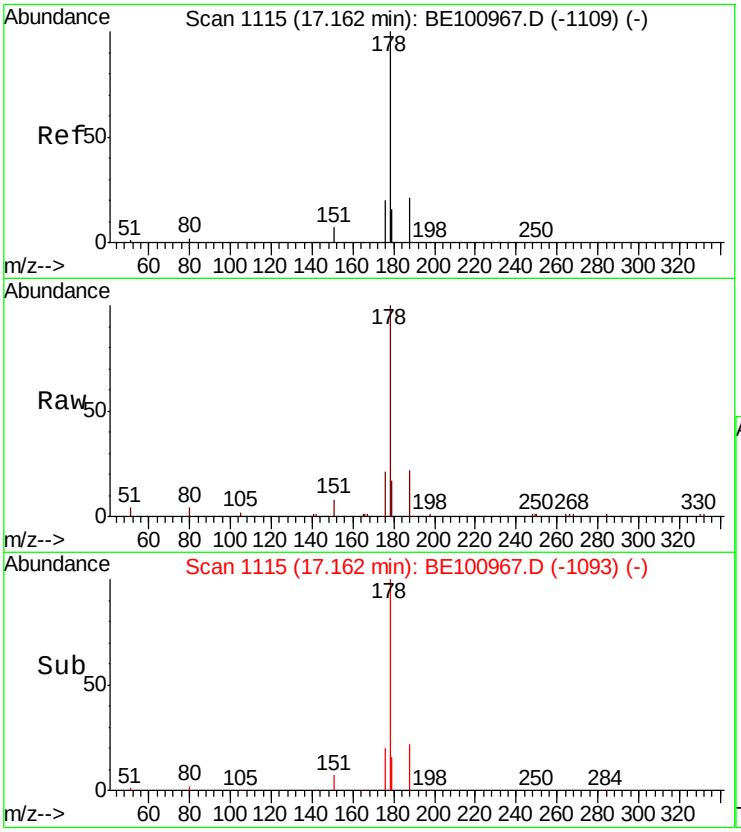


#22
Pentachlorophenol
Concen: 0.150 ng
RT: 16.83 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:266 Resp: 183

Ion	Ratio	Lower	Upper
266	100		
264	77.9	62.3	93.5
268	82.6	66.1	99.1



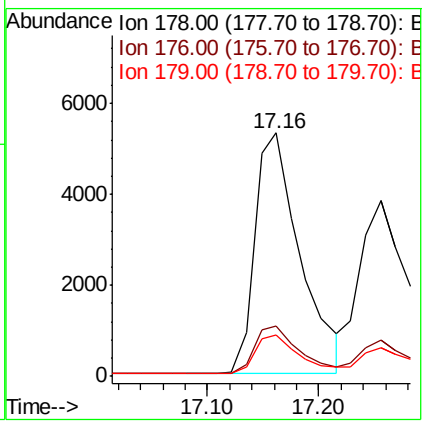


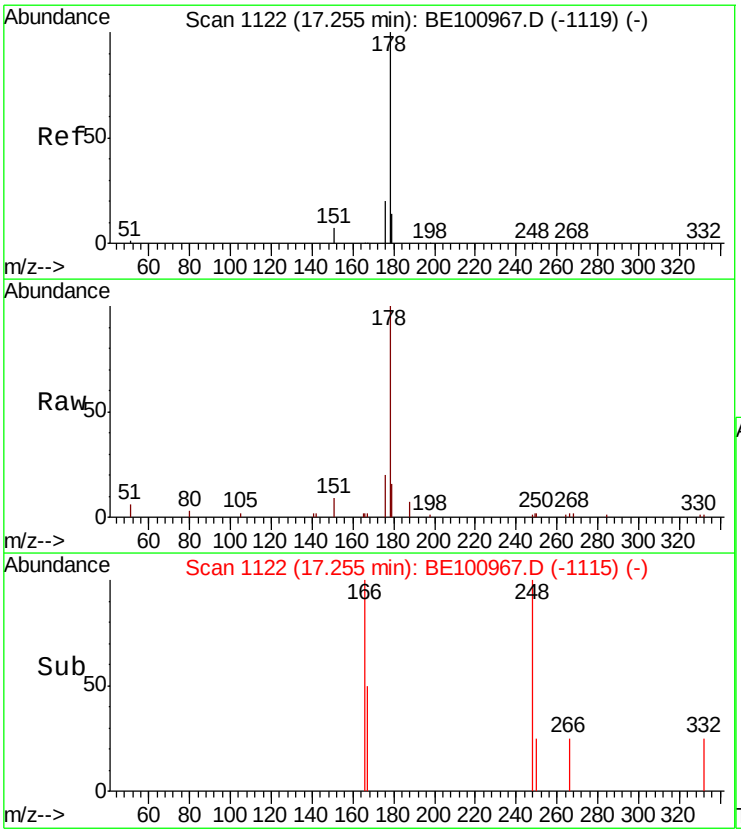
#23
Phenanthrene
Concen: 0.353 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 14952

