Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100842.D
Acq On : 11 Dec 2019 10:59
Operator : JU
Sample : PB125330BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB125330BS

Quant Time: Dec 11 11:44:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5625	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	23055	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	10724	0.40	ng		-0.01
19) Phenanthrene-d10	17.12	188	22557	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	23792	0.40	ng		0.00
34) Perylene-d12	23.75	264	26116	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	5721	0.43	ng		0.00
5) Phenol-d6	6.93	99	9064	0.45	ng		0.00
8) Nitrobenzene-d5	8.90	82	5465	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	13190	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	738	0.62	ng		0.00
15) 2-Fluorobiphenyl	13.02	172	16291	0.38	ng		-0.01
25) Fluoranthene-d10	19.16	212	91388	0.34	ng		0.00
29) Terphenyl-d14	19.76	244	19239	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	2765	0.270	ng	#	53
3) n-Nitrosodimethylamine	3.65	42	2947	0.353	ng		87
6) bis(2-Chloroethyl)ether	7.18	93	6827	0.351	ng		100
9) Naphthalene	10.59	128	87408	0.357	ng		100
10) Hexachlorobutadiene	10.89	225	3246	0.340	ng		95
12) 2-Methylnaphthalene	12.21	142	12992	0.340	ng		97
16) Acenaphthylene	14.11	152	15902	0.358	ng		100
17) Acenaphthene	14.46	154	10701	0.350	ng		98
18) Fluorene	15.42	166	12957	0.329	ng		98
20) 4-Bromophenyl-phenylether	16.32	248	3515	0.318	ng	#	75
21) Hexachlorobenzene	16.44	284	3791	0.315	ng		96
22) Pentachlorophenol	16.79	266	1021	1.228	ng	#	82
23) Phenanthrene	17.16	178	23092	0.338	ng		100
24) Anthracene	17.26	178	18362	0.321	ng		99
26) Fluoranthene	19.18	202	26761	0.328	ng		99
28) Pyrene	19.55	202	27063	0.350	ng		100
30) Benzo(a)anthracene	21.28	228	27351	0.390	ng		97
31) Chrysene	21.34	228	29759	0.361	ng		98
32) Bis(2-ethylhexyl)phthalate	21.23	149	26312	0.533	ng		100
33) Indeno(1,2,3-cd)pyrene	26.32	276	28326	0.395	ng		100
35) Benzo(b)fluoranthene	23.00	252	27422	0.384	ng		100
36) Benzo(k)fluoranthene	23.05	252	30051	0.375	ng		99
37) Benzo(a)pyrene	23.63	252	24381	0.394	ng		98
38) Dibenzo(a,h)anthracene	26.35	278	23756	0.386	ng		99
39) Benzo(g,h,i)perylene	27.10	276	26127	0.397	ng		99

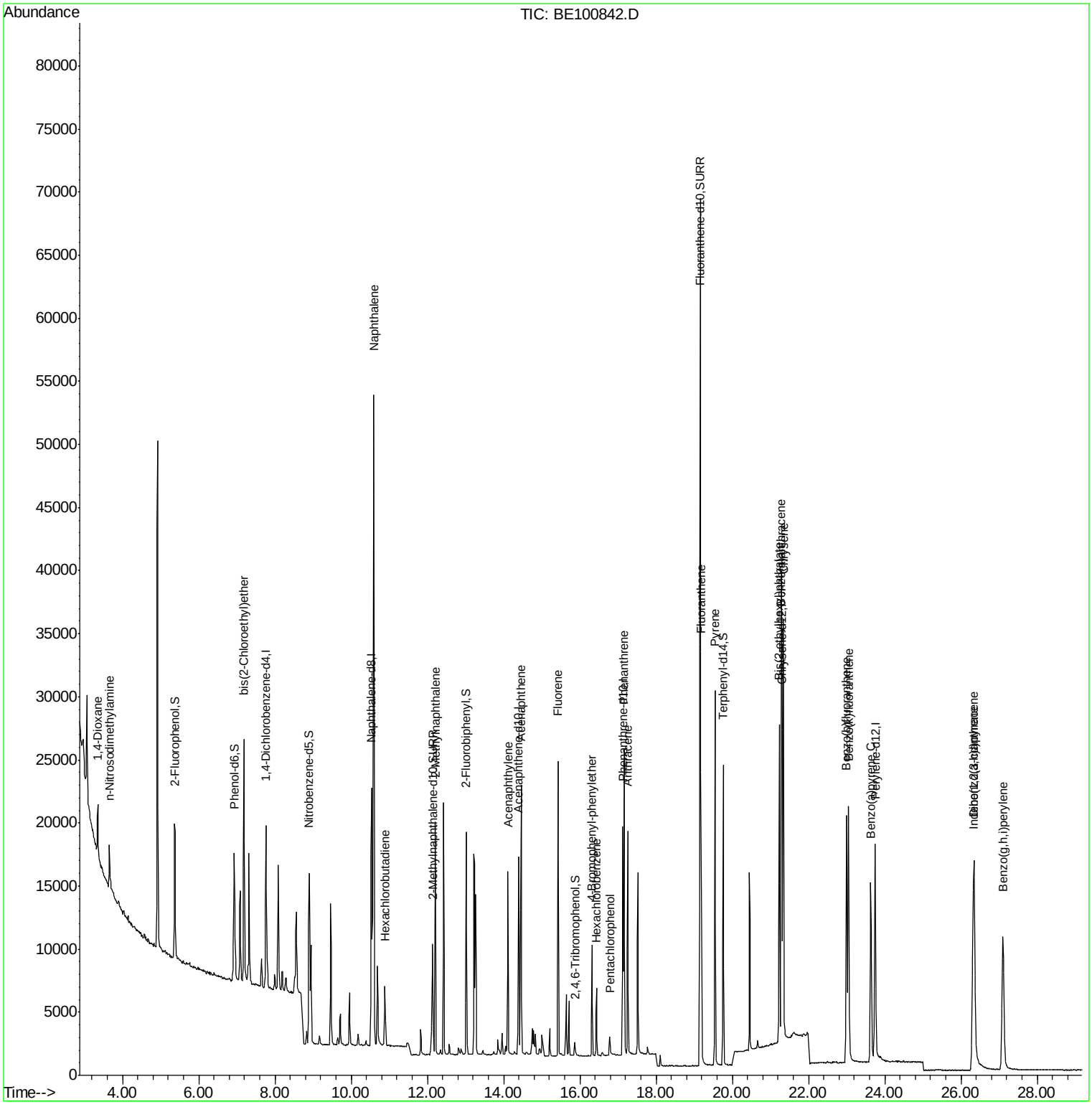
(#) = qualifier out of range (m) = manual integration (+) = signals summed

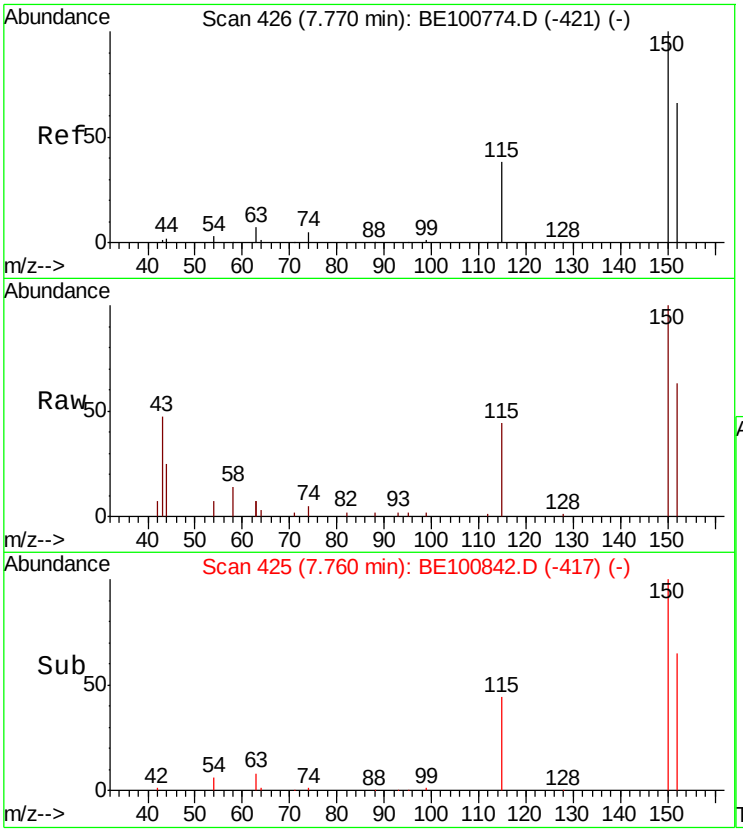
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100842.D
Acq On : 11 Dec 2019 10:59
Operator : JU
Sample : PB125330BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Quant Time: Dec 11 11:44:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



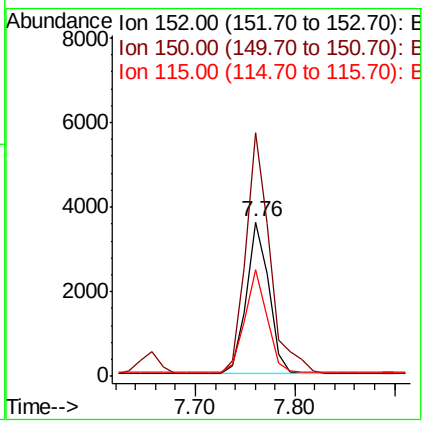


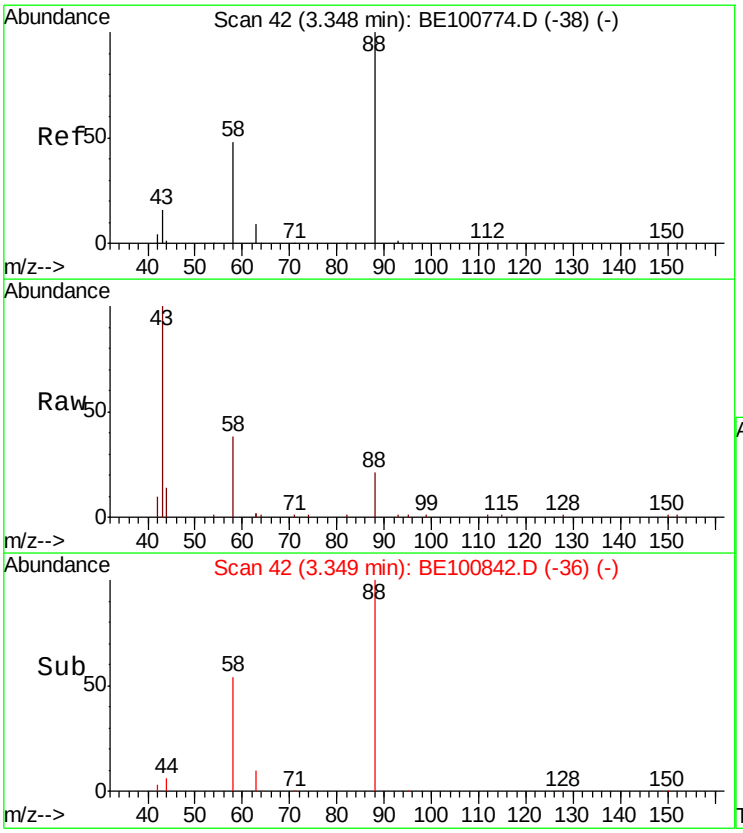
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:152 Resp: 5625

Ion	Ratio	Lower	Upper
152	100		
150	157.6	120.6	181.0
115	69.2	47.4	71.2

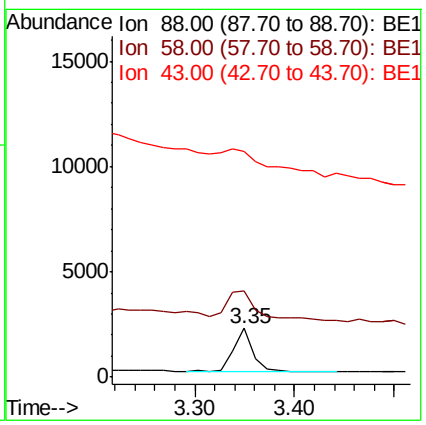


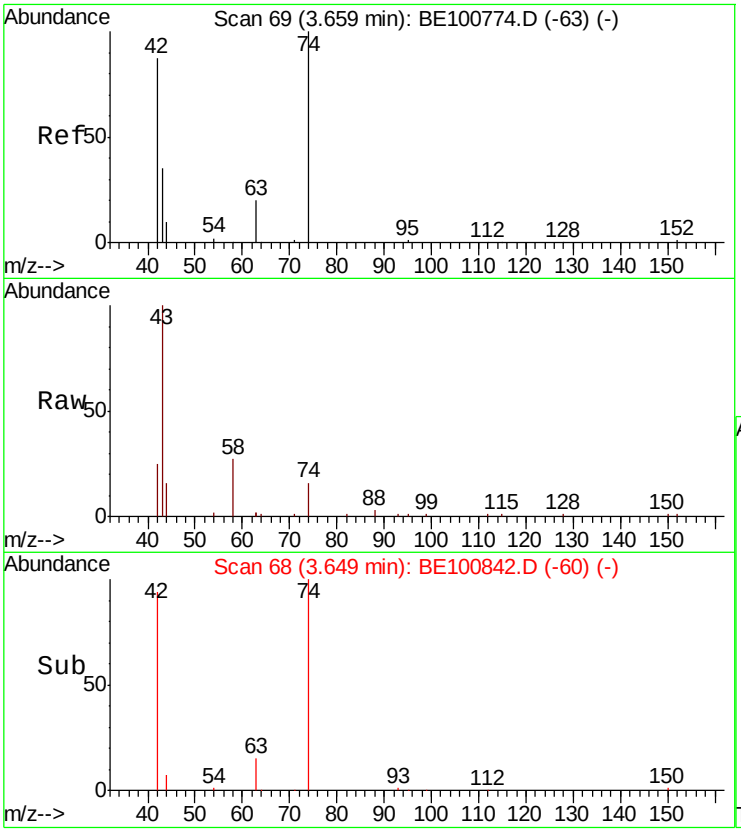


#2
1,4-Dioxane
Concen: 0.270 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion: 88 Resp: 2765

