Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100750.D
Acq On : 21 Nov 2019 18:27
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Nov 22 01:48:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 01:43:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5175	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	22853	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	12573	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	27993	0.40	ng		0.00
27) Chrysene-d12	21.32	240	32272	0.40	ng		0.00
34) Perylene-d12	23.77	264	31776	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	10603	0.70	ng		0.00
5) Phenol-d6	6.93	99	15365	0.72	ng		0.00
8) Nitrobenzene-d5	8.90	82	4990	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	25903	0.71	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1335	1.02	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	37663	0.82	ng		0.00
25) Fluoranthene-d10	19.17	212	253302	0.68	ng		0.00
29) Terphenyl-d14	19.78	244	56834	0.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	6860	0.761	ng		97
3) n-Nitrosodimethylamine	3.66	42	5198	0.580	ng	#	88
6) bis(2-Chloroethyl)ether	7.19	93	12875	0.689	ng		97
9) Naphthalene	10.59	128	185777	0.784	ng		100
10) Hexachlorobutadiene	10.90	225	7069	0.646	ng		98
12) 2-Methylnaphthalene	12.22	142	29385	0.728	ng		98
16) Acenaphthylene	14.13	152	40137	0.790	ng		99
17) Acenaphthene	14.47	154	27572	0.826	ng		100
18) Fluorene	15.43	166	35656	0.780	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	10236	0.692	ng		94
21) Hexachlorobenzene	16.45	284	11092	0.772	ng		98
23) Phenanthrene	17.17	178	63923	0.838	ng		99
24) Anthracene	17.27	178	53968	0.792	ng		100
26) Fluoranthene	19.20	202	77523	0.761	ng		100
28) Pyrene	19.56	202	77407	0.863	ng		99
30) Benzo(a)anthracene	21.29	228	82430	0.796	ng		96
31) Chrysene	21.35	228	84627	0.805	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	100582	0.547	ng		99
33) Indeno(1,2,3-cd)pyrene	26.35	276	76982	0.625	ng		100
35) Benzo(b)fluoranthene	23.02	252	72220	0.779	ng		98
36) Benzo(k)fluoranthene	23.07	252	78864	0.812	ng		99
37) Benzo(a)pyrene	23.66	252	63784	0.738	ng		97
38) Dibenzo(a,h)anthracene	26.38	278	63311	0.703	ng		99
39) Benzo(g,h,i)perylene	27.14	276	64925	0.735	ng		99

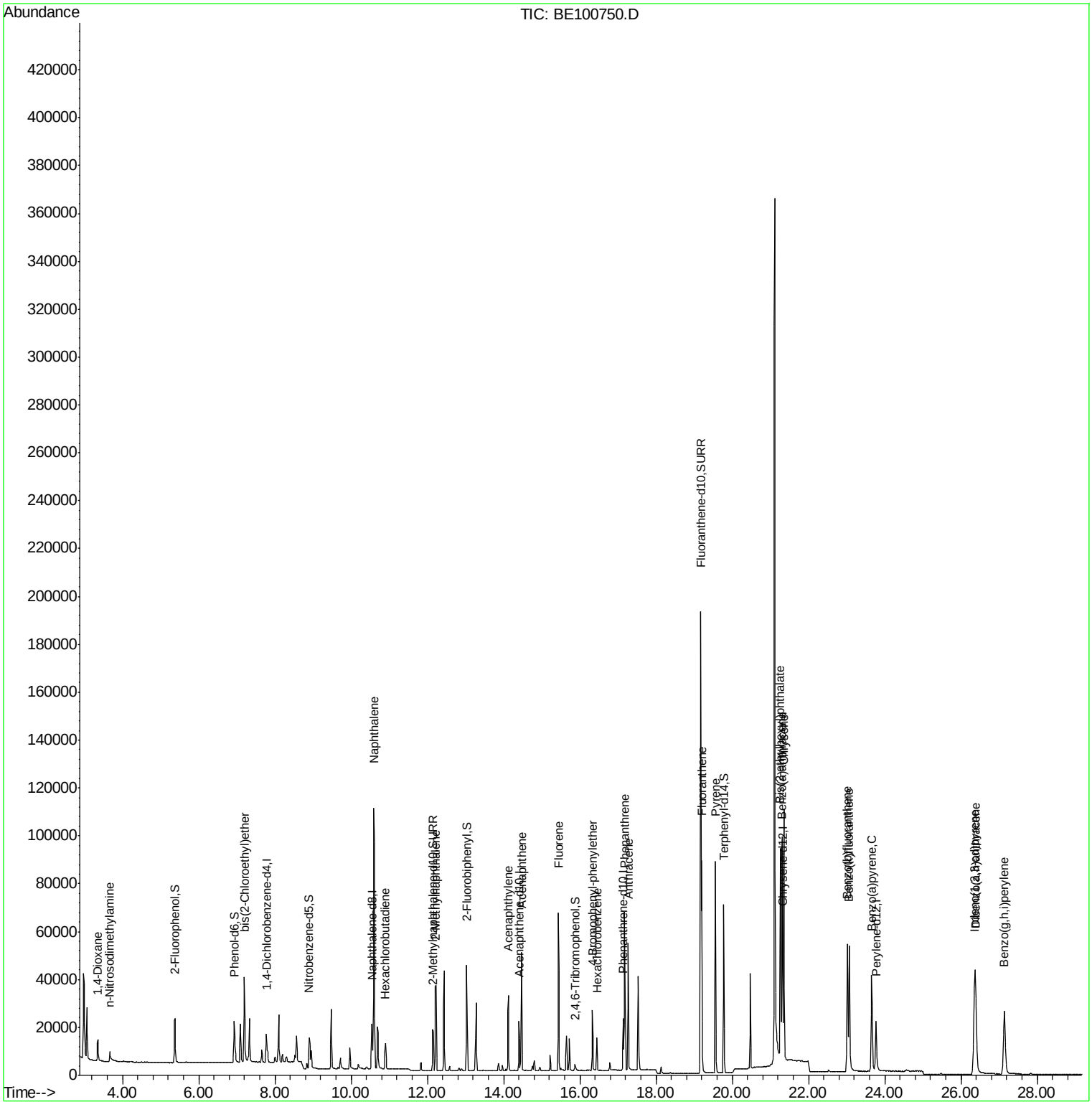
(#) = qualifier out of range (m) = manual integration (+) = signals summed

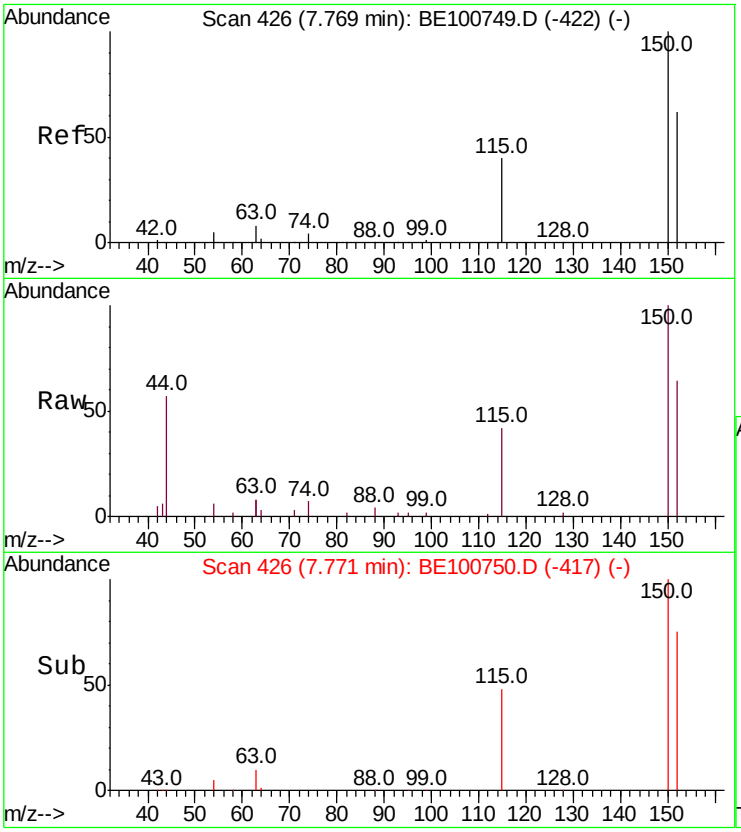
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
Data File : BE100750.D
Acq On : 21 Nov 2019 18:27
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 22 01:48:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 01:43:03 2019
Response via : Initial Calibration



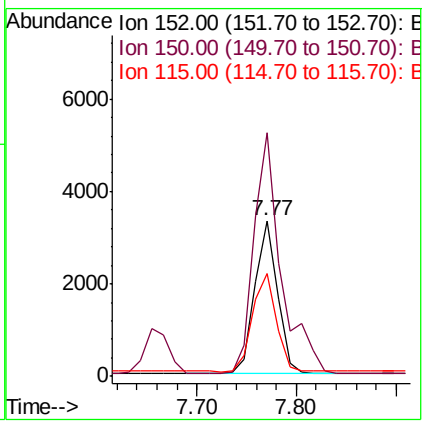


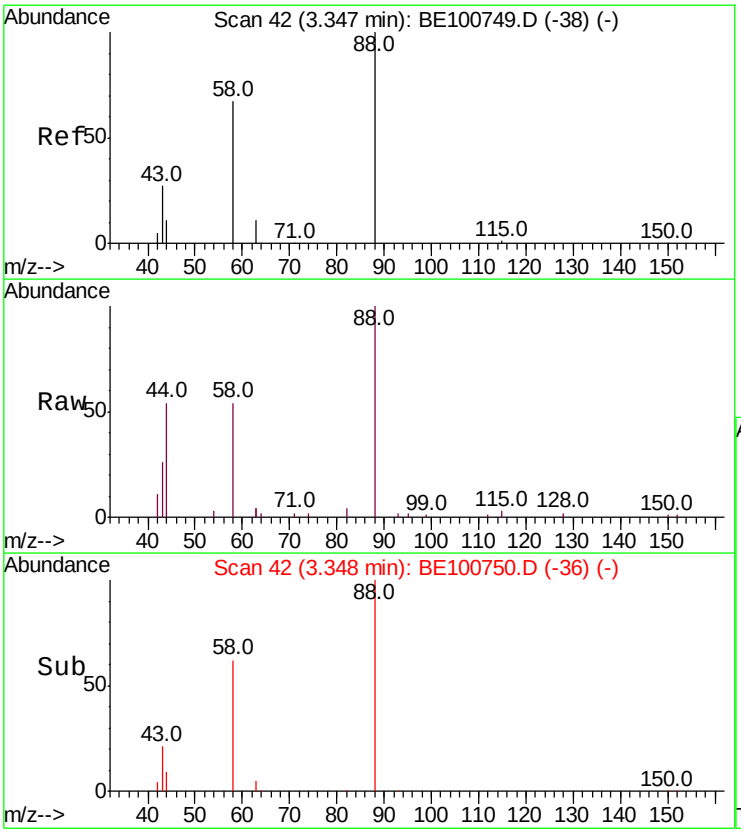
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5175

Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.1	190.7
115	66.0	53.0	79.4

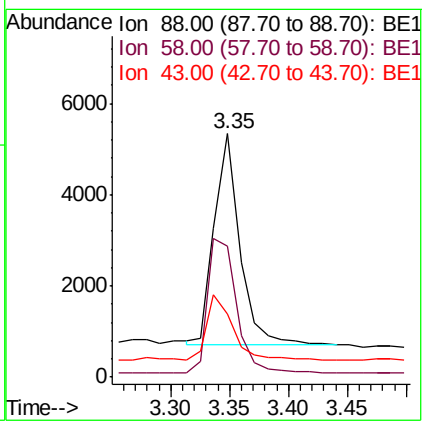


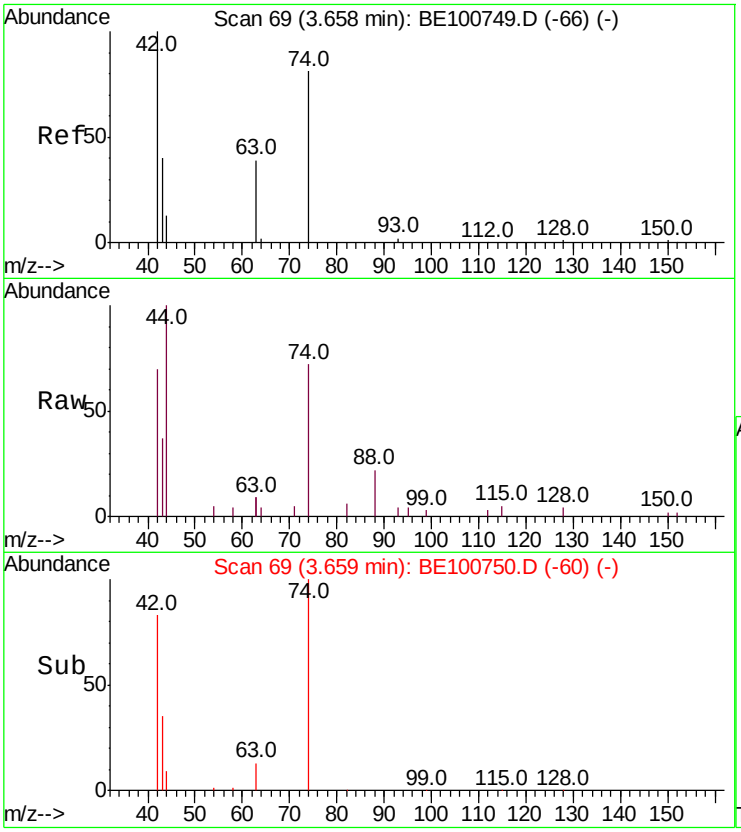


#2
1,4-Dioxane
Concen: 0.761 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion: 88 Resp: 6860

