Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100991.D
Acq On : 27 Dec 2019 13:46
Operator : JU
Sample : PB125417BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB125417BSD

Quant Time: Dec 27 22:44:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 17:39:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2196	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	11605	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	7210	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	16451	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	14149	0.40	ng		0.00
34) Perylene-d12	23.72	264	16806	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1423	0.38	ng		0.00
5) Phenol-d6	6.98	99	1674	0.41	ng		0.00
8) Nitrobenzene-d5	8.90	82	2053	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7476	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	569	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	10914	0.43	ng		0.00
25) Fluoranthene-d10	19.14	212	75943	0.38	ng		0.00
29) Terphenyl-d14	19.75	244	14817	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	2310	0.273	ng	#	87
3) n-Nitrosodimethylamine	3.67	42	545	0.508	ng	#	1
6) bis(2-Chloroethyl)ether	7.18	93	2144	0.270	ng		81
9) Naphthalene	10.58	128	50284	0.408	ng		100
10) Hexachlorobutadiene	10.86	225	2234	0.410	ng		98
12) 2-Methylnaphthalene	12.21	142	6846	0.366	ng		99
16) Acenaphthylene	14.10	152	9640	0.358	ng		98
17) Acenaphthene	14.44	154	7974	0.407	ng		99
18) Fluorene	15.42	166	10037	0.411	ng		99
20) 4-Bromophenyl-phenylether	16.32	248	2639	0.365	ng		94
21) Hexachlorobenzene	16.43	284	3301	0.387	ng		100
22) Pentachlorophenol	16.79	266	267	0.357	ng		90
23) Phenanthrene	17.15	178	16771	0.396	ng		99
24) Anthracene	17.26	178	9754	0.227	ng		98
26) Fluoranthene	19.17	202	21355	0.369	ng		99
28) Pyrene	19.53	202	22250	0.450	ng		100
30) Benzo(a)anthracene	21.28	228	14022	0.405	ng		98
31) Chrysene	21.33	228	18573	0.288	ng		99
32) Bis(2-ethylhexyl)phthalate	21.21	149	23529	0.383	ng		100
33) Indeno(1,2,3-cd)pyrene	26.28	276	20454	0.421	ng	#	94
35) Benzo(b)fluoranthene	22.98	252	15204	0.430	ng		100
36) Benzo(k)fluoranthene	23.03	252	23427	0.349	ng		99
37) Benzo(a)pyrene	23.61	252	16654	0.403	ng		97
38) Dibenzo(a,h)anthracene	26.31	278	15342	0.410	ng	#	90
39) Benzo(g,h,i)perylene	27.06	276	19636	0.445	ng		99

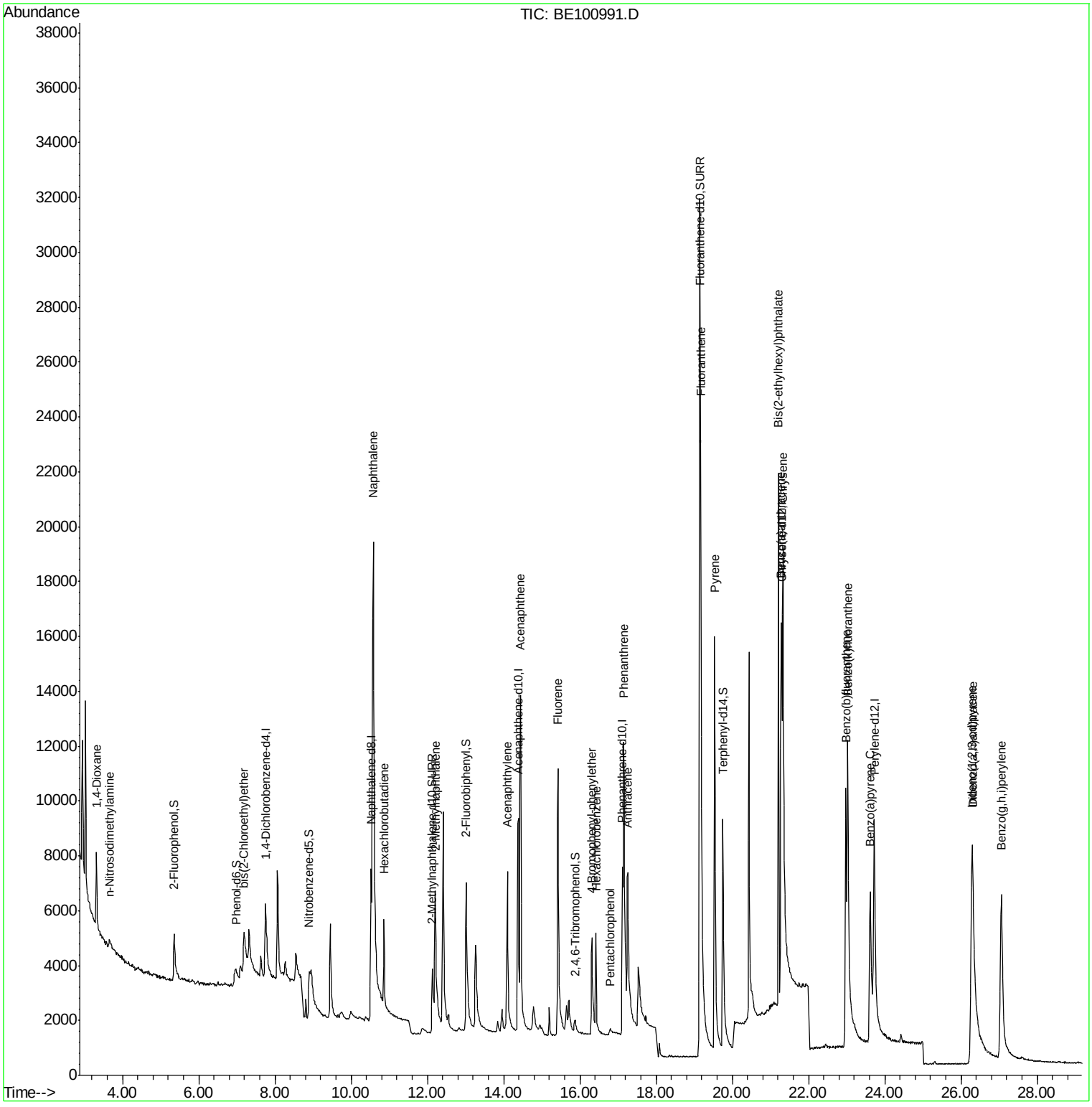
(#) = qualifier out of range (m) = manual integration (+) = signals summed

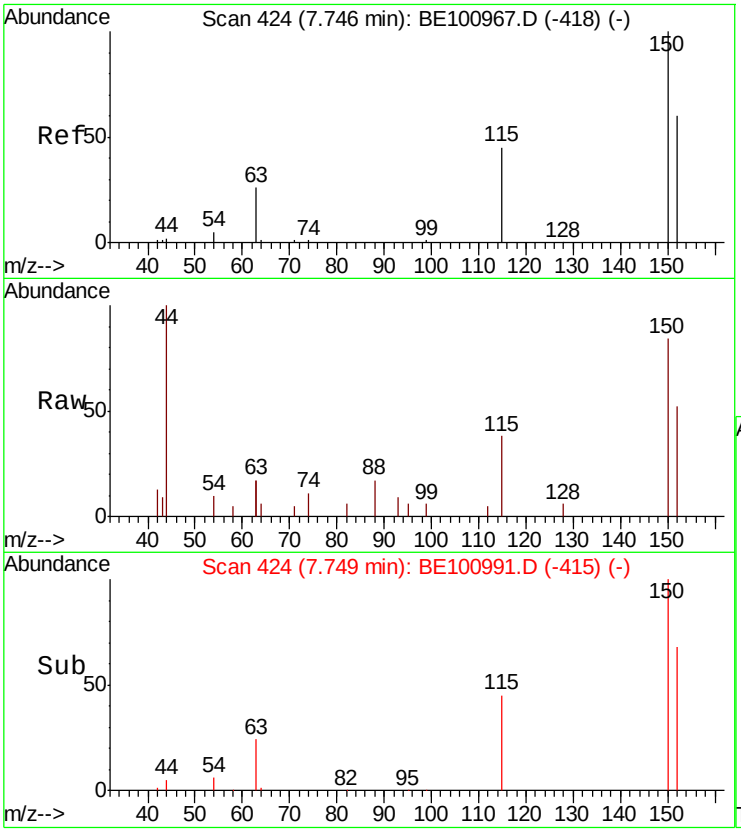
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
Data File : BE100991.D
Acq On : 27 Dec 2019 13:46
Operator : JU
Sample : PB125417BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Quant Time: Dec 27 22:44:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 17:39:05 2019
Response via : Initial Calibration

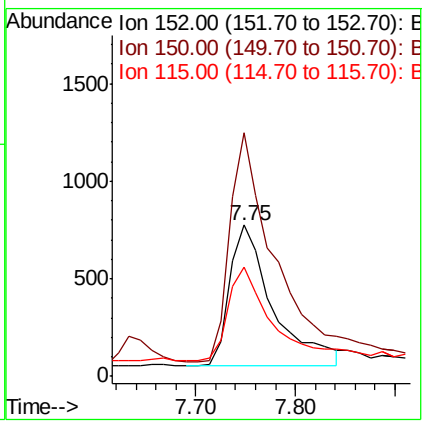




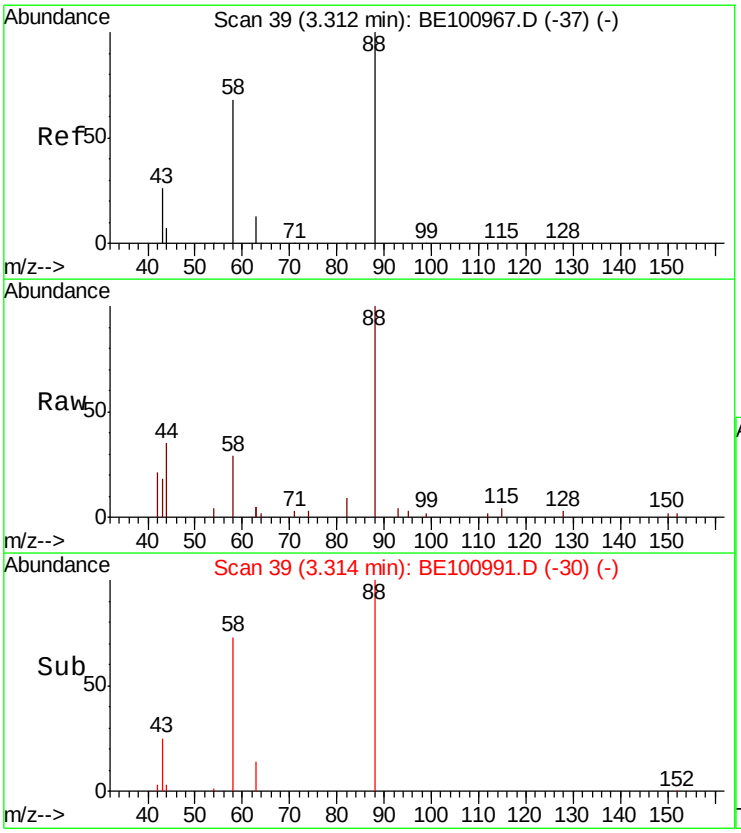
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:152 Resp: 2196

Ion	Ratio	Lower	Upper
152	100		
150	161.0	132.6	199.0
115	72.1	64.1	96.1



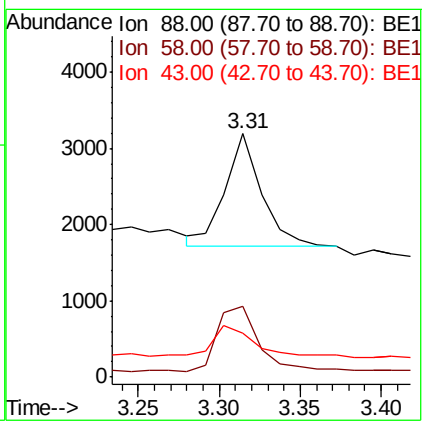
Instrument :
BNA_E
ClientSampleId :
PB125417BSD

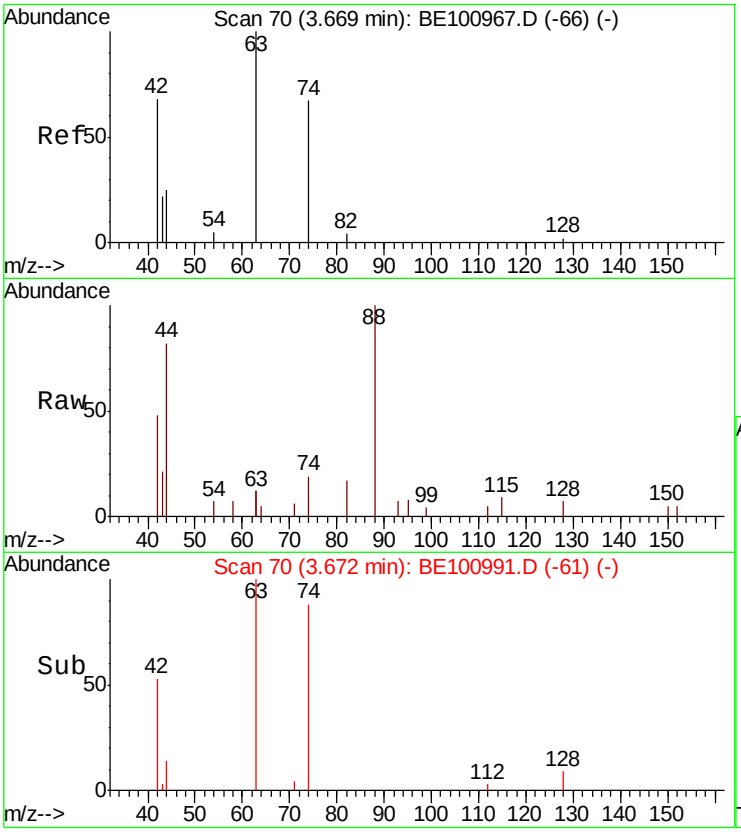


#2
1,4-Dioxane
Concen: 0.273 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion: 88 Resp: 2310