Ion	Ratio	Lower	Upper
88	100		
58	99.9	52.5	78.7#
43	0.0	23.0	34.6#



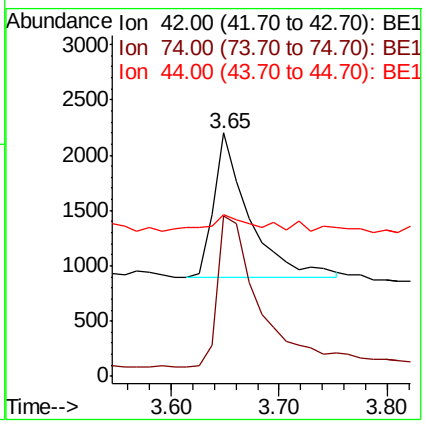


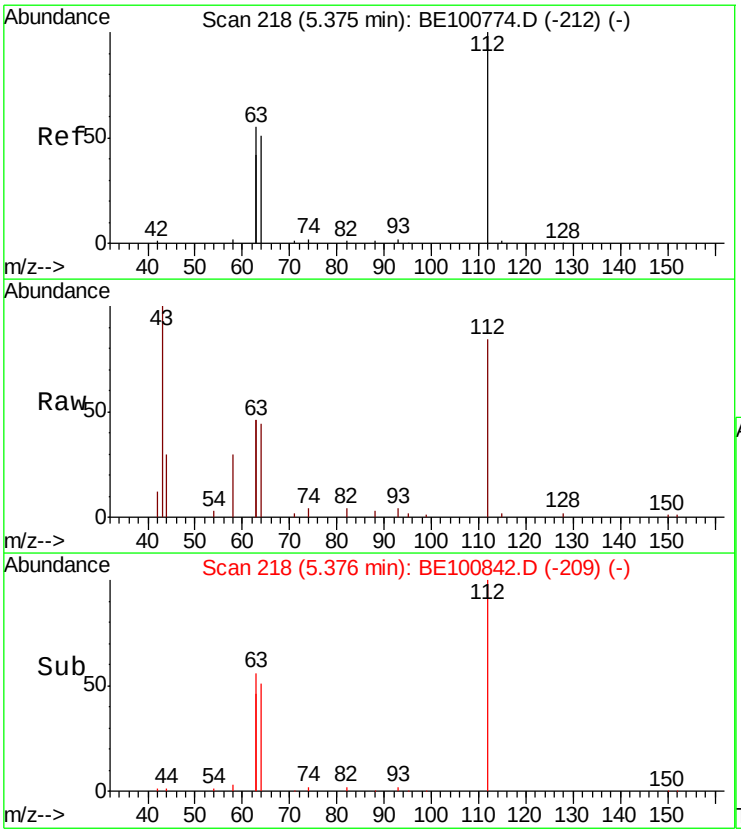
#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion: 42 Resp: 2947

Ion	Ratio	Lower	Upper
42	100		
74	122.4	86.3	129.5
44	12.0	11.6	17.4

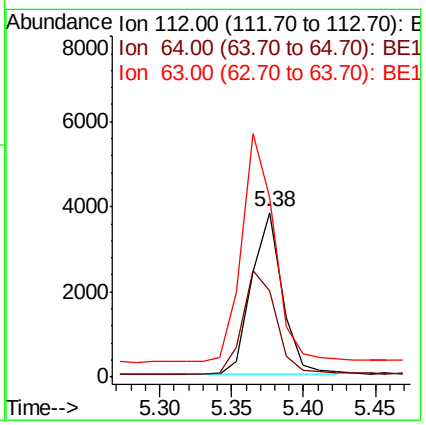


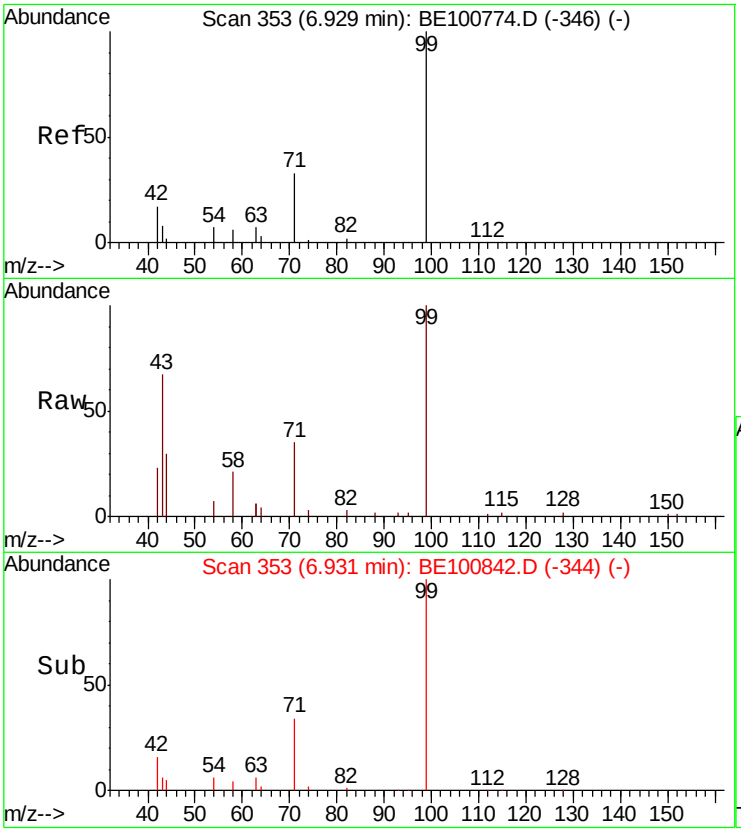


#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:112 Resp: 5721

Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.1	81.1
63	146.0	113.2	169.8



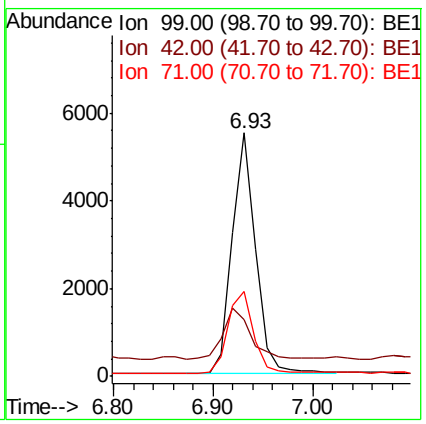


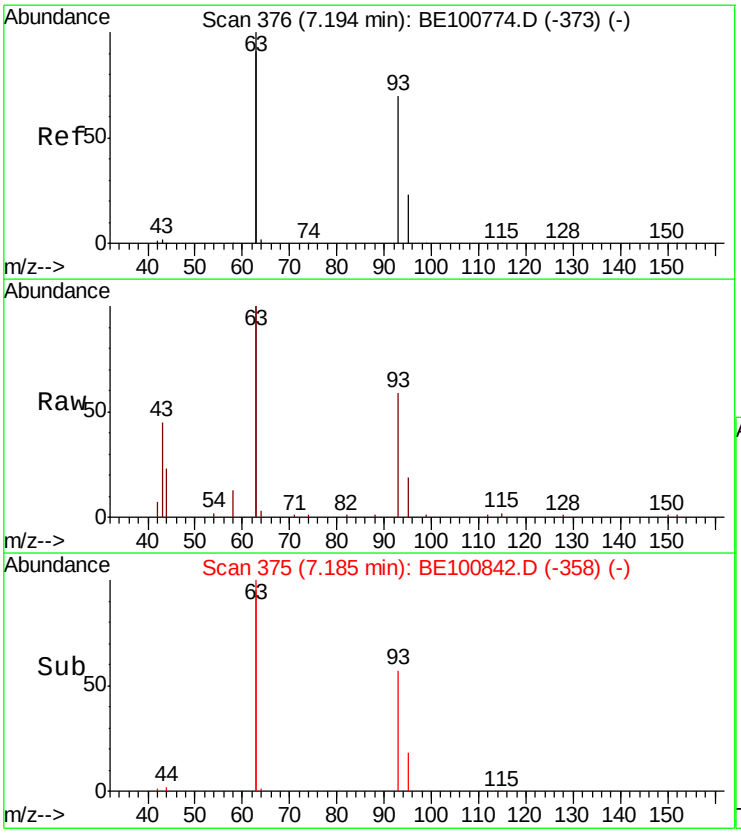
#5
Phenol-d6
Concen: 0.450 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion: 99 Resp: 9064

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.1	28.7
71	37.1	27.7	41.5

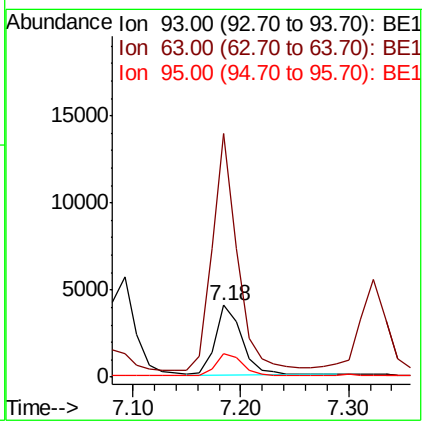


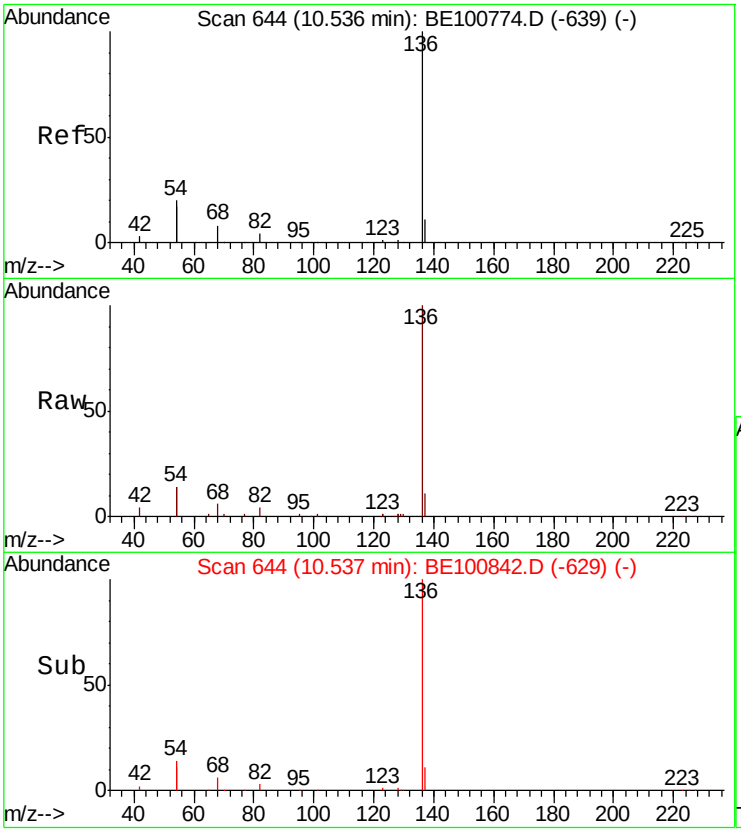


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion: 93 Resp: 6827

Ion	Ratio	Lower	Upper
93	100		
63	324.0	259.4	389.0
95	32.4	26.2	39.2



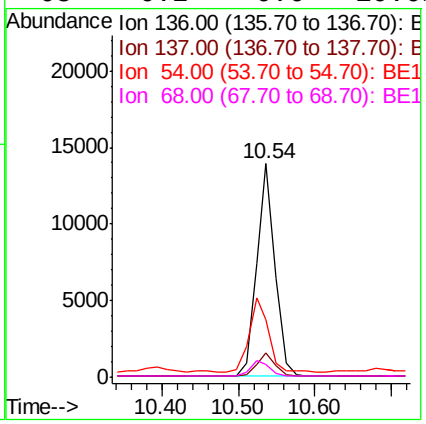


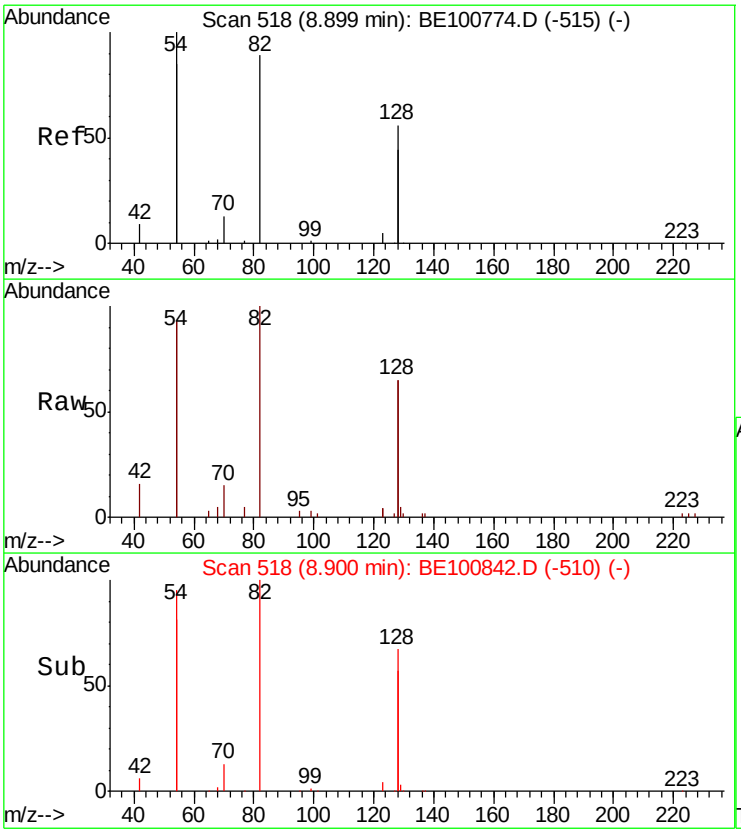
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:136 Resp: 23055

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	27.0	31.1	46.7#
68	6.2	6.6	10.0#

