Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100785.D
Acq On : 5 Dec 2019 12:41
Operator : JU
Sample : PB125153BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 05 14:37:18 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	6410	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	26514	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12057	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	24732	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	22280	0.40	ng	0.00
34) Perylene-d12	23.75	264	26643	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	4158	0.27	ng	0.00
5) Phenol-d6	6.93	99	6693	0.29	ng	0.00
8) Nitrobenzene-d5	8.90	82	3663	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	10546	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	313	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	14963	0.31	ng	-0.01
25) Fluoranthene-d10	19.16	212	69148	0.24	ng	0.00
29) Terphenyl-d14	19.76	244	14859	0.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	3009	0.257	ng	# 74
3) n-Nitrosodimethylamine	3.66	42	2575	0.271	ng	# 83
6) bis(2-Chloroethyl)ether	7.19	93	6355	0.286	ng	97
9) Naphthalene	10.59	128	81872	0.291	ng	100
10) Hexachlorobutadiene	10.89	225	3047	0.277	ng	98
12) 2-Methylnaphthalene	12.21	142	11584	0.263	ng	99
16) Acenaphthylene	14.11	152	13029	0.261	ng	99
17) Acenaphthene	14.46	154	9494	0.276	ng	99
18) Fluorene	15.43	166	11217	0.253	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	3354	0.276	ng	96
21) Hexachlorobenzene	16.44	284	3764	0.286	ng	99
22) Pentachlorophenol	16.79	266	67	0.073	ng	96
23) Phenanthrene	17.16	178	20674	0.276	ng	100
24) Anthracene	17.25	178	15480	0.247	ng	97
26) Fluoranthene	19.19	202	20249	0.226	ng	100
28) Pyrene	19.55	202	20160	0.278	ng	100
30) Benzo(a)anthracene	21.29	228	16495	0.251	ng	100
31) Chrysene	21.34	228	22612	0.293	ng	99
32) Bis(2-ethylhexyl)phthalate	21.25	149	14073	0.296	ng	99
33) Indeno(1,2,3-cd)pyrene	26.33	276	20454	0.304	ng	100
35) Benzo(b)fluoranthene	23.01	252	19163	0.263	ng	98
36) Benzo(k)fluoranthene	23.06	252	22275	0.272	ng	98
37) Benzo(a)pyrene	23.64	252	16522	0.262	ng	99
38) Dibenzo(a,h)anthracene	26.36	278	17287	0.275	ng	98
39) Benzo(g,h,i)perylene	27.11	276	20678	0.308	ng	99

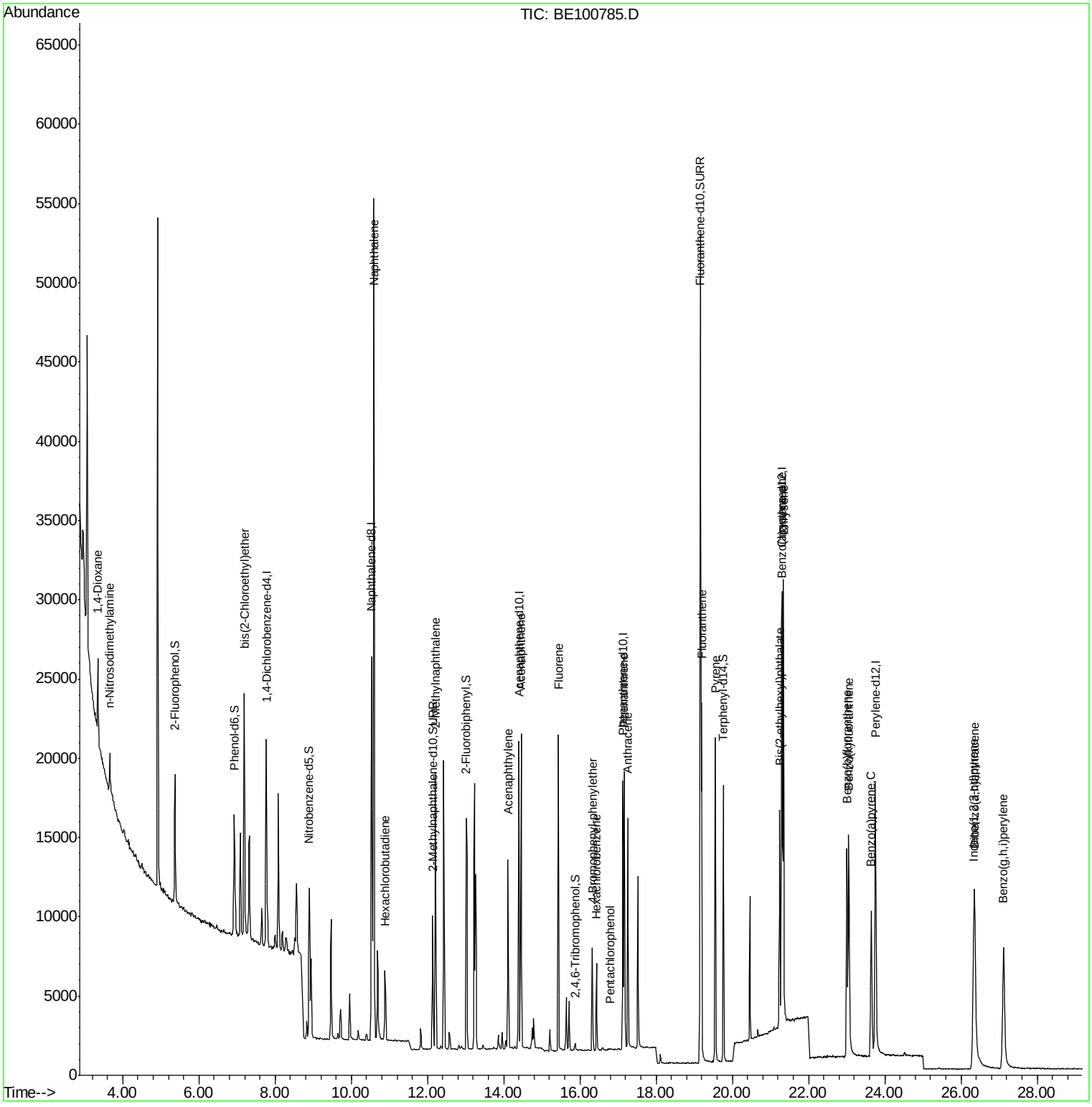
(#) = qualifier out of range (m) = manual integration (+) = signals summed