Ion	Ratio	Lower	Upper
88	100		
58	73.8	60.7	91.1
43	31.4	27.4	41.2



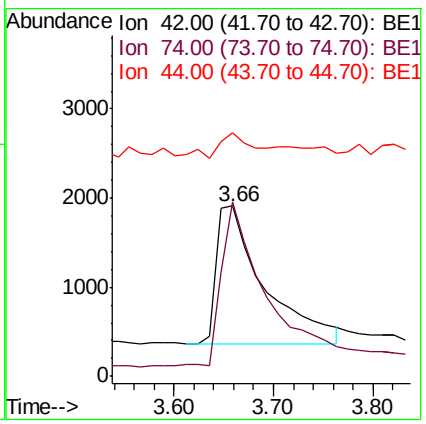


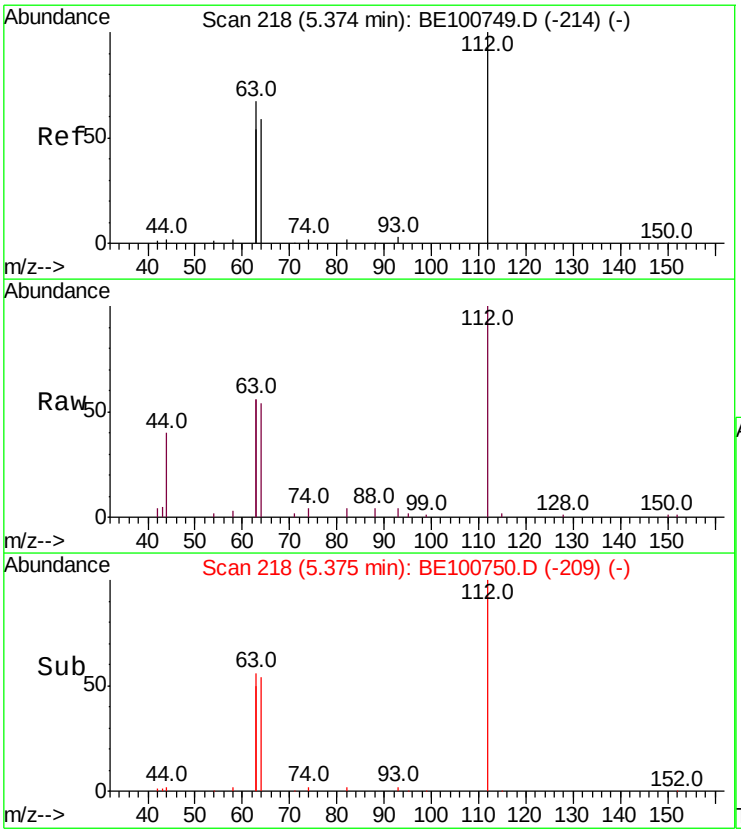
#3
n-Nitrosodimethylamine
Concen: 0.580 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 5198

Ion	Ratio	Lower	Upper
42	100		
74	111.5	0.0	0.0#
44	9.1	4.2	6.4#

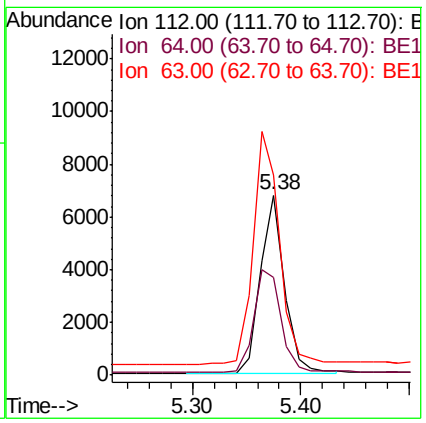


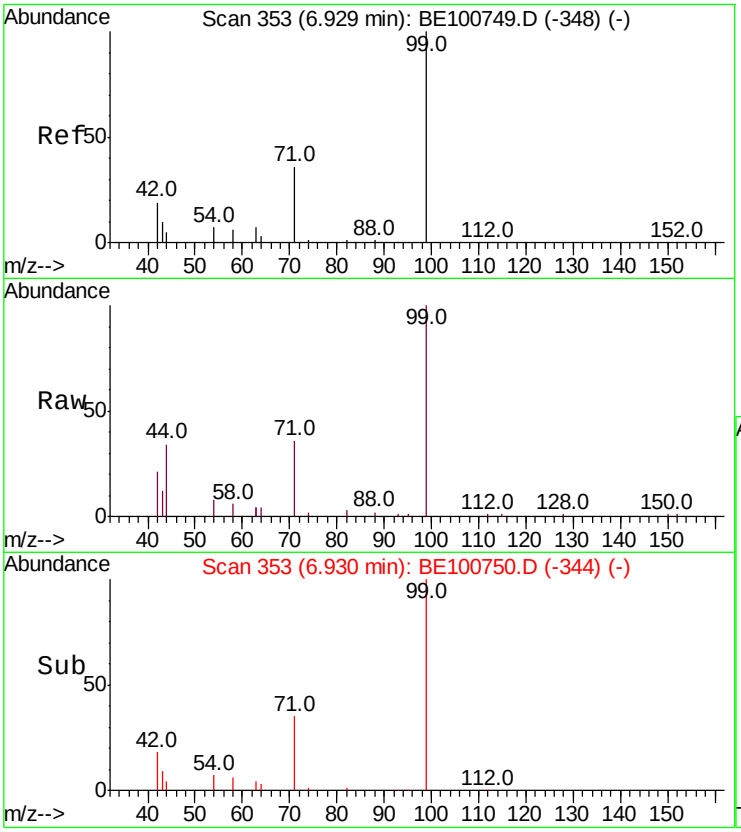


#4
2-Fluorophenol
Concen: 0.702 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:112 Resp: 10603

Ion	Ratio	Lower	Upper
112	100		
64	66.0	54.3	81.5
63	140.7	114.0	171.0



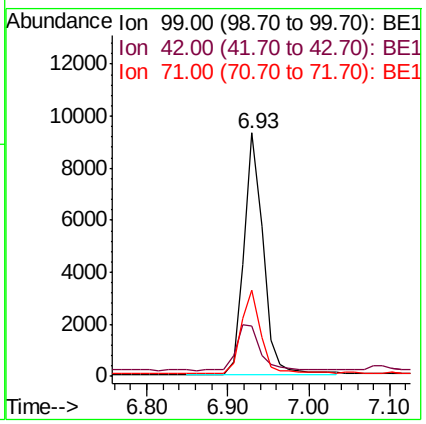


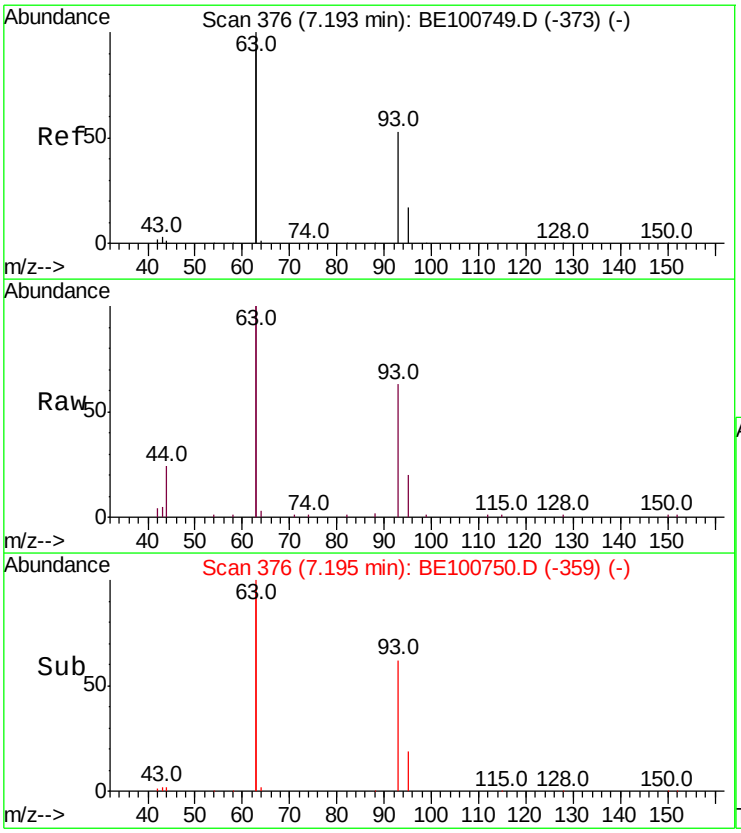
#5
Phenol-d6
Concen: 0.719 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 15365

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	35.5	29.3	43.9

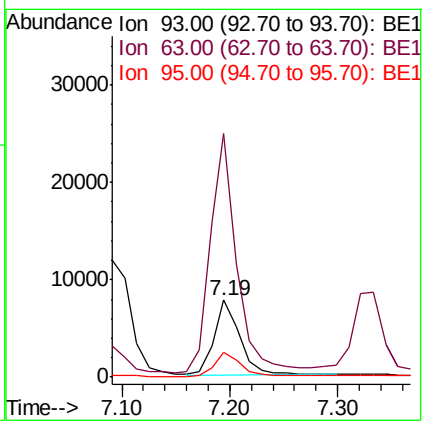


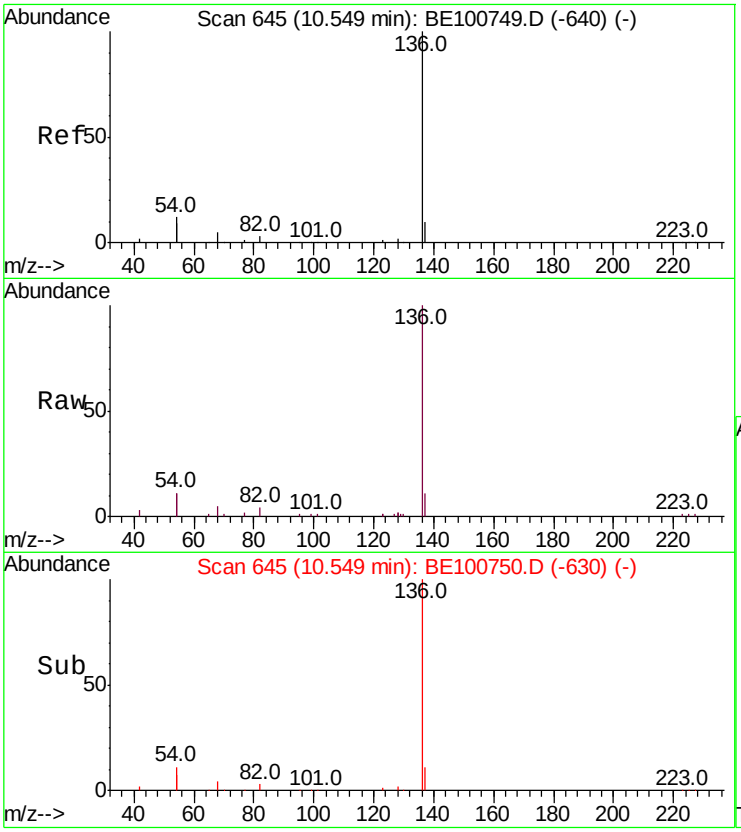


#6
bis(2-Chloroethyl)ether
Concen: 0.689 ng
RT: 7.19 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion: 93 Resp: 12875

Ion	Ratio	Lower	Upper
93	100		
63	327.3	267.0	400.6
95	32.8	26.2	39.4



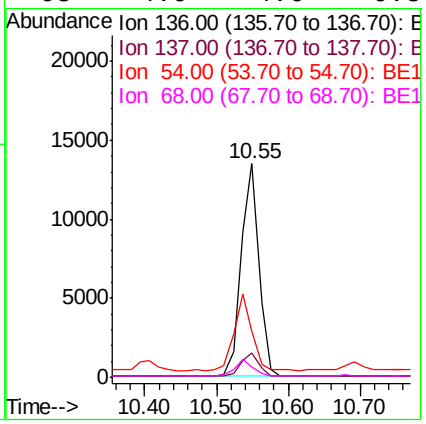


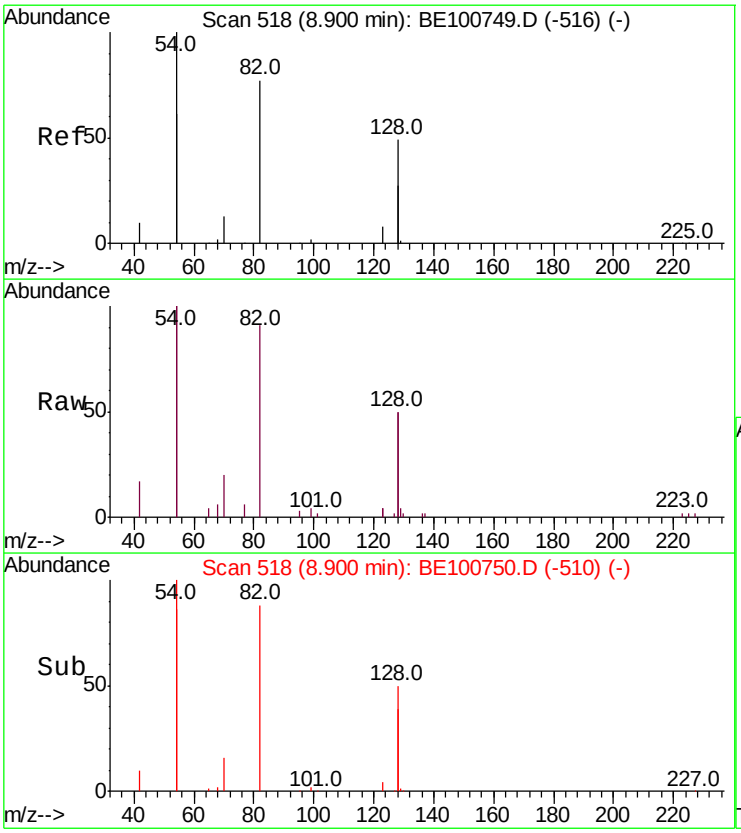
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 22853