Ion	Ratio	Lower	Upper
88	100		
58	67.4	44.2	66.4#
43	28.3	21.0	31.6



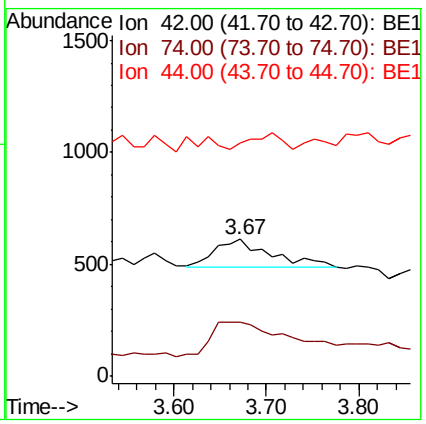


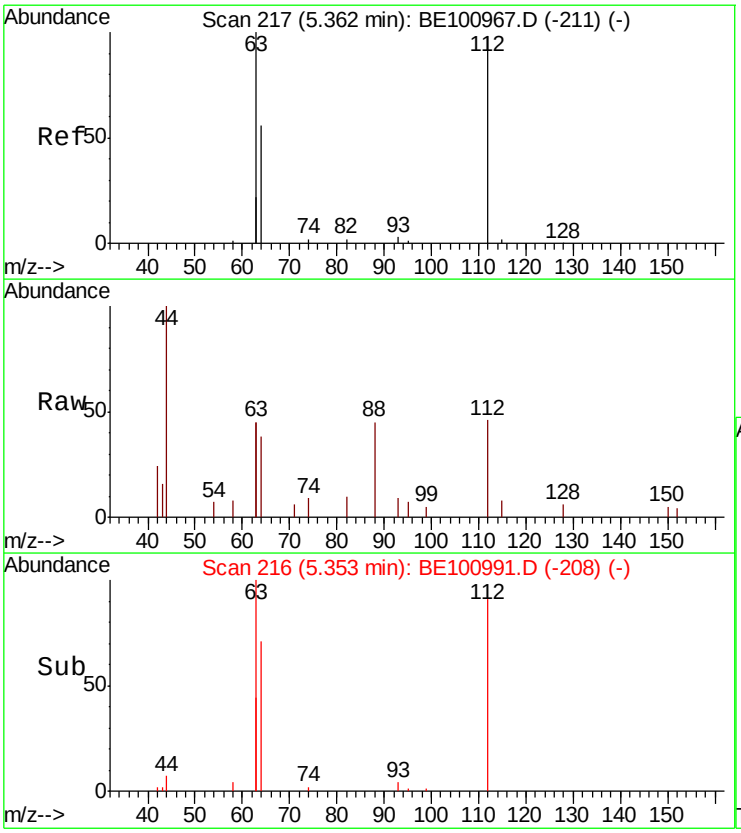
#3
n-Nitrosodimethylamine
Concen: 0.508 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion: 42 Resp: 545

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

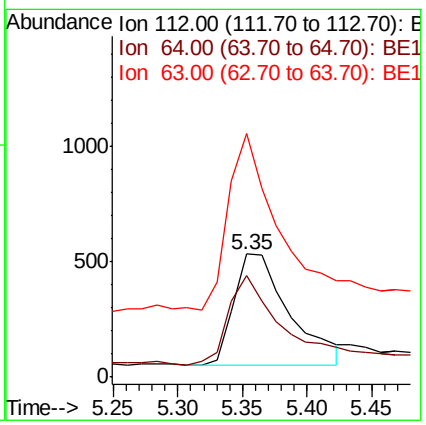


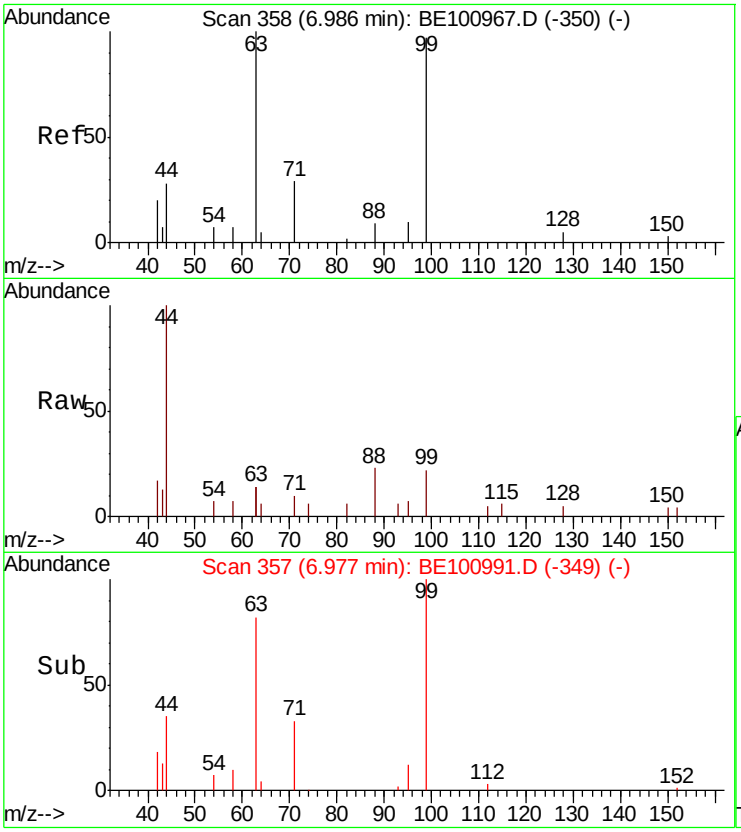


#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:112 Resp: 1423

Ion	Ratio	Lower	Upper
112	100		
64	76.5	59.0	88.6
63	145.7	121.4	182.0



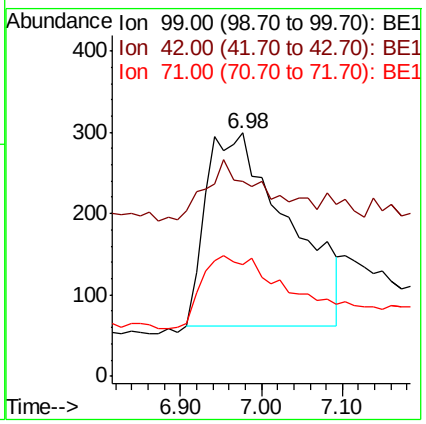


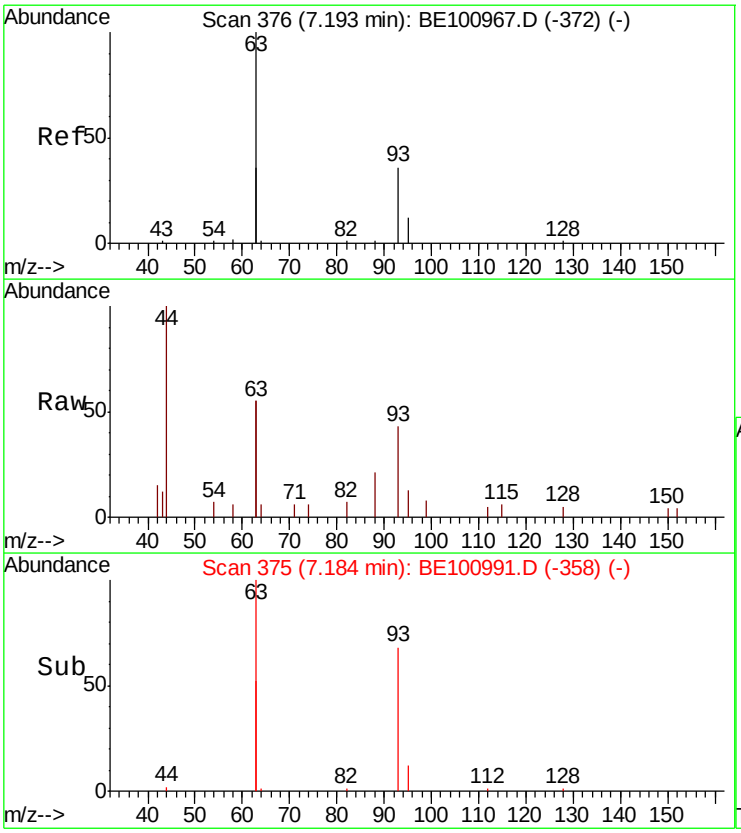
#5
Phenol-d6
Concen: 0.411 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion: 99 Resp: 1674

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

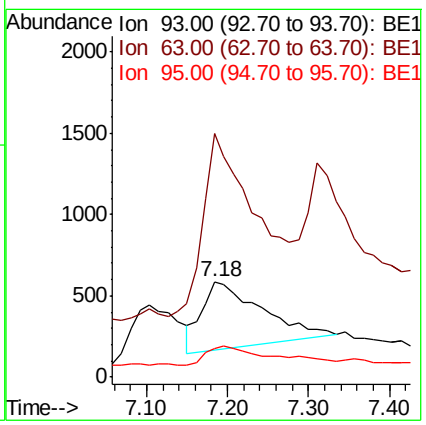


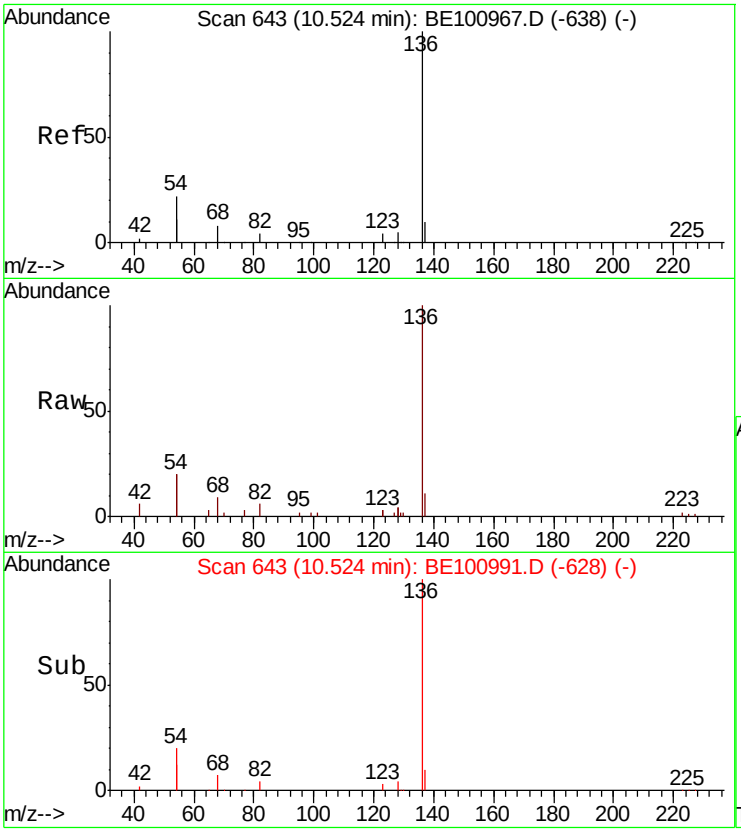


#6
bis(2-Chloroethyl)ether
Concen: 0.270 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion: 93 Resp: 2144

Ion	Ratio	Lower	Upper
93	100		
63	244.5	228.3	342.5
95	32.4	25.9	38.9



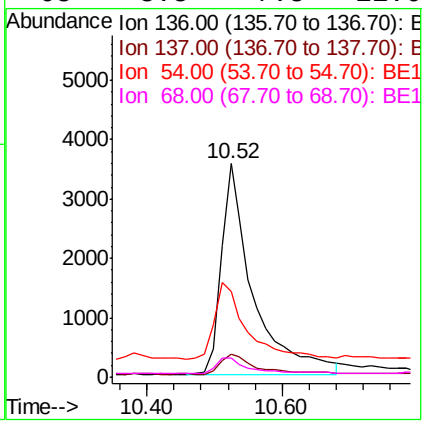


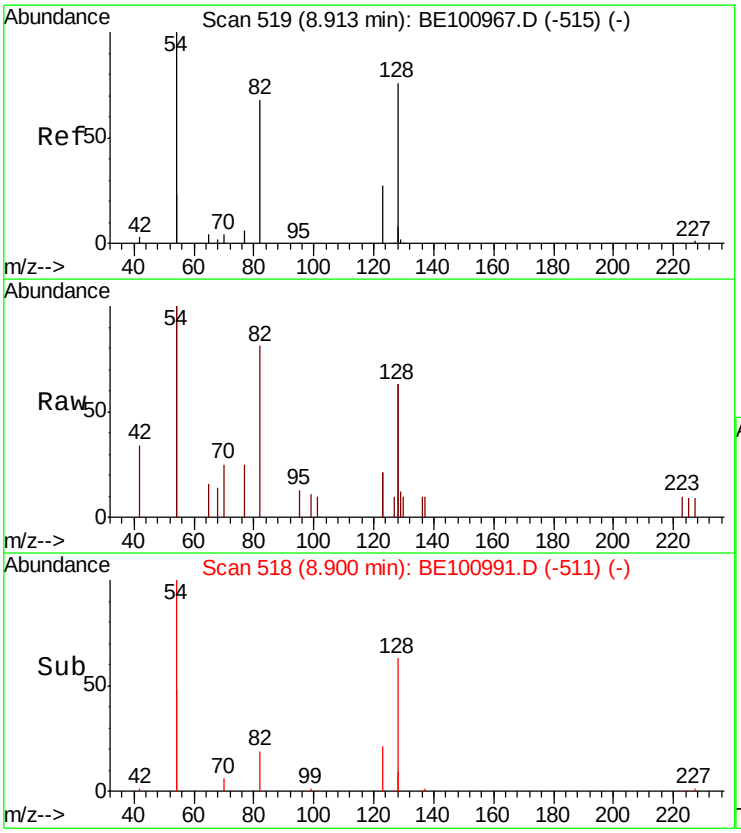
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:136 Resp: 11605

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	39.9	34.4	51.6
68	8.8	7.8	11.6