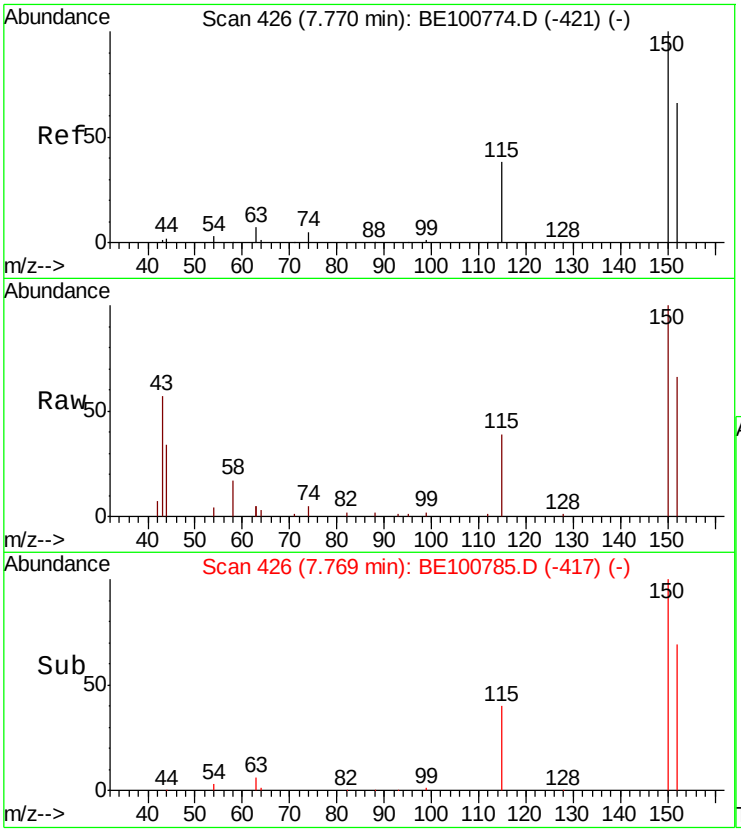
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100785.D
Acq On : 5 Dec 2019 12:41
Operator : JU
Sample : PB125153BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 05 14:37:18 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



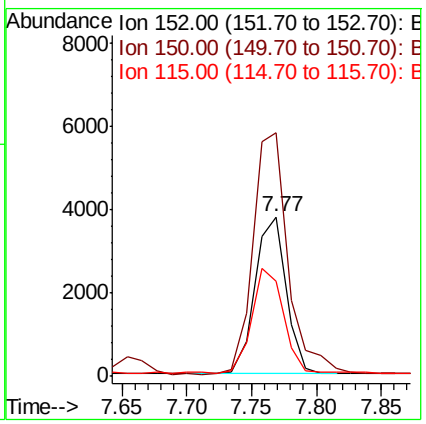


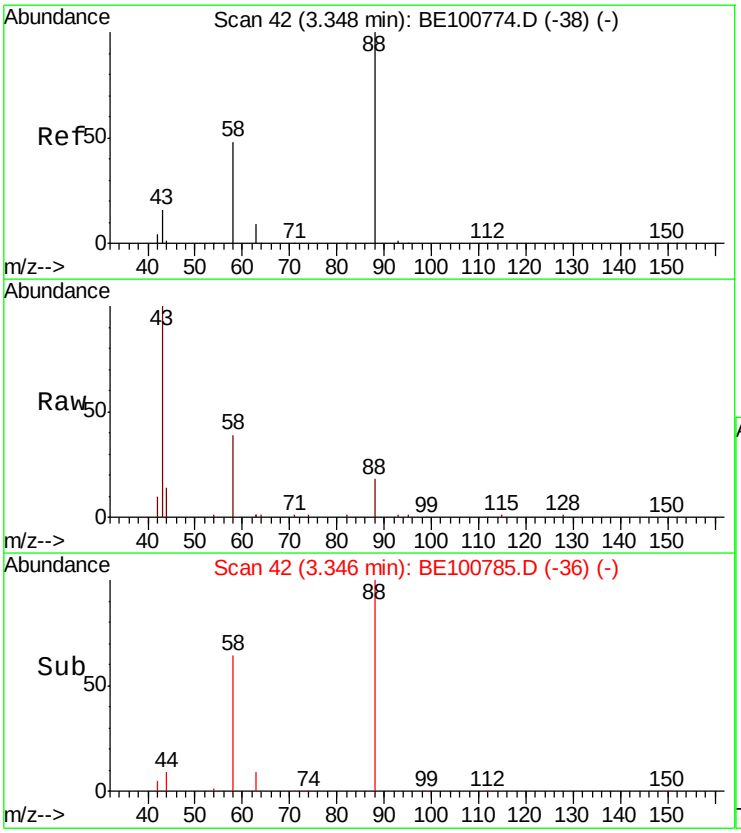
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6410

