Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
Data File : BE100722.D
Acq On : 14 Nov 2019 15:46
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 14 17:15:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1941	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	8226	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	5337	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	12772	0.40	ng		0.00
27) Chrysene-d12	21.29	240	16908	0.40	ng		0.00
34) Perylene-d12	23.73	264	18791	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	4277	0.71	ng		0.00
5) Phenol-d6	6.94	99	6049	0.72	ng		0.00
8) Nitrobenzene-d5	8.91	82	5240	1.03	ng		0.00
11) 2-Methylnaphthalene-d10	12.15	152	9924	0.77	ng		0.00
14) 2,4,6-Tribromophenol	15.89	330	346	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	14848	0.76	ng		0.00
25) Fluoranthene-d10	19.16	212	125152	0.76	ng		0.00
29) Terphenyl-d14	19.76	244	30486	0.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	2535	0.732	ng		91
3) n-Nitrosodimethylamine	3.59	42	2535	0.692	ng	#	98
6) bis(2-Chloroethyl)ether	7.20	93	5385	0.776	ng		98
9) Naphthalene	10.60	128	65229	0.754	ng		100
10) Hexachlorobutadiene	10.90	225	3028	0.806	ng		97
12) 2-Methylnaphthalene	12.22	142	11174	0.758	ng		96
16) Acenaphthylene	14.13	152	16021	0.698	ng		99
17) Acenaphthene	14.47	154	10604	0.714	ng		99
18) Fluorene	15.43	166	14685	0.745	ng		100
20) 4-Bromophenyl-phenylether	16.33	248	4977	0.766	ng		96
21) Hexachlorobenzene	16.45	284	4878	0.788	ng		98
22) Pentachlorophenol	16.75	266	6	0.003	ng		98
23) Phenanthrene	17.17	178	25636	0.730	ng		99
24) Anthracene	17.25	178	22681	0.696	ng		99
26) Fluoranthene	19.18	202	34659	0.756	ng		99
28) Pyrene	19.55	202	35480	0.751	ng		99
30) Benzo(a)anthracene	21.28	228	40905	0.742	ng		100
31) Chrysene	21.33	228	41597	0.755	ng		100
32) Bis(2-ethylhexyl)phthalate	21.22	149	63635	0.552	ng		99
33) Indeno(1,2,3-cd)pyrene	26.29	276	48399	0.714	ng		100
35) Benzo(b)fluoranthene	22.99	252	41198	0.752	ng		98
36) Benzo(k)fluoranthene	23.03	252	43980	0.780	ng		99
37) Benzo(a)pyrene	23.62	252	38989	0.764	ng		97
38) Dibenzo(a,h)anthracene	26.31	278	40151	0.762	ng		98
39) Benzo(g,h,i)perylene	27.07	276	39476	0.745	ng		99

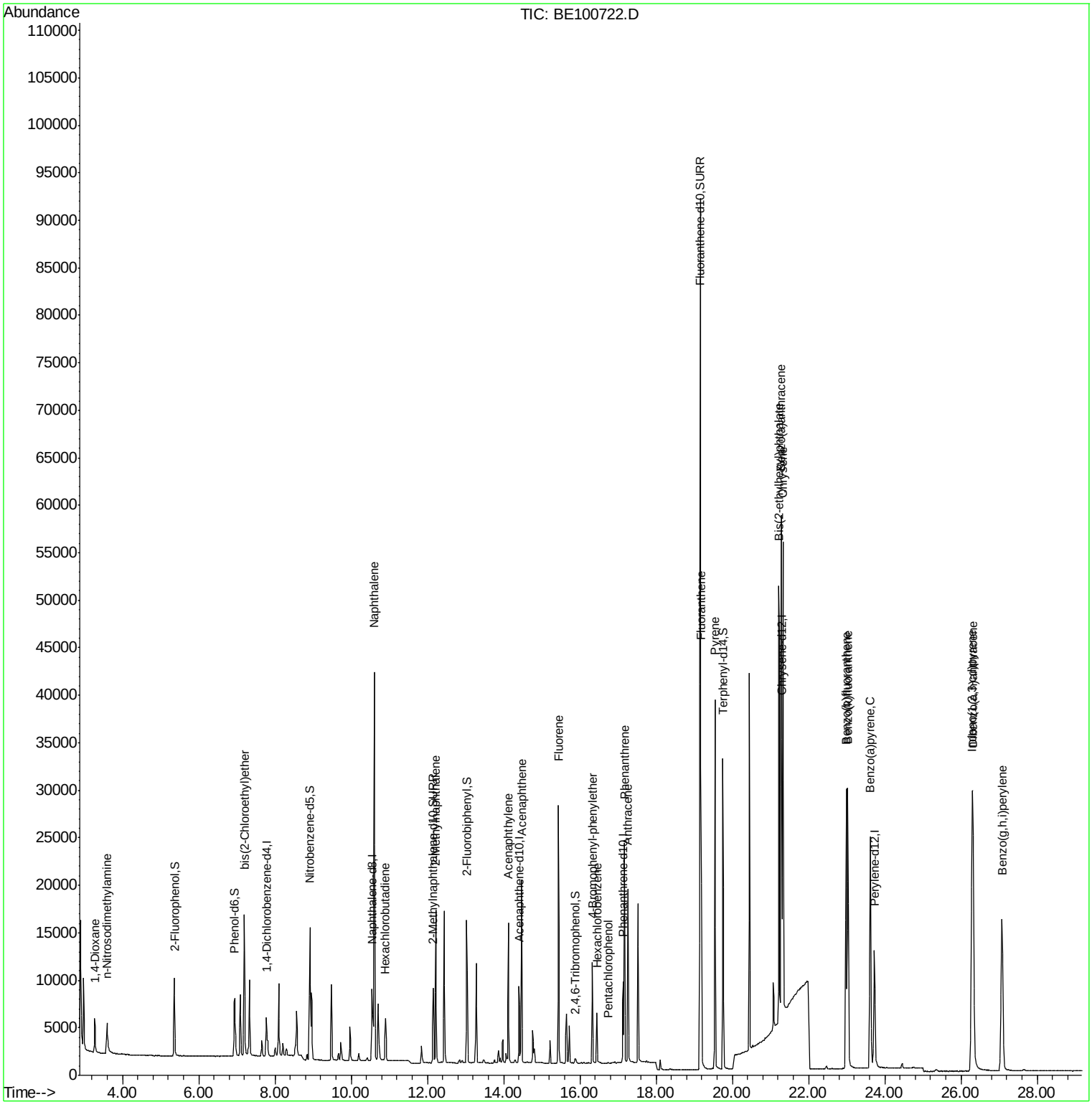
(#) = qualifier out of range (m) = manual integration (+) = signals summed

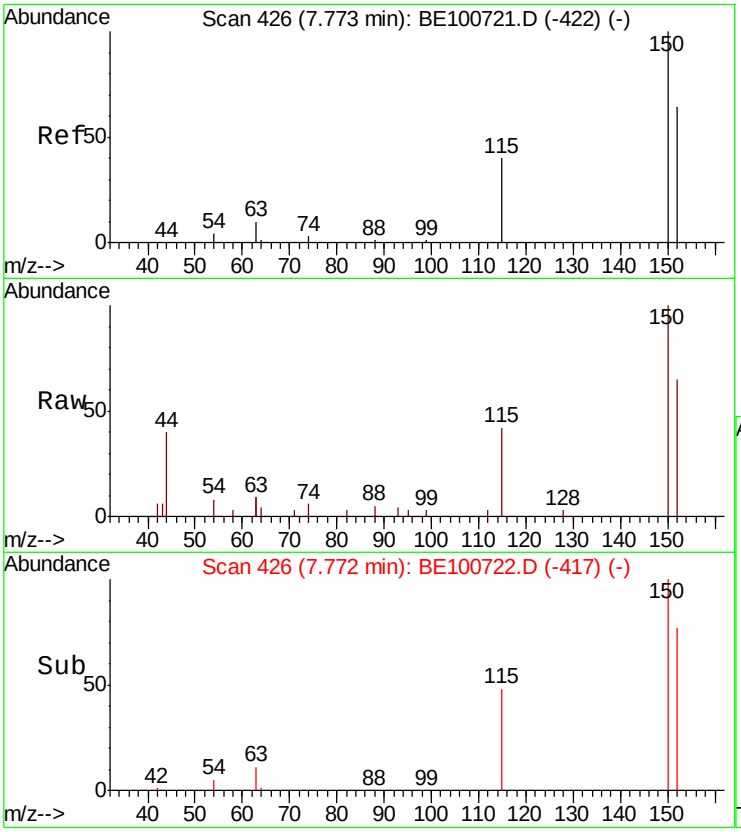
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
Data File : BE100722.D
Acq On : 14 Nov 2019 15:46
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 14 17:15:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 16:59:41 2019
Response via : Initial Calibration



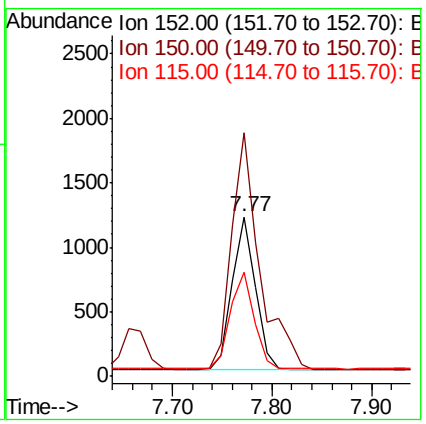


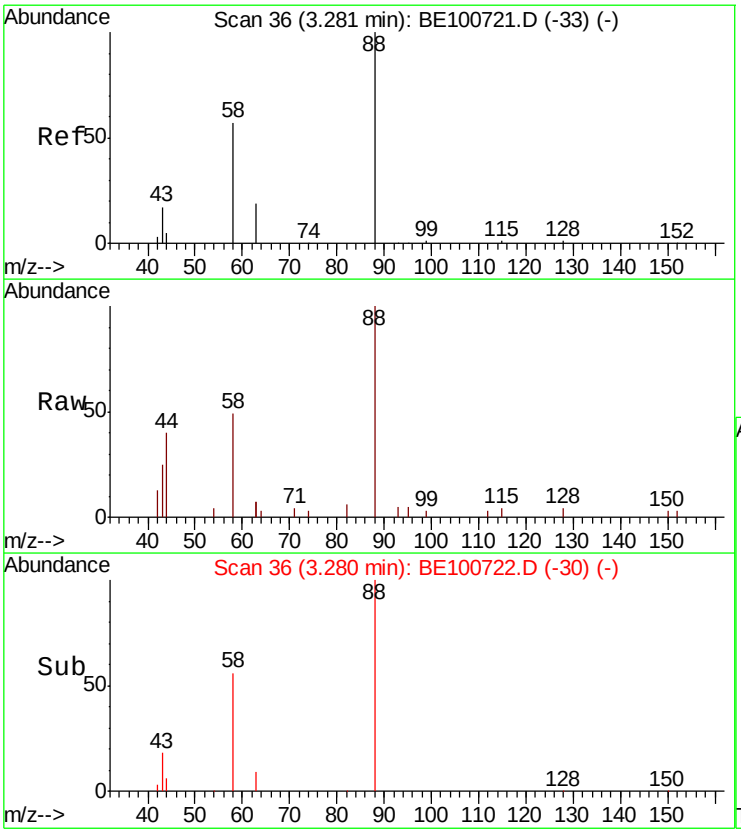
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1941

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.4	185.0
115	64.9	52.1	78.1

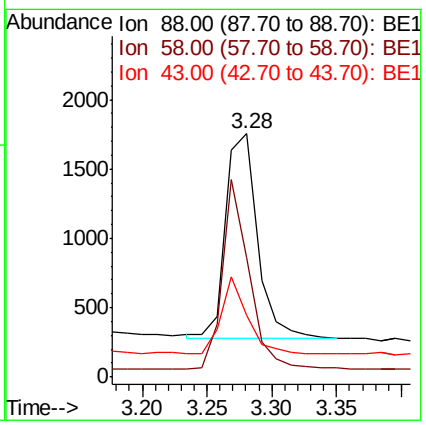


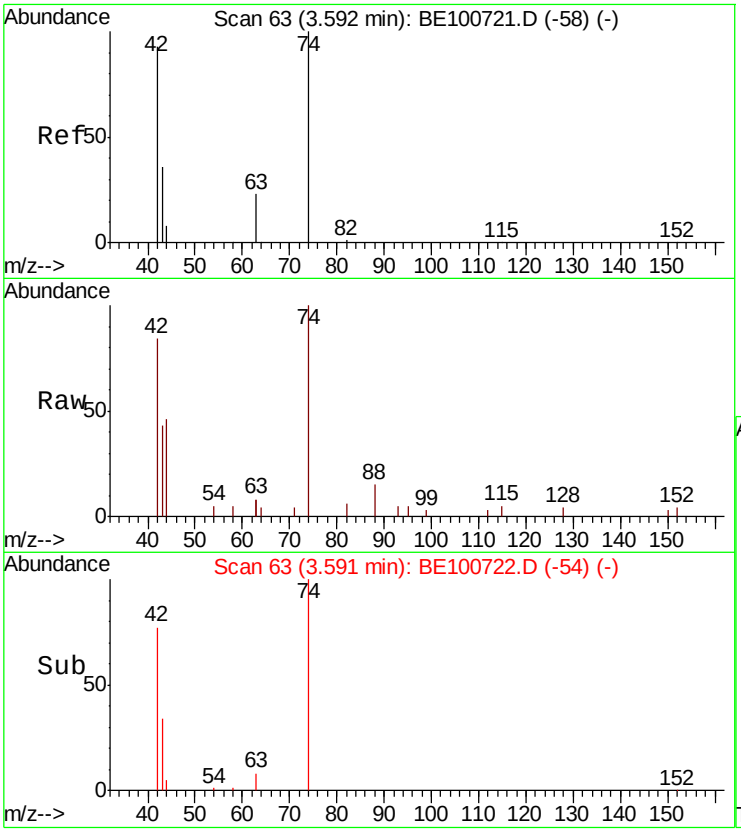


#2
1,4-Dioxane
Concen: 0.732 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion: 88 Resp: 2535