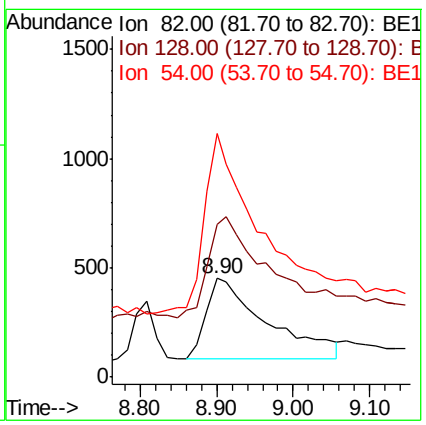


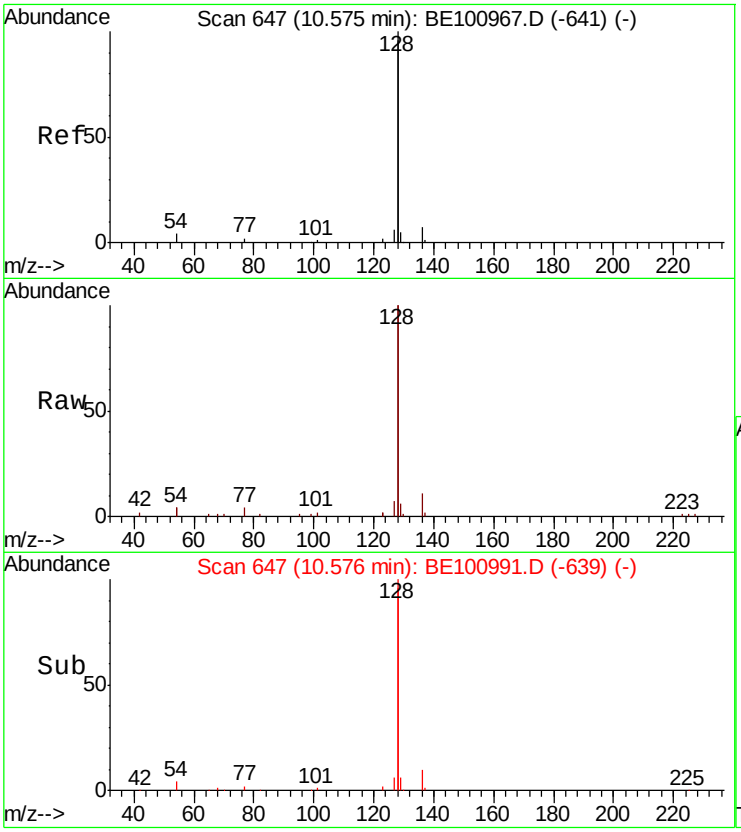


#8
Nitrobenzene-d5
Concen: 0.446 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion: 82 Resp: 2053

Ion	Ratio	Lower	Upper
82	100		
128	155.0	140.2	210.2
54	245.9	183.8	275.6



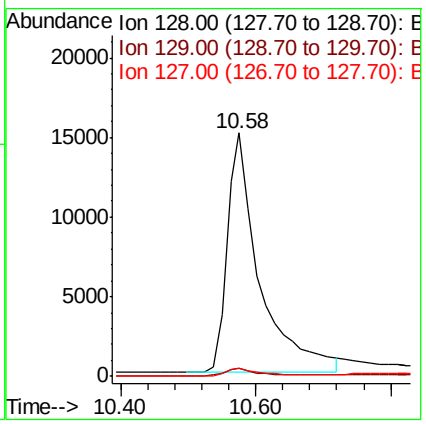


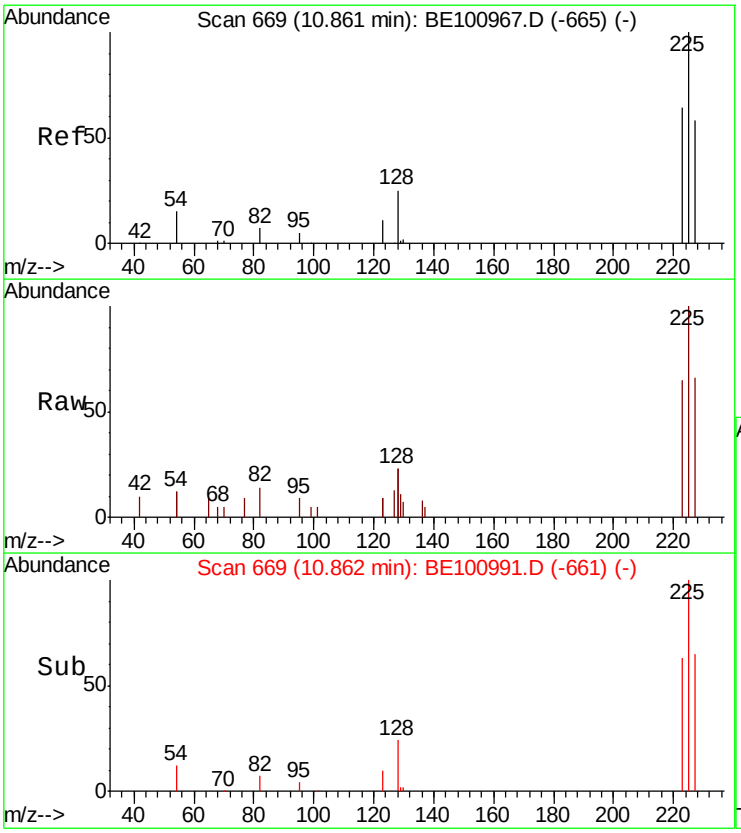
#9
Naphthalene
Concen: 0.408 ng
RT: 10.58 min Scan# 647
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:128 Resp: 50284

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.4	2.8	4.2

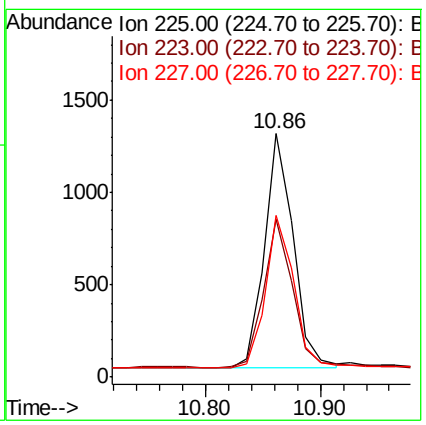


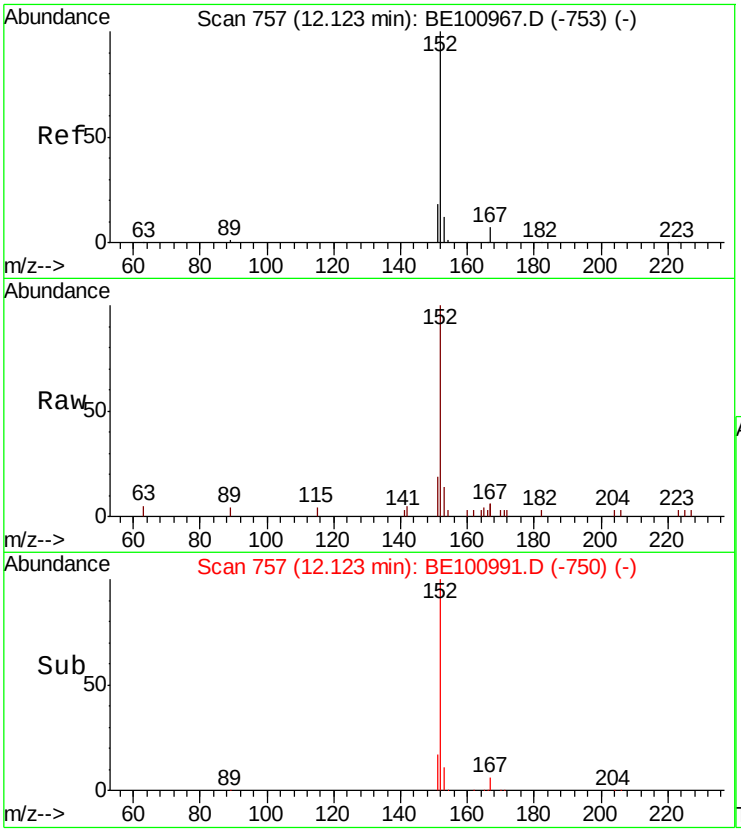


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.86 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:225 Resp: 2234

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.0
227	64.6	50.2	75.2



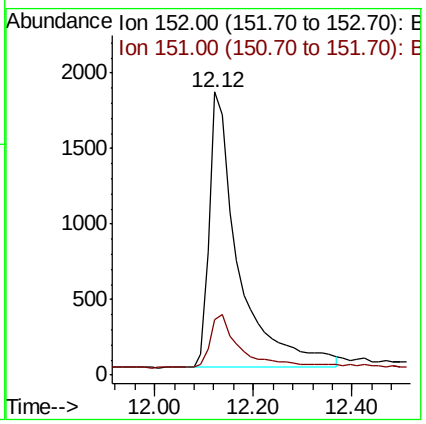


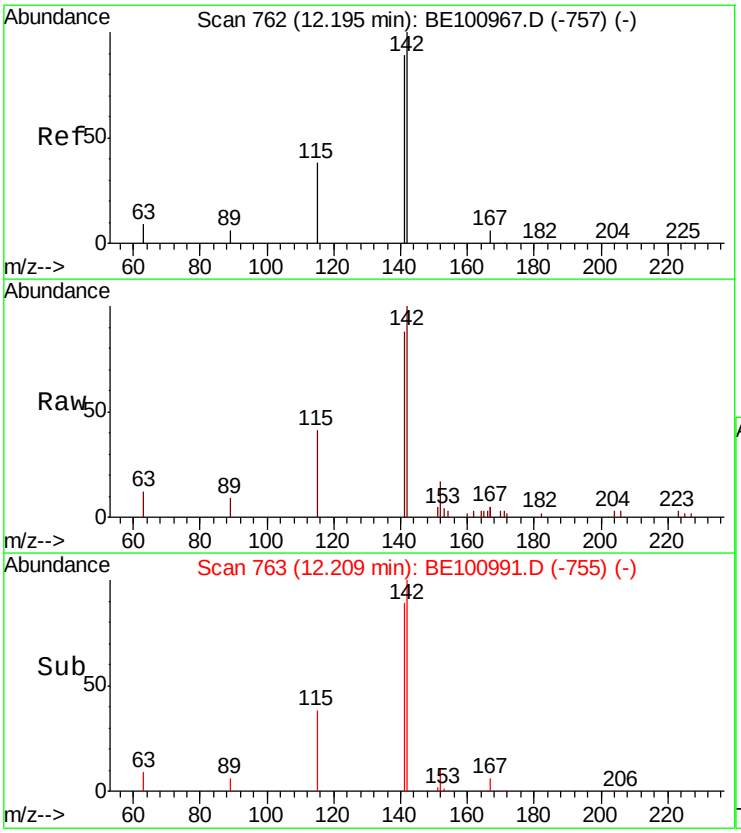
#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:152 Resp: 7476

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7

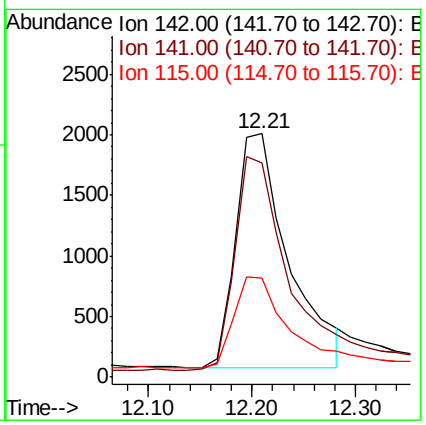


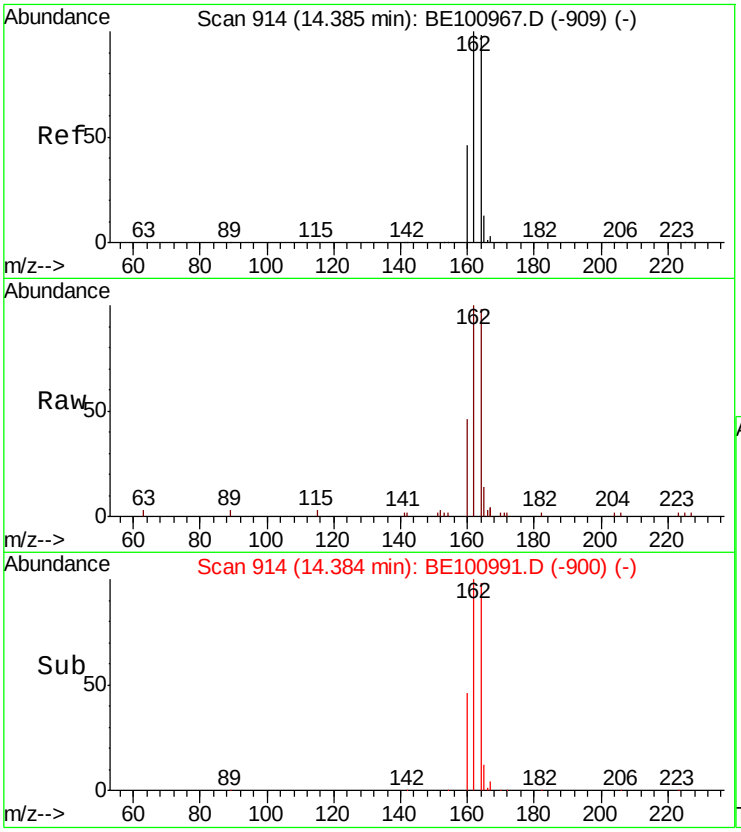


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:142 Resp: 6846

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	40.6	32.0	48.0



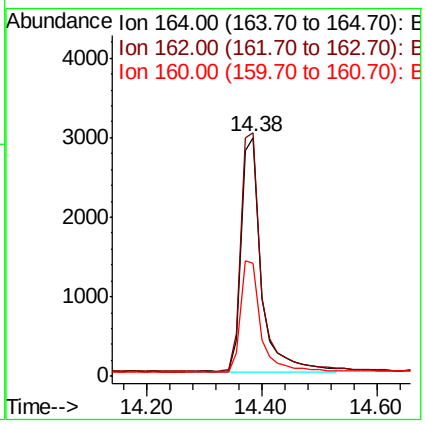


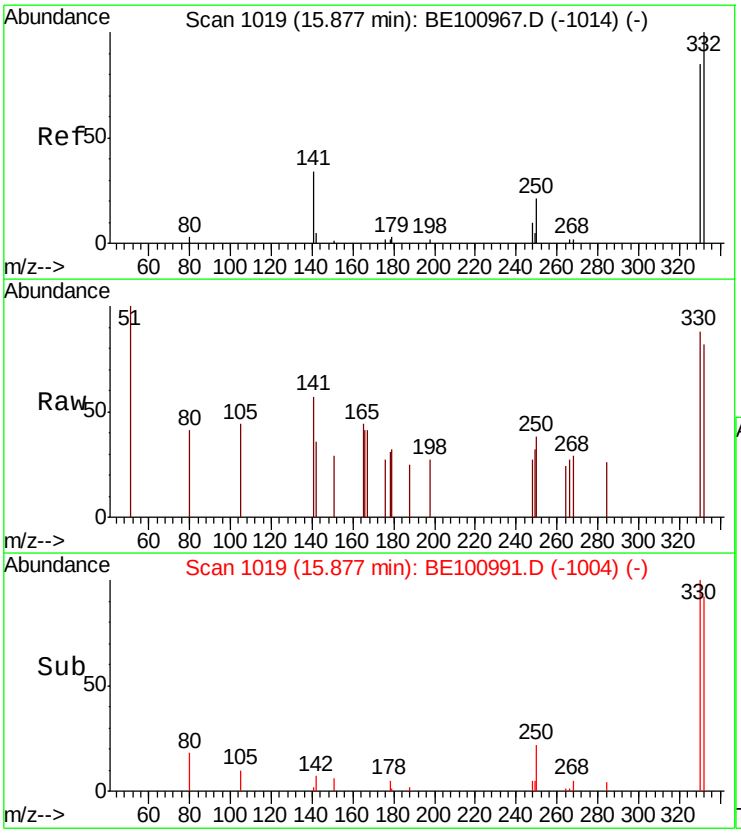
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:164 Resp: 7210

