Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100781.D
Acq On : 5 Dec 2019 10:14
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 05 12:50:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5240	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	24438	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	13174	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	30759	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	31670	0.40	ng		0.00
34) Perylene-d12	23.75	264	33807	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	4977	0.40	ng		0.00
5) Phenol-d6	6.93	99	7459	0.40	ng		0.00
8) Nitrobenzene-d5	8.90	82	4580	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	13363	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	501	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	19599	0.38	ng		0.00
25) Fluoranthene-d10	19.16	212	128711	0.35	ng		0.00
29) Terphenyl-d14	19.76	244	29180	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	3563	0.373	ng		97
3) n-Nitrosodimethylamine	3.66	42	2752	0.354	ng	#	92
6) bis(2-Chloroethyl)ether	7.19	93	7157	0.395	ng		98
9) Naphthalene	10.59	128	99181	0.382	ng		100
10) Hexachlorobutadiene	10.89	225	3801	0.375	ng		100
12) 2-Methylnaphthalene	12.21	142	14921	0.368	ng		97
16) Acenaphthylene	14.11	152	18768	0.344	ng		99
17) Acenaphthene	14.46	154	13924	0.371	ng		99
18) Fluorene	15.43	166	17659	0.365	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	5689	0.377	ng		97
21) Hexachlorobenzene	16.44	284	6229	0.380	ng		98
22) Pentachlorophenol	16.79	266	107	0.094	ng		94
23) Phenanthrene	17.16	178	35296	0.379	ng		99
24) Anthracene	17.25	178	27111	0.348	ng		98
26) Fluoranthene	19.19	202	39605	0.356	ng		100
28) Pyrene	19.55	202	39013	0.379	ng		100
30) Benzo(a)anthracene	21.29	228	34046	0.365	ng		100
31) Chrysene	21.34	228	42246	0.385	ng		98
32) Bis(2-ethylhexyl)phthalate	21.25	149	28059	0.428	ng		100
33) Indeno(1,2,3-cd)pyrene	26.34	276	34414	0.360	ng		100
35) Benzo(b)fluoranthene	23.01	252	34347	0.371	ng		99
36) Benzo(k)fluoranthene	23.06	252	38456	0.371	ng		99
37) Benzo(a)pyrene	23.64	252	28738	0.359	ng		99
38) Dibenzo(a,h)anthracene	26.36	278	27801	0.349	ng		99
39) Benzo(g,h,i)perylene	27.12	276	32133	0.377	ng		99

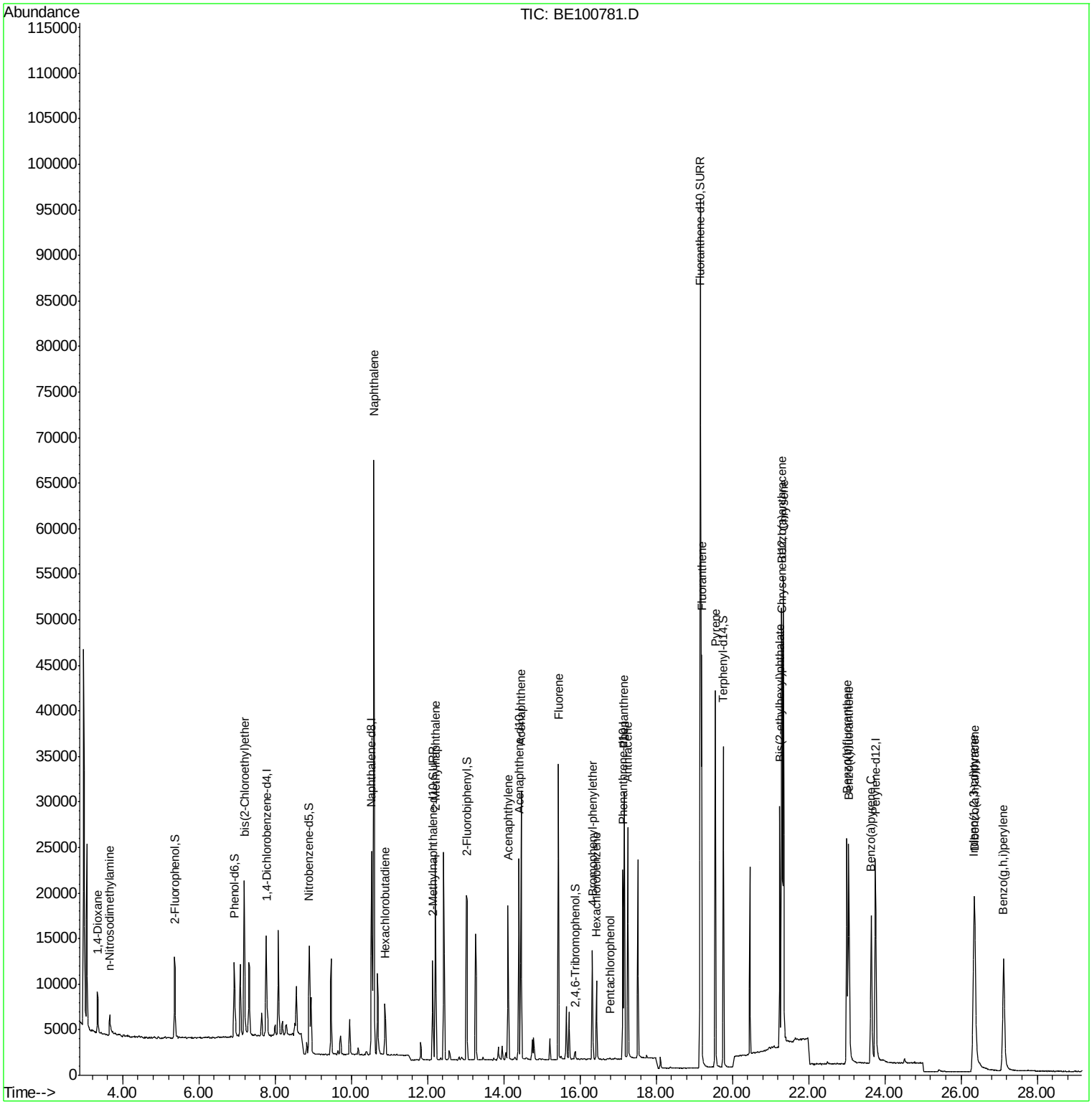
(#) = qualifier out of range (m) = manual integration (+) = signals summed

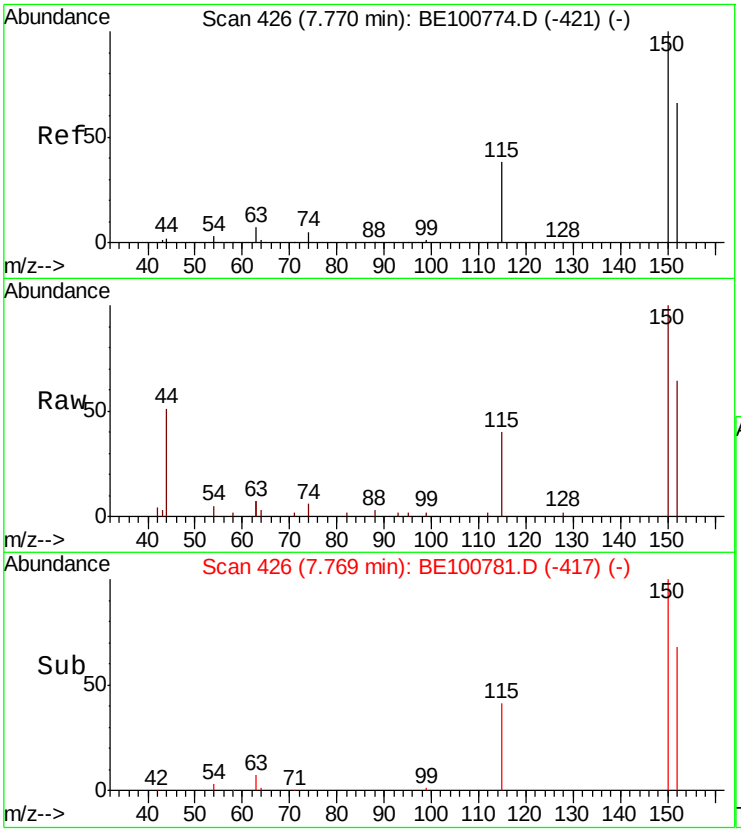
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100781.D
Acq On : 5 Dec 2019 10:14
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 05 12:50:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



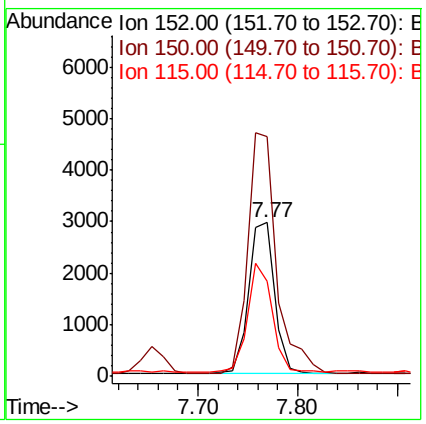


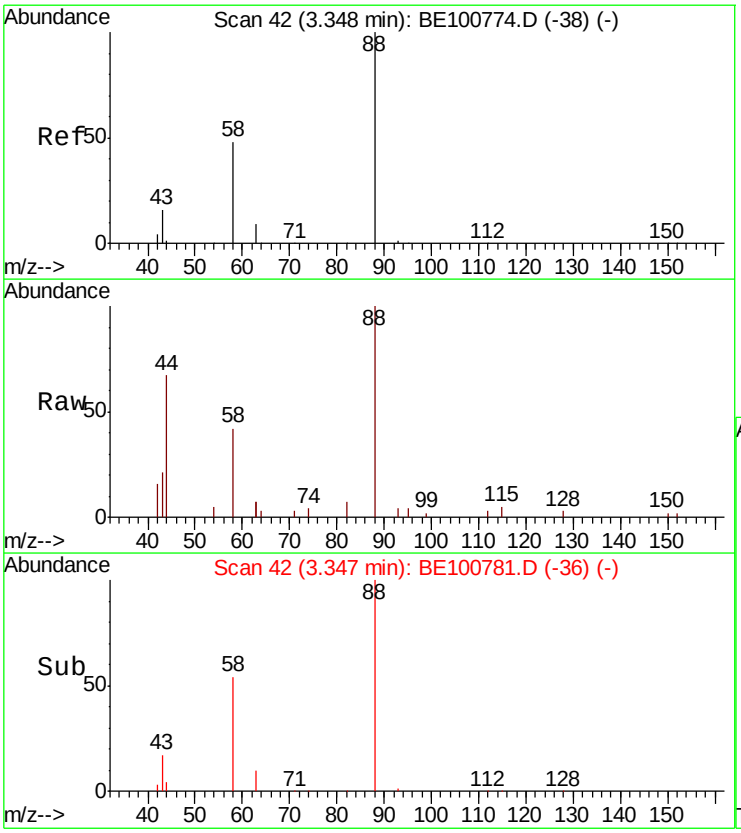
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5240