Ion	Ratio	Lower	Upper
88	100		
58	77.4	69.8	104.8
43	30.9	27.0	40.4



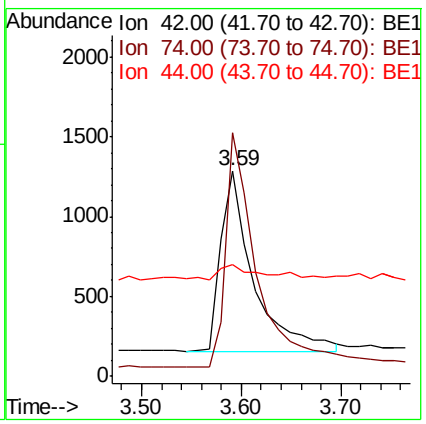


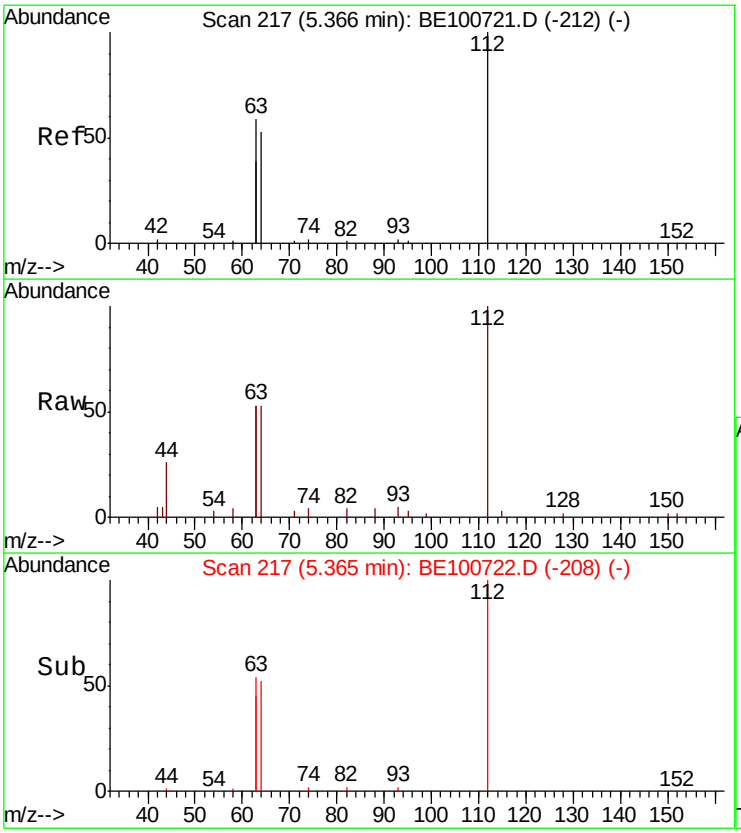
#3
n-Nitrosodimethylamine
Concen: 0.692 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2535

Ion	Ratio	Lower	Upper
42	100		
74	124.1	99.7	149.5
44	9.1	11.8	17.8#

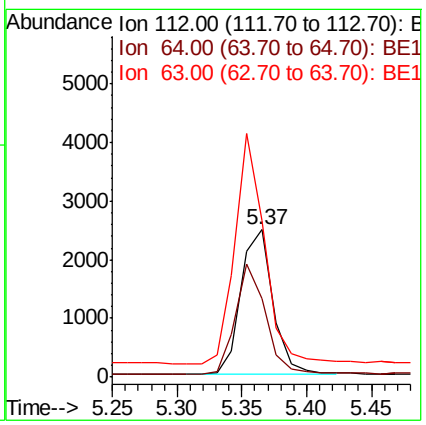


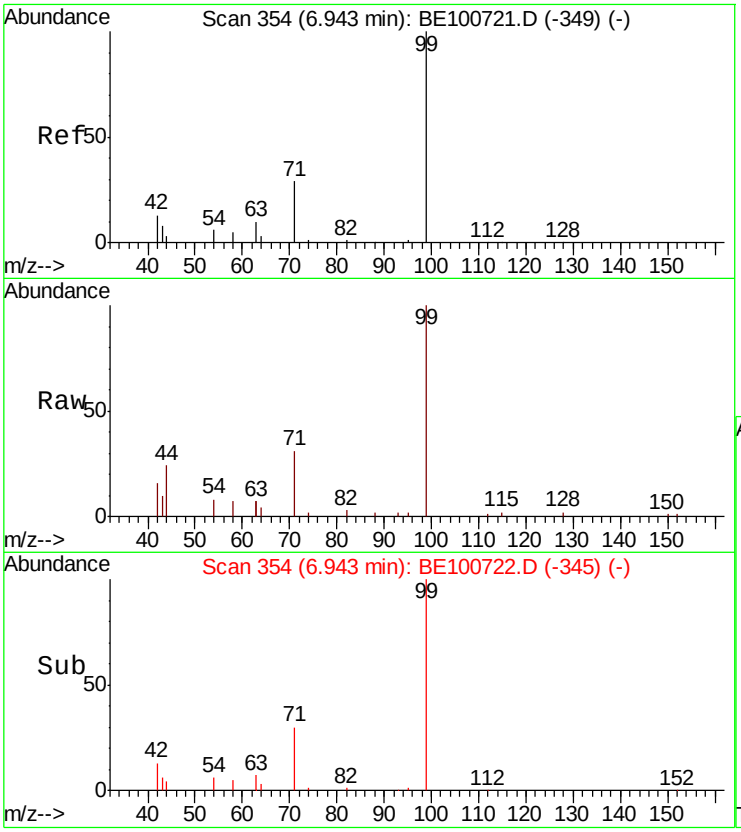


#4
2-Fluorophenol
Concen: 0.714 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:112 Resp: 4277

Ion	Ratio	Lower	Upper
112	100		
64	70.3	58.3	87.5
63	144.9	115.4	173.2



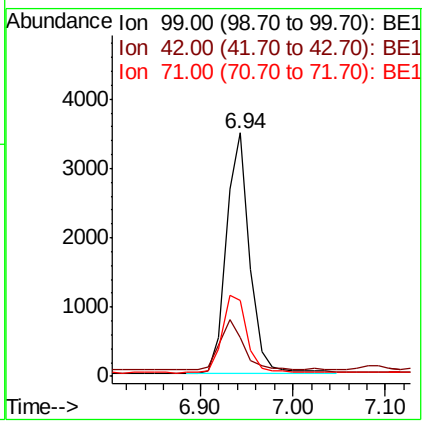


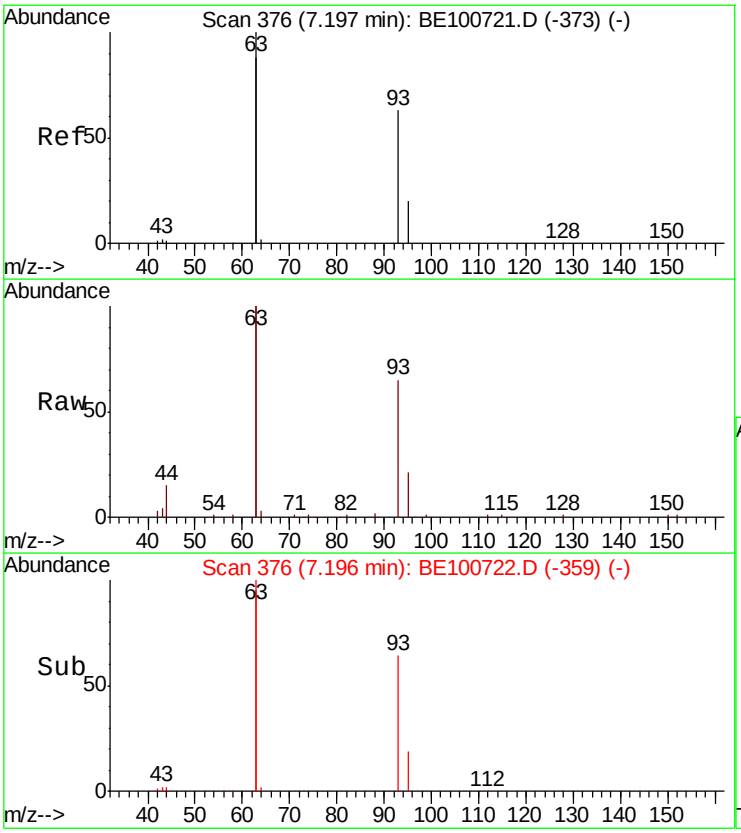
#5
Phenol-d6
Concen: 0.716 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6049

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.8	26.6
71	34.4	27.3	40.9

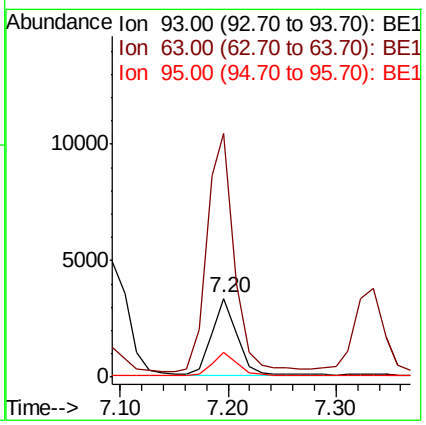


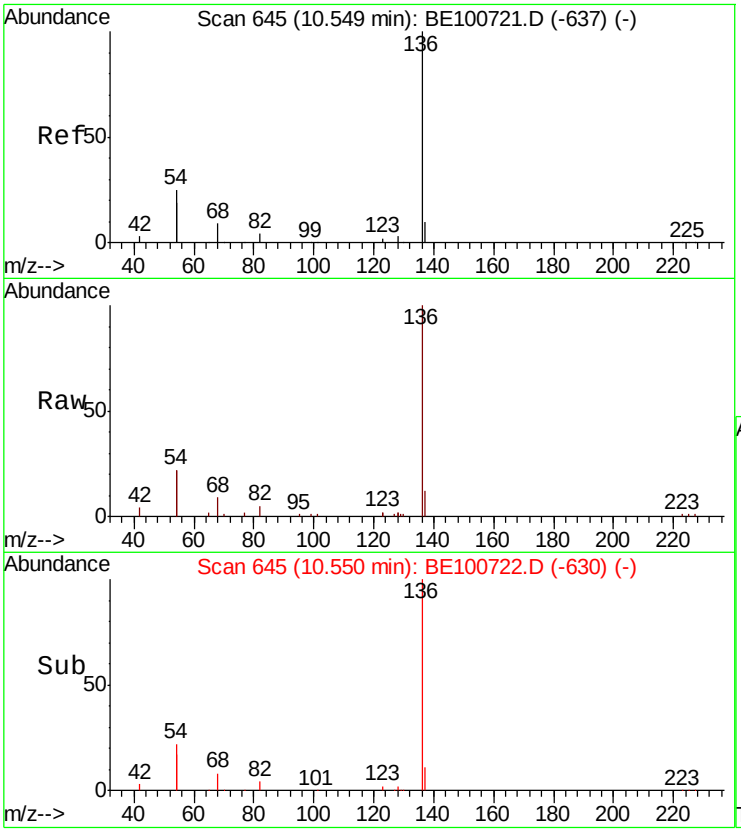


#6
bis(2-Chloroethyl)ether
Concen: 0.776 ng
RT: 7.20 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion: 93 Resp: 5385

Ion	Ratio	Lower	Upper
93	100		
63	330.8	260.7	391.1
95	30.9	24.2	36.2



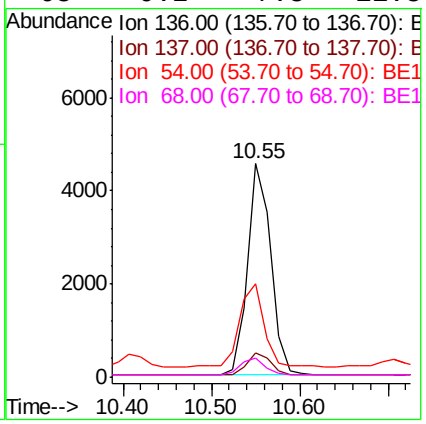


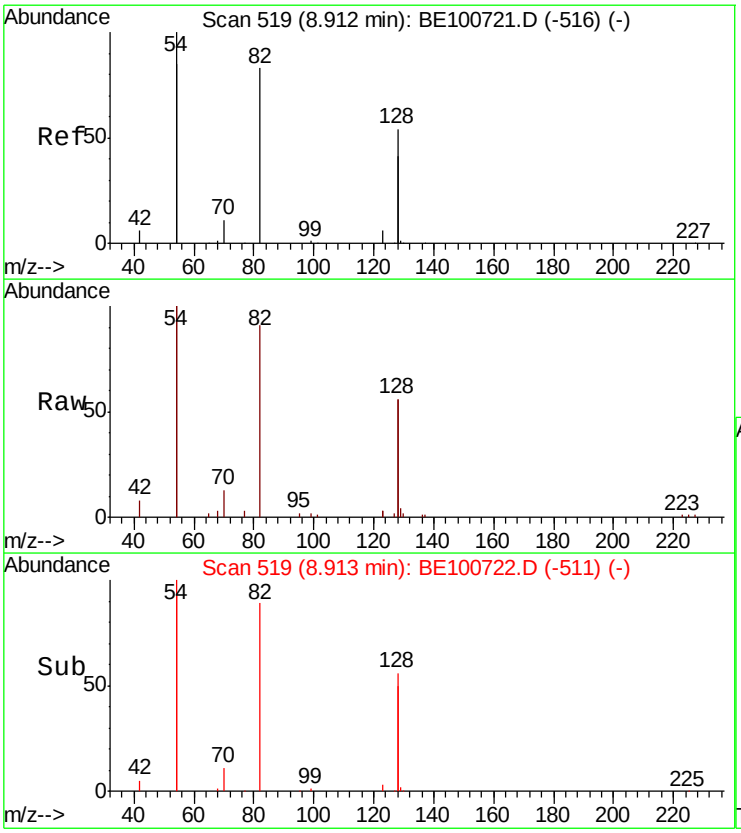
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 8226

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	43.7	39.0	58.6
68	9.2	7.8	11.8

