Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100775.D
Acq On : 4 Dec 2019 14:28
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Dec 04 15:53:36 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 14:31:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5496	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	24555	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	12917	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	29329	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	32135	0.40	ng		0.00
34) Perylene-d12	23.76	264	33422	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	9452	0.64	ng		0.00
5) Phenol-d6	6.93	99	14401	0.67	ng		0.00
8) Nitrobenzene-d5	8.90	82	8403	1.07	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	27317	0.76	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1135	0.62	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	39506	0.79	ng		0.00
25) Fluoranthene-d10	19.16	212	261547	0.73	ng		0.00
29) Terphenyl-d14	19.76	244	59812	0.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	7122	0.691	ng		94
3) n-Nitrosodimethylamine	3.65	42	6216	0.818	ng	#	95
6) bis(2-Chloroethyl)ether	7.19	93	14273	0.793	ng		99
9) Naphthalene	10.59	128	199662	0.766	ng		100
10) Hexachlorobutadiene	10.89	225	7669	0.766	ng		99
12) 2-Methylnaphthalene	12.21	142	30965	0.751	ng		99
16) Acenaphthylene	14.11	152	39330	0.707	ng		100
17) Acenaphthene	14.46	154	28193	0.756	ng		100
18) Fluorene	15.43	166	37042	0.778	ng		97
20) 4-Bromophenyl-phenylether	16.33	248	10742	0.744	ng		95
21) Hexachlorobenzene	16.44	284	12195	0.810	ng		99
22) Pentachlorophenol	16.79	266	341	0.125	ng		87
23) Phenanthrene	17.16	178	68404	0.774	ng		100
24) Anthracene	17.26	178	55135	0.724	ng		99
26) Fluoranthene	19.19	202	82875	0.767	ng		100
28) Pyrene	19.55	202	80205	0.806	ng		100
30) Benzo(a)anthracene	21.29	228	71045	0.655	ng		100
31) Chrysene	21.34	228	87420	0.793	ng		100
32) Bis(2-ethylhexyl)phthalate	21.24	149	53400	0.274	ng		100
33) Indeno(1,2,3-cd)pyrene	26.34	276	74013	0.641	ng		99
35) Benzo(b)fluoranthene	23.01	252	69174	0.660	ng		99
36) Benzo(k)fluoranthene	23.06	252	78943	0.722	ng		99
37) Benzo(a)pyrene	23.65	252	59238	0.640	ng		97
38) Dibenzo(a,h)anthracene	26.37	278	61244	0.630	ng		99
39) Benzo(g,h,i)perylene	27.12	276	64452	0.636	ng		99

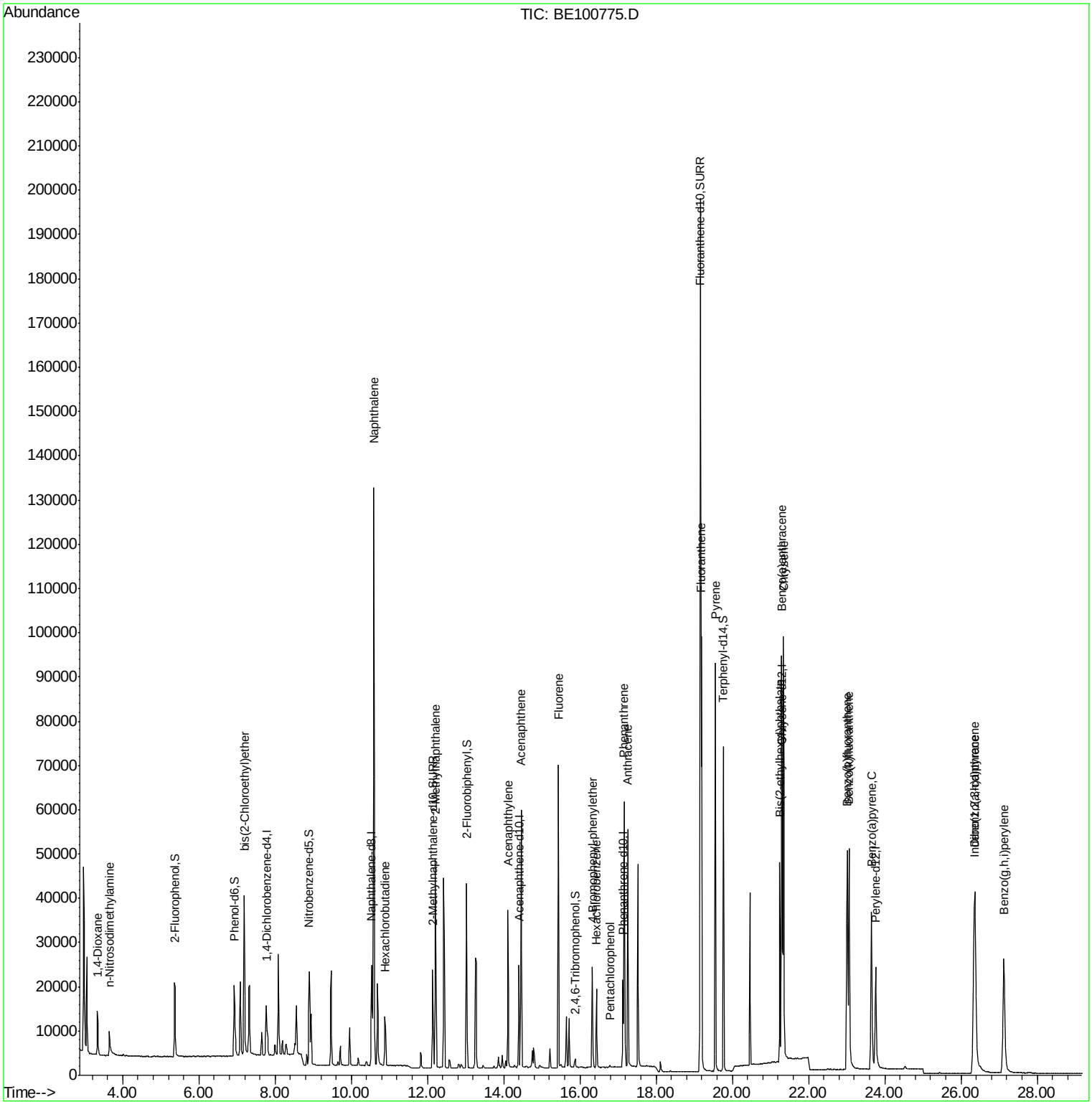
(#) = qualifier out of range (m) = manual integration (+) = signals summed

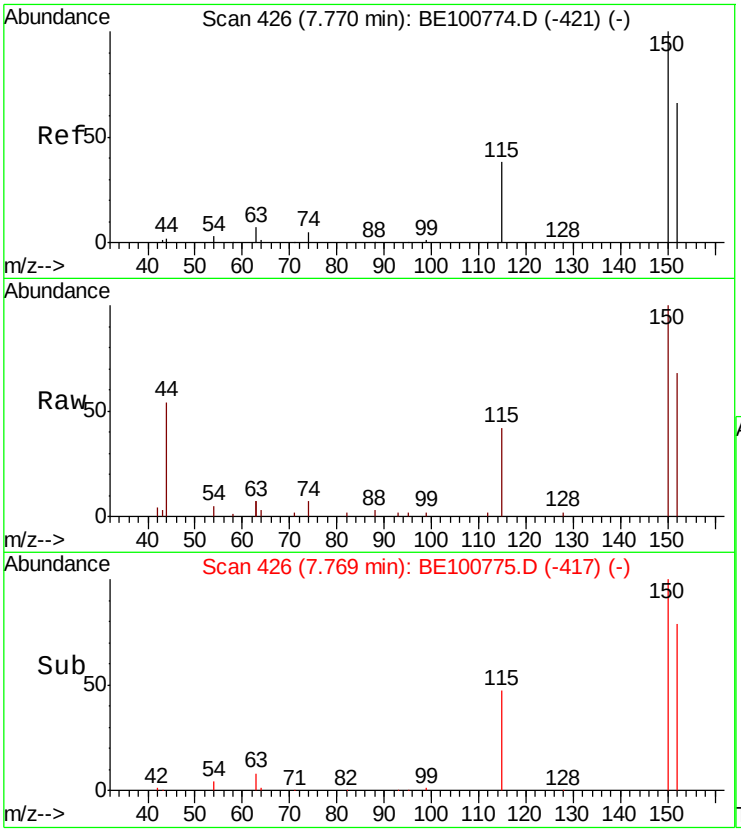
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100775.D
Acq On : 4 Dec 2019 14:28
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 04 15:53:36 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 14:31:40 2019
Response via : Initial Calibration



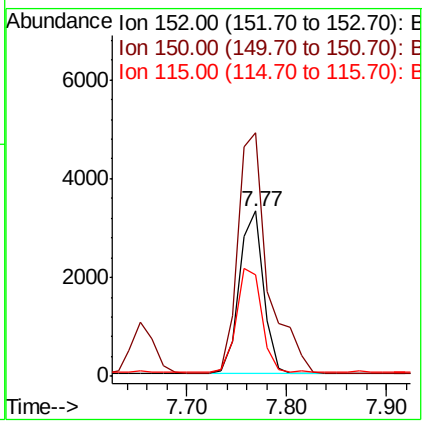


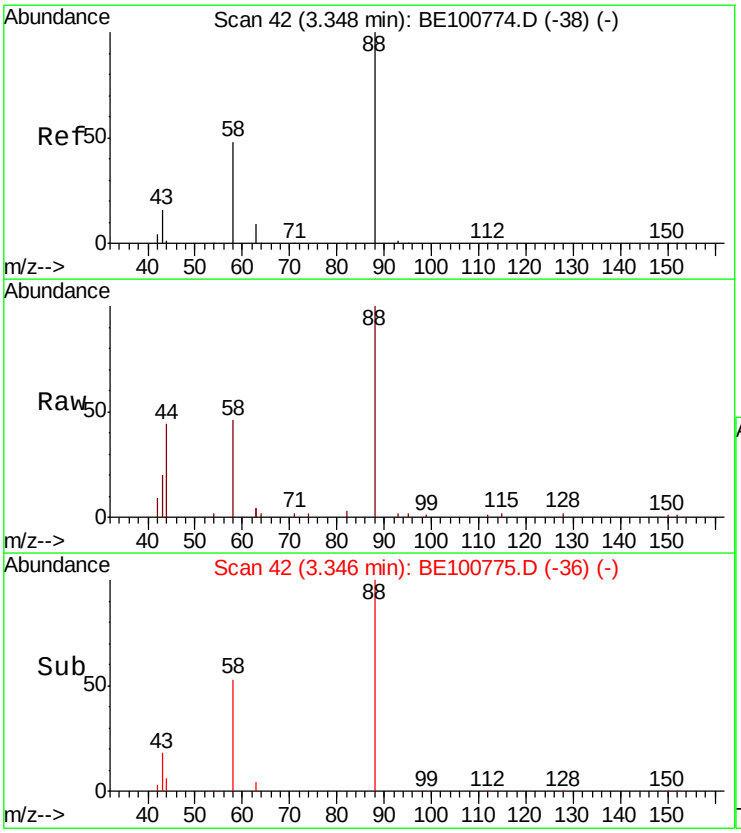
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5496

Ion	Ratio	Lower	Upper
152	100		
150	147.3	120.6	181.0
115	61.2	47.4	71.2

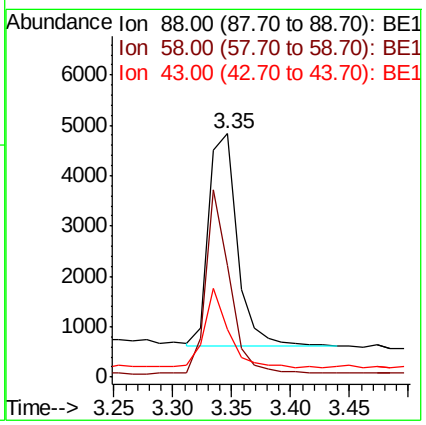


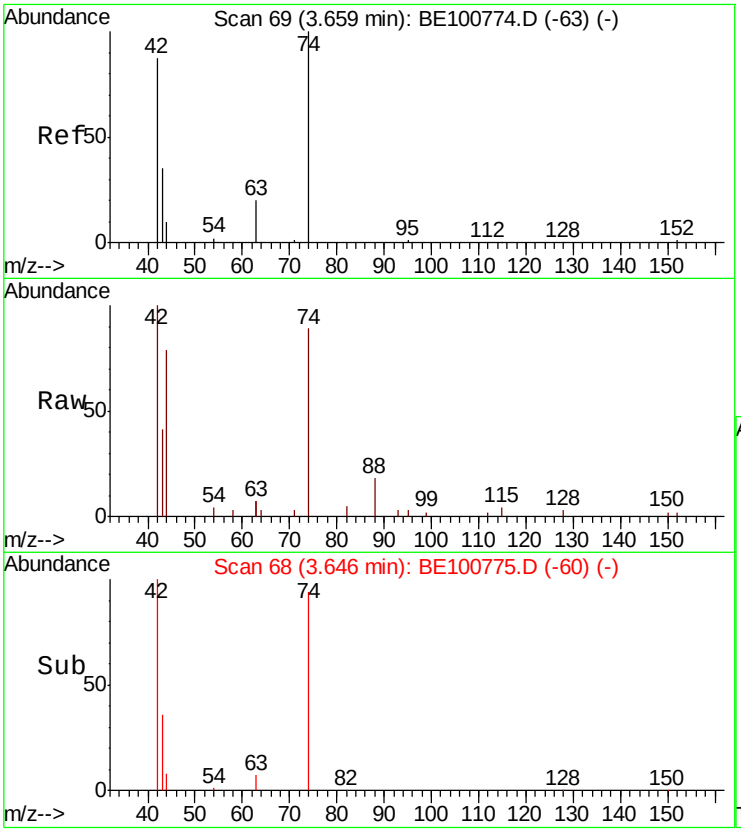


#2
1,4-Dioxane
Concen: 0.691 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion: 88 Resp: 7122