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.7	12.6	18.8

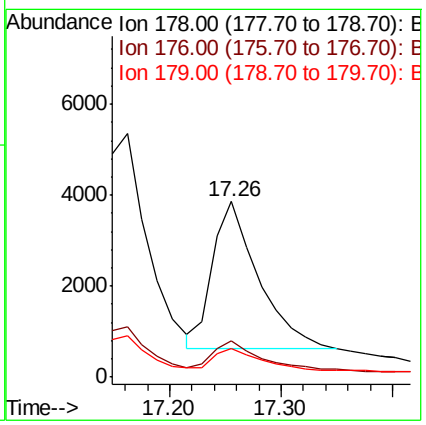


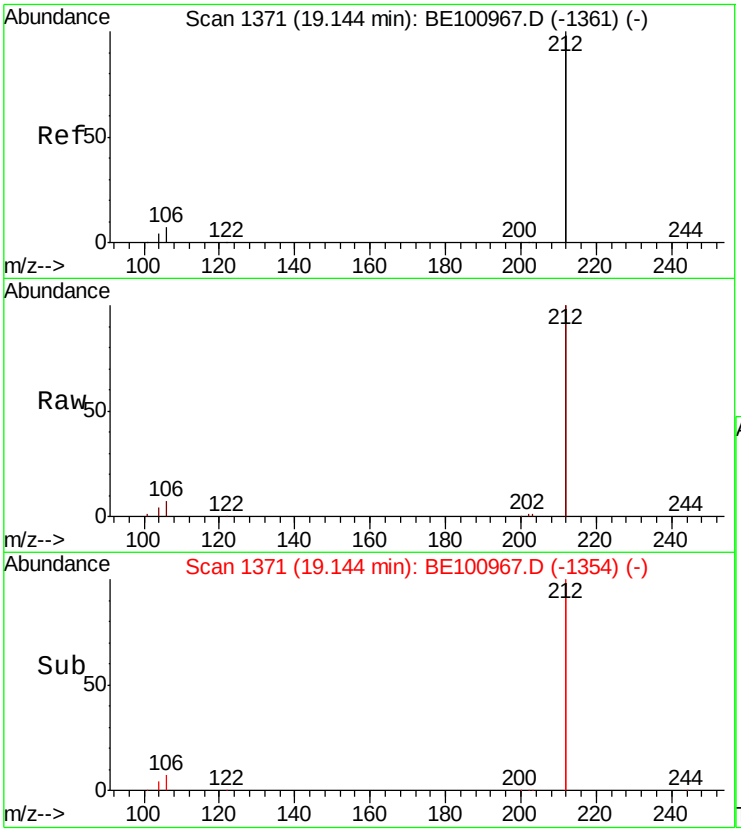


#24
Anthracene
Concen: 0.322 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:178 Resp: 9177

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7



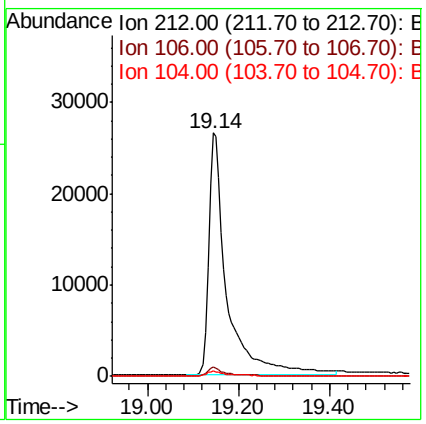


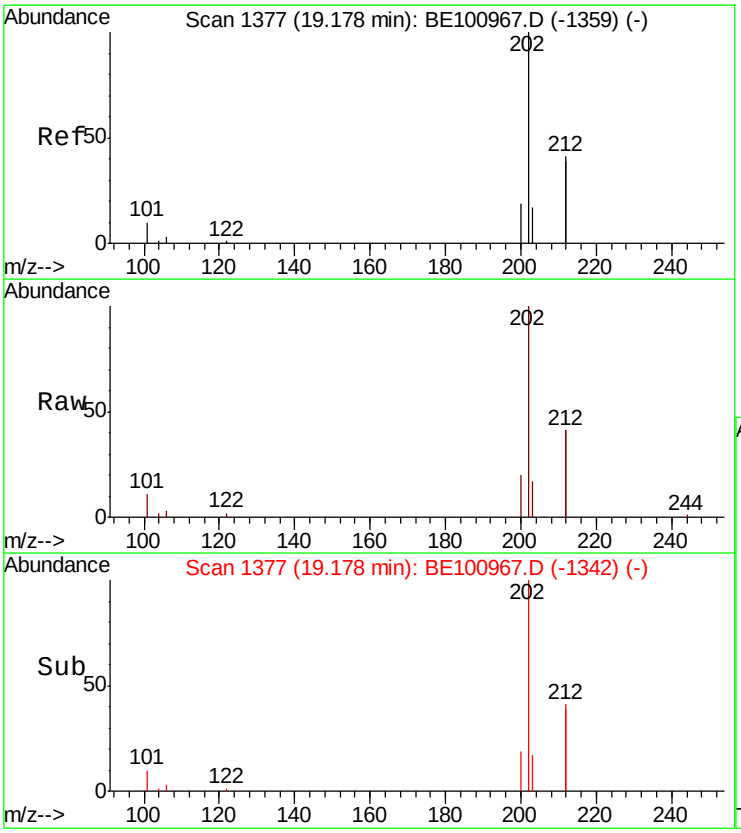
#25
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 73487