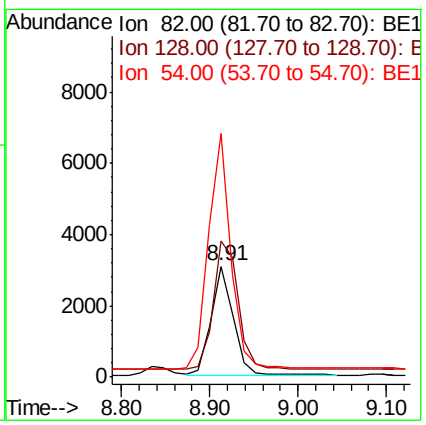


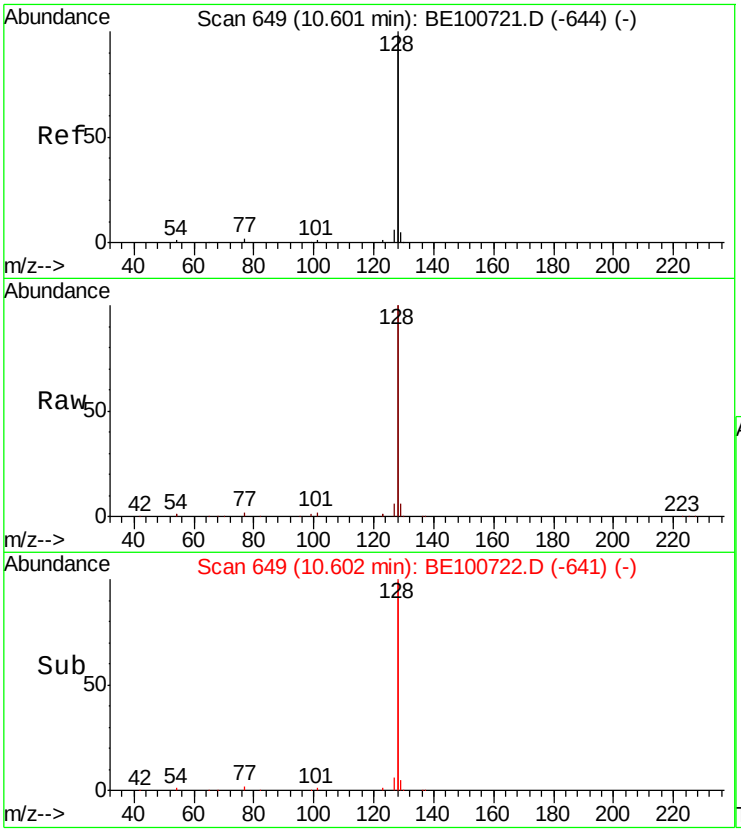


#8
Nitrobenzene-d5
Concen: 1.028 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion: 82 Resp: 5240

Ion	Ratio	Lower	Upper
82	100		
128	123.0	99.6	149.4
54	219.5	183.8	275.8



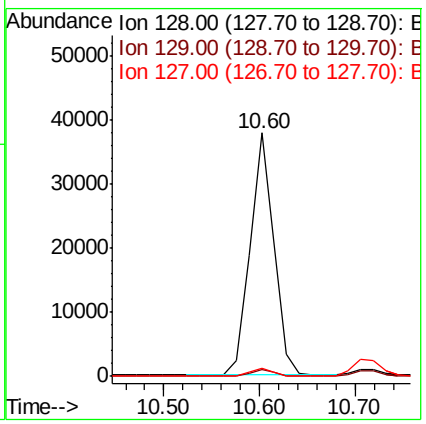


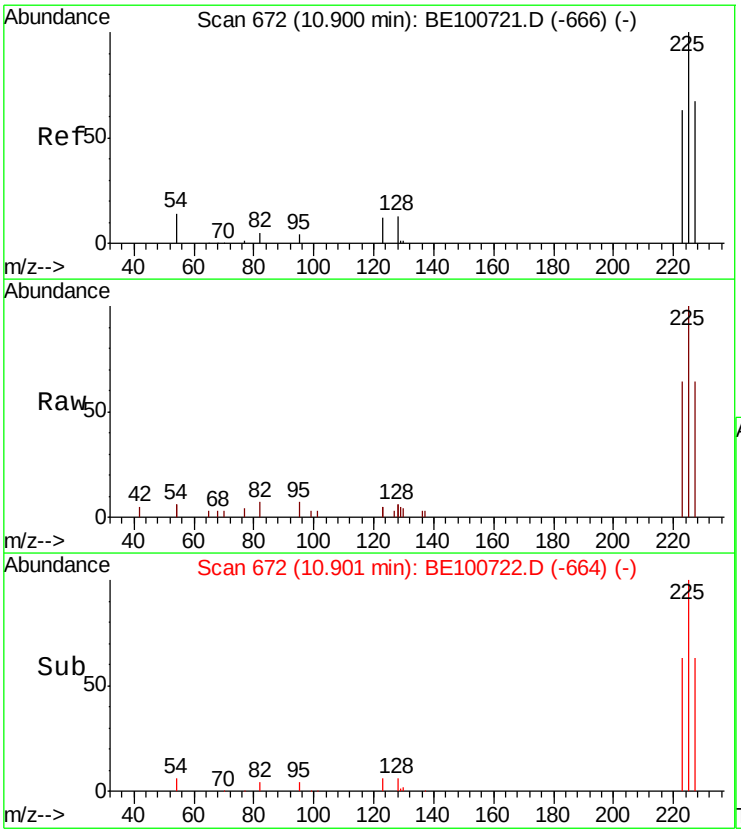
#9
Naphthalene
Concen: 0.754 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 65229

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.2	2.7	4.1

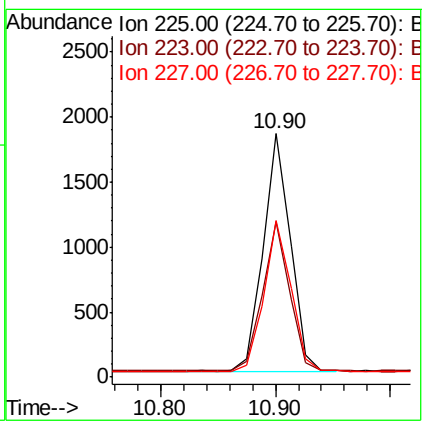


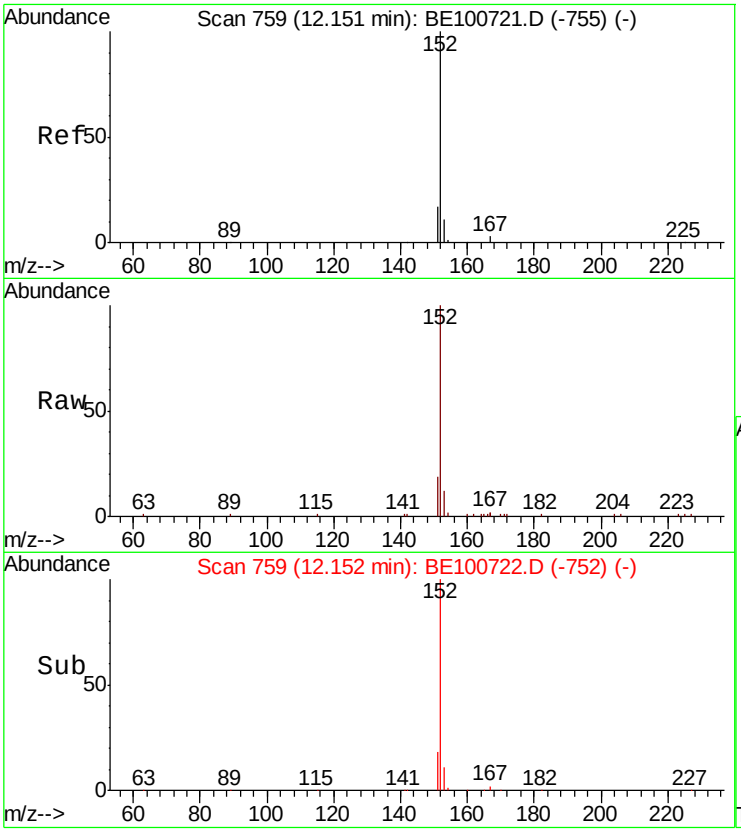


#10
Hexachlorobutadiene
Concen: 0.806 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:225 Resp: 3028

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	63.0	53.0	79.6



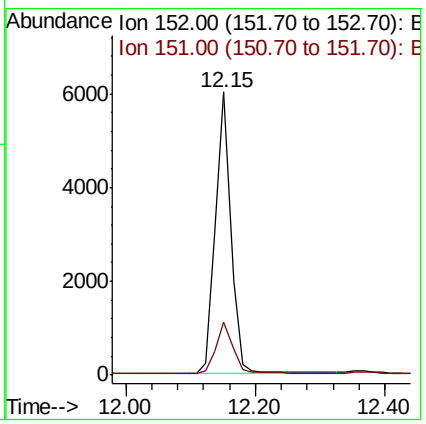


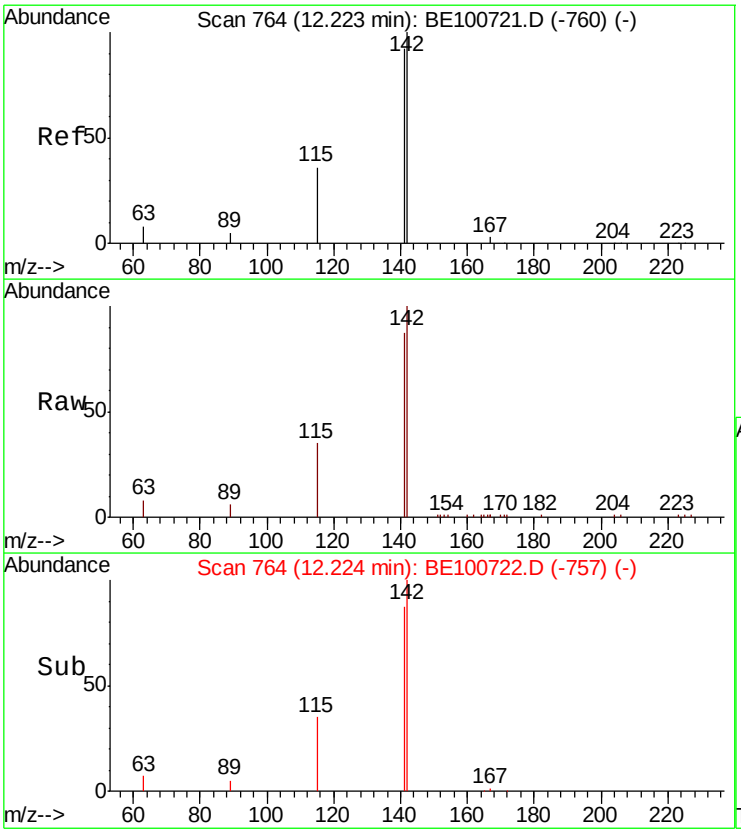
#11
2-Methylnaphthalene-d10
Concen: 0.765 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9924

Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.2	21.4

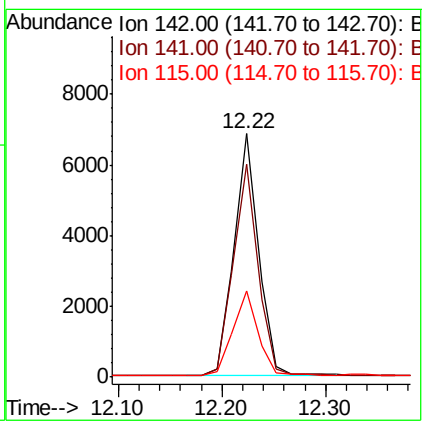


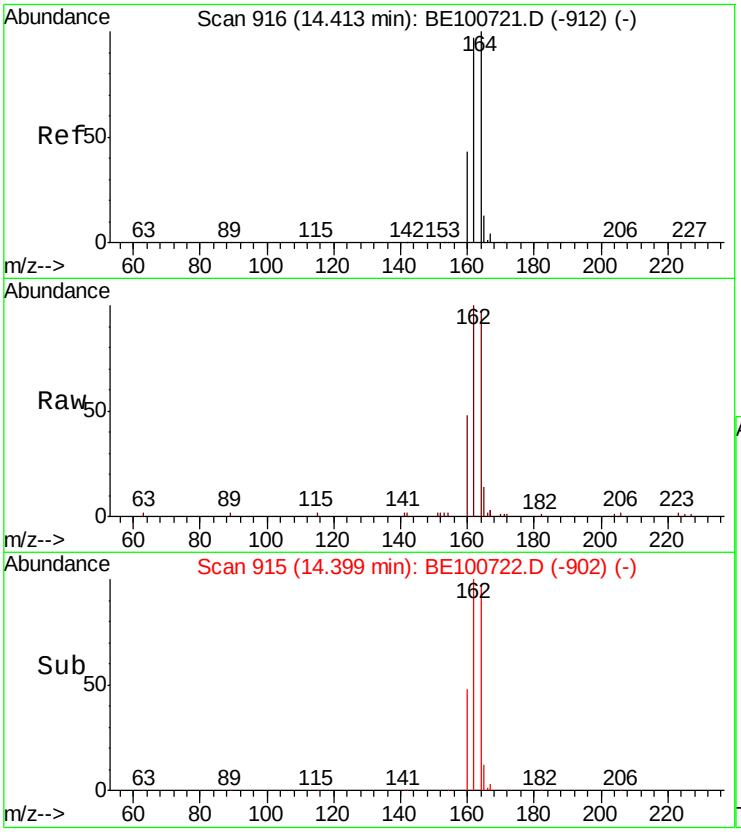


#12
2-Methylnaphthalene
Concen: 0.758 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:142 Resp: 11174