Ion	Ratio	Lower	Upper
88	100		
58	71.4	52.5	78.7
43	30.8	23.0	34.6



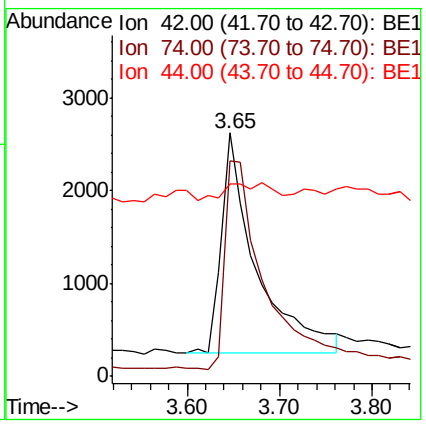


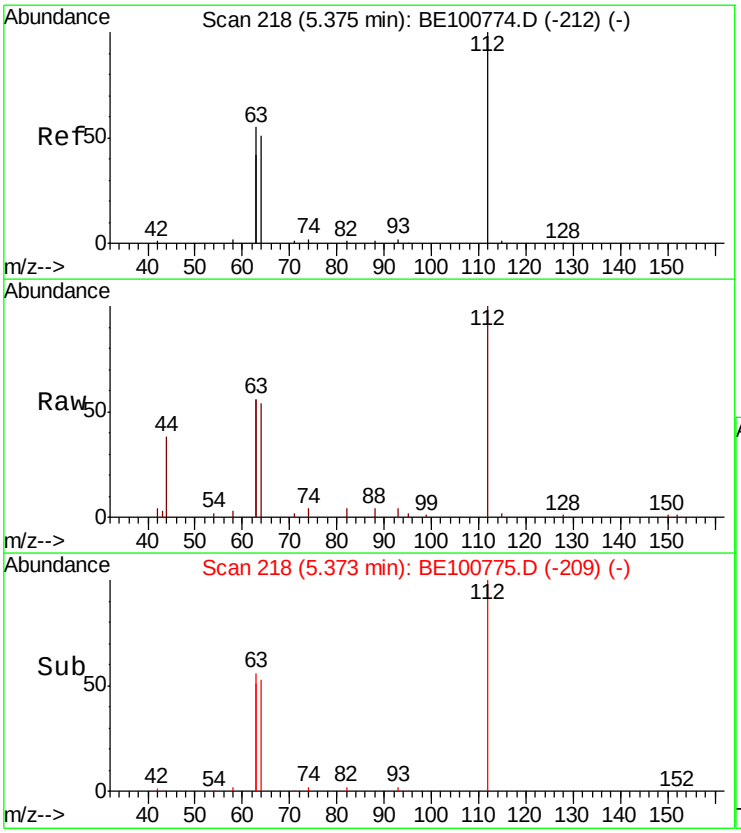
#3
n-Nitrosodimethylamine
Concen: 0.818 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 6216

Ion	Ratio	Lower	Upper
42	100		
74	107.1	86.3	129.5
44	0.0	11.6	17.4#

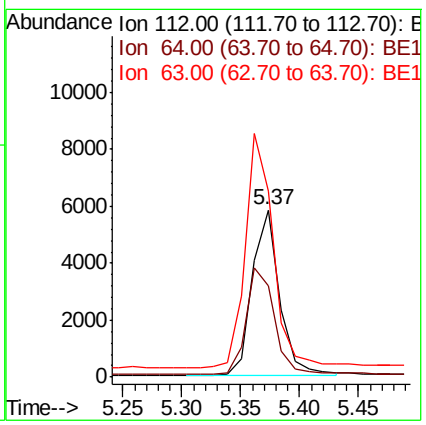


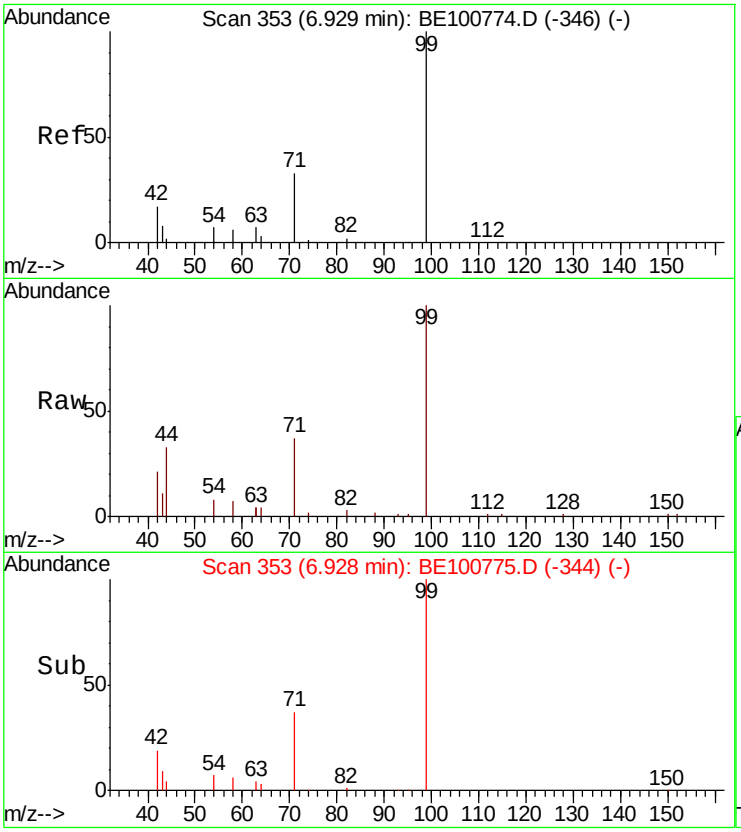


#4
2-Fluorophenol
Concen: 0.635 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:112 Resp: 9452

Ion	Ratio	Lower	Upper
112	100		
64	67.1	54.1	81.1
63	143.6	113.2	169.8



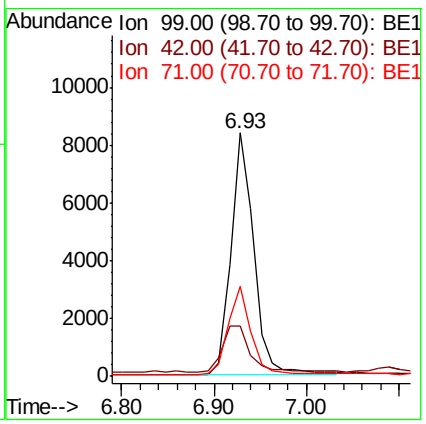


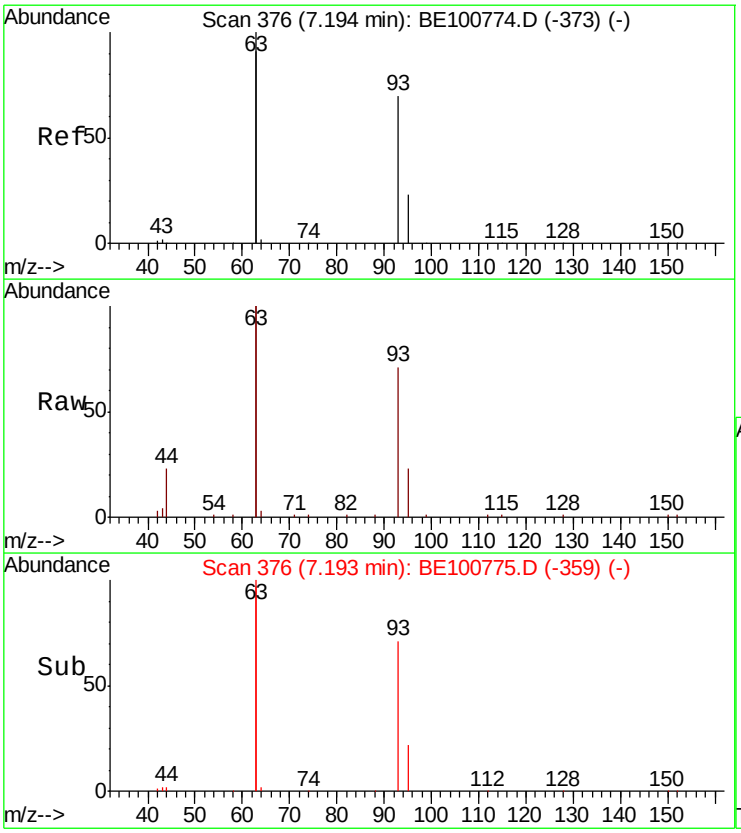
#5
Phenol-d6
Concen: 0.667 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 14401

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.1	28.7
71	36.2	27.7	41.5

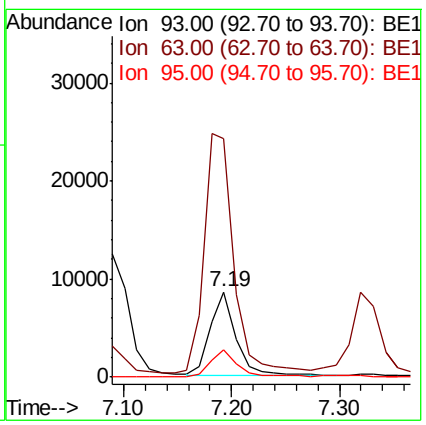


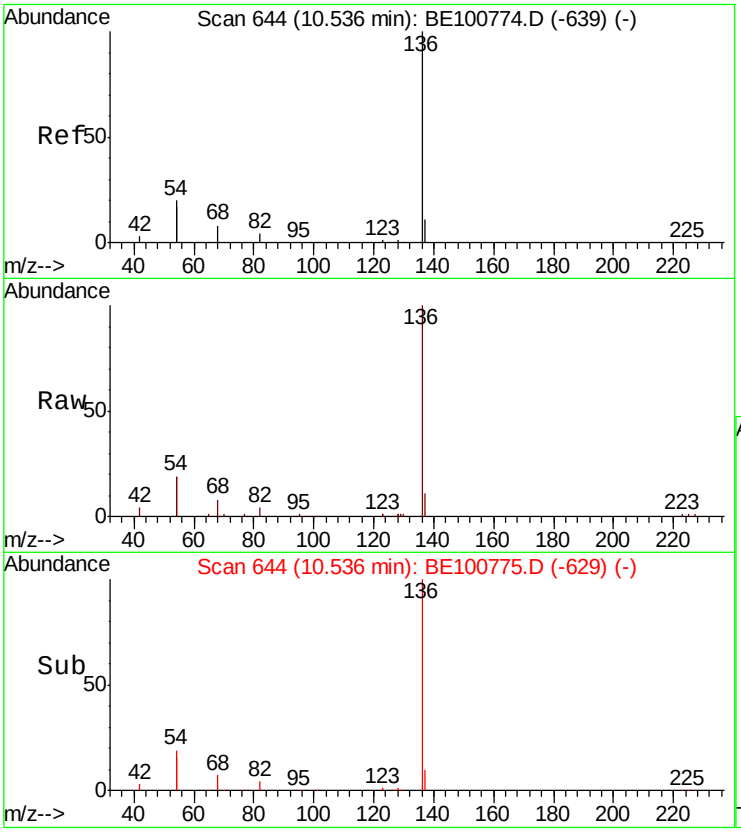


#6
bis(2-Chloroethyl)ether
Concen: 0.793 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion: 93 Resp: 14273

Ion	Ratio	Lower	Upper
93	100		
63	326.1	259.4	389.0
95	31.8	26.2	39.2



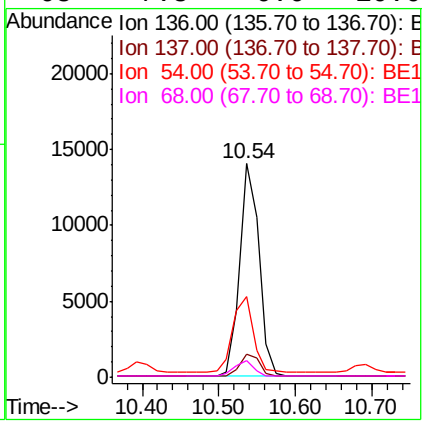


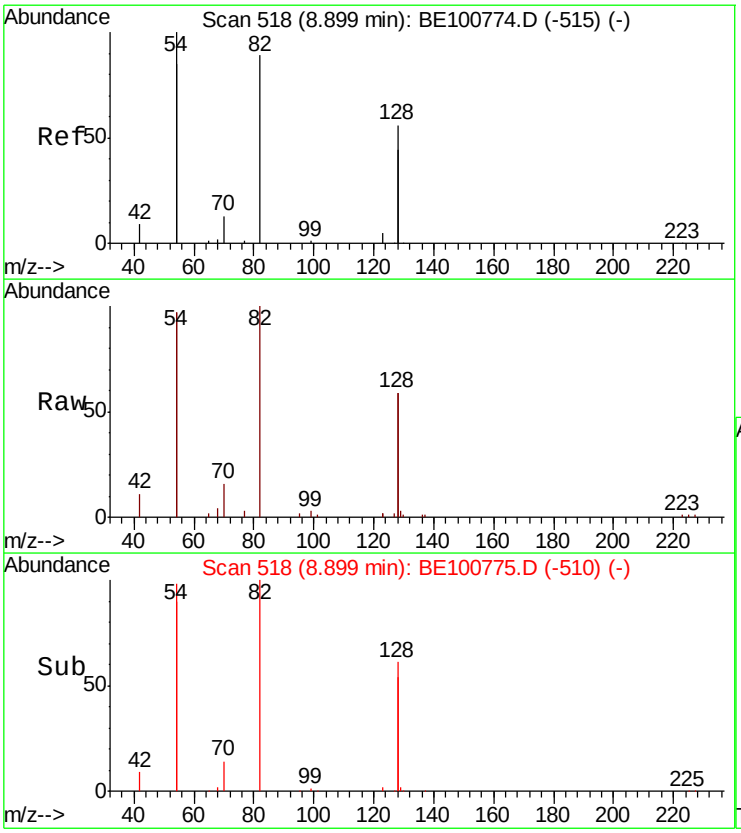
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 24555

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.0
54	37.7	31.1	46.7
68	7.8	6.6	10.0

