Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100771.D
Acq On : 4 Dec 2019 11:58
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 04 15:52:43 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	7.76	152	5028	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	23505	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	25516	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	69547	0.40	ng		0.00
27) Chrysene-d12	21.31	240	81918	0.40	ng		0.00
34) Perylene-d12	23.76	264	95853	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	4968	0.36	ng		0.00
5) Phenol-d6	6.93	99	7595	0.38	ng		0.00
8) Nitrobenzene-d5	8.90	82	4106	0.54	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	18190	0.53	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1657	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	36799	0.37	ng		0.00
25) Fluoranthene-d10	19.16	212	361801	0.42	ng		0.00
29) Terphenyl-d14	19.77	244	85045	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3954	0.419	ng		99
3) n-Nitrosodimethylamine	3.65	42	3017	0.434	ng	#	95
6) bis(2-Chloroethyl)ether	7.20	93	7362	0.447	ng		94
9) Naphthalene	10.59	128	103102	0.413	ng		100
10) Hexachlorobutadiene	10.89	225	3806	0.397	ng		97
12) 2-Methylnaphthalene	12.21	142	20862	0.529	ng		99
16) Acenaphthylene	14.11	152	42555	0.387	ng		100
17) Acenaphthene	14.46	154	31968	0.434	ng		98
18) Fluorene	15.43	166	46237	0.491	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	14582	0.426	ng		97
21) Hexachlorobenzene	16.44	284	15685	0.439	ng		98
22) Pentachlorophenol	16.79	266	797	0.123	ng		92
23) Phenanthrene	17.17	178	94065	0.449	ng		100
24) Anthracene	17.26	178	74980	0.415	ng		99
26) Fluoranthene	19.19	202	115031	0.449	ng		100
28) Pyrene	19.55	202	112544	0.444	ng		100
30) Benzo(a)anthracene	21.29	228	109328	0.396	ng		99
31) Chrysene	21.34	228	125854	0.448	ng		99
32) Bis(2-ethylhexyl)phthalate	21.25	149	87576	0.176	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.34	276	119832	0.407	ng		99
35) Benzo(b)fluoranthene	23.01	252	102740	0.342	ng		98
36) Benzo(k)fluoranthene	23.06	252	121388	0.387	ng		99
37) Benzo(a)pyrene	23.65	252	93287	0.352	ng		97
38) Dibenzo(a,h)anthracene	26.37	278	98576	0.353	ng		99
39) Benzo(g,h,i)perylene	27.13	276	102721	0.353	ng		99

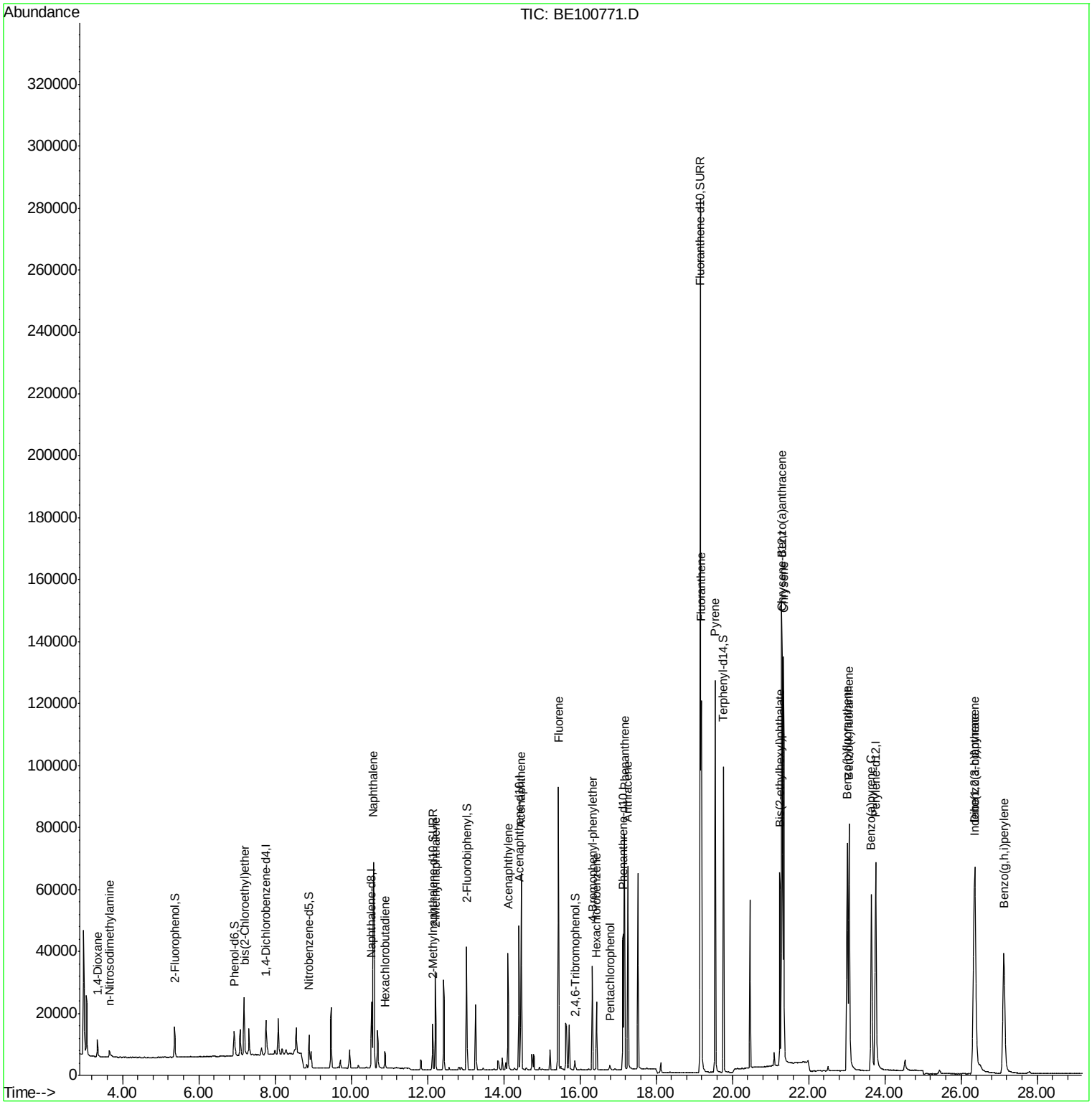
(#) = qualifier out of range (m) = manual integration (+) = signals summed

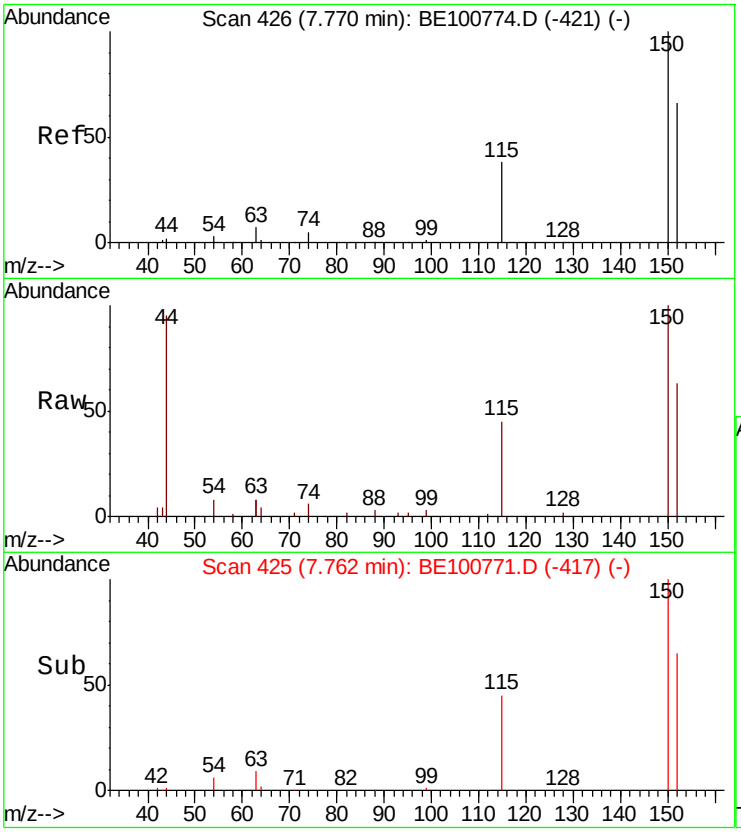
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120419\
Data File : BE100771.D
Acq On : 4 Dec 2019 11:58
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 04 15:52:43 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



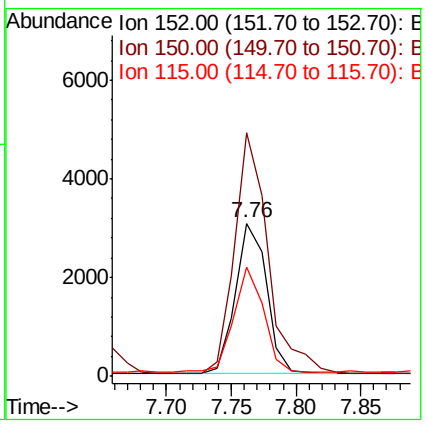


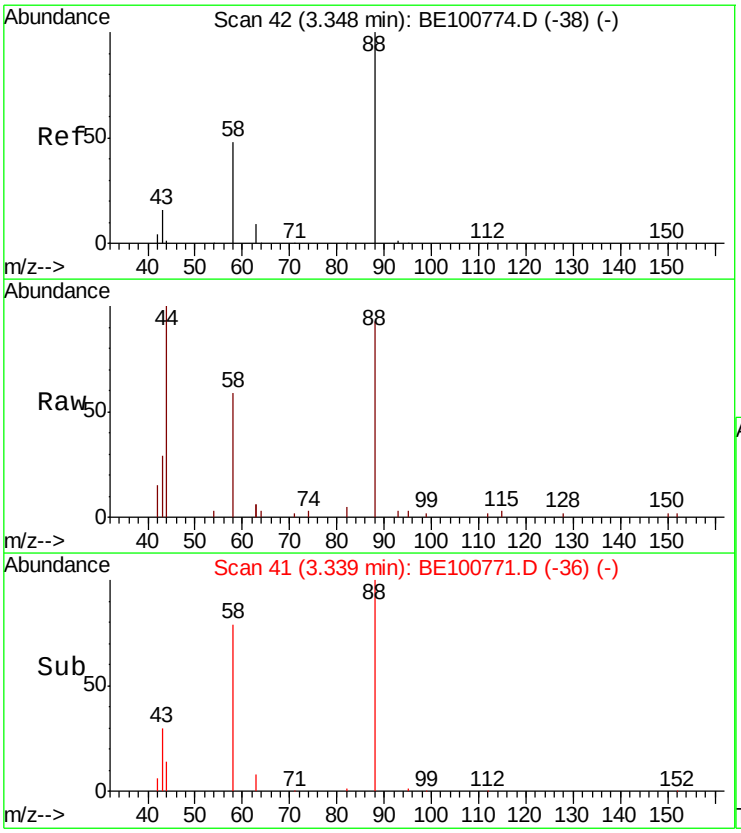
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5028

Ion	Ratio	Lower	Upper
152	100		
150	159.1	120.6	181.0
115	71.5	47.4	71.2#

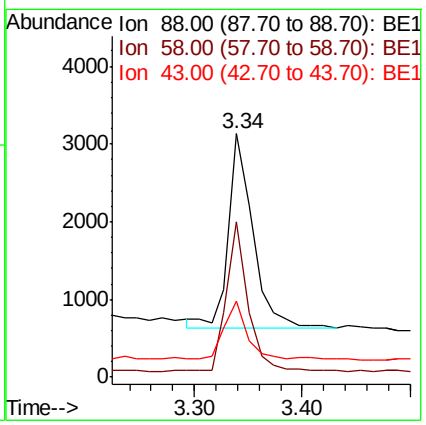


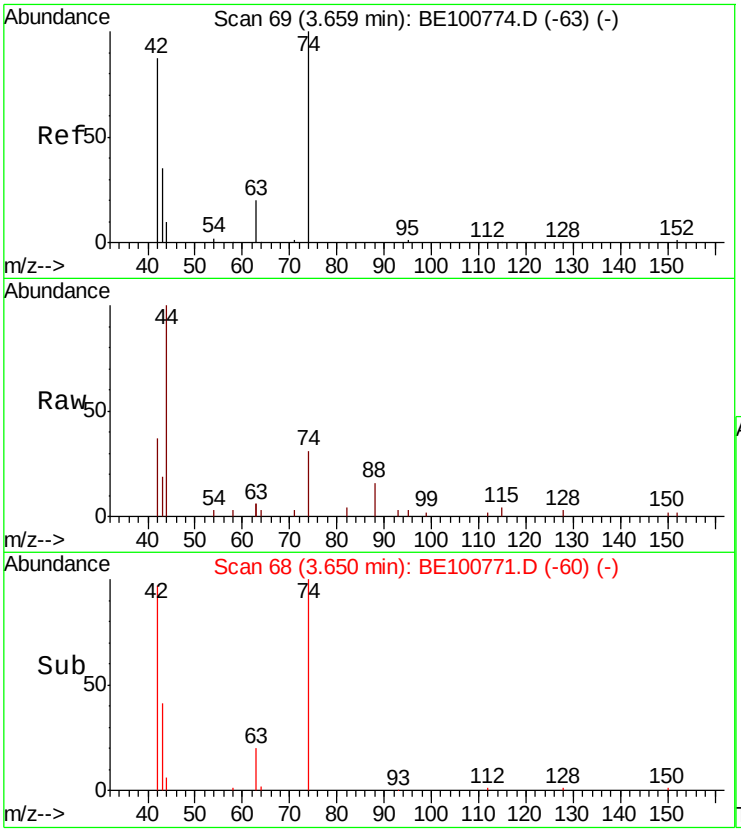


#2
1,4-Dioxane
Concen: 0.419 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion: 88 Resp: 3954