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.4	3.6
104	1.7	1.4	2.0

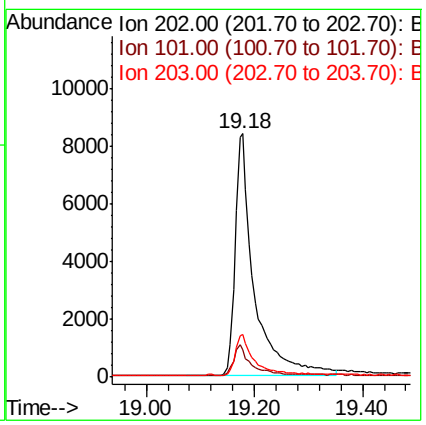


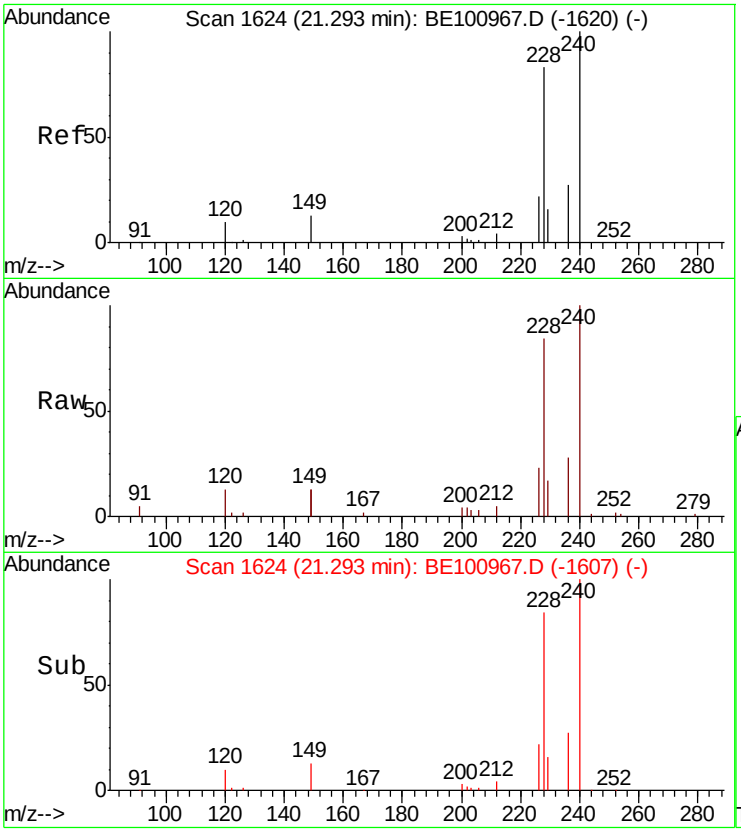


#26
Fluoranthene
Concen: 0.351 ng
RT: 19.18 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:202 Resp: 20645

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	16.5	13.2	19.8



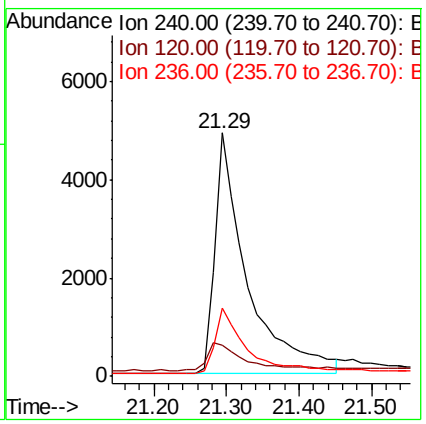


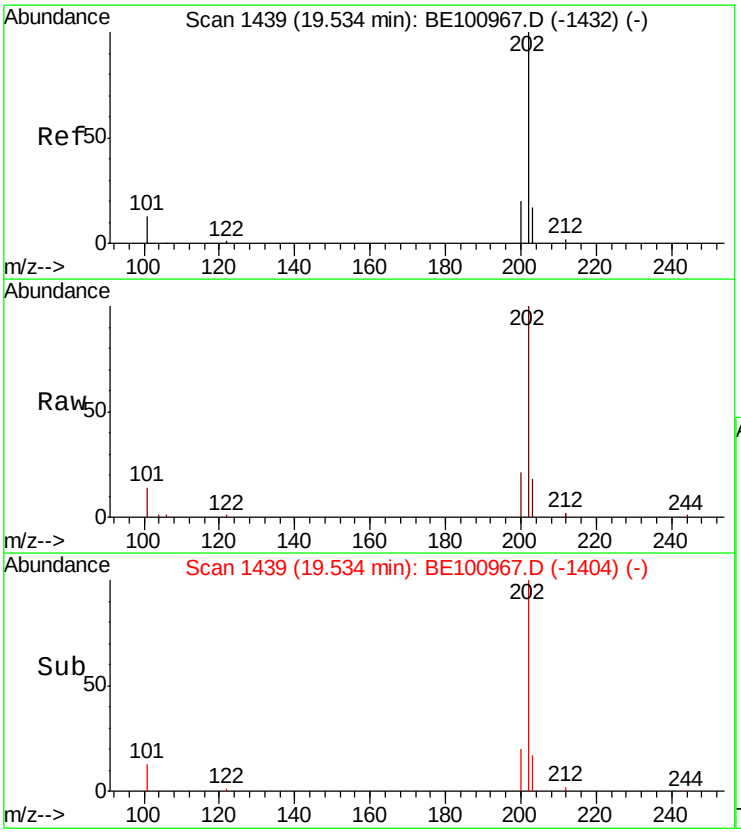
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 15320