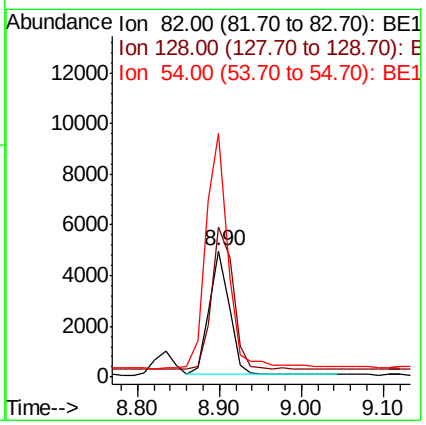


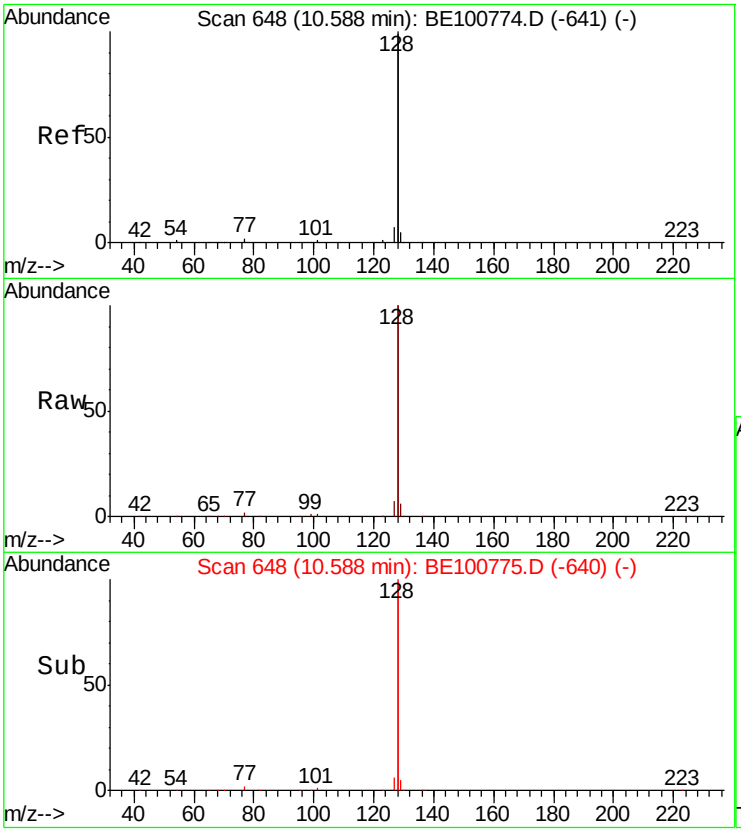


#8
Nitrobenzene-d5
Concen: 1.067 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion: 82 Resp: 8403

Ion	Ratio	Lower	Upper
82	100		
128	119.0	97.0	145.4
54	193.1	171.8	257.6



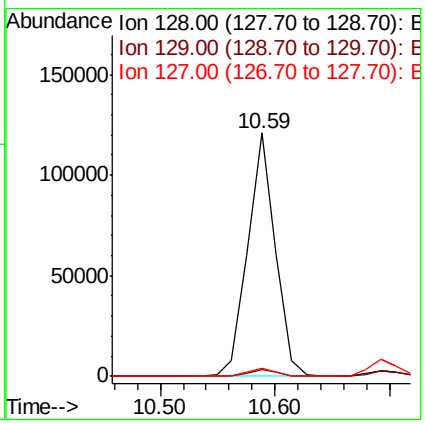


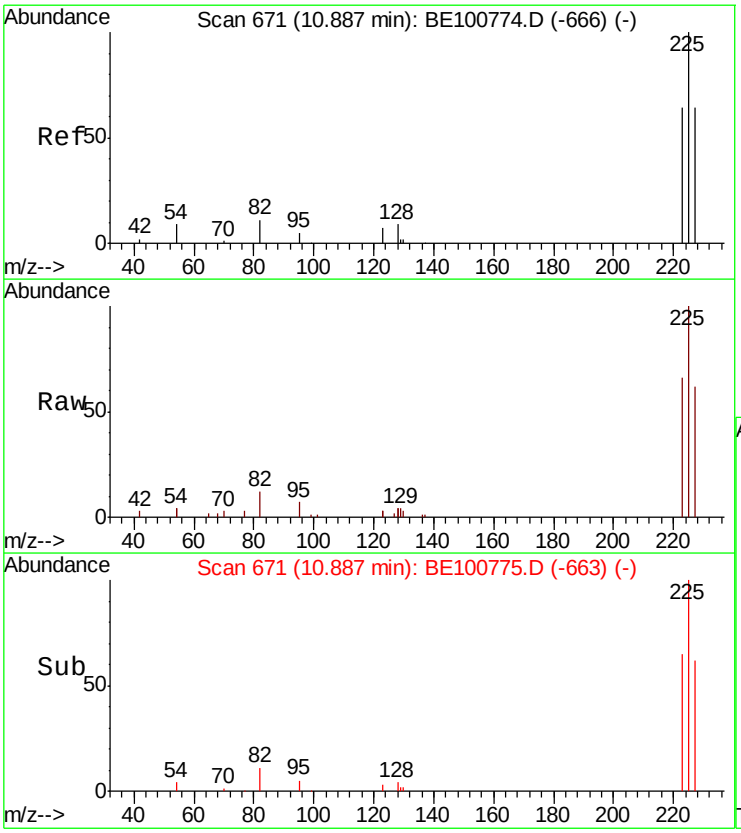
#9
Naphthalene
Concen: 0.766 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 199662

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.3	2.7	4.1

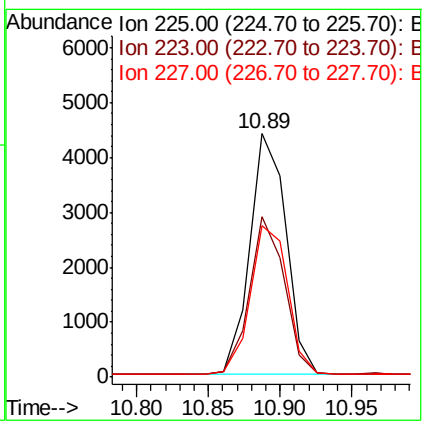


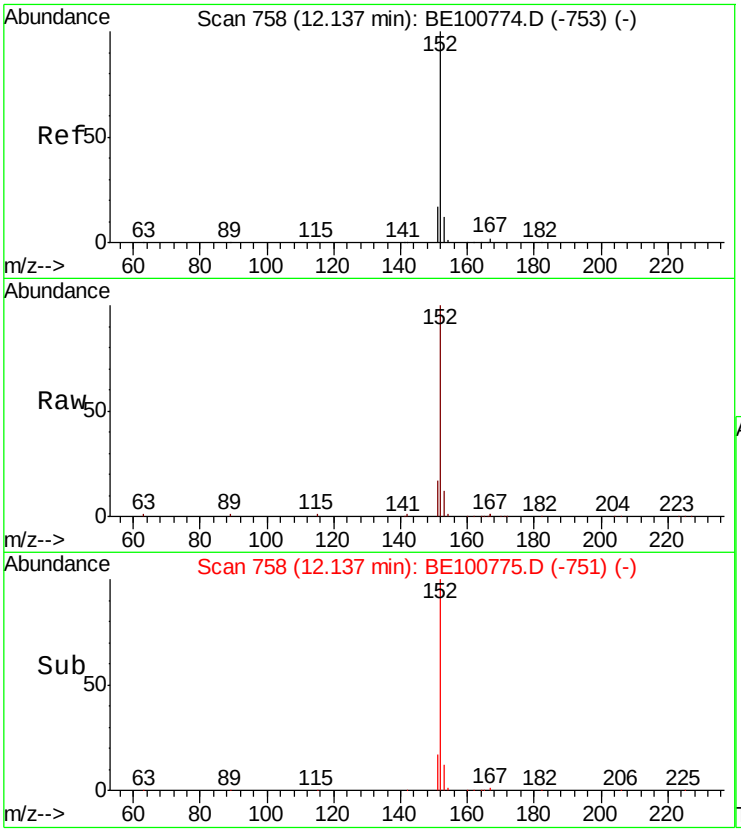


#10
Hexachlorobutadiene
Concen: 0.766 ng
RT: 10.89 min Scan# 671
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:225 Resp: 7669

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.9	74.9
227	64.0	52.2	78.4



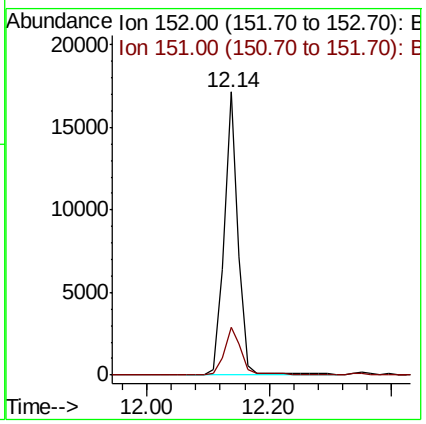


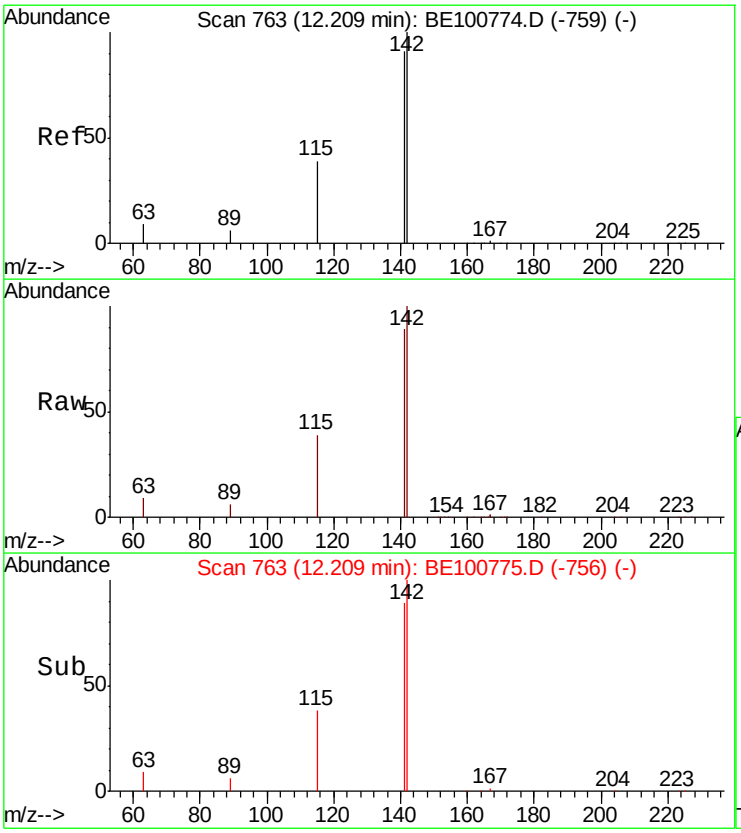
#11
2-Methylnaphthalene-d10
Concen: 0.759 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 27317

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8

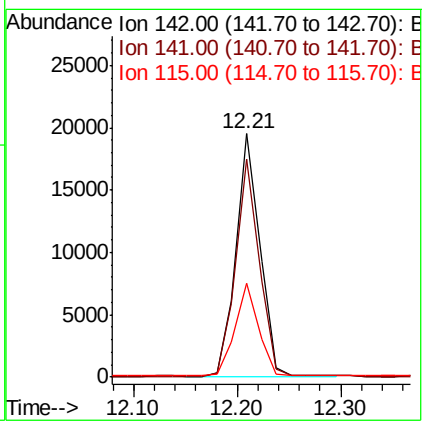


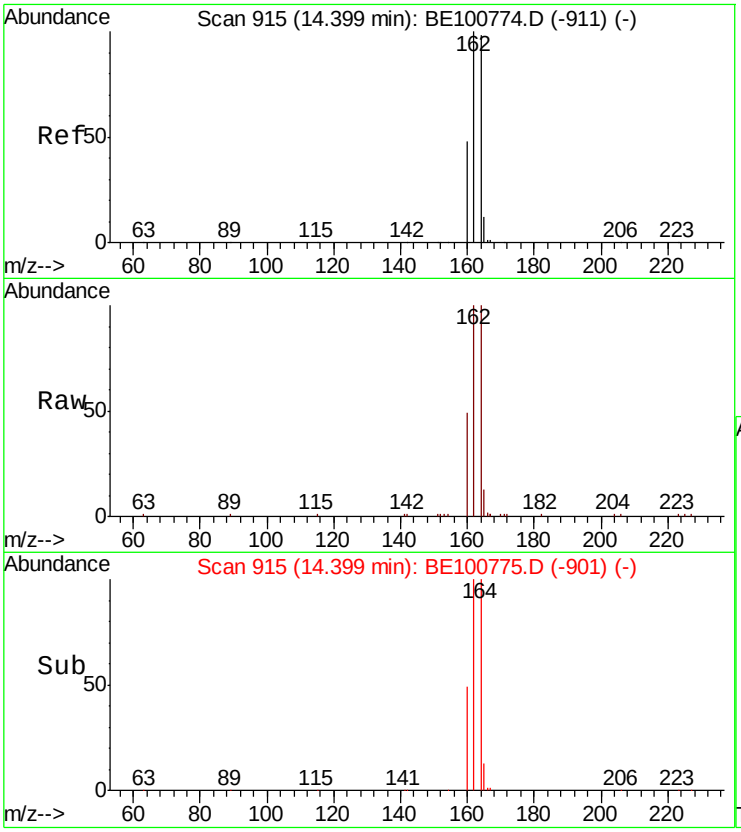


#12
2-Methylnaphthalene
Concen: 0.751 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:142 Resp: 30965