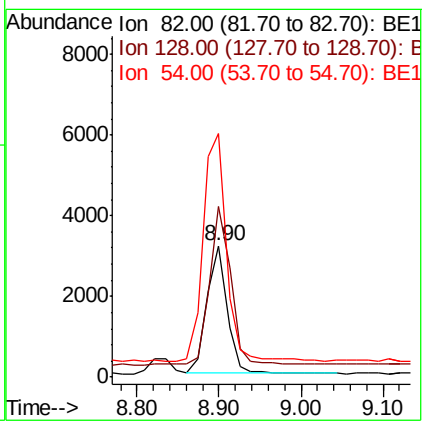


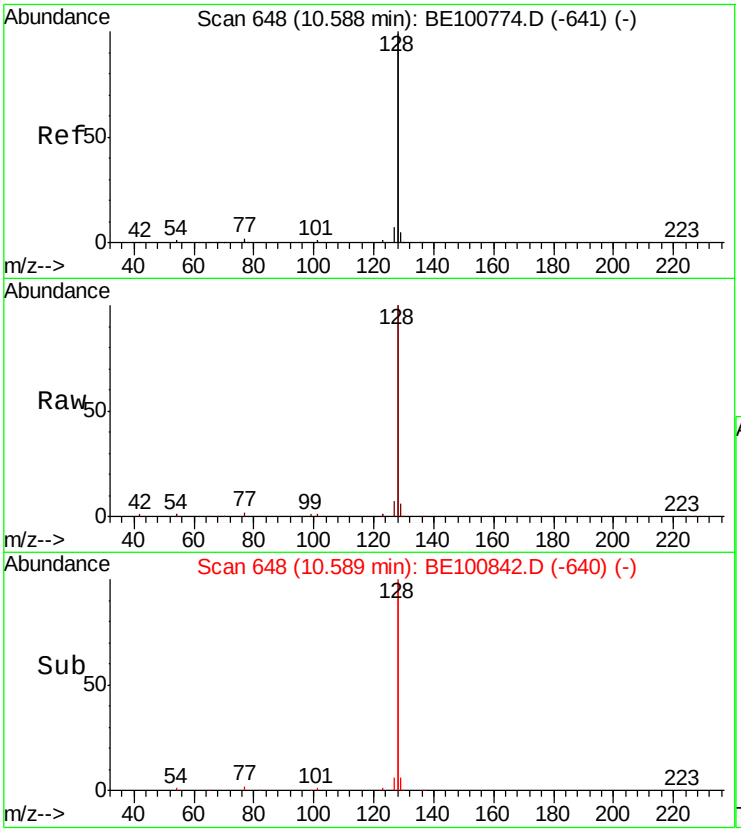


#8
Nitrobenzene-d5
Concen: 0.498 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion: 82 Resp: 5465

Ion	Ratio	Lower	Upper
82	100		
128	130.0	97.0	145.4
54	185.2	171.8	257.6



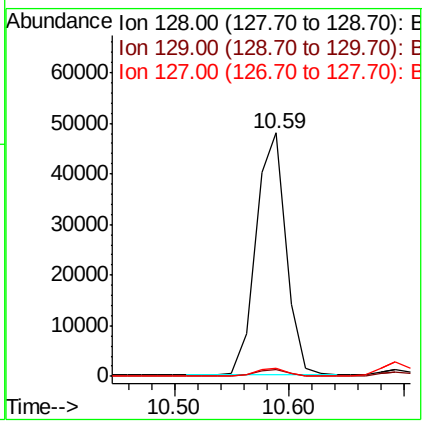


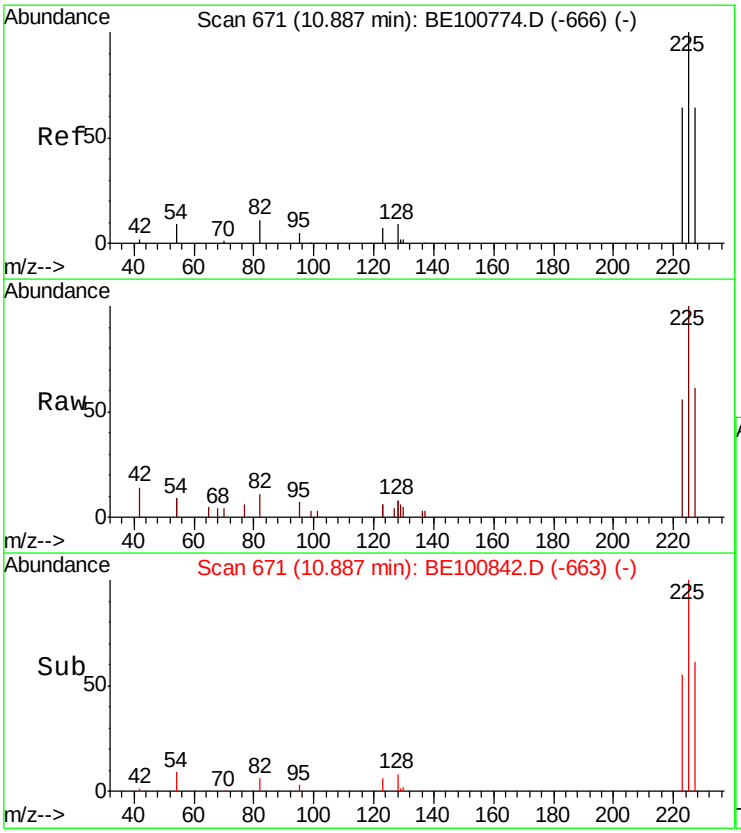
#9
Naphthalene
Concen: 0.357 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:128 Resp: 87408

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.3	2.7	4.1

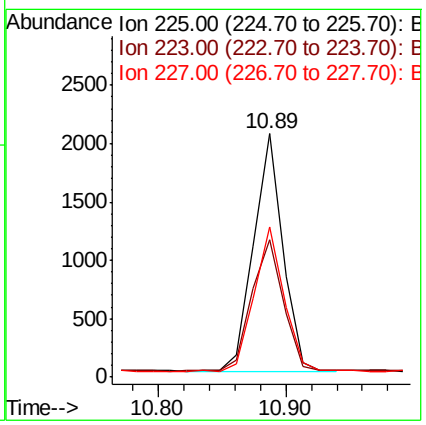


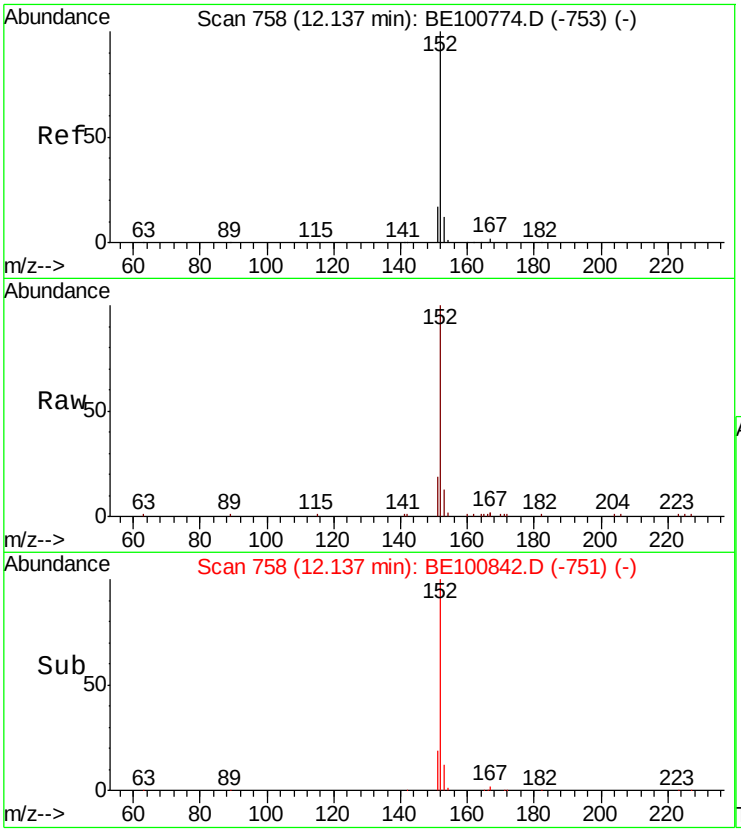


#10
Hexachlorobutadiene
Concen: 0.340 ng
RT: 10.89 min Scan# 671
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:225 Resp: 3246

Ion	Ratio	Lower	Upper
225	100		
223	59.5	49.9	74.9
227	60.7	52.2	78.4



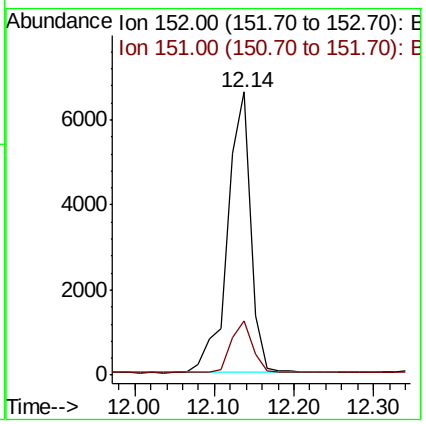


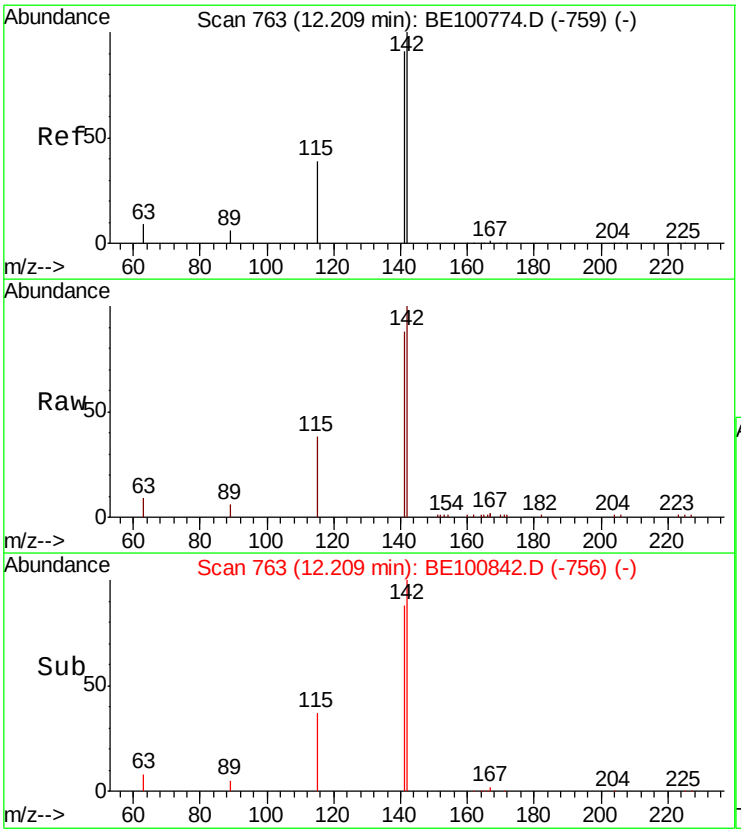
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:152 Resp: 13190