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	47.3	37.7	56.5

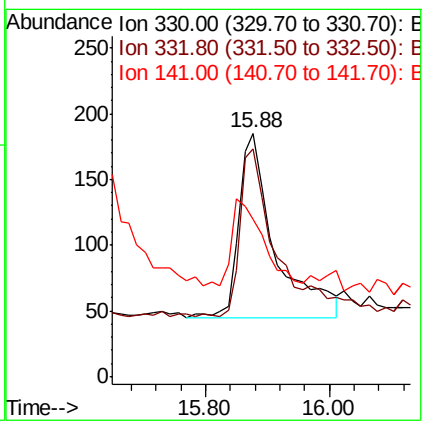


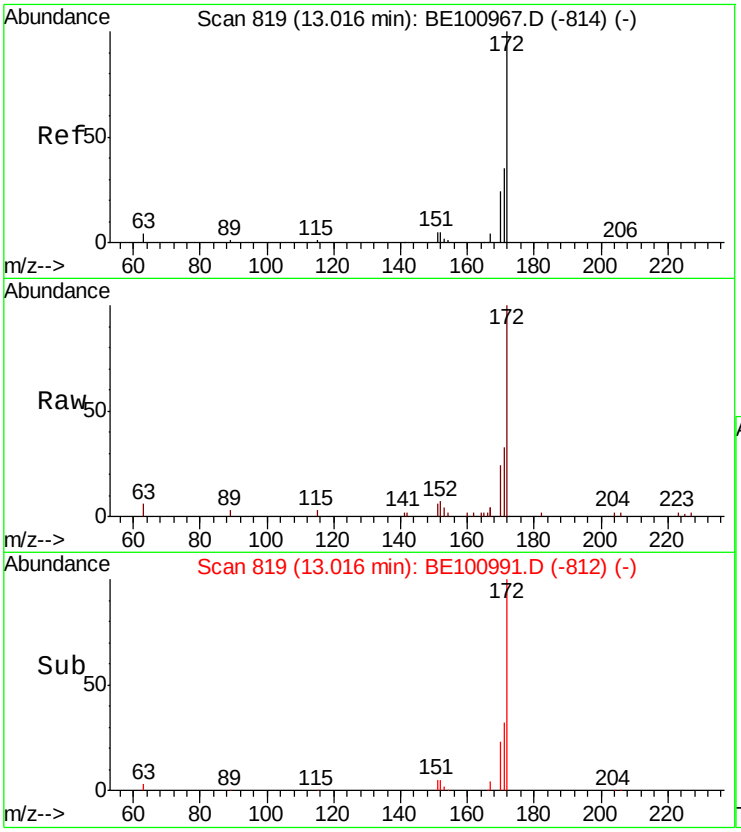


#14
2,4,6-Tribromophenol
Concen: 0.451 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:330 Resp: 569

Ion	Ratio	Lower	Upper
330	100		
332	88.0	72.4	108.6
141	0.0	25.4	38.2#



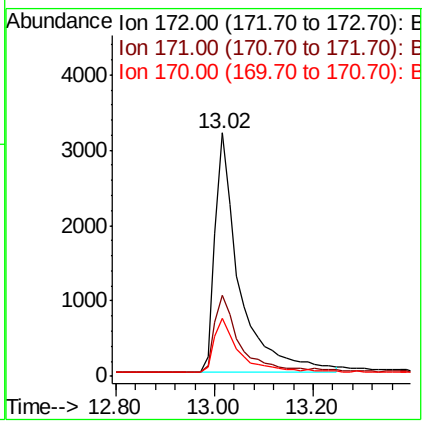


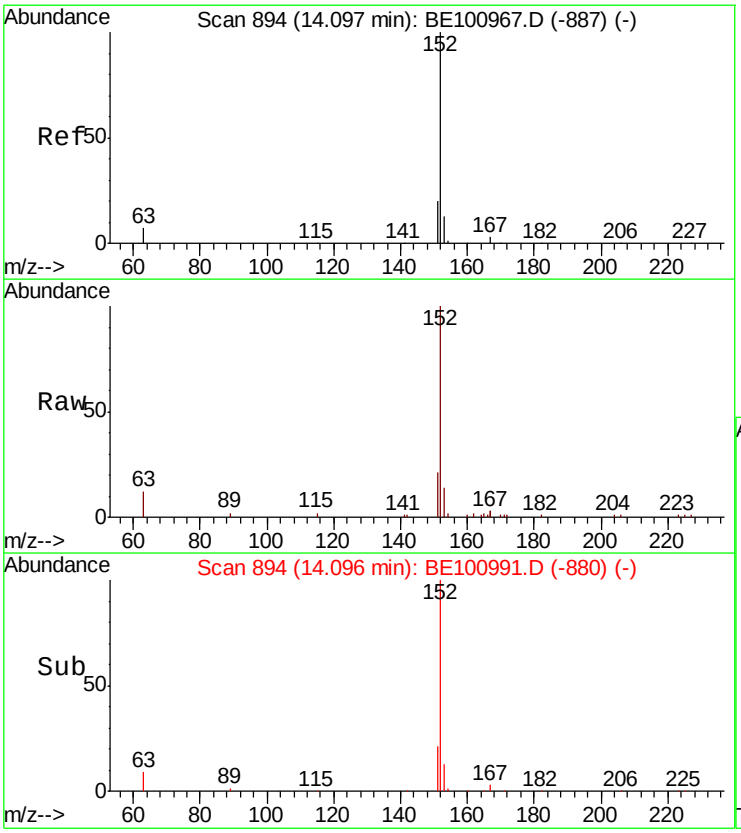
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:172 Resp: 10914

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.0	43.6
170	23.7	20.0	30.0

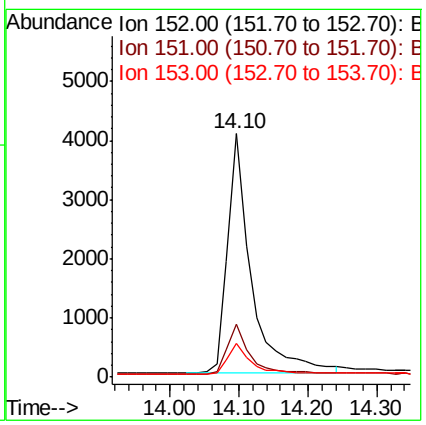


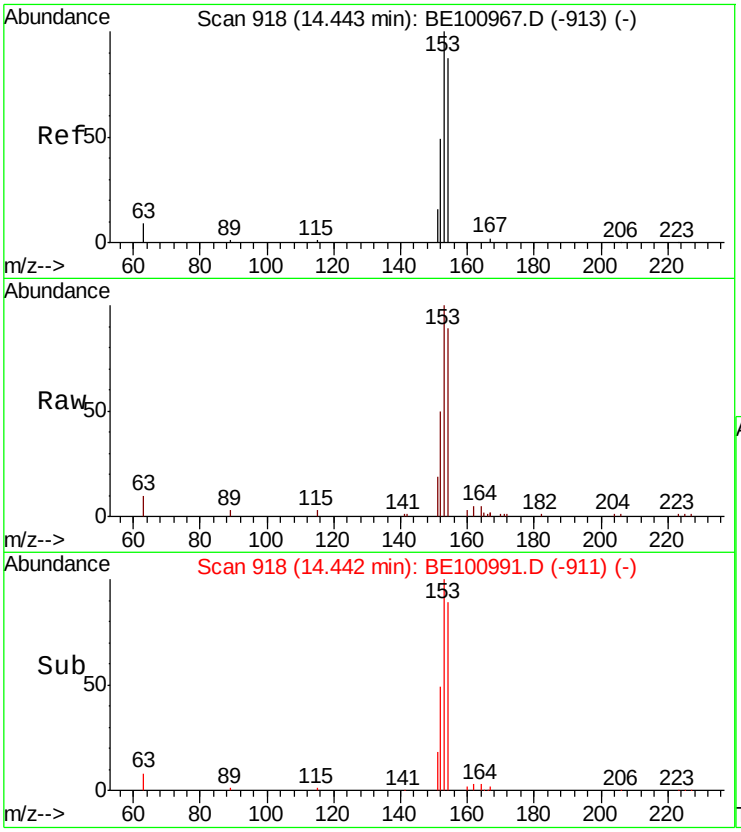


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:152 Resp: 9640

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	12.6	10.5	15.7



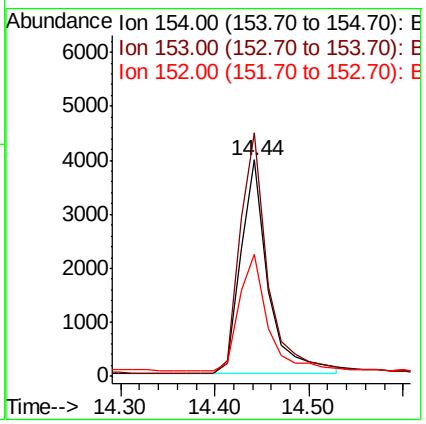


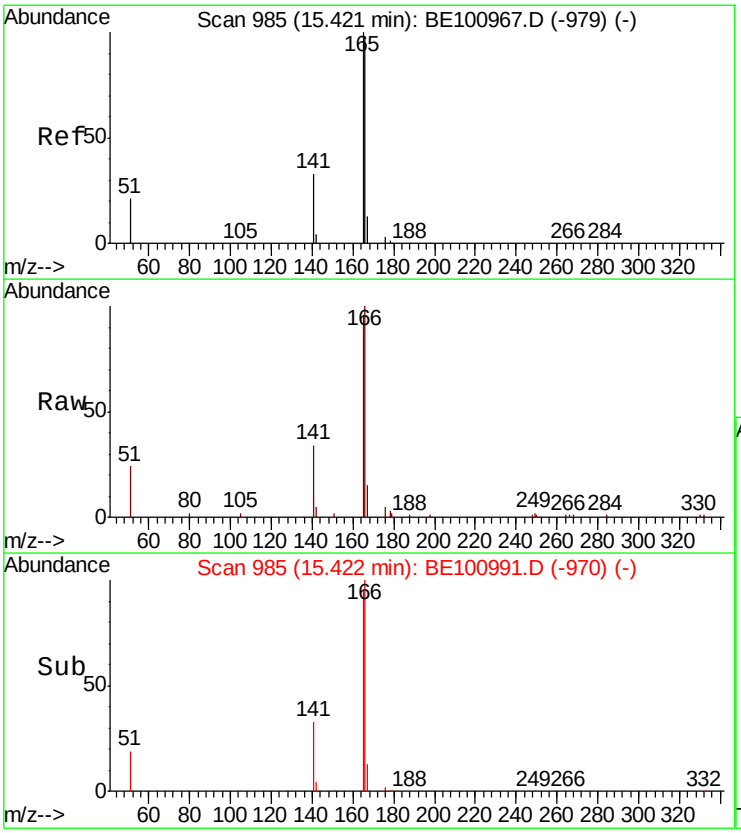
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:154 Resp: 7974