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8
115	38.7	31.8	47.6



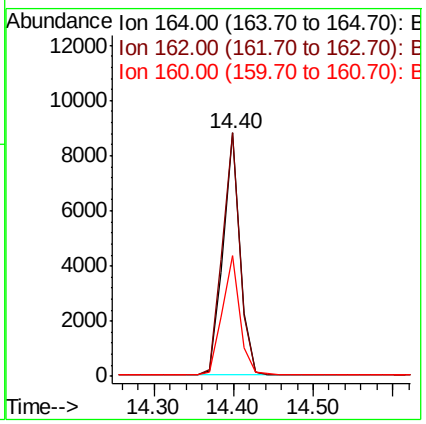


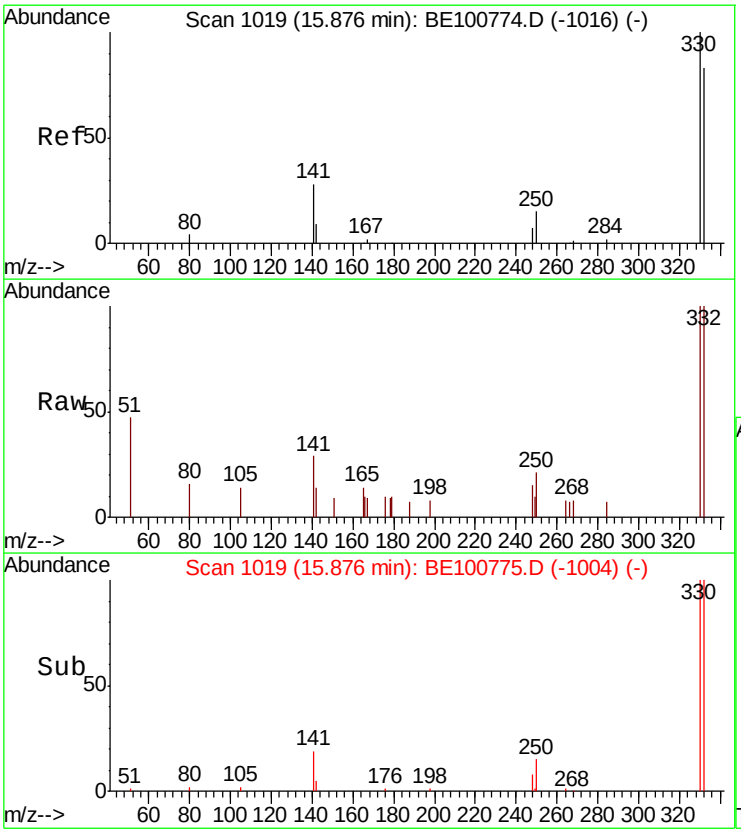
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 12917

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.0
160	49.3	39.4	59.0

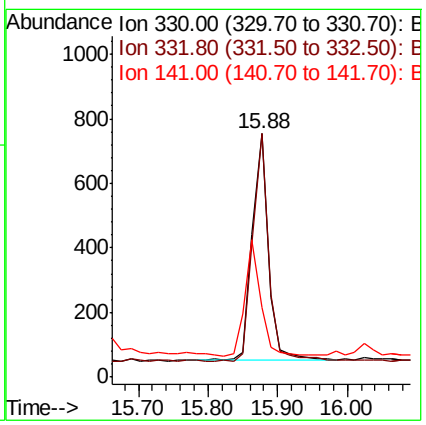


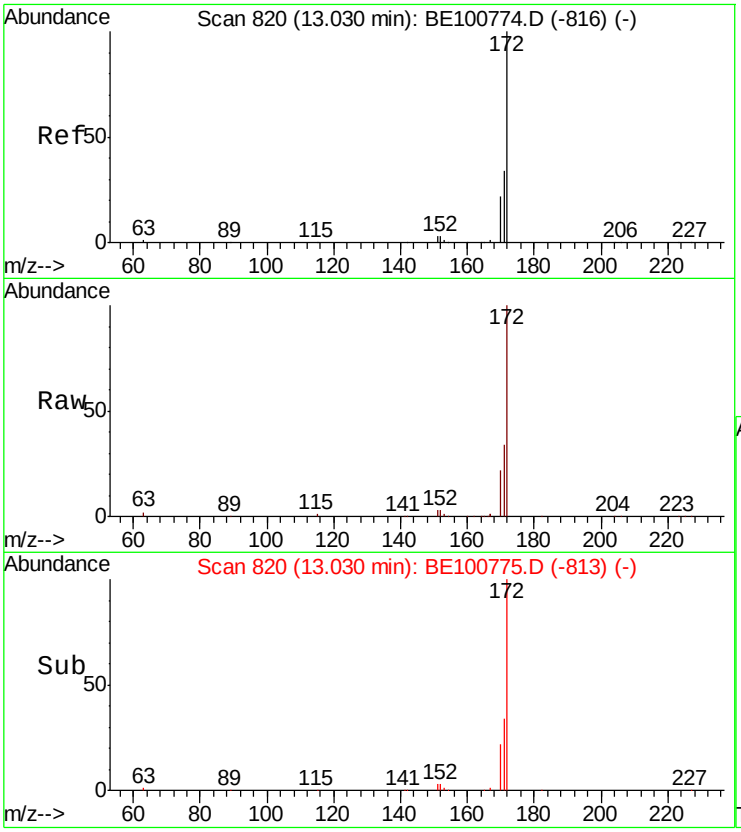


#14
2,4,6-Tribromophenol
Concen: 0.623 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:330 Resp: 1135

Ion	Ratio	Lower	Upper
330	100		
332	99.4	69.4	104.2
141	50.3	51.1	76.7#



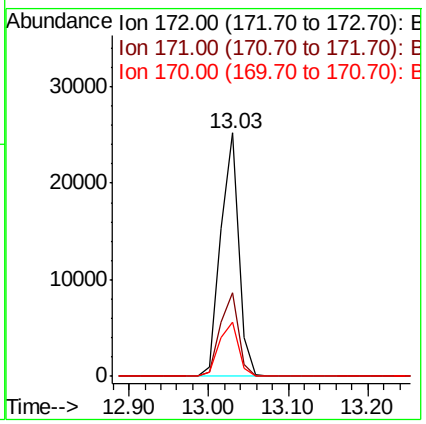


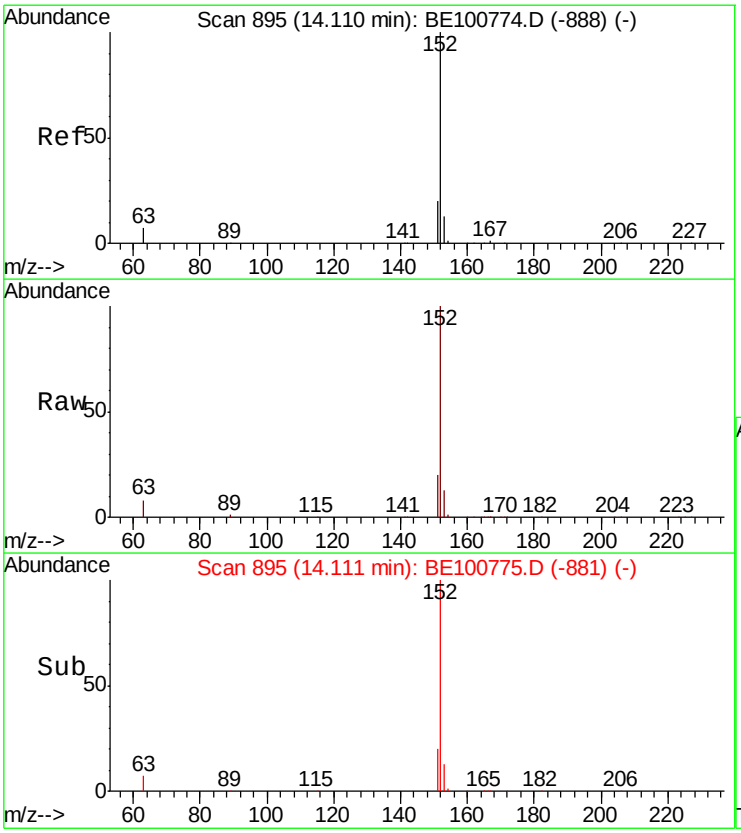
#15
2-Fluorobiphenyl
Concen: 0.788 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 39506

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.2	40.8
170	22.3	18.0	27.0

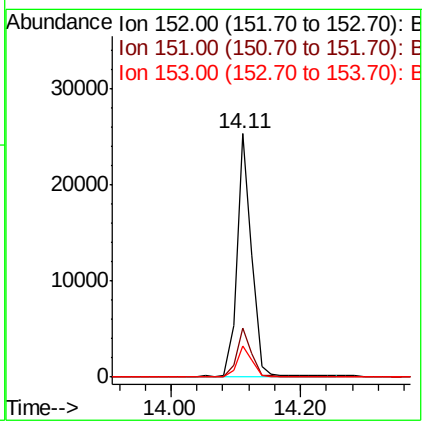


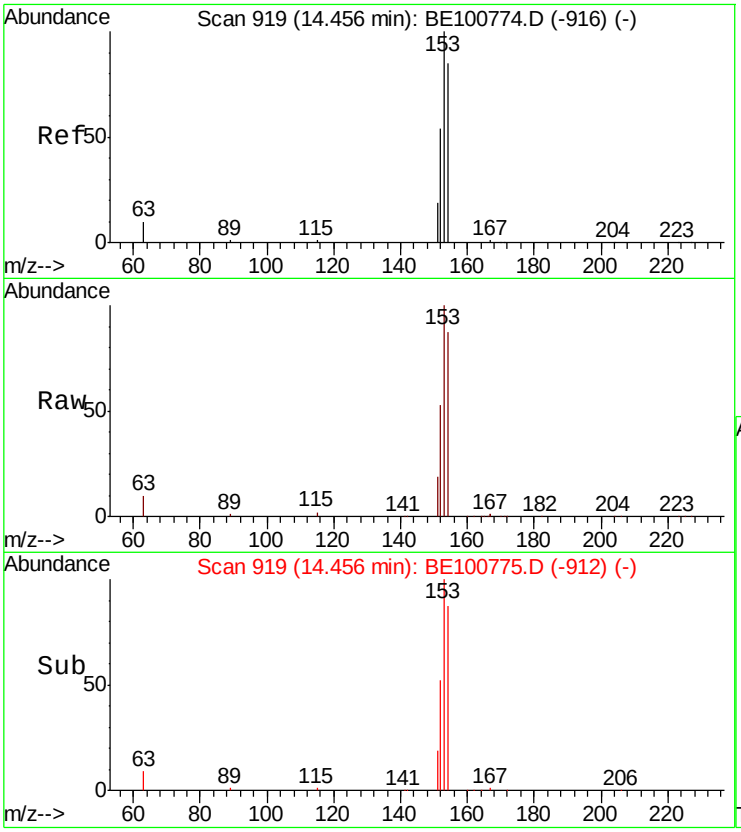


#16
Acenaphthylene
Concen: 0.707 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:152 Resp: 39330

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.9	10.4	15.6



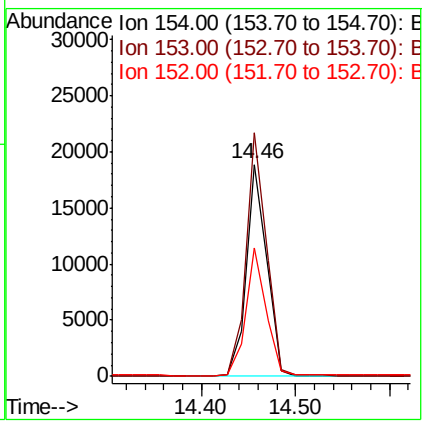


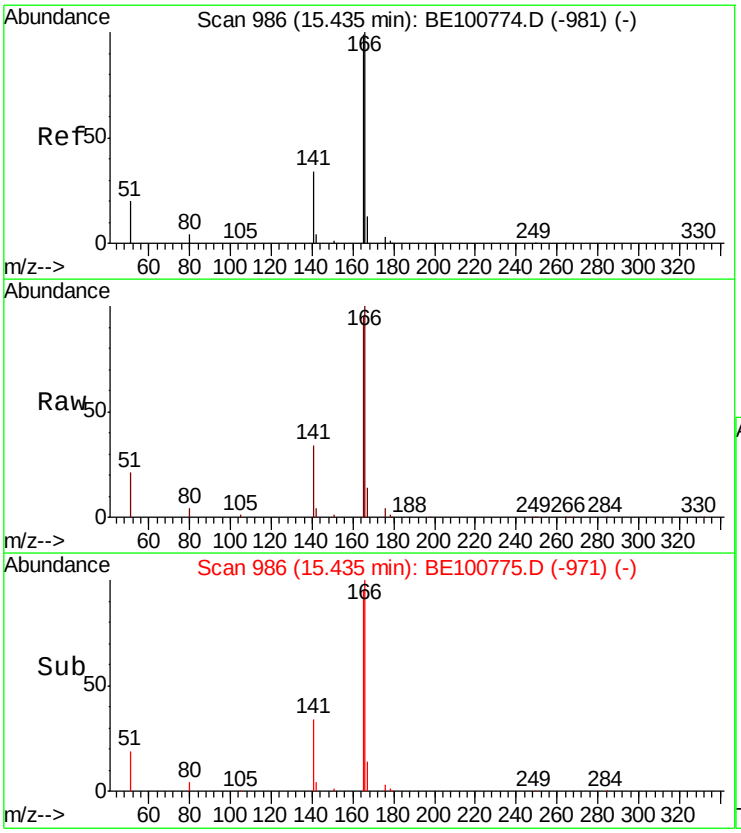
#17
Acenaphthene
Concen: 0.756 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 28193