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	21.5	19.4	29.0
68	4.9	4.6	6.8

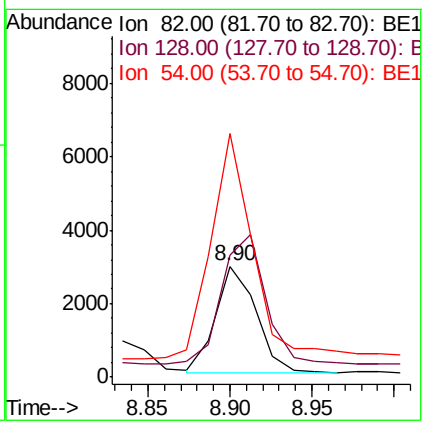


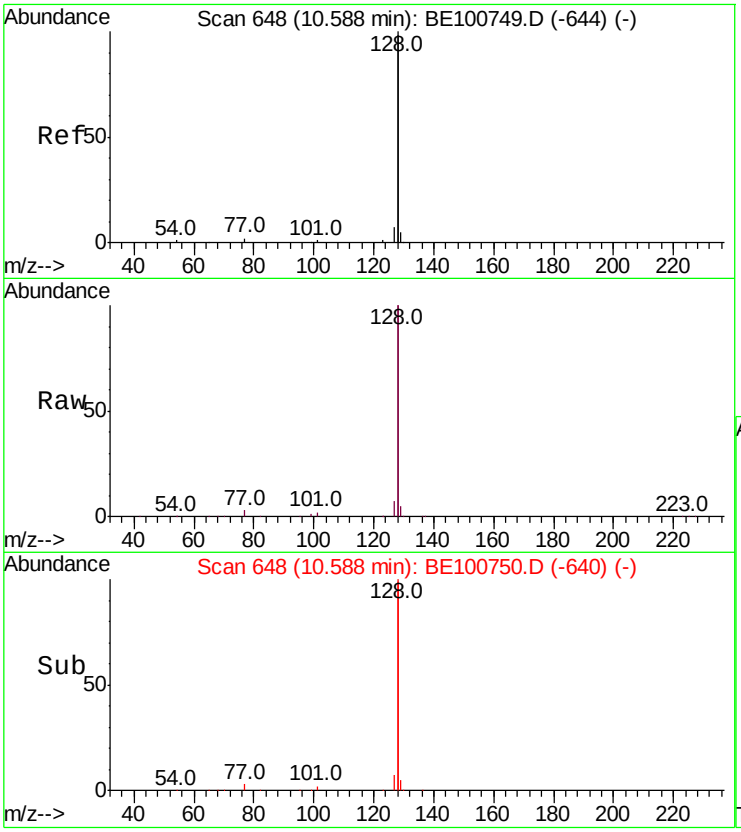


#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion: 82 Resp: 4990

Ion	Ratio	Lower	Upper
82	100		
128	109.9	90.2	135.4
54	219.4	186.0	279.0



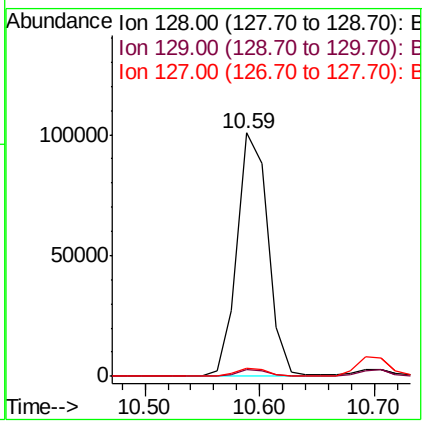


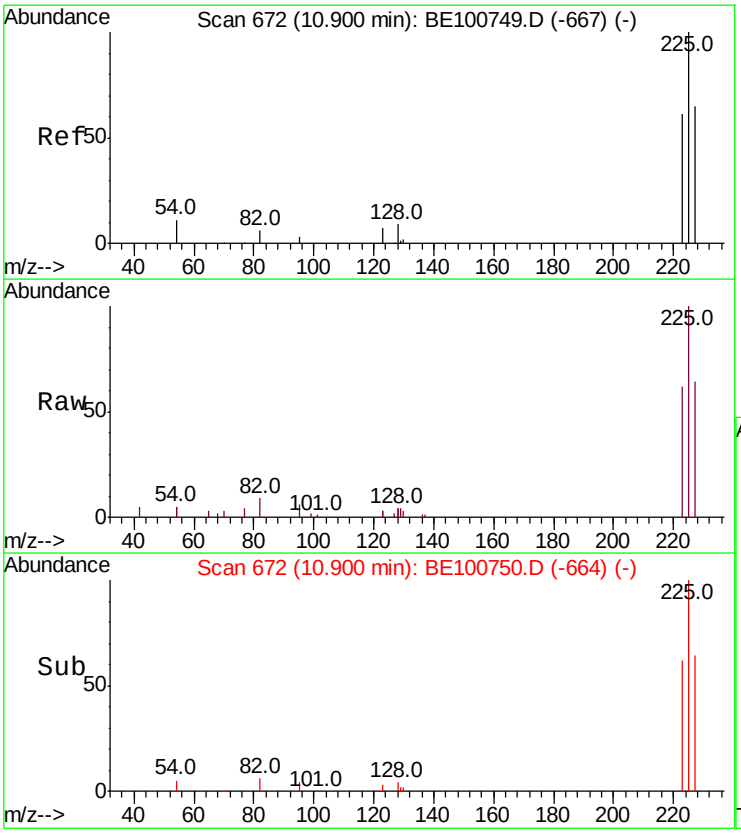
#9
Naphthalene
Concen: 0.784 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 185777

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.4	2.7	4.1

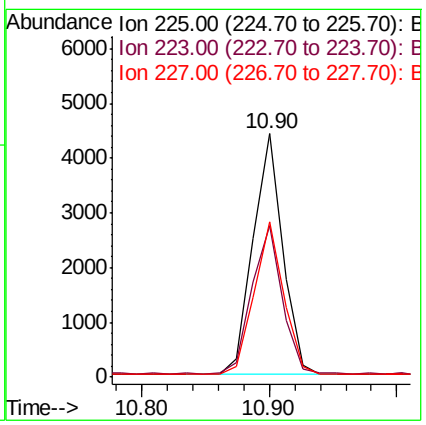


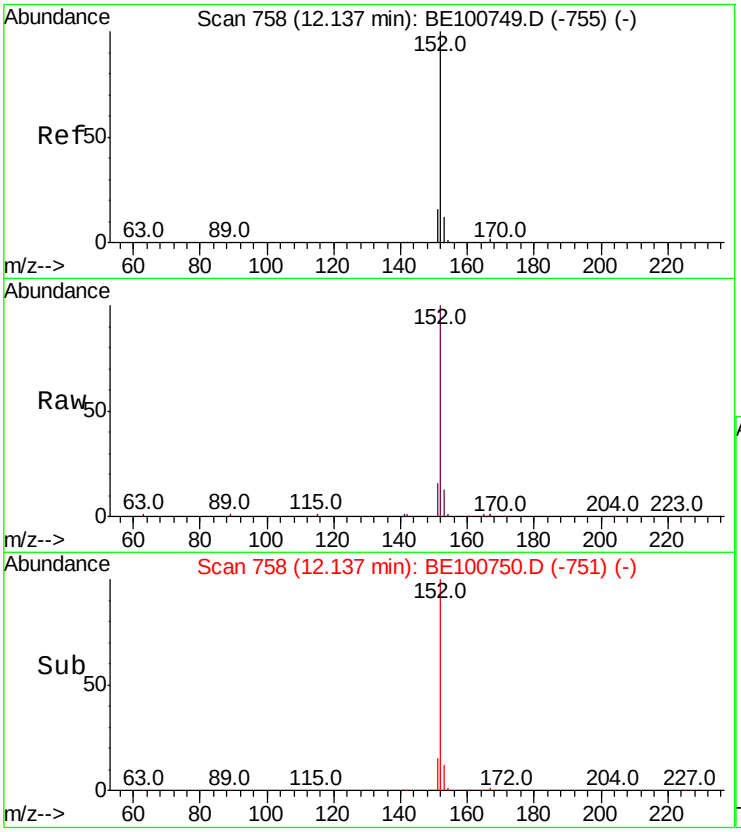


#10
Hexachlorobutadiene
Concen: 0.646 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:225 Resp: 7069

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	62.9	52.0	78.0



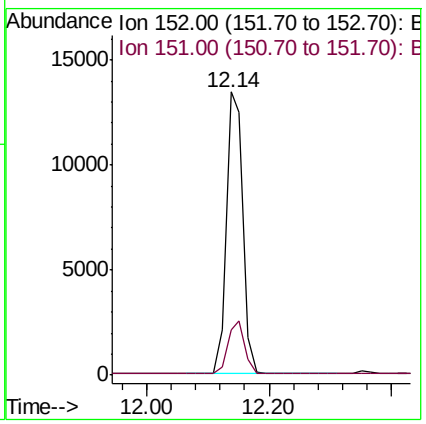


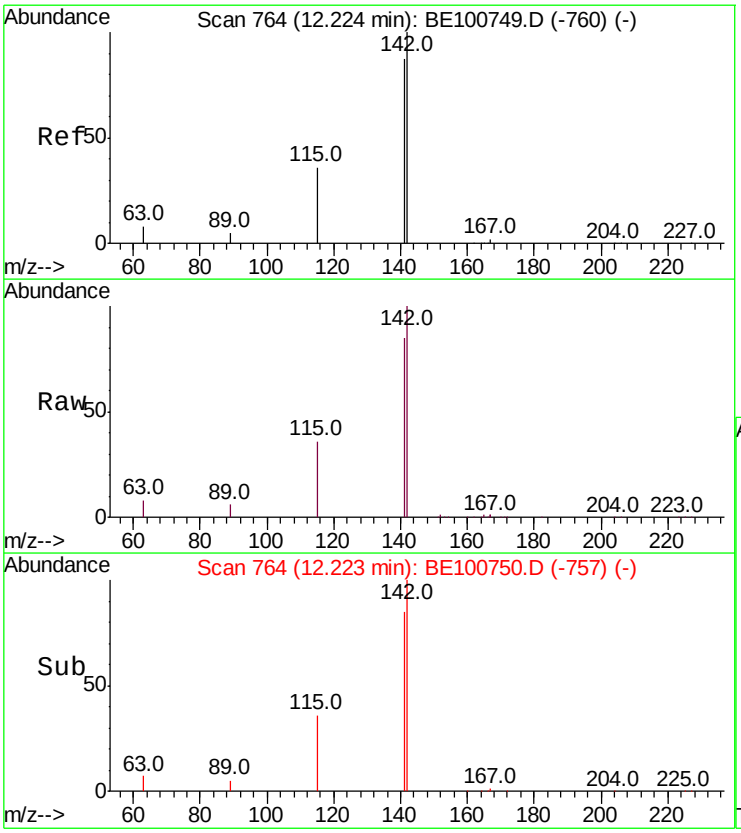
#11
2-Methylnaphthalene-d10
Concen: 0.711 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 25903

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.8	23.8

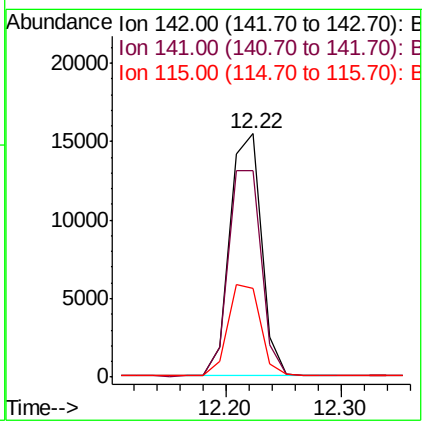


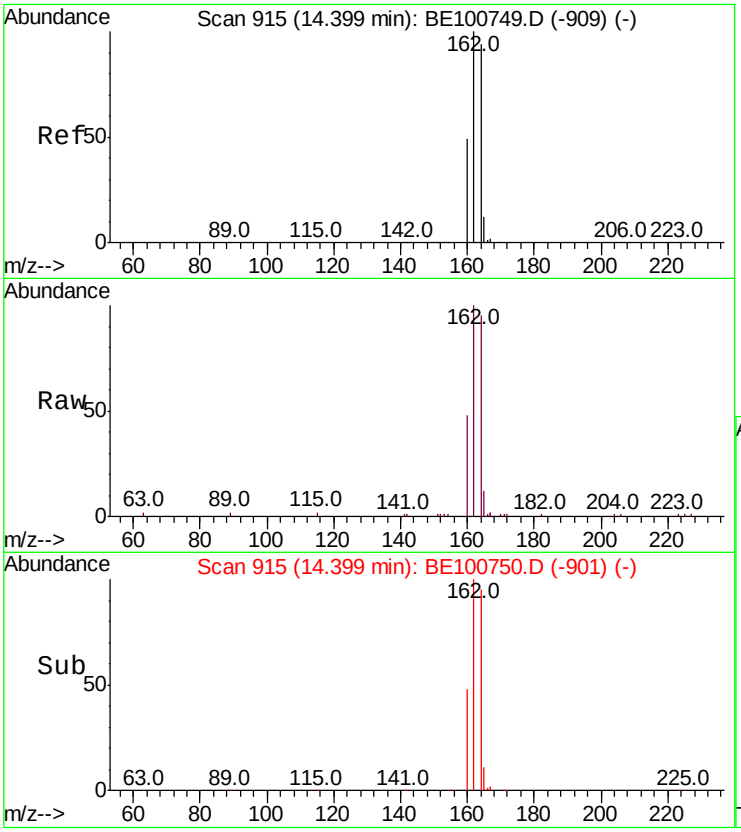


#12
2-Methylnaphthalene
Concen: 0.728 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:142 Resp: 29385