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.2	15.4
236	28.3	22.6	34.0

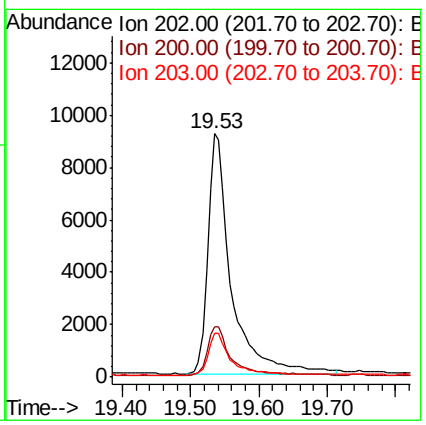


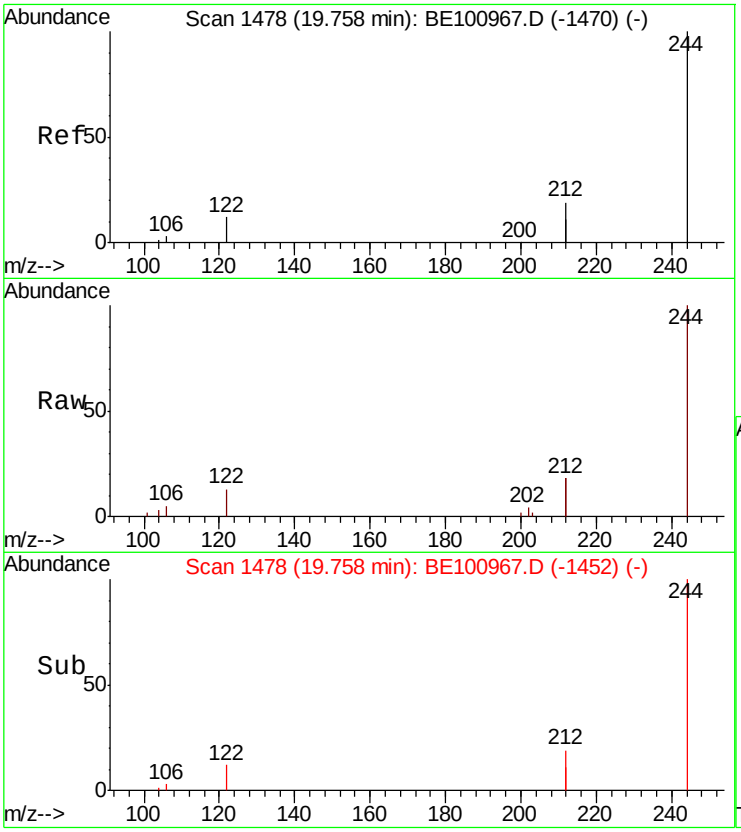


#28
Pyrene
Concen: 0.399 ng
RT: 19.53 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:202 Resp: 21851

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.2	13.8	20.6



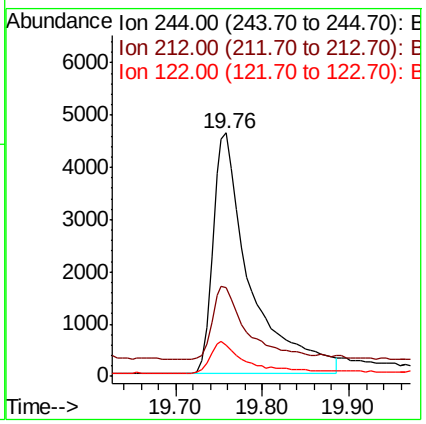


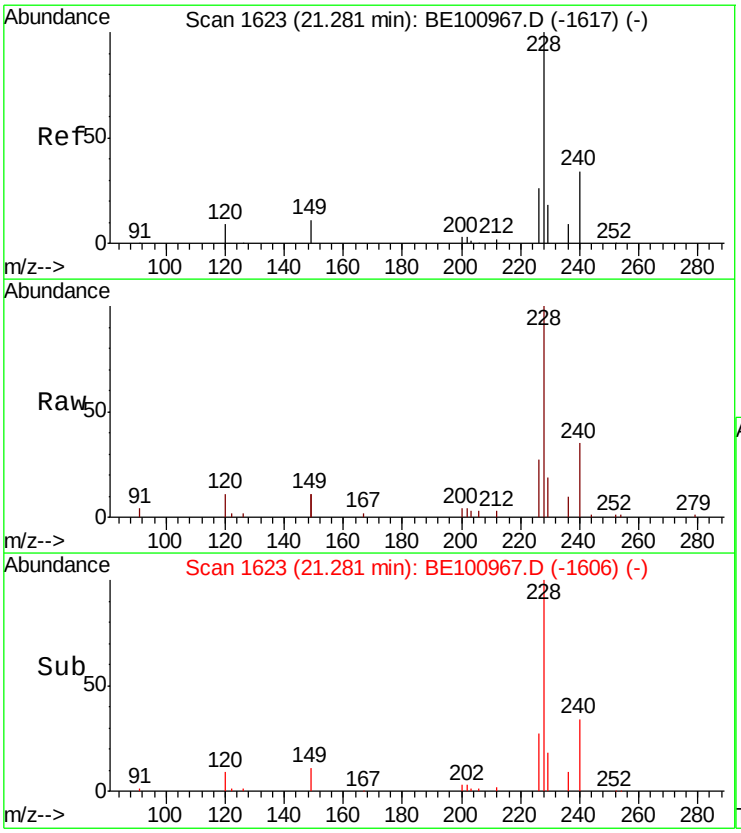
#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13861