Ion	Ratio	Lower	Upper
152	100		
151	17.6	15.8	23.8

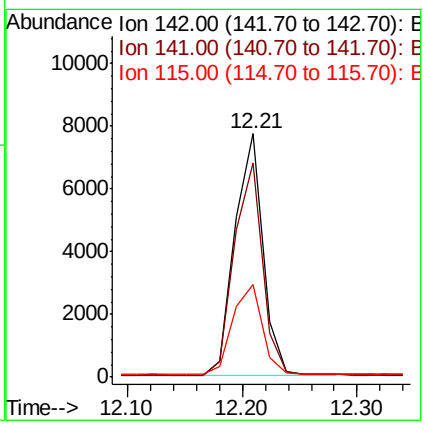


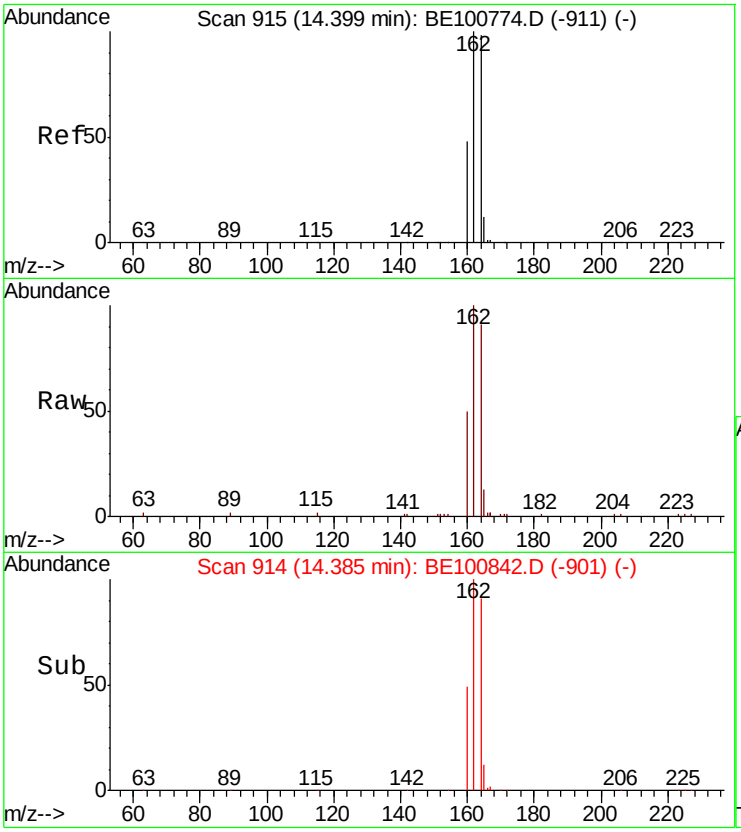


#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:142 Resp: 12992

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8
115	38.2	31.8	47.6



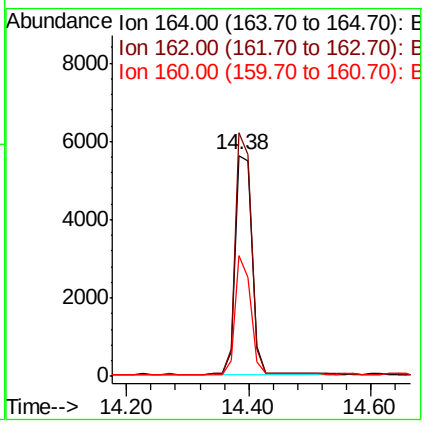


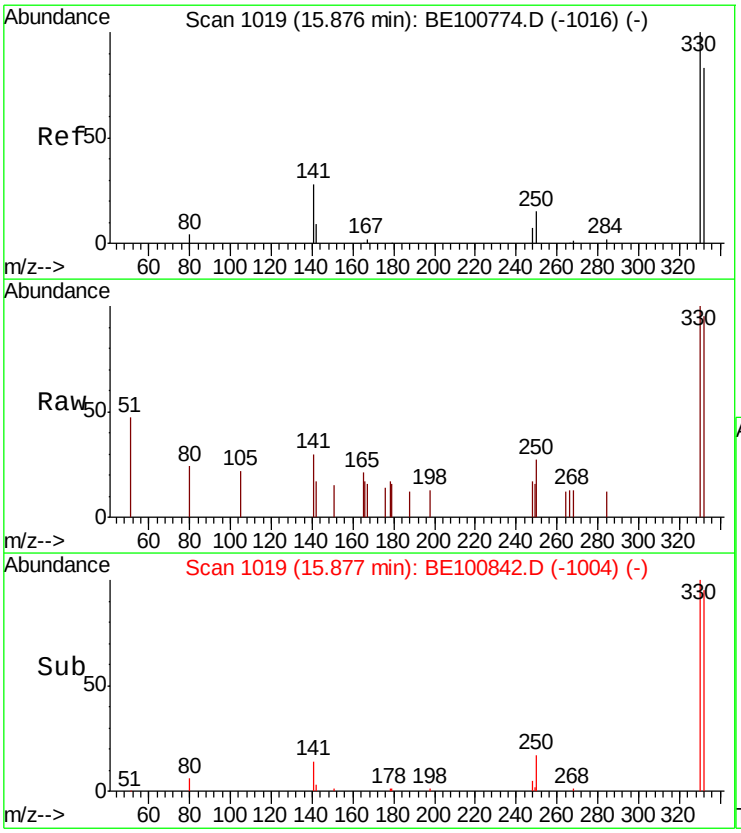
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:164 Resp: 10724

Ion	Ratio	Lower	Upper
164	100		
162	110.3	81.4	122.0
160	54.7	39.4	59.0

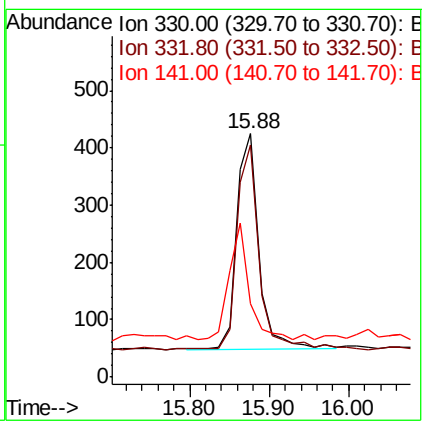


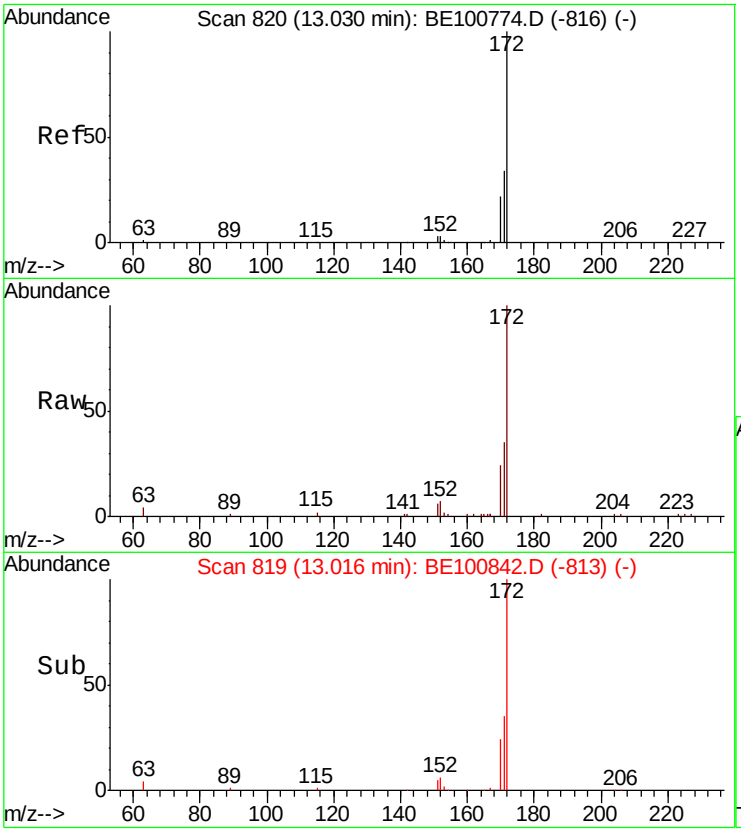


#14
2,4,6-Tribromophenol
Concen: 0.619 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:330 Resp: 738

Ion	Ratio	Lower	Upper
330	100		
332	91.6	69.4	104.2
141	48.6	51.1	76.7#



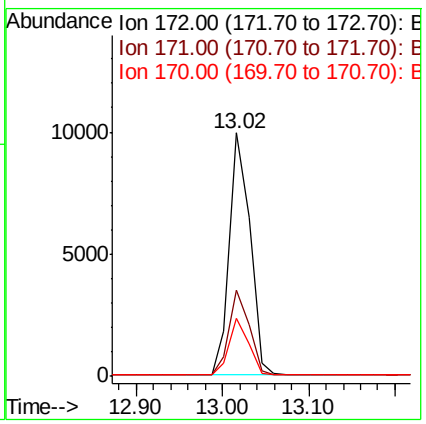


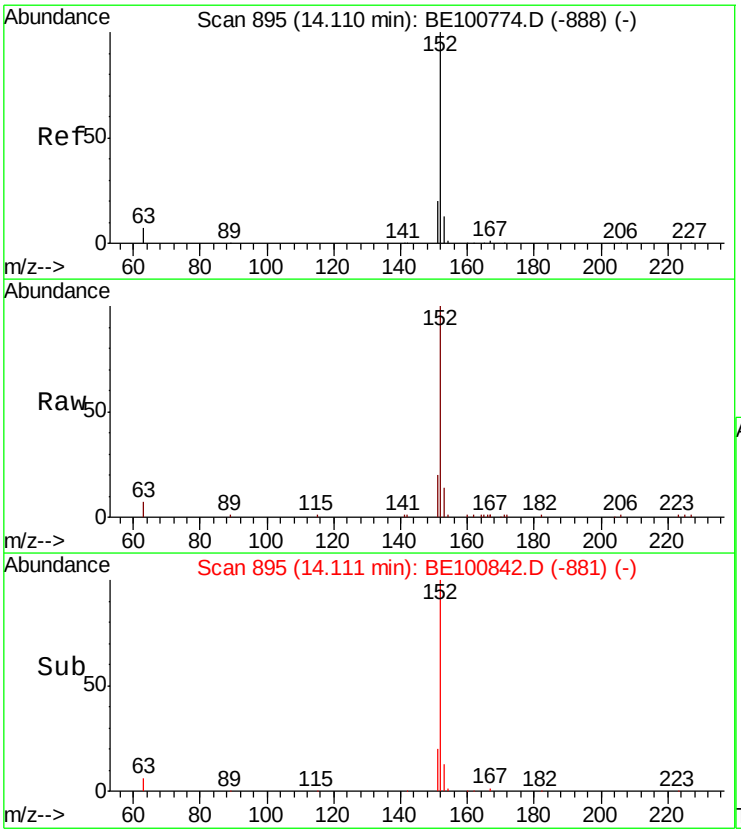
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:172 Resp: 16291

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.2	40.8
170	24.0	18.0	27.0

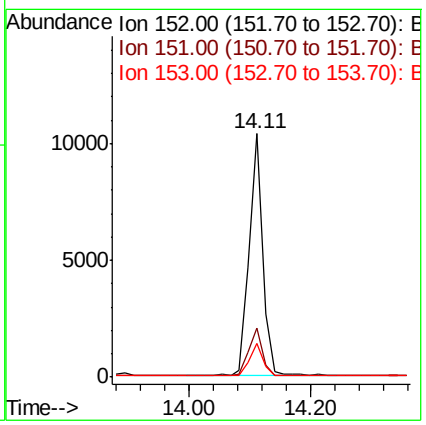


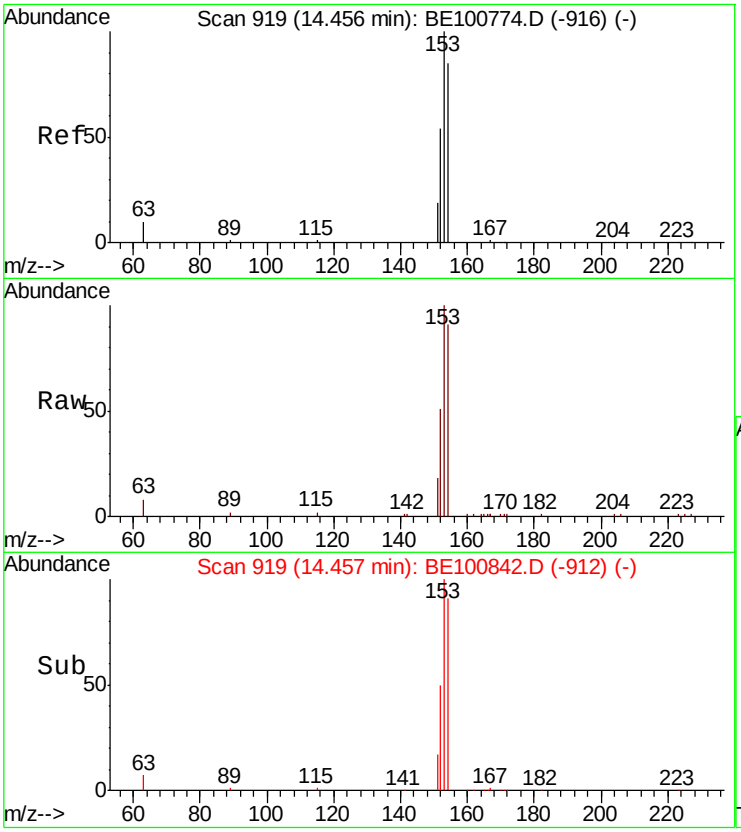


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:152 Resp: 15902

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6



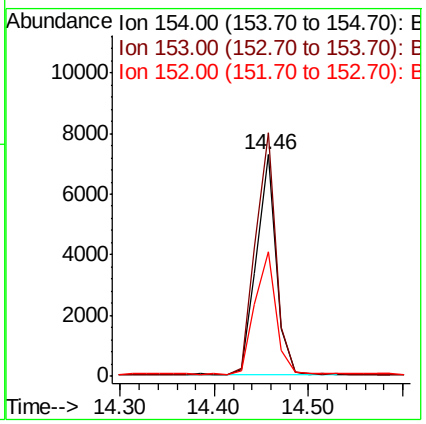


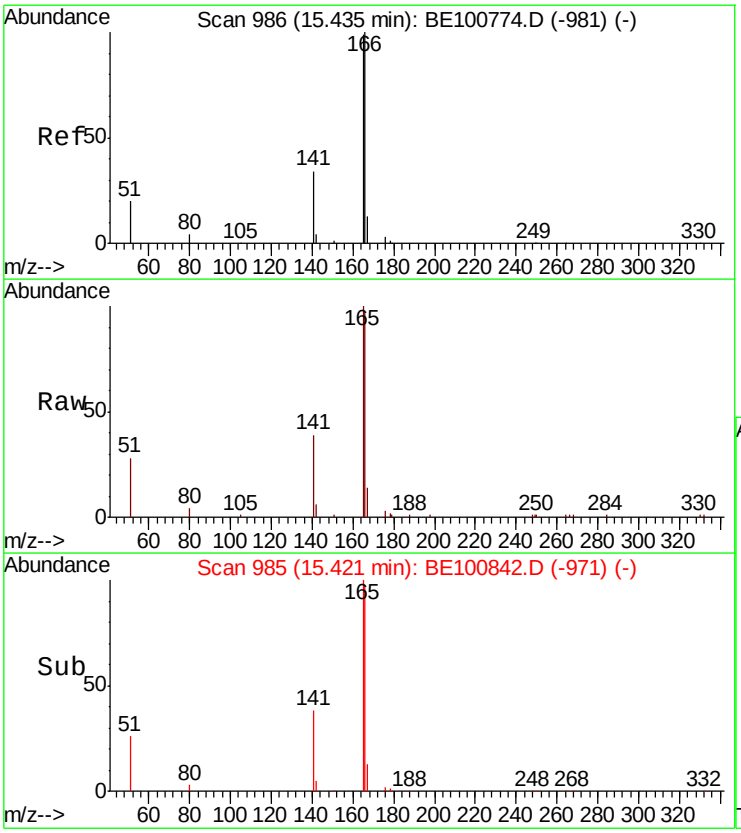
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:154 Resp: 10701

Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.2	138.2
152	59.1	49.1	73.7

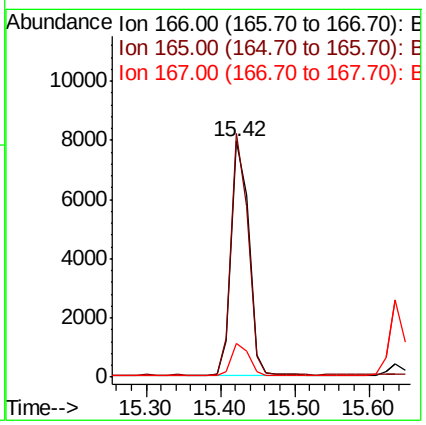


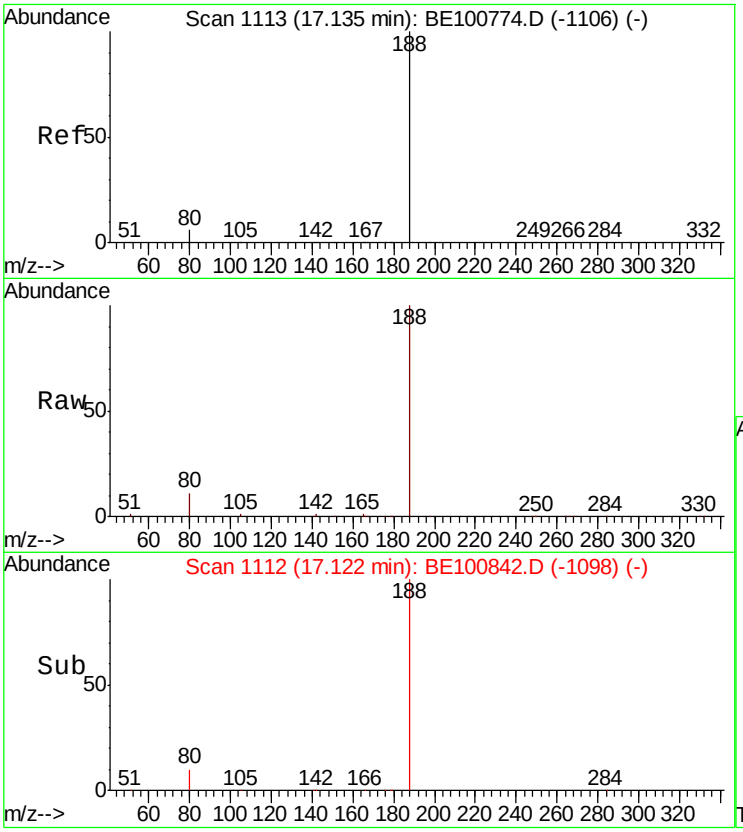


#18
Fluorene
Concen: 0.329 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:166 Resp: 12957

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.5	120.7
167	13.5	10.7	16.1



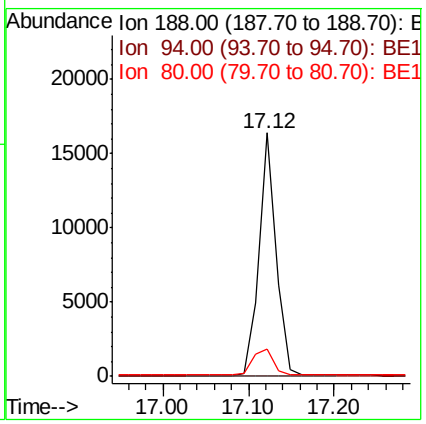


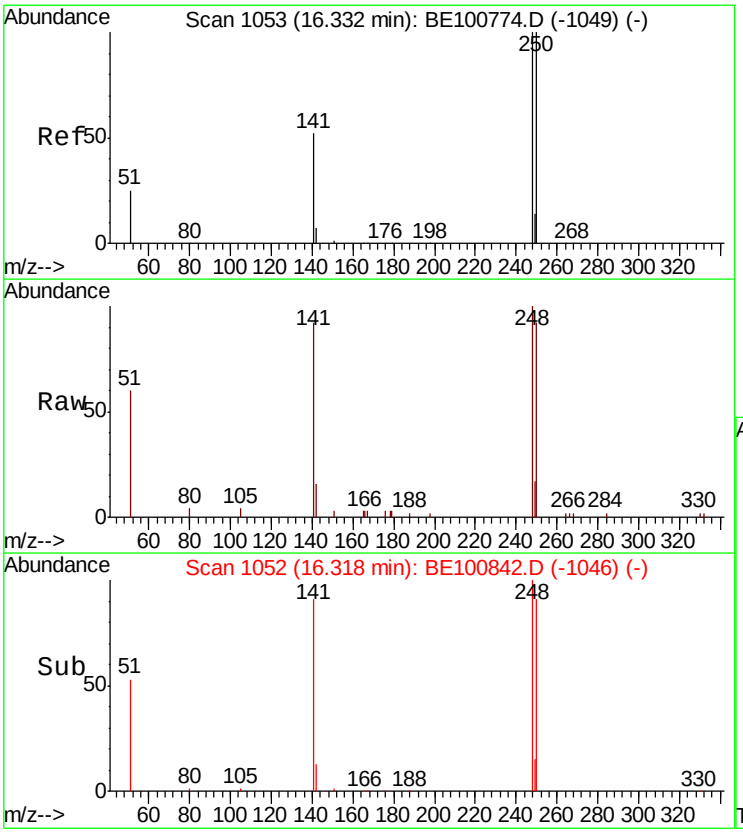
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:188 Resp: 22557

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	5.2	7.8#

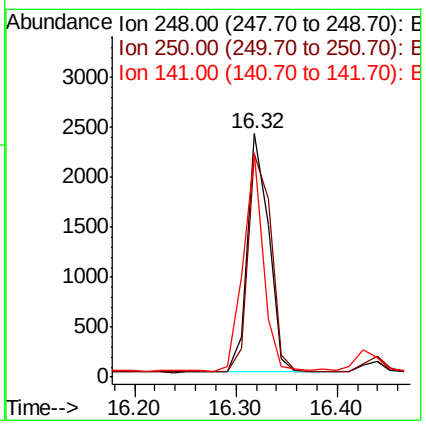


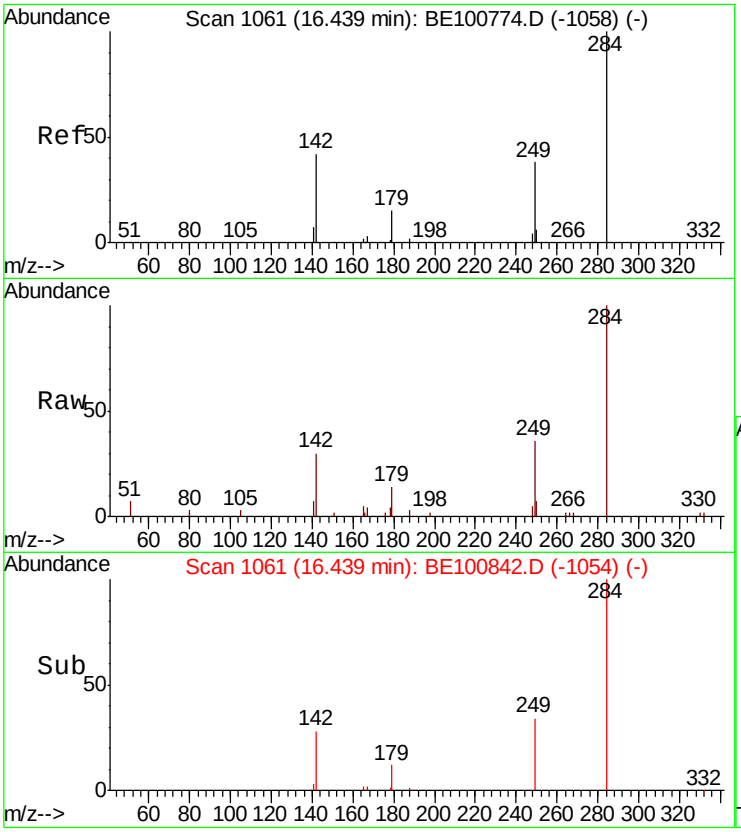


#20
4-Bromophenyl-phenylether
Concen: 0.318 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:248 Resp: 3515

Ion	Ratio	Lower	Upper
248	100		
250	91.6	80.5	120.7
141	92.2	42.6	64.0#



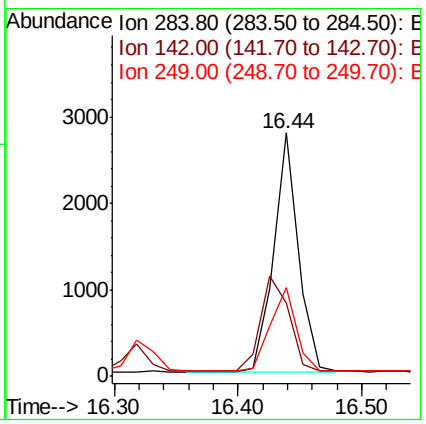


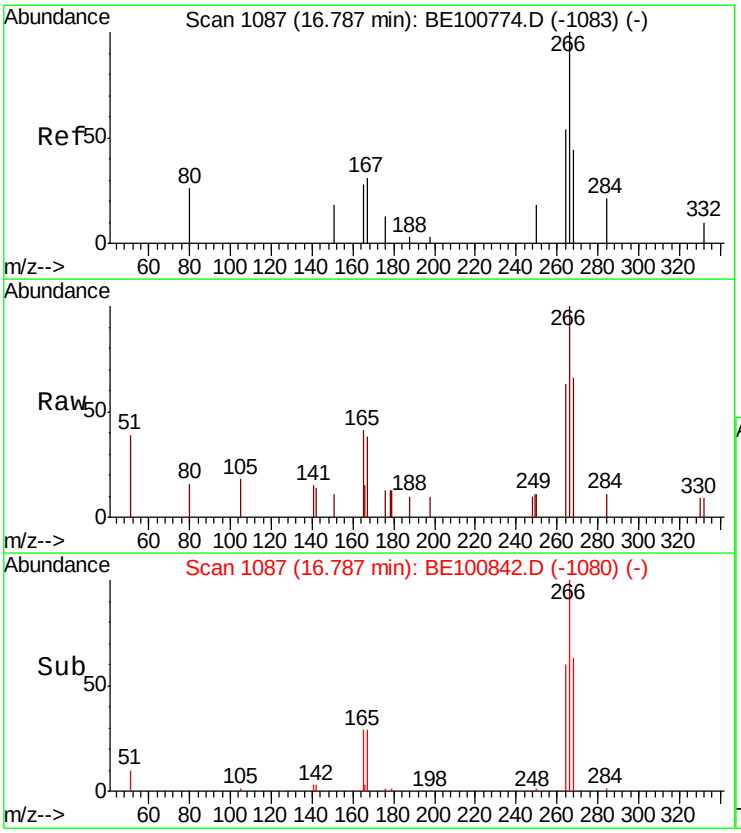
#21
Hexachlorobenzene
Concen: 0.315 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:284 Resp: 3791

Ion	Ratio	Lower	Upper
284	100		
142	46.0	34.4	51.6
249	37.0	28.5	42.7

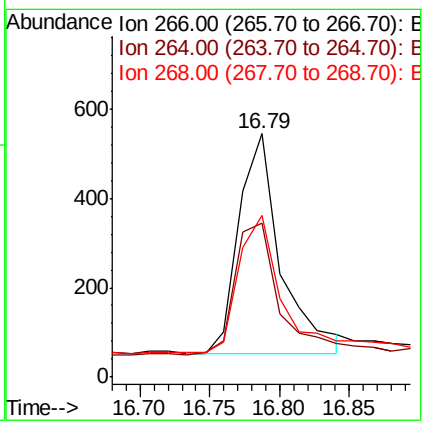


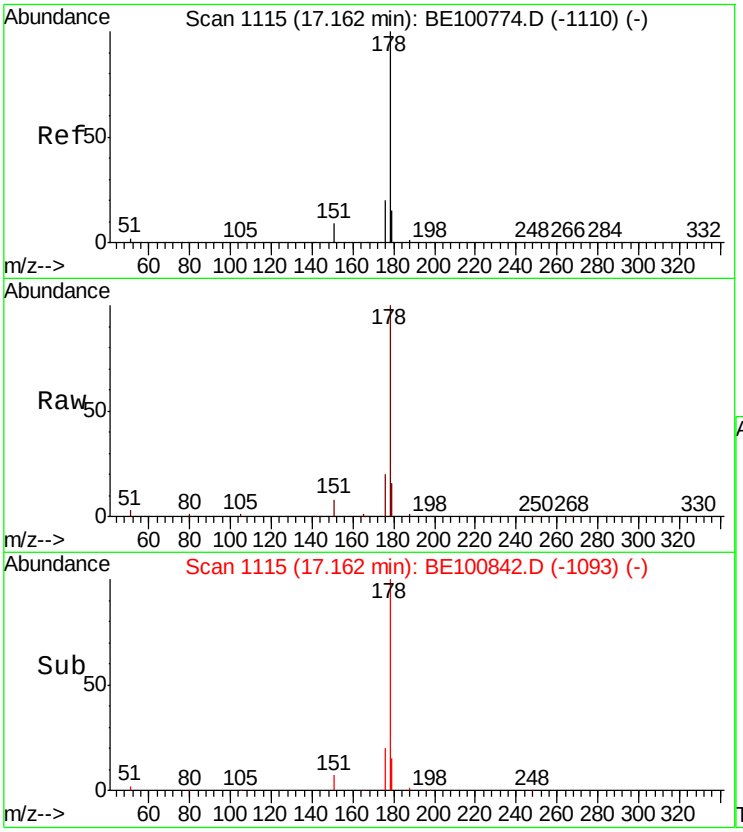


#22
Pentachlorophenol
Concen: 1.228 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:266 Resp: 1021