Ion	Ratio	Lower	Upper
152	100		
150	152.5	120.6	181.0
115	59.3	47.4	71.2

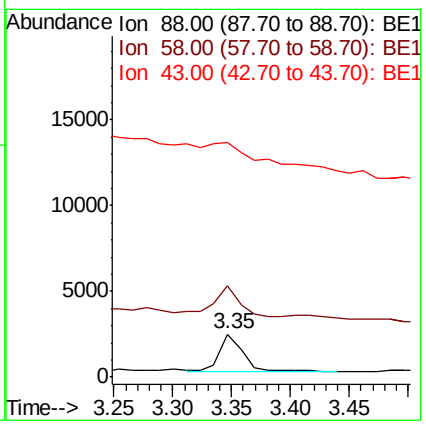


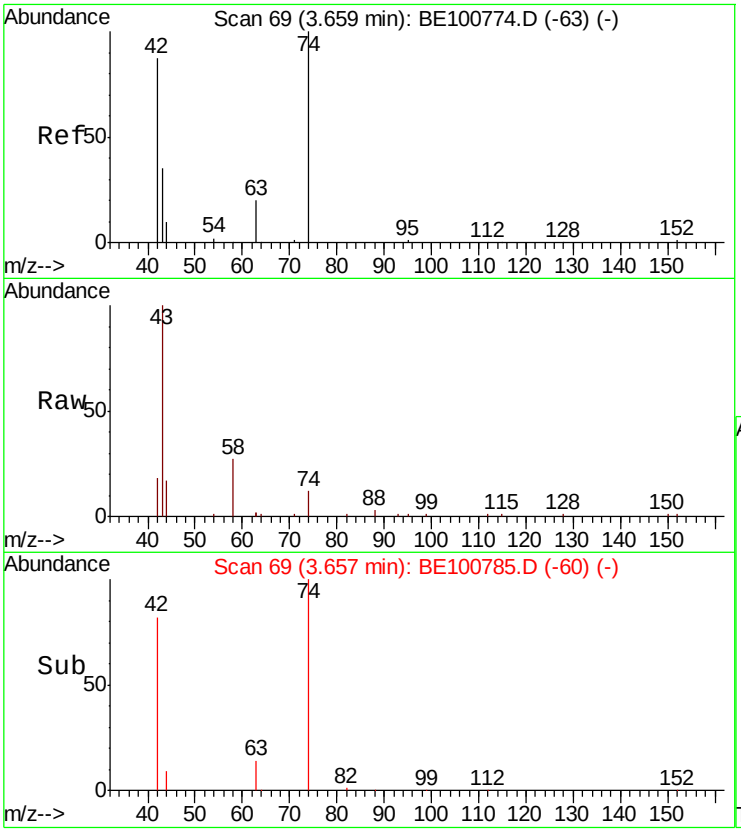


#2
1,4-Dioxane
Concen: 0.257 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion: 88 Resp: 3009

Ion	Ratio	Lower	Upper
88	100		
58	76.7	52.5	78.7
43	0.0	23.0	34.6#



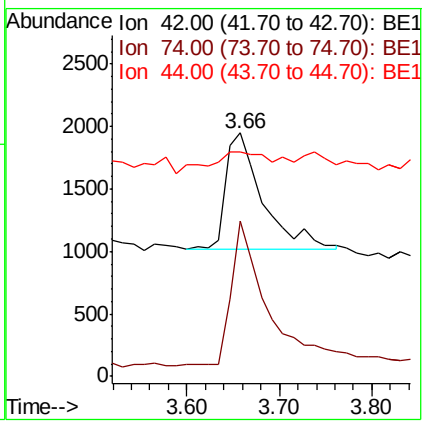


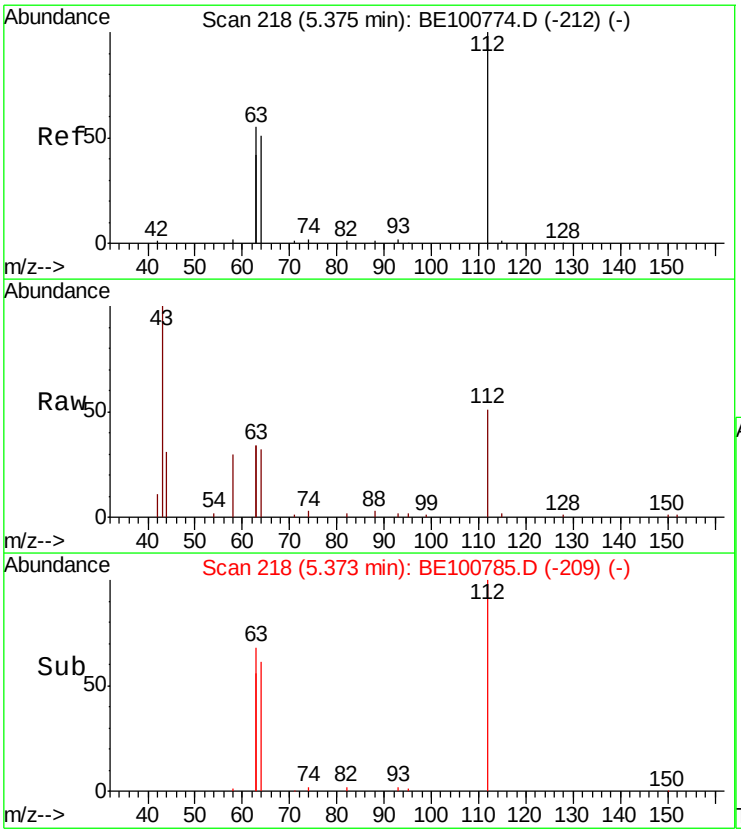
#3
n-Nitrosodimethylamine
Concen: 0.271 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2575