Ion	Ratio	Lower	Upper
154	100		
153	115.1	92.2	138.2
152	60.4	49.1	73.7

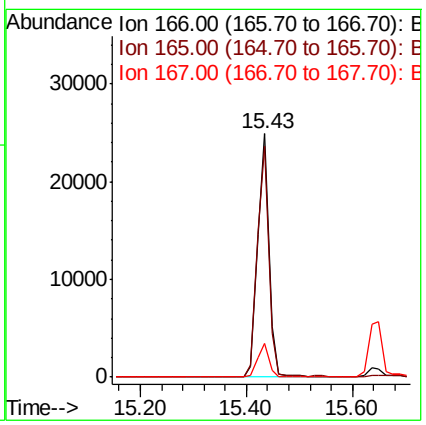


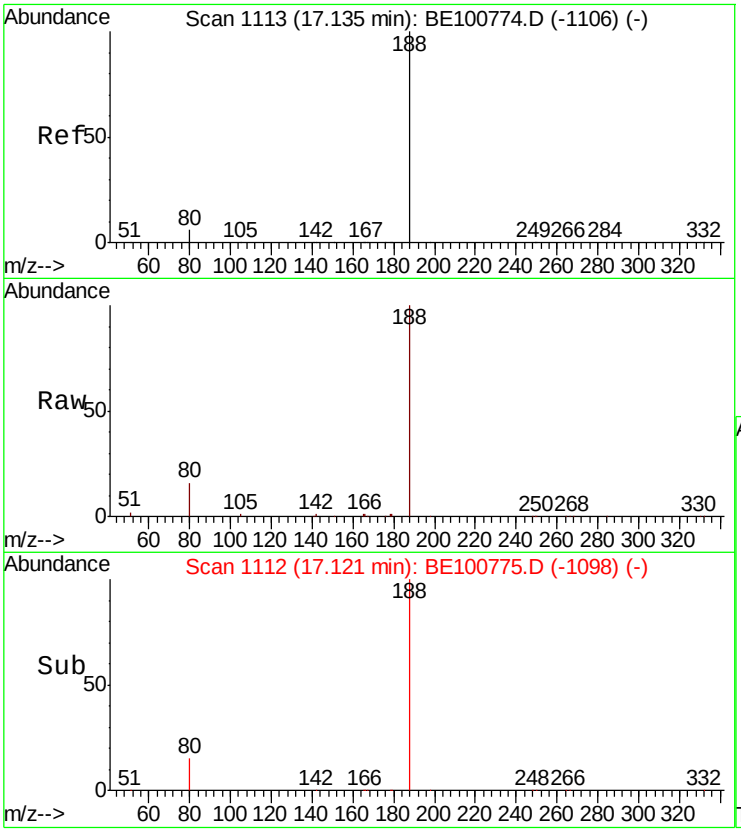


#18
Fluorene
Concen: 0.778 ng
RT: 15.43 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:166 Resp: 37042

Ion	Ratio	Lower	Upper
166	100		
165	97.1	80.5	120.7
167	13.5	10.7	16.1



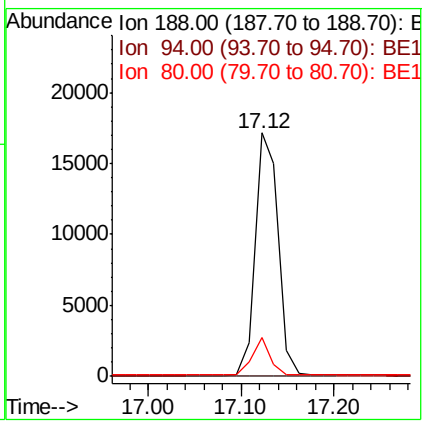


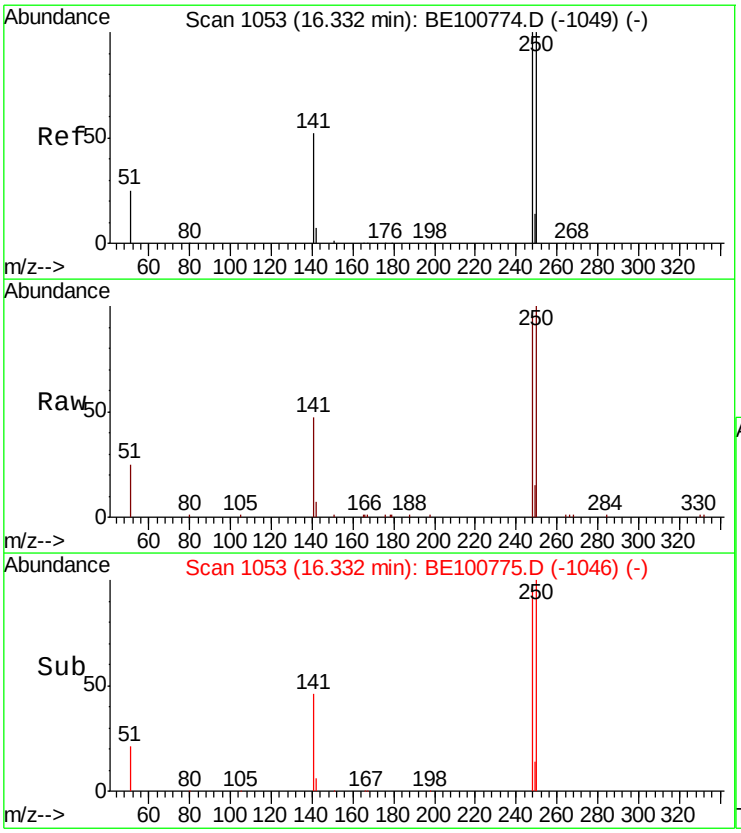
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 29329

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.7	5.2	7.8#

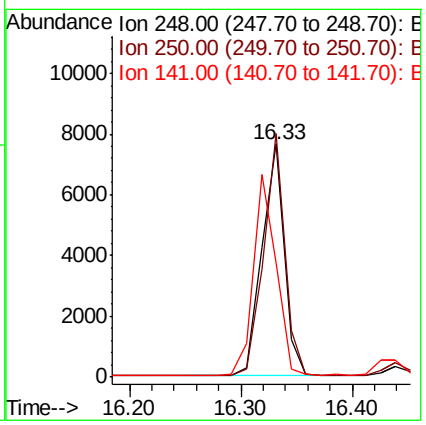


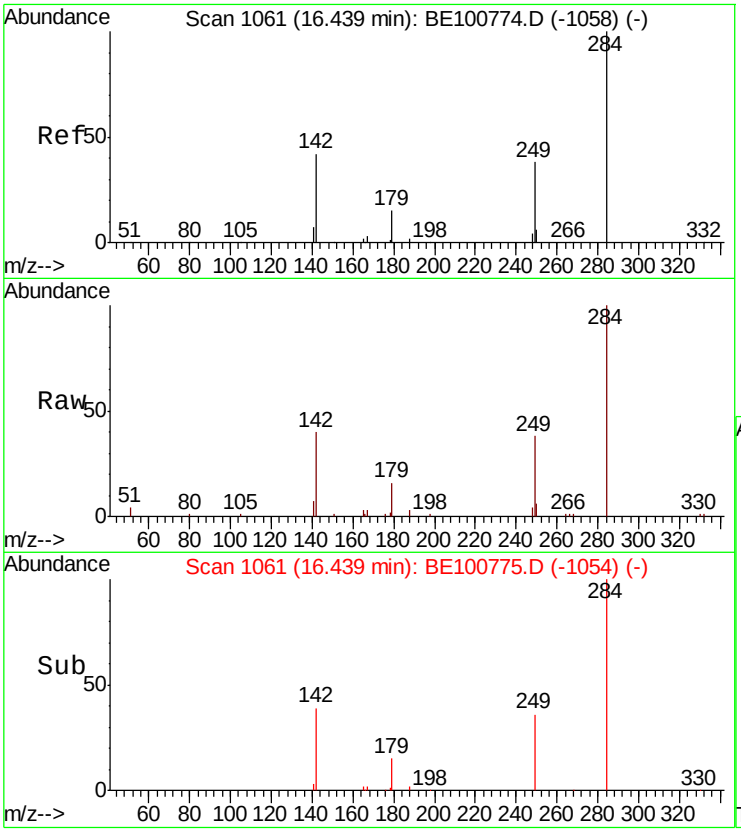


#20
4-Bromophenyl-phenylether
Concen: 0.744 ng
RT: 16.33 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:248 Resp: 10742

Ion	Ratio	Lower	Upper
248	100		
250	104.4	80.5	120.7
141	48.8	42.6	64.0



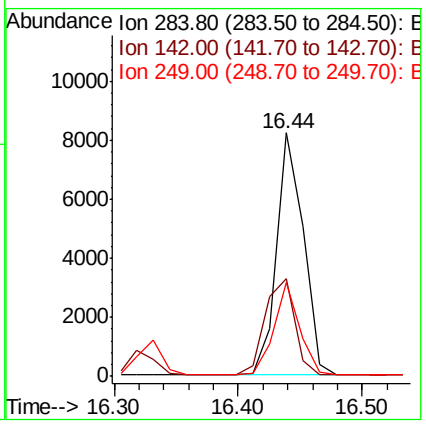


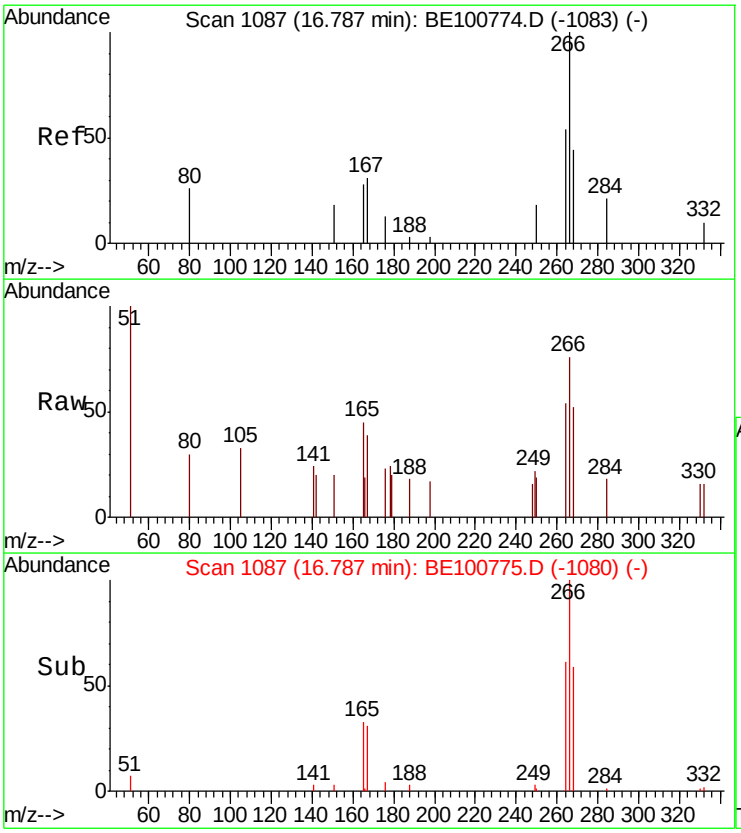
#21
Hexachlorobenzene
Concen: 0.810 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 12195

Ion	Ratio	Lower	Upper
284	100		
142	43.8	34.4	51.6
249	35.6	28.5	42.7

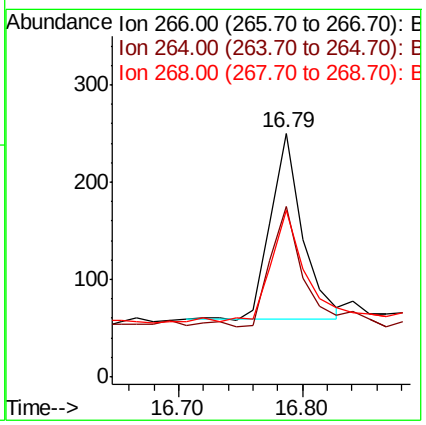


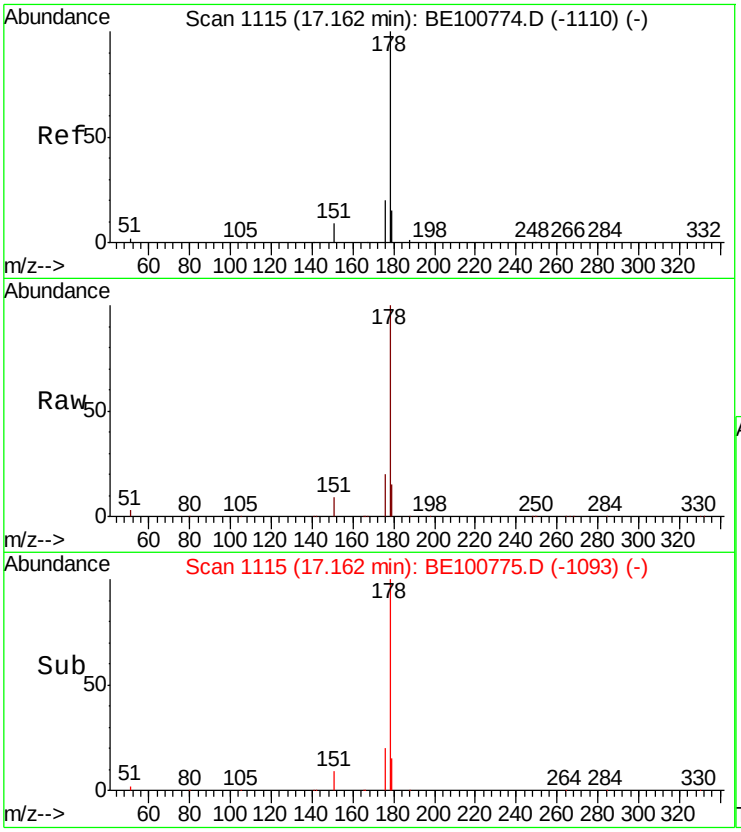


#22
Pentachlorophenol
Concen: 0.125 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:266 Resp: 341