Ion	Ratio	Lower	Upper
142	100		
141	87.4	73.3	109.9
115	35.5	29.9	44.9



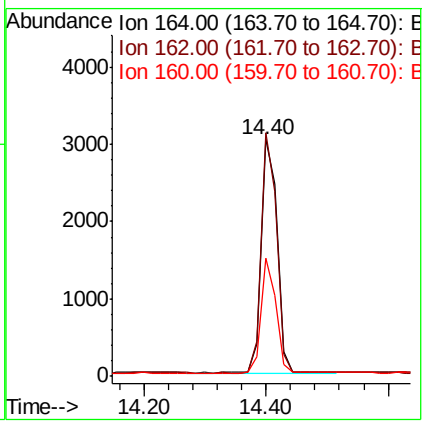


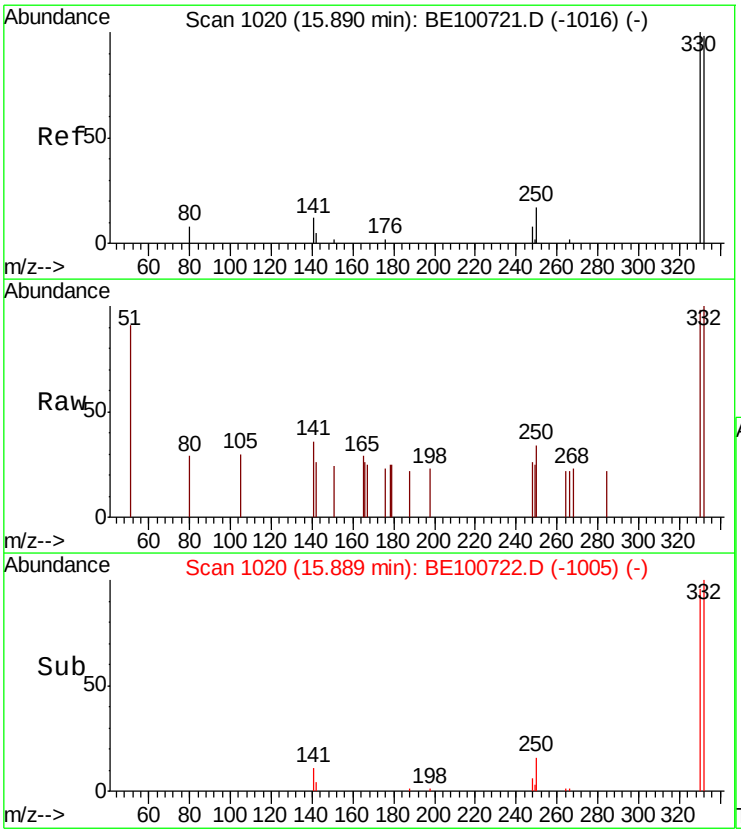
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 5337

Ion	Ratio	Lower	Upper
164	100		
162	102.8	77.8	116.8
160	49.7	35.3	52.9

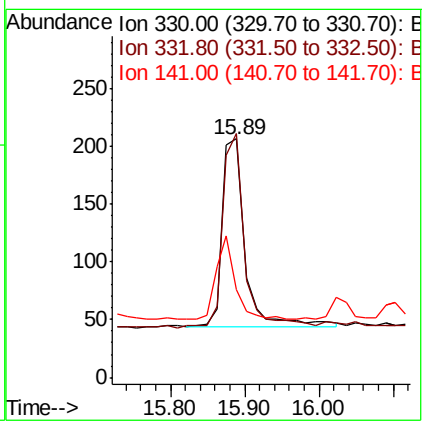


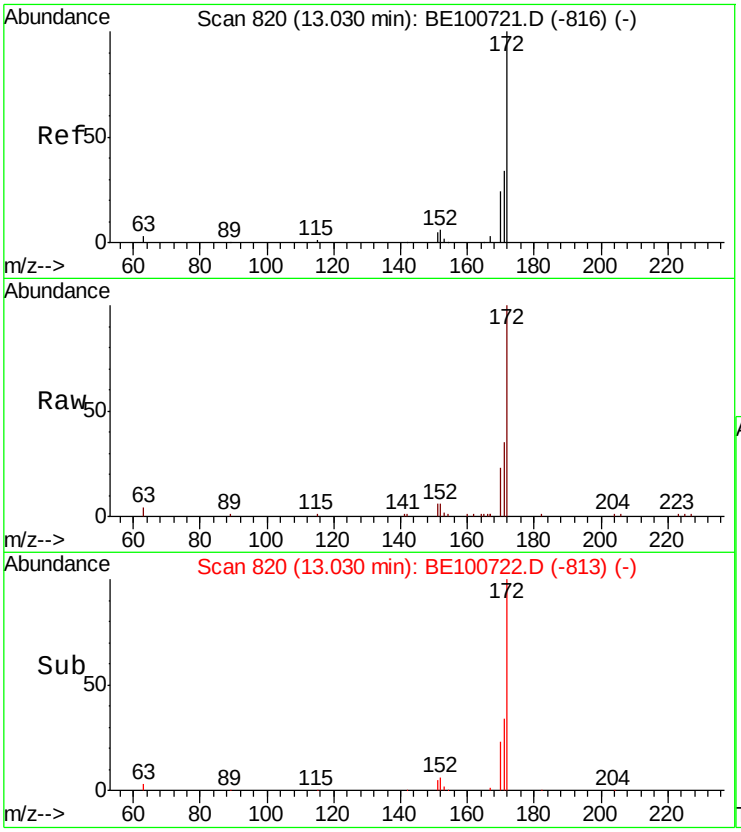


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.89 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:330 Resp: 346

Ion	Ratio	Lower	Upper
330	100		
332	99.4	85.0	127.6
141	38.4	28.2	42.2



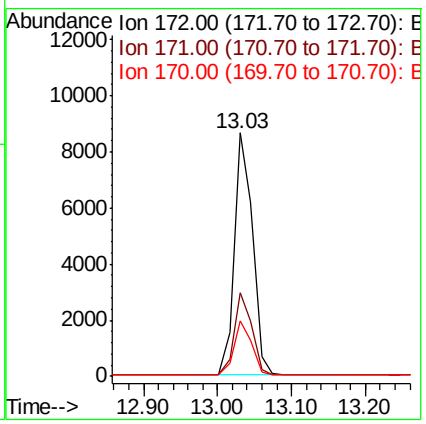


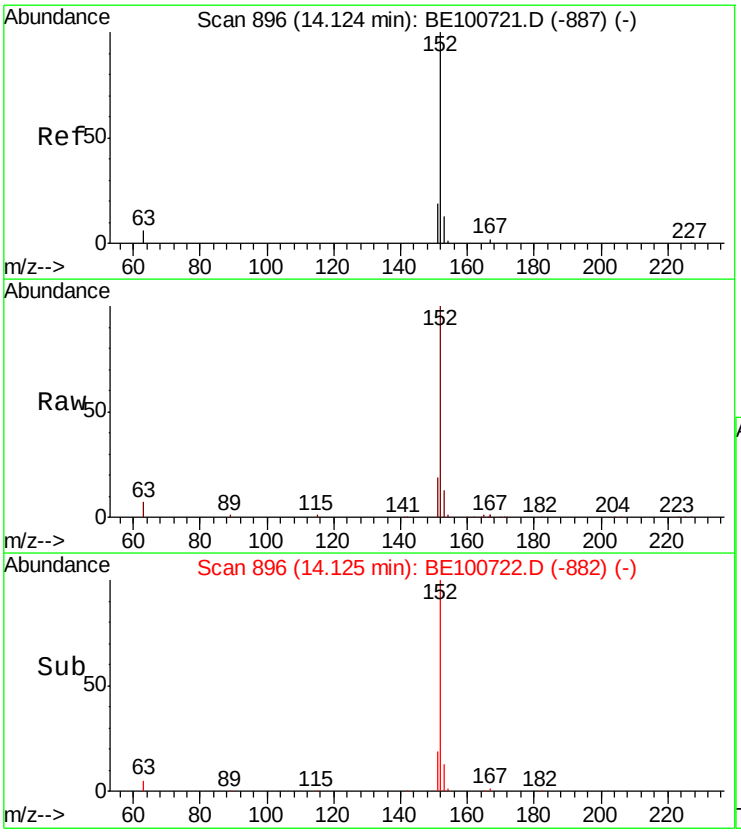
#15
2-Fluorobiphenyl
Concen: 0.764 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14848

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	23.0	19.8	29.6

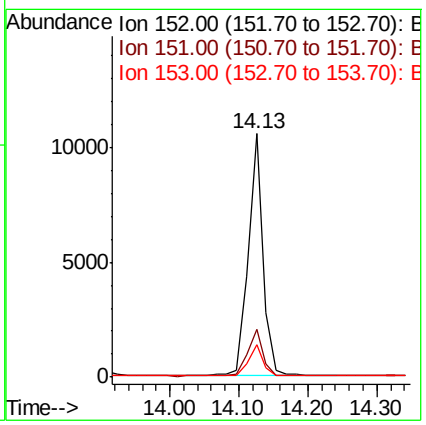


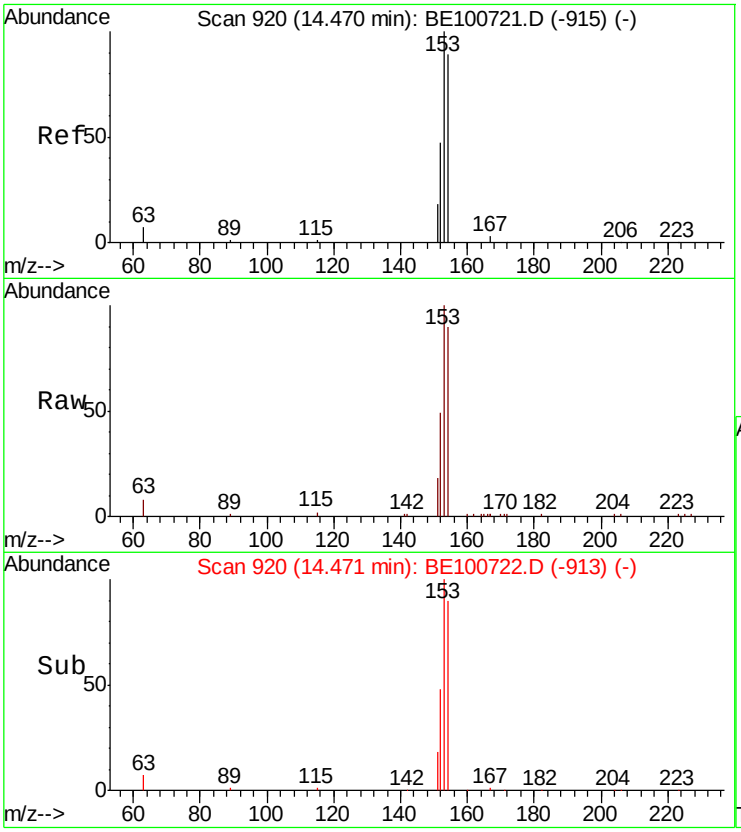


#16
Acenaphthylene
Concen: 0.698 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:152 Resp: 16021

Ion	Ratio	Lower	Upper
152	100		
151	19.4	14.9	22.3
153	13.1	10.7	16.1



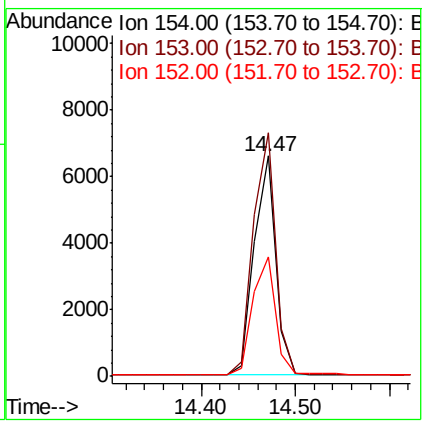


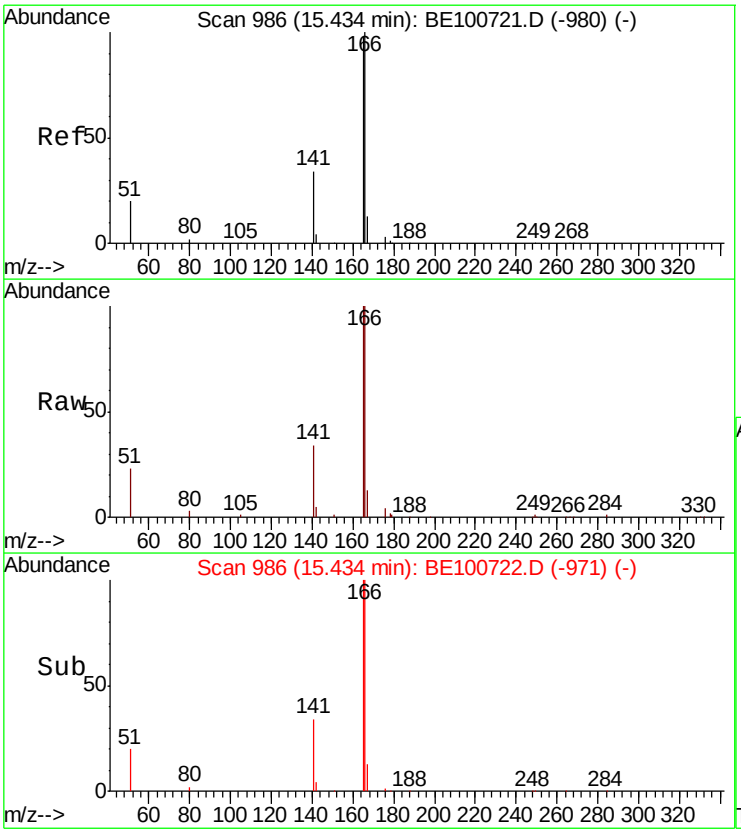
#17
Acenaphthene
Concen: 0.714 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10604