Ion	Ratio	Lower	Upper
266	100		
264	63.2	63.4	95.0#
268	66.4	65.8	98.8



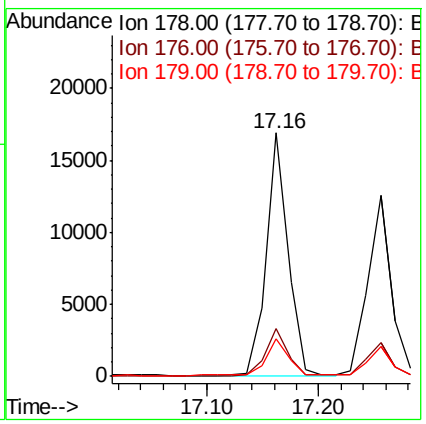


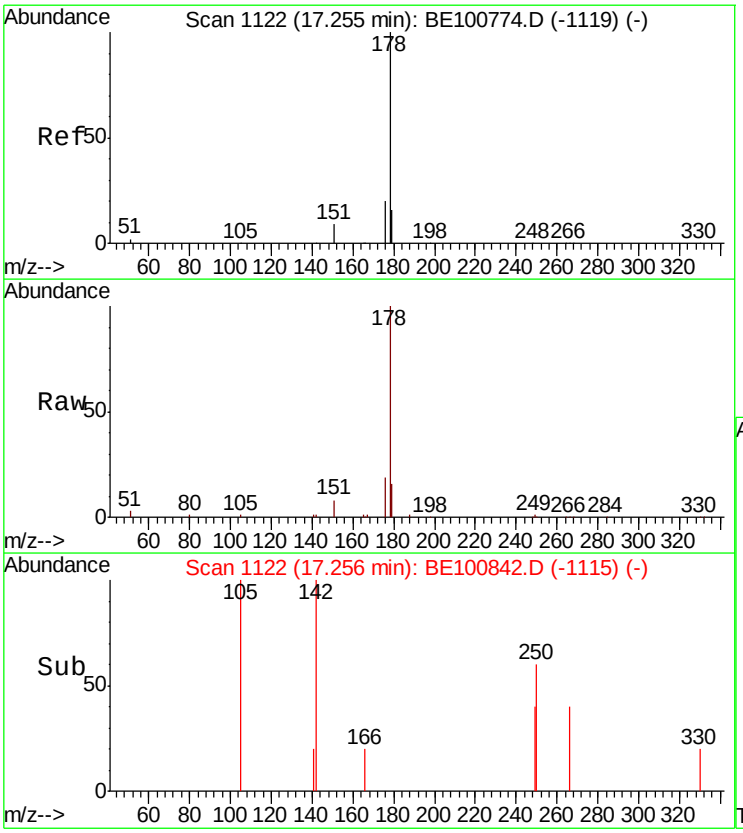
#23
Phenanthrene
Concen: 0.338 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:178 Resp: 23092

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.3	18.5

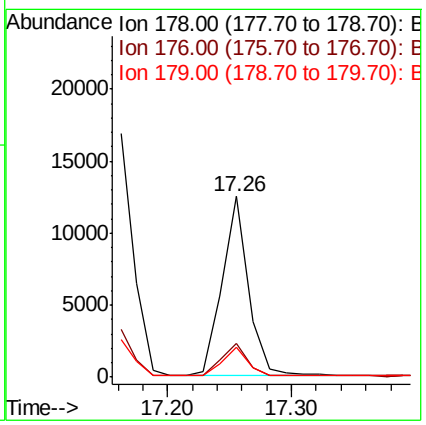


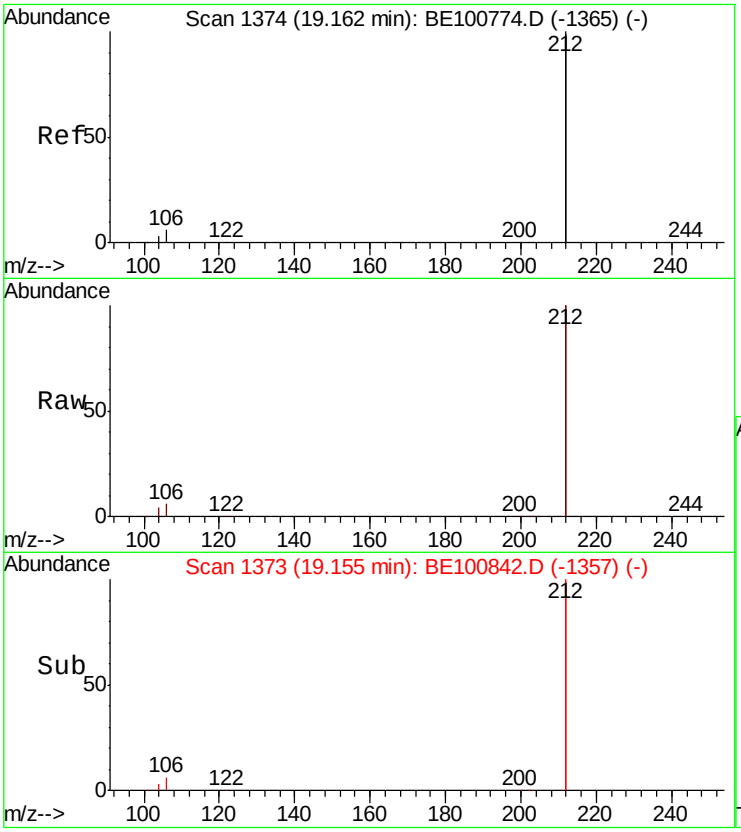


#24
Anthracene
Concen: 0.321 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:178 Resp: 18362

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.4	12.7	19.1



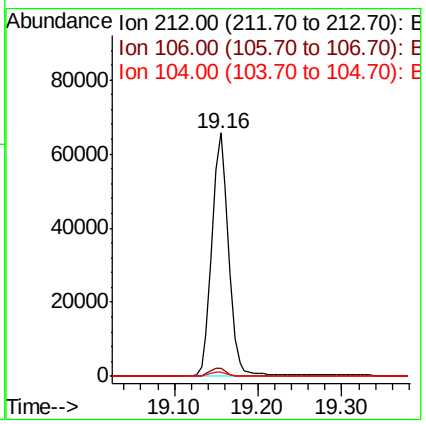


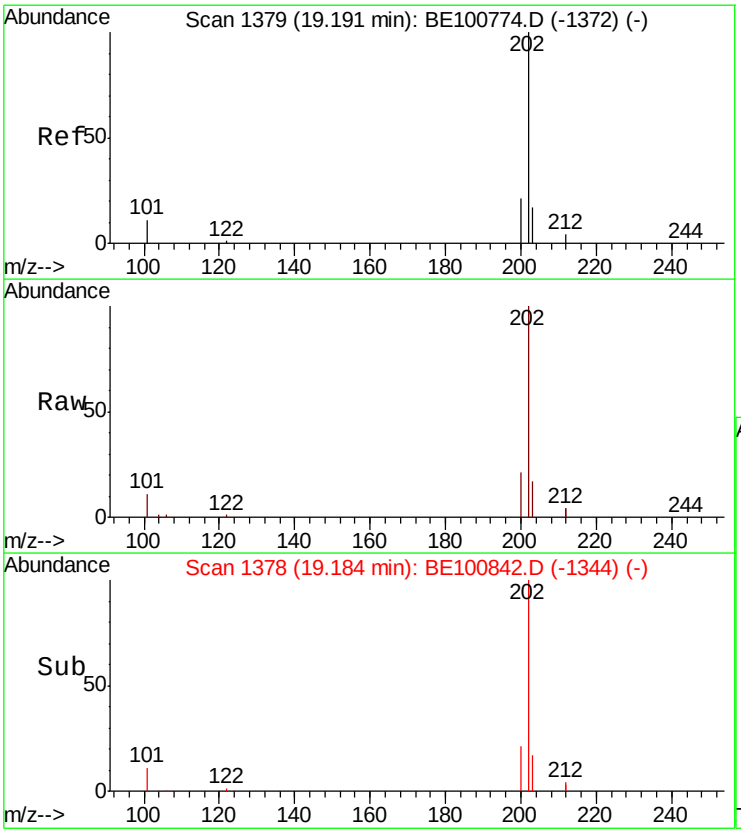
#25
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:212 Resp: 91388

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.8	1.4	2.2

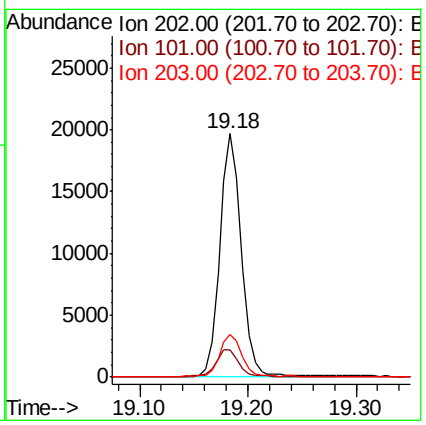


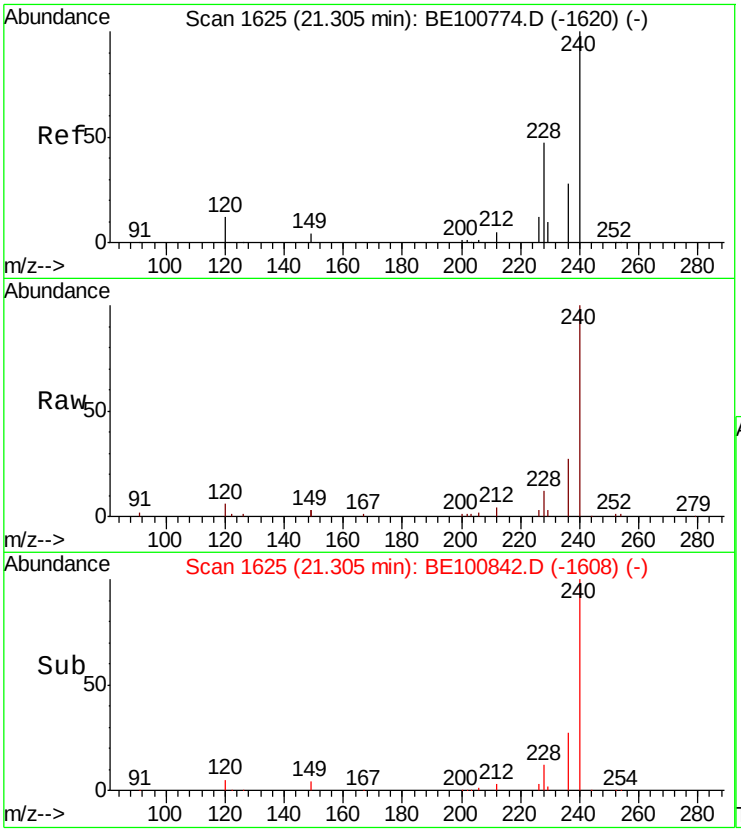


#26
Fluoranthene
Concen: 0.328 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:202 Resp: 26761

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
203	17.5	13.8	20.6



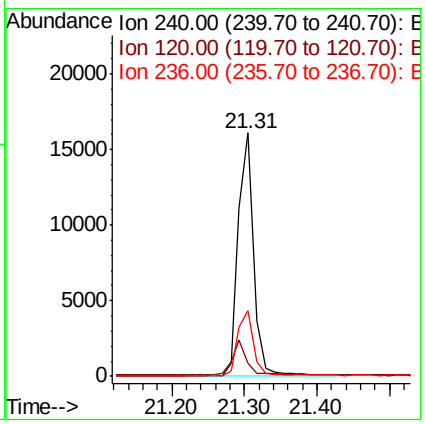


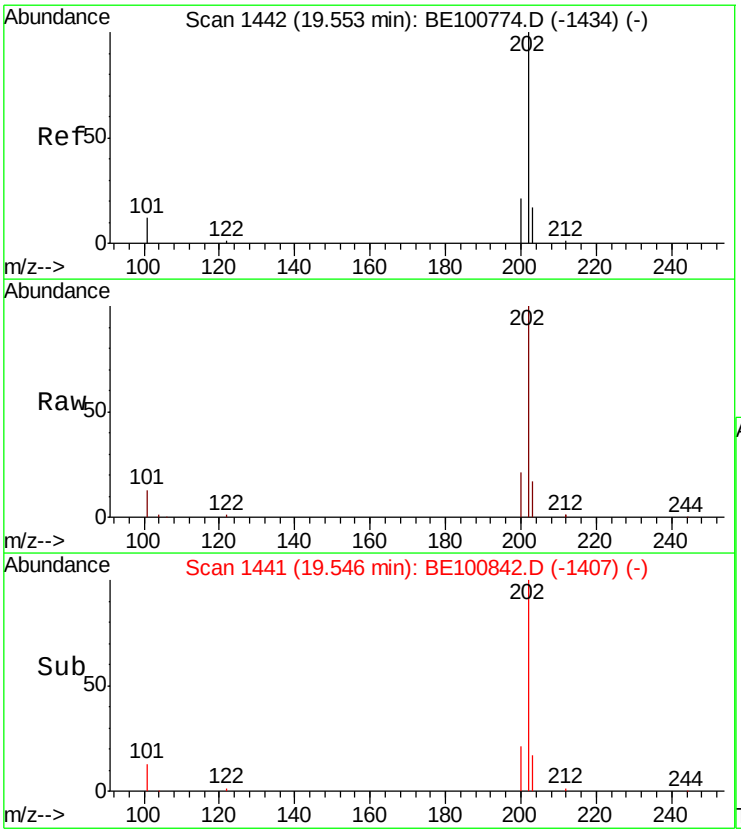
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:240 Resp: 23792

Ion	Ratio	Lower	Upper
240	100		
120	5.6	10.2	15.2#
236	26.9	22.3	33.5

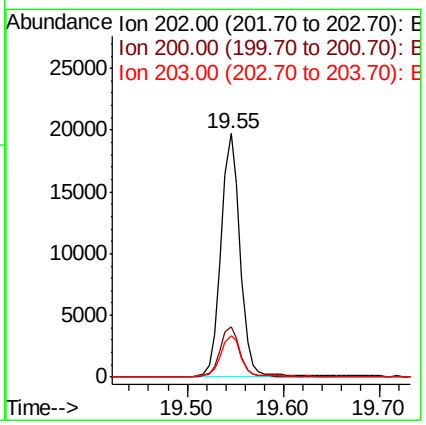


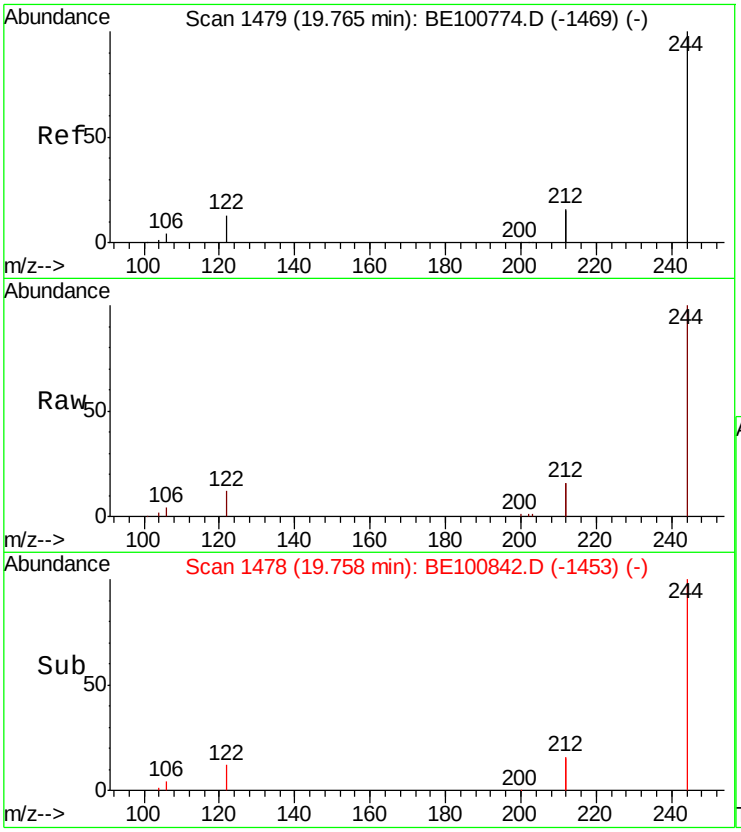


#28
Pyrene
Concen: 0.350 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:202 Resp: 27063