Ion	Ratio	Lower	Upper
266	100		
264	70.0	63.4	95.0
268	68.4	65.8	98.8



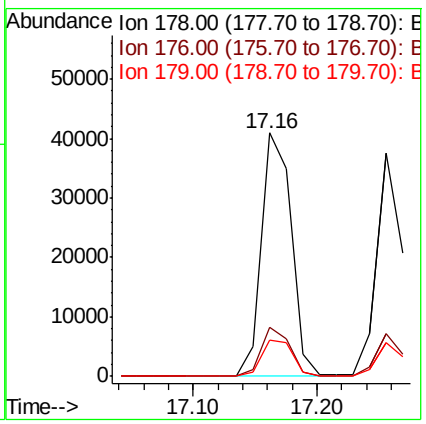


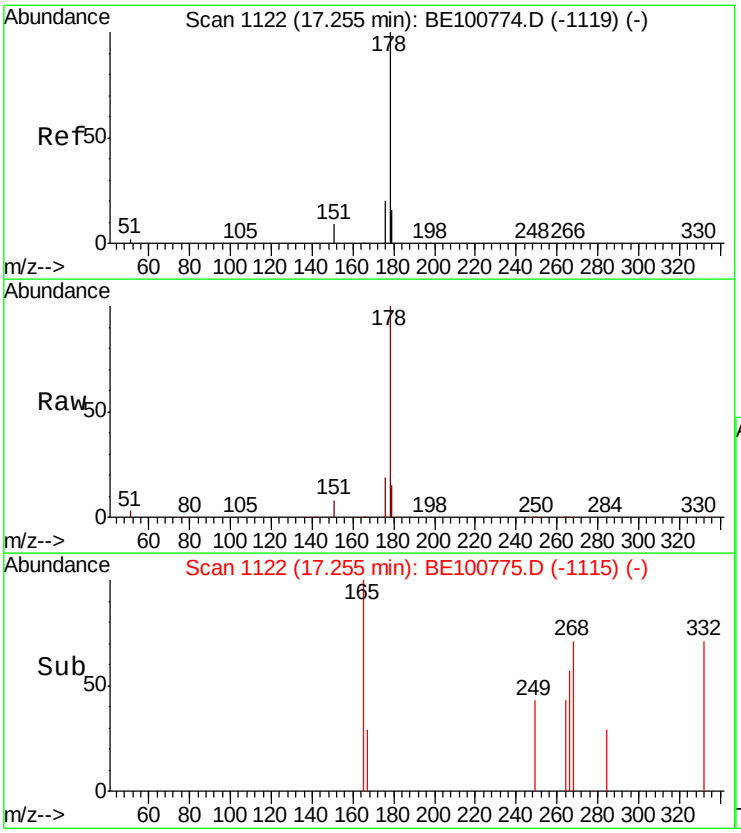
#23
Phenanthrene
Concen: 0.774 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 68404

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.3	12.3	18.5

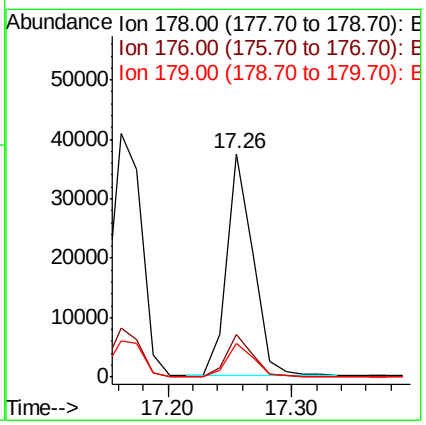


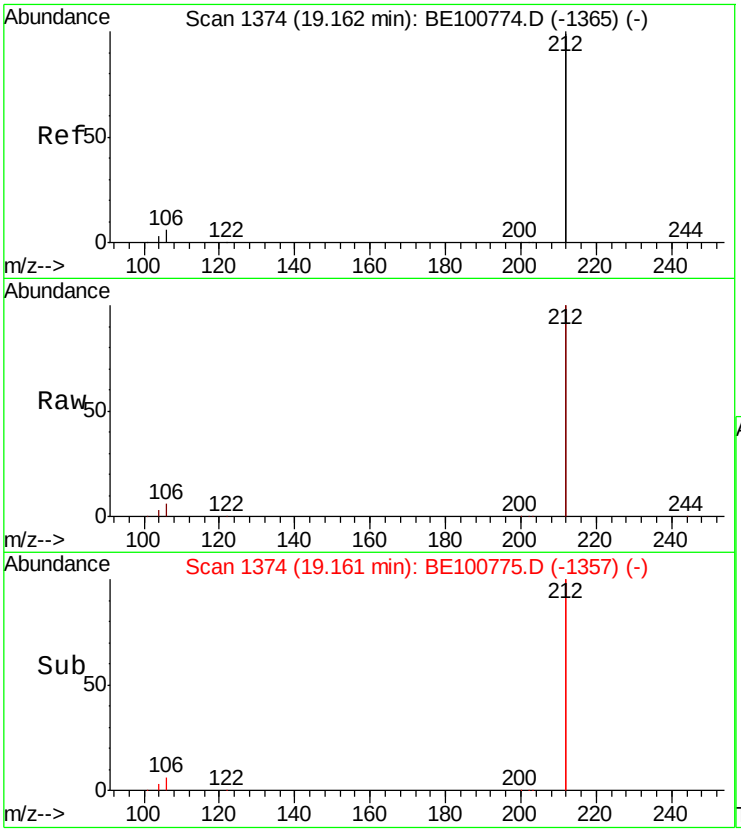


#24
Anthracene
Concen: 0.724 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:178 Resp: 55135

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.7	19.1



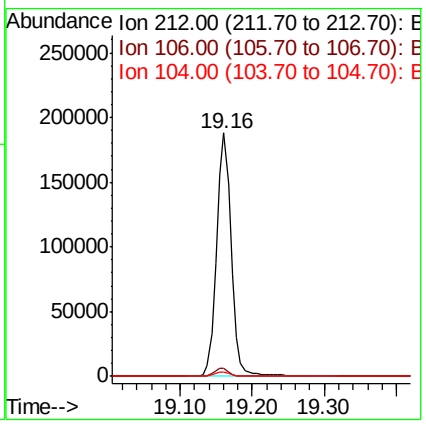


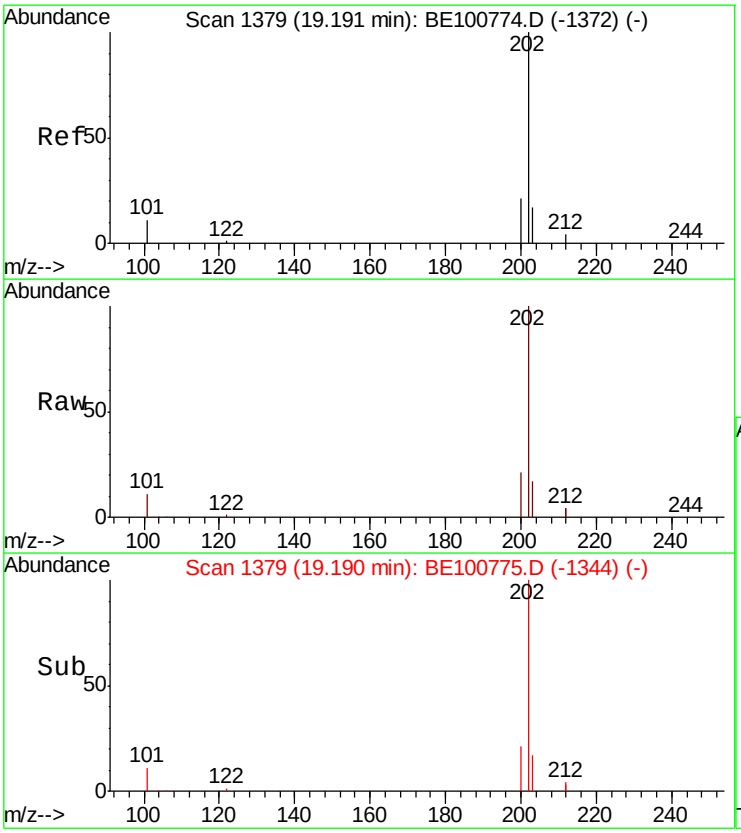
#25
Fluoranthene-d10
Concen: 0.729 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 261547

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

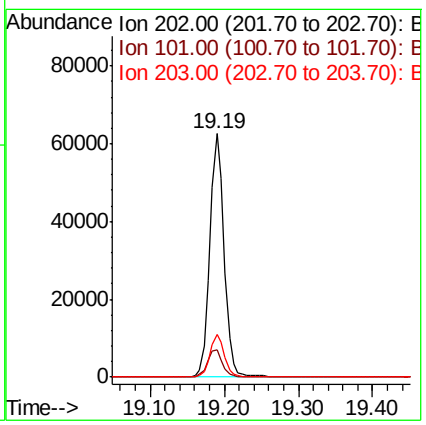


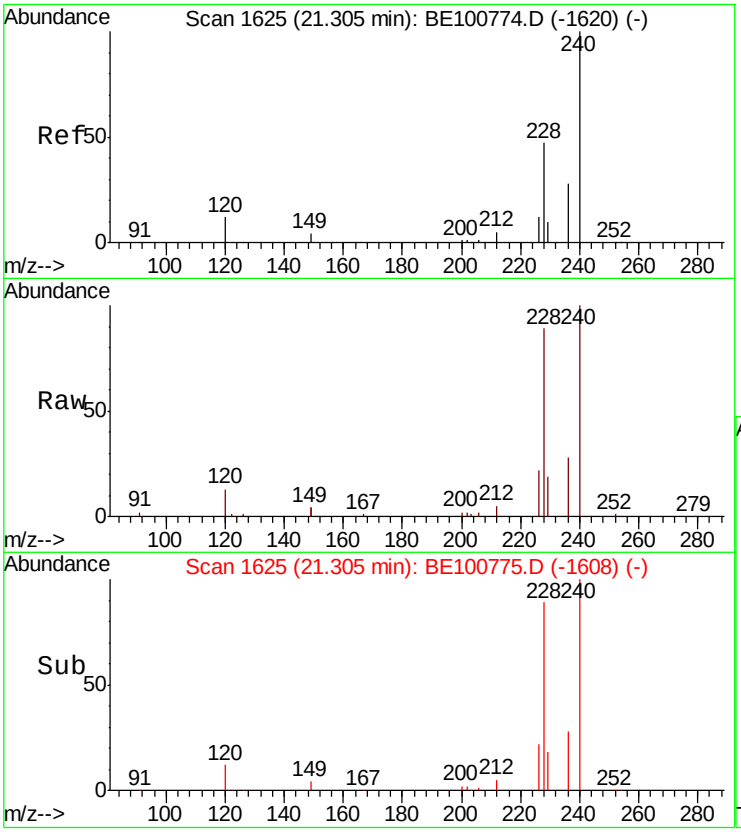


#26
Fluoranthene
Concen: 0.767 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:202 Resp: 82875

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.3	13.8	20.6



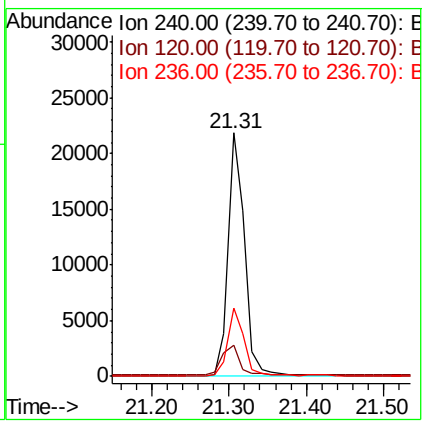


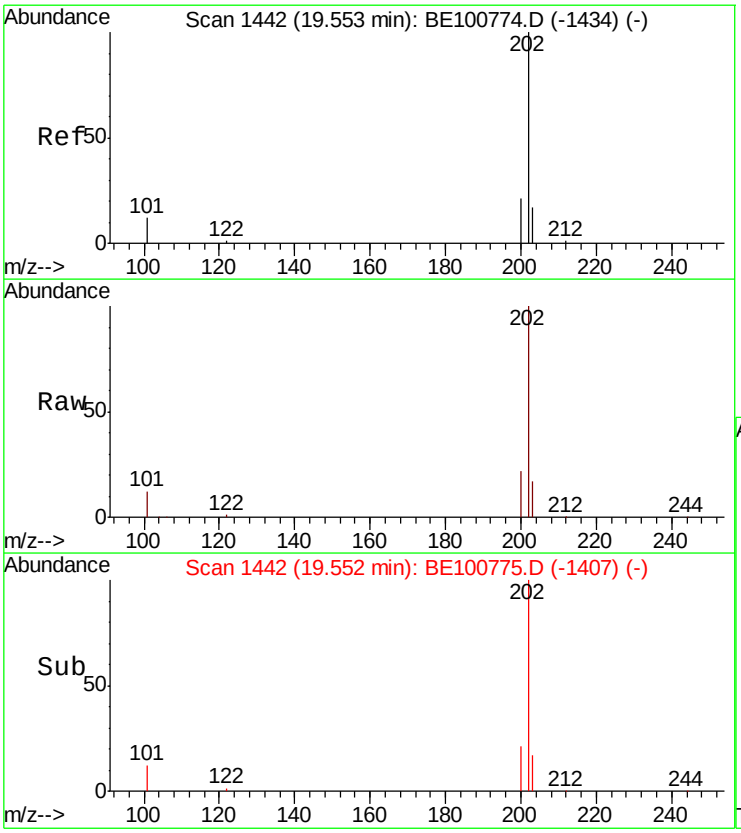
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 32135

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.2	15.2
236	28.3	22.3	33.5

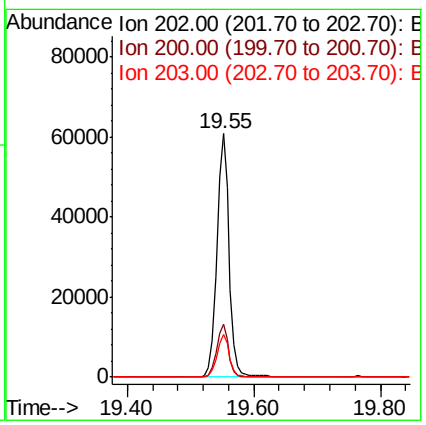


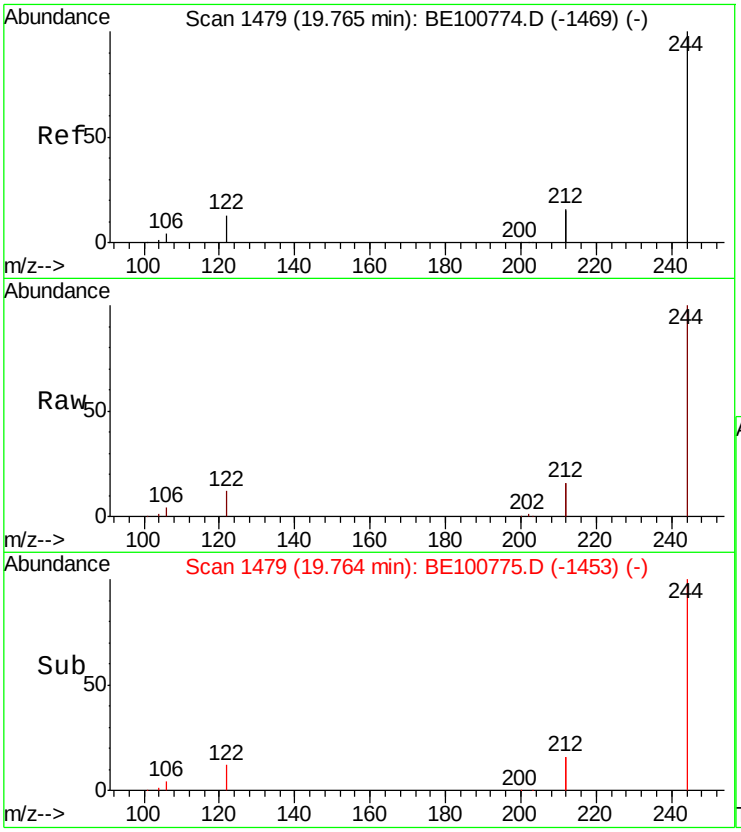


#28
Pyrene
Concen: 0.806 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:202 Resp: 80205