Ion	Ratio	Lower	Upper
42	100		
74	121.8	86.3	129.5
44	33.8	11.6	17.4#

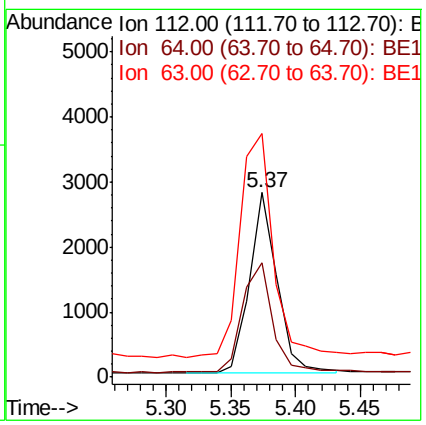


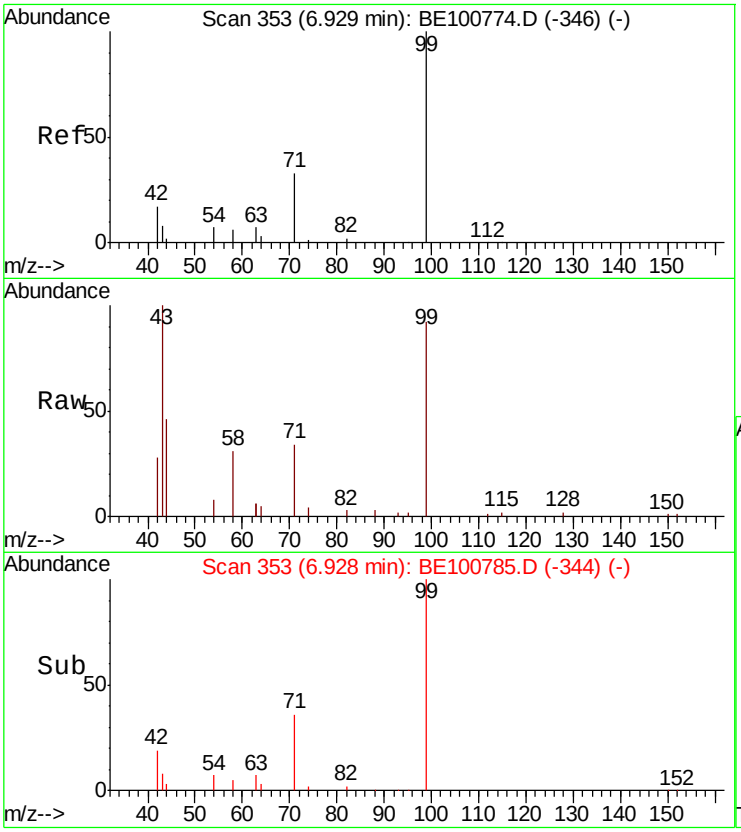


#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:112 Resp: 4158

Ion	Ratio	Lower	Upper
112	100		
64	67.0	54.1	81.1
63	147.8	113.2	169.8



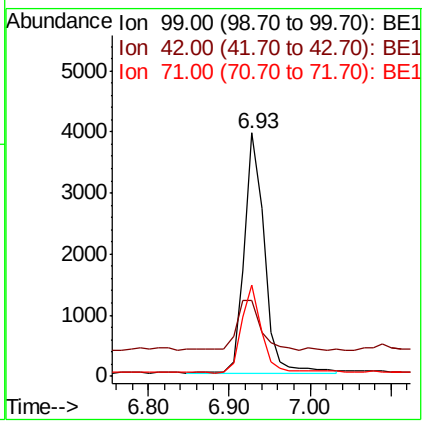


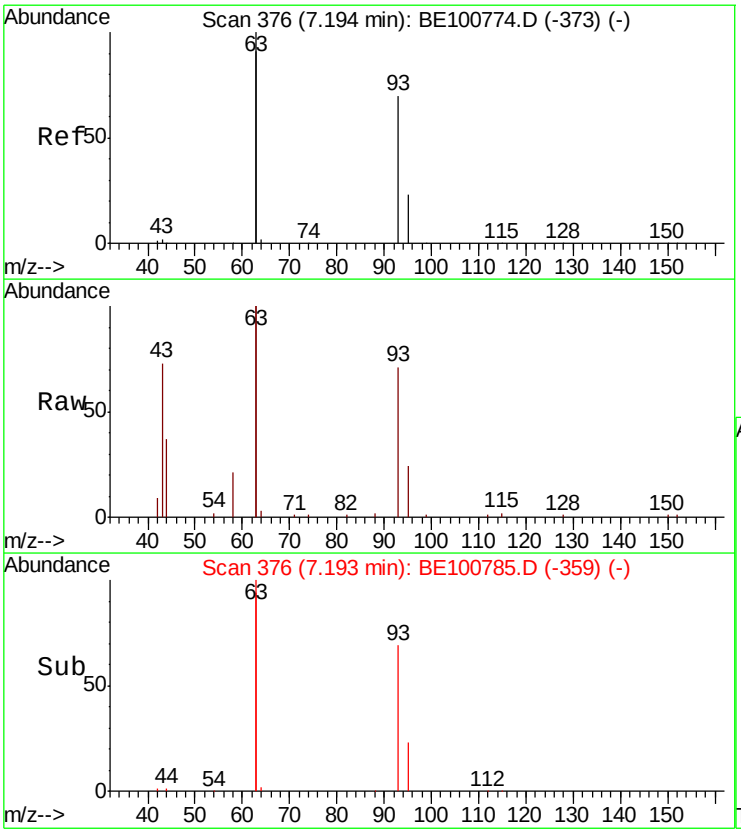
#5
Phenol-d6
Concen: 0.291 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6693

Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.1	28.7
71	37.3	27.7	41.5

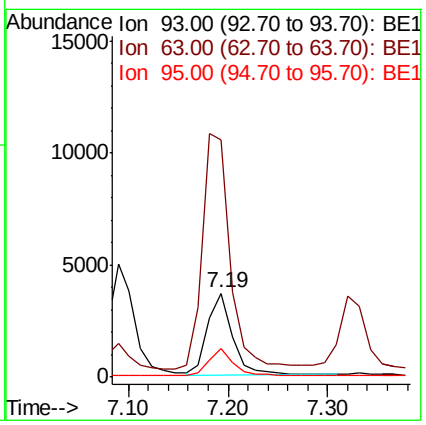


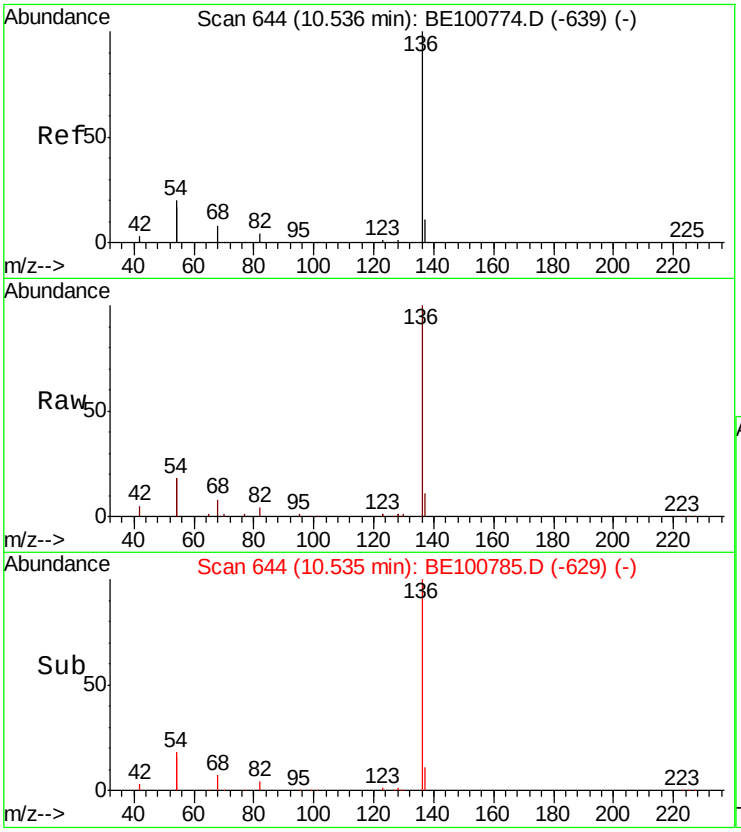


#6
bis(2-Chloroethyl)ether
Concen: 0.286 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion: 93 Resp: 6355