Ion	Ratio	Lower	Upper
244	100		
212	36.6	29.3	43.9
122	12.8	10.2	15.4

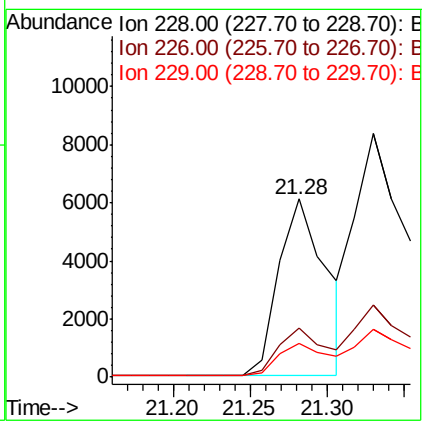


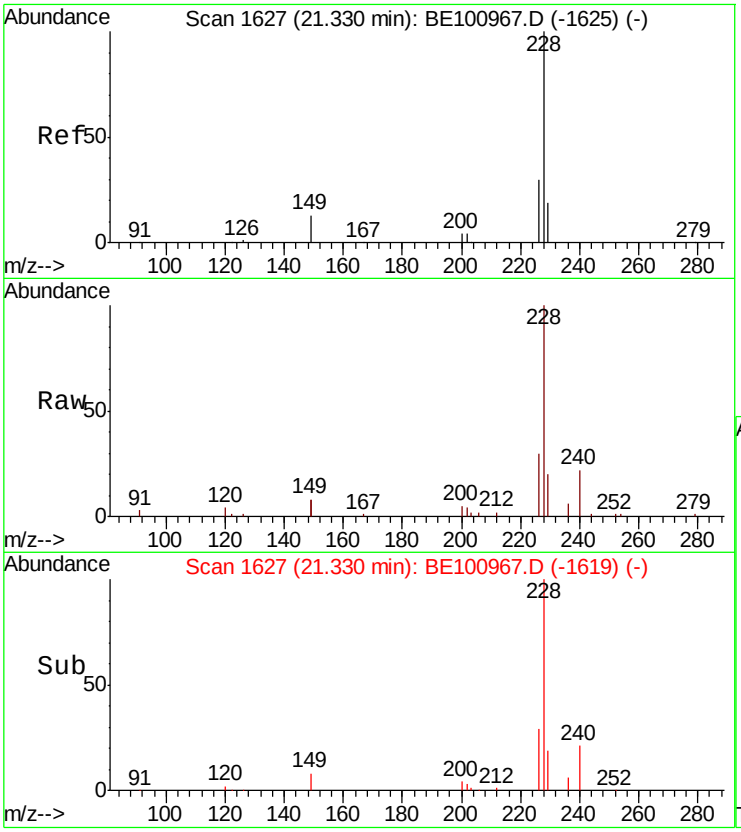


#30
Benzo(a)anthracene
Concen: 0.325 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:228 Resp: 13051

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.2	15.4	23.0



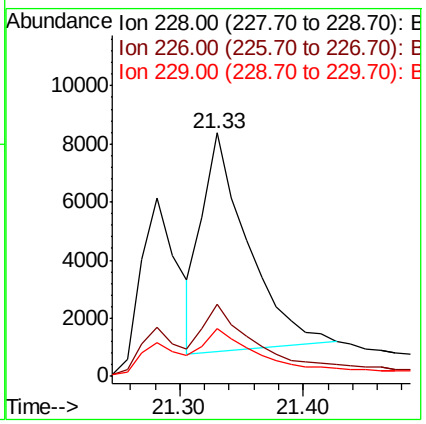


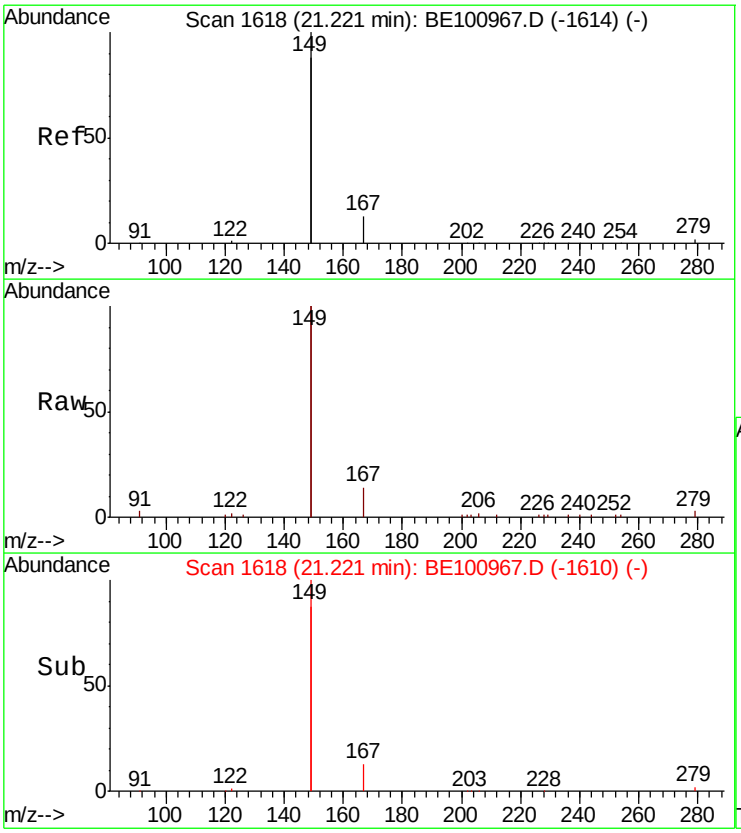
#31
Chrysene
Concen: 0.383 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 19366