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.8	13.9	20.9



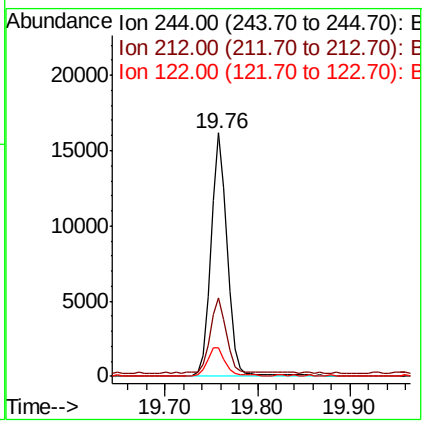


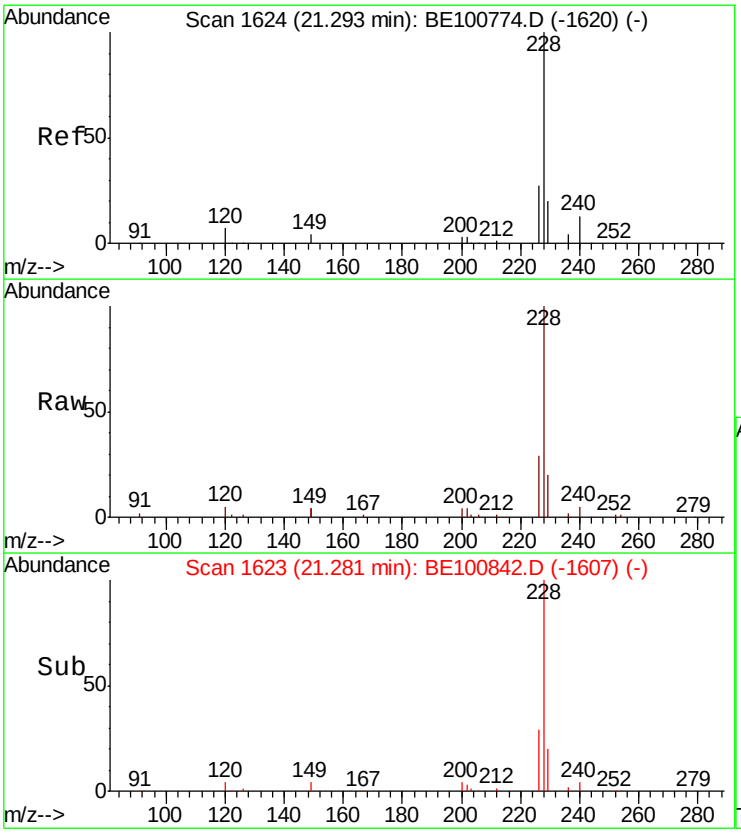
#29
Terphenyl-d14
Concen: 0.338 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:244 Resp: 19239

Ion	Ratio	Lower	Upper
244	100		
212	32.1	26.2	39.4
122	12.0	10.2	15.4

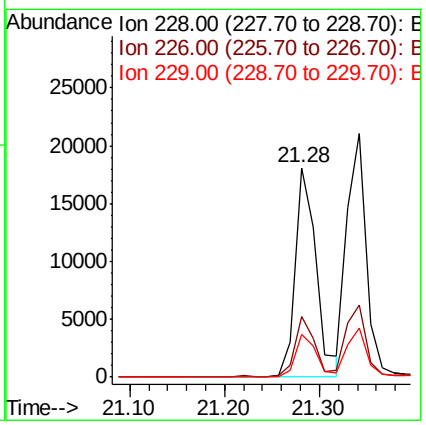


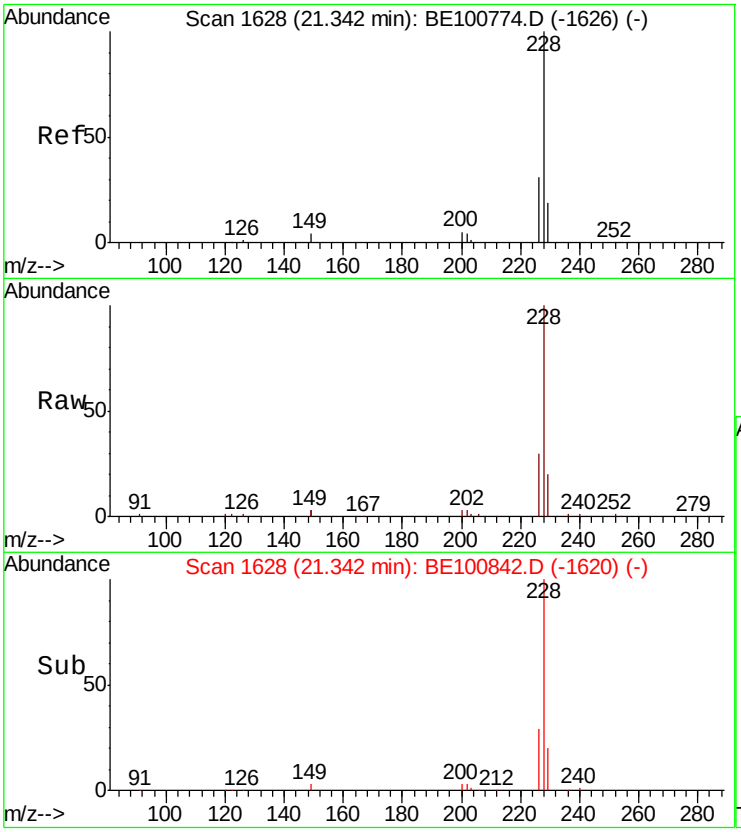


#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:228 Resp: 27351

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.5	32.3
229	20.1	16.0	24.0



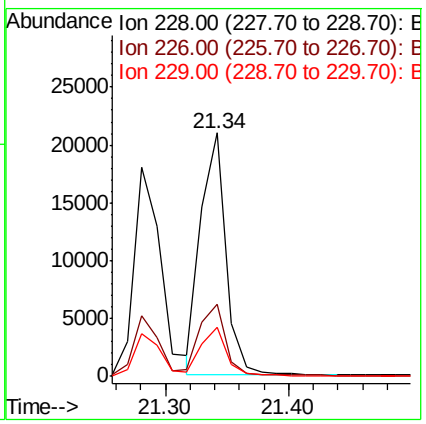


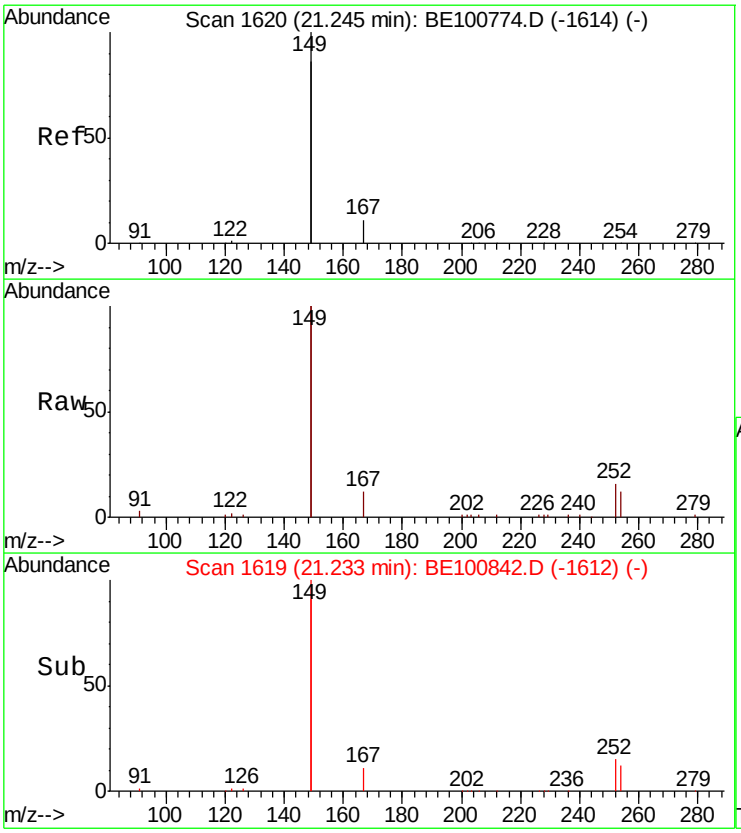
#31
Chrysene
Concen: 0.361 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:228 Resp: 29759

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.4
229	20.2	15.4	23.2

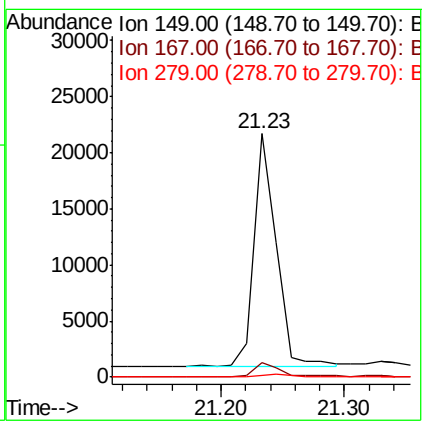


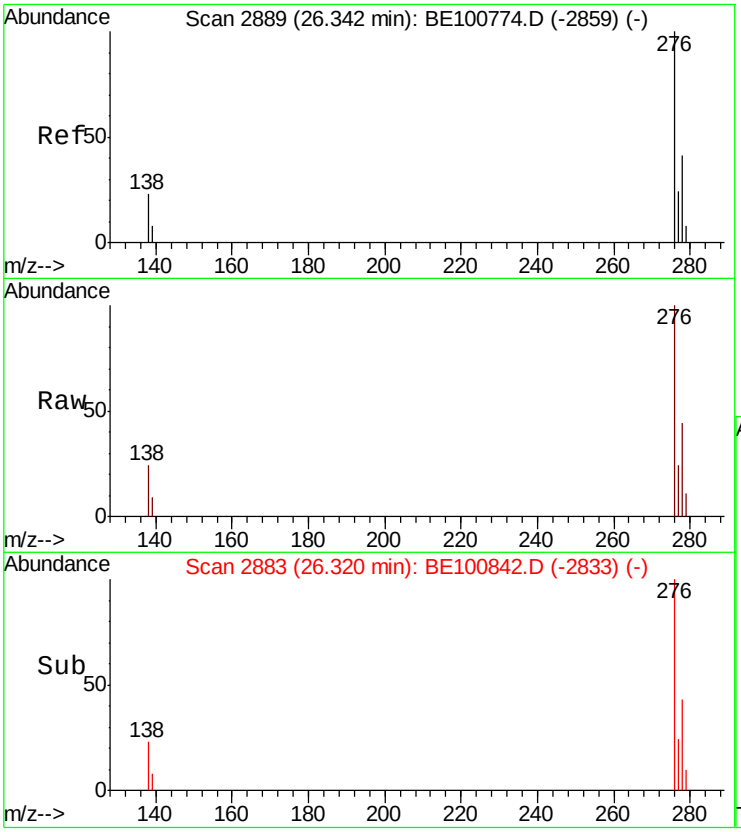


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.533 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:149 Resp: 26312

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	0.8	0.7	1.1



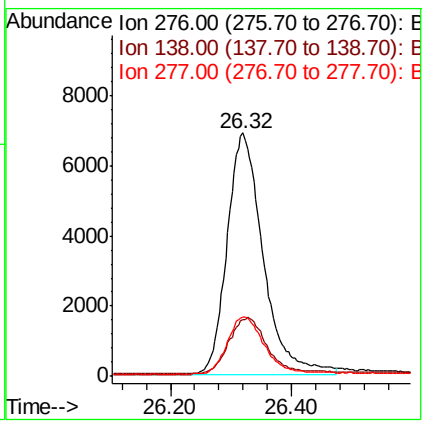


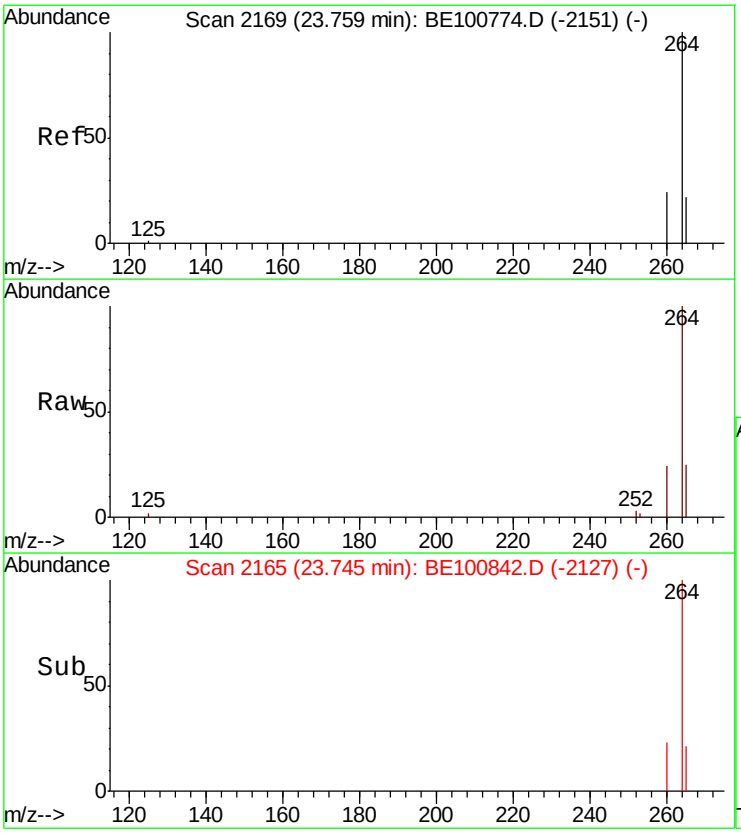
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng
RT: 26.32 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:276 Resp: 28326