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	13.9	20.9



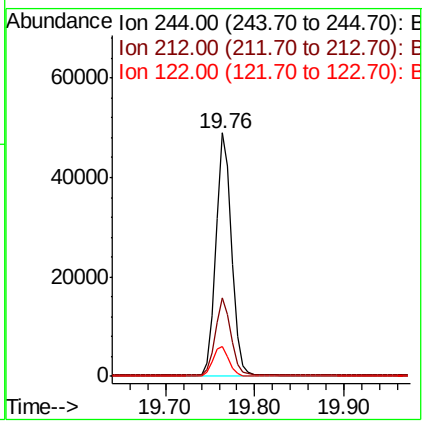


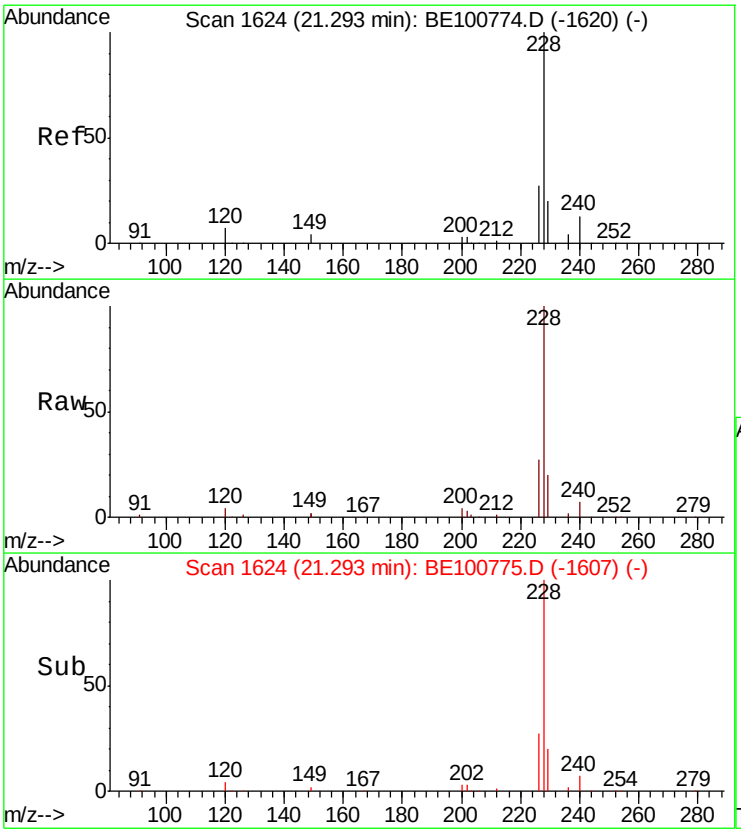
#29
Terphenyl-d14
Concen: 0.808 ng
RT: 19.76 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 59812

Ion	Ratio	Lower	Upper
244	100		
212	32.3	26.2	39.4
122	12.4	10.2	15.4

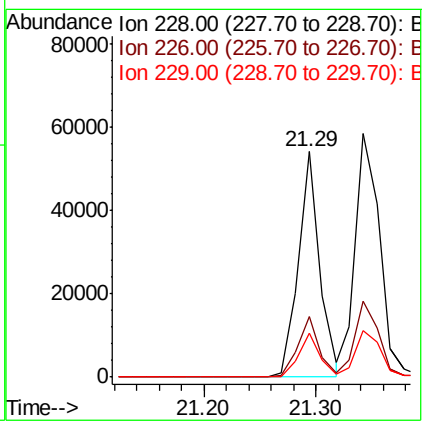


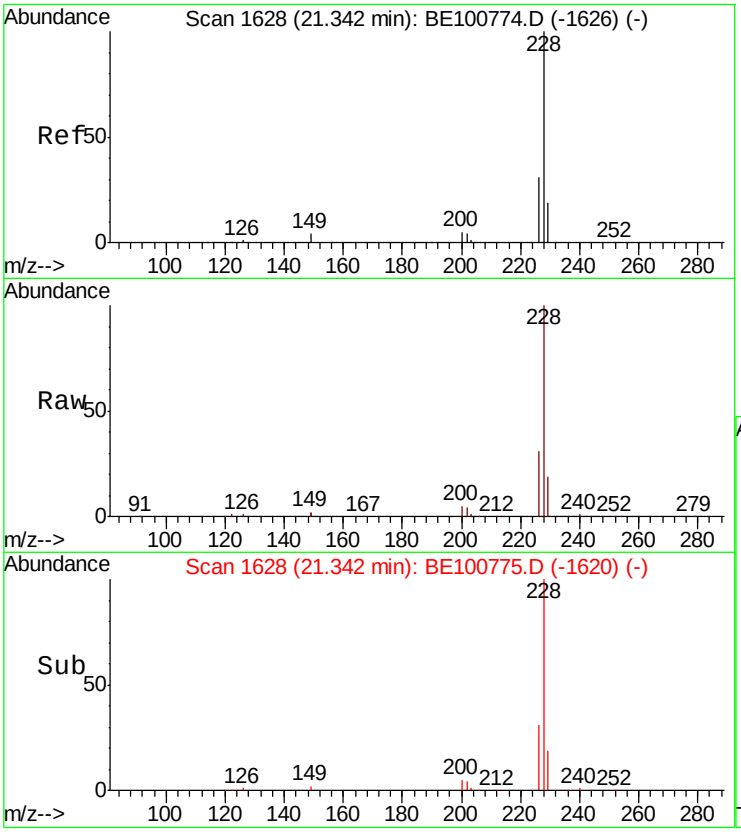


#30
Benzo(a)anthracene
Concen: 0.655 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:228 Resp: 71045

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.7	16.0	24.0



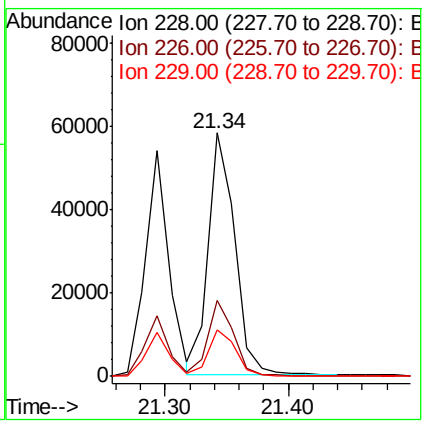


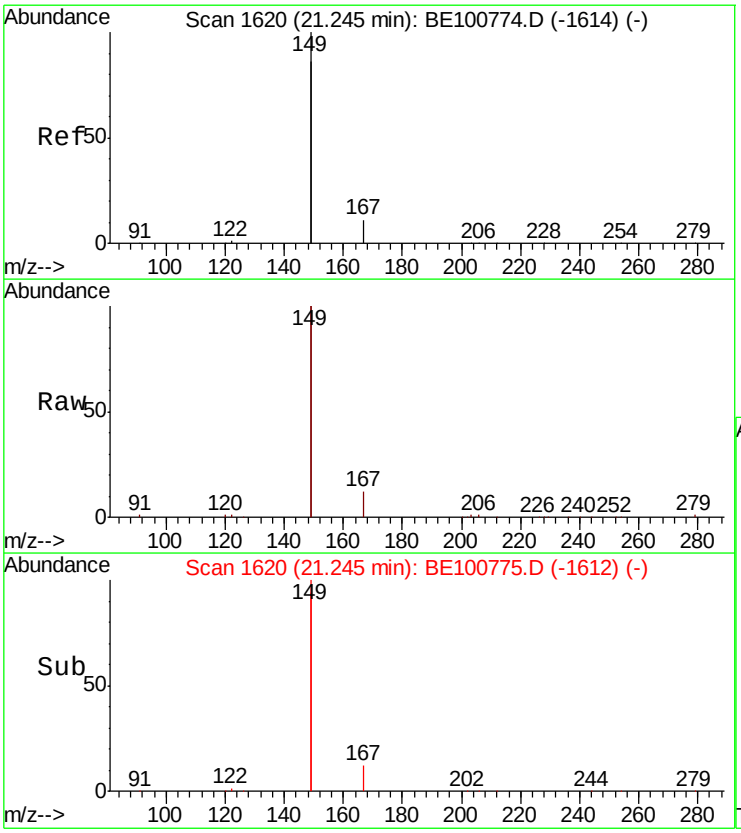
#31
Chrysene
Concen: 0.793 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 87420

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	19.2	15.4	23.2

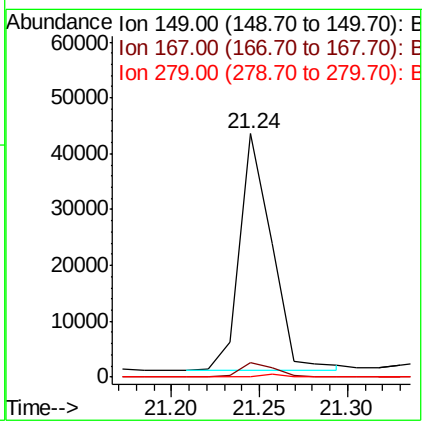


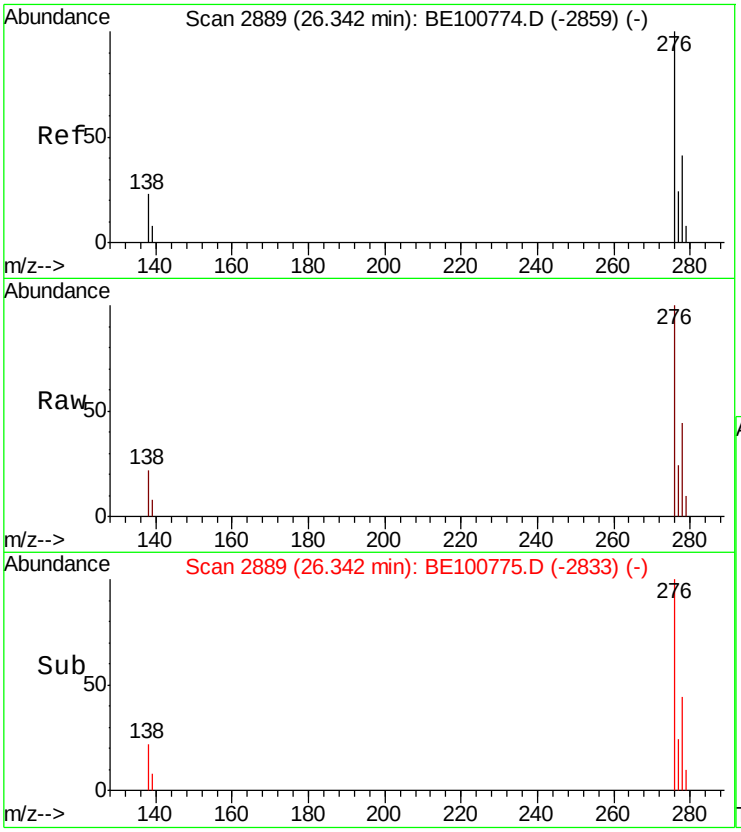


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.274 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:149 Resp: 53400

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.0	7.6
279	0.8	0.7	1.1



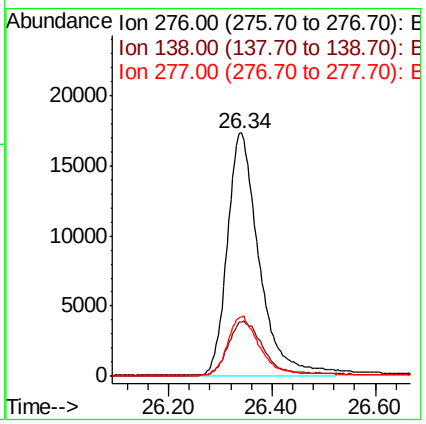


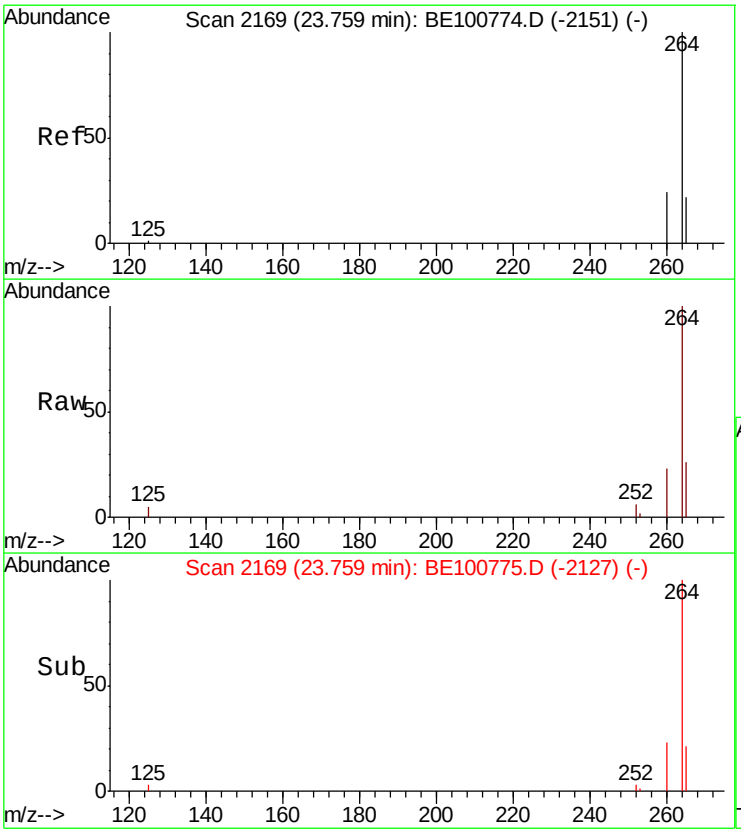
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.641 ng
RT: 26.34 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 74013