Ion	Ratio	Lower	Upper
142	100		
141	84.9	69.9	104.9
115	36.3	29.5	44.3



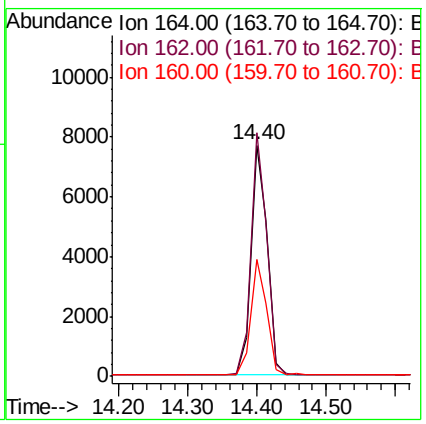


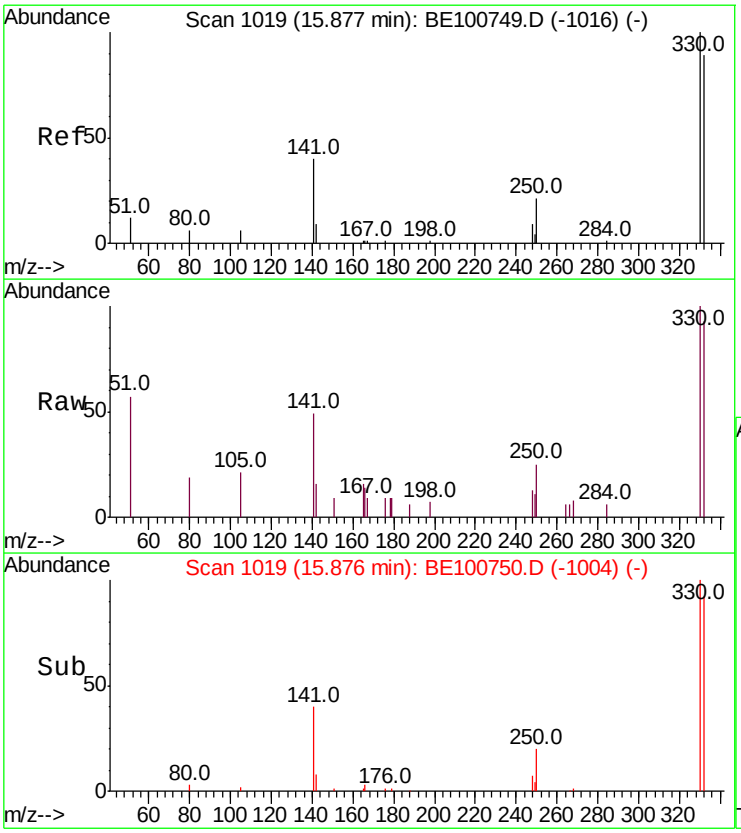
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 12573

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.8	127.2
160	50.8	42.3	63.5

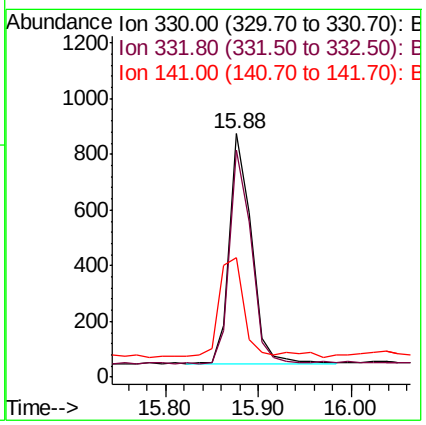


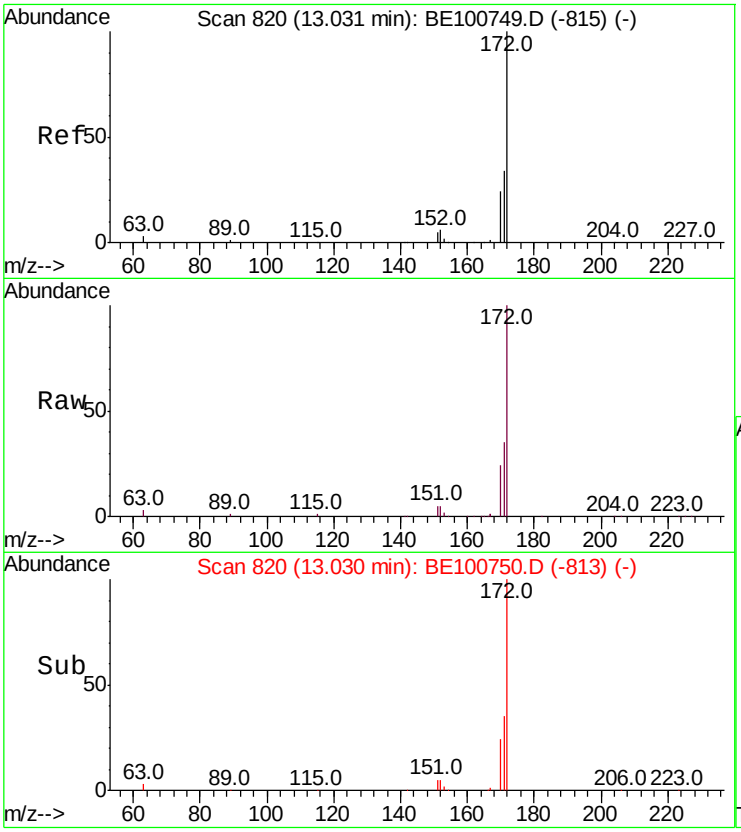


#14
2,4,6-Tribromophenol
Concen: 1.021 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:330 Resp: 1335

Ion	Ratio	Lower	Upper
330	100		
332	92.0	79.3	118.9
141	50.5	43.8	65.6



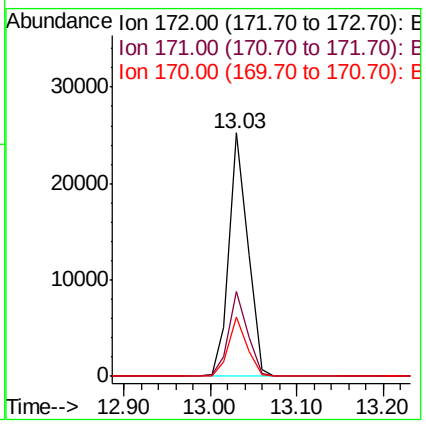


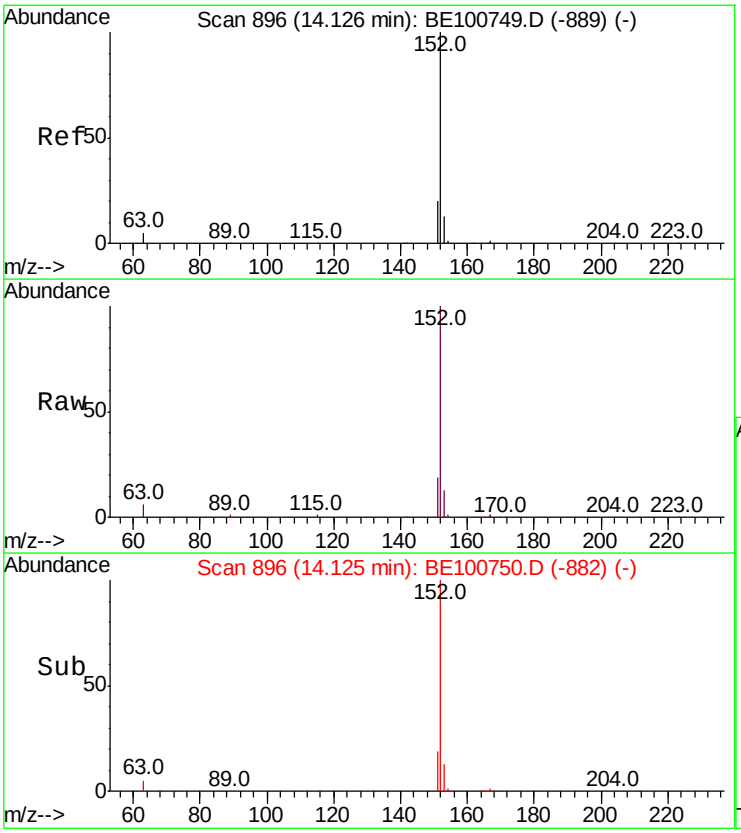
#15
2-Fluorobiphenyl
Concen: 0.817 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 37663

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	24.4	19.4	29.2

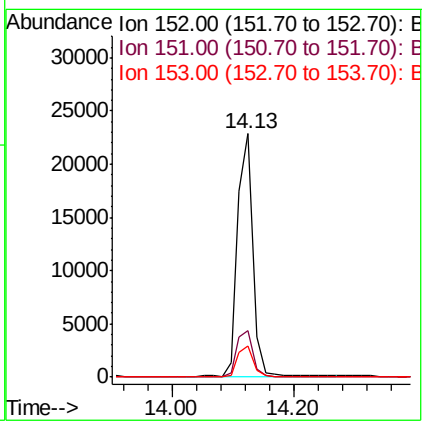


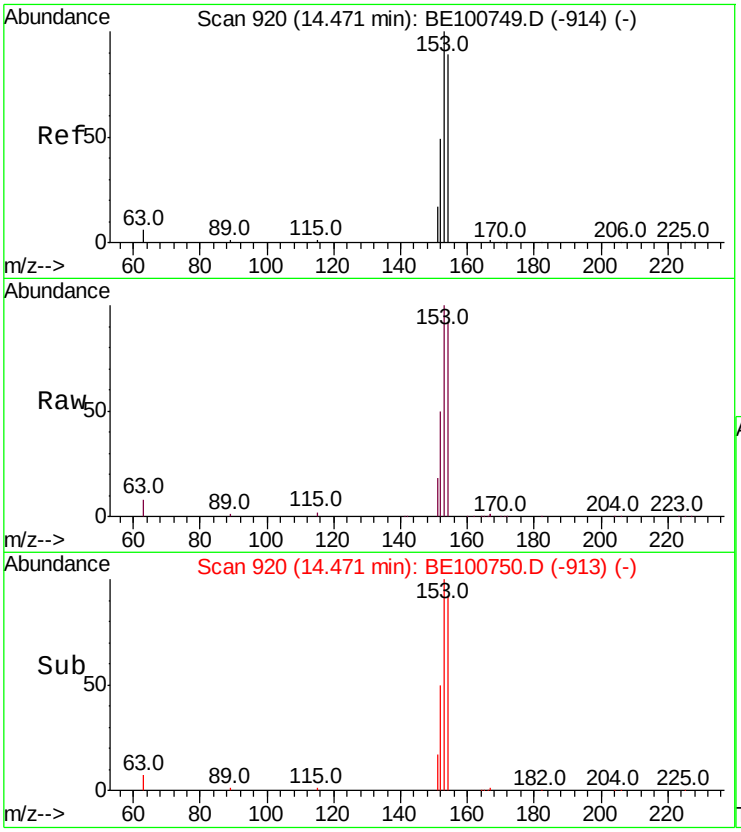


#16
Acenaphthylene
Concen: 0.790 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:152 Resp: 40137

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	12.9	10.6	15.8



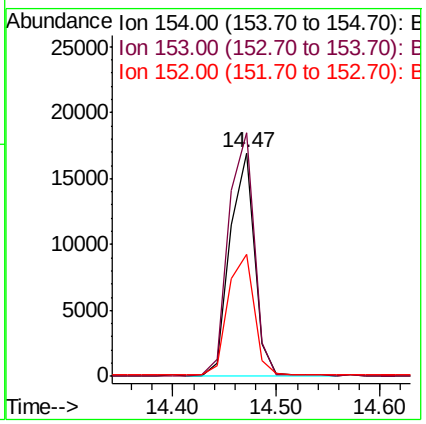


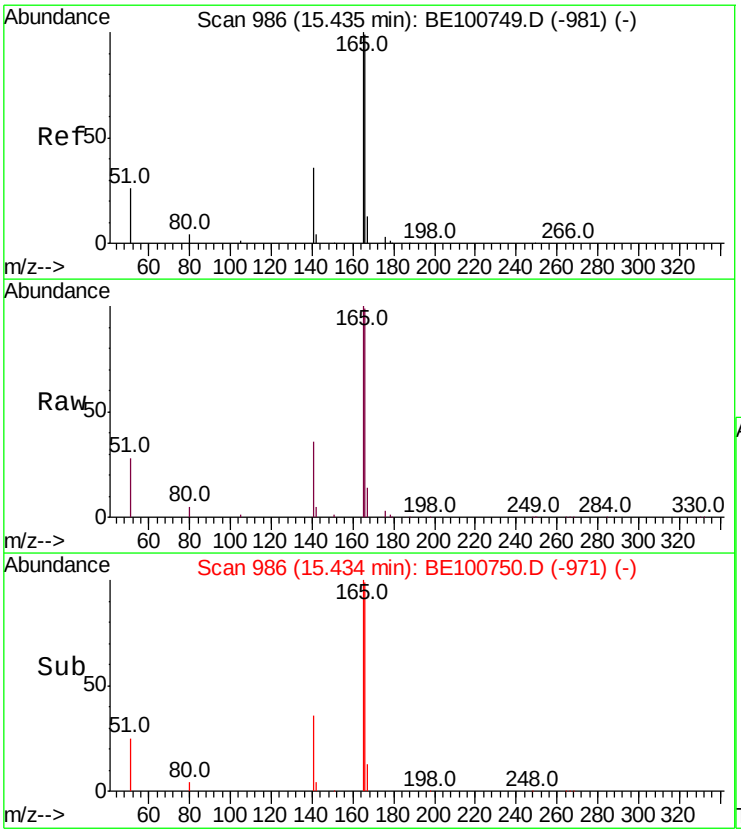
#17
Acenaphthene
Concen: 0.826 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 27572