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	24.7	19.8	29.6

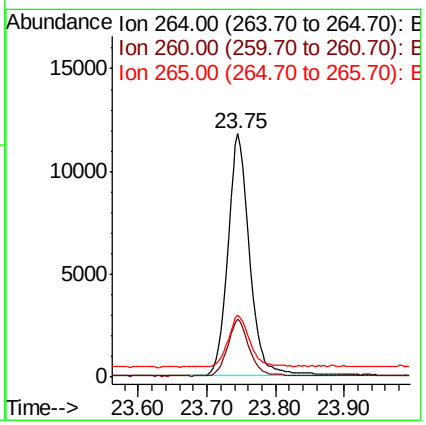


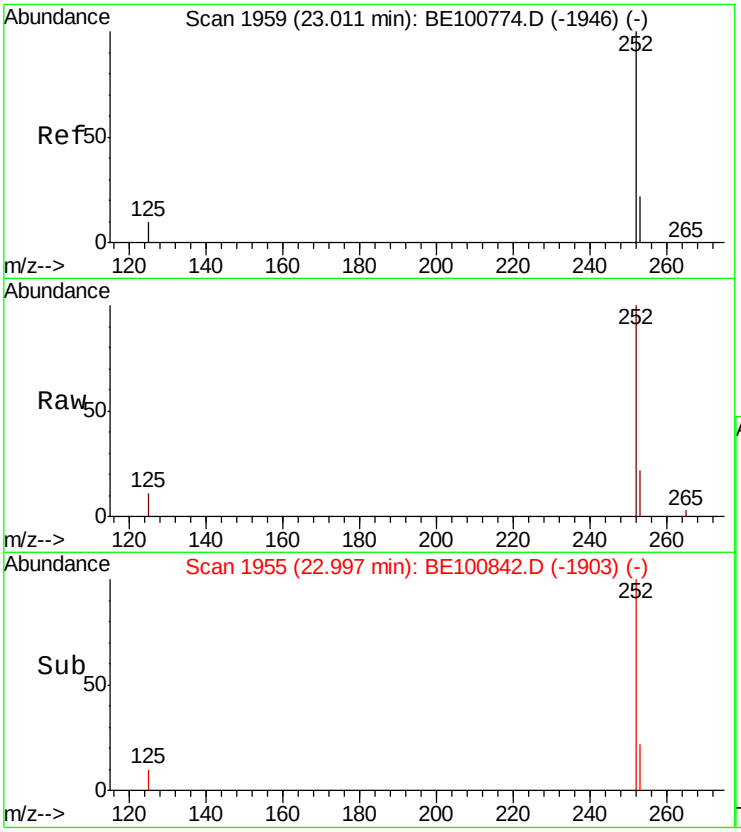


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:264 Resp: 26116

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	25.2	21.8	32.8



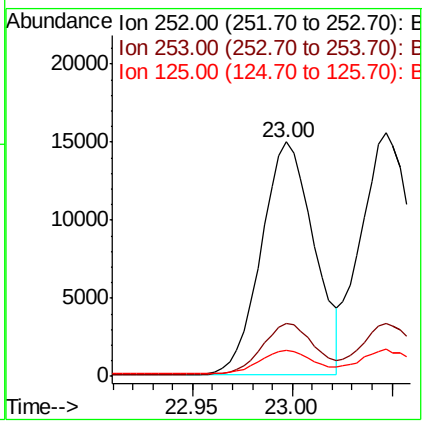


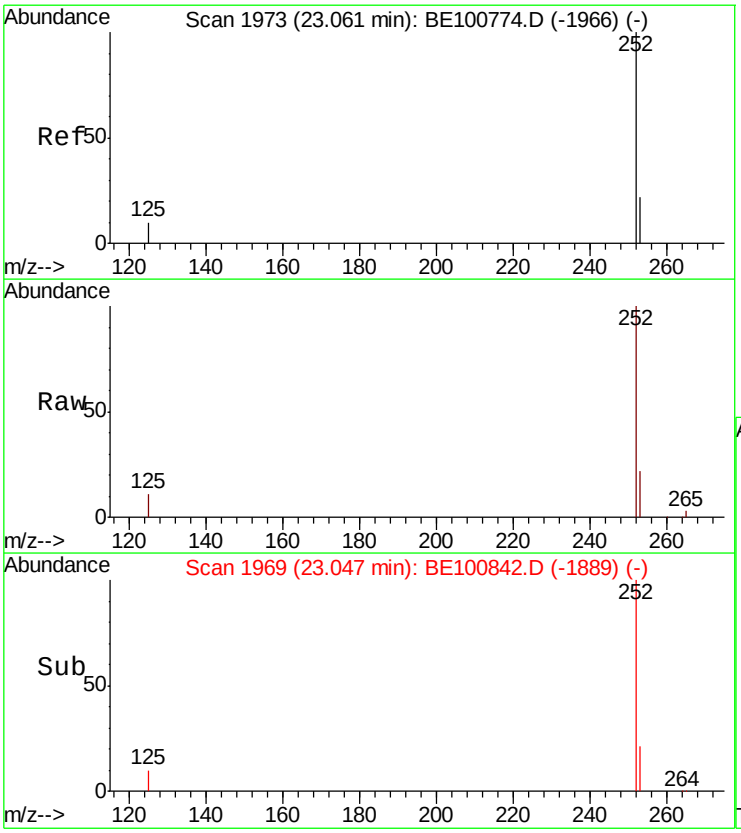
#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:252 Resp: 27422

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.2	9.0	13.4

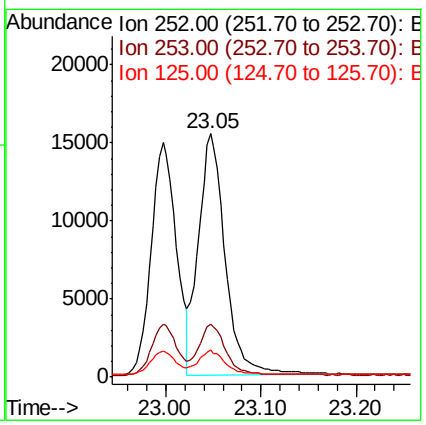


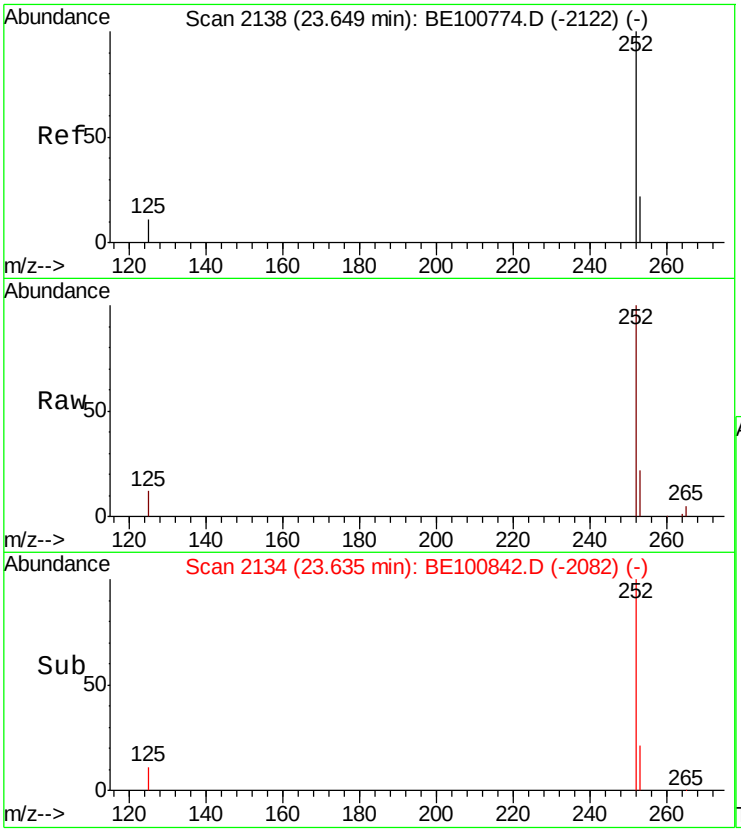


#36
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 23.05 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:252 Resp: 30051

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	11.0	8.7	13.1



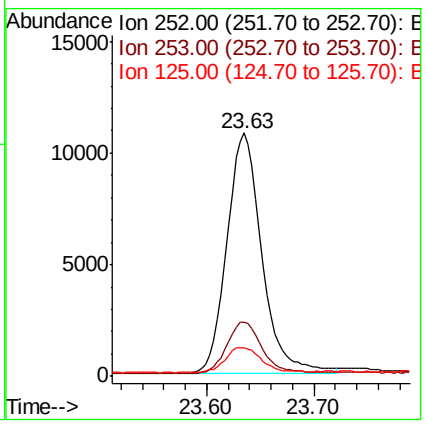


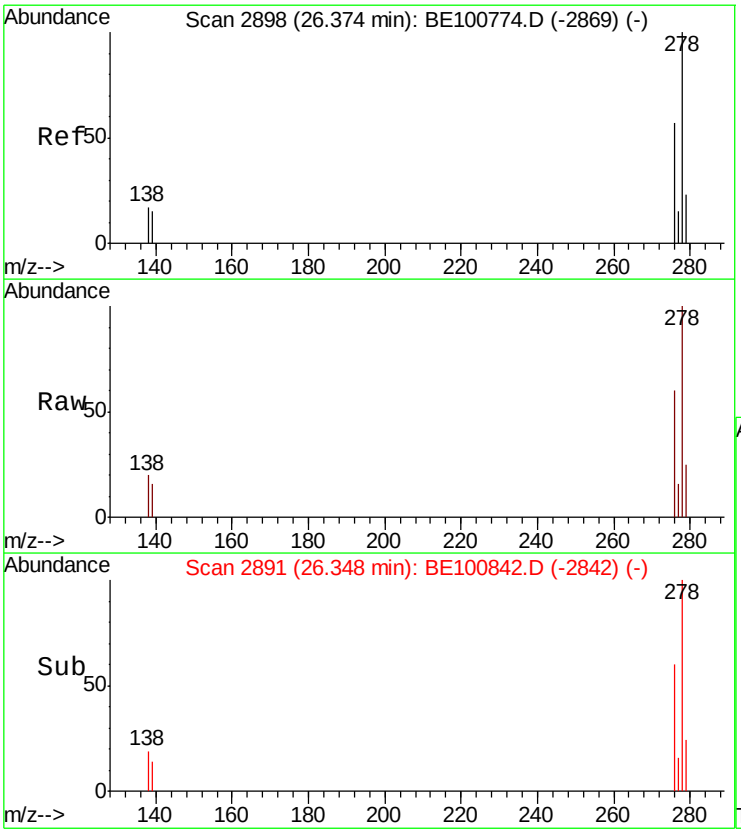
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.63 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:252 Resp: 24381

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.9	10.4	15.6

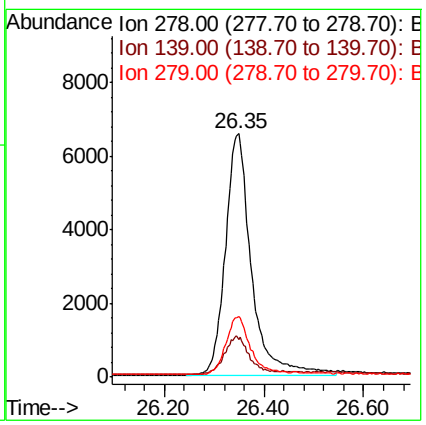


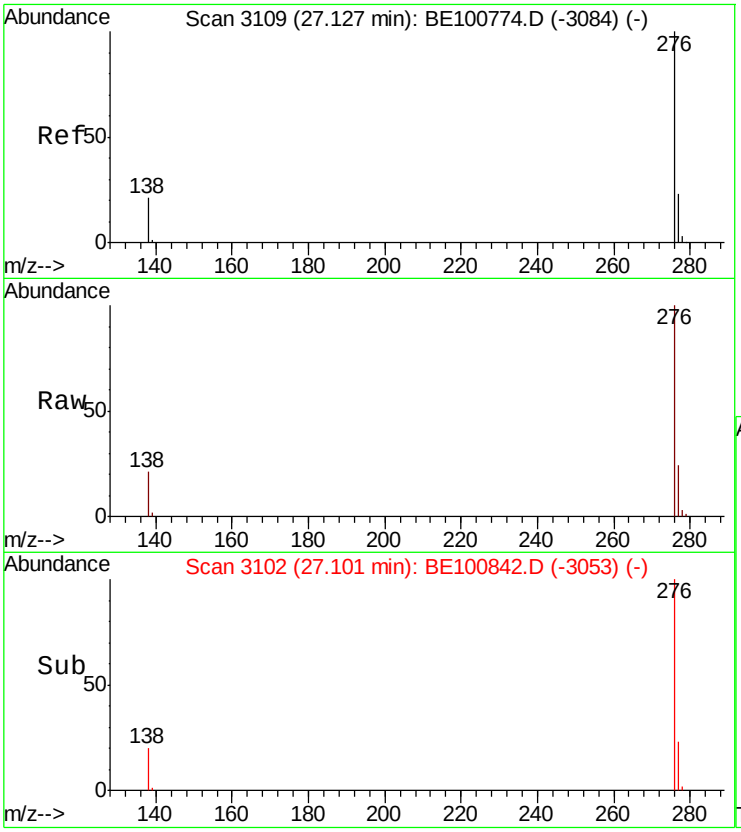


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.03 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Tgt Ion:278 Resp: 23756

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.0	19.4
279	25.0	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 27.10 min Scan# 3102
Delta R.T. -0.03 min
Lab File: BE100842.D
Acq: 11 Dec 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB125330BS

Tgt Ion:276 Resp: 26127

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	21.0	17.8	26.6