Ion	Ratio	Lower	Upper
152	100		
150	156.2	120.6	181.0
115	62.0	47.4	71.2

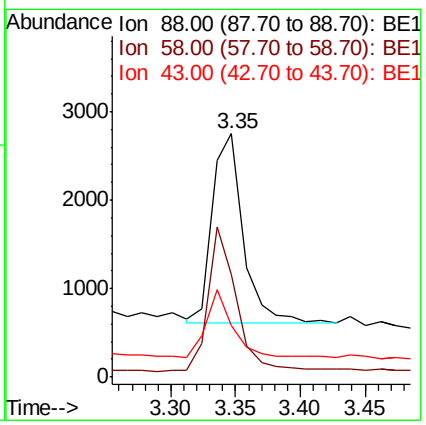


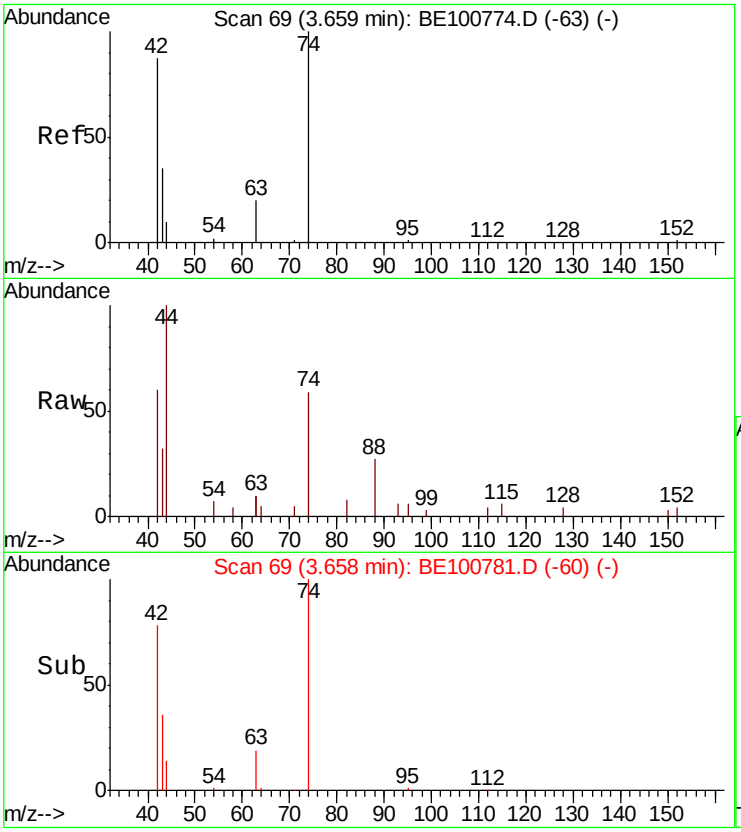


#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion: 88 Resp: 3563

Ion	Ratio	Lower	Upper
88	100		
58	68.3	52.5	78.7
43	29.9	23.0	34.6



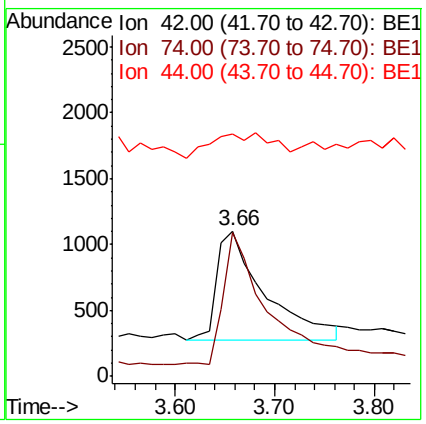


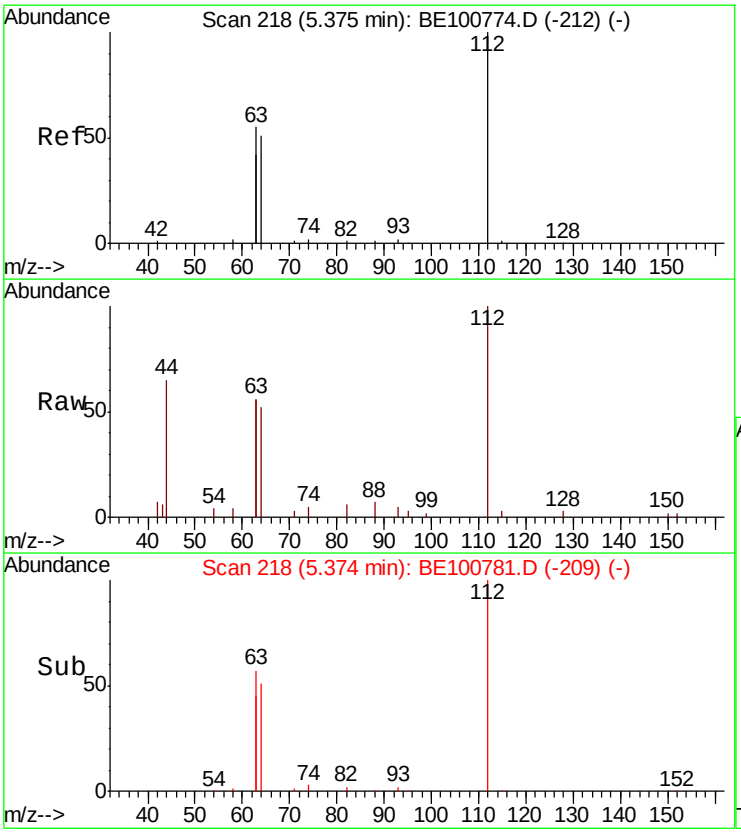
#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2752

Ion	Ratio	Lower	Upper
42	100		
74	112.7	86.3	129.5
44	0.0	11.6	17.4#

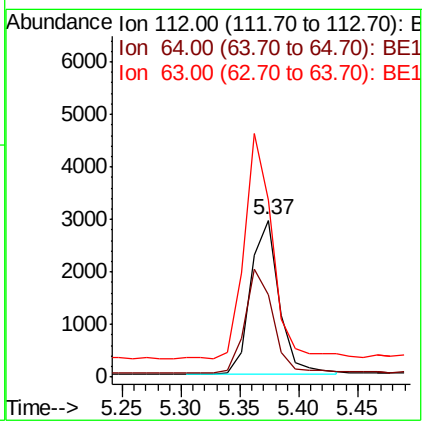


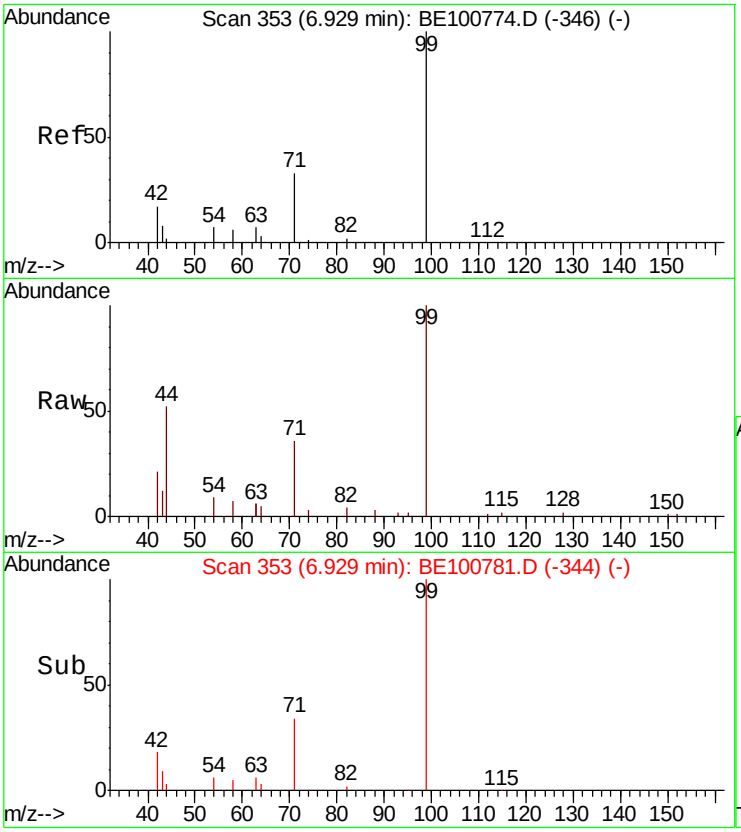


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:112 Resp: 4977

Ion	Ratio	Lower	Upper
112	100		
64	66.3	54.1	81.1
63	140.2	113.2	169.8



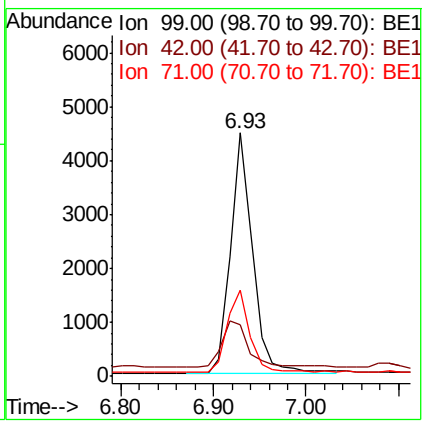


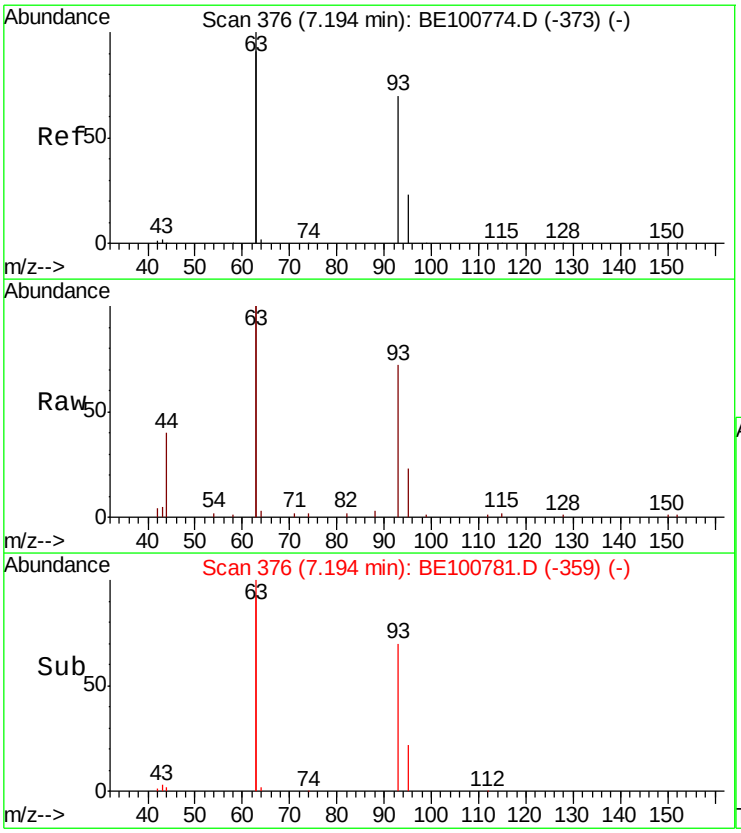
#5
Phenol-d6
Concen: 0.397 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7459

Ion	Ratio	Lower	Upper
99	100		
42	22.8	19.1	28.7
71	36.1	27.7	41.5

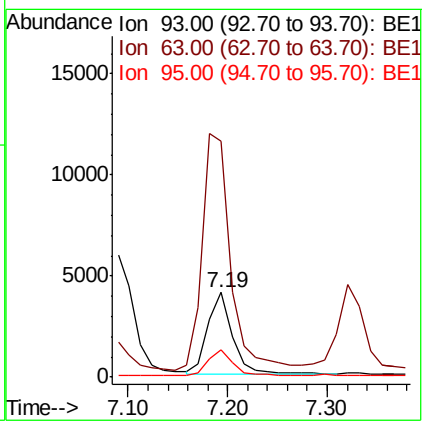


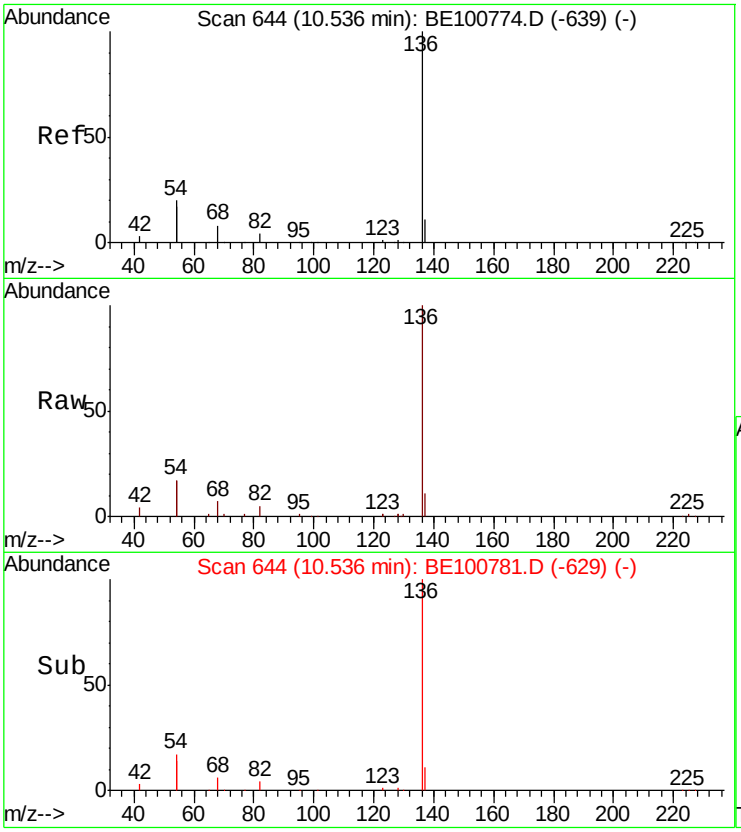


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion: 93 Resp: 7157

Ion	Ratio	Lower	Upper
93	100		
63	319.3	259.4	389.0
95	31.6	26.2	39.2



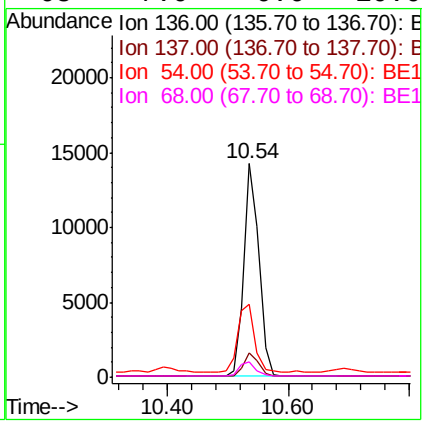


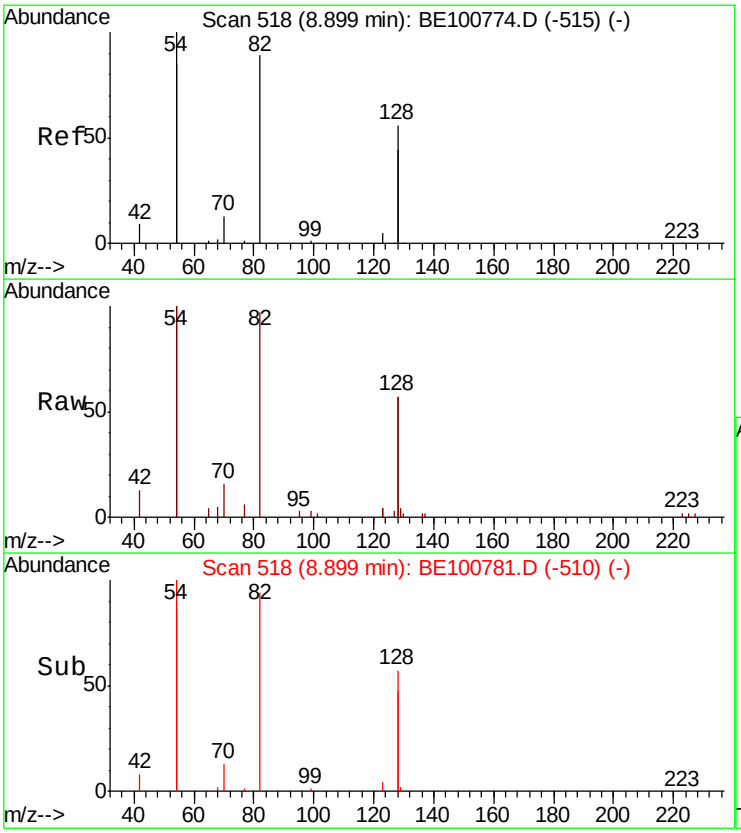
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 24438

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	34.1	31.1	46.7
68	7.0	6.6	10.0