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.9	137.9
152	56.6	44.8	67.2

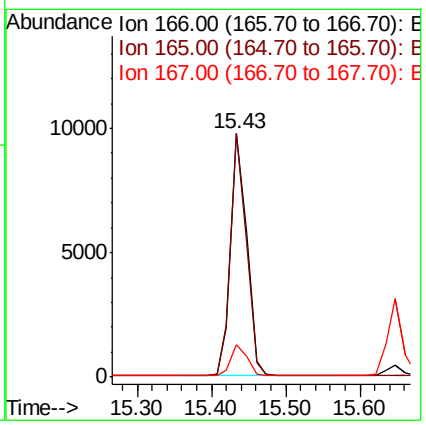


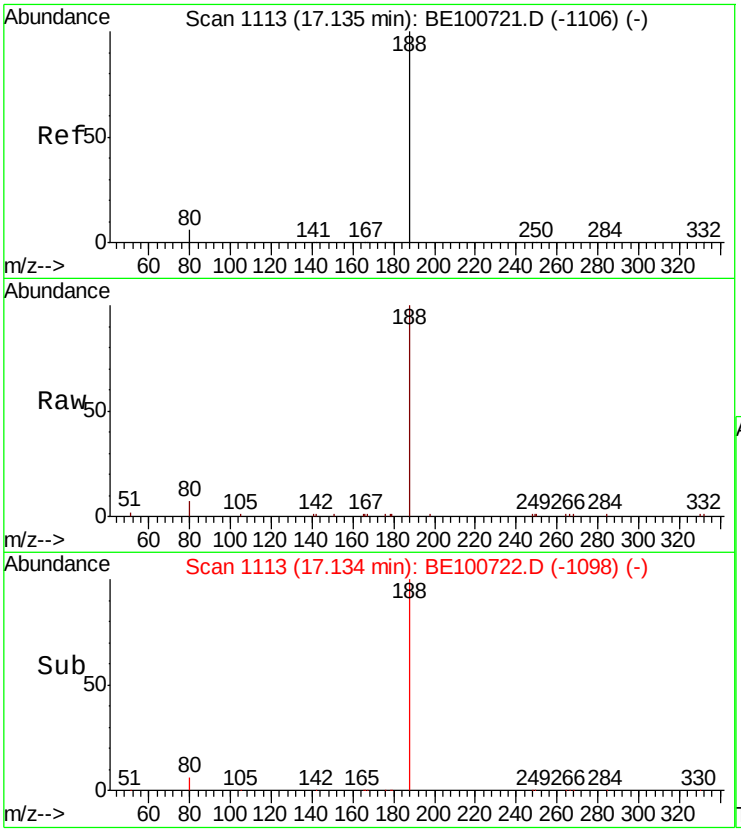


#18
Fluorene
Concen: 0.745 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:166 Resp: 14685

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.4
167	13.3	10.6	16.0



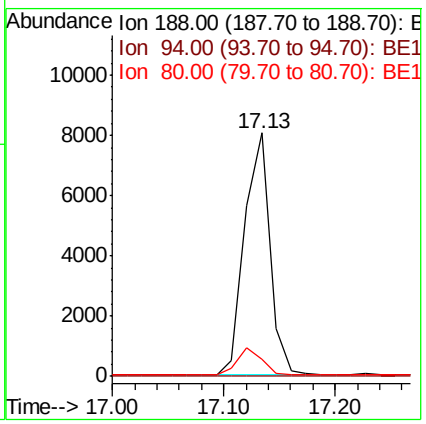


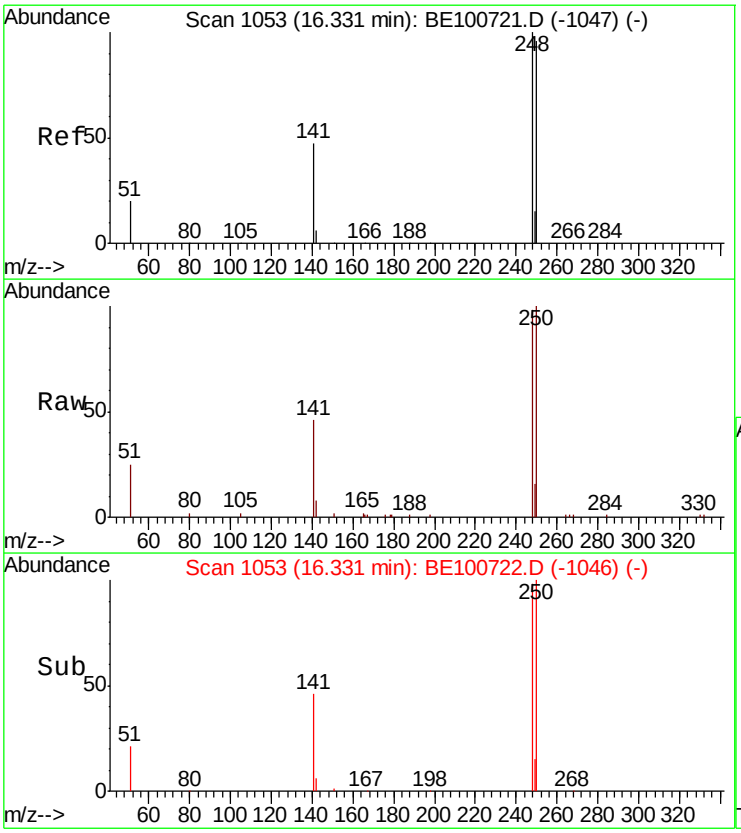
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12772

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	5.4	8.0

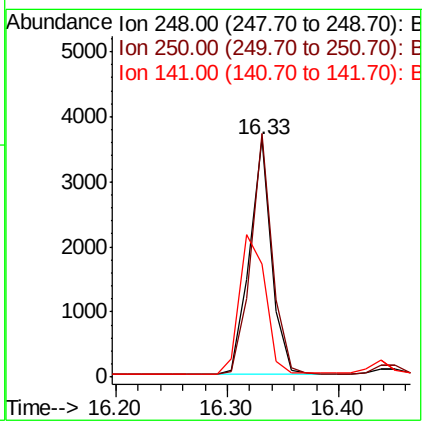


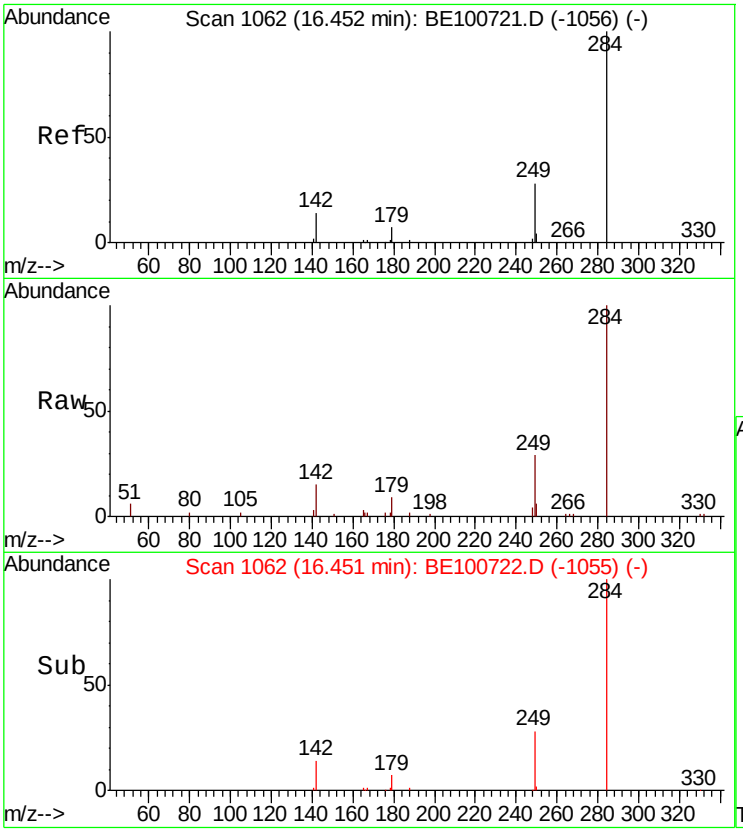


#20
4-Bromophenyl-phenylether
Concen: 0.766 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:248 Resp: 4977

Ion	Ratio	Lower	Upper
248	100		
250	102.1	77.1	115.7
141	47.3	38.6	58.0



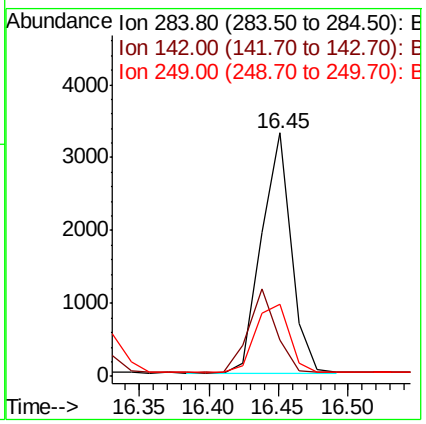


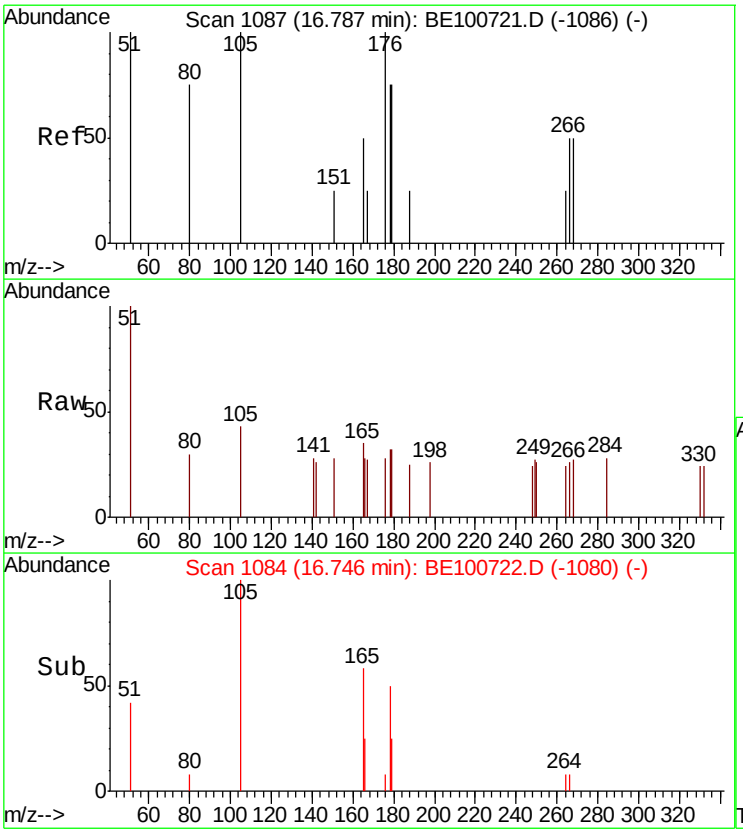
#21
Hexachlorobenzene
Concen: 0.788 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4878

Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.2	42.2
249	32.8	26.5	39.7

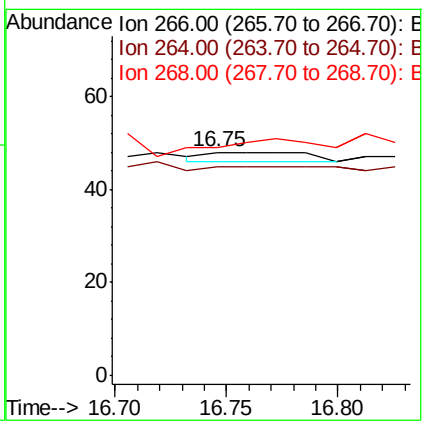


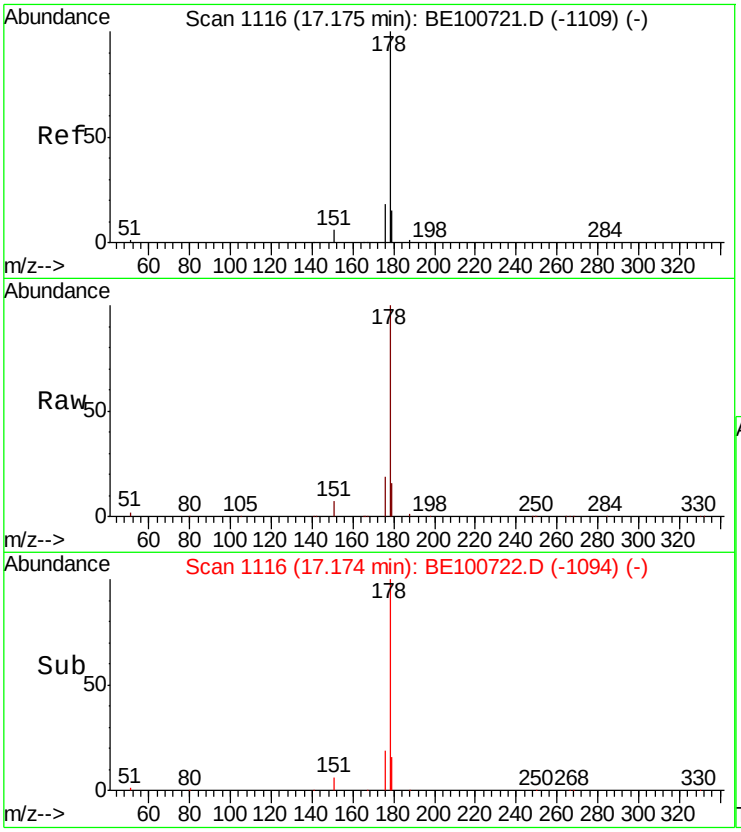


#22
Pentachlorophenol
Concen: 0.003 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.04 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	93.8	75.0	112.6
268	102.1	85.0	127.6



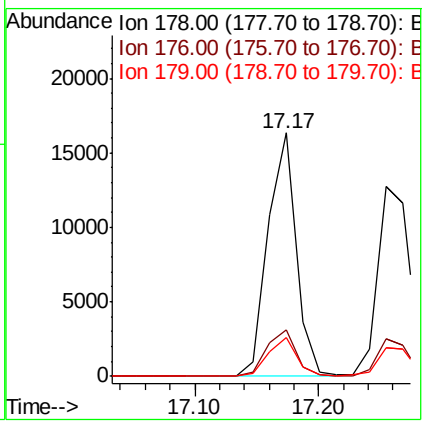


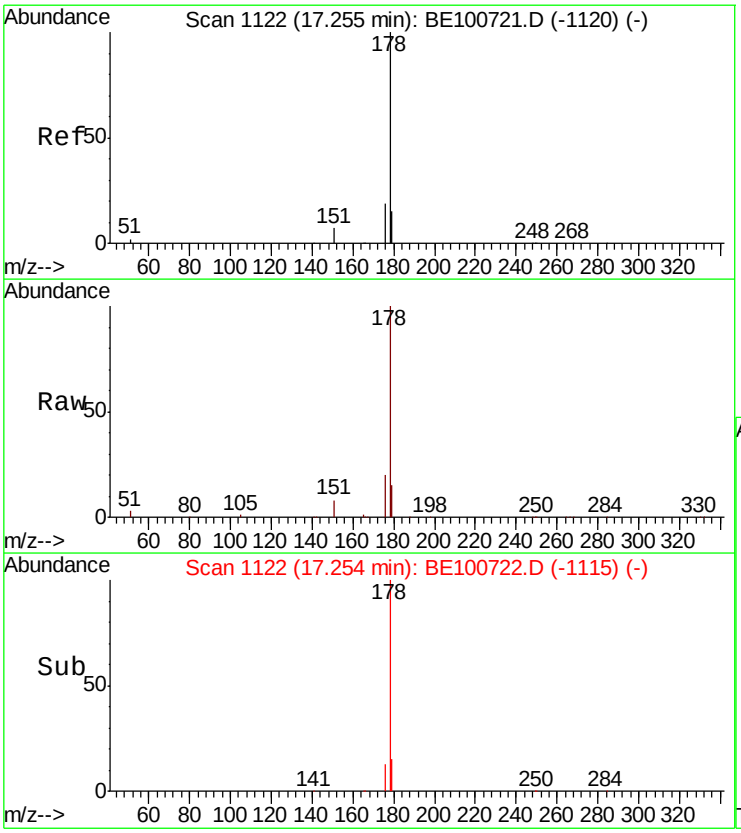
#23
Phenanthrene
Concen: 0.730 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 25636