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.6	137.4
152	58.6	47.0	70.6

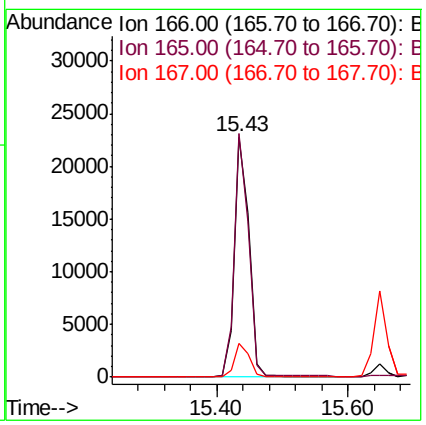


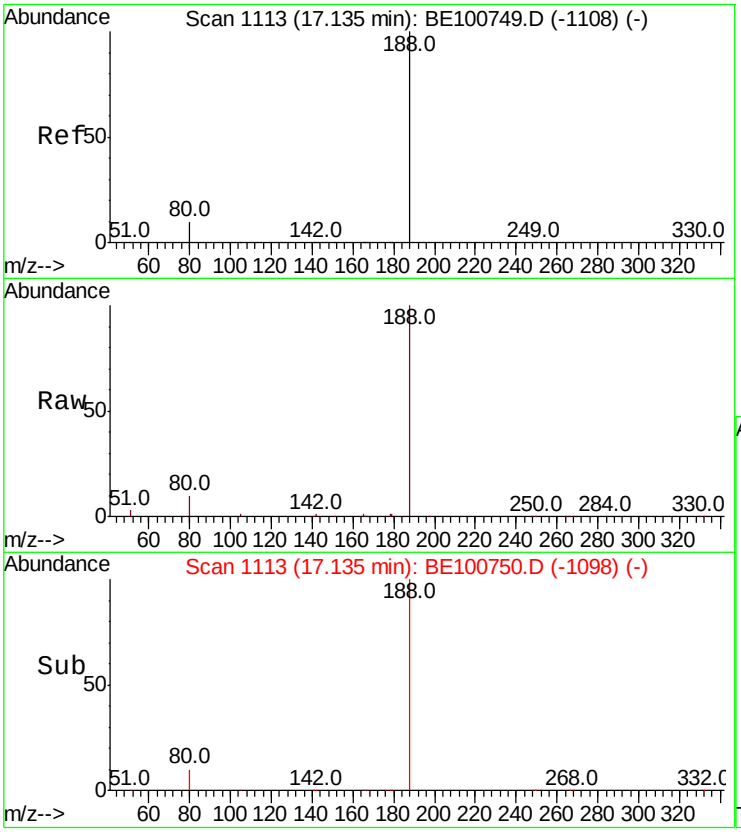


#18
Fluorene
Concen: 0.780 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:166 Resp: 35656

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.2	120.4
167	13.5	11.0	16.4



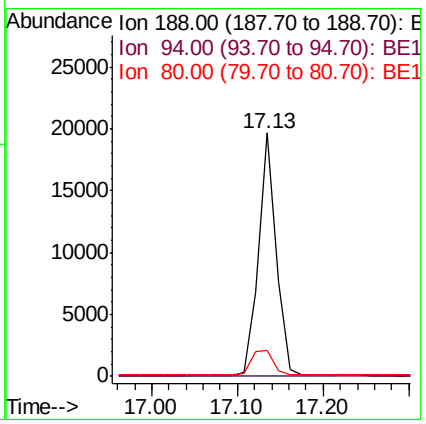


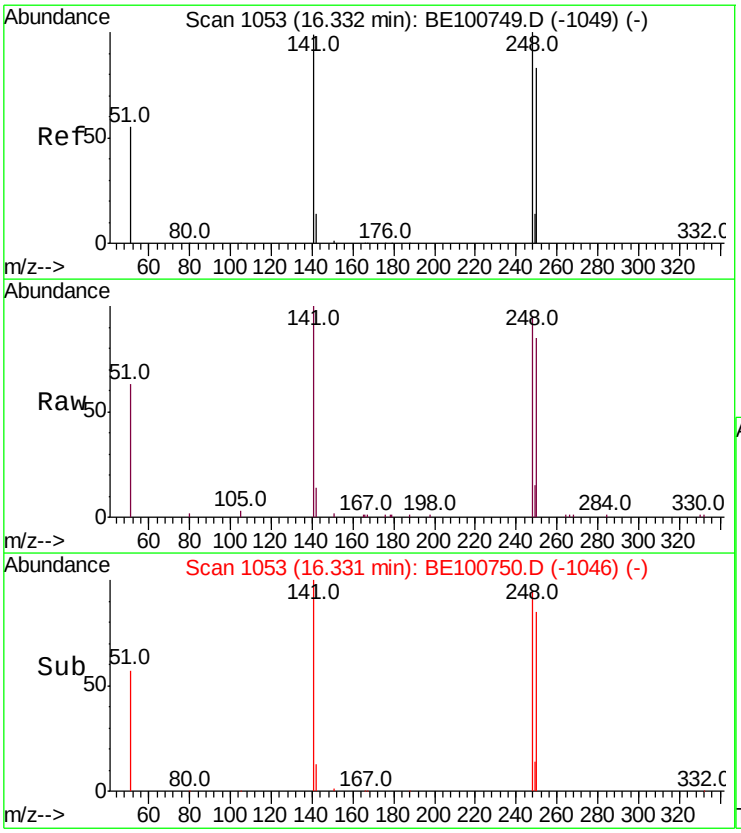
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 27993

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.2	12.2

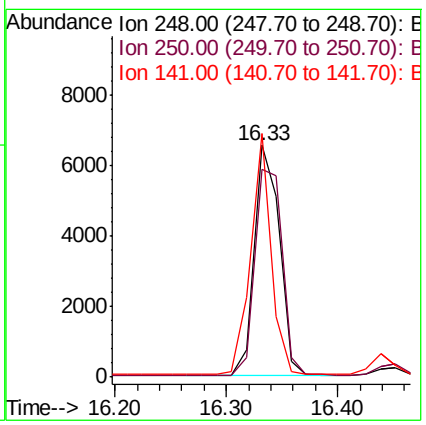


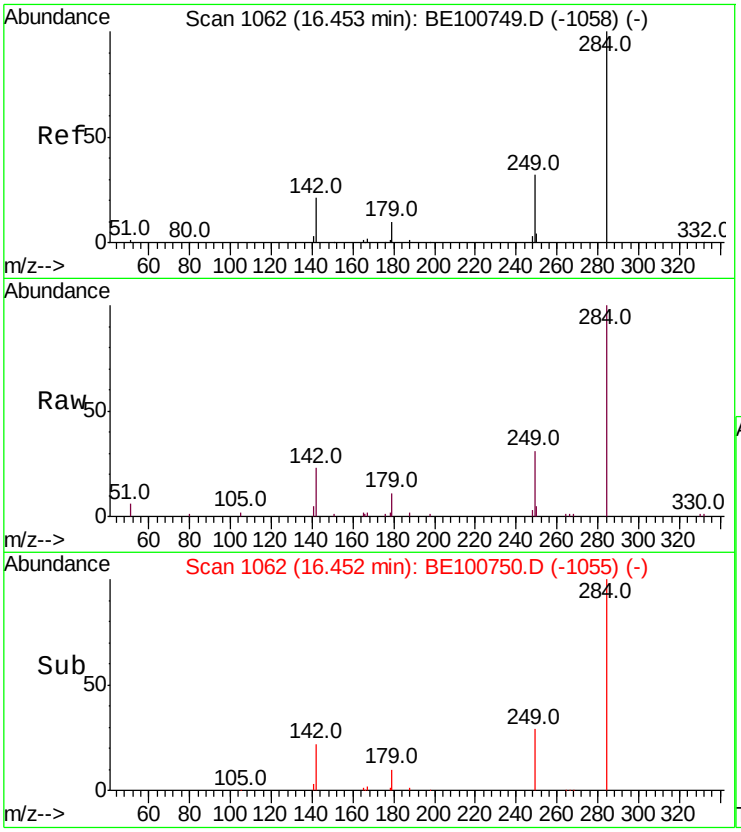


#20
4-Bromophenyl-phenylether
Concen: 0.692 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:248 Resp: 10236

Ion	Ratio	Lower	Upper
248	100		
250	89.7	66.3	99.5
141	105.1	79.6	119.4



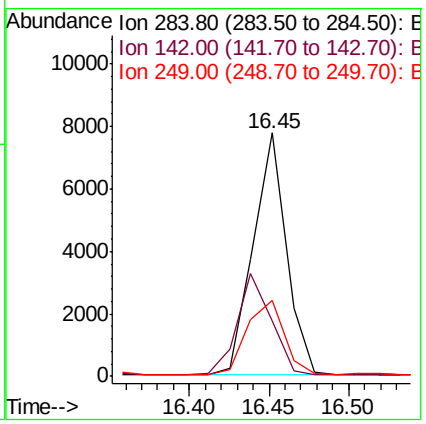


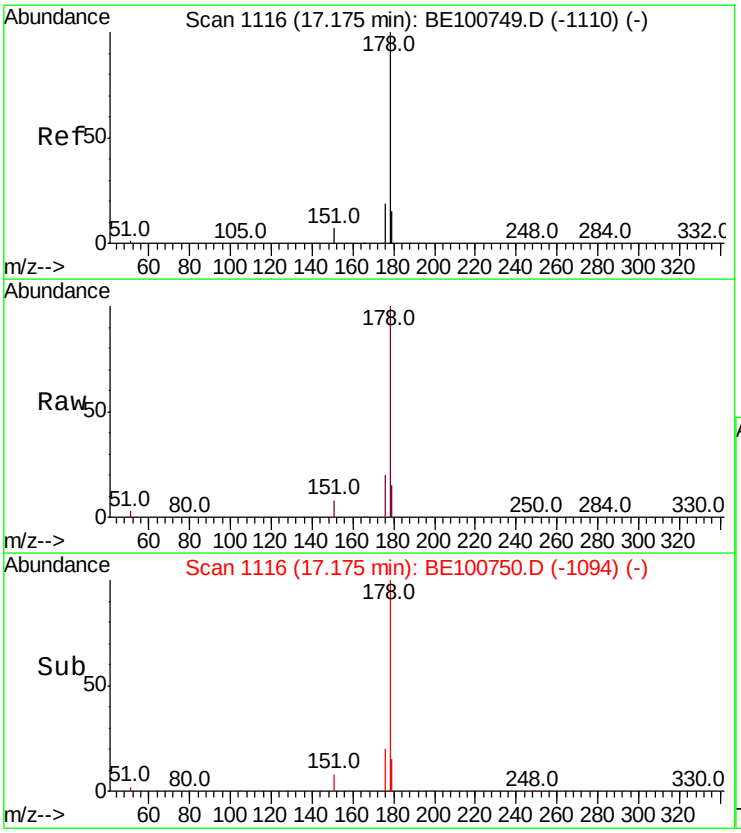
#21
Hexachlorobenzene
Concen: 0.772 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 11092

Ion	Ratio	Lower	Upper
284	100		
142	42.5	34.9	52.3
249	34.1	28.7	43.1

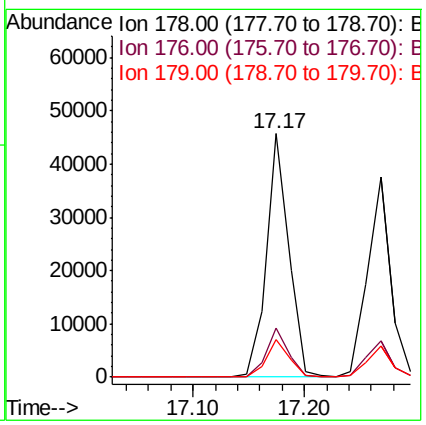


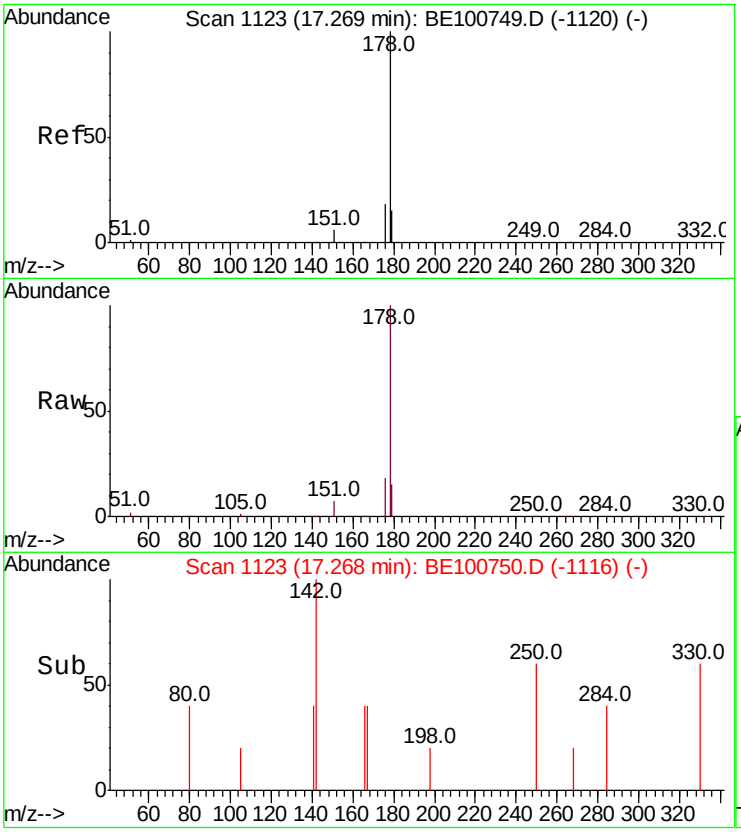


#23
Phenanthrene
Concen: 0.838 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:178 Resp: 63923