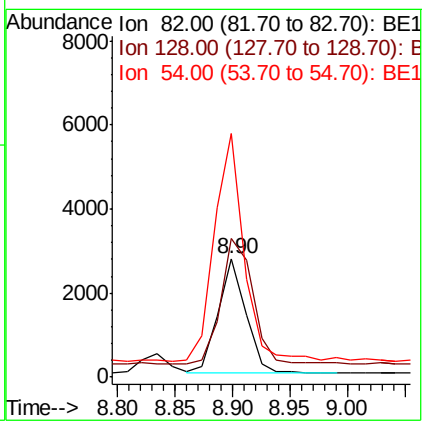


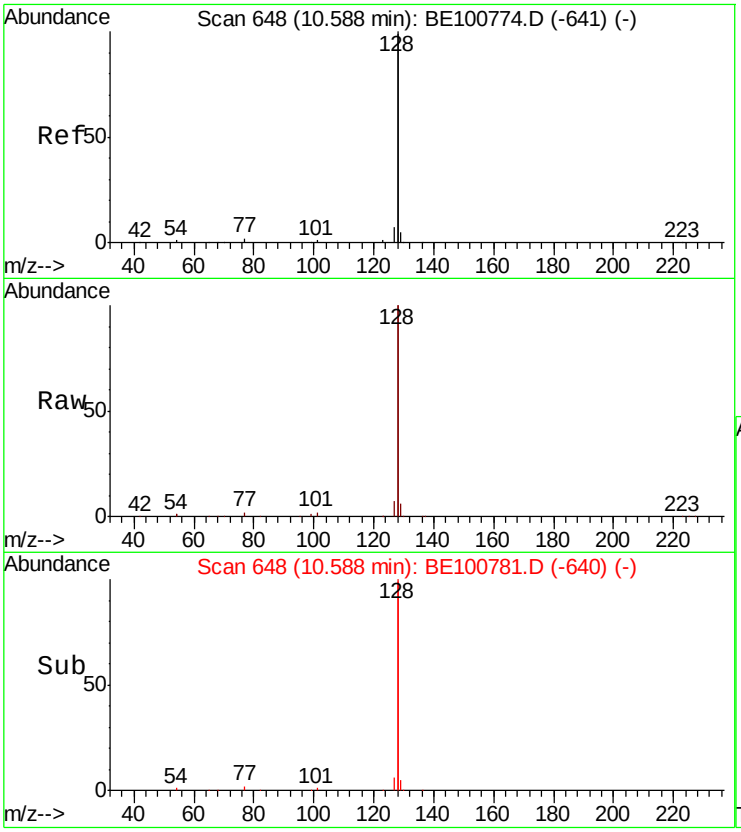


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion: 82 Resp: 4580

Ion	Ratio	Lower	Upper
82	100		
128	117.4	97.0	145.4
54	205.5	171.8	257.6



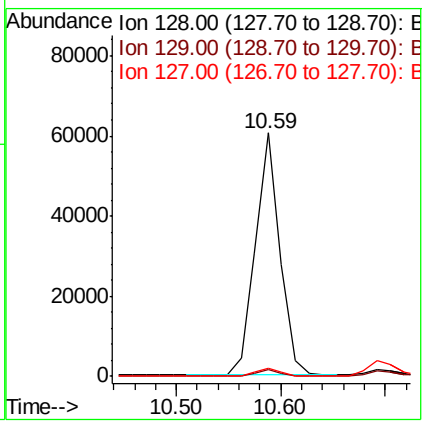


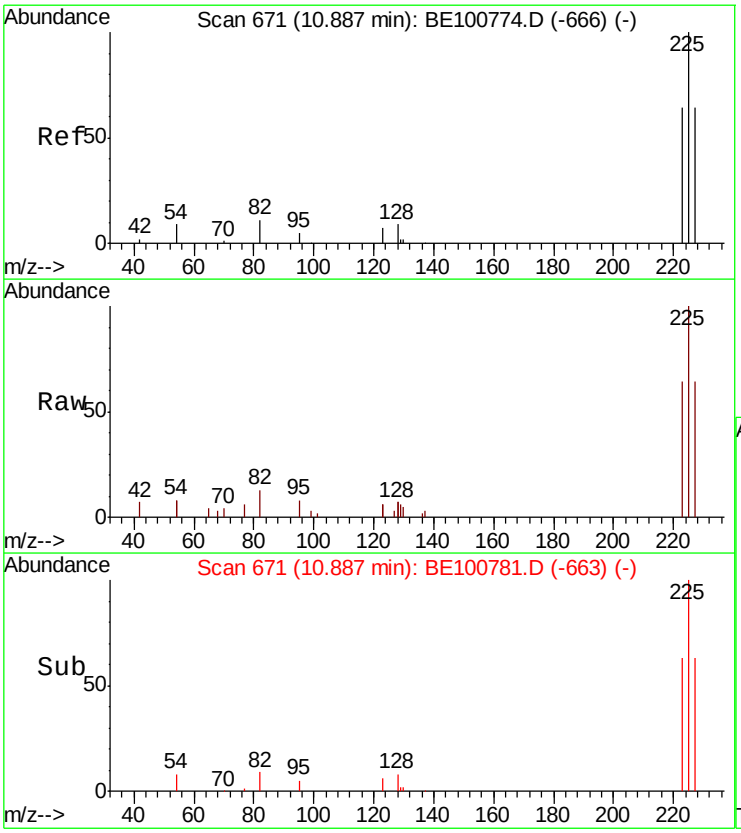
#9
Naphthalene
Concen: 0.382 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 99181

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

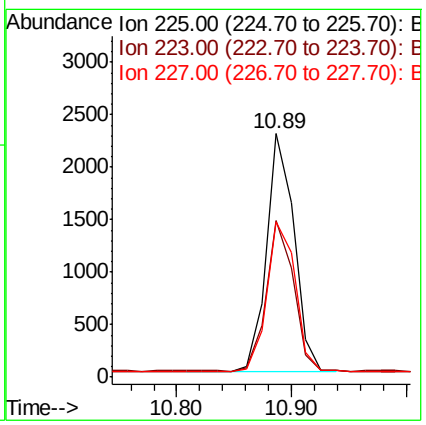


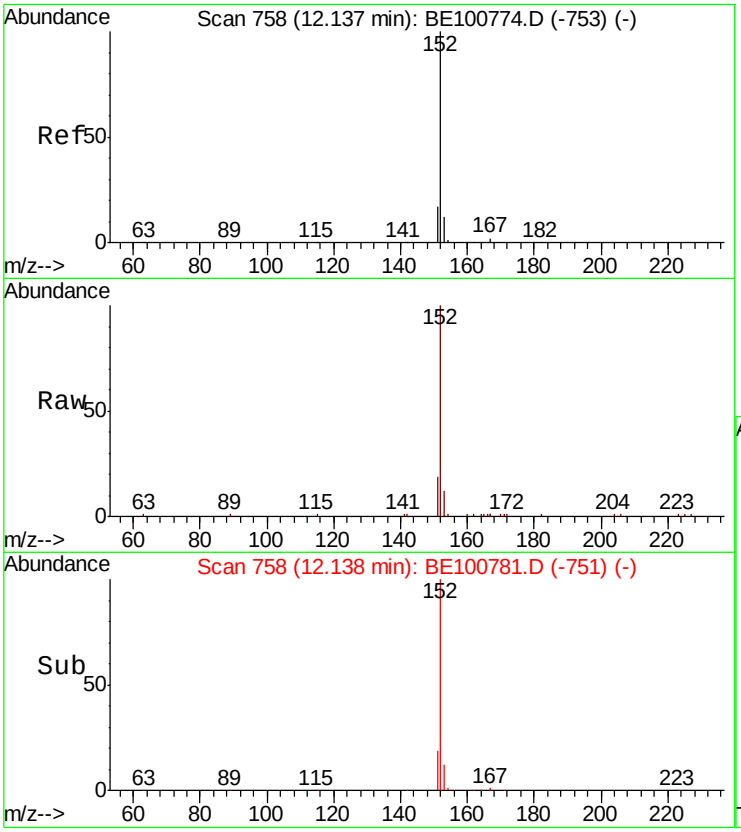


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:225 Resp: 3801

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	65.2	52.2	78.4



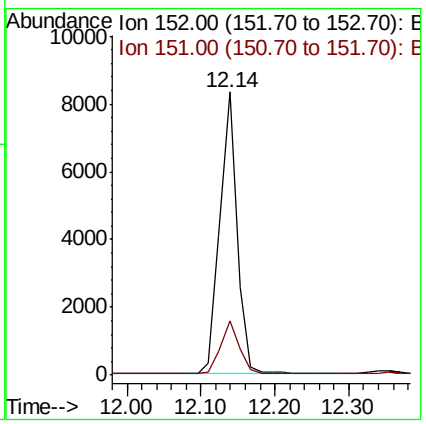


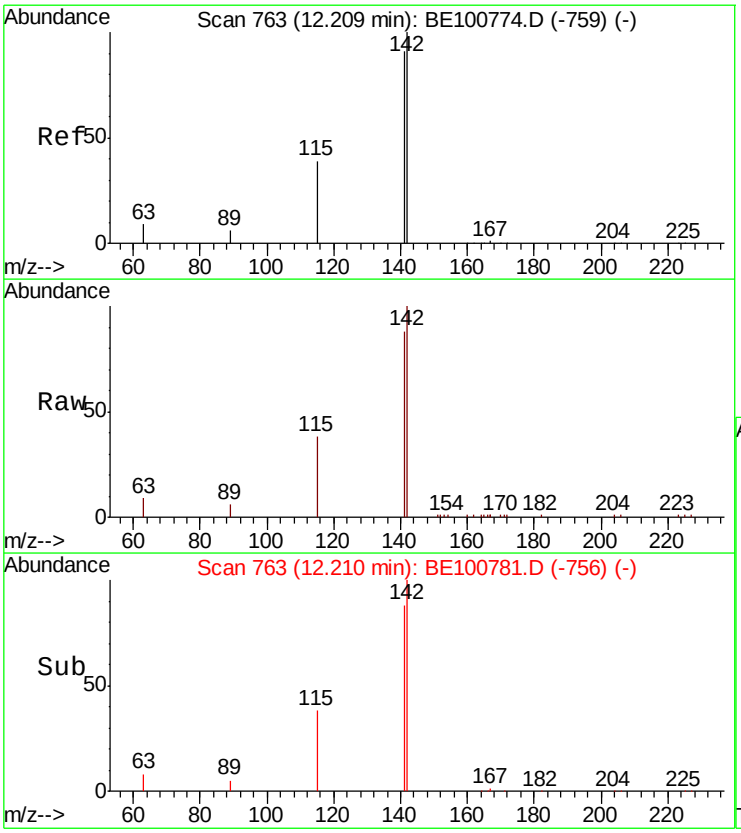
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13363

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8

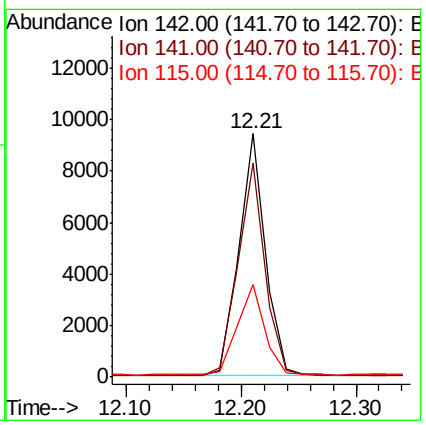


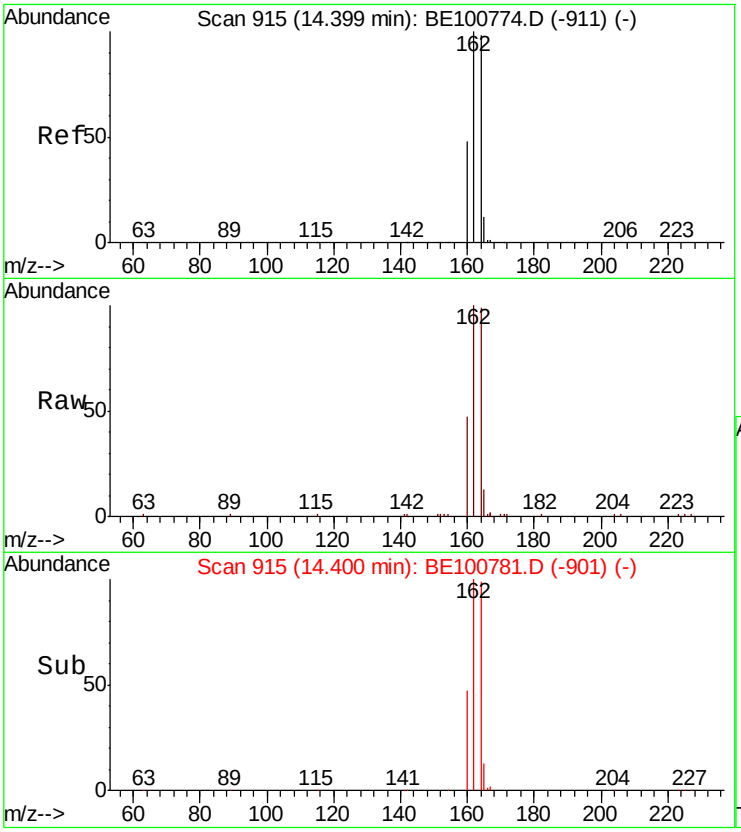


#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:142 Resp: 14921

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8
115	38.2	31.8	47.6



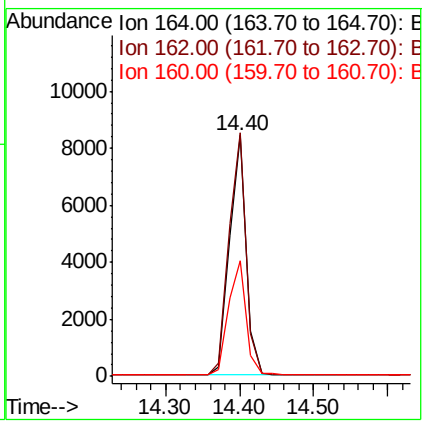


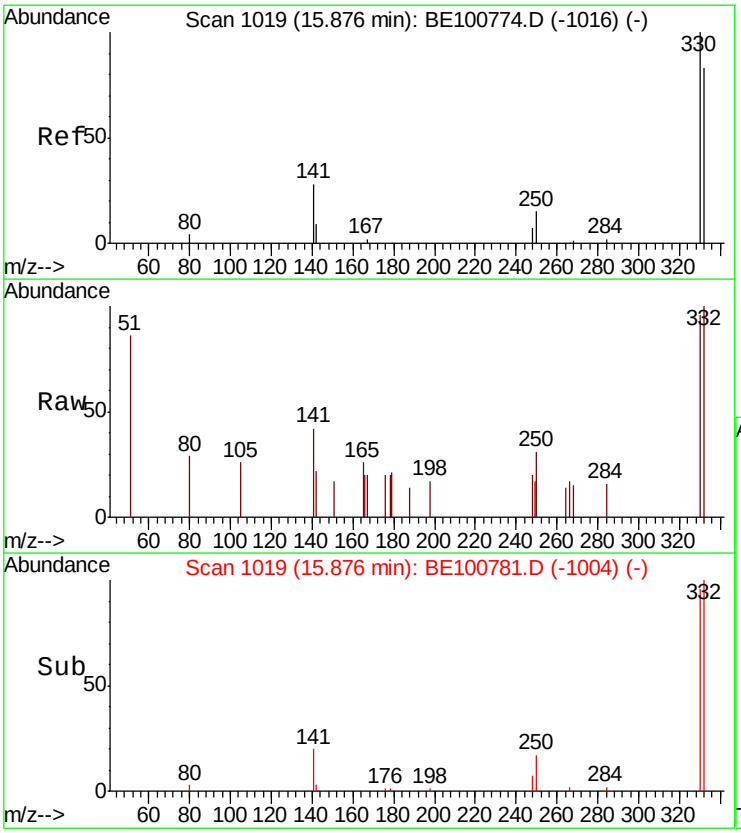
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13174