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.4	12.6	18.8

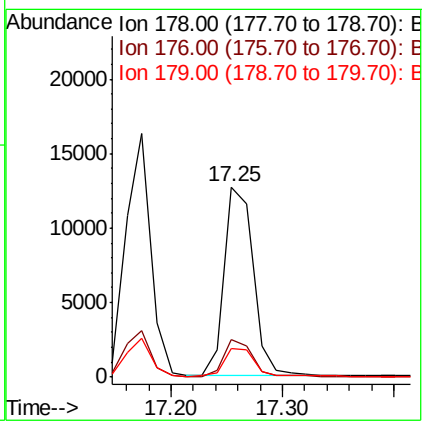


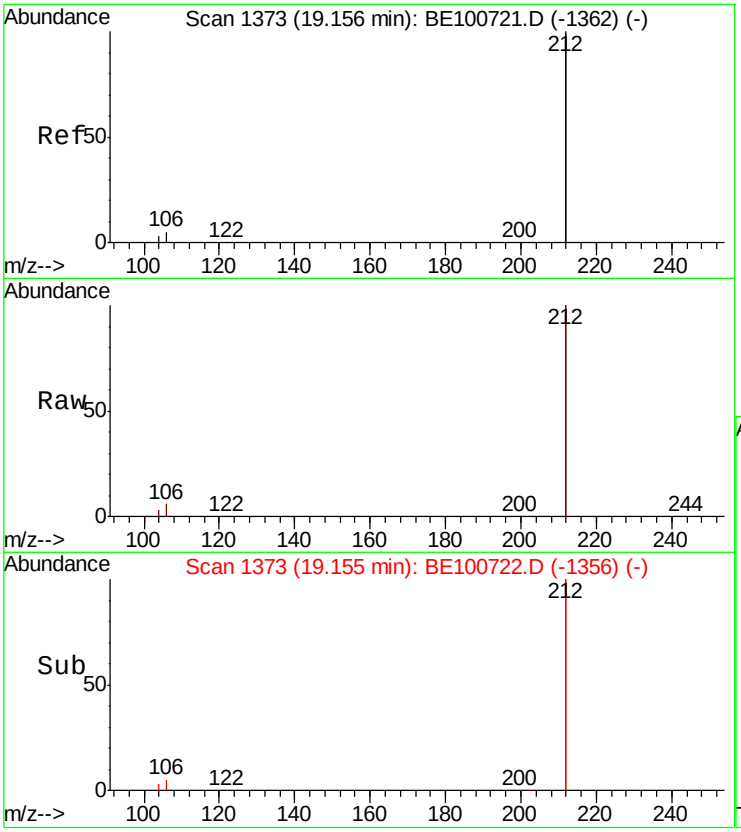


#24
Anthracene
Concen: 0.696 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:178 Resp: 22681

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.2	12.6	18.8



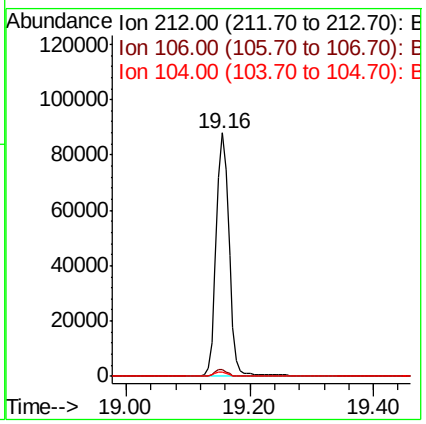


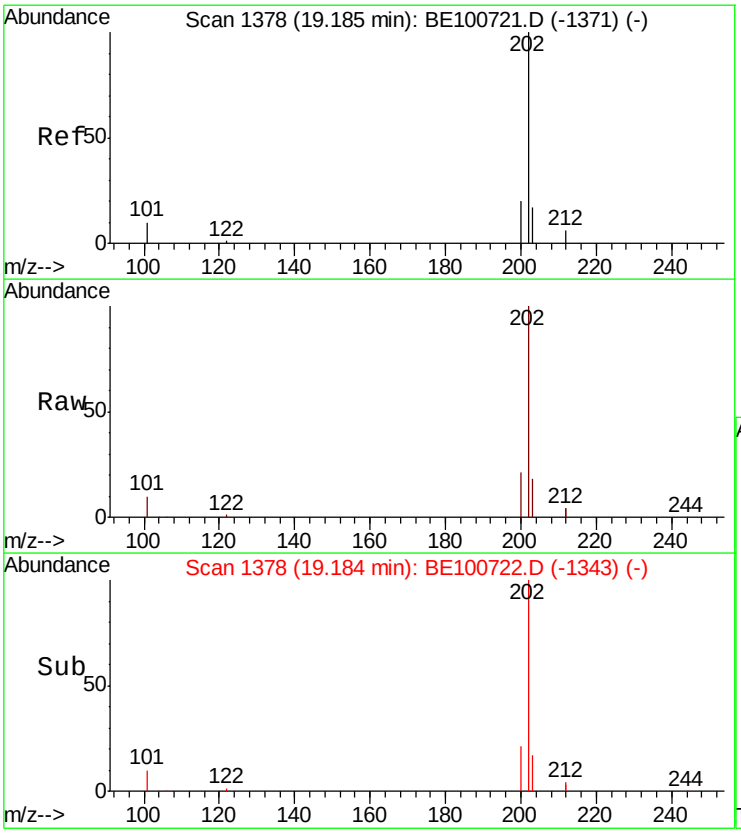
#25
Fluoranthene-d10
Concen: 0.759 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 125152

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.5	1.2	1.8

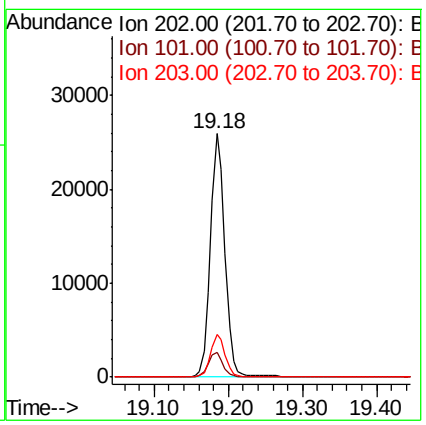


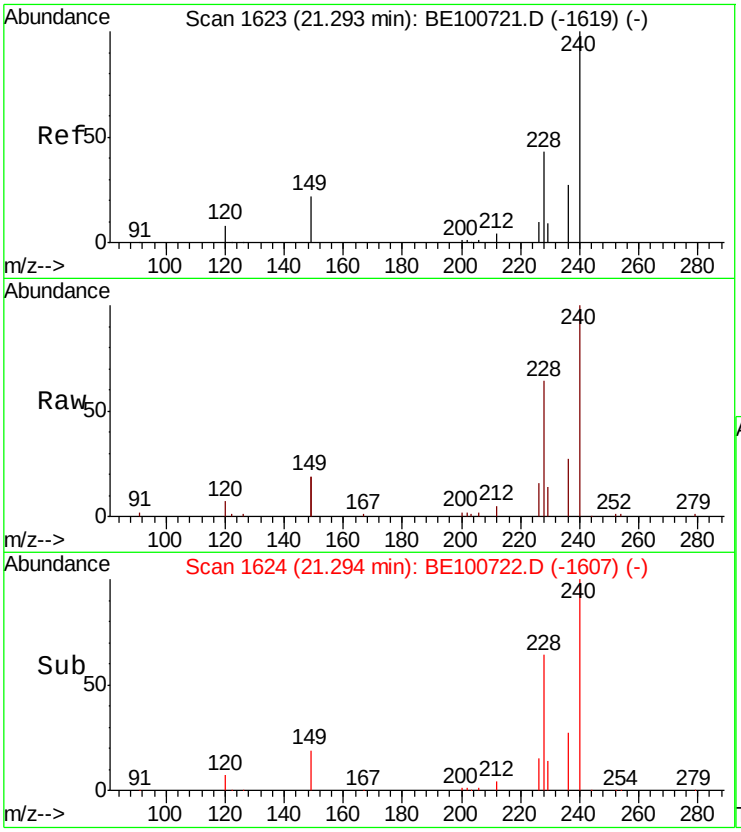


#26
Fluoranthene
Concen: 0.756 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:202 Resp: 34659

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.6	12.8
203	17.3	13.6	20.4



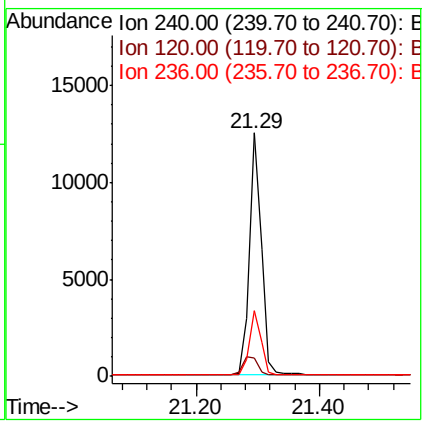


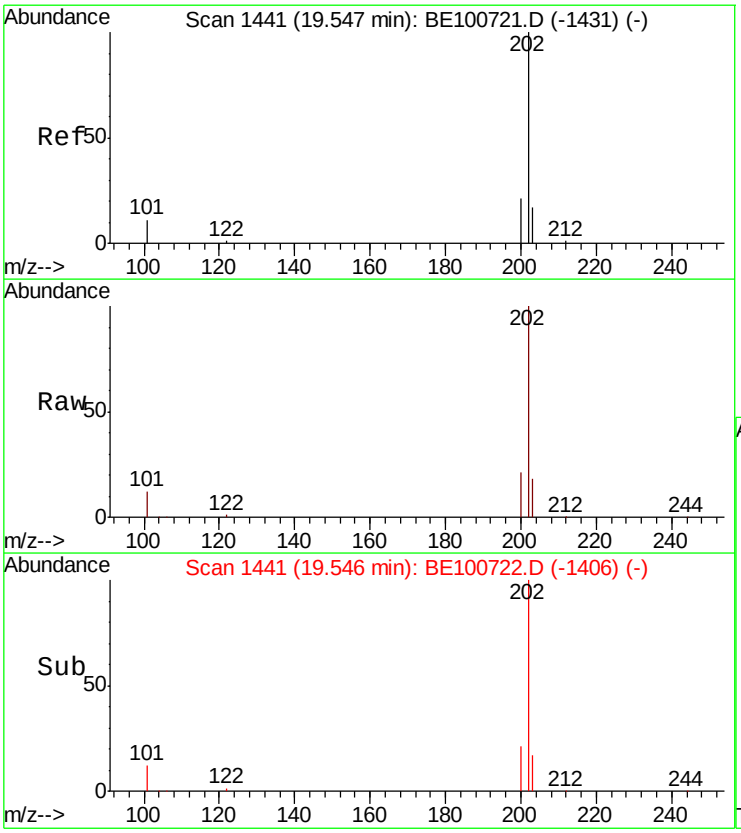
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16908

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.4	11.0#
236	27.1	21.8	32.6

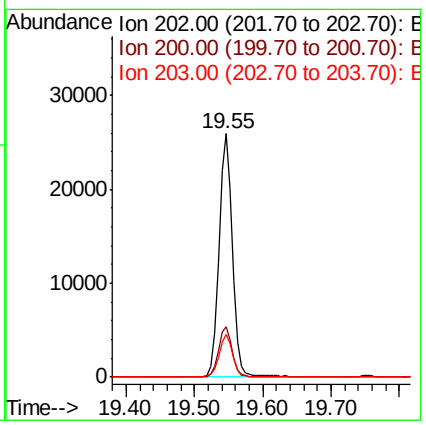


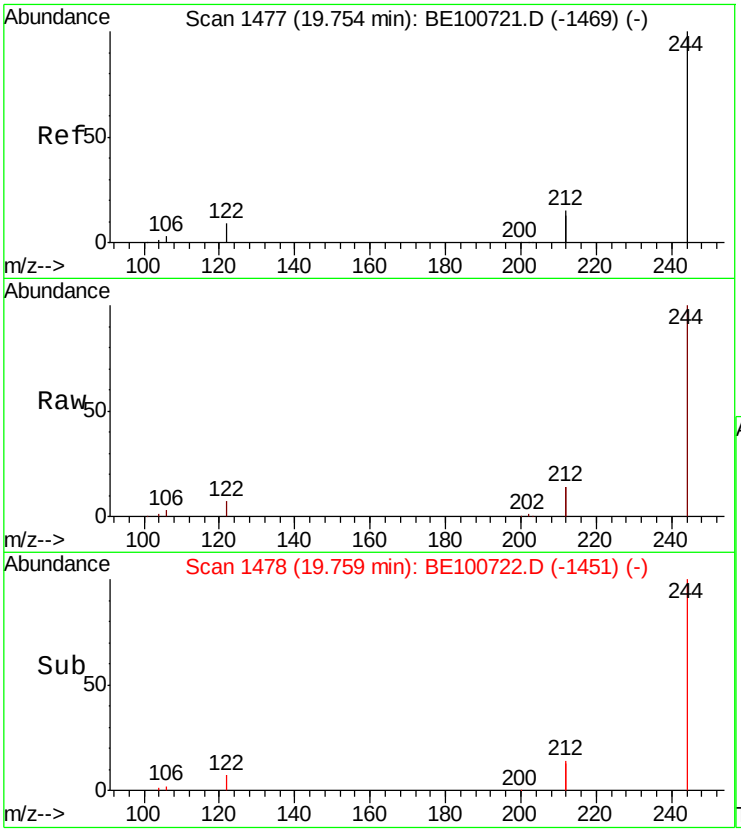


#28
Pyrene
Concen: 0.751 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:202 Resp: 35480