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

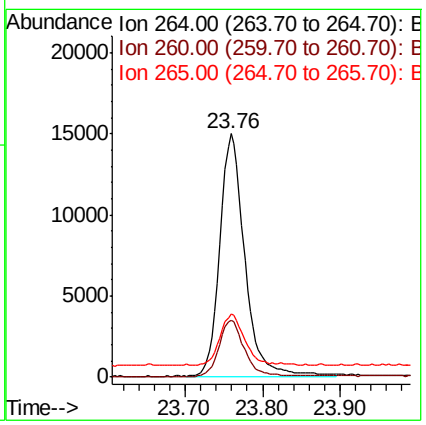


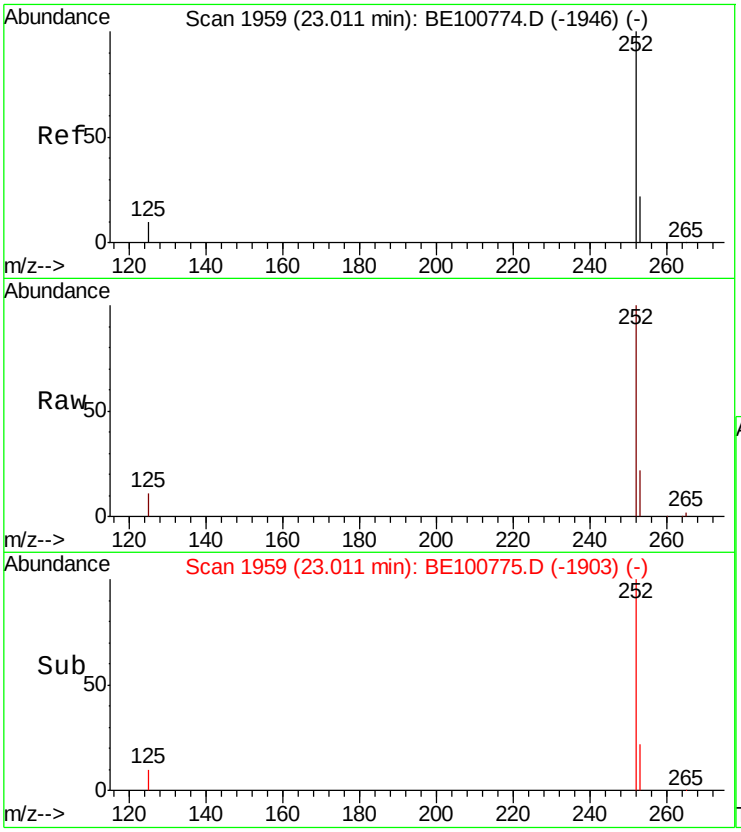


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:264 Resp: 33422

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	25.8	21.8	32.8



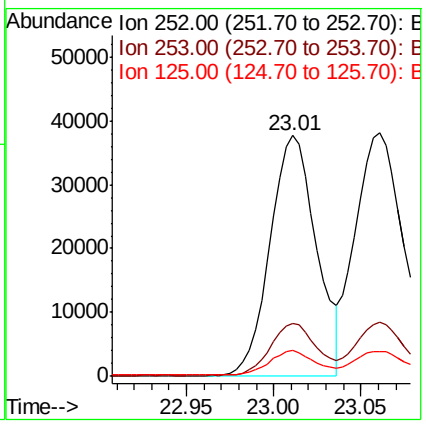


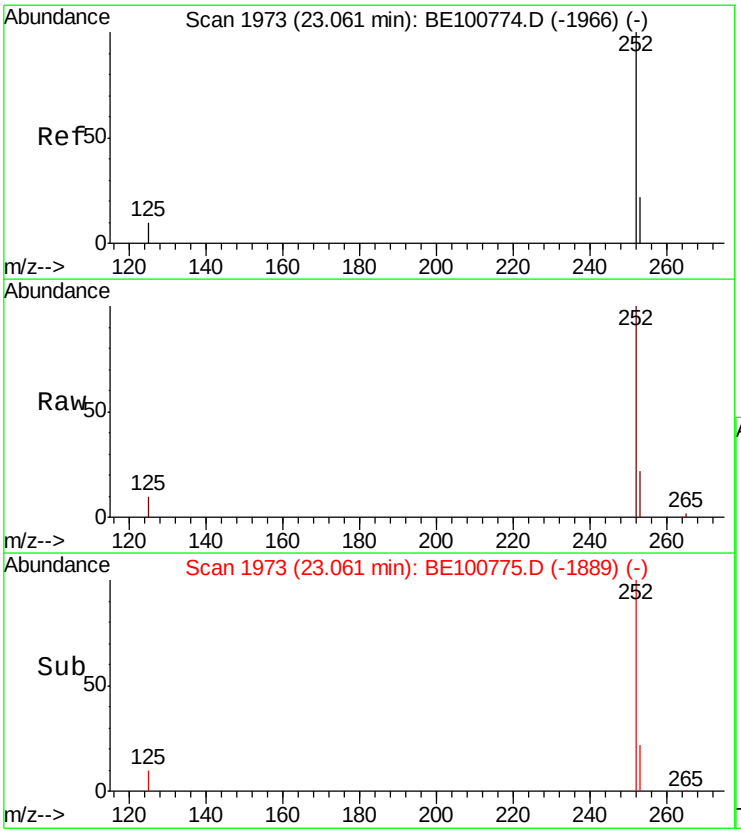
#35
Benzo(b)fluoranthene
Concen: 0.660 ng
RT: 23.01 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 69174

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.8	9.0	13.4

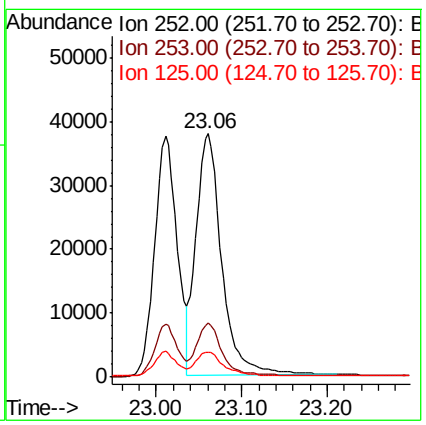


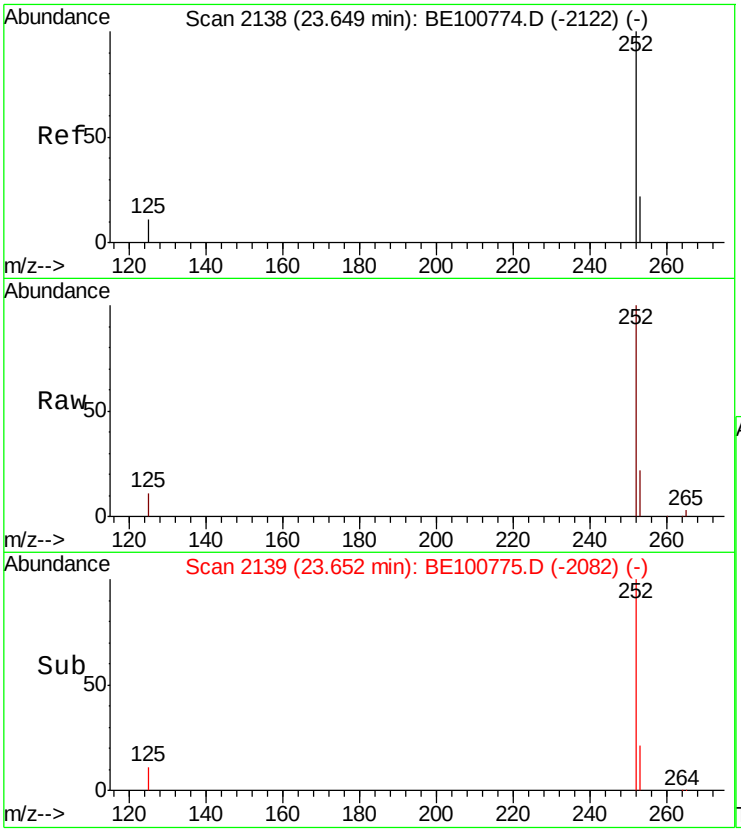


#36
Benzo(k)fluoranthene
Concen: 0.722 ng
RT: 23.06 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:252 Resp: 78943

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.2	8.7	13.1



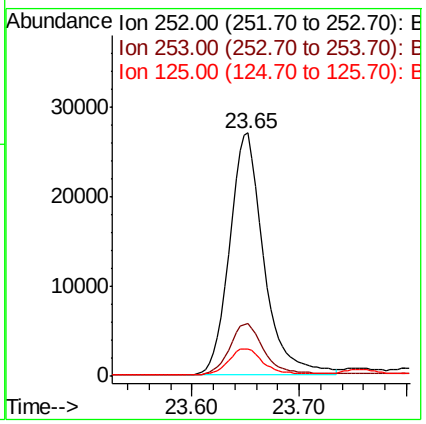


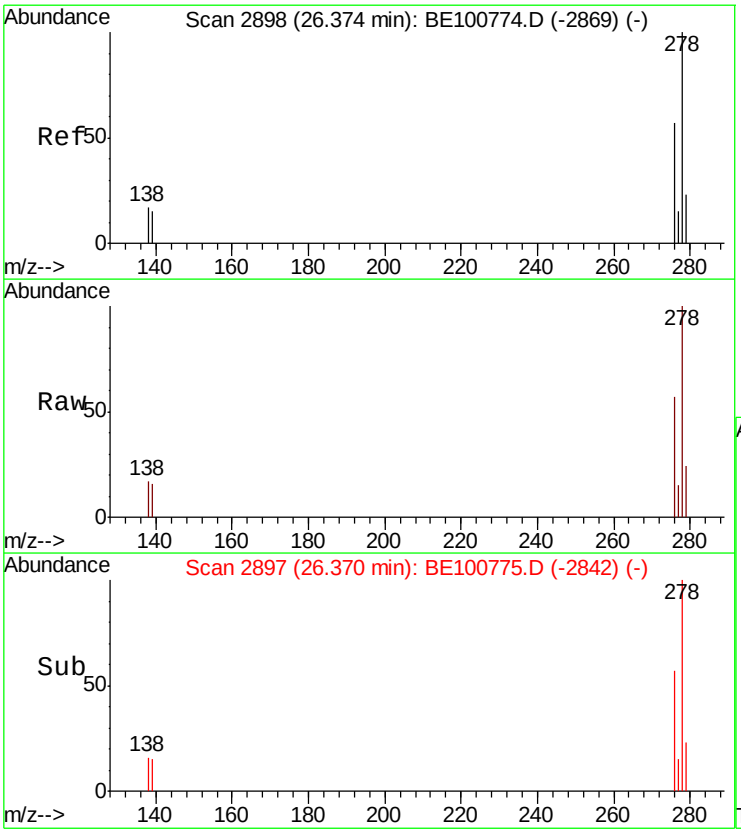
#37
Benzo(a)pyrene
Concen: 0.640 ng
RT: 23.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 59238

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.3	10.4	15.6

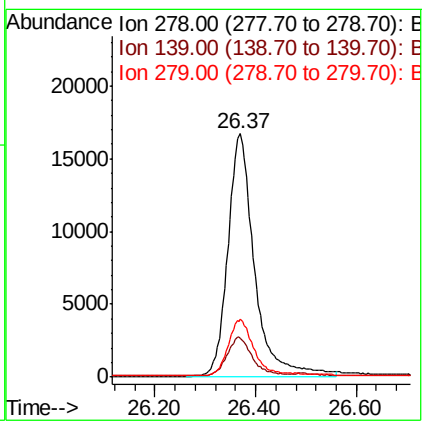


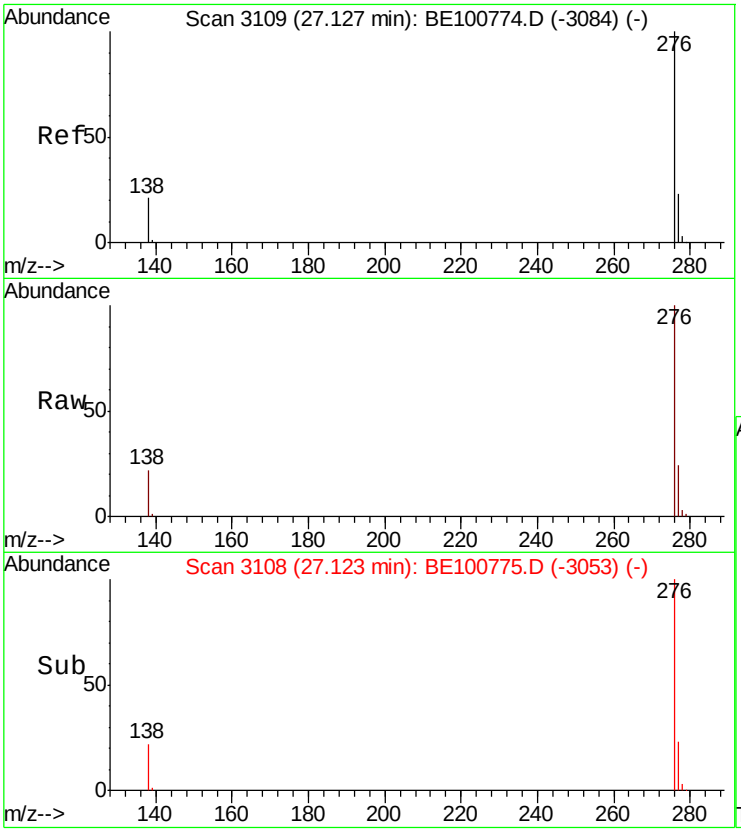


#38
Dibenzo(a,h)anthracene
Concen: 0.630 ng
RT: 26.37 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Tgt Ion:278 Resp: 61244

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.4
279	23.7	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.636 ng
RT: 27.12 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE100775.D
Acq: 4 Dec 2019 14:28

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 64452

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	21.9	17.8	26.6