Ion	Ratio	Lower	Upper
88	100		
58	66.1	52.5	78.7
43	27.8	23.0	34.6

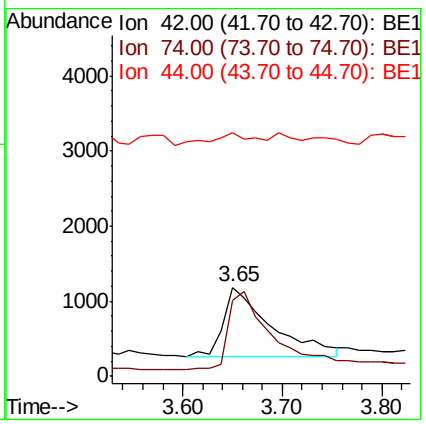




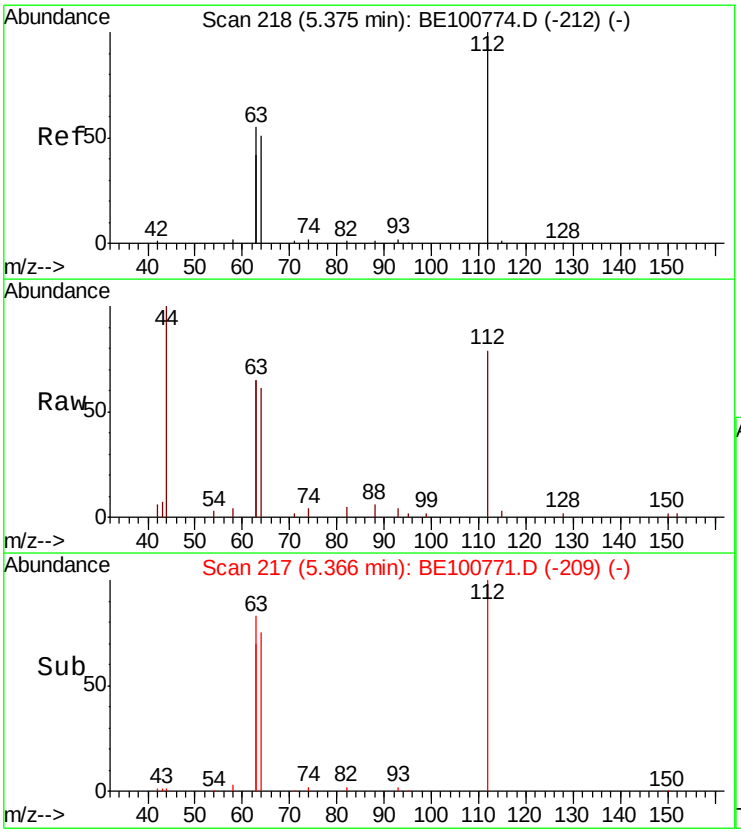
#3
n-Nitrosodimethylamine
Concen: 0.434 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion: 42 Resp: 3017

Ion	Ratio	Lower	Upper
42	100		
74	104.6	86.3	129.5
44	5.1	11.6	17.4#



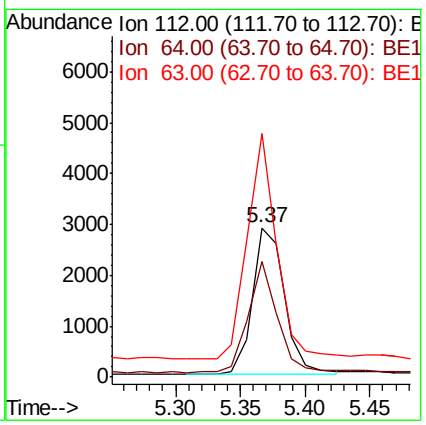
Instrument :
BNA_E
ClientSampleId :

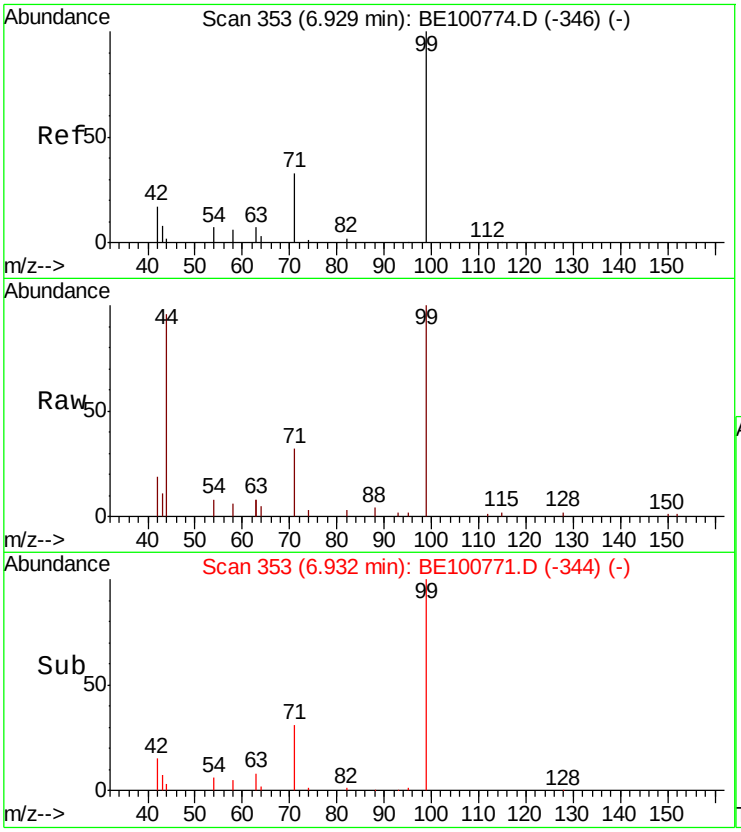


#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:112 Resp: 4968

Ion	Ratio	Lower	Upper
112	100		
64	68.3	54.1	81.1
63	141.5	113.2	169.8



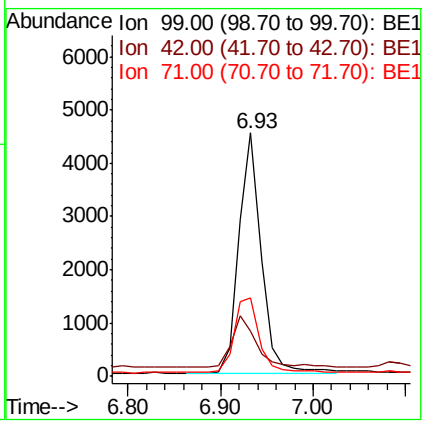


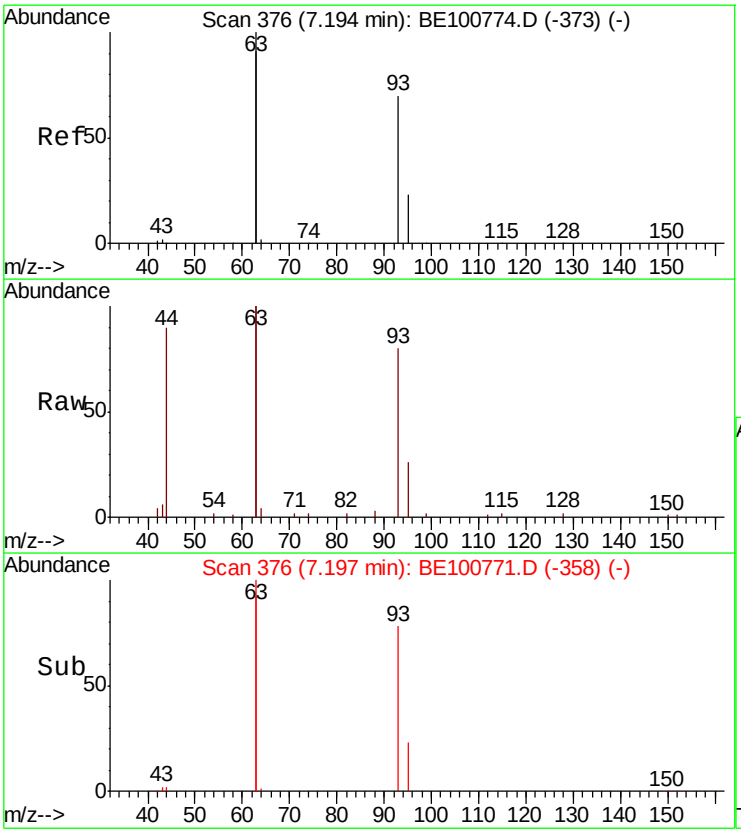
#5
Phenol-d6
Concen: 0.385 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7595

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.1	28.7
71	35.3	27.7	41.5

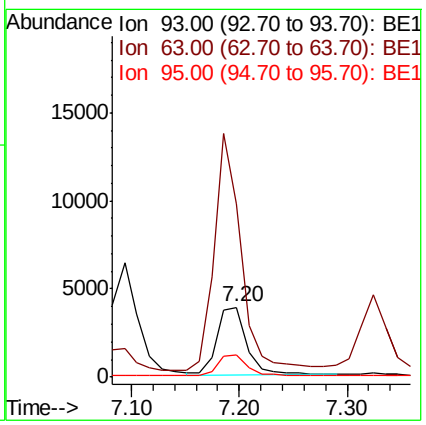


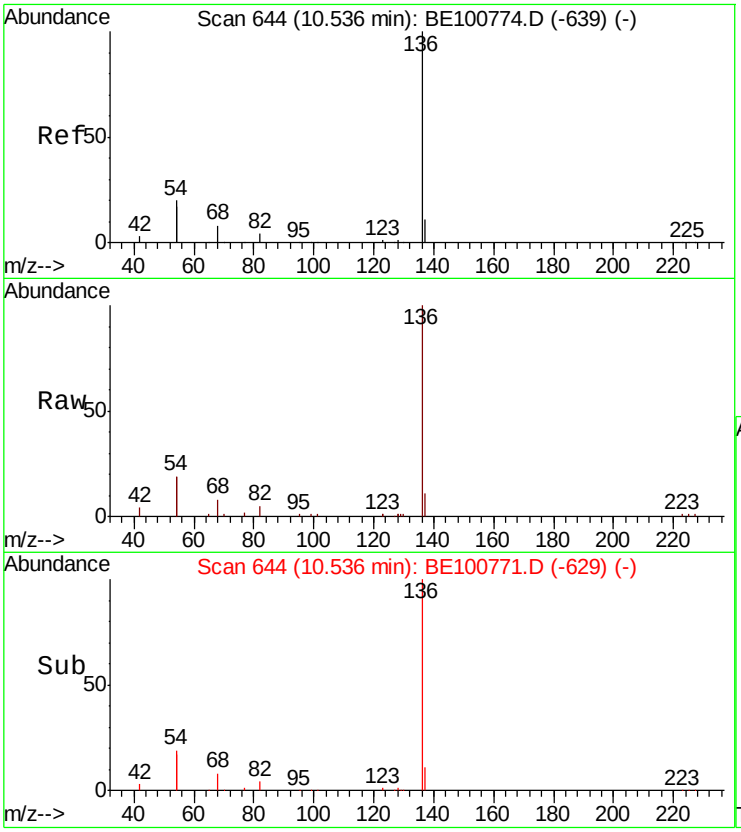


#6
bis(2-Chloroethyl)ether
Concen: 0.447 ng
RT: 7.20 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion: 93 Resp: 7362

Ion	Ratio	Lower	Upper
93	100		
63	311.5	259.4	389.0
95	31.6	26.2	39.2



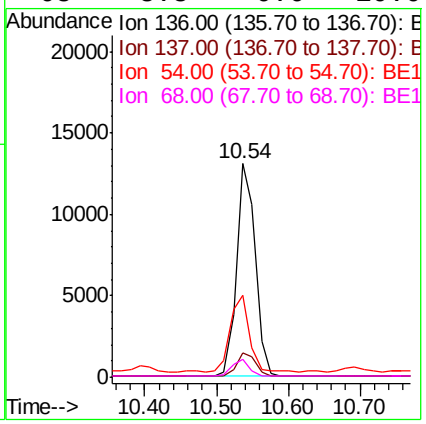


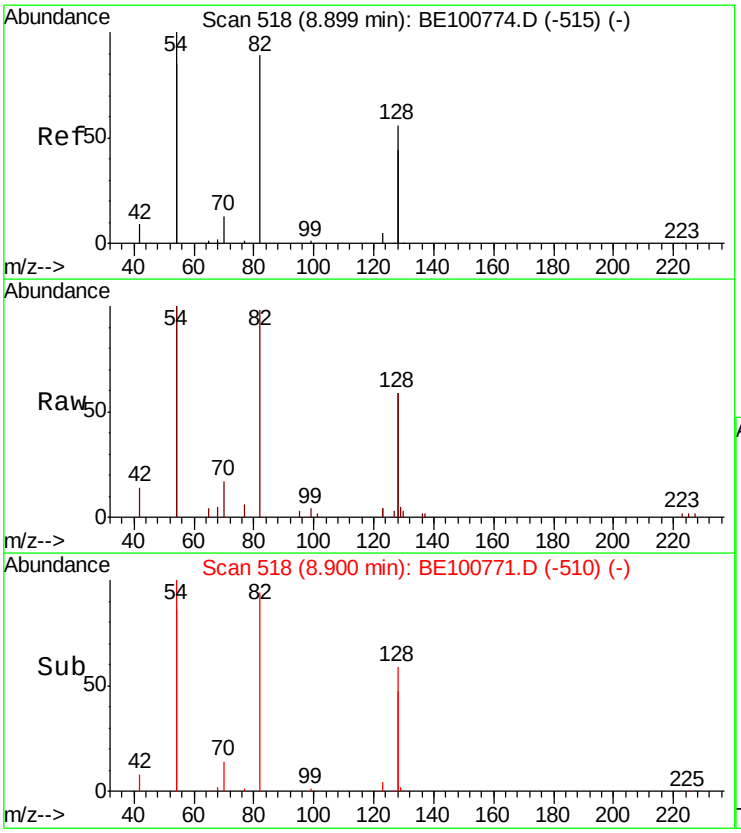
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 23505

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	38.4	31.1	46.7
68	8.3	6.6	10.0