Ion	Ratio	Lower	Upper
93	100		
63	318.3	259.4	389.0
95	32.2	26.2	39.2



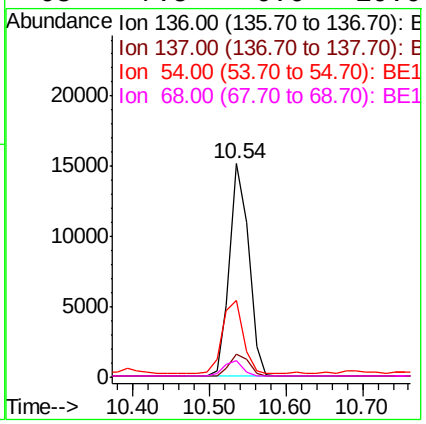


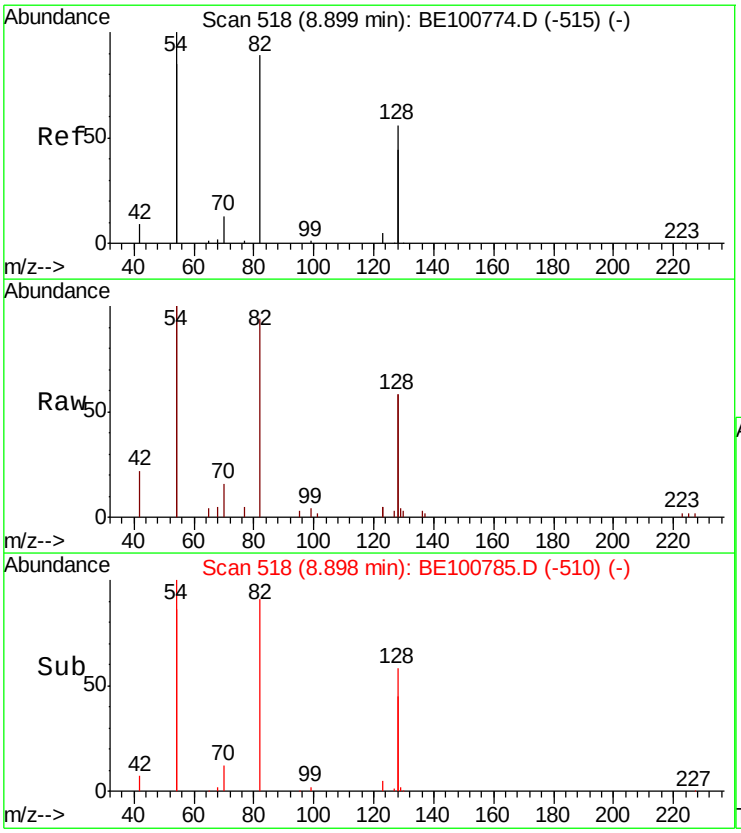
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 26514

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	35.7	31.1	46.7
68	7.5	6.6	10.0