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.7	137.5
152	57.4	44.5	66.7

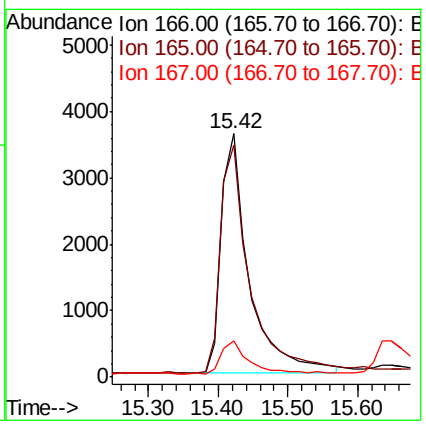


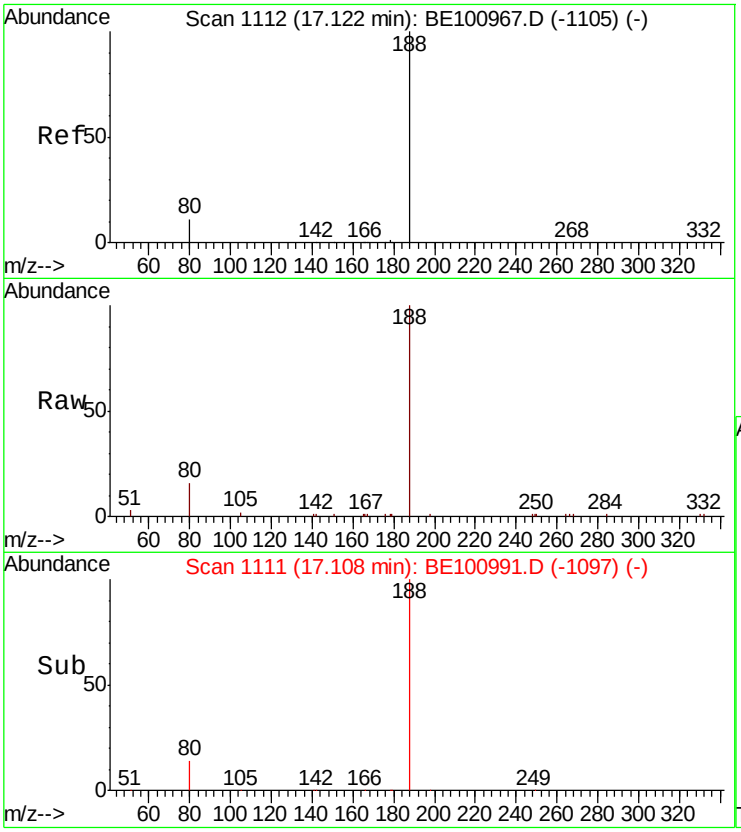


#18
Fluorene
Concen: 0.411 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:166 Resp: 10037

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.4	119.0
167	13.6	10.6	15.8



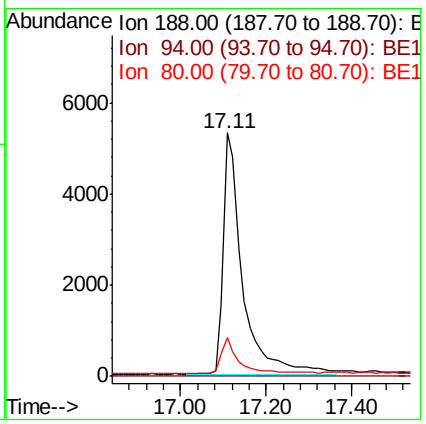


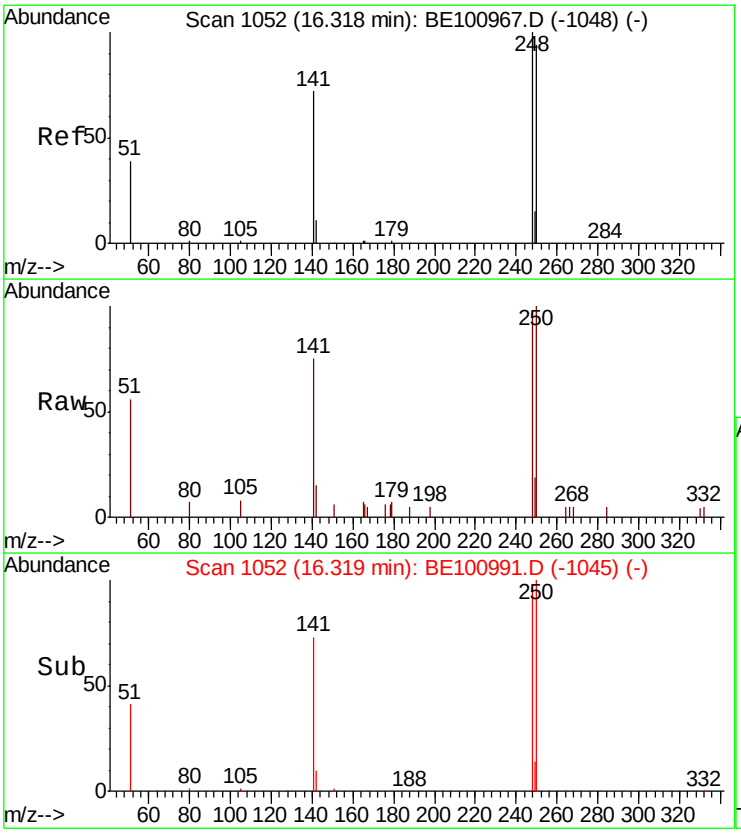
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:188 Resp: 16451

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.7	9.7	14.5#

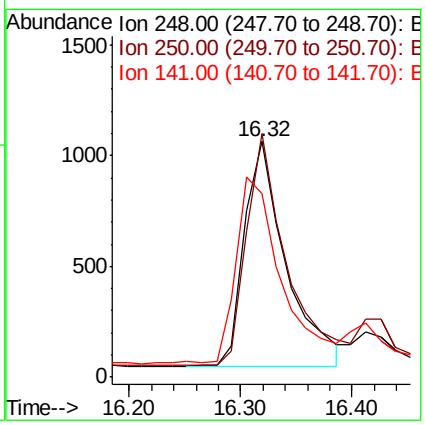


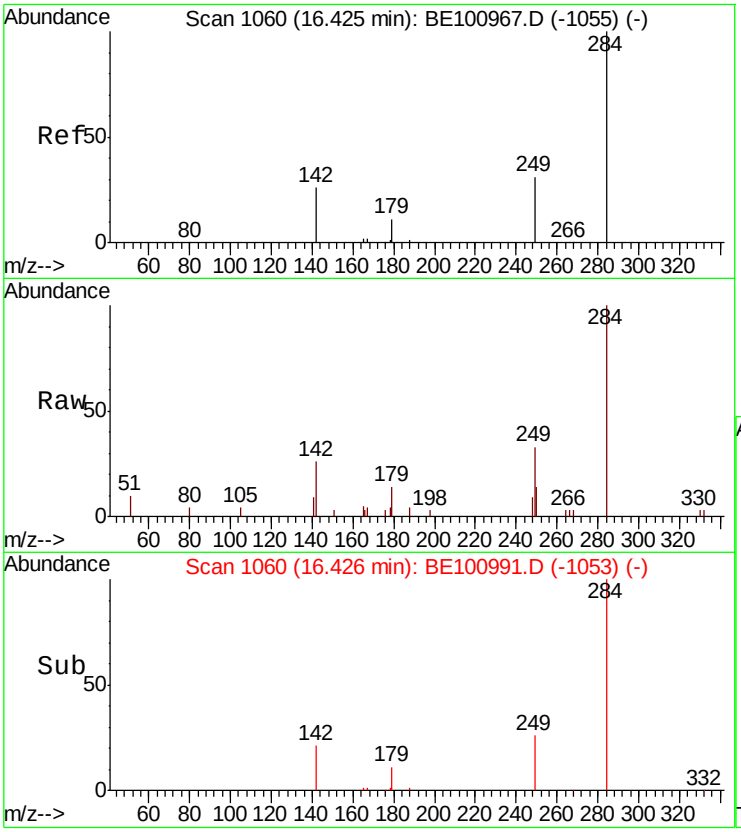


#20
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:248 Resp: 2639

Ion	Ratio	Lower	Upper
248	100		
250	103.4	76.0	114.0
141	77.8	61.0	91.6



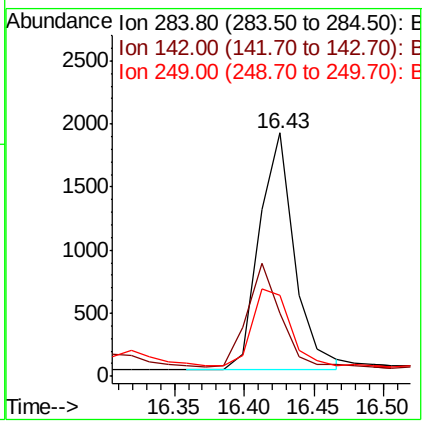


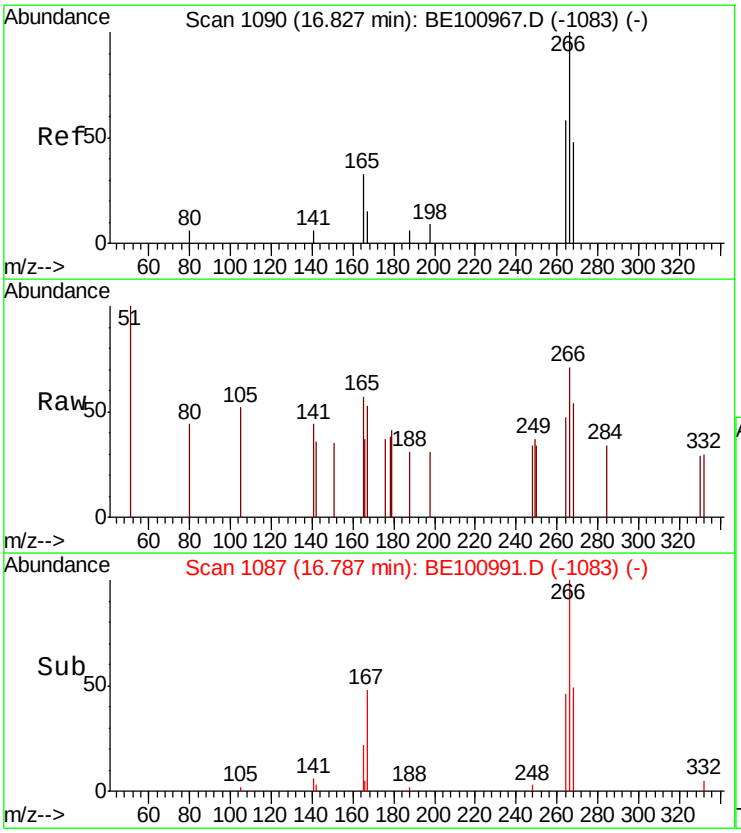
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:284 Resp: 3301

Ion	Ratio	Lower	Upper
284	100		
142	41.5	33.3	49.9
249	34.2	27.2	40.8

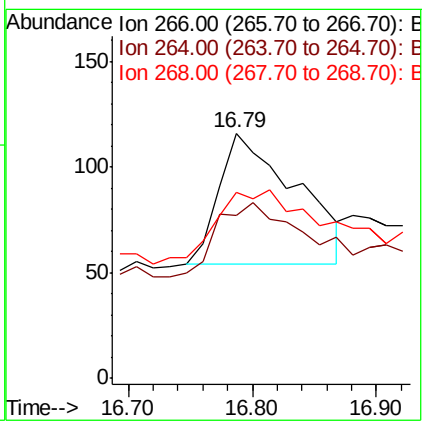


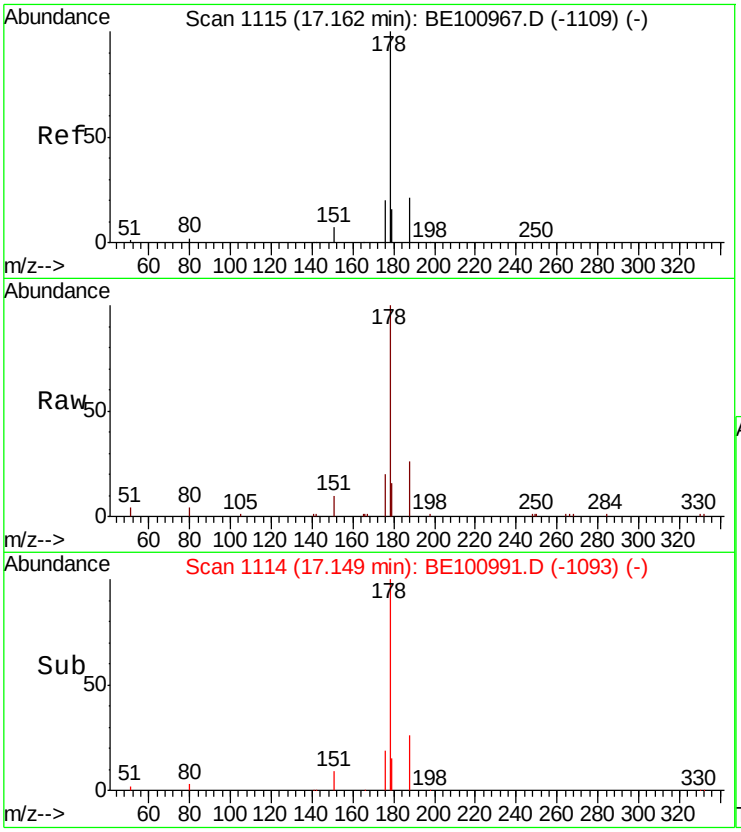


#22
Pentachlorophenol
Concen: 0.357 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:266 Resp: 267

Ion	Ratio	Lower	Upper
266	100		
264	66.4	62.3	93.5
268	75.9	66.1	99.1



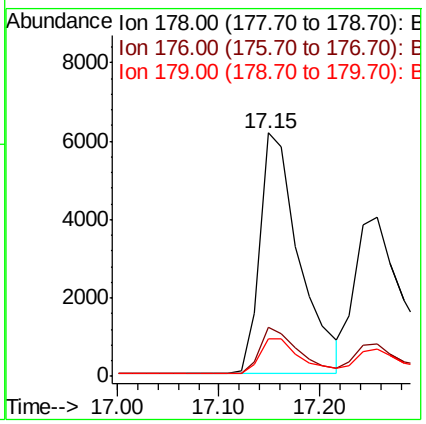


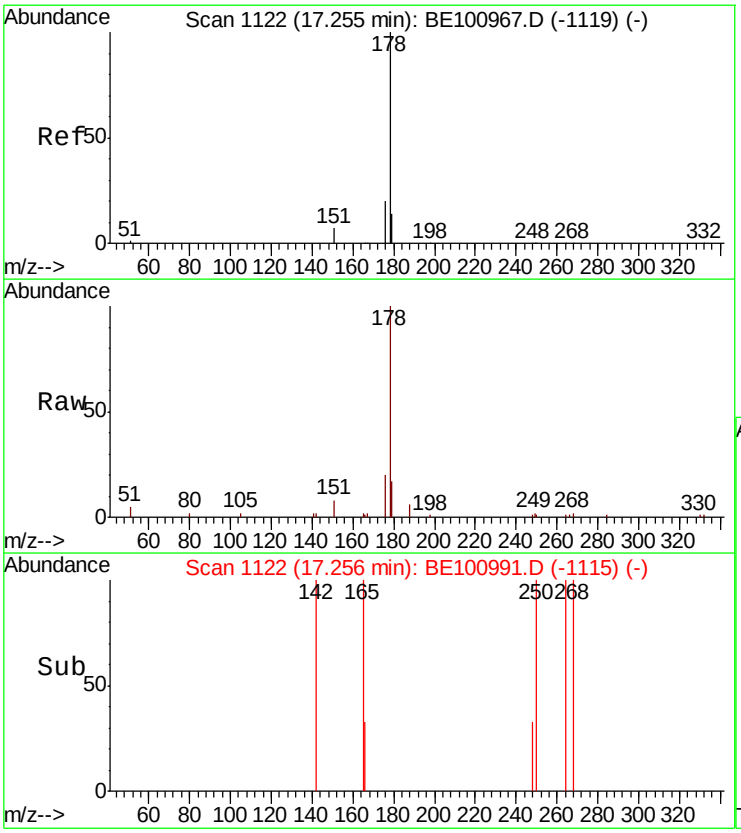
#23
Phenanthrene
Concen: 0.396 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:178 Resp: 16771