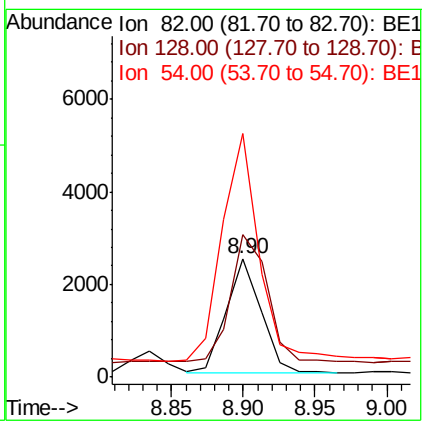


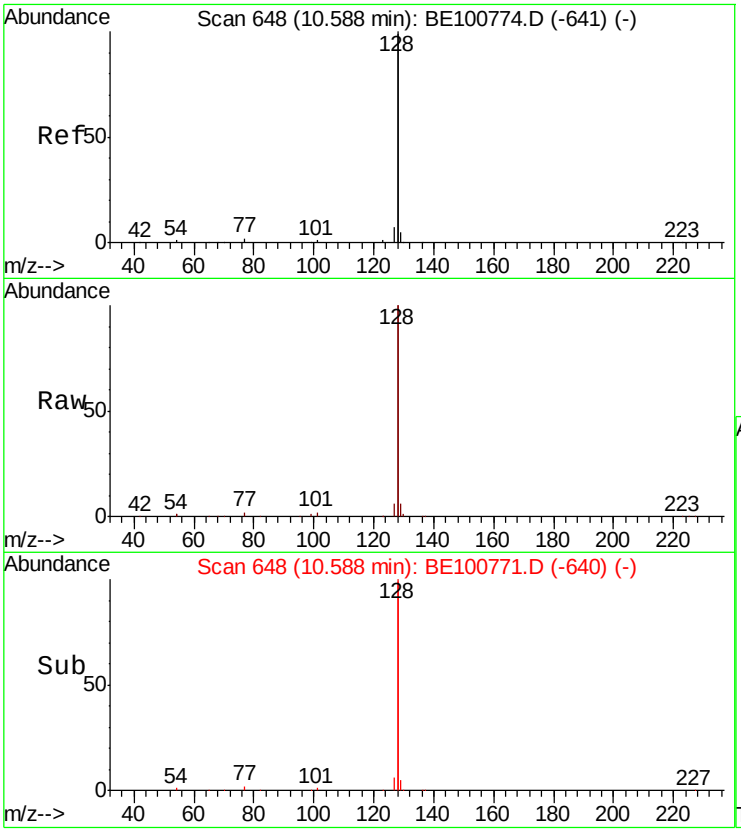


#8
Nitrobenzene-d5
Concen: 0.545 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion: 82 Resp: 4106

Ion	Ratio	Lower	Upper
82	100		
128	120.5	97.0	145.4
54	205.0	171.8	257.6



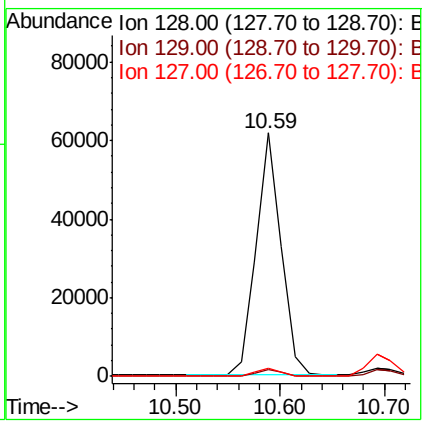


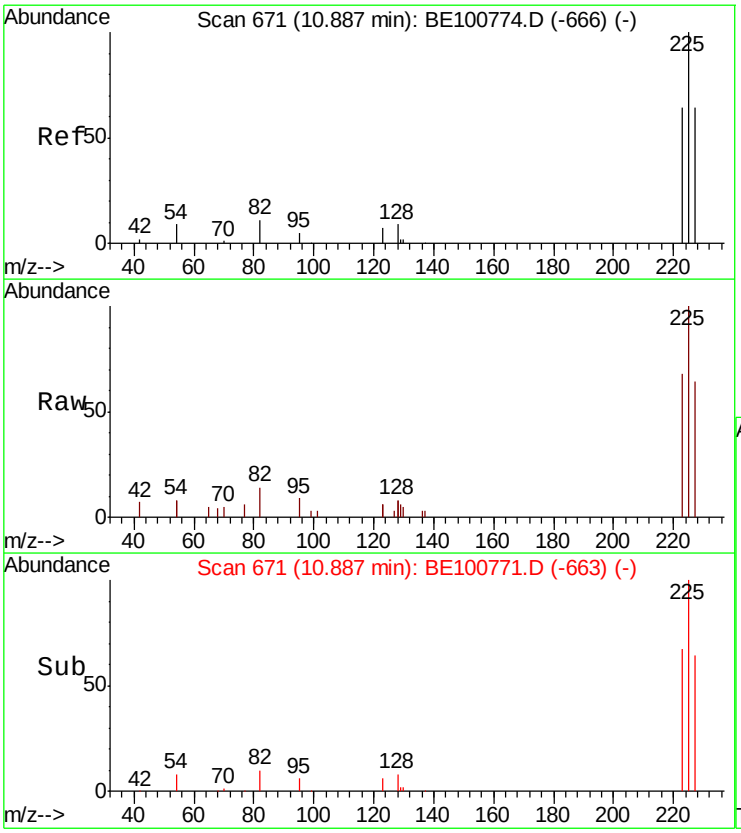
#9
Naphthalene
Concen: 0.413 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 103102

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.2	2.7	4.1

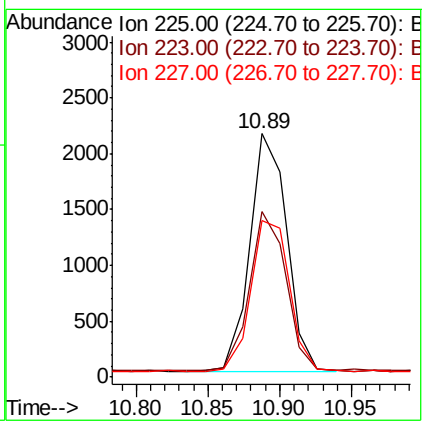


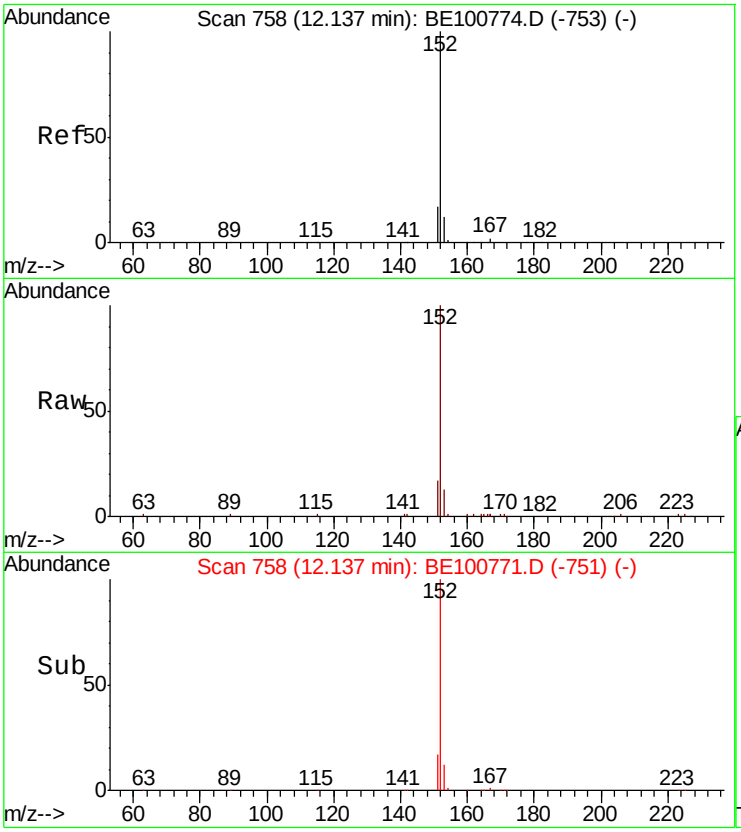


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.89 min Scan# 671
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:225 Resp: 3806

Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.9	74.9
227	66.9	52.2	78.4



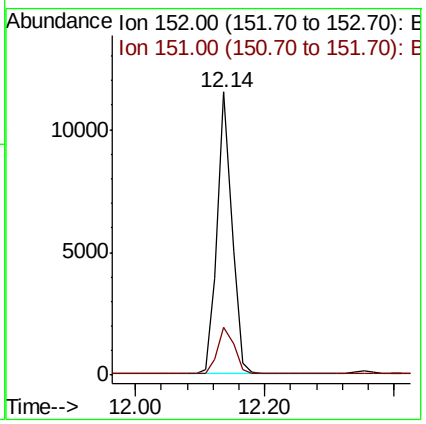


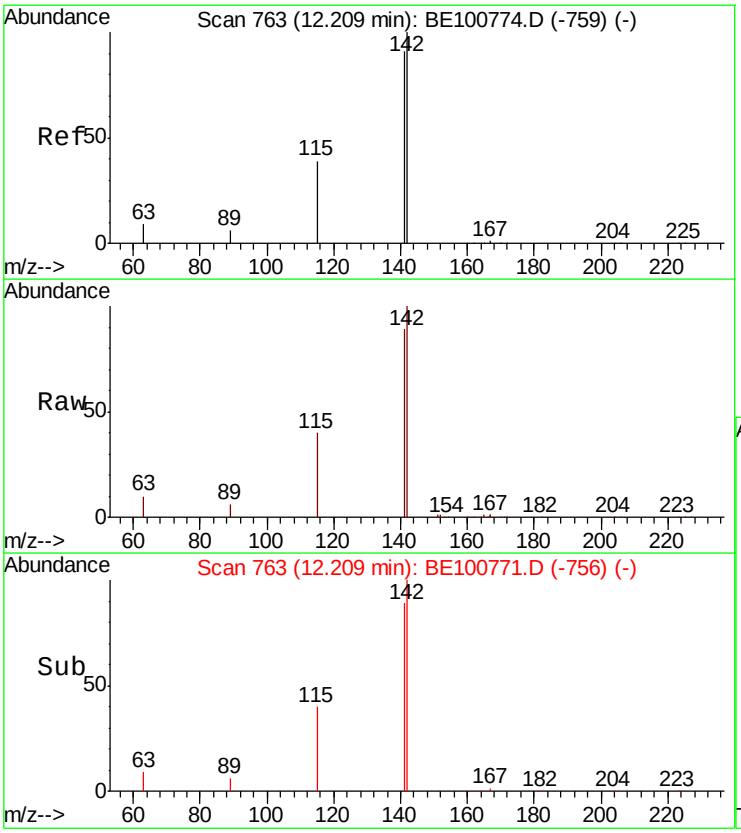
#11
2-Methylnaphthalene-d10
Concen: 0.528 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 18190

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.8	23.8

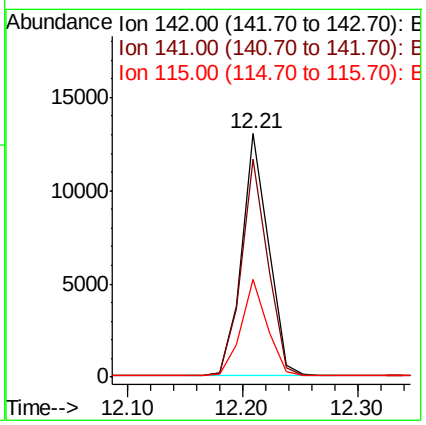


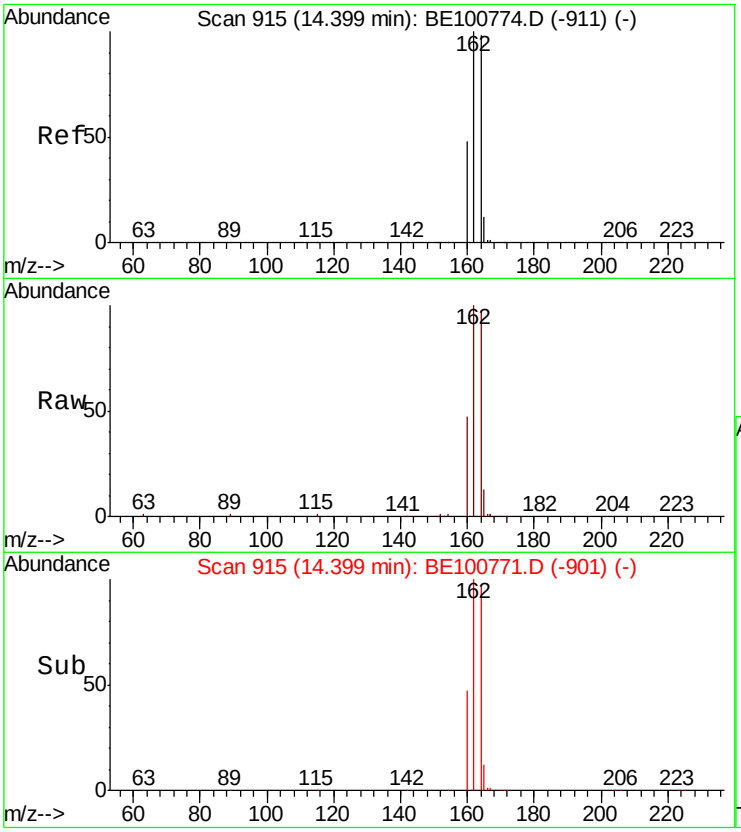


#12
2-Methylnaphthalene
Concen: 0.529 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:142 Resp: 20862