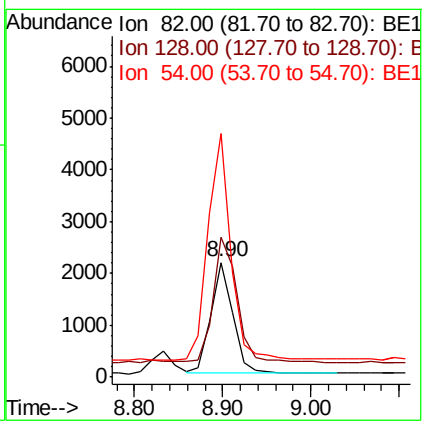


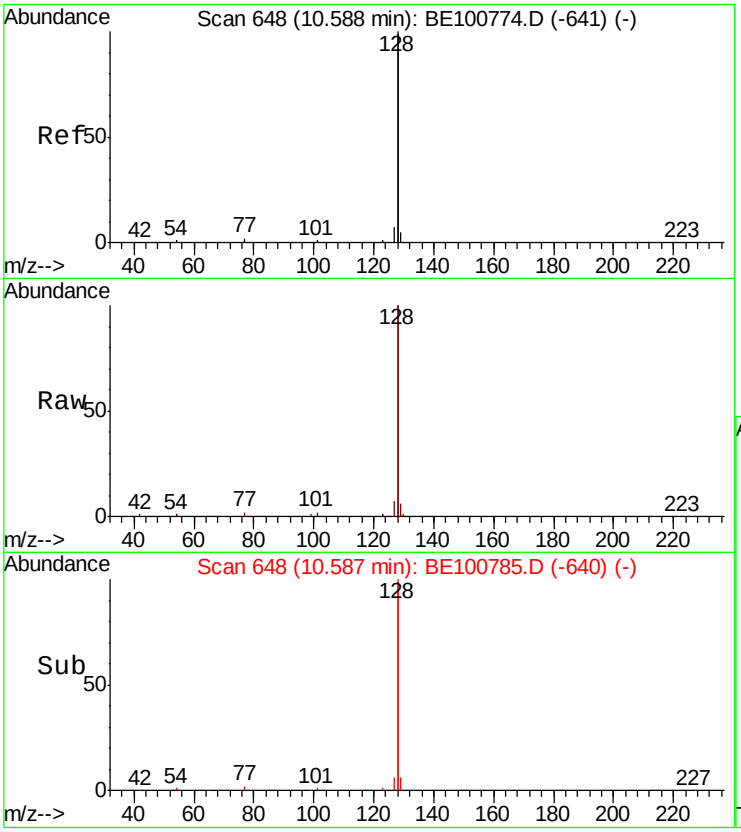


#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion: 82 Resp: 3663

Ion	Ratio	Lower	Upper
82	100		
128	122.5	97.0	145.4
54	212.8	171.8	257.6



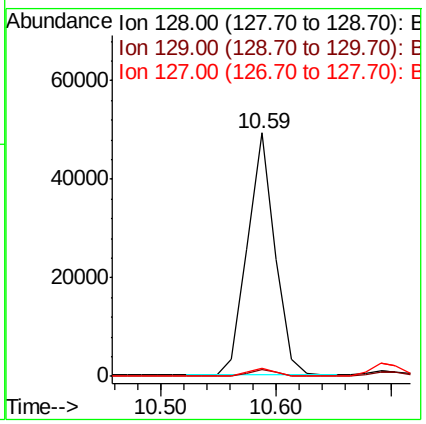


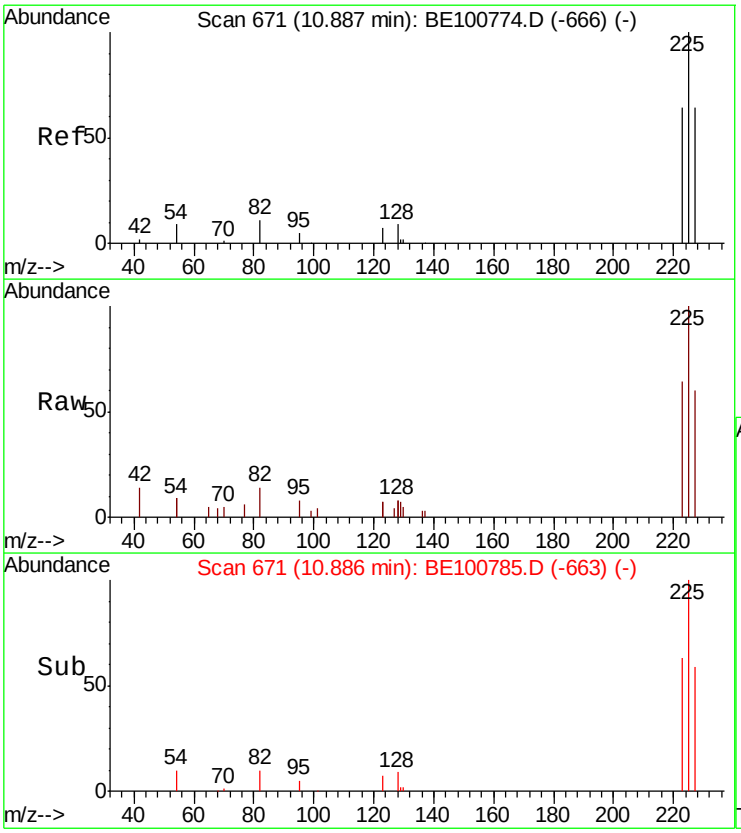
#9
Naphthalene
Concen: 0.291 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 81872

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.3	2.7	4.1

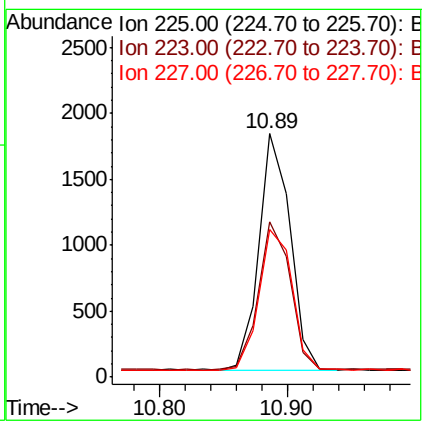


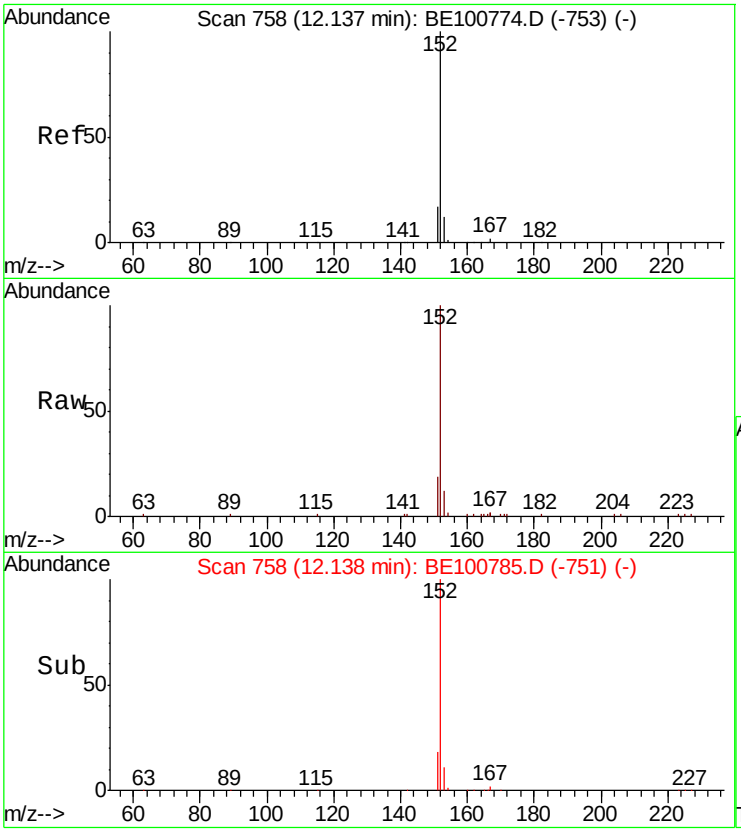


#10
Hexachlorobutadiene
Concen: 0.277 ng
RT: 10.89 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:225 Resp: 3047