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	47.9	39.4	59.0

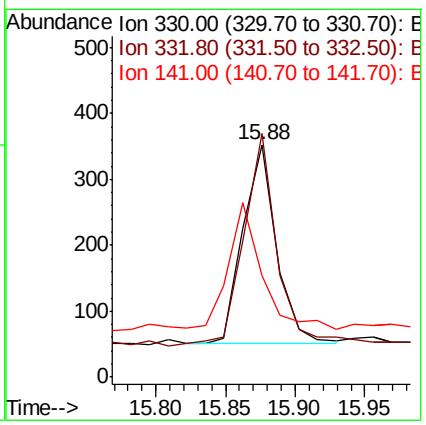


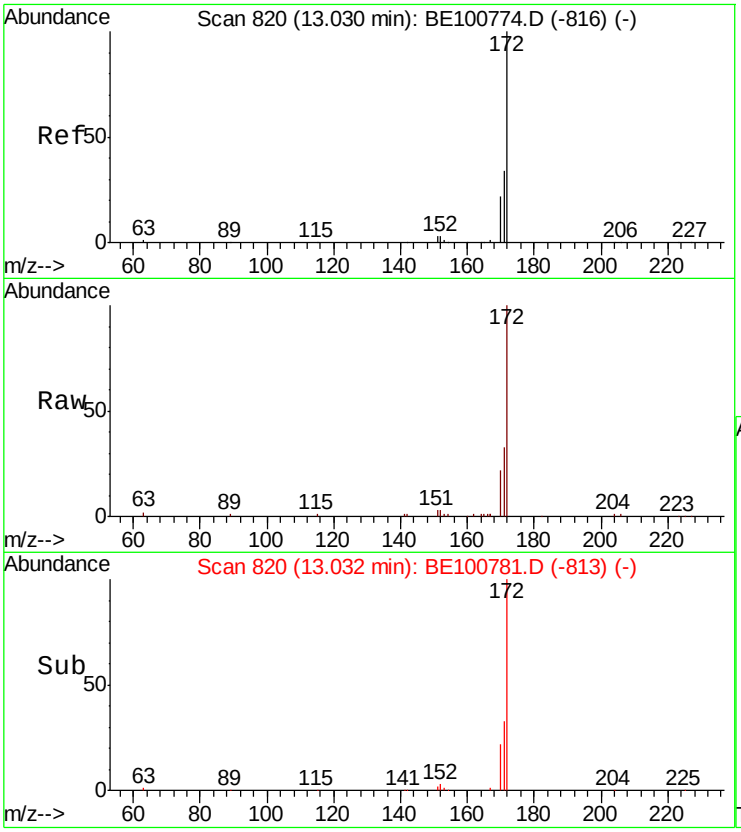


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:330 Resp: 501

Ion	Ratio	Lower	Upper
330	100		
332	112.4	69.4	104.2#
141	63.7	51.1	76.7



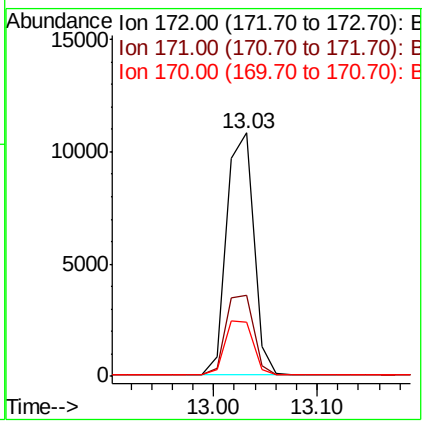


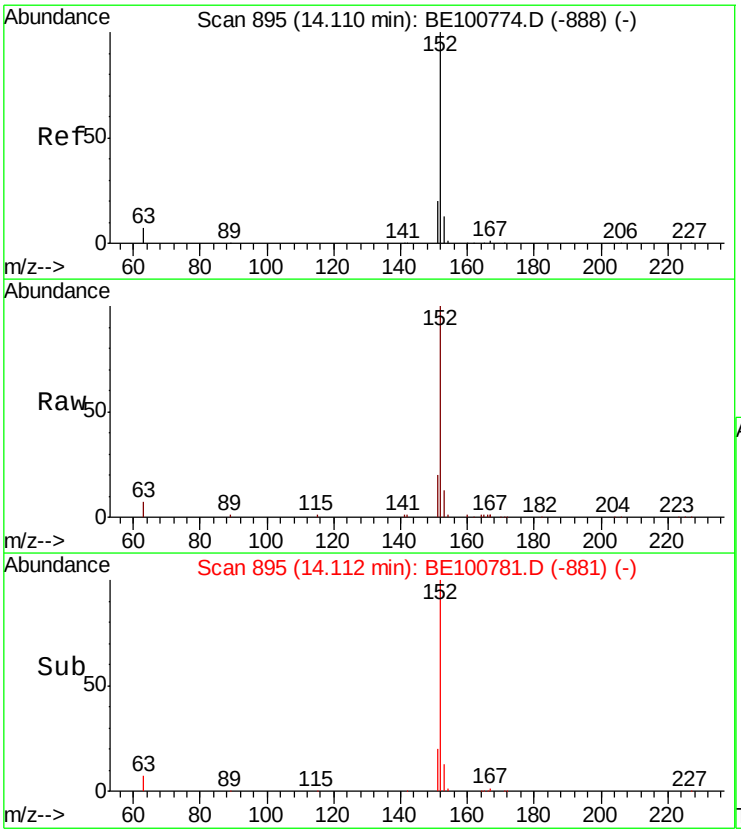
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 19599

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.2	40.8
170	22.5	18.0	27.0

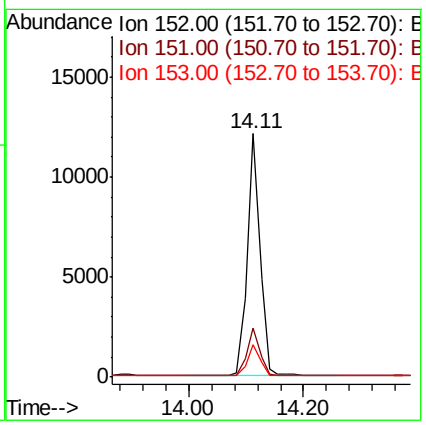


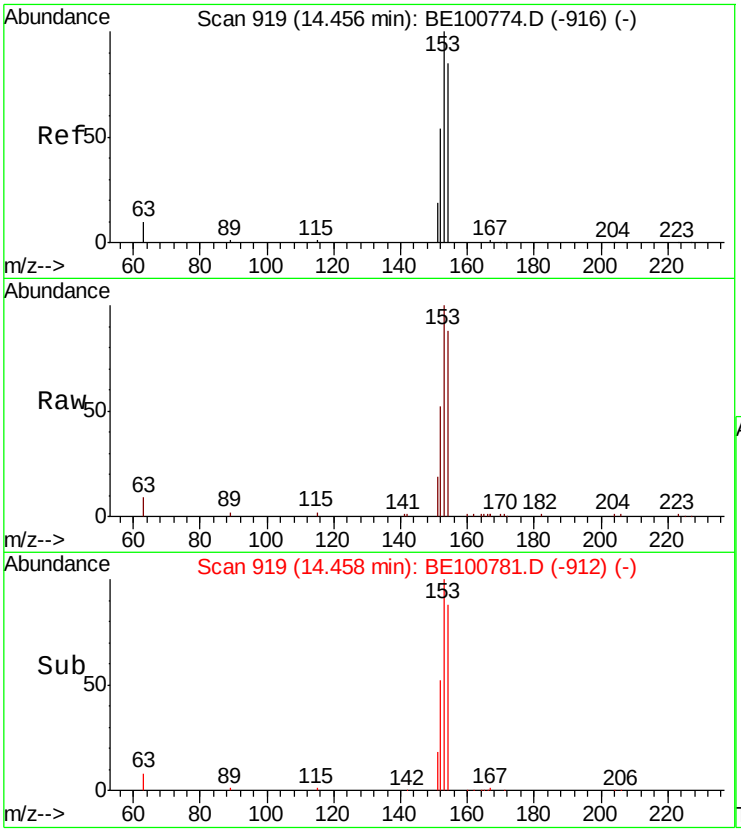


#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:152 Resp: 18768

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	12.9	10.4	15.6



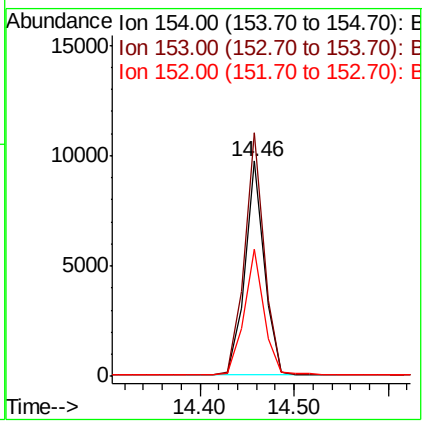


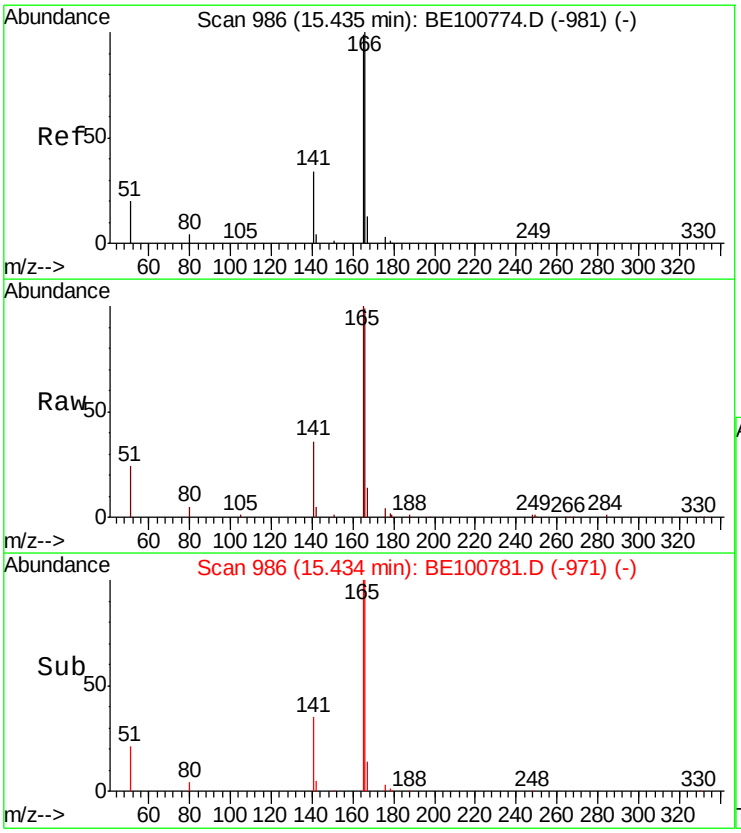
#17
Acenaphthene
Concen: 0.371 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 13924