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8
115	40.3	31.8	47.6



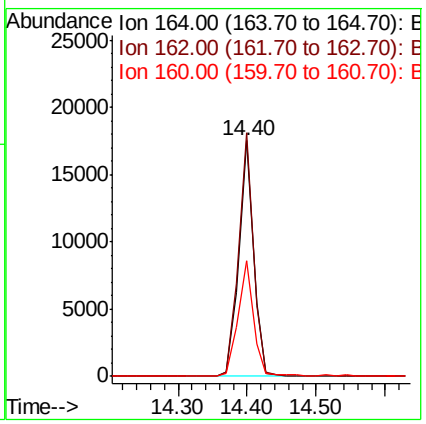


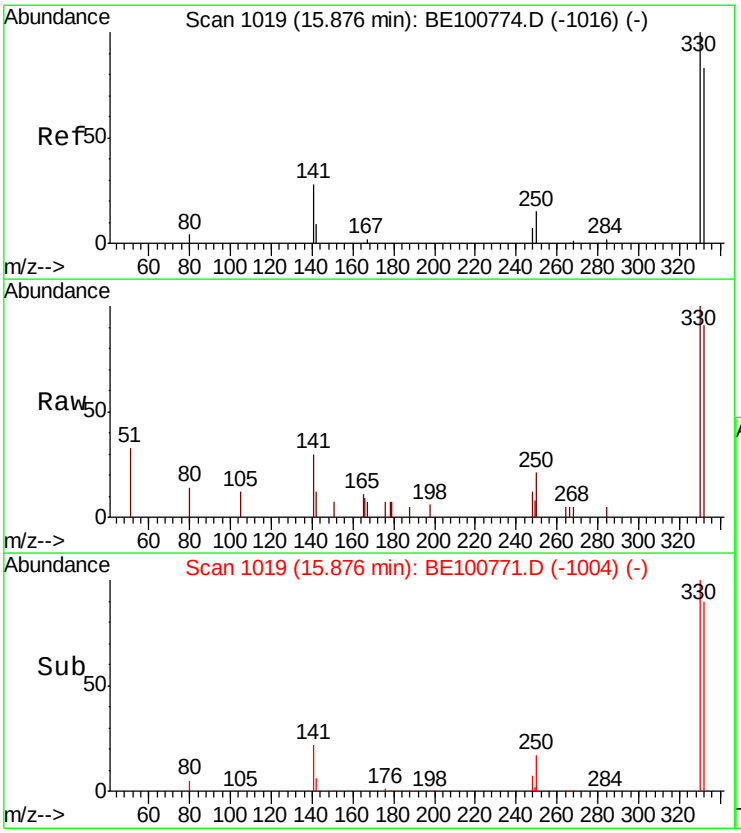
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 25516

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	49.0	39.4	59.0

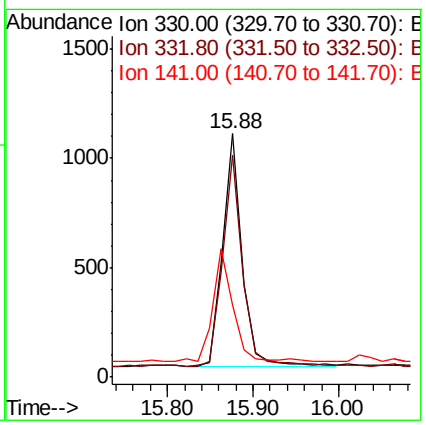


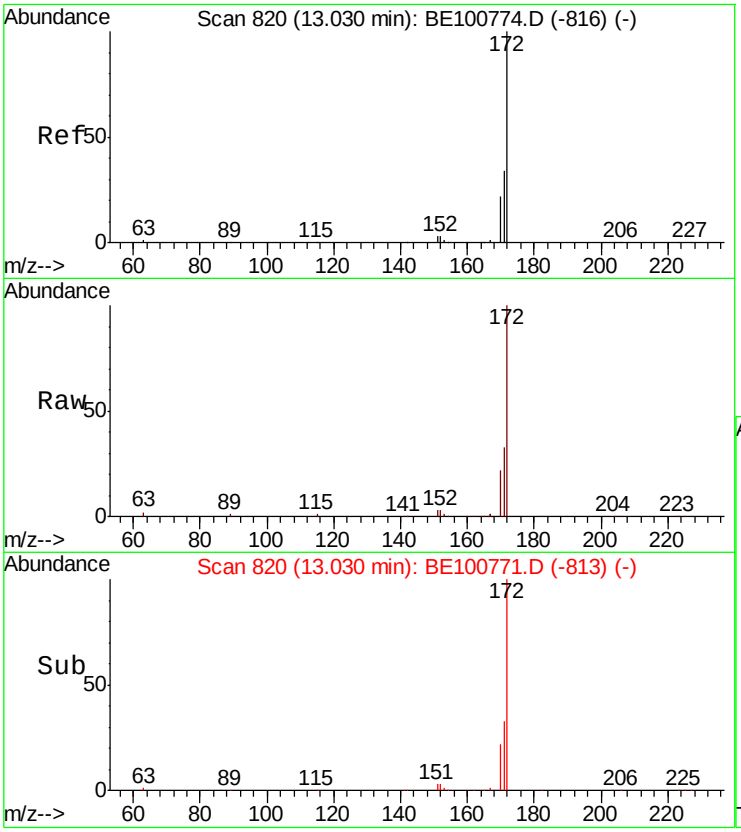


#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:330 Resp: 1657

Ion	Ratio	Lower	Upper
330	100		
332	94.0	69.4	104.2
141	49.7	51.1	76.7#



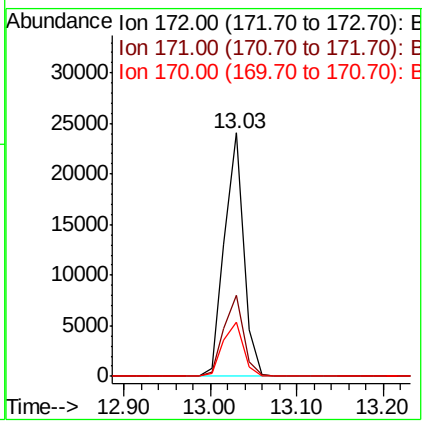


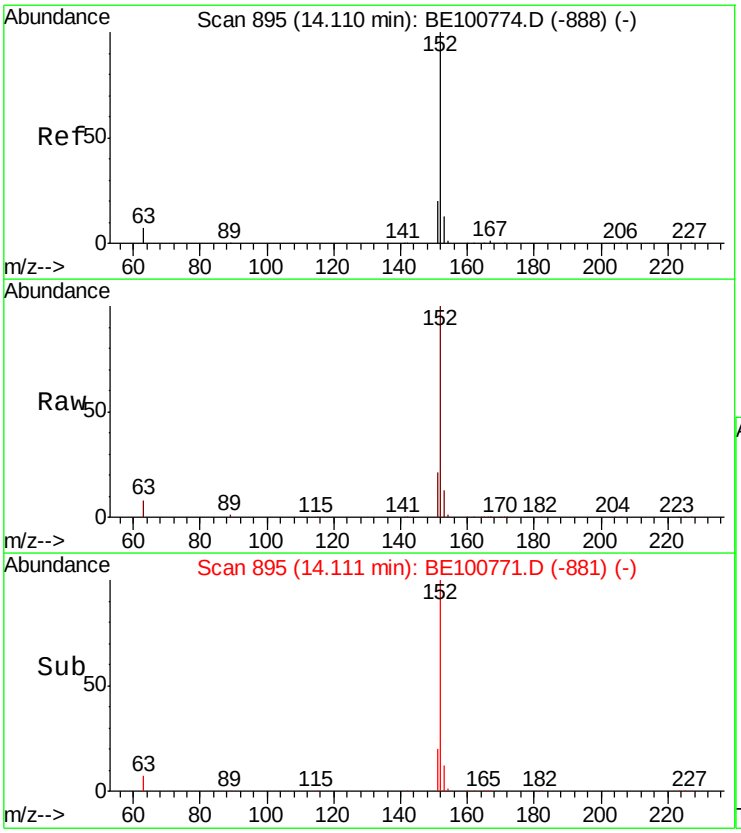
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 36799

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.2	40.8
170	22.3	18.0	27.0

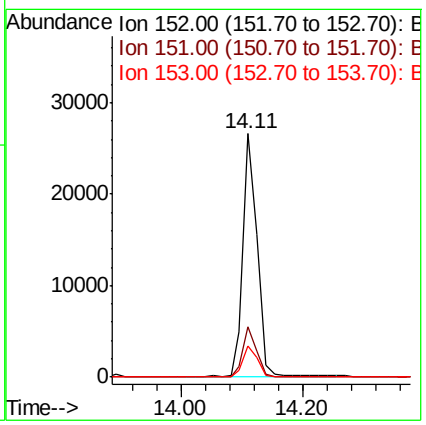


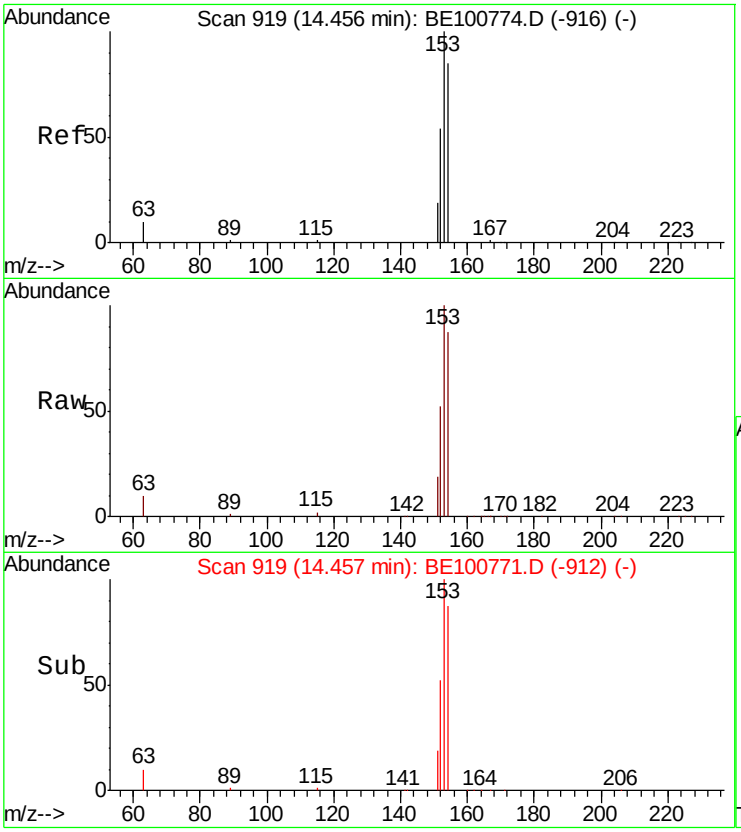


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:152 Resp: 42555

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.9	10.4	15.6



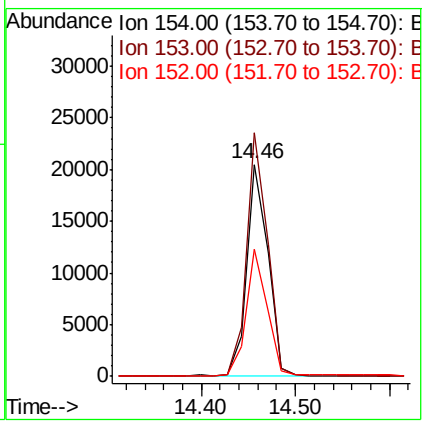


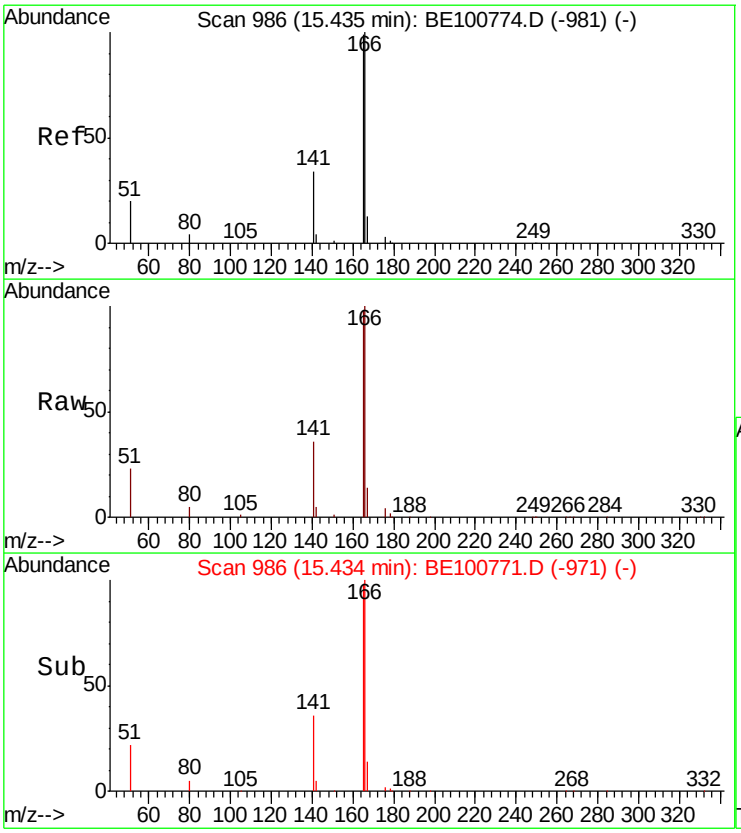
#17
Acenaphthene
Concen: 0.434 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 31968

Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.2	138.2
152	59.3	49.1	73.7

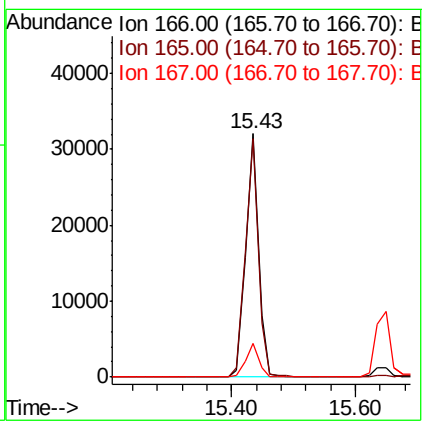


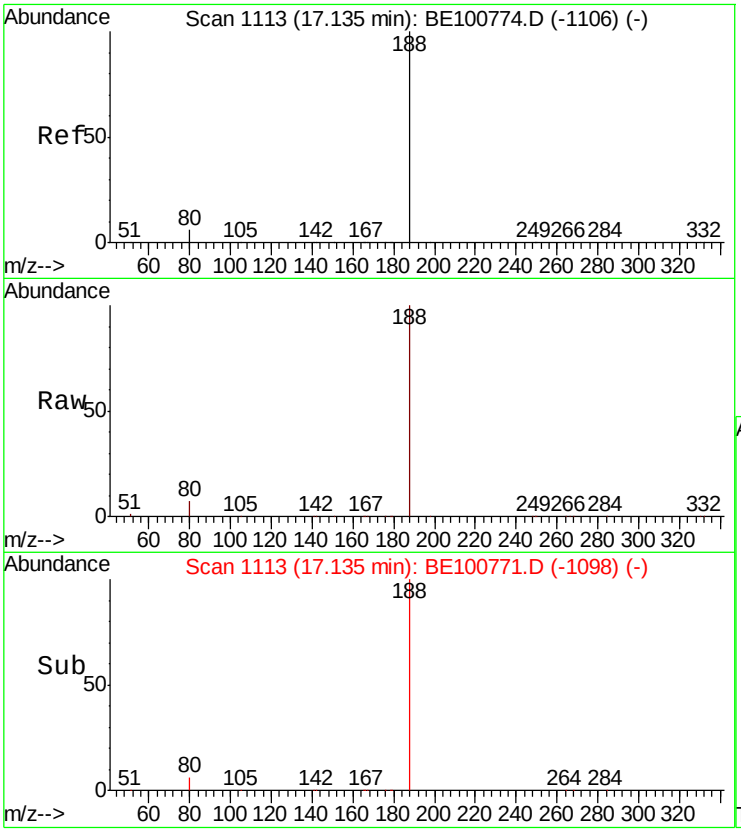


#18
Fluorene
Concen: 0.491 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:166 Resp: 46237

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.5	120.7
167	13.6	10.7	16.1



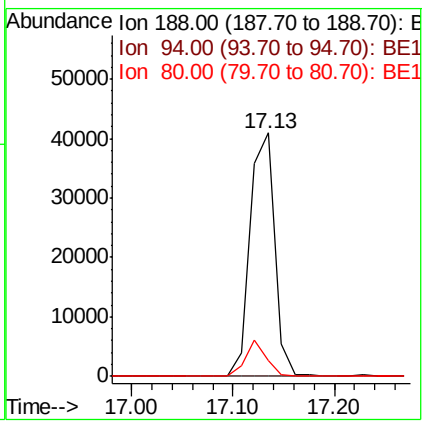


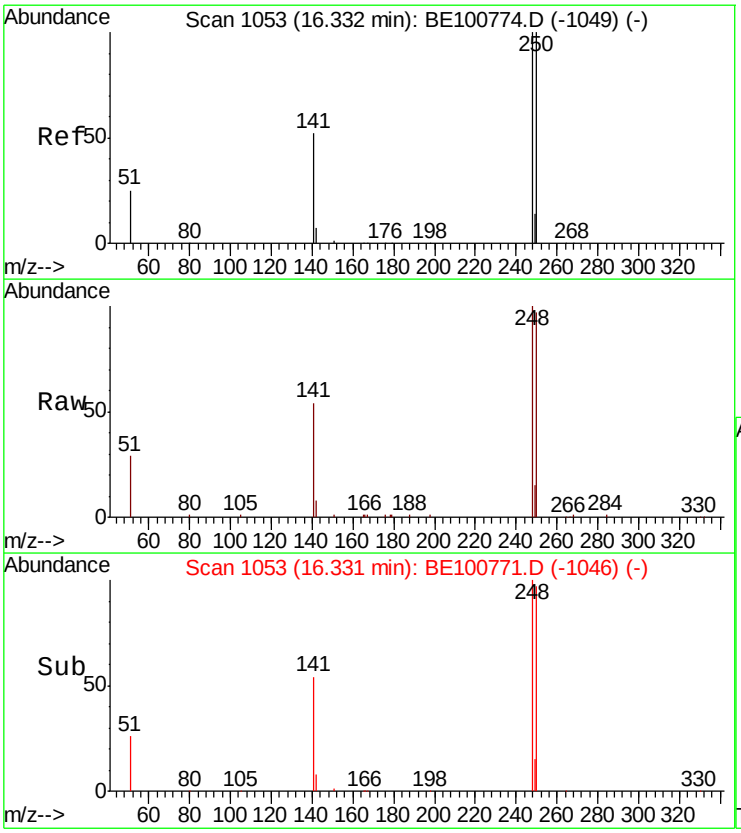
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 69547

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	5.2	7.8

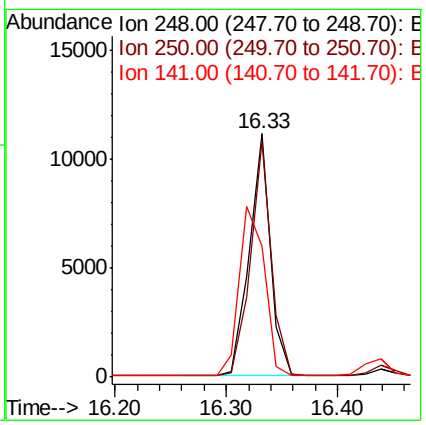


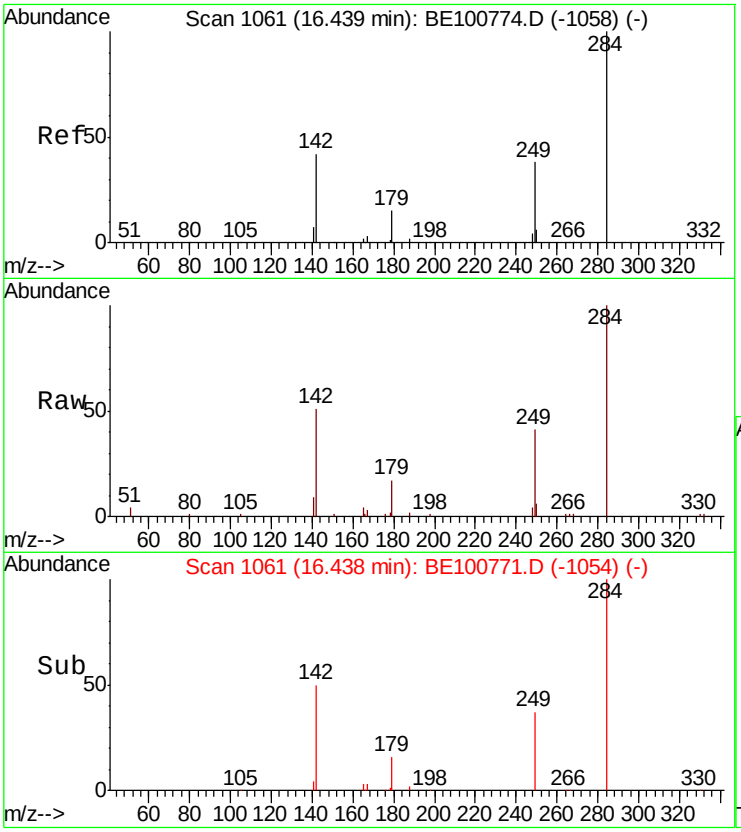


#20
4-Bromophenyl-phenylether
Concen: 0.426 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:248 Resp: 14582

Ion	Ratio	Lower	Upper
248	100		
250	97.0	80.5	120.7
141	54.0	42.6	64.0



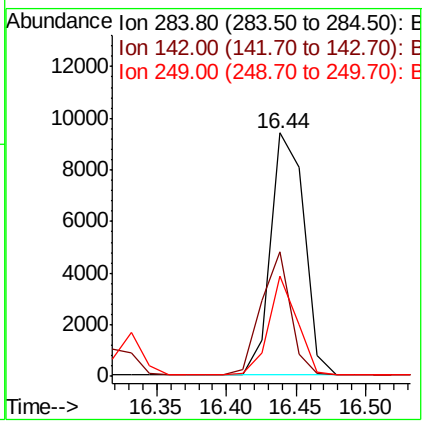


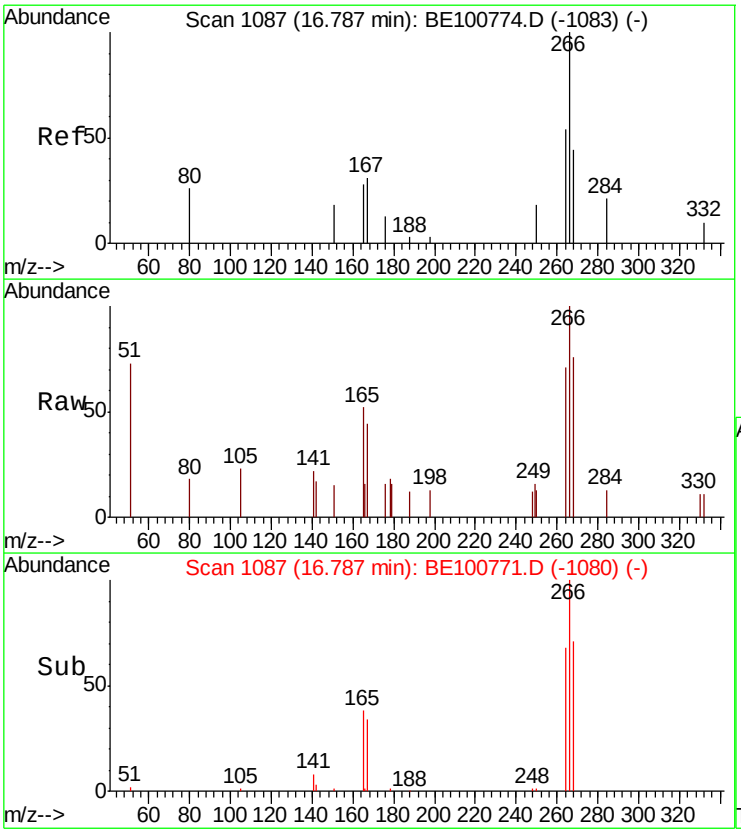
#21
Hexachlorobenzene
Concen: 0.439 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 15685

Ion	Ratio	Lower	Upper
284	100		
142	44.4	34.4	51.6
249	34.7	28.5	42.7

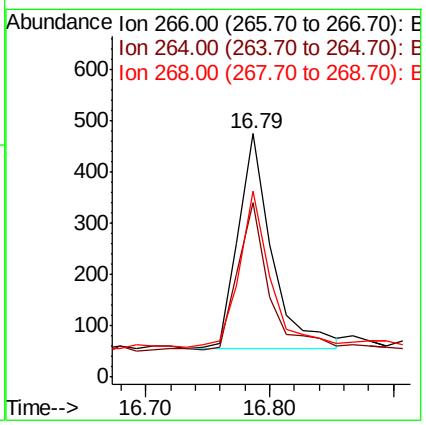


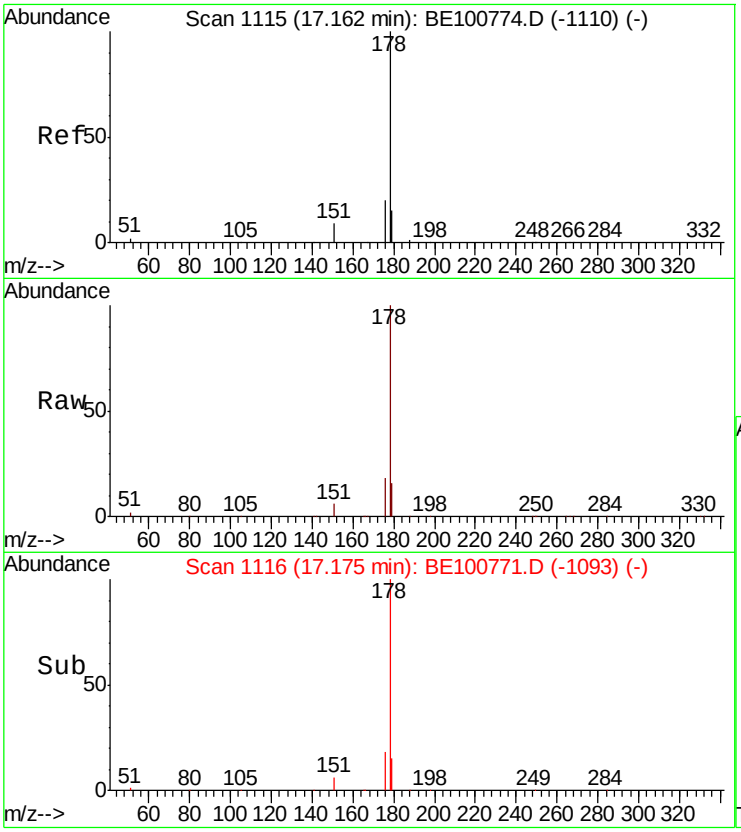


#22
Pentachlorophenol
Concen: 0.123 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:266 Resp: 797

Ion	Ratio	Lower	Upper
266	100		
264	71.4	63.4	95.0
268	76.5	65.8	98.8



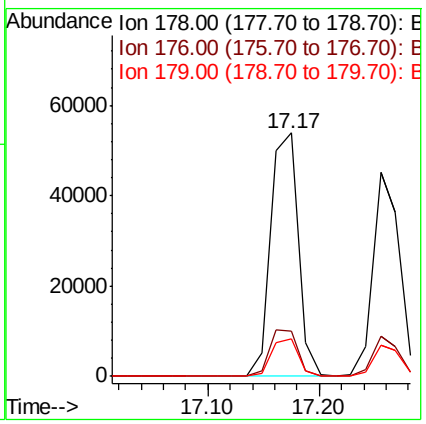


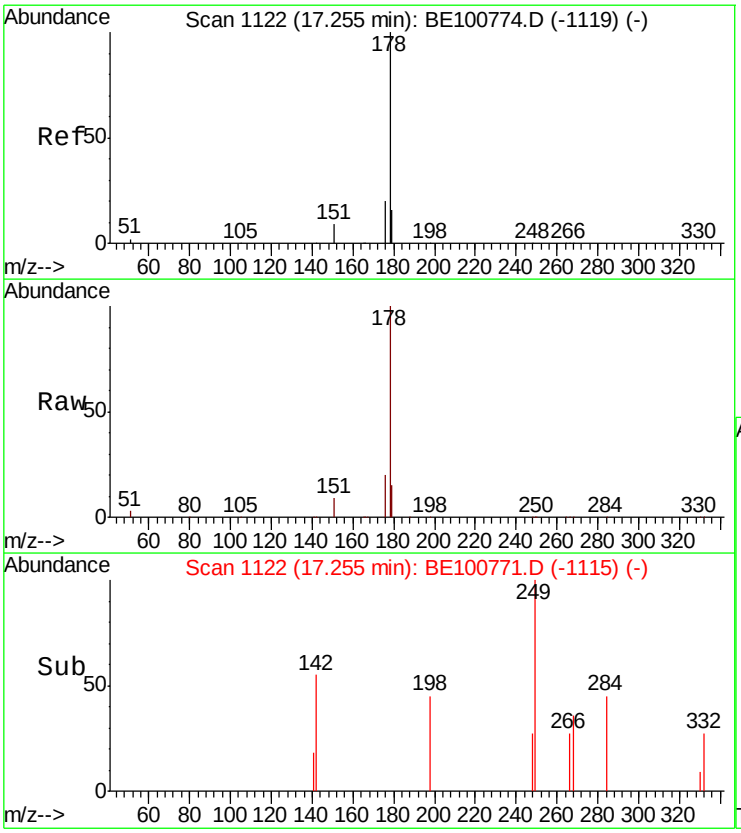
#23
Phenanthrene
Concen: 0.449 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 94065