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.1	12.6	18.8

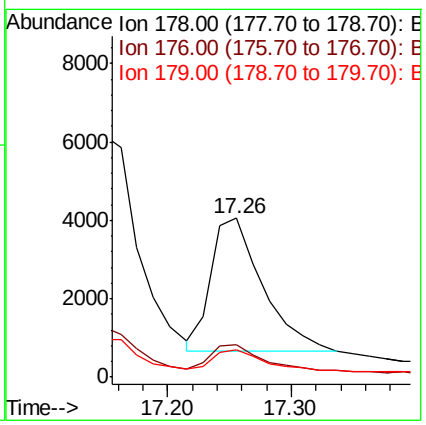


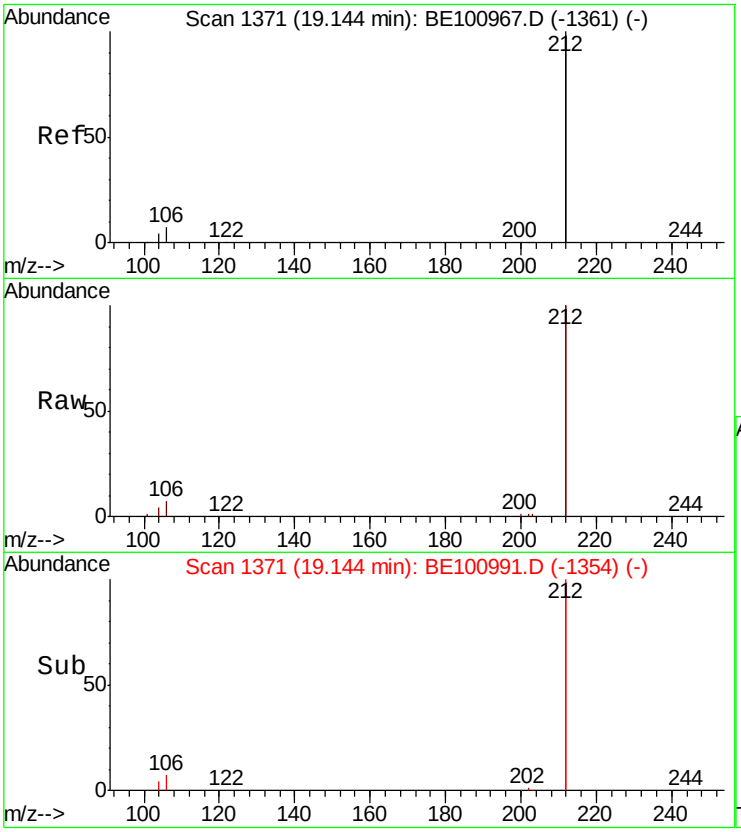


#24
Anthracene
Concen: 0.227 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:178 Resp: 9754

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	14.9	12.5	18.7



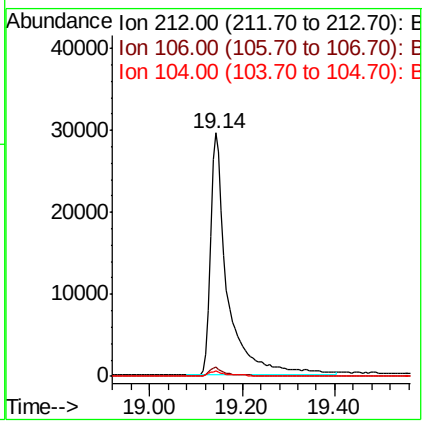


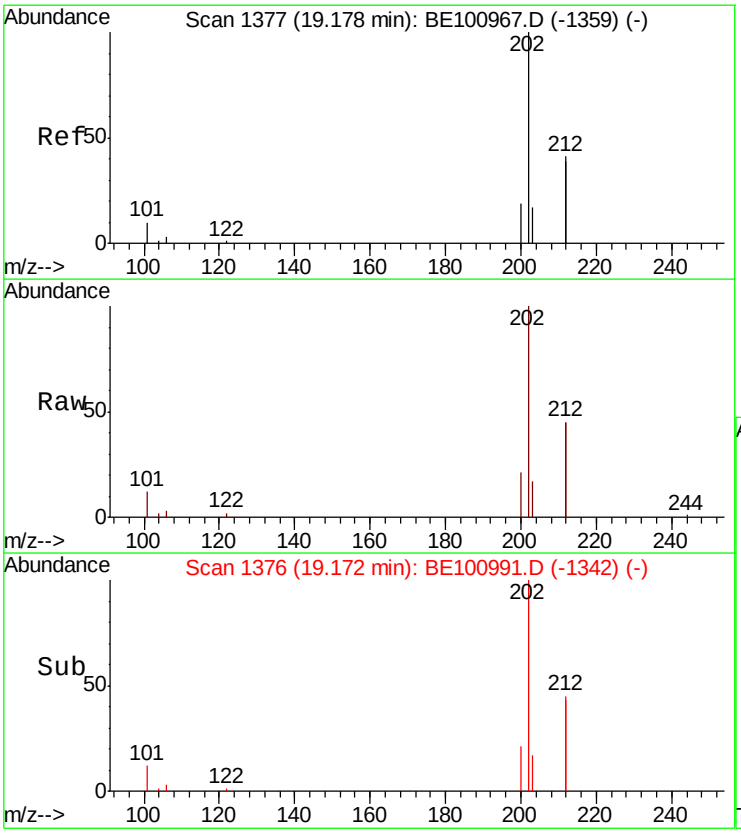
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:212 Resp: 75943

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.7	1.4	2.0

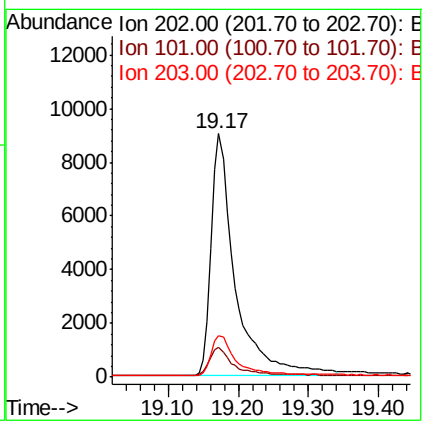


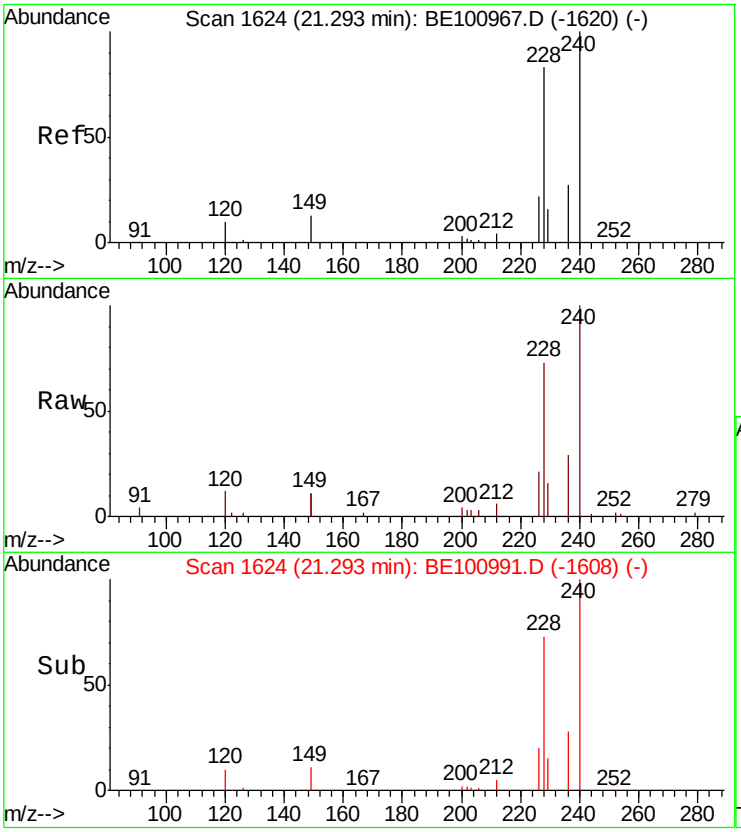


#26
Fluoranthene
Concen: 0.369 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:202 Resp: 21355

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.4
203	16.8	13.2	19.8



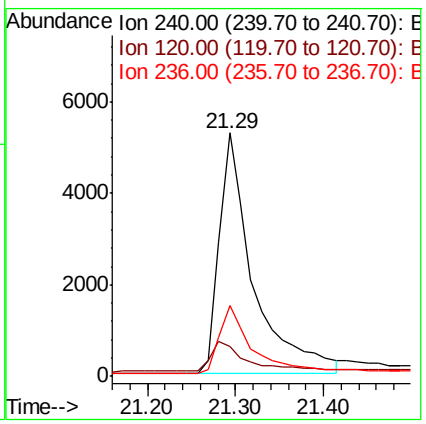


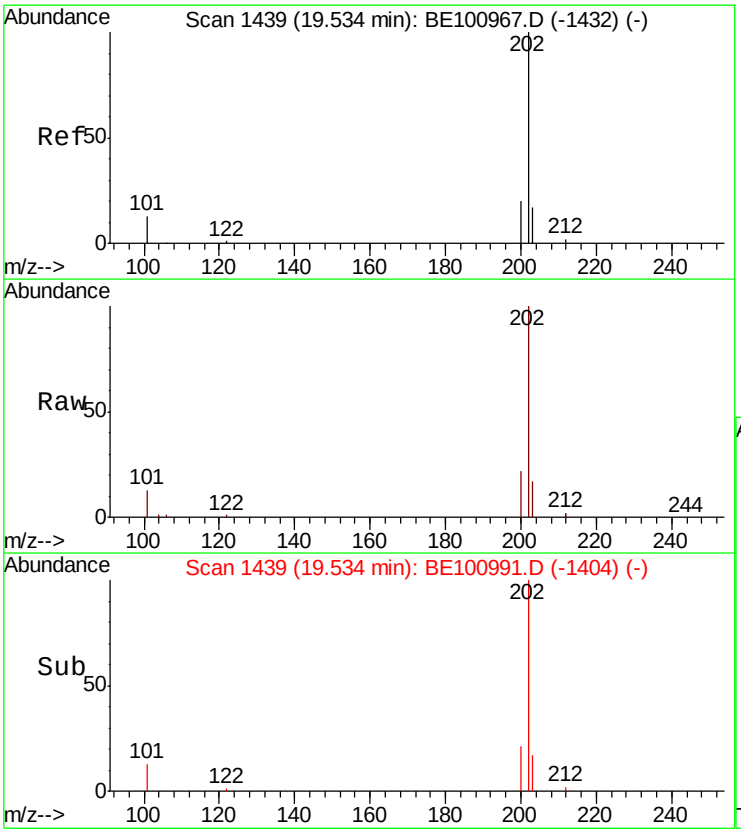
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:240 Resp: 14149

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.2	15.4
236	29.2	22.6	34.0

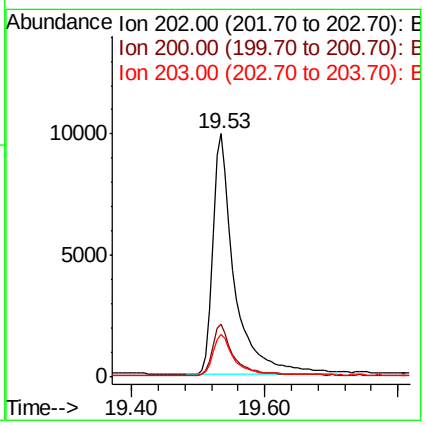


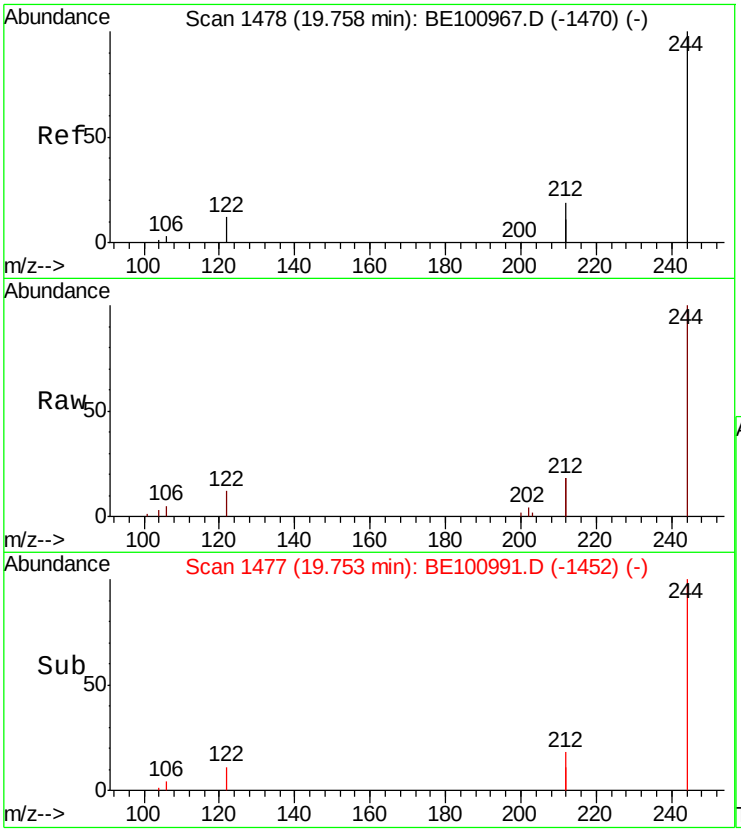


#28
Pyrene
Concen: 0.450 ng
RT: 19.53 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:202 Resp: 22250