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.2	138.2
152	60.0	49.1	73.7

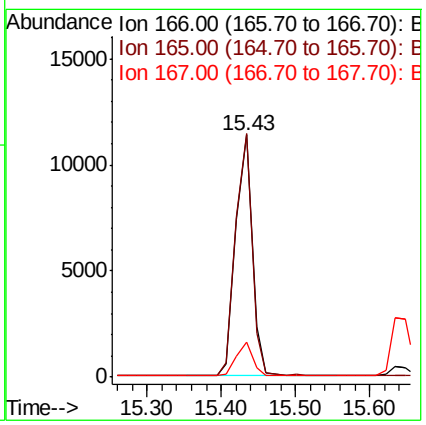


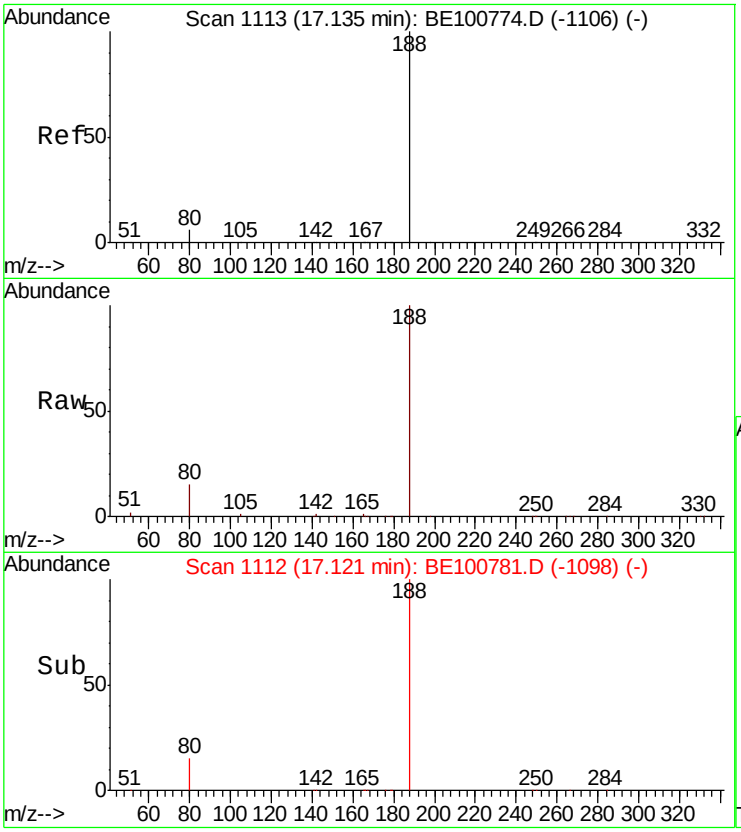


#18
Fluorene
Concen: 0.365 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:166 Resp: 17659

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.5	120.7
167	13.8	10.7	16.1



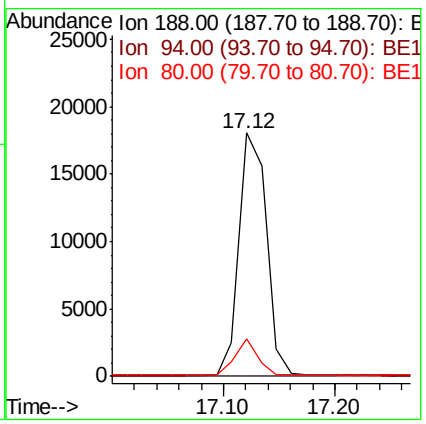


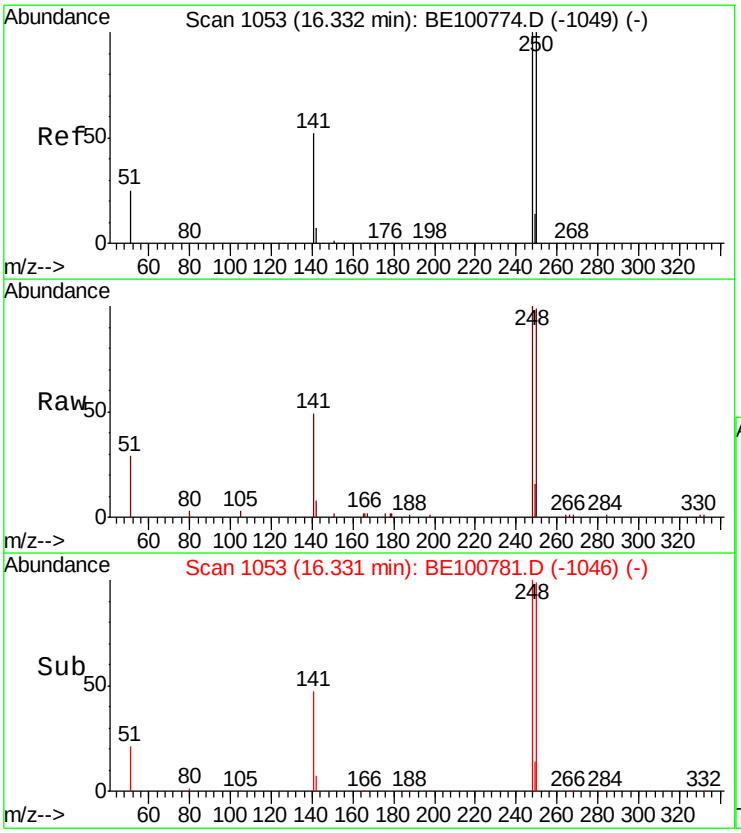
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 30759

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.3	5.2	7.8#

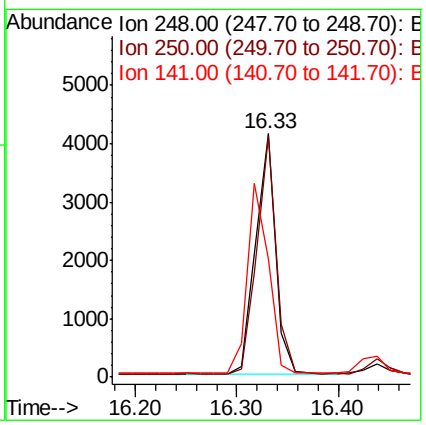


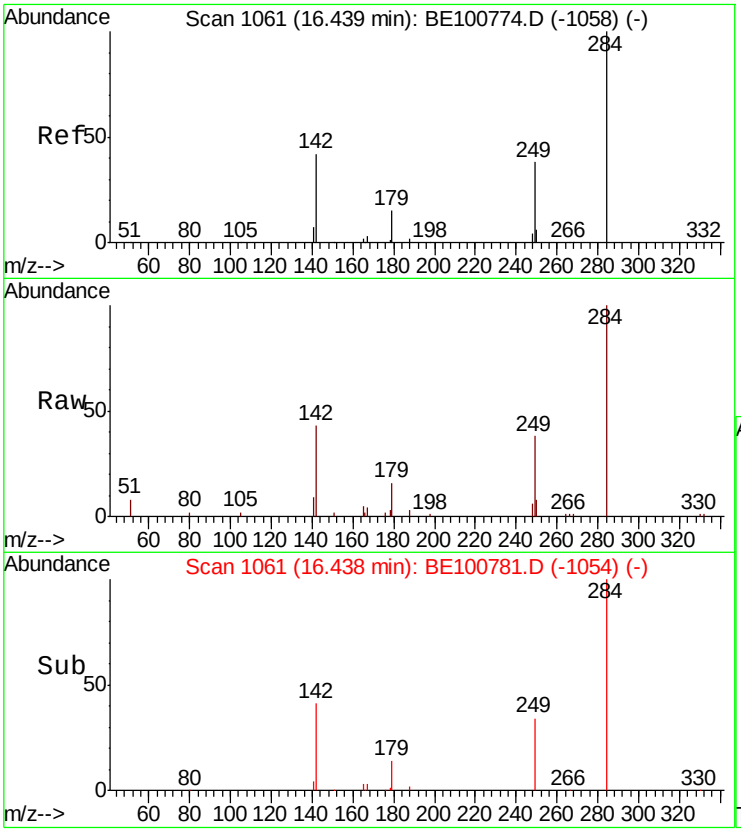


#20
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:248 Resp: 5689

Ion	Ratio	Lower	Upper
248	100		
250	99.2	80.5	120.7
141	48.6	42.6	64.0



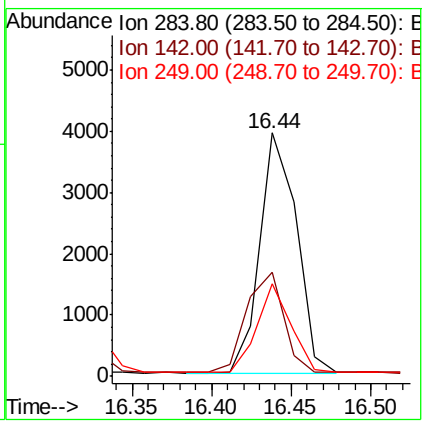


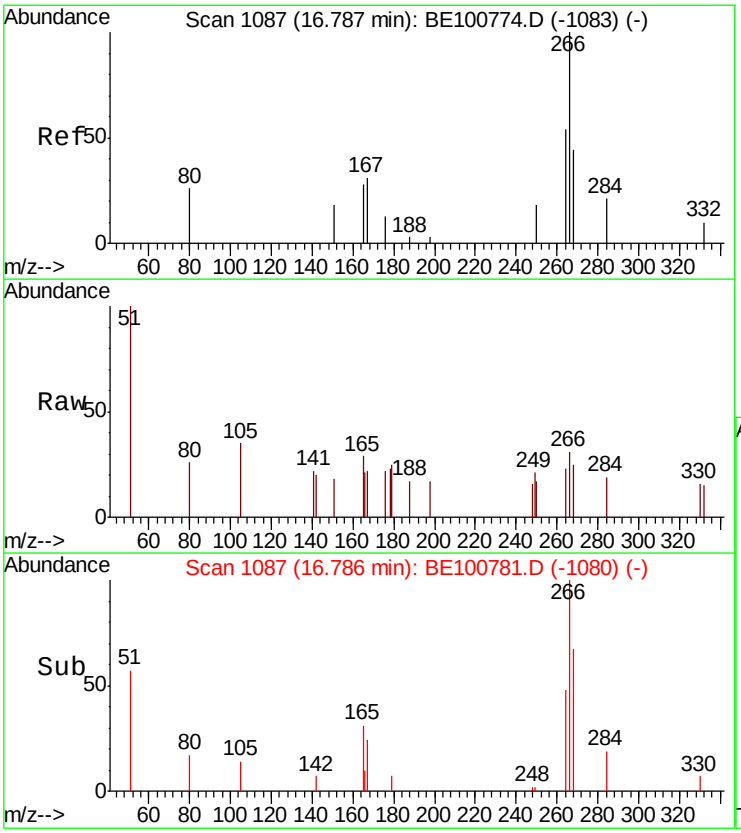
#21
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6229

Ion	Ratio	Lower	Upper
284	100		
142	42.3	34.4	51.6
249	33.7	28.5	42.7

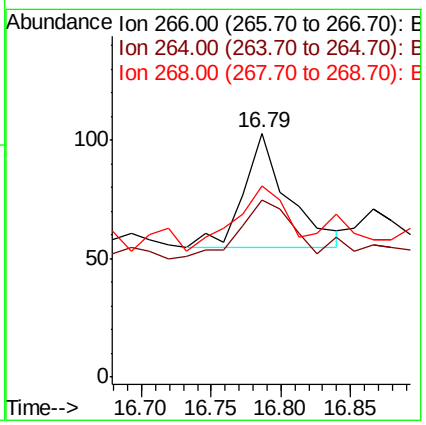


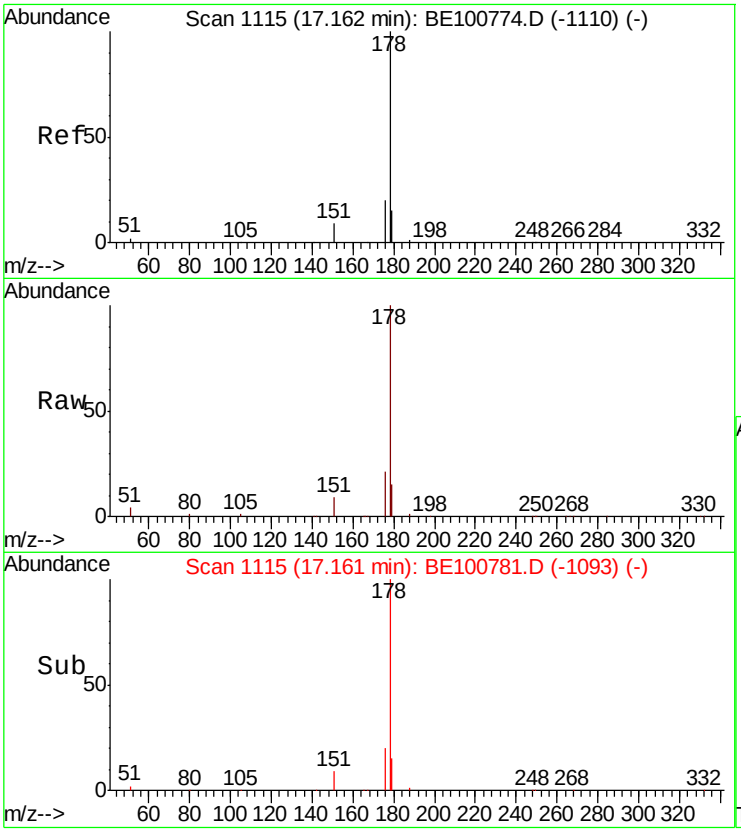


#22
Pentachlorophenol
Concen: 0.094 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:266 Resp: 107

Ion	Ratio	Lower	Upper
266	100		
264	72.8	63.4	95.0
268	78.6	65.8	98.8



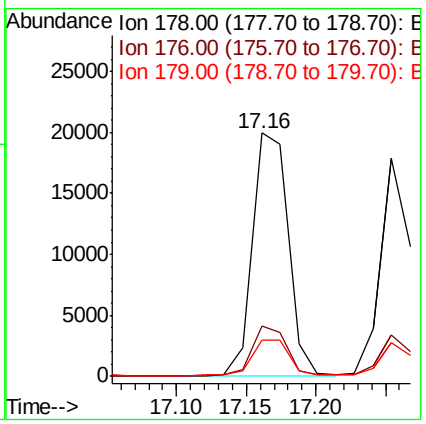


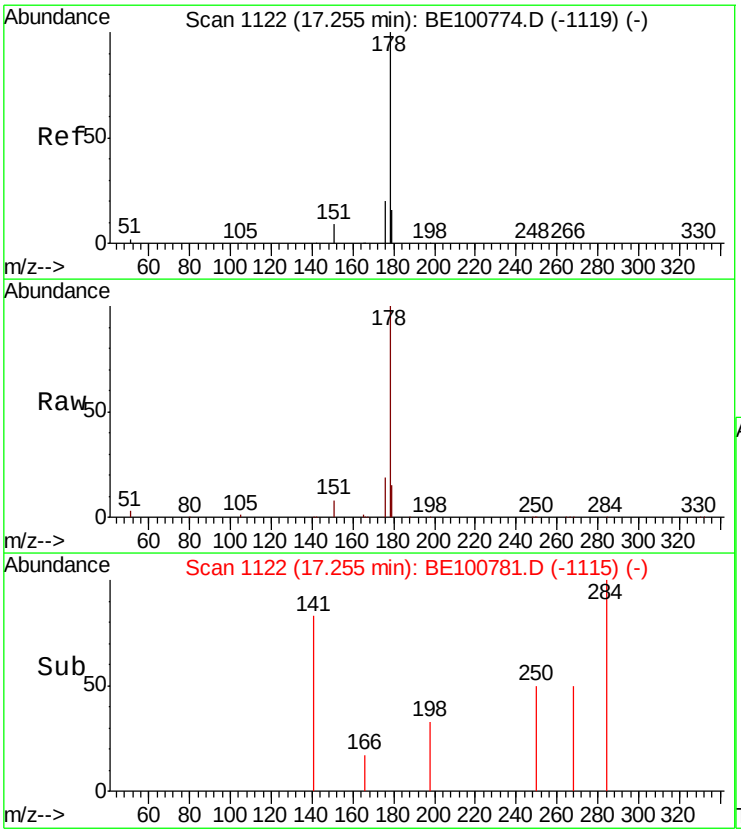
#23
Phenanthrene
Concen: 0.379 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 35296