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.2	12.3	18.5

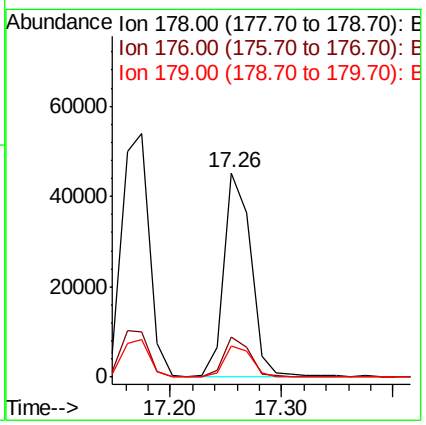


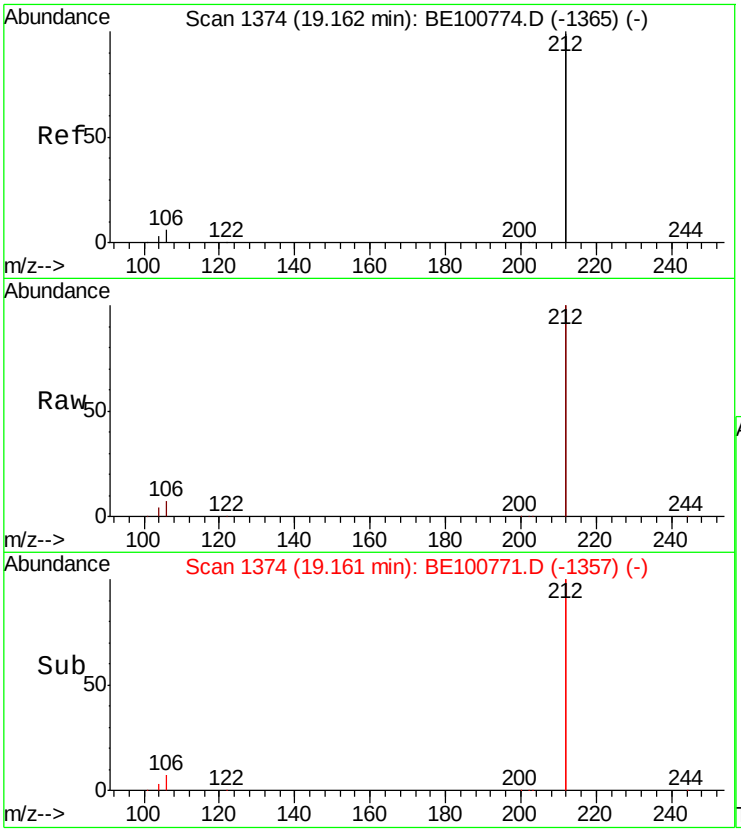


#24
Anthracene
Concen: 0.415 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:178 Resp: 74980

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.3	12.7	19.1



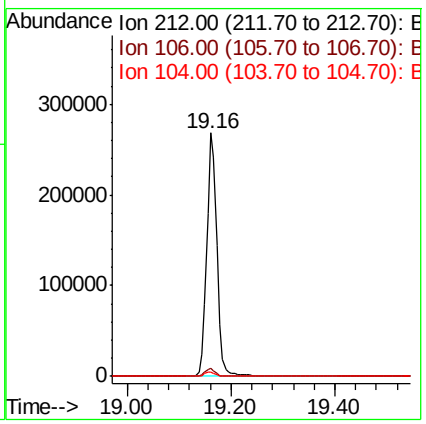


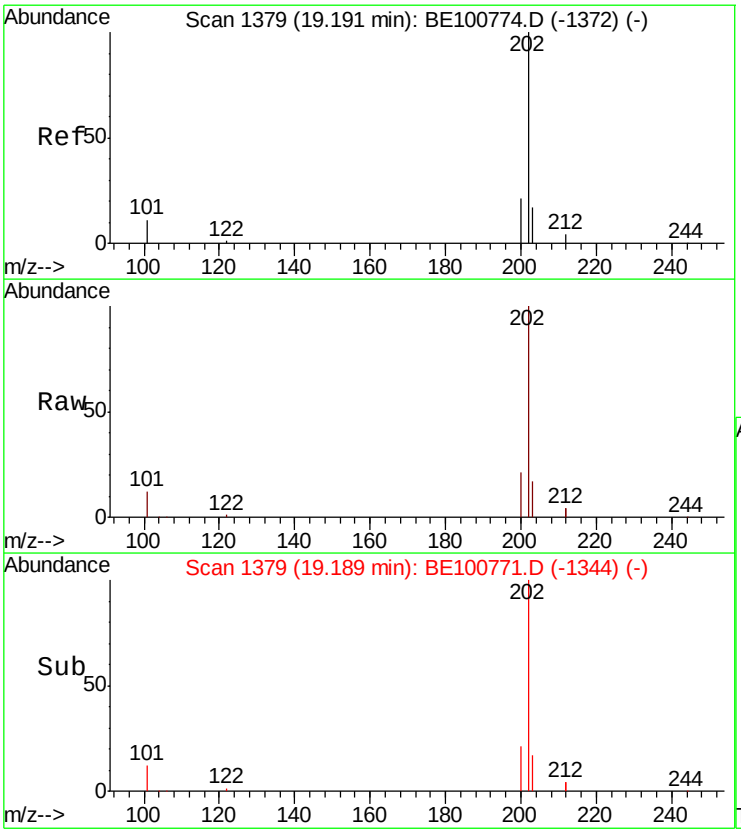
#25
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 361801

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

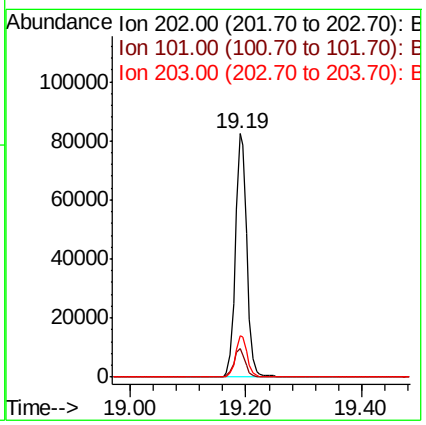


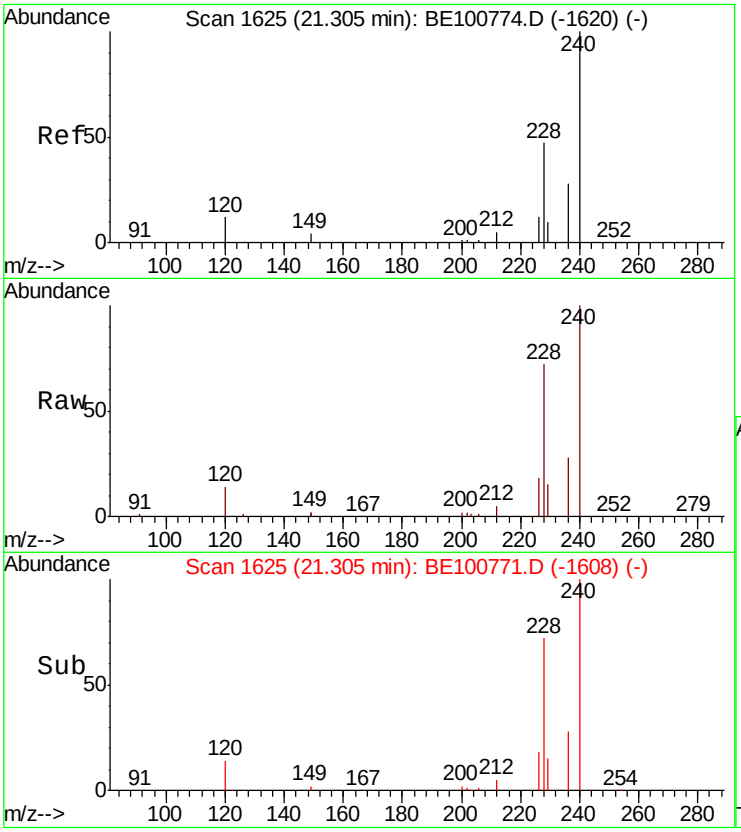


#26
Fluoranthene
Concen: 0.449 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:202 Resp: 115031

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
203	17.2	13.8	20.6



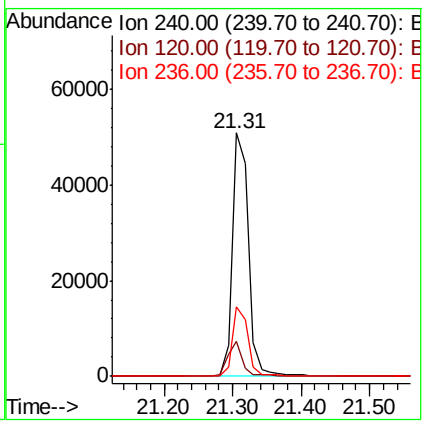


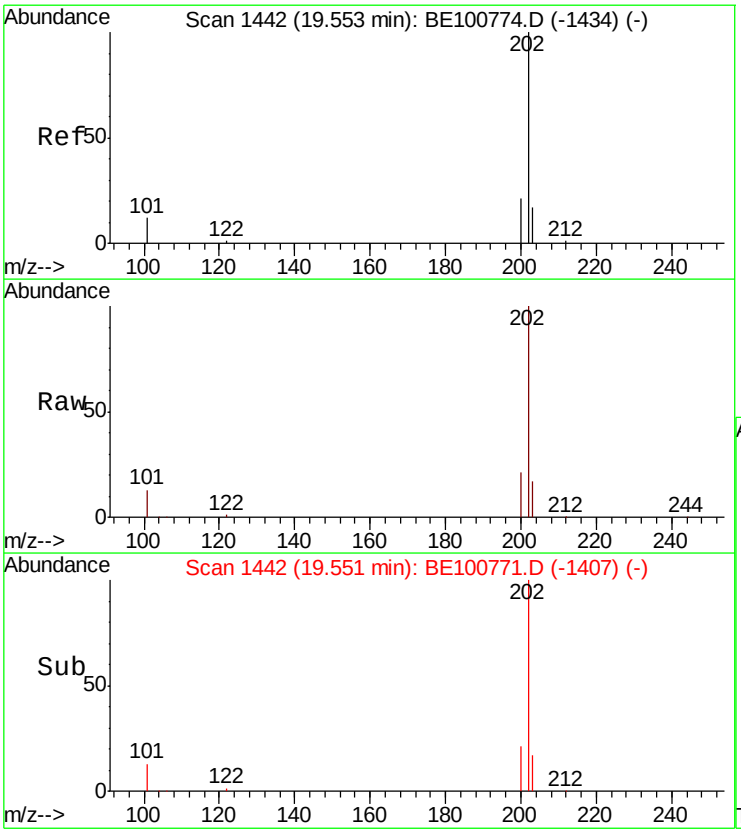
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 81918

Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.2	15.2
236	28.5	22.3	33.5

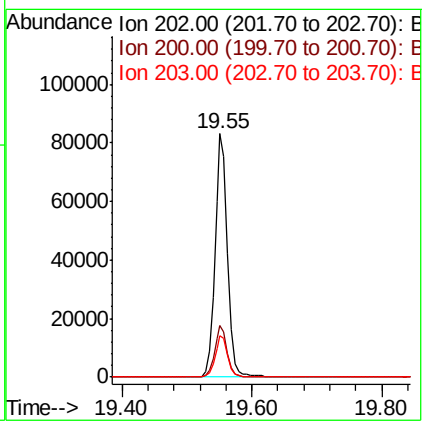


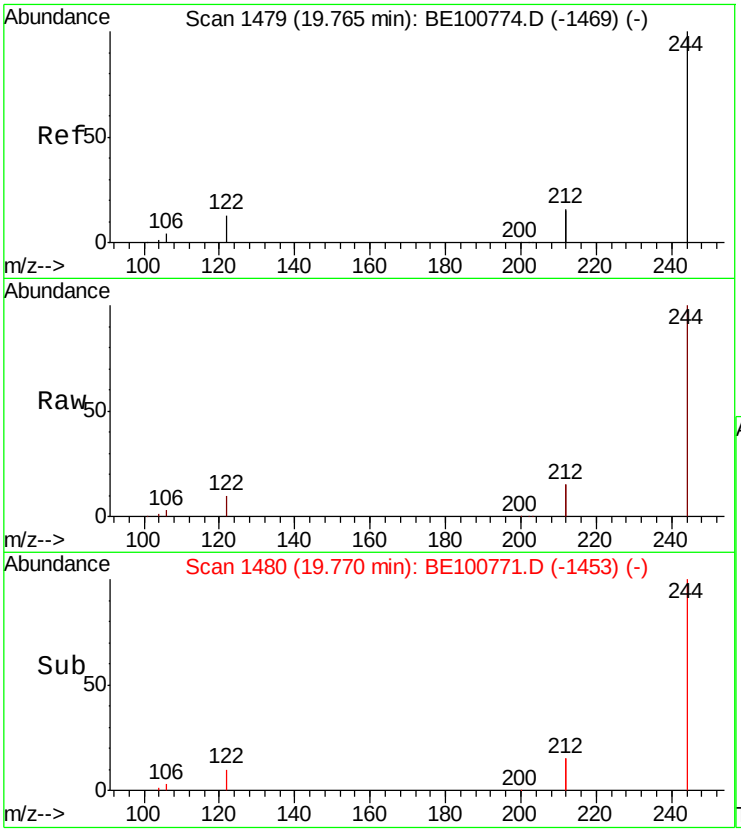


#28
Pyrene
Concen: 0.444 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:202 Resp: 112544