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	19.6	15.7	23.5

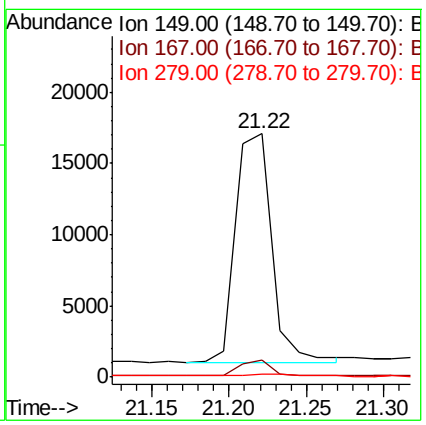


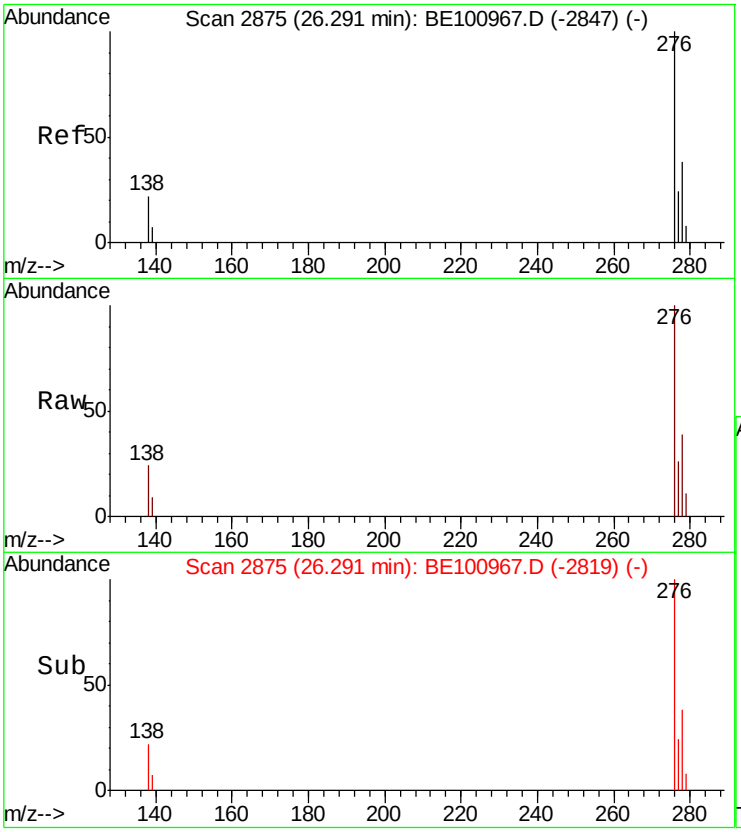


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:149 Resp: 26075

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.1	7.7
279	0.8	0.6	1.0



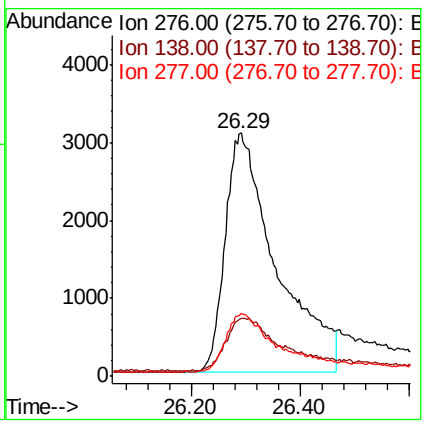


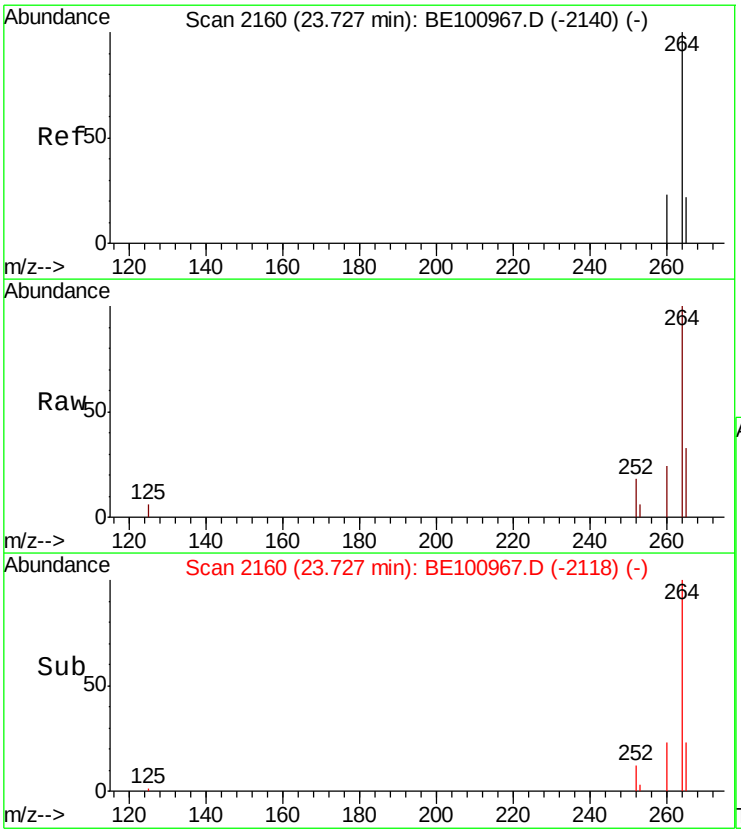
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 26.29 min Scan# 2875
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20085