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.5	18.7



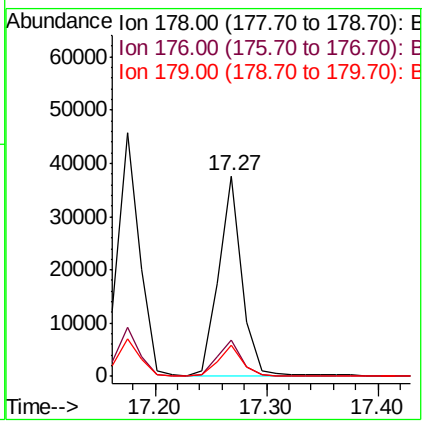


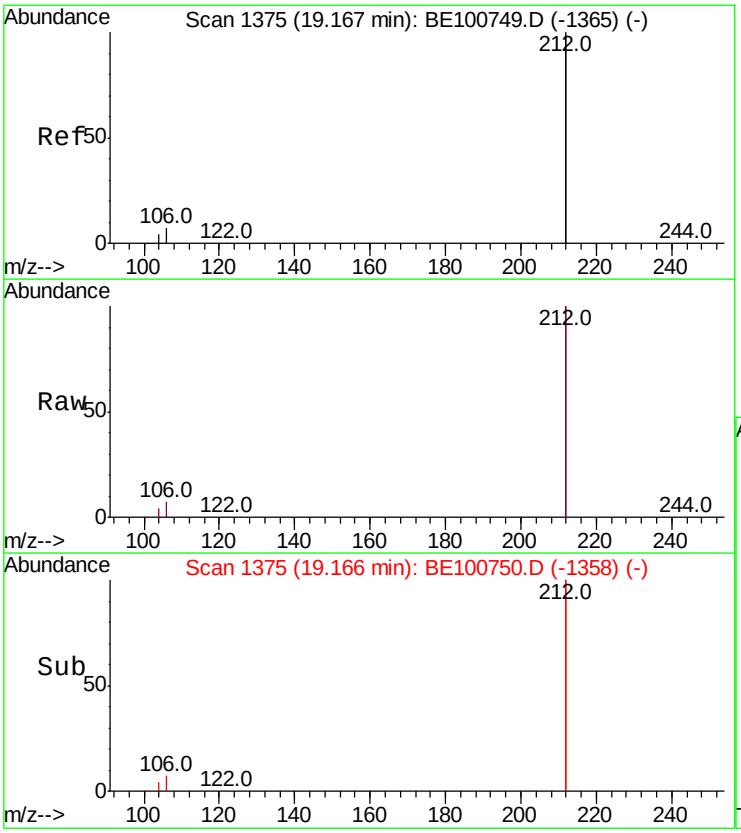
#24
Anthracene
Concen: 0.792 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 53968

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.2	18.4

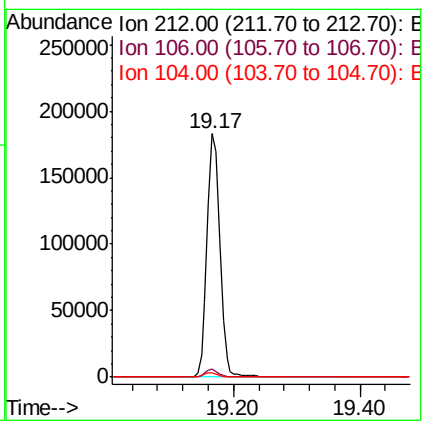


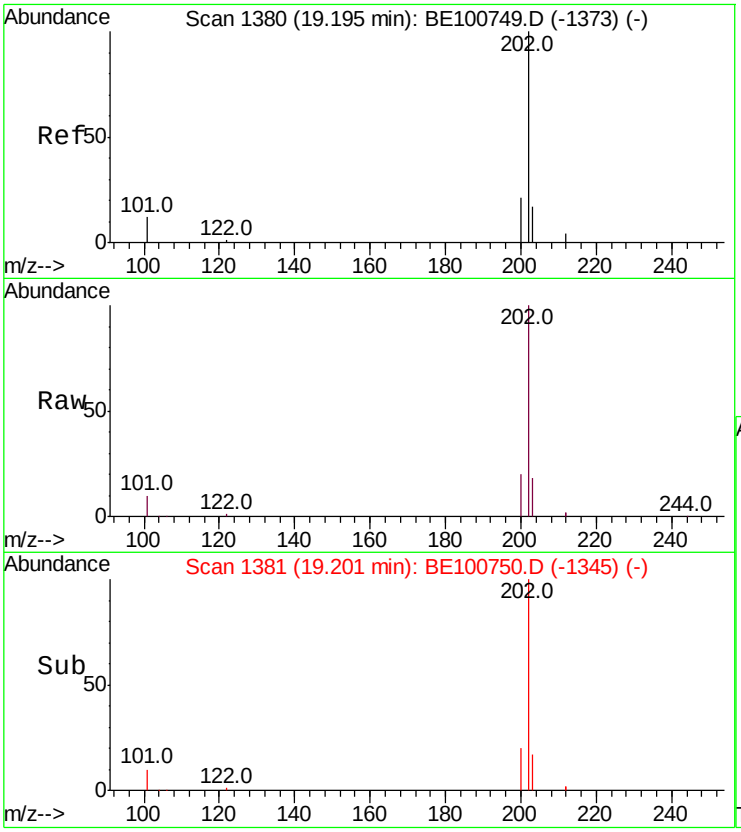


#25
Fluoranthene-d10
Concen: 0.685 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:212 Resp: 253302

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.8	1.5	2.3



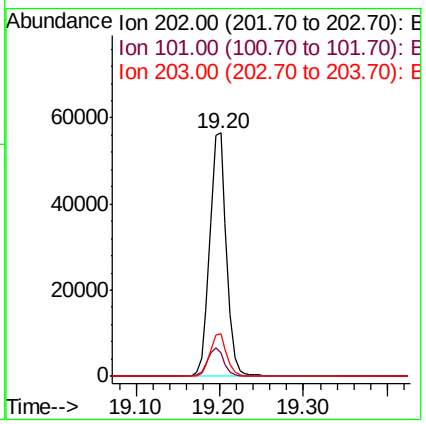


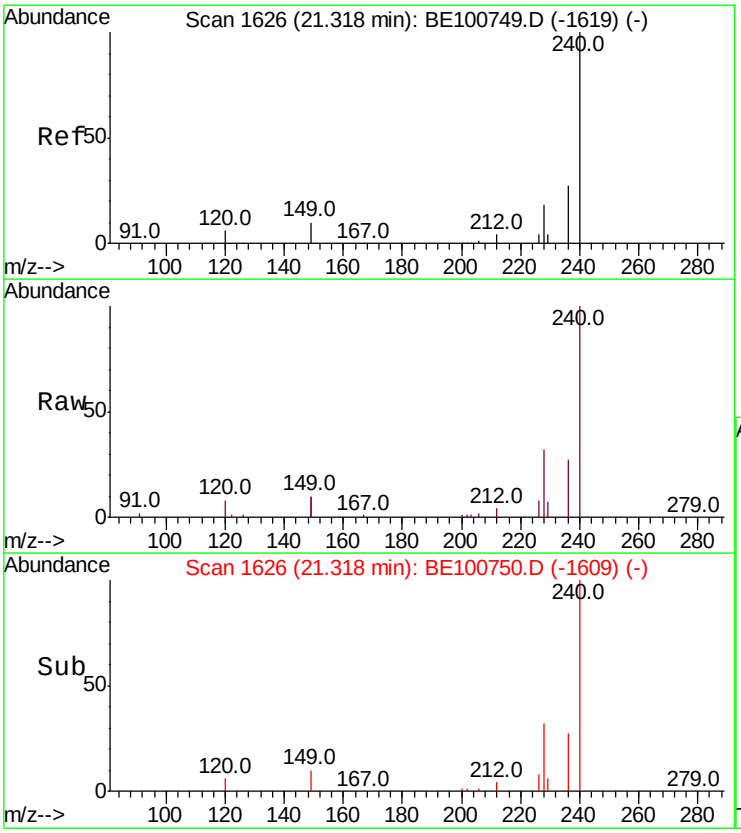
#26
Fluoranthene
Concen: 0.761 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 77523

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
203	17.3	13.8	20.8

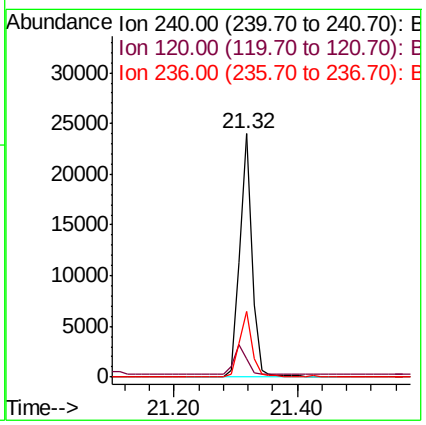


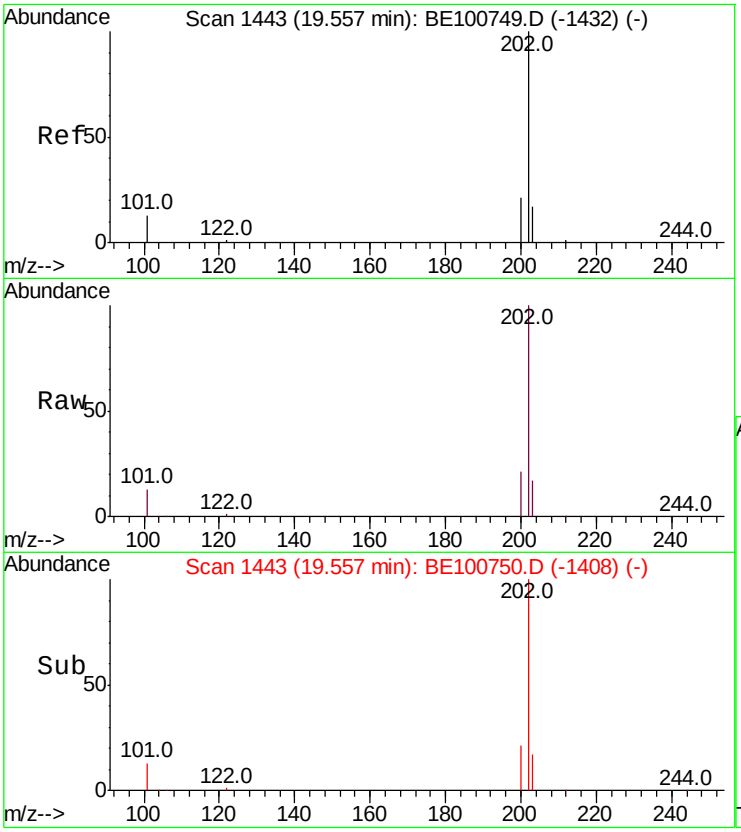


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:240 Resp: 32272

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.8	8.8
236	26.8	21.9	32.9



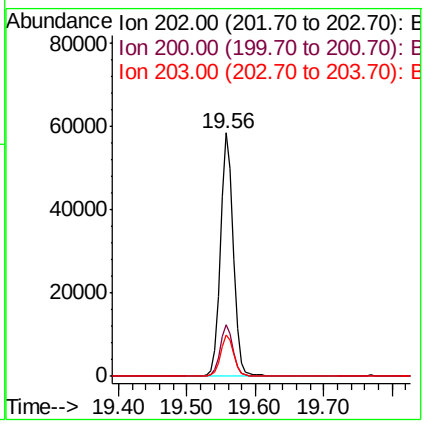


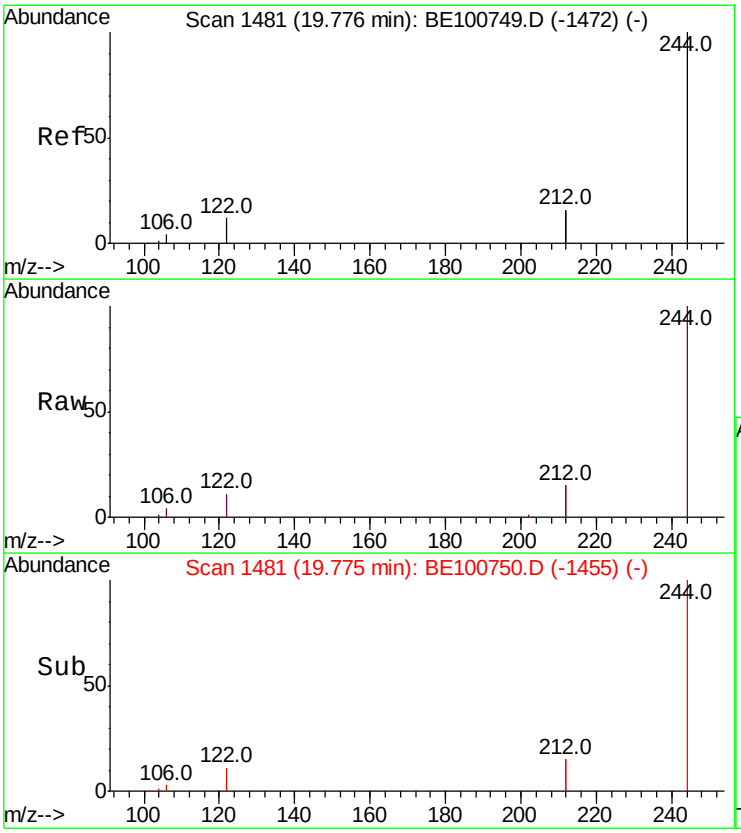
#28
Pyrene
Concen: 0.863 ng
RT: 19.56 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 77407