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.3	13.9	20.9



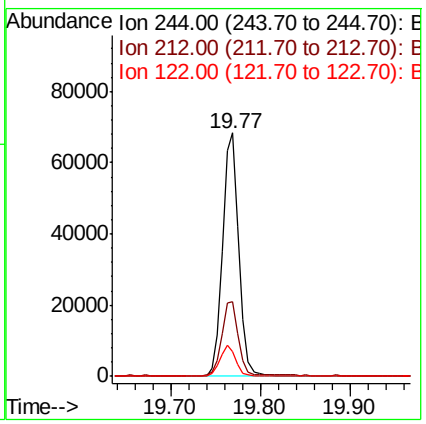


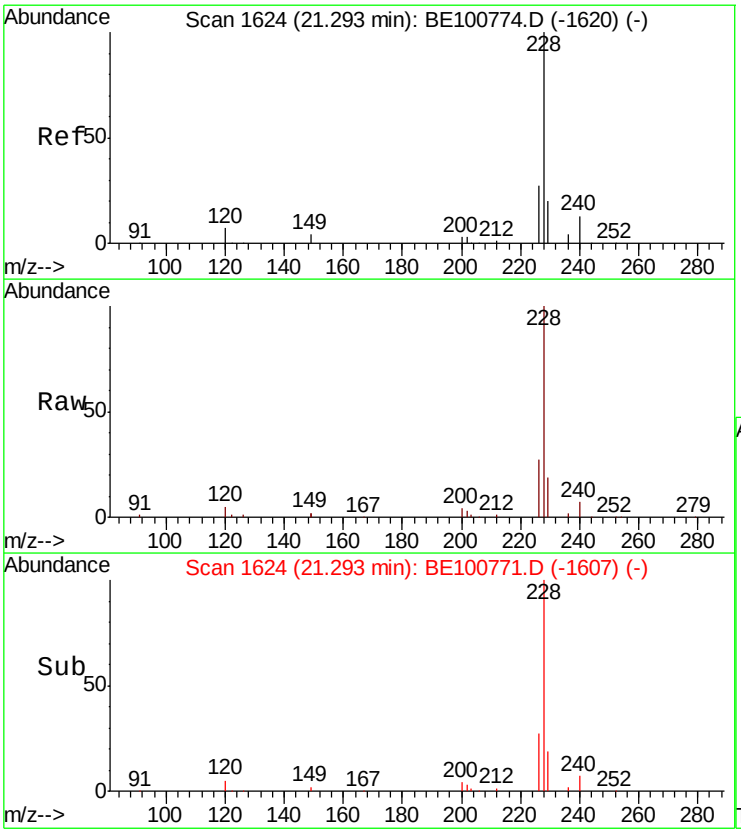
#29
Terphenyl-d14
Concen: 0.451 ng
RT: 19.77 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 85045

Ion	Ratio	Lower	Upper
244	100		
212	30.5	26.2	39.4
122	10.1	10.2	15.4#

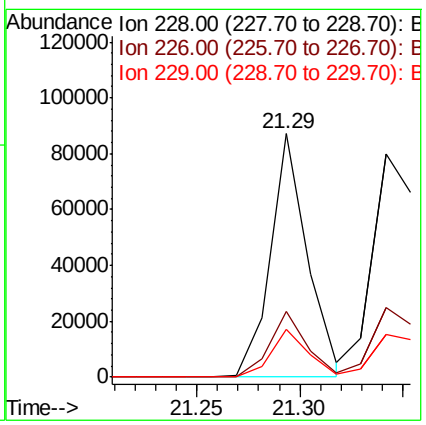


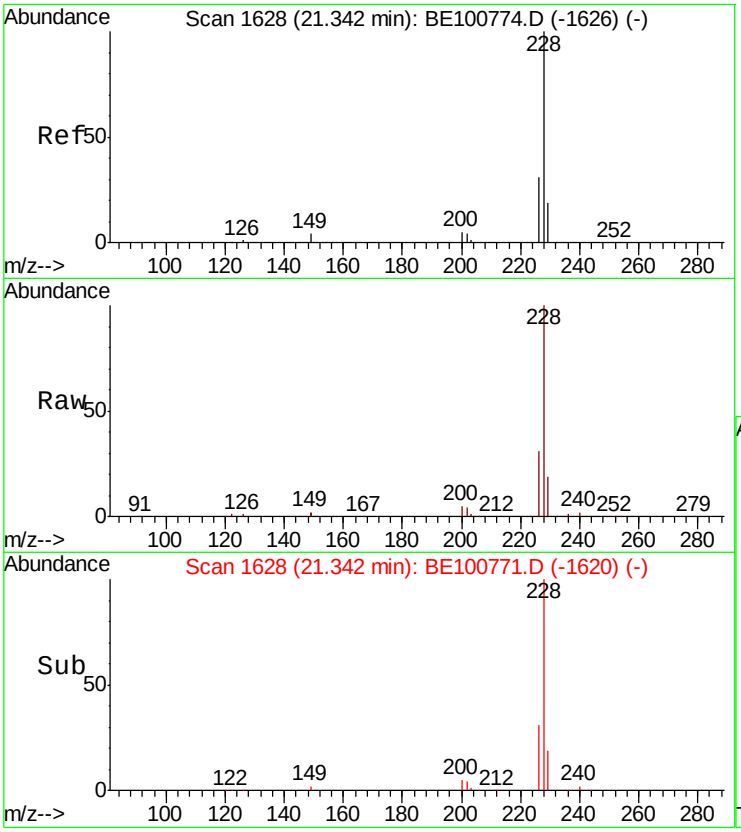


#30
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:228 Resp: 109328

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.5	32.3
229	19.4	16.0	24.0



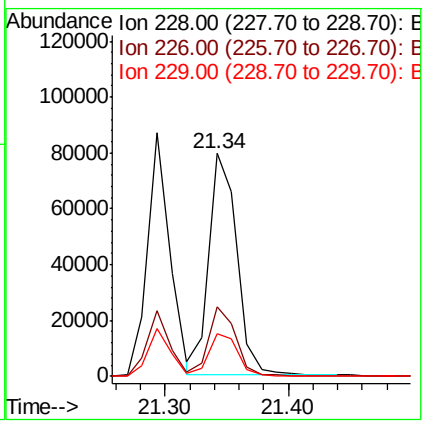


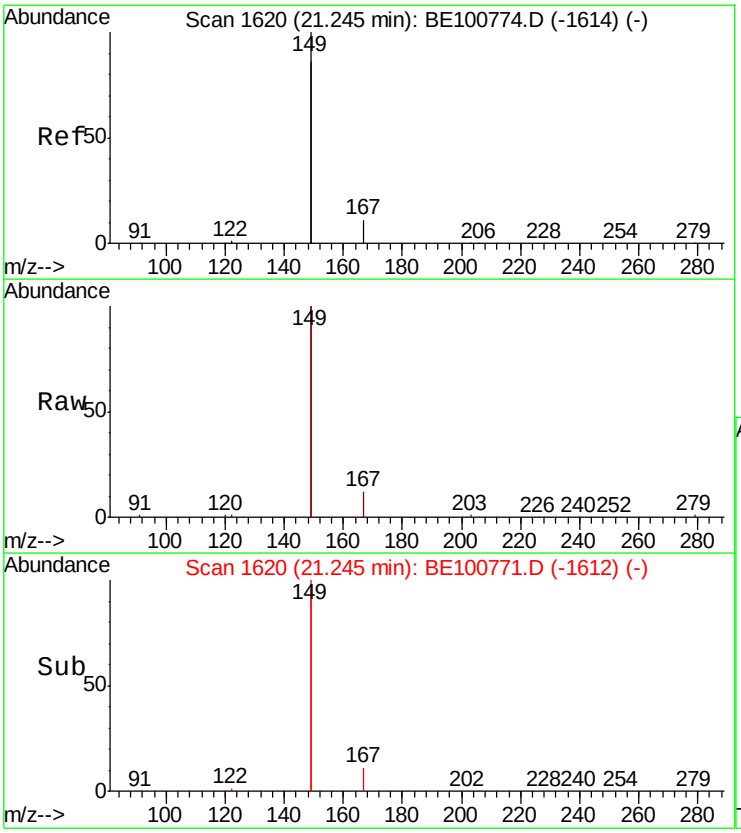
#31
Chrysene
Concen: 0.448 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 125854

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	19.0	15.4	23.2

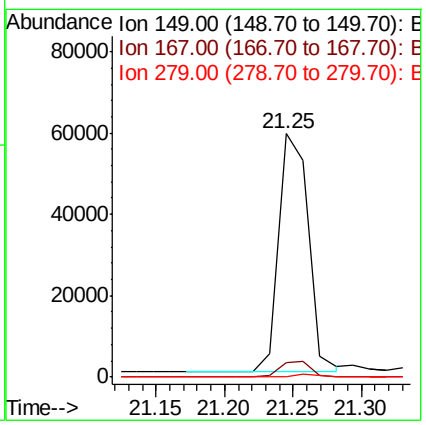


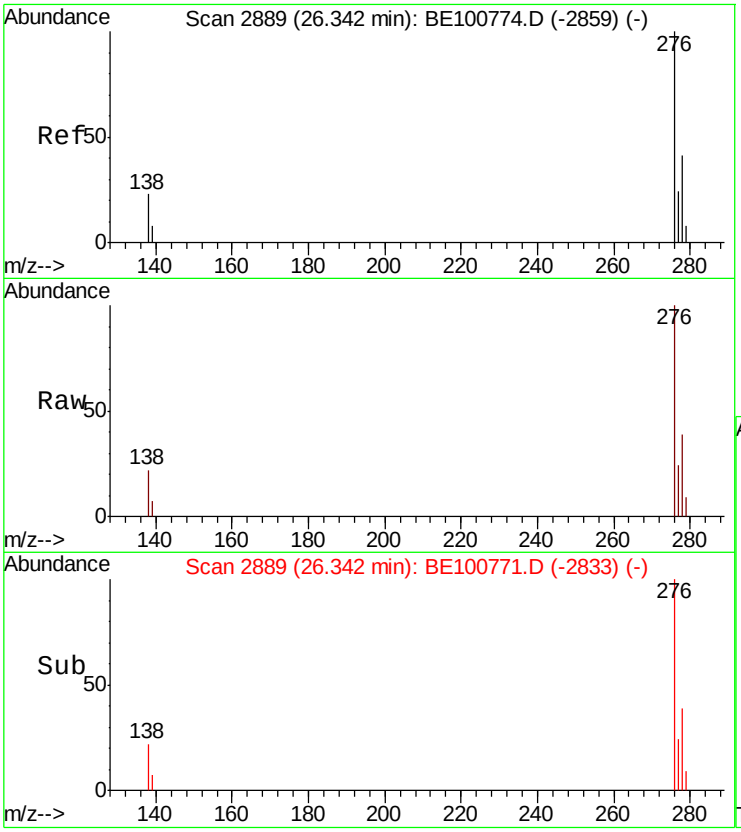


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.176 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:149 Resp: 87576

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



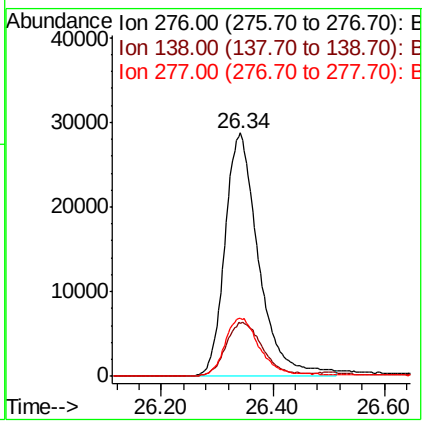


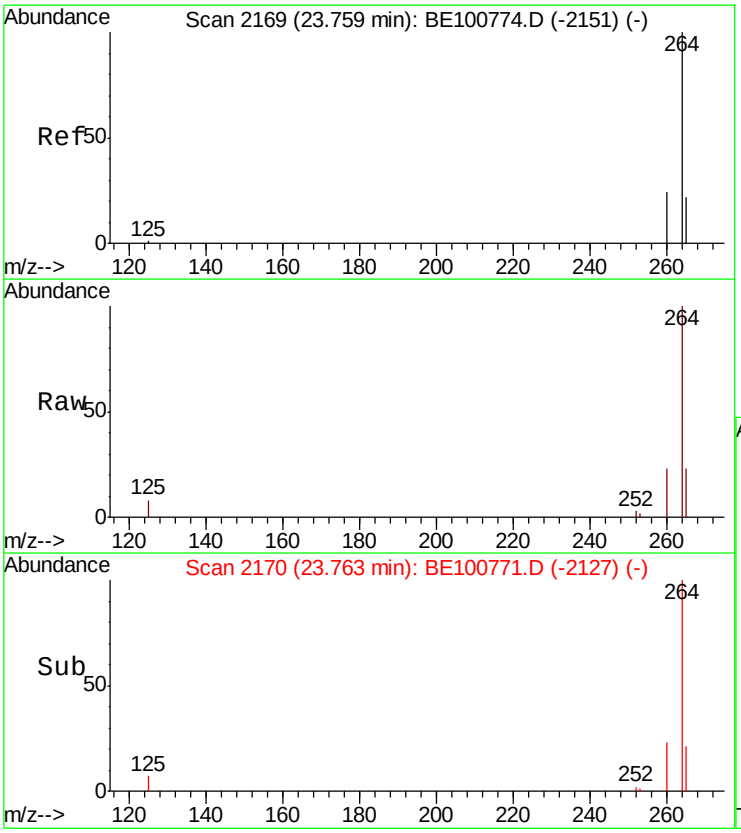
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 26.34 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 119832