Ion	Ratio	Lower	Upper
276	100		
138	18.5	14.8	22.2
277	22.5	18.0	27.0

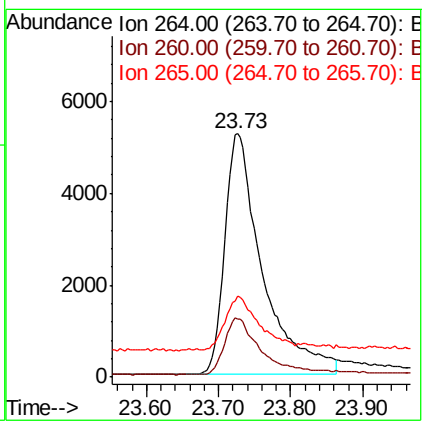


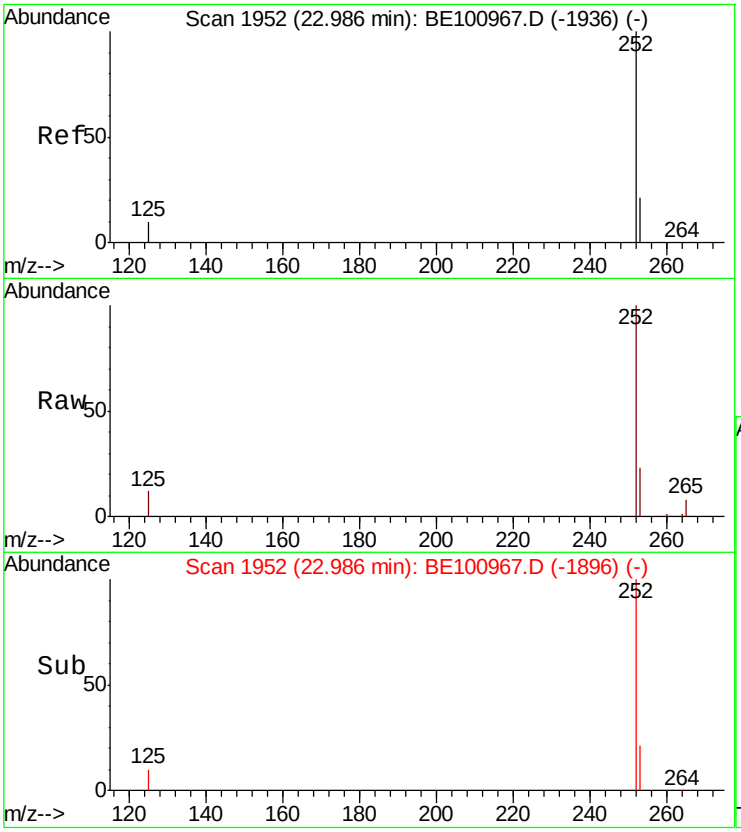


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:264 Resp: 18824

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	33.3	26.6	40.0



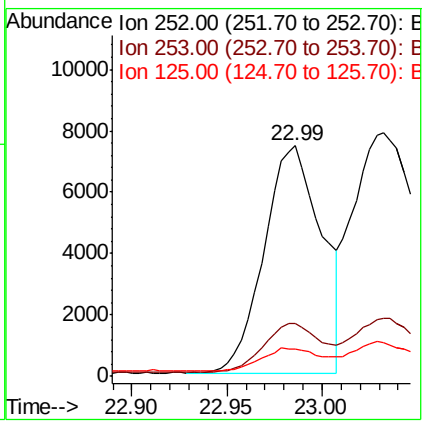


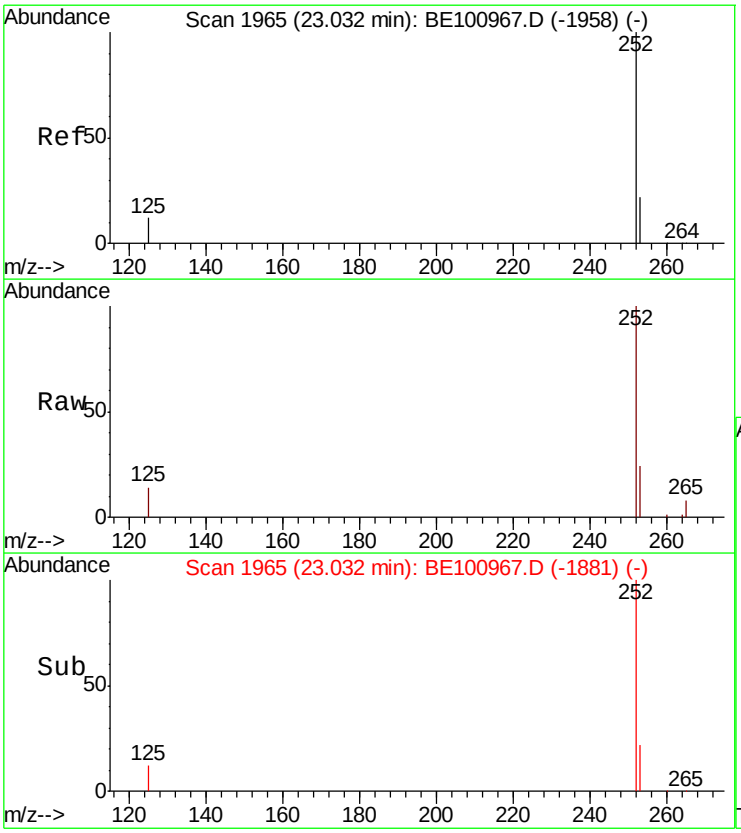
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.99 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15518

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.1	9.7	14.5

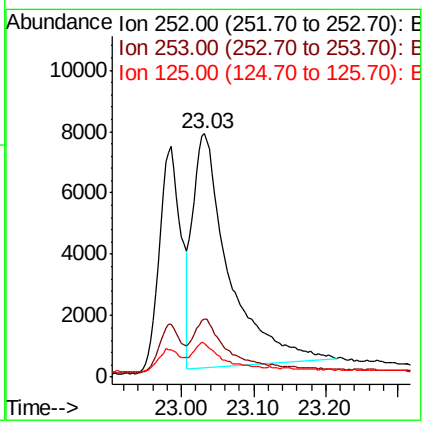


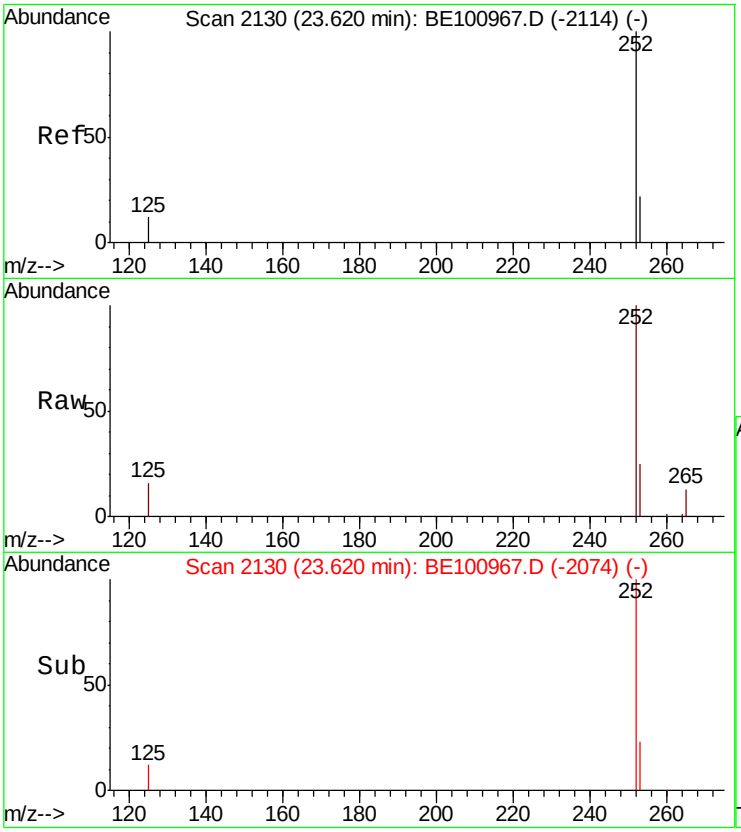


#36
Benzo(k)fluoranthene
Concen: 0.478 ng
RT: 23.03 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:252 Resp: 26654