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	62.9	52.2	78.4



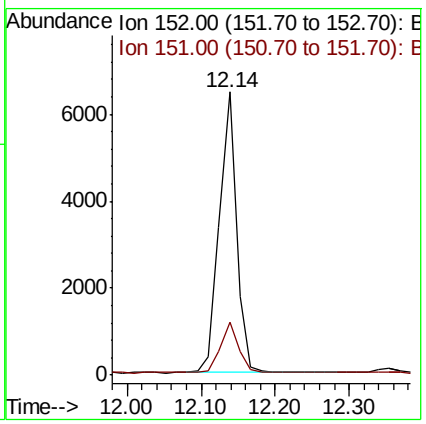


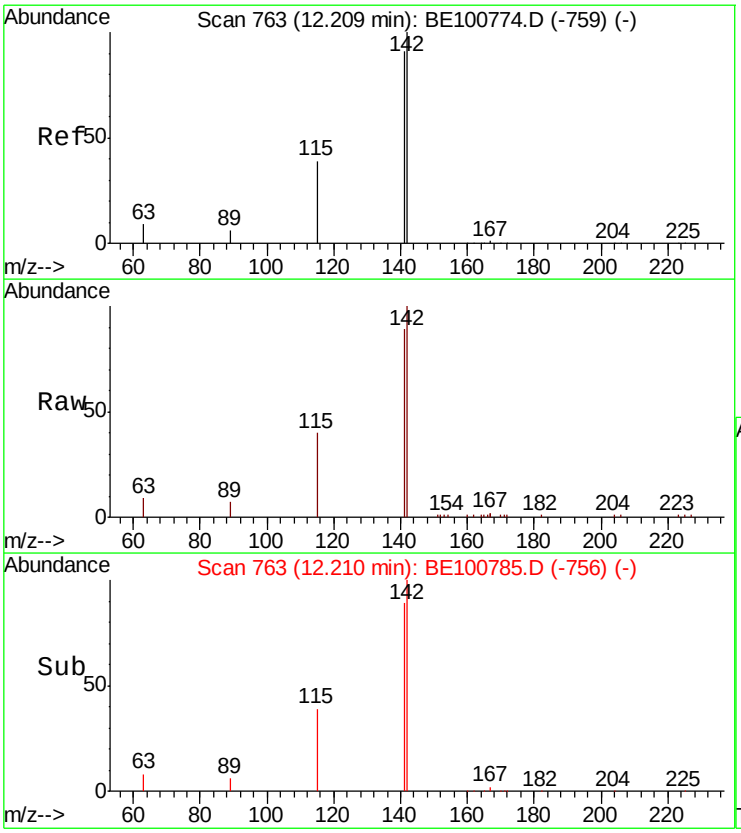
#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10546

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.8

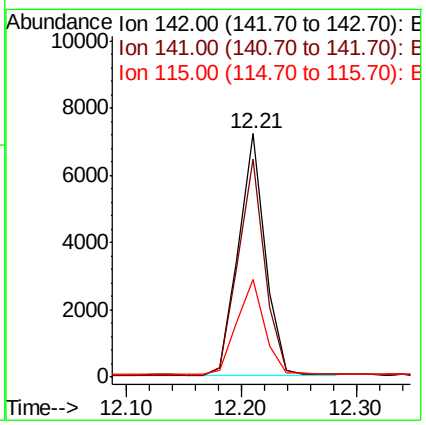


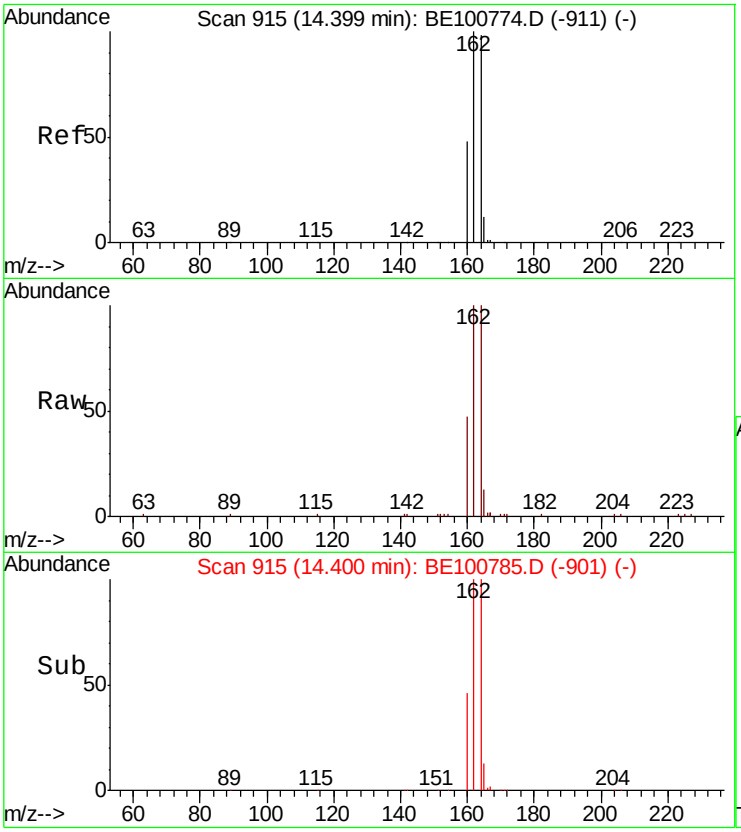


#12
2-Methylnaphthalene
Concen: 0.263 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:142 Resp: 11584

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8
115	40.1	31.8	47.6



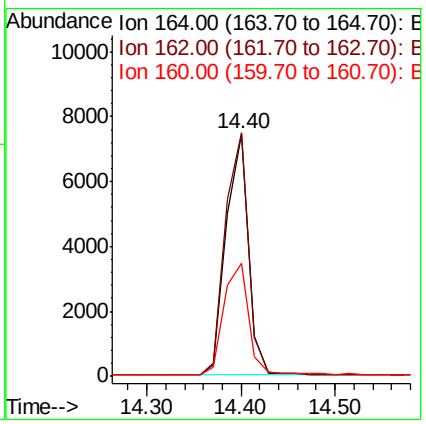


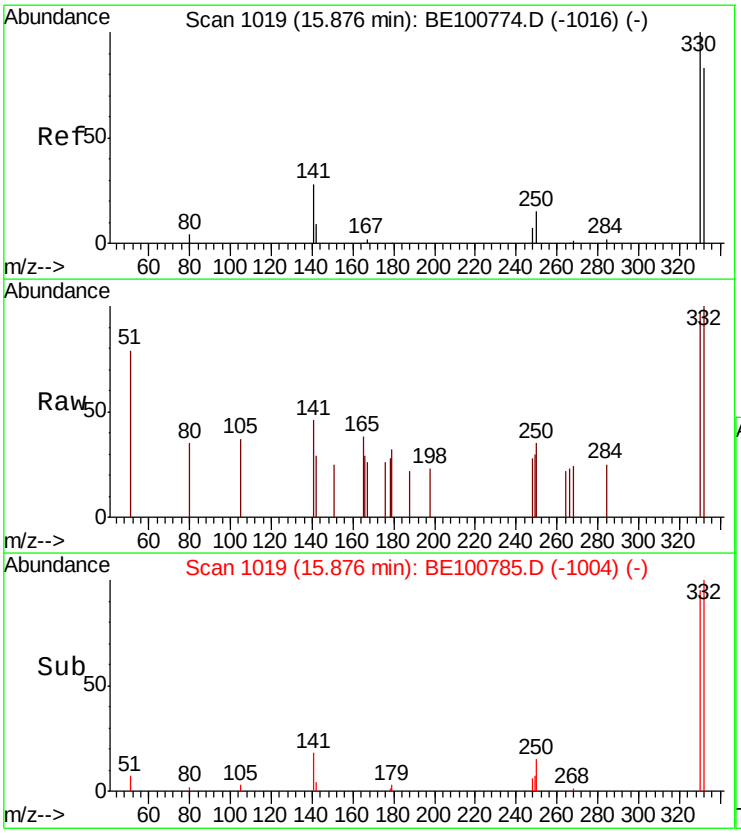
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12057