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.4	14.0	21.0



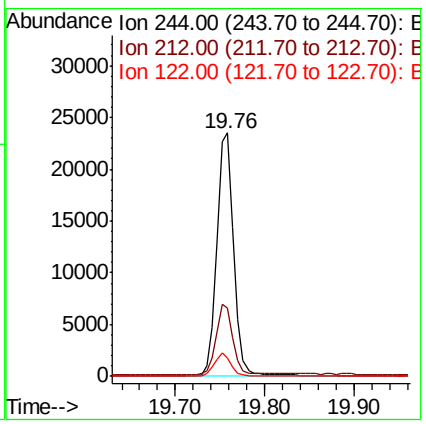


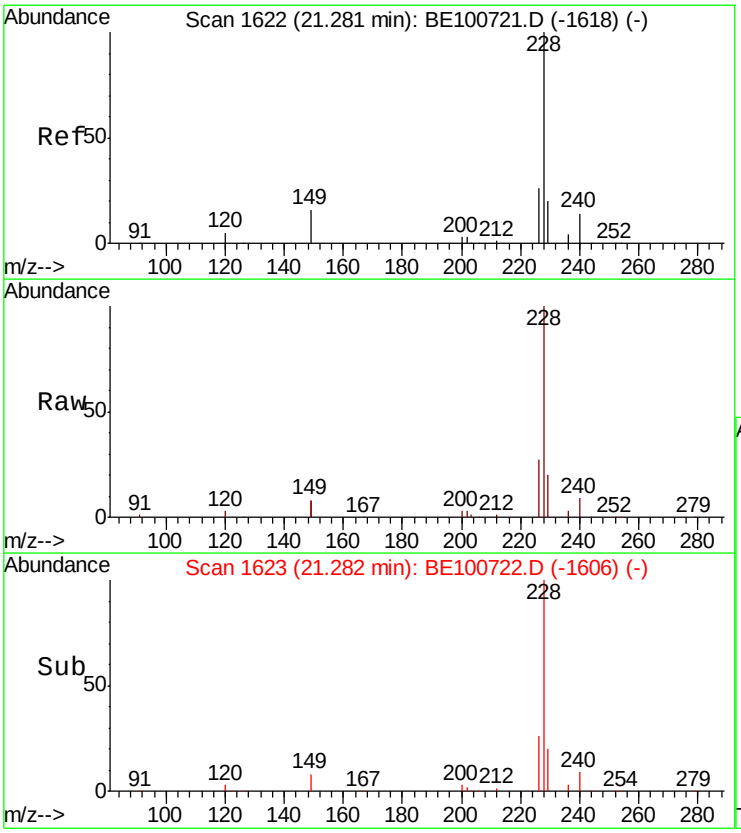
#29
Terphenyl-d14
Concen: 0.825 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 30486

Ion	Ratio	Lower	Upper
244	100		
212	27.9	24.3	36.5
122	7.3	7.6	11.4#

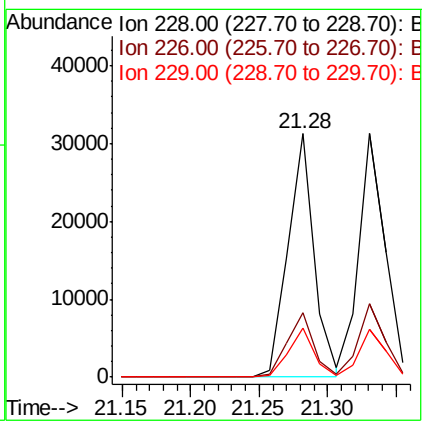


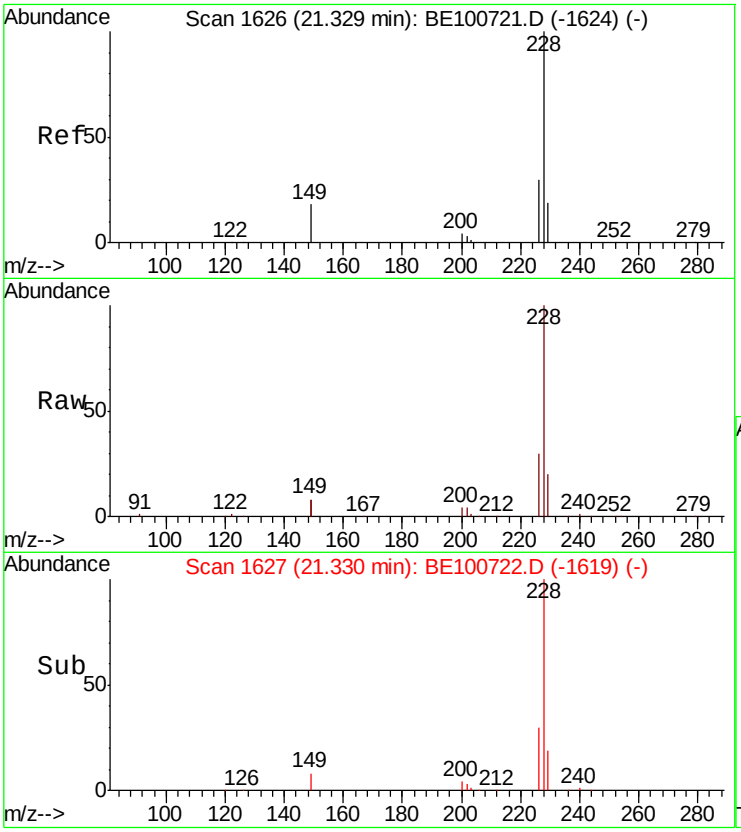


#30
Benzo(a)anthracene
Concen: 0.742 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:228 Resp: 40905

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.1	31.7
229	20.1	15.9	23.9



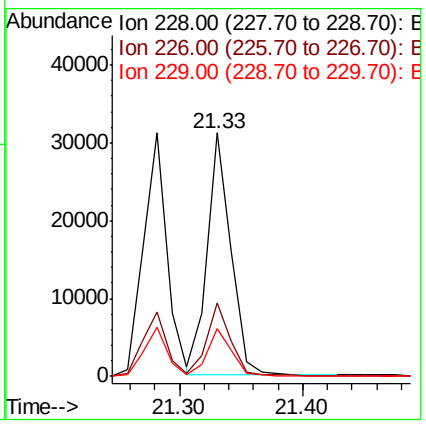


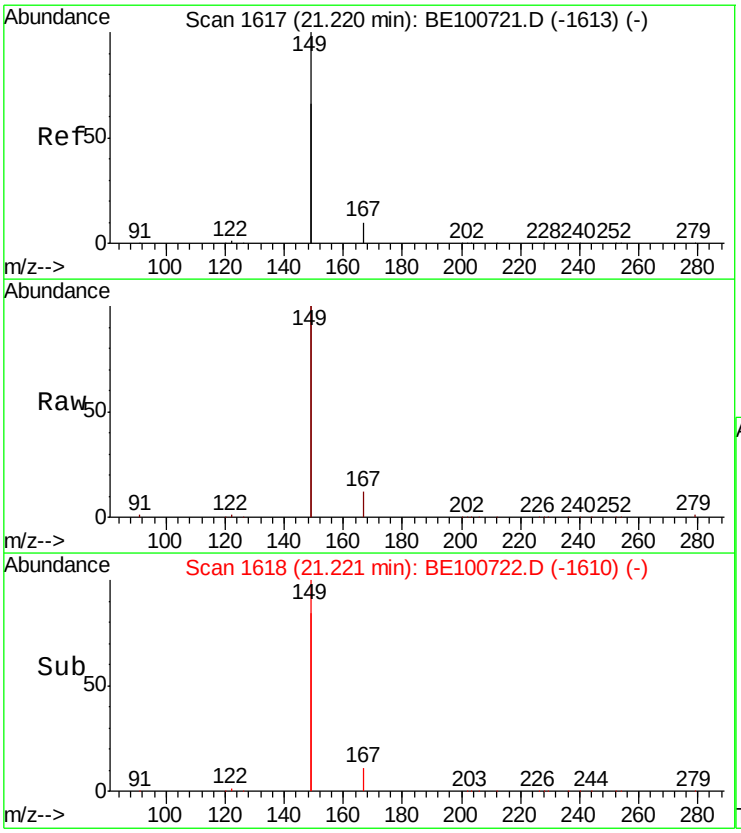
#31
Chrysene
Concen: 0.755 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 41597

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.5	15.5	23.3

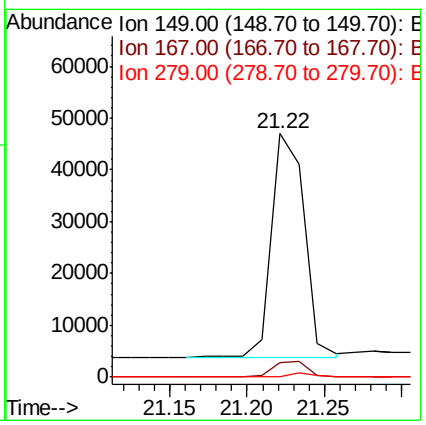


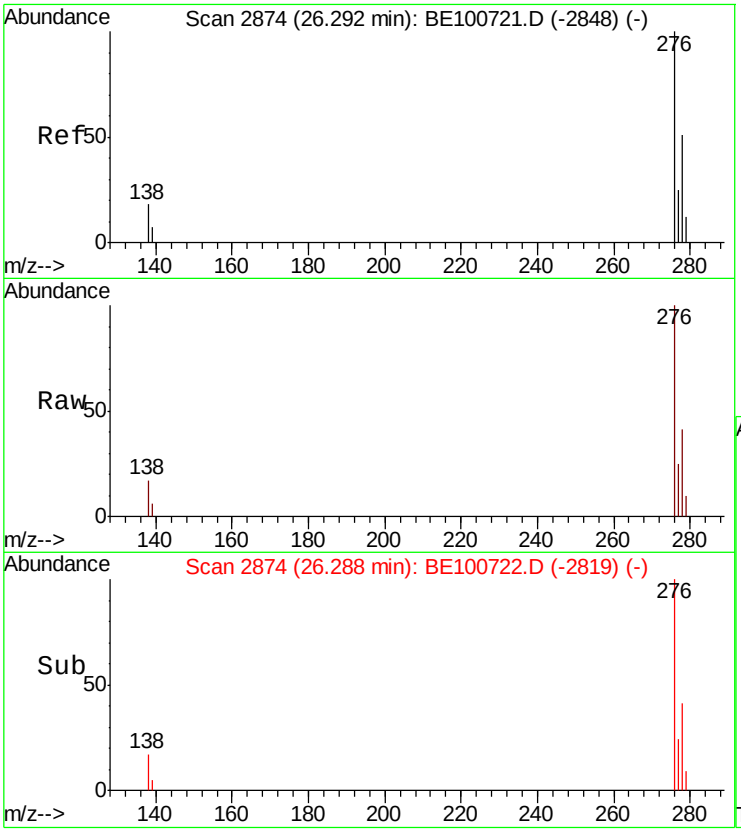


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.552 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:149 Resp: 63635

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.2	7.8
279	1.2	0.9	1.3



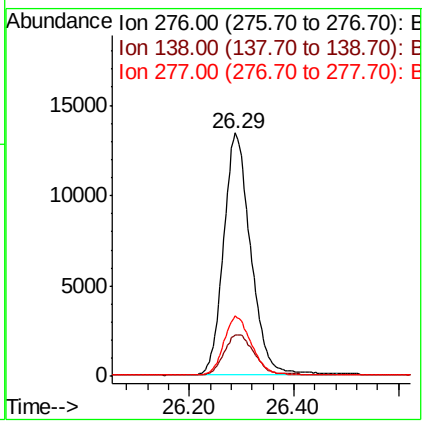


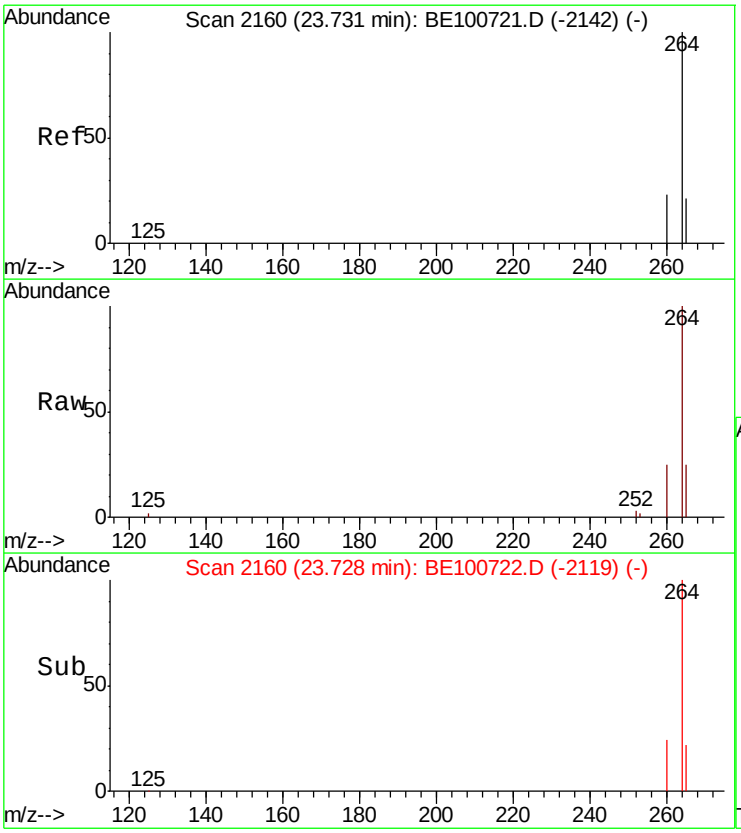
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.714 ng
RT: 26.29 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 48399

Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.8	22.2
277	24.6	19.6	29.4

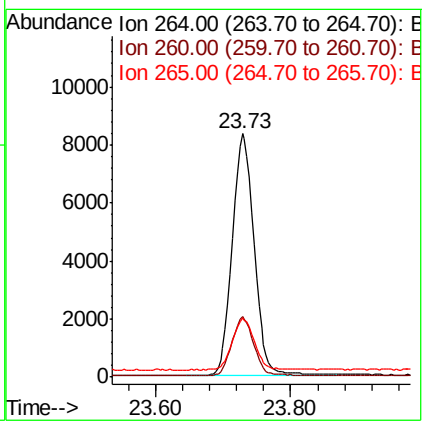


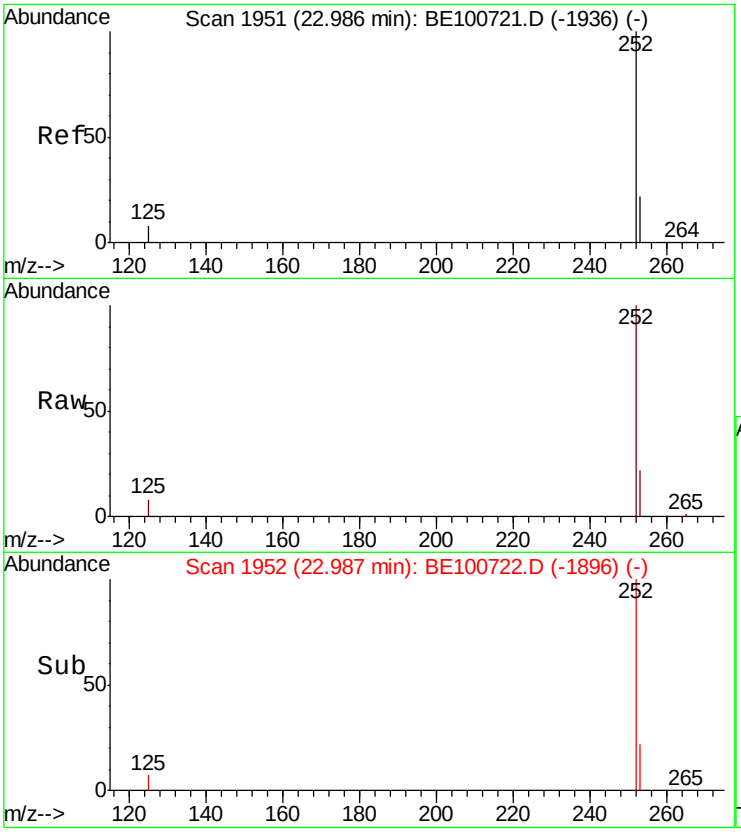


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:264 Resp: 18791

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.1	28.7
265	24.5	19.7	29.5



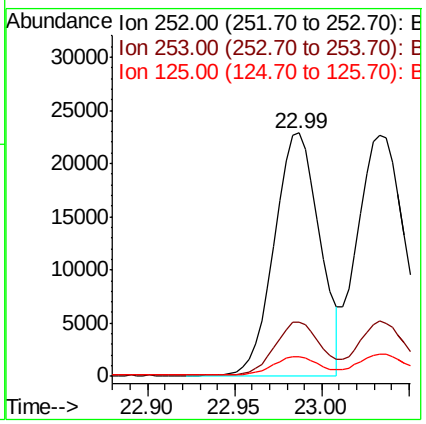


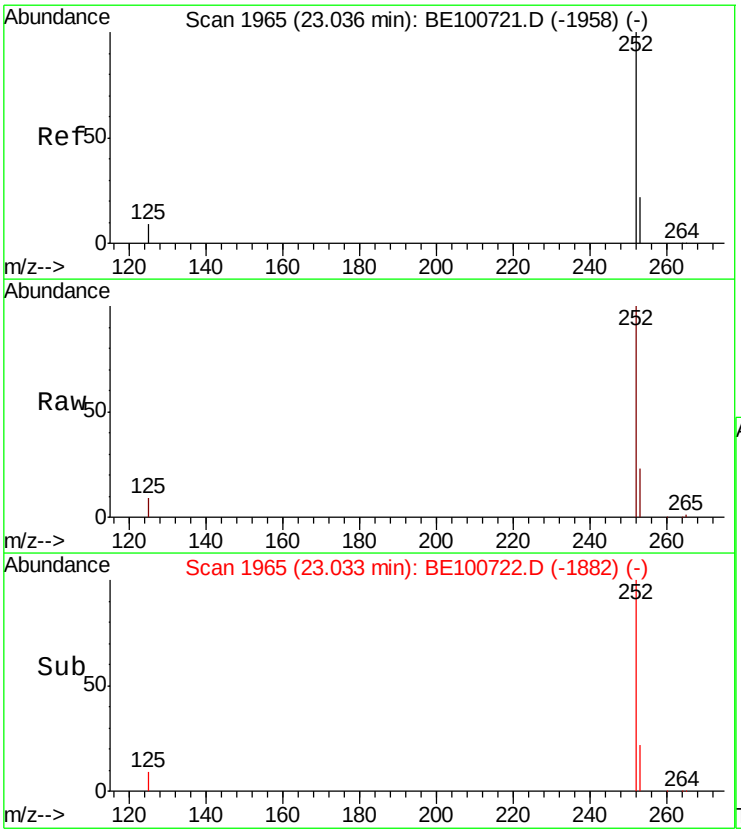
#35
Benzo(b)fluoranthene
Concen: 0.752 ng
RT: 22.99 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 41198

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	7.9	7.0	10.4

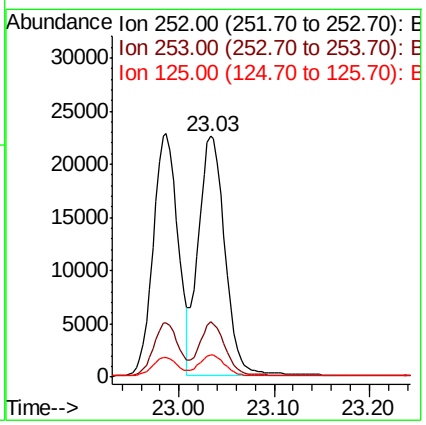


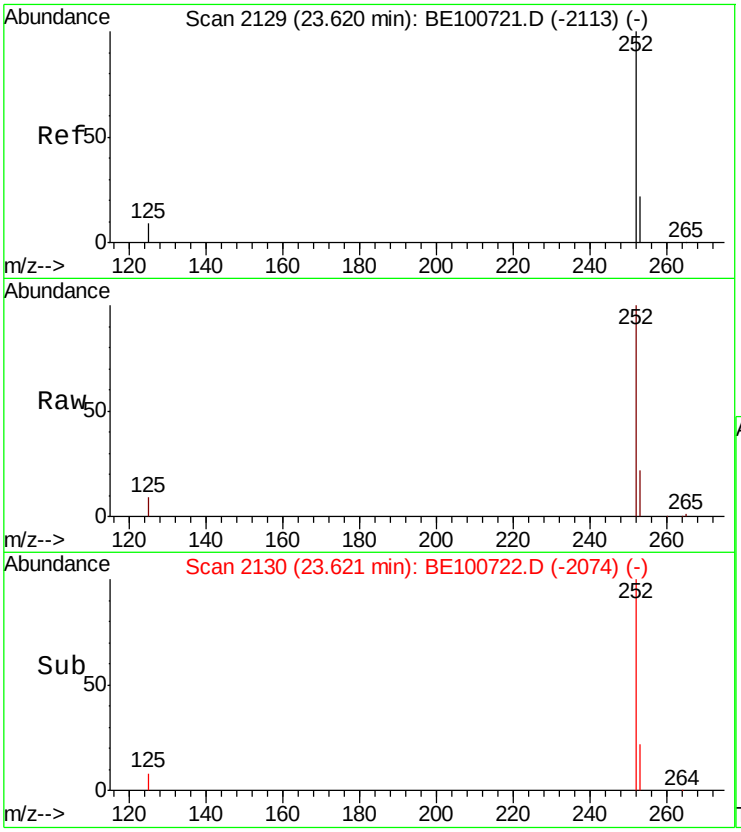


#36
Benzo(k)fluoranthene
Concen: 0.780 ng
RT: 23.03 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:252 Resp: 43980

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	9.1	7.6	11.4



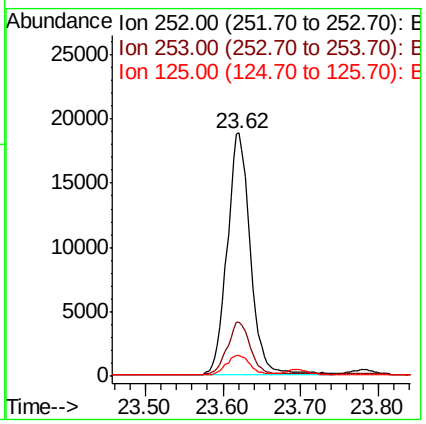


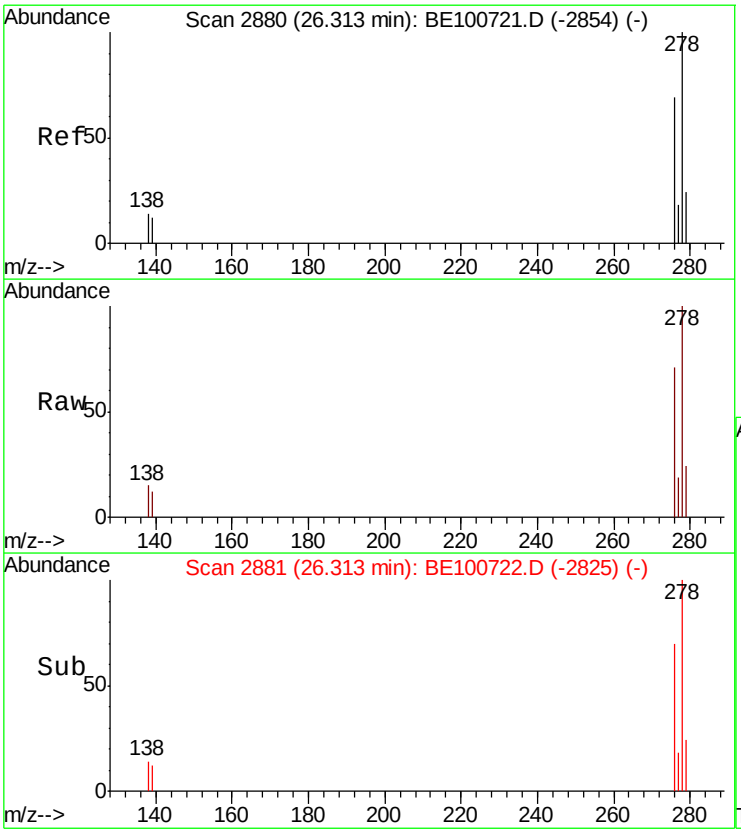
#37
Benzo(a)pyrene
Concen: 0.764 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38989

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	8.7	7.9	11.9

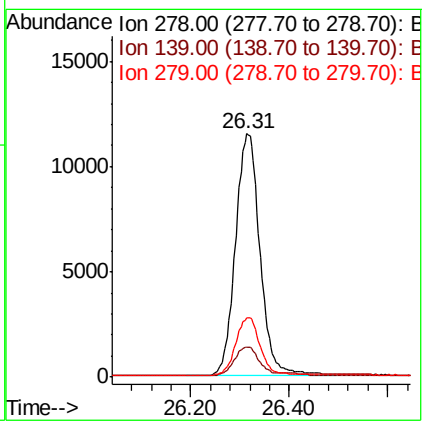


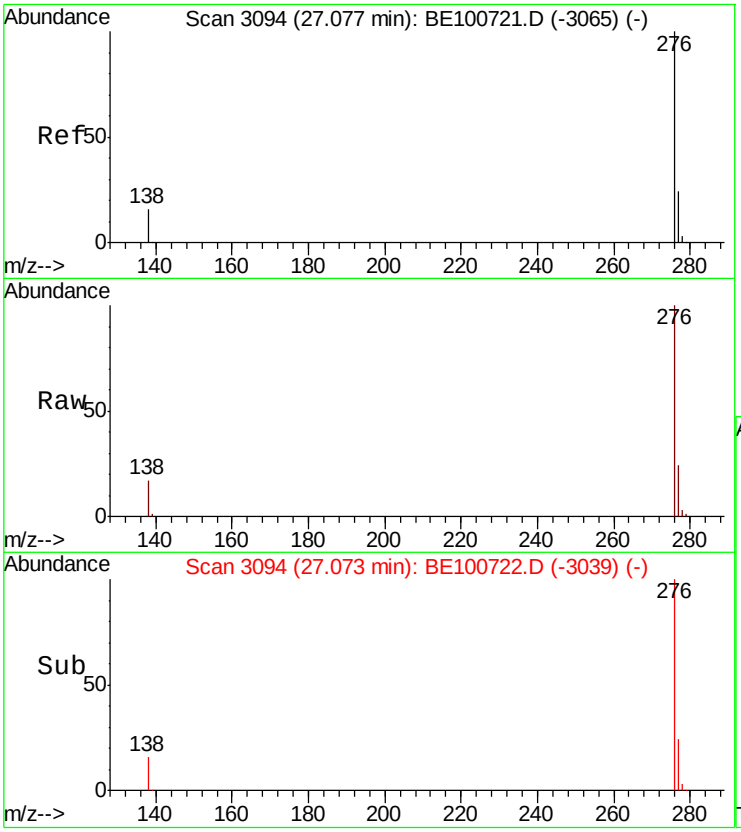


#38
Dibenzo(a,h)anthracene
Concen: 0.762 ng
RT: 26.31 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Tgt Ion:278 Resp: 40151

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.3	15.5
279	24.3	20.6	31.0





#39
Benzo(g,h,i)perylene
Concen: 0.745 ng
RT: 27.07 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BE100722.D
Acq: 14 Nov 2019 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 39476

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	16.6	13.6	20.4