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.3	14.0	21.0

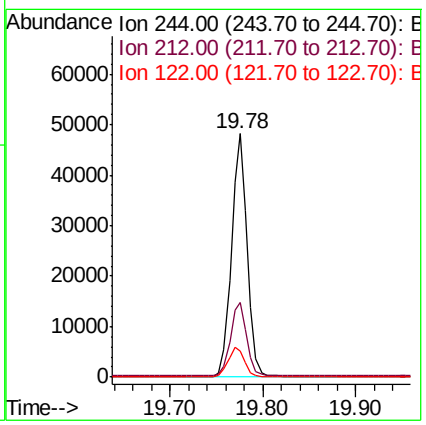


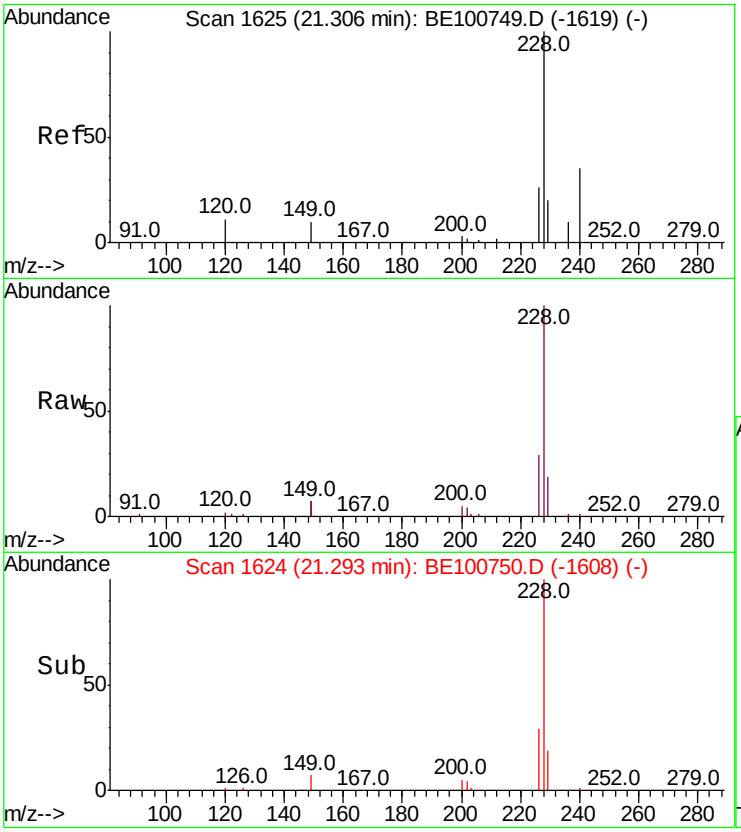


#29
Terphenyl-d14
Concen: 0.738 ng
RT: 19.78 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:244 Resp: 56834

Ion	Ratio	Lower	Upper
244	100		
212	30.8	25.2	37.8
122	10.7	9.8	14.6



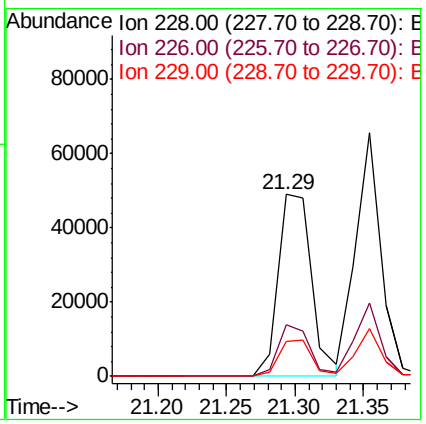


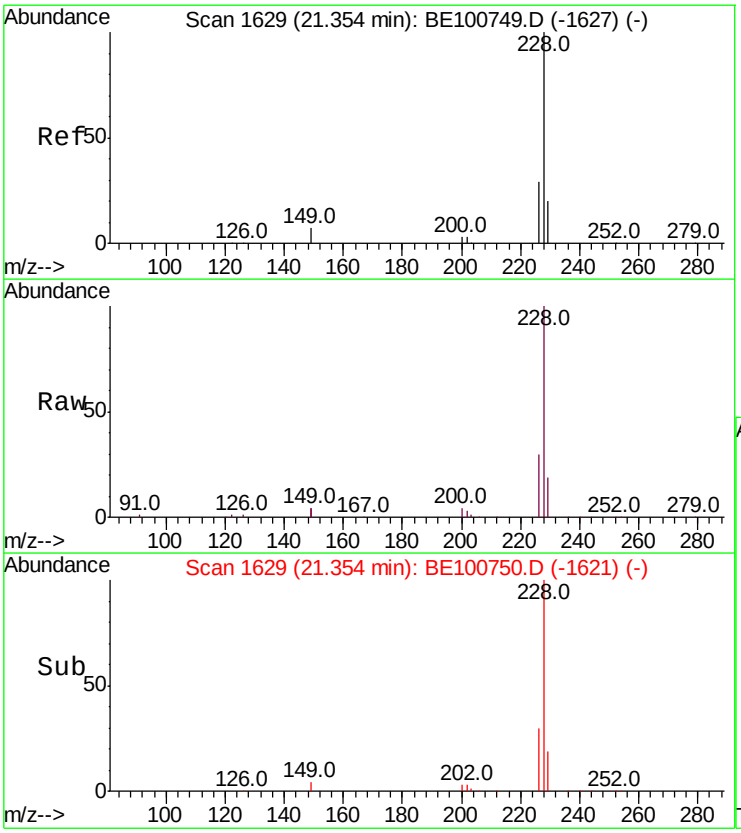
#30
Benzo(a)anthracene
Concen: 0.796 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 82430

Ion	Ratio	Lower	Upper
228	100		
226	28.6	20.7	31.1
229	19.1	16.2	24.2

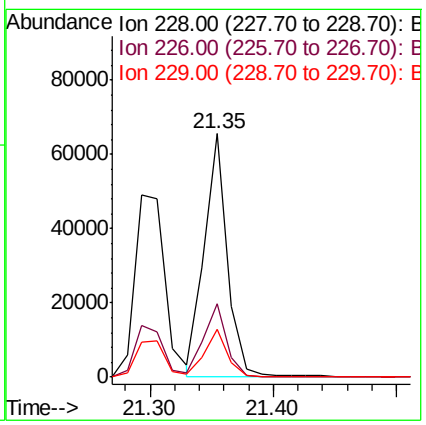


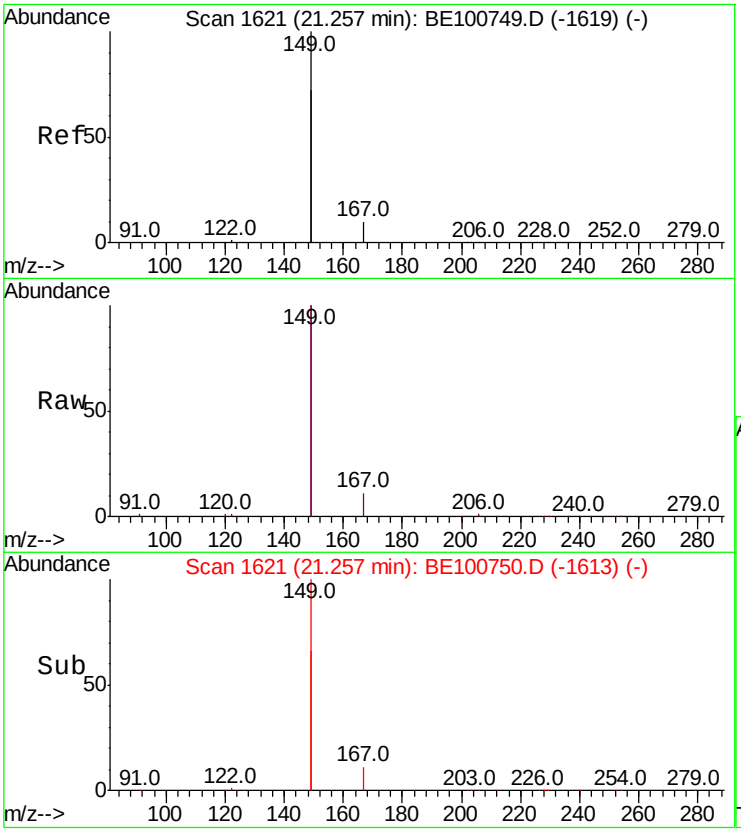


#31
Chrysene
Concen: 0.805 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:228 Resp: 84627

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	19.5	15.9	23.9



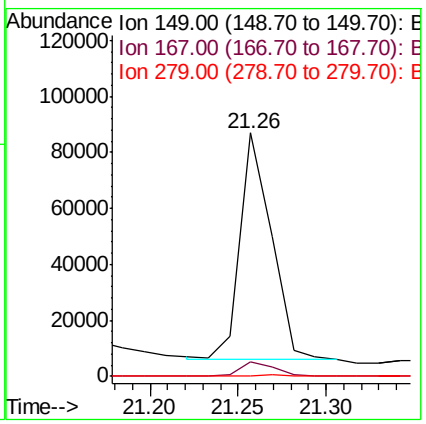


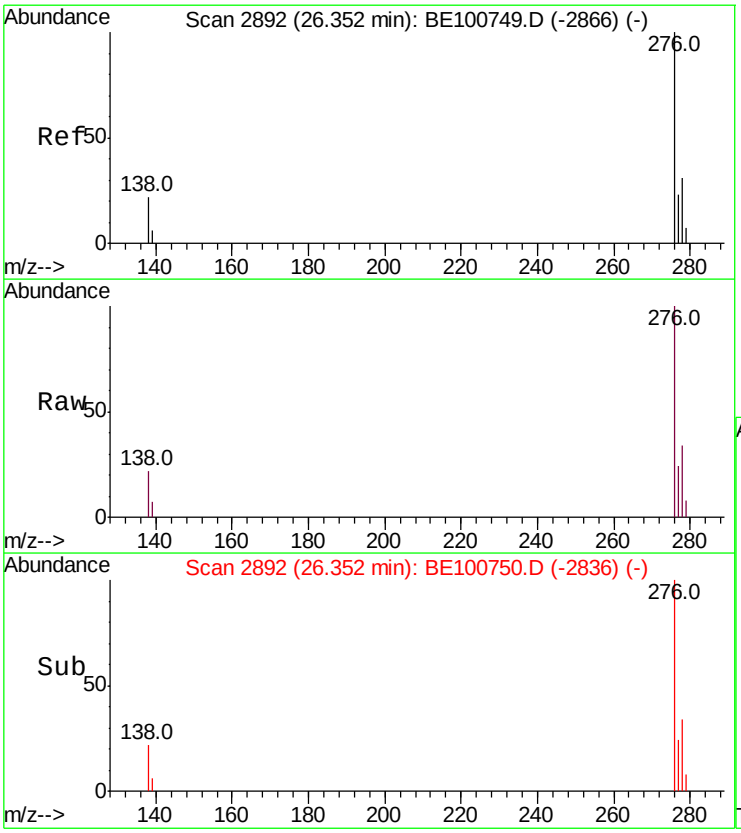
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.547 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 100582

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.5	8.3
279	0.8	0.7	1.1

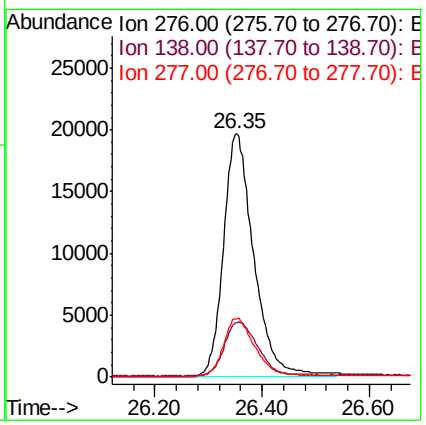


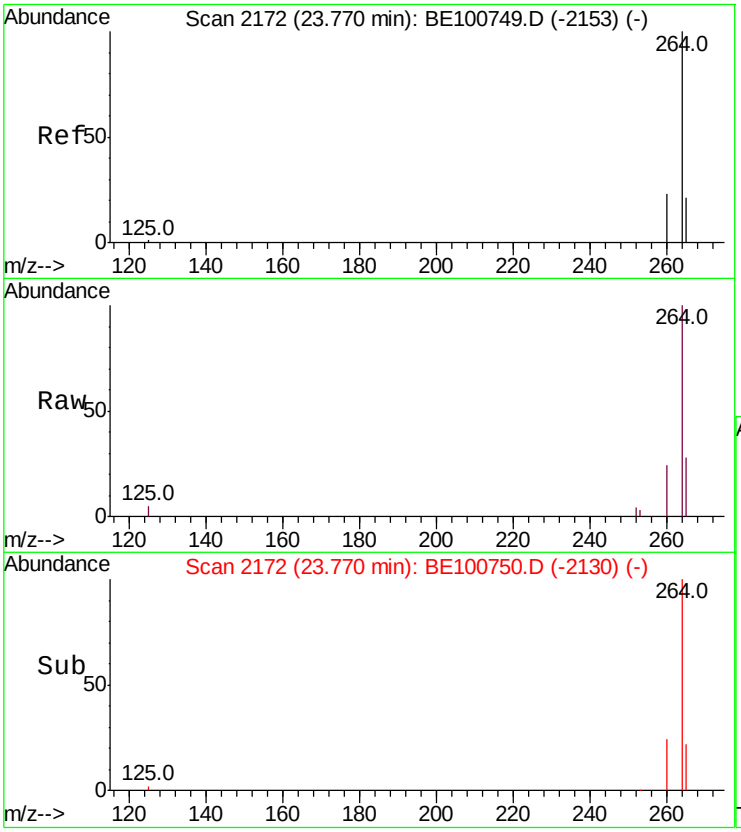


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.625 ng
RT: 26.35 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:276 Resp: 76982