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	14.0	11.2	16.8



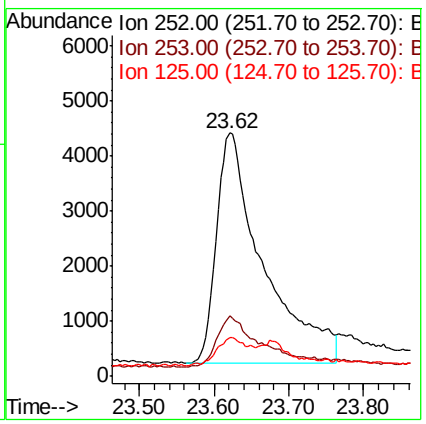


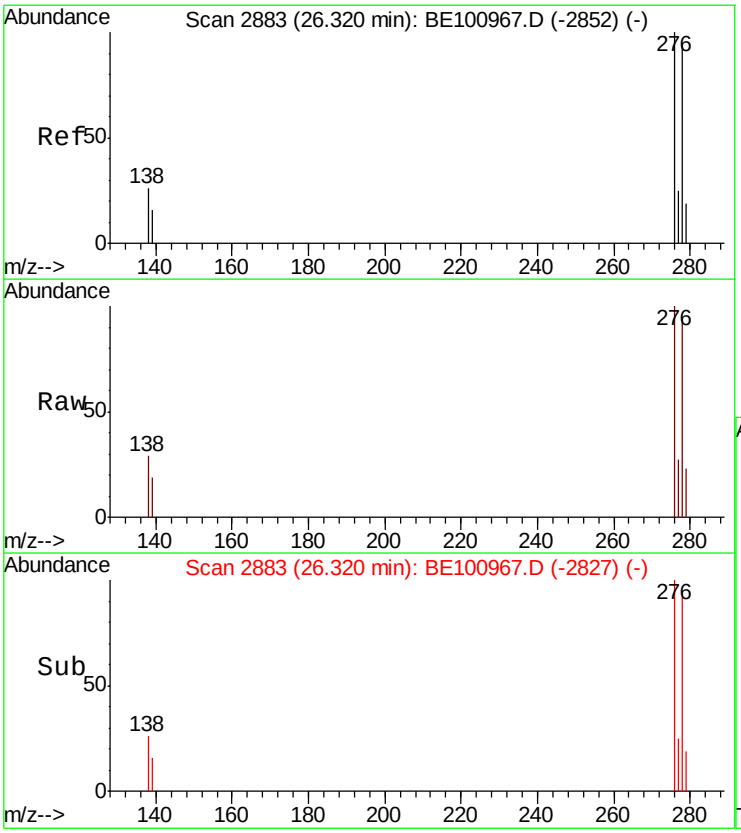
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18078

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.1	30.1
125	15.7	12.6	18.8

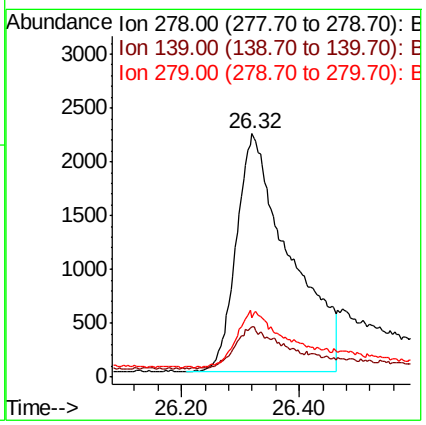


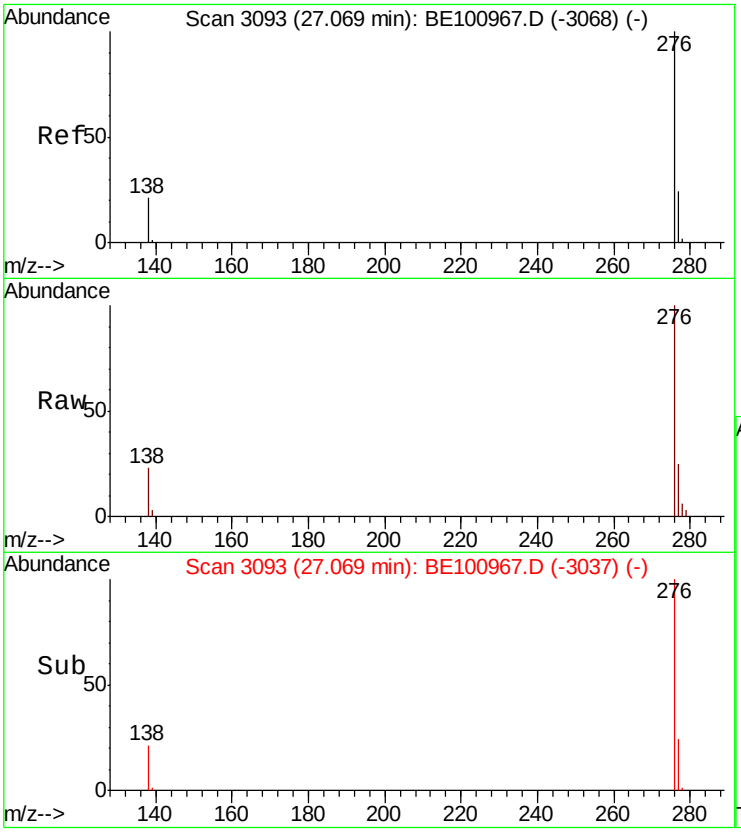


#38
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 26.32 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Tgt Ion:278 Resp: 13852

Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.4	24.6
279	24.1	19.3	28.9





#39
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.07 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BE100967.D
Acq: 24 Dec 2019 10:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19707

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.0	30.0
138	23.2	18.6	27.8