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.1	12.3	18.5

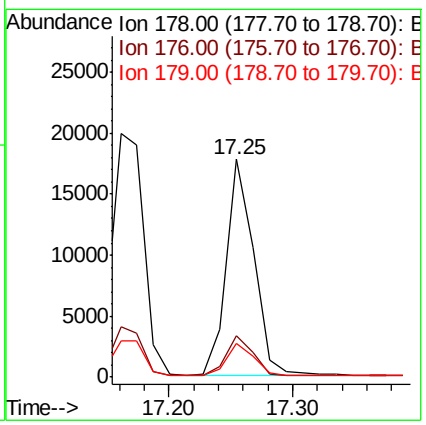


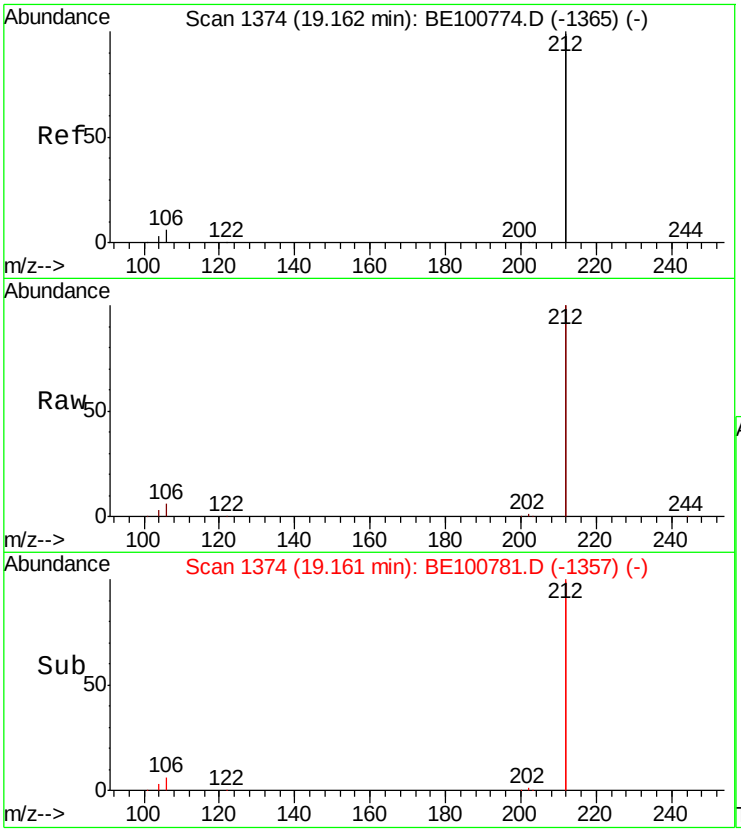


#24
Anthracene
Concen: 0.348 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:178 Resp: 27111

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.2	12.7	19.1



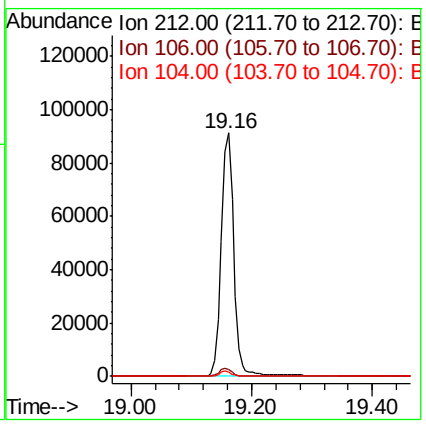


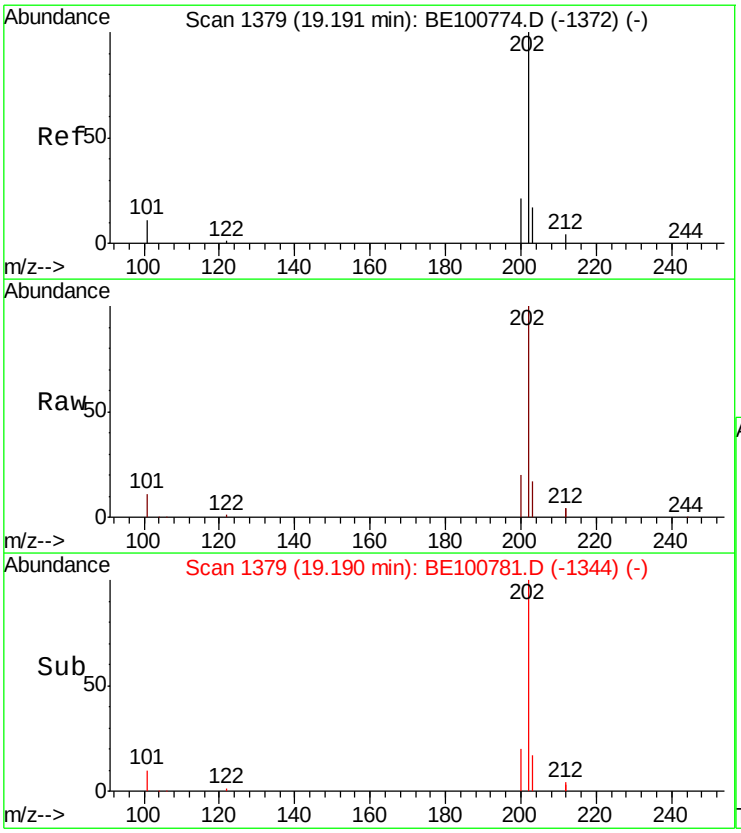
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 128711

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.2

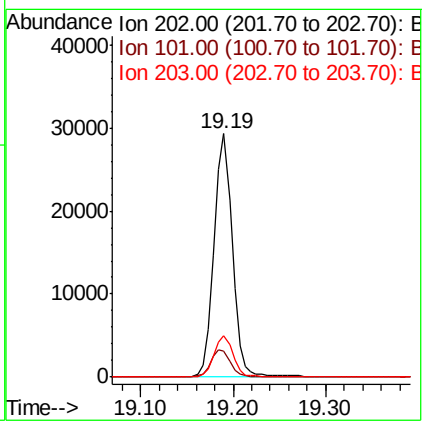


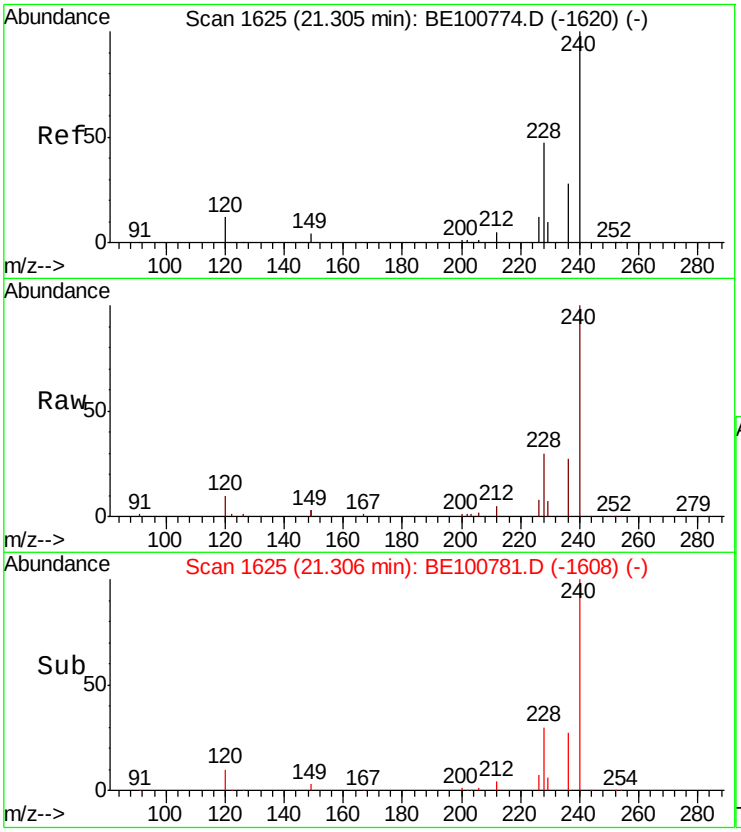


#26
Fluoranthene
Concen: 0.356 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:202 Resp: 39605

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.0	13.8	20.6



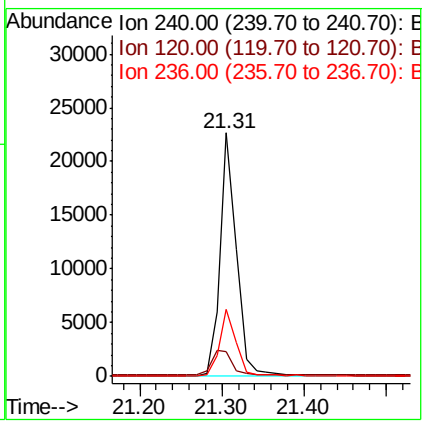


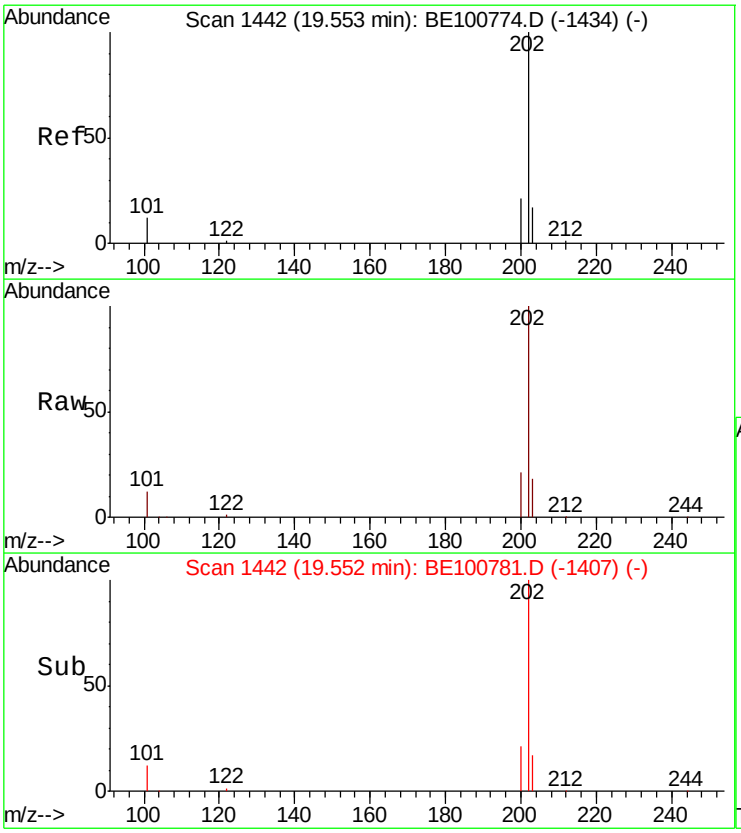
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 31670

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.2	15.2
236	27.3	22.3	33.5

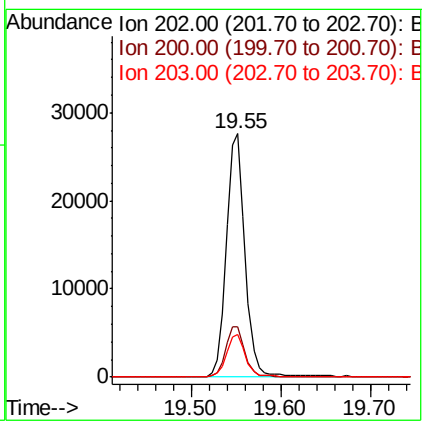


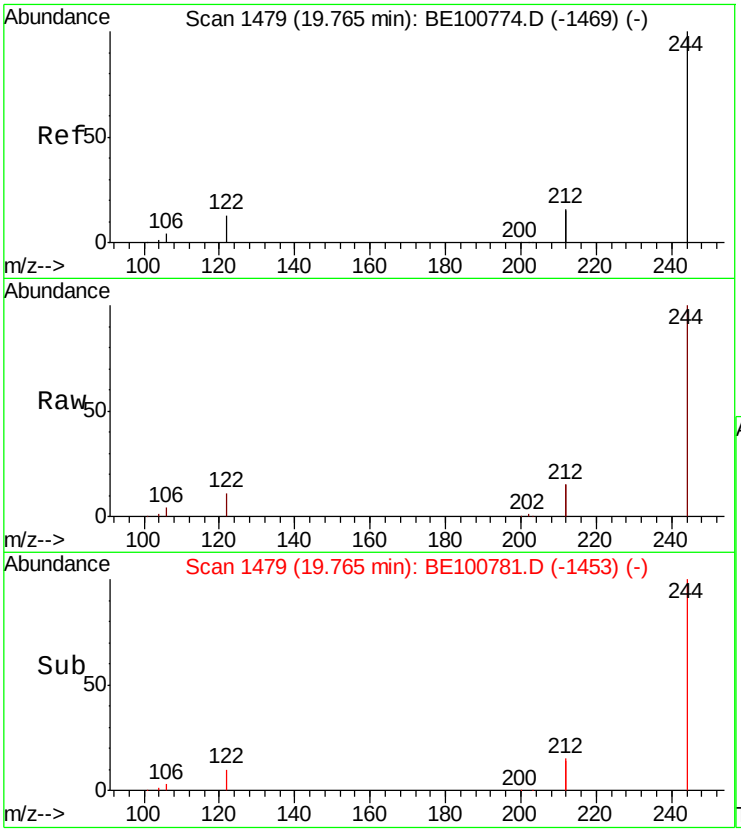


#28
Pyrene
Concen: 0.379 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:202 Resp: 39013