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.1	13.8	20.6



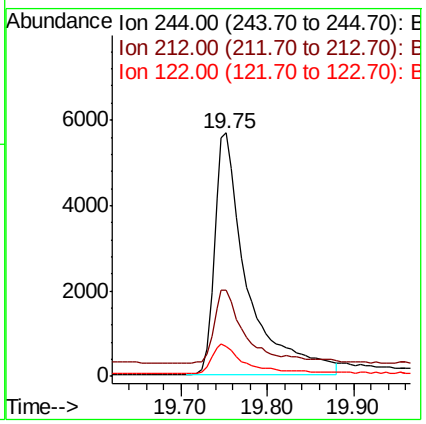


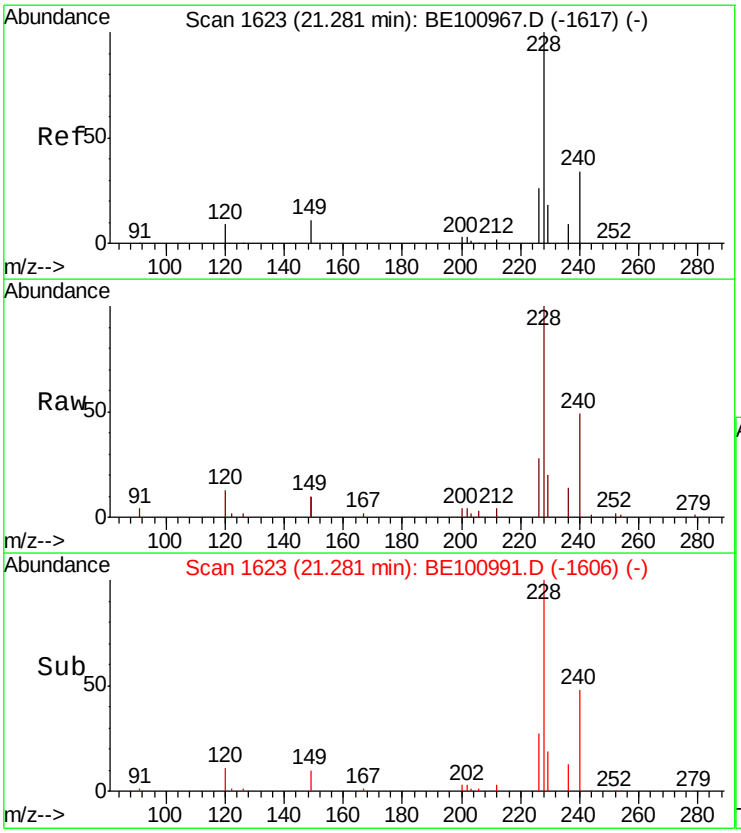
#29
Terphenyl-d14
Concen: 0.456 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:244 Resp: 14817

Ion	Ratio	Lower	Upper
244	100		
212	35.5	29.3	43.9
122	12.3	10.2	15.4

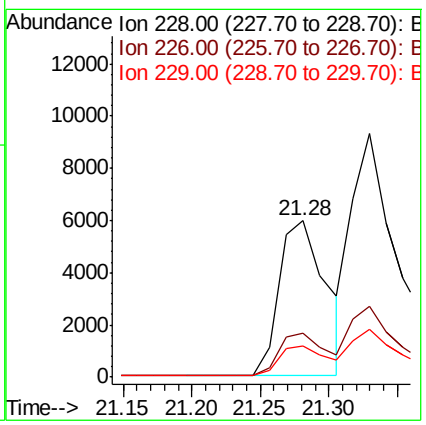


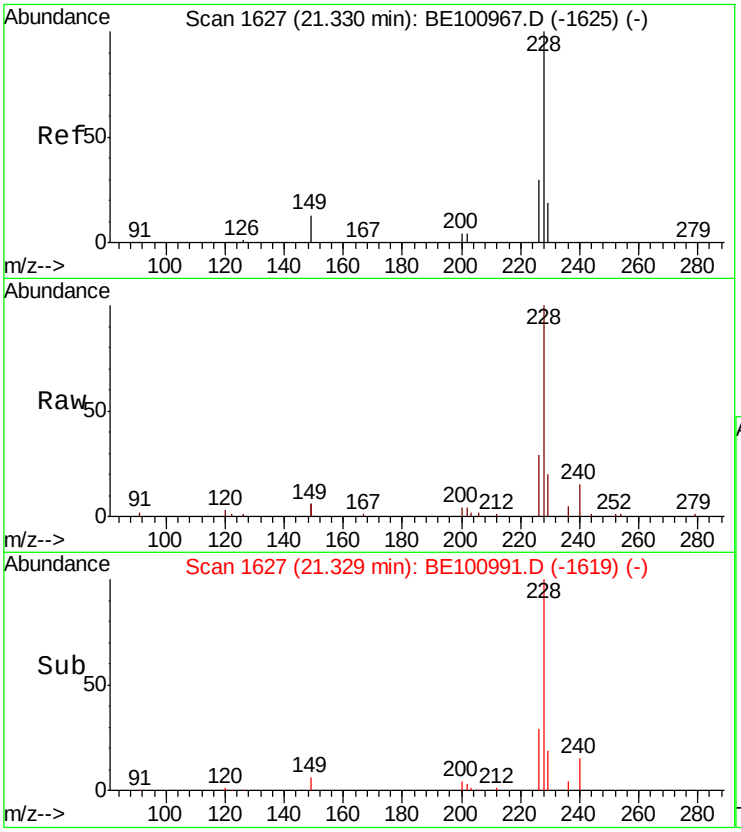


#30
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:228 Resp: 14022

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.1	15.4	23.0



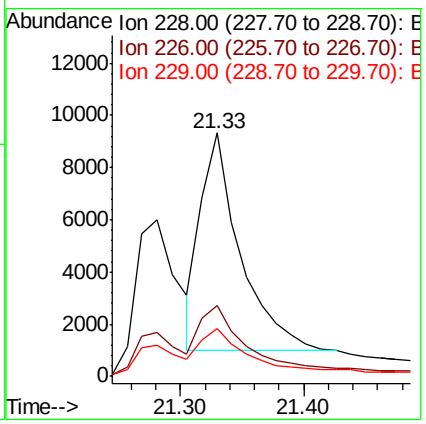


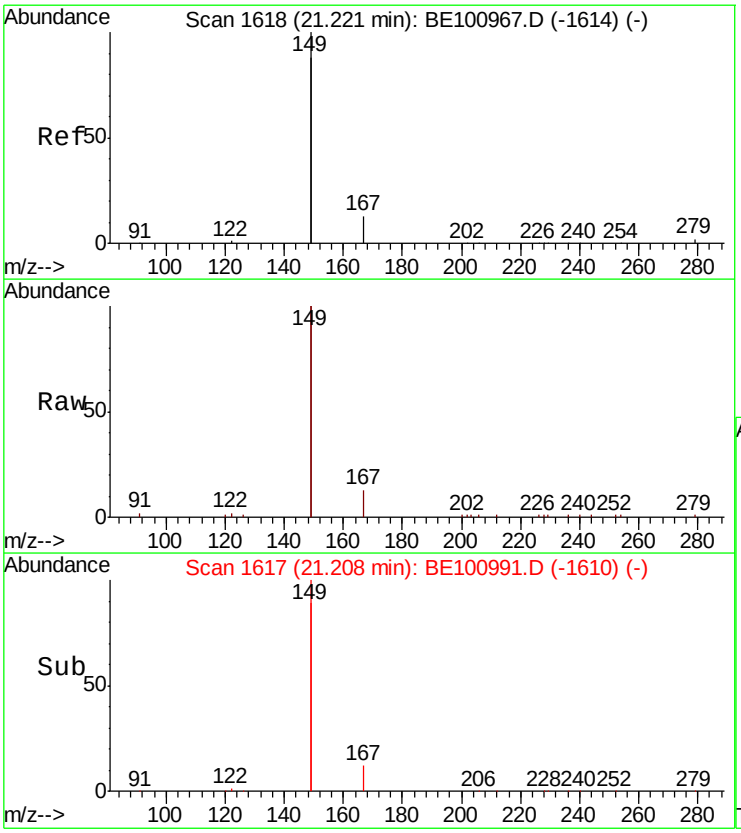
#31
Chrysene
Concen: 0.288 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:228 Resp: 18573

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	19.8	15.7	23.5

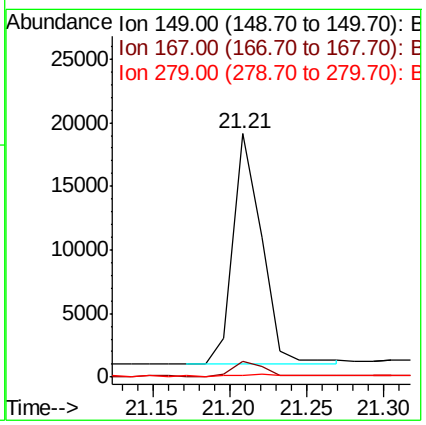


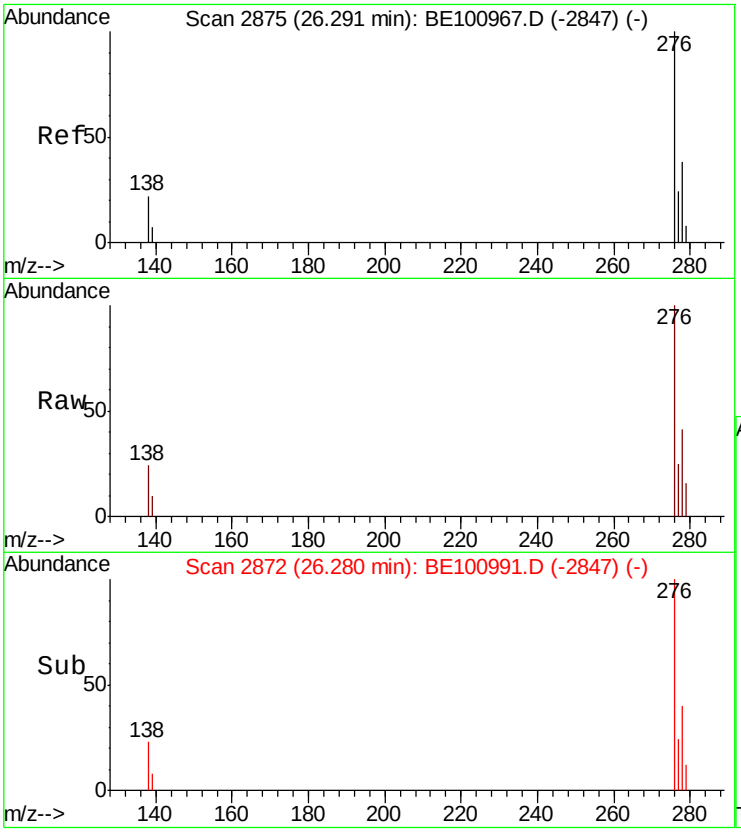


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:149 Resp: 23529

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.1	7.7
279	0.9	0.6	1.0



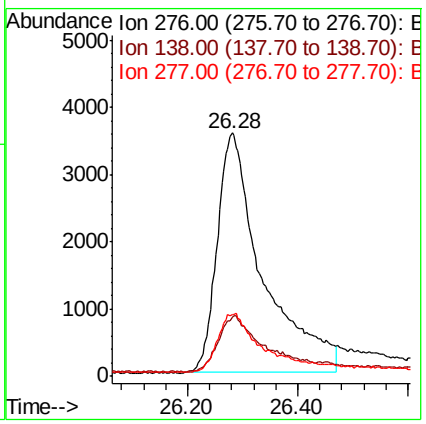


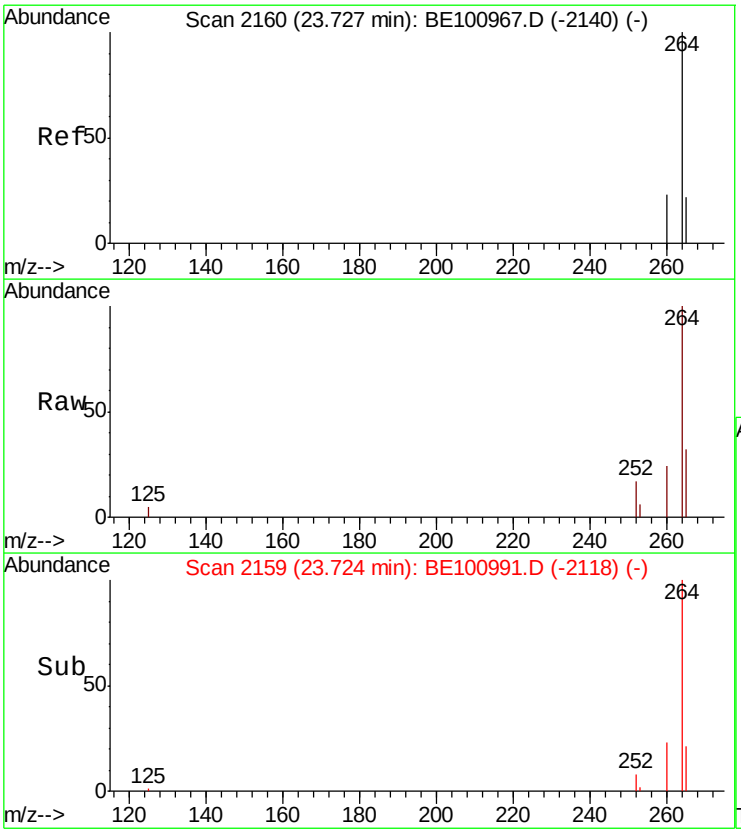
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 26.28 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:276 Resp: 20454