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	46.8	39.4	59.0

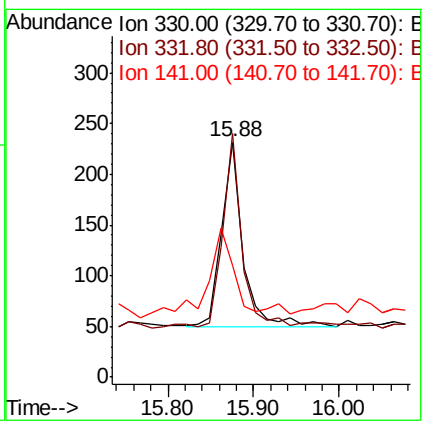


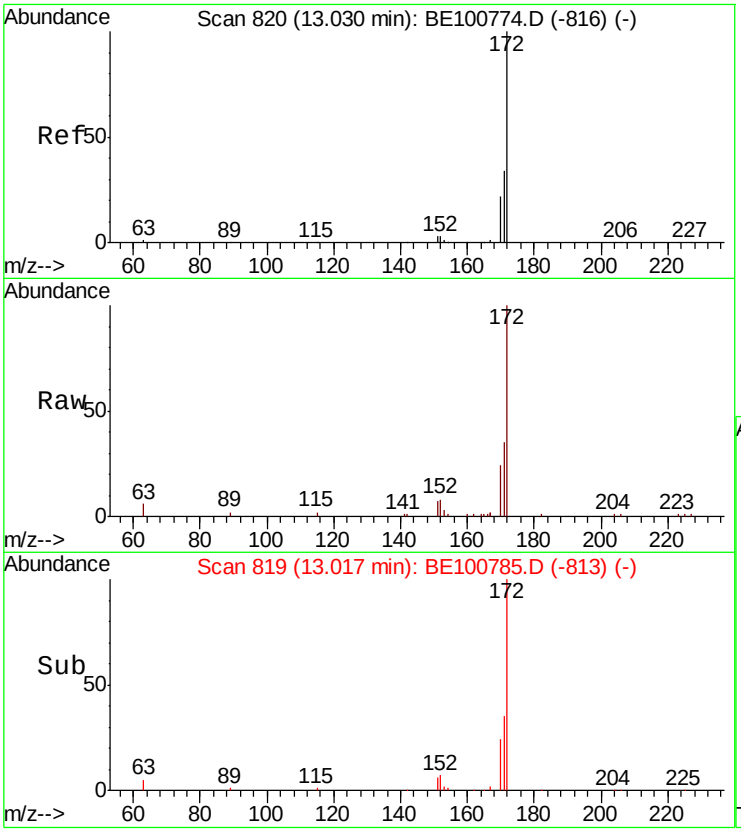


#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:330 Resp: 313

Ion	Ratio	Lower	Upper
330	100		
332	101.0	69.4	104.2
141	61.3	51.1	76.7



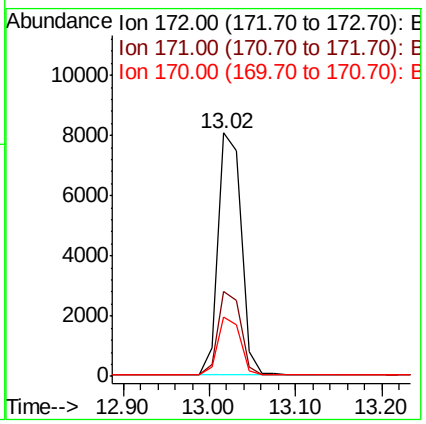


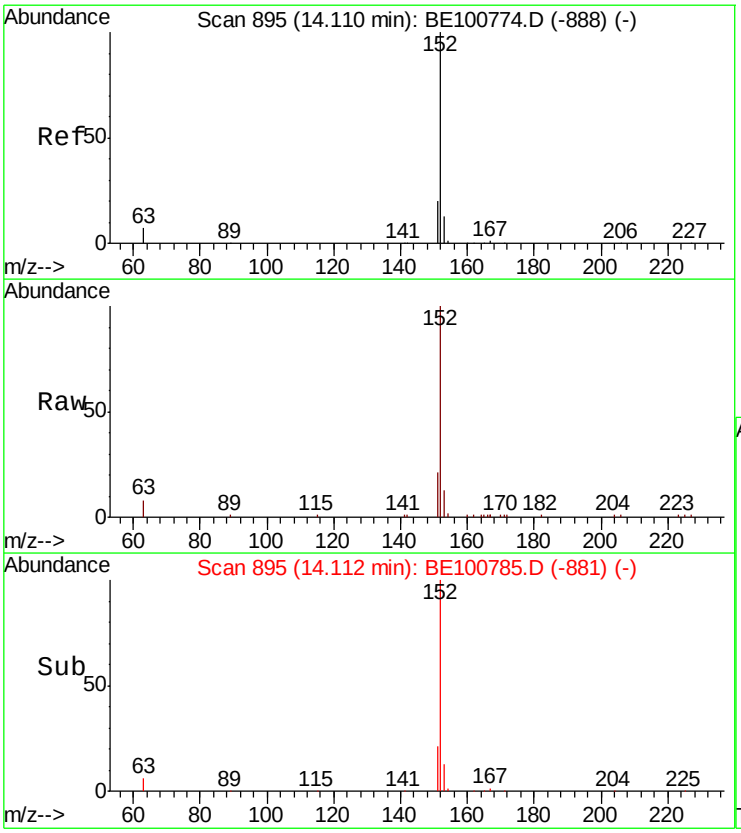
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14963

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.2	40.8
170	24.4	18.0	27.0

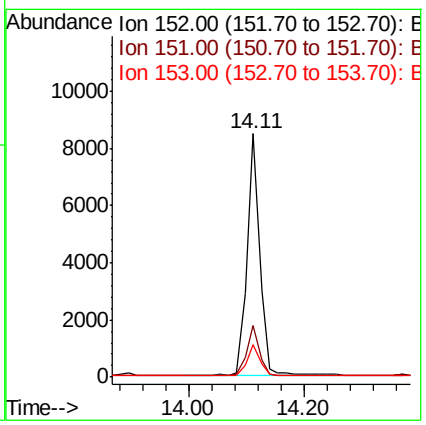