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.4	29.0
277	24.1	19.8	29.6

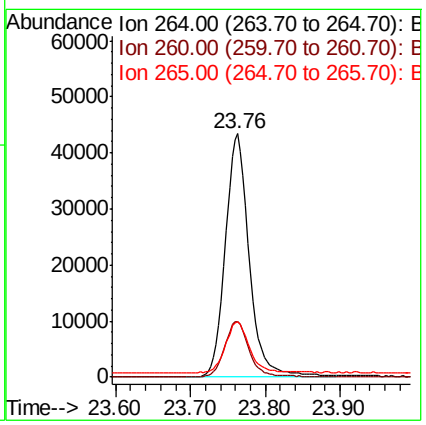


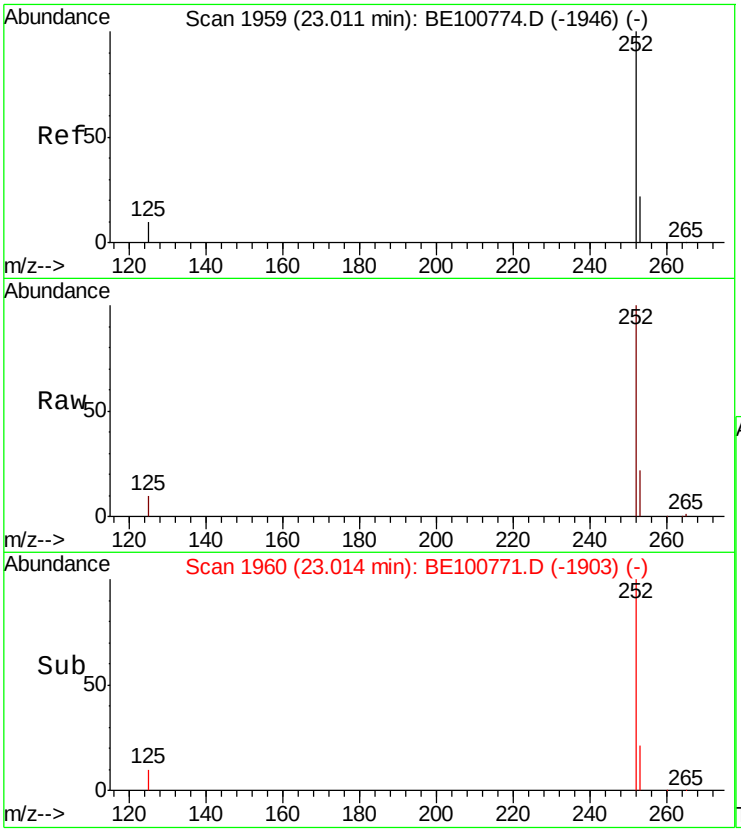


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:264 Resp: 95853

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	22.8	21.8	32.8



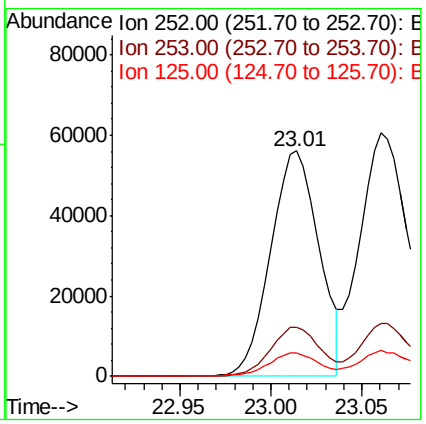


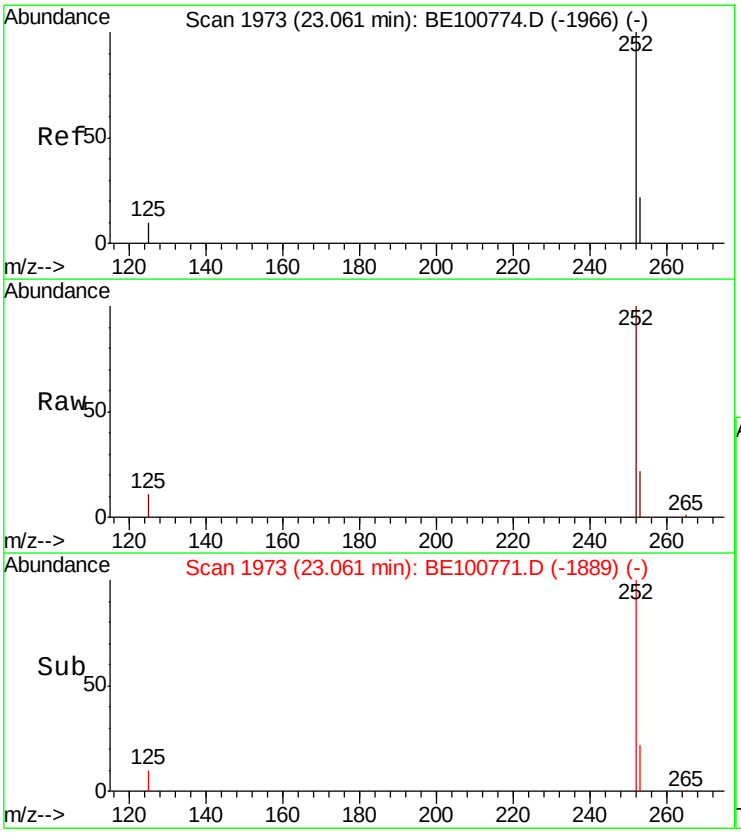
#35
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 23.01 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 102740

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.2	9.0	13.4

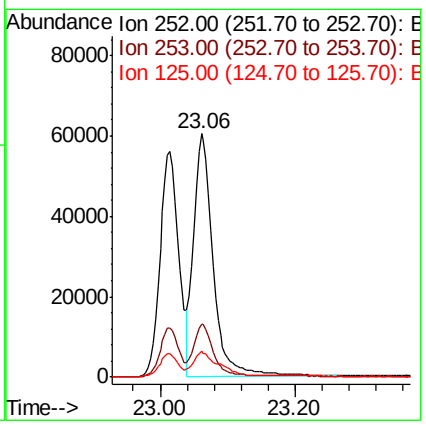


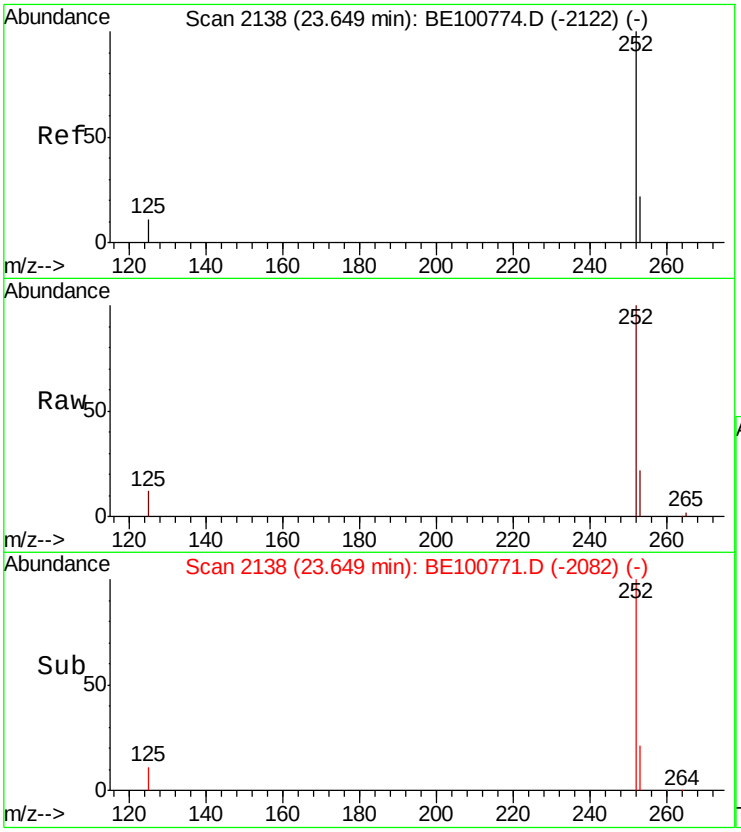


#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.06 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:252 Resp: 121388

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.6	8.7	13.1



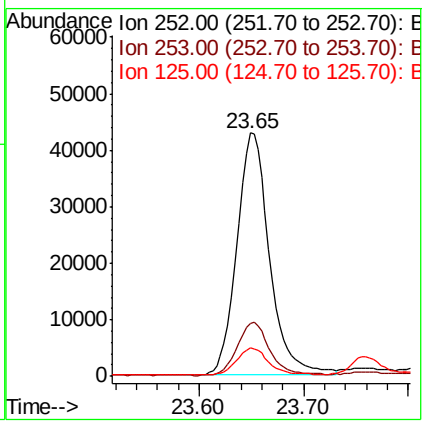


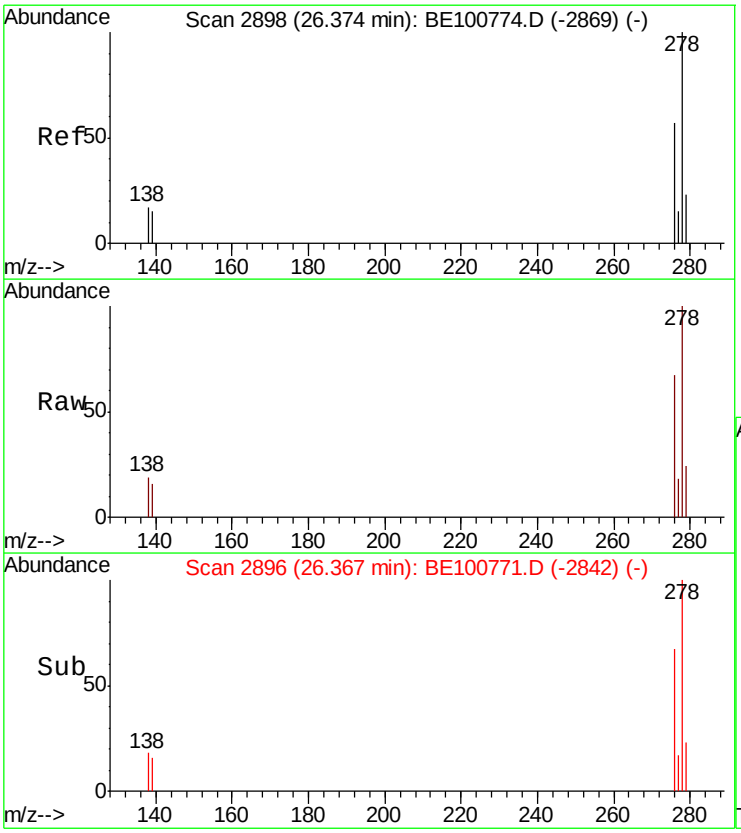
#37
Benzo(a)pyrene
Concen: 0.352 ng
RT: 23.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 93287

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.6	10.4	15.6

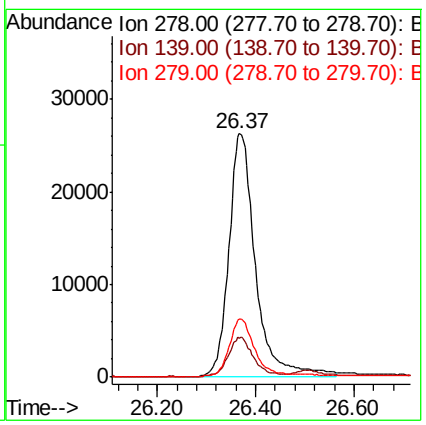


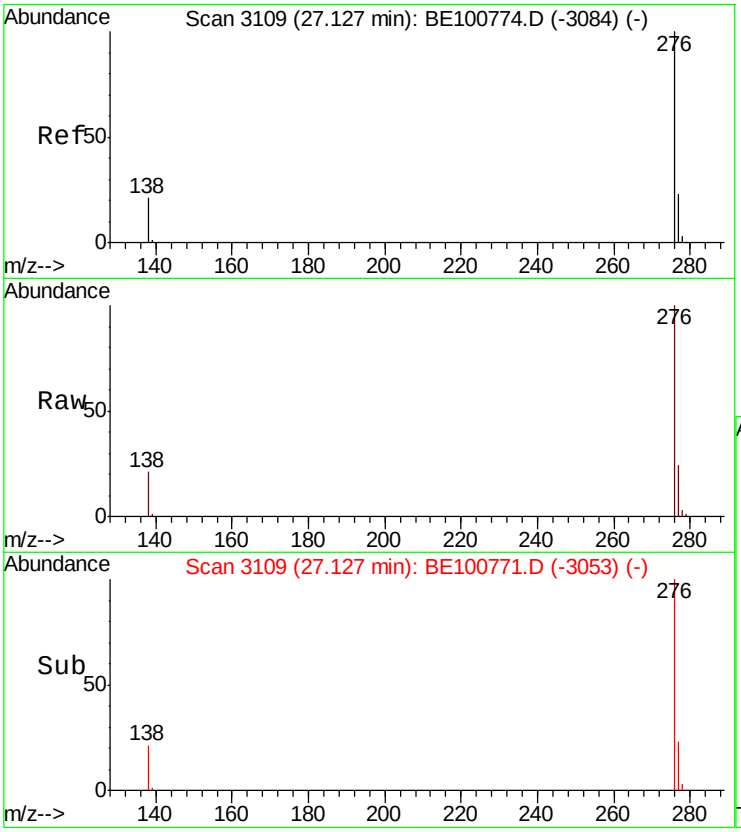


#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 26.37 min Scan# 2896
Delta R.T. -0.01 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Tgt Ion:278 Resp: 98576

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.4
279	23.8	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.353 ng
RT: 27.13 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE100771.D
Acq: 4 Dec 2019 11:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 102721

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	21.1	17.8	26.6