Ion	Ratio	Lower	Upper
276	100		
138	22.4	14.8	22.2#
277	20.3	18.0	27.0

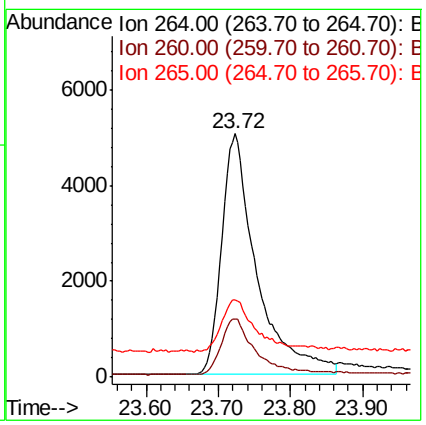


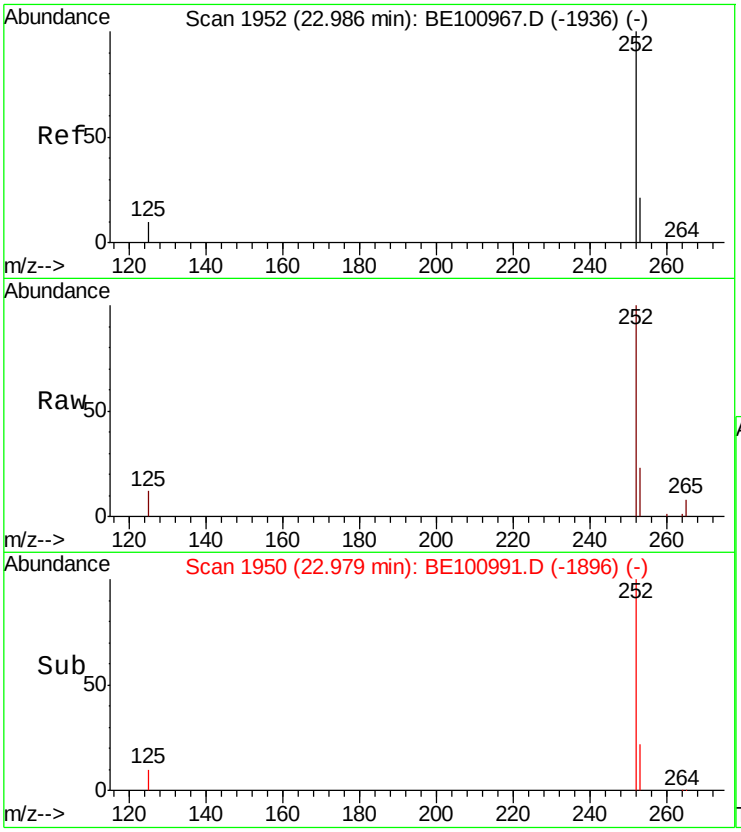


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:264 Resp: 16806

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	31.8	26.6	40.0



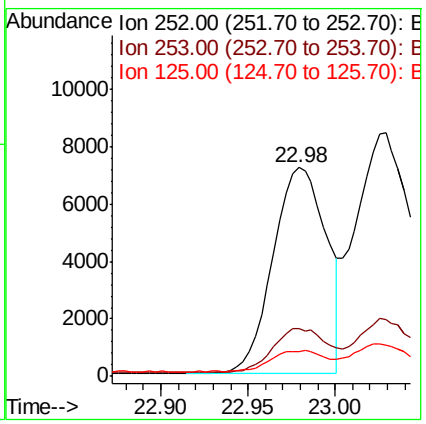


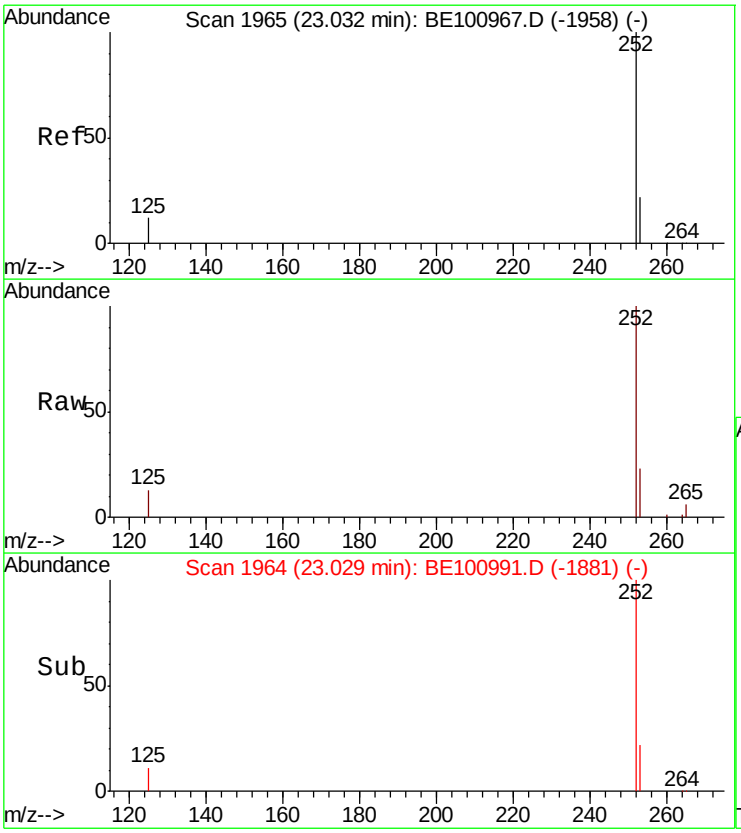
#35
Benzo(b)fluoranthene
Concen: 0.430 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:252 Resp: 15204

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	12.1	9.7	14.5

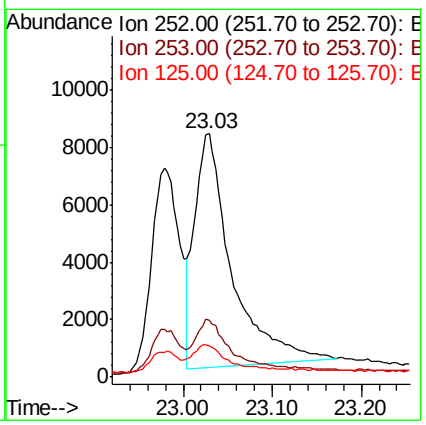


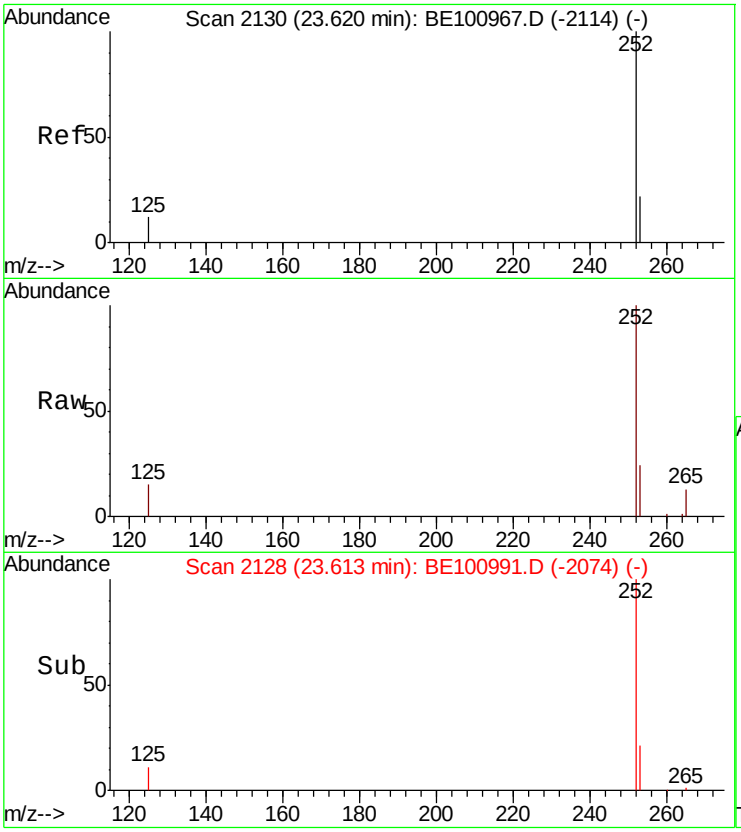


#36
Benzo(k)fluoranthene
Concen: 0.349 ng
RT: 23.03 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:252 Resp: 23427

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	12.7	11.2	16.8



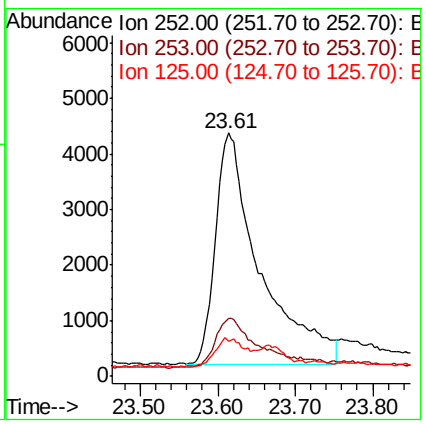


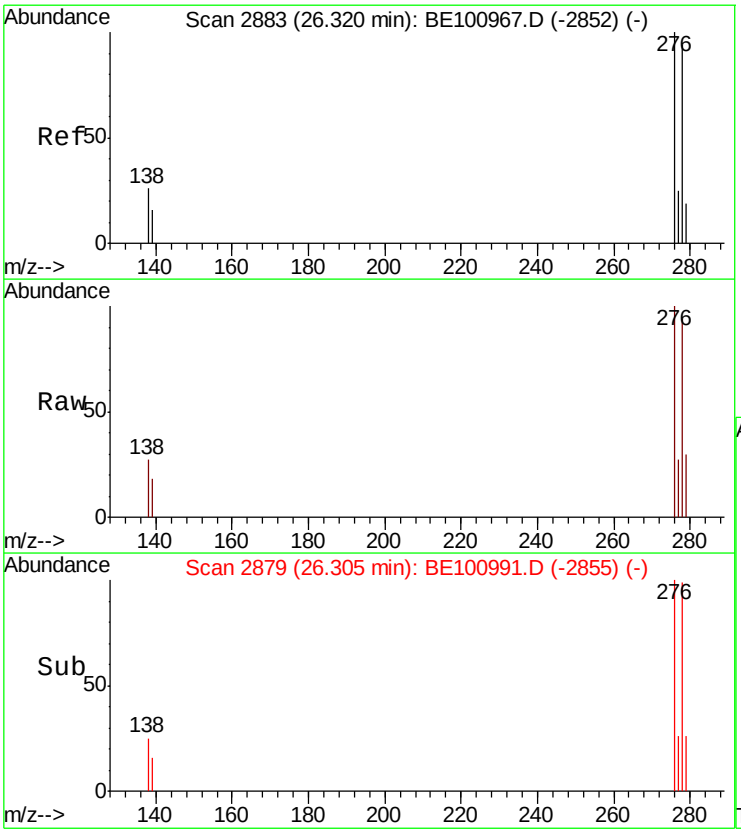
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.61 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:252 Resp: 16654

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.1	30.1
125	14.5	12.6	18.8

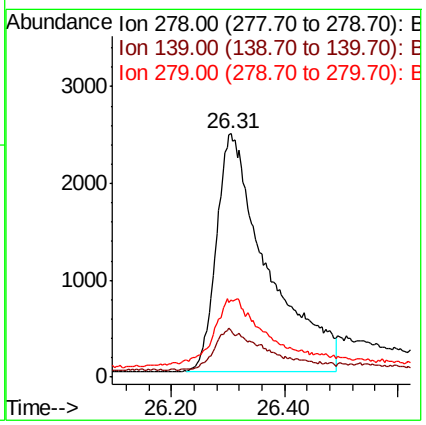


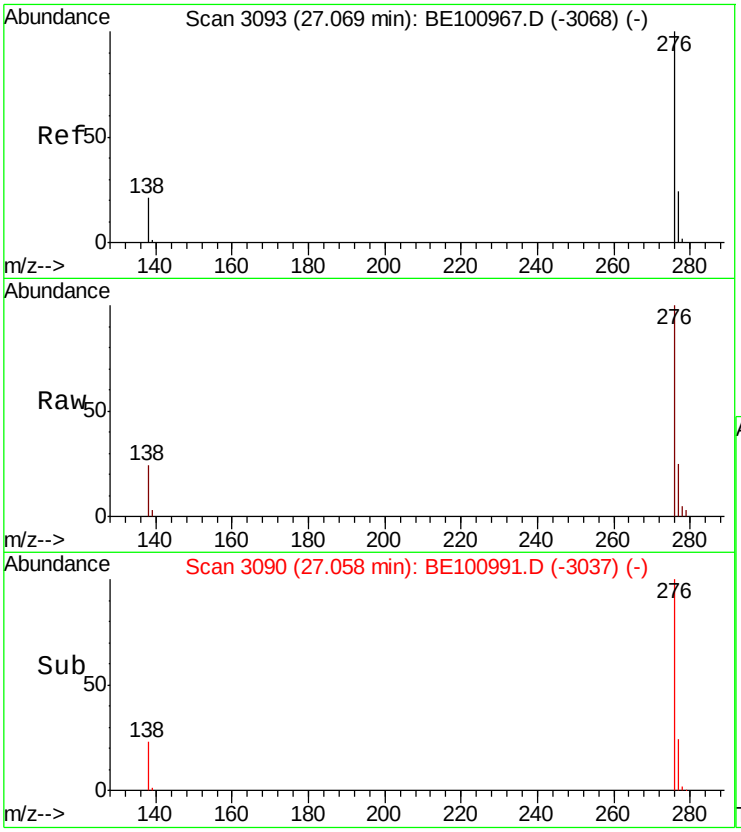


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 26.31 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:278 Resp: 15342

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.4	24.6
279	31.8	19.3	28.9#





#39
Benzo(g,h,i)perylene
Concen: 0.445 ng
RT: 27.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tgt Ion:276 Resp: 19636

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.0	30.0
138	24.1	18.6	27.8