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.6
277	24.6	19.7	29.5



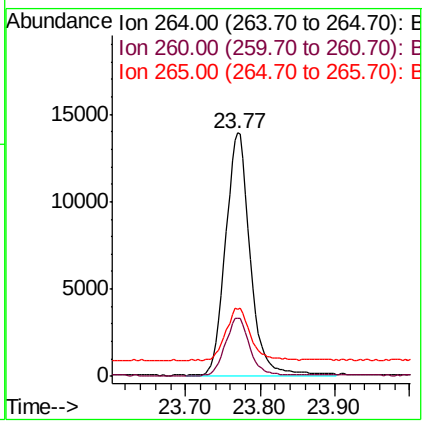


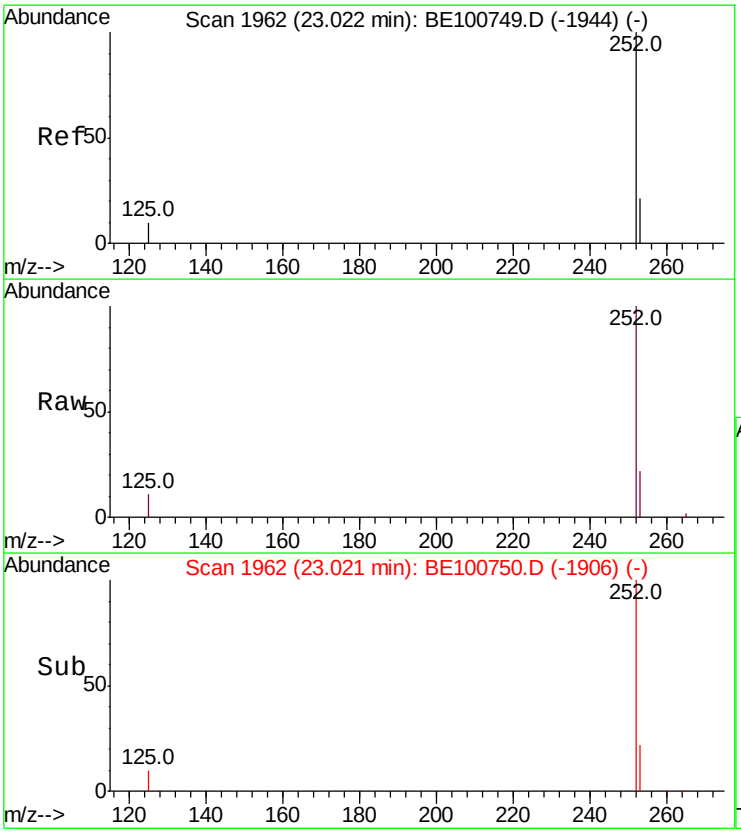
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 31776

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	27.6	22.4	33.6

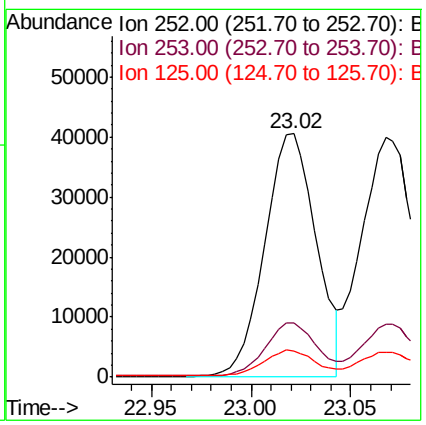


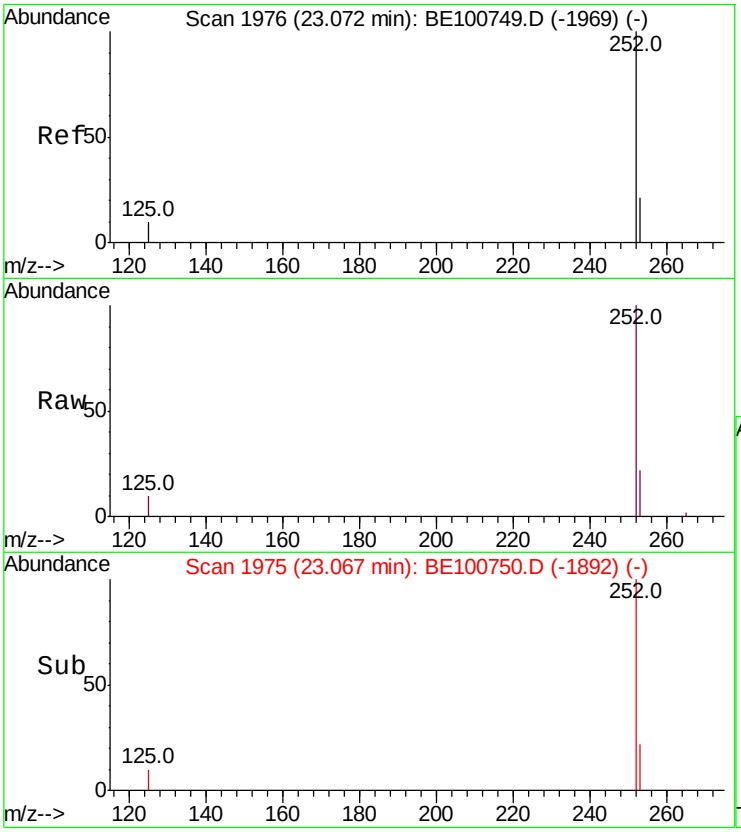


#35
Benzo(b)fluoranthene
Concen: 0.779 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:252 Resp: 72220

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.5	9.1	13.7



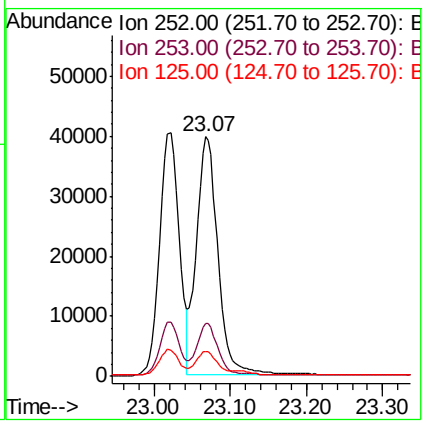


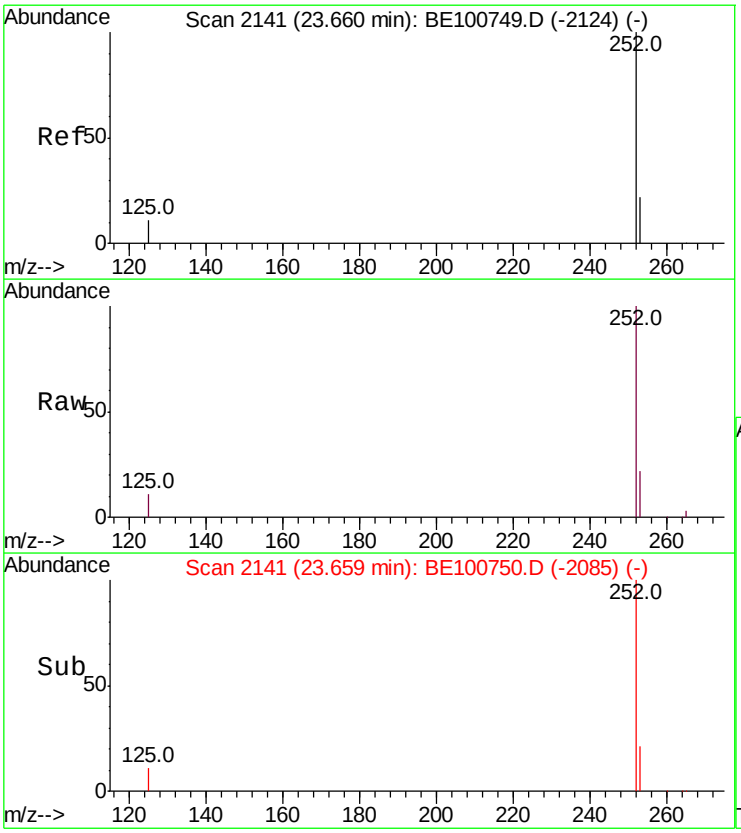
#36
Benzo(k)fluoranthene
Concen: 0.812 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 78864

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.5	9.0	13.4

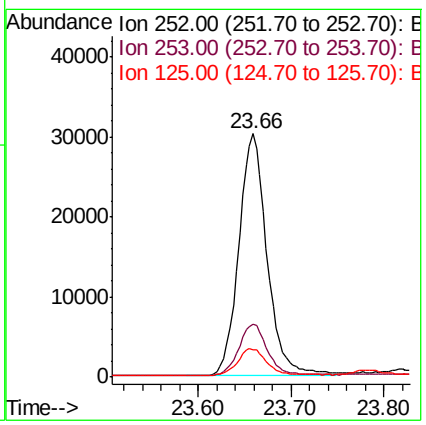


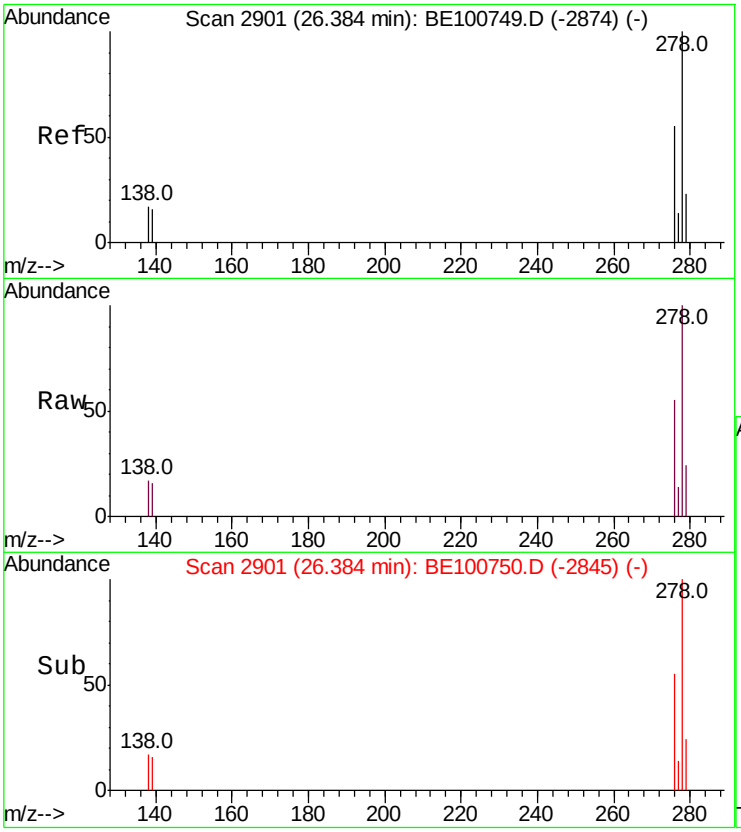


#37
Benzo(a)pyrene
Concen: 0.738 ng
RT: 23.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:252 Resp: 63784

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	11.4	10.5	15.7



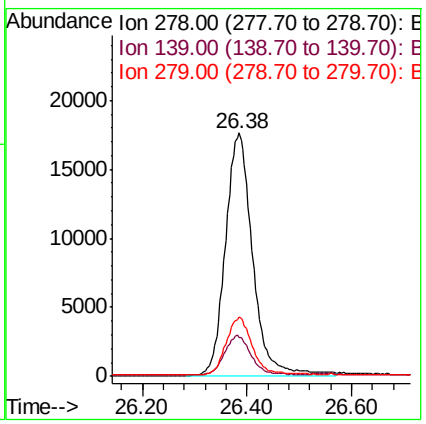


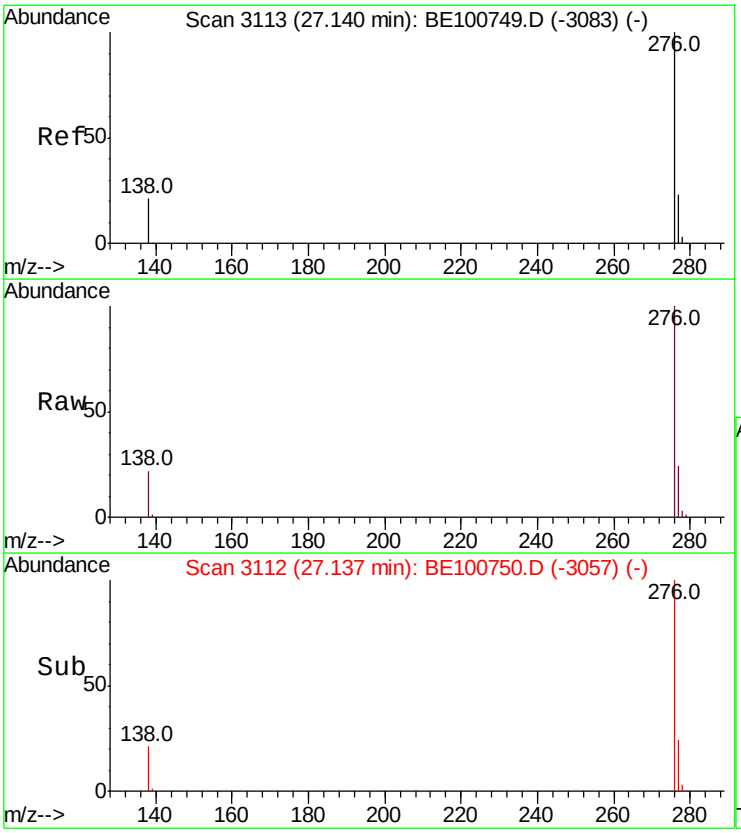
#38
Dibenzo(a,h)anthracene
Concen: 0.703 ng
RT: 26.38 min Scan# 2901
Delta R.T. 0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 63311

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.2	19.8
279	24.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.735 ng
RT: 27.14 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BE100750.D
Acq: 21 Nov 2019 18:27

Tgt Ion:276 Resp: 64925

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.5	17.8	26.8