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.4	13.9	20.9



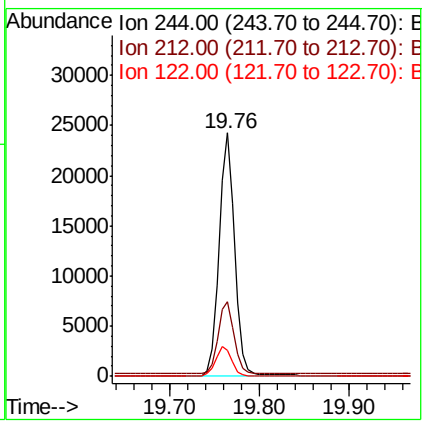


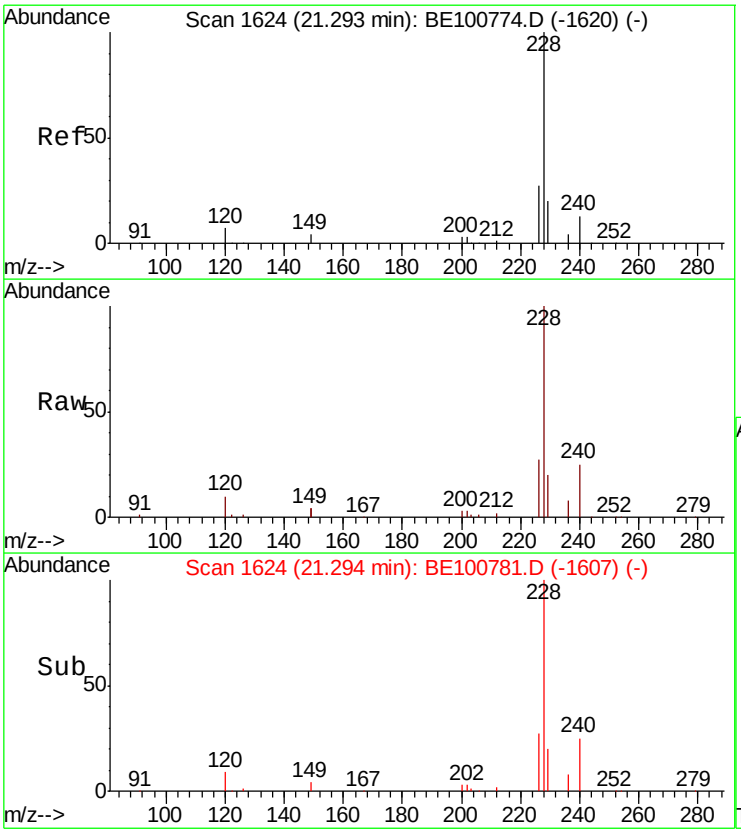
#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.76 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 29180

Ion	Ratio	Lower	Upper
244	100		
212	30.9	26.2	39.4
122	10.7	10.2	15.4

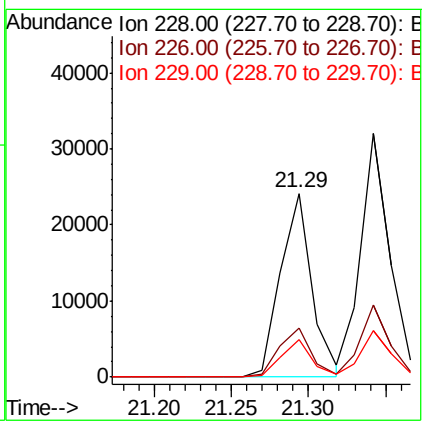


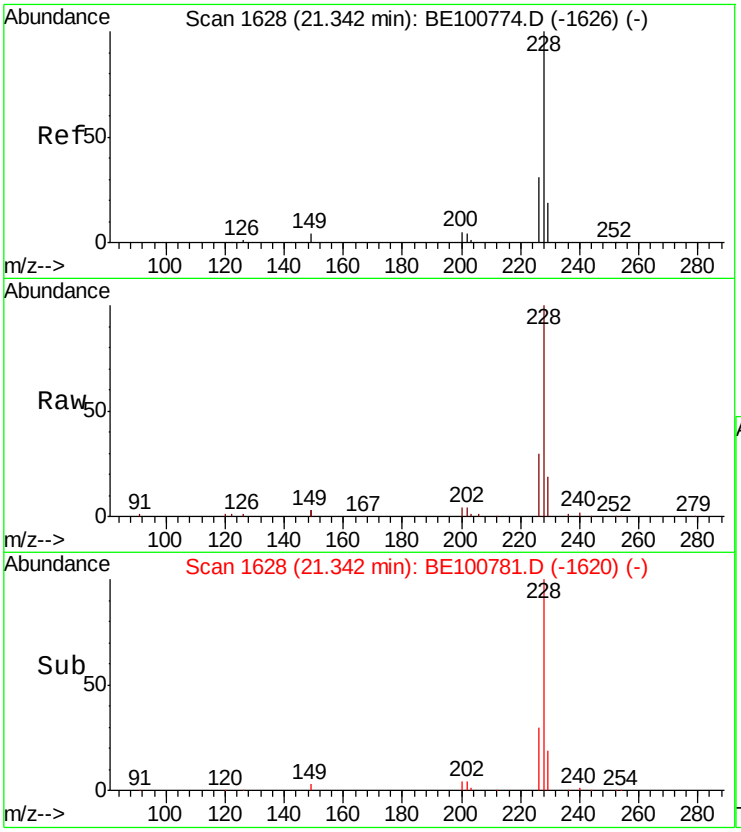


#30
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:228 Resp: 34046

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.5	32.3
229	20.2	16.0	24.0



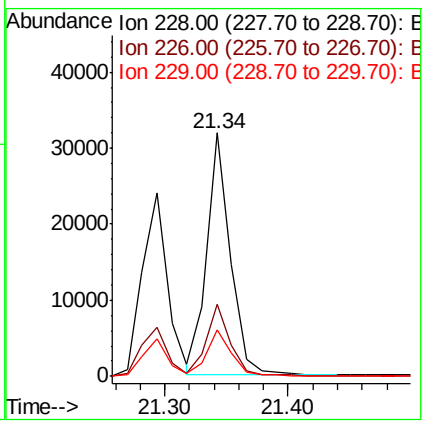


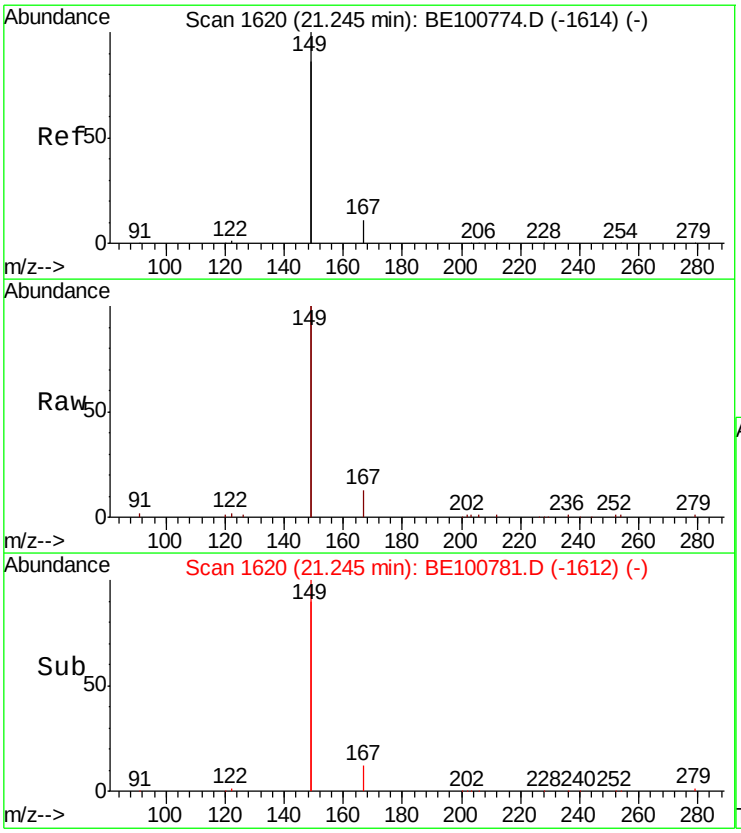
#31
Chrysene
Concen: 0.385 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 42246

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.4
229	18.9	15.4	23.2

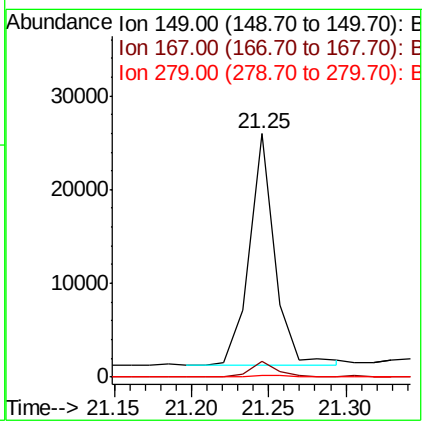


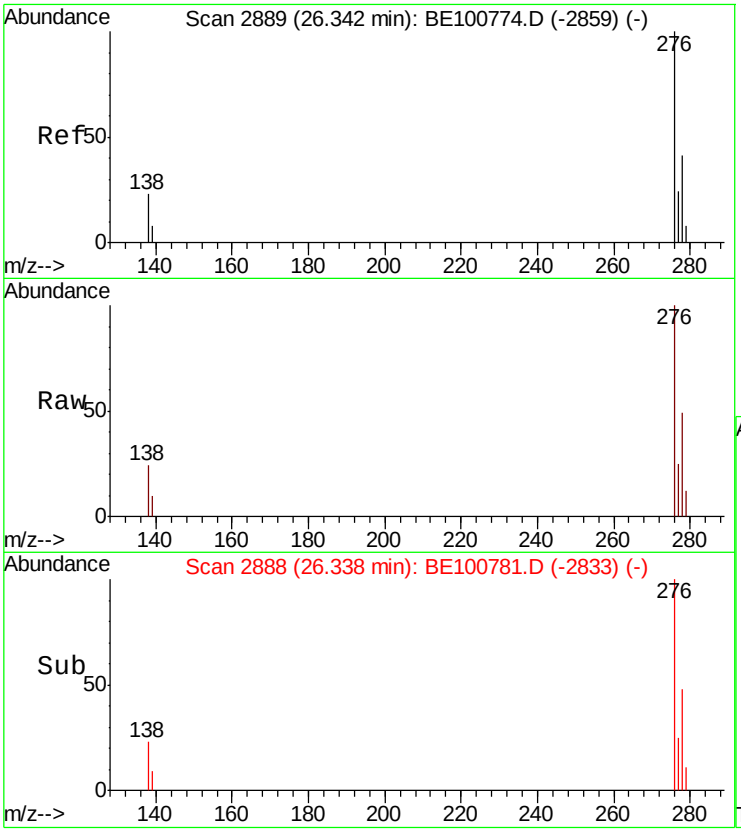


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.428 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:149 Resp: 28059

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	0.9	0.7	1.1



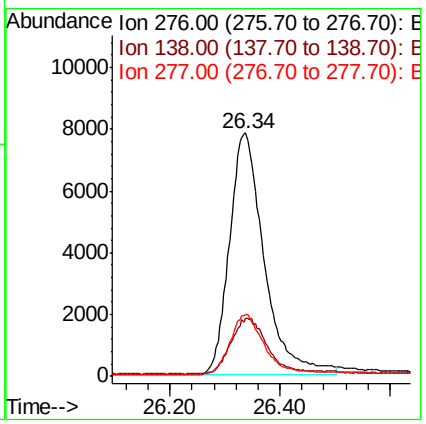


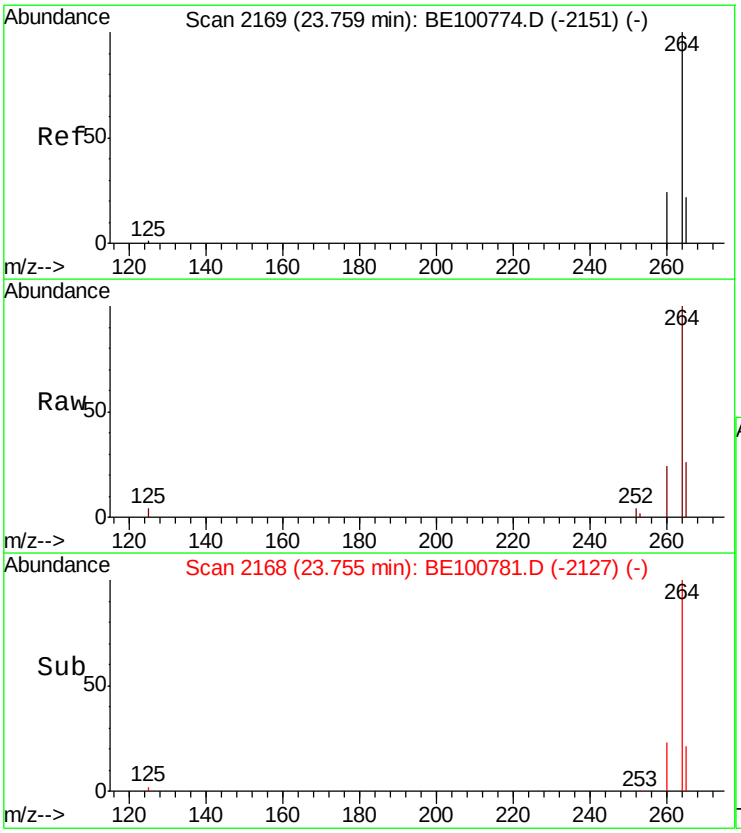
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.34 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 34414

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.4	29.0
277	24.7	19.8	29.6

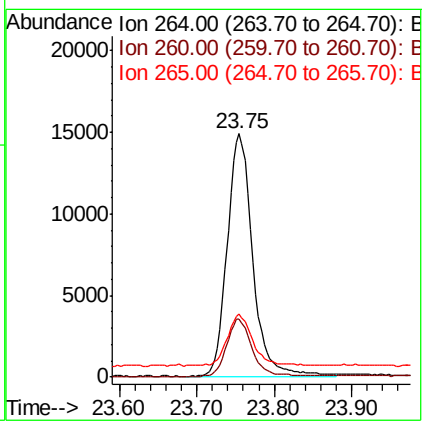


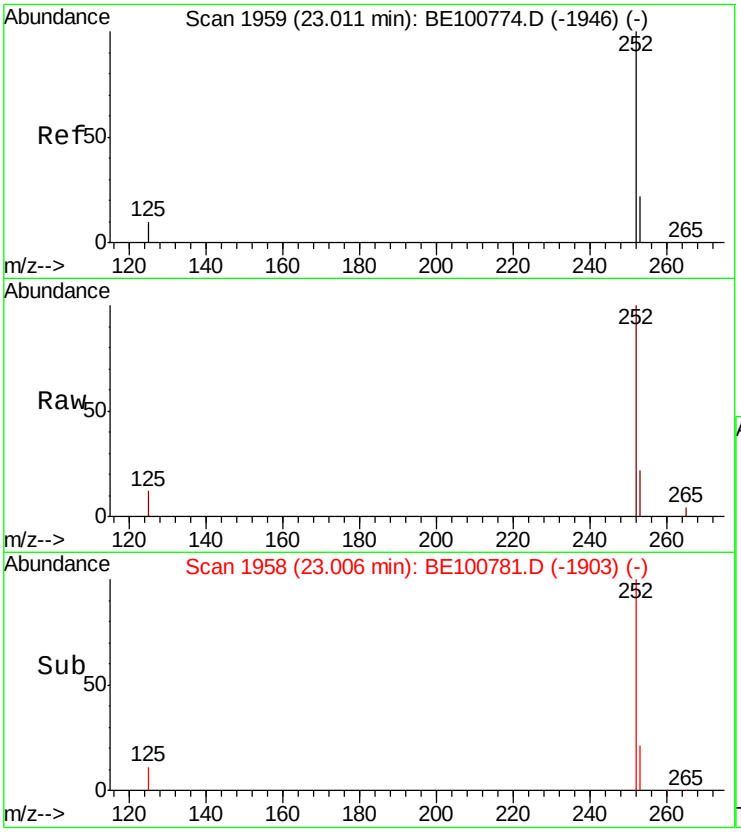


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:264 Resp: 33807

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	26.1	21.8	32.8



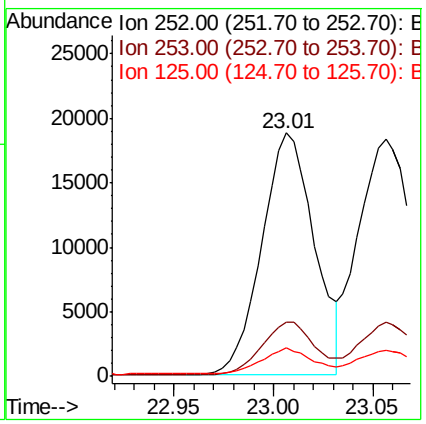


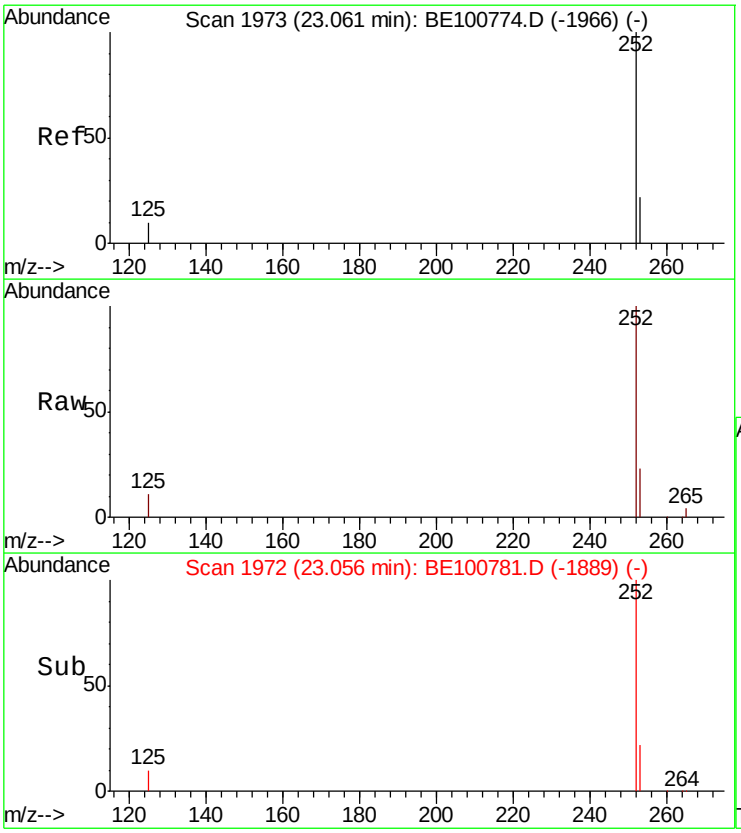
#35
Benzo(b)fluoranthene
Concen: 0.371 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 34347

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.6	9.0	13.4

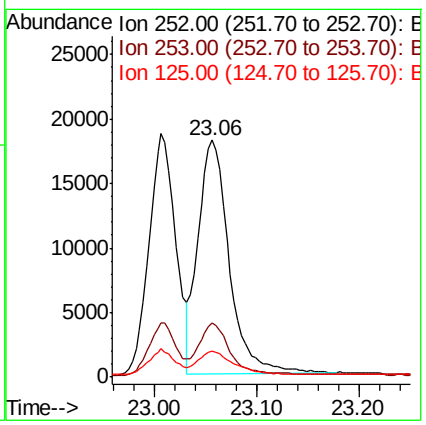


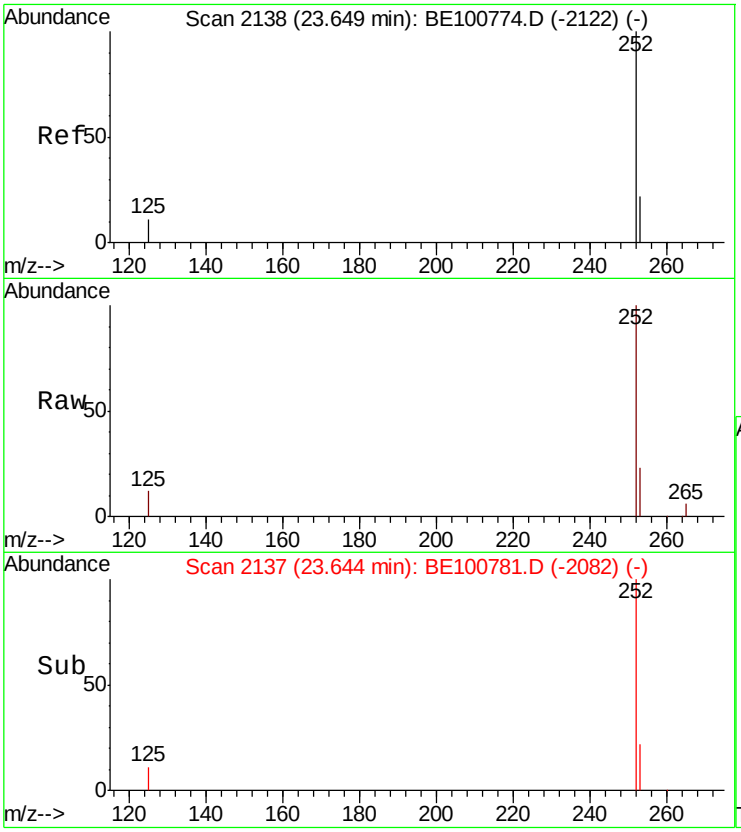


#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:252 Resp: 38456

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.2	8.7	13.1



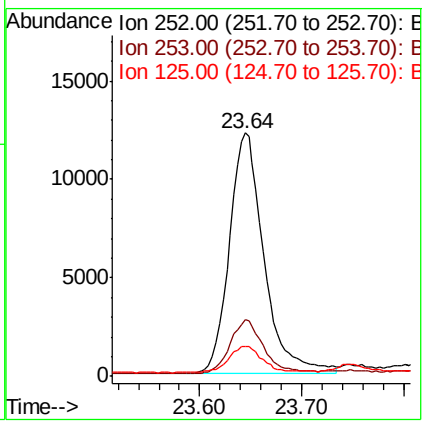


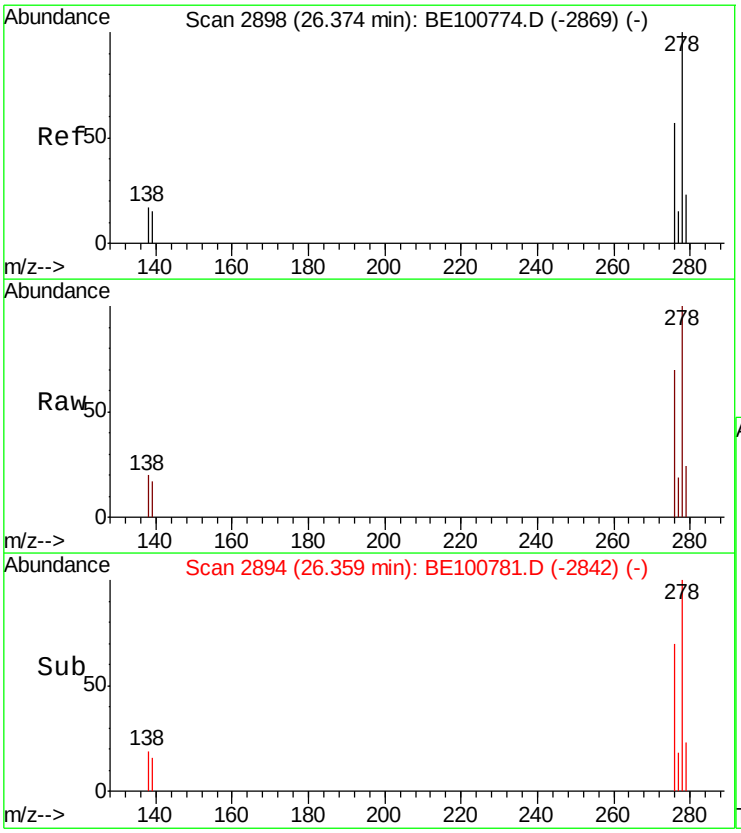
#37
Benzo(a)pyrene
Concen: 0.359 ng
RT: 23.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28738

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	12.3	10.4	15.6

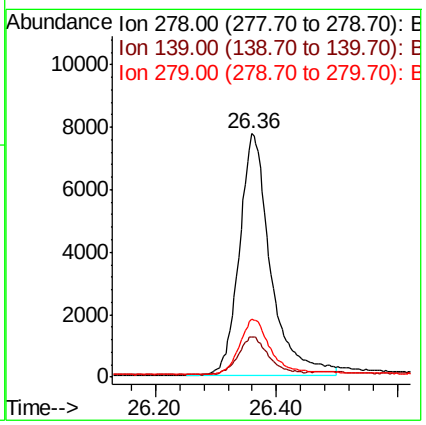


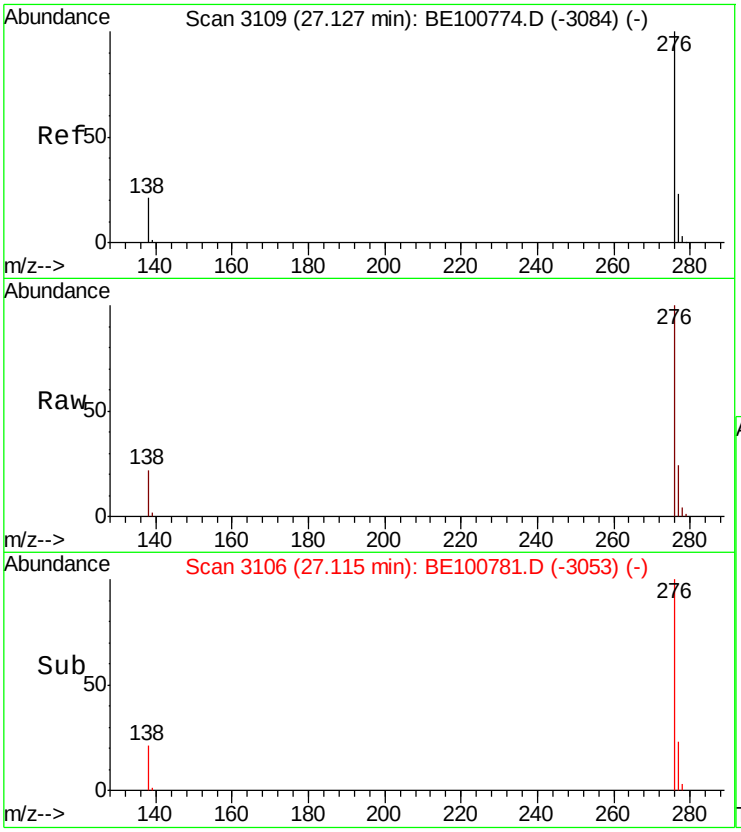


#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 26.36 min Scan# 2894
Delta R.T. -0.02 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Tgt Ion:278 Resp: 27801

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.4
279	23.7	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 27.12 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BE100781.D
Acq: 5 Dec 2019 10:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 32133

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	21.9	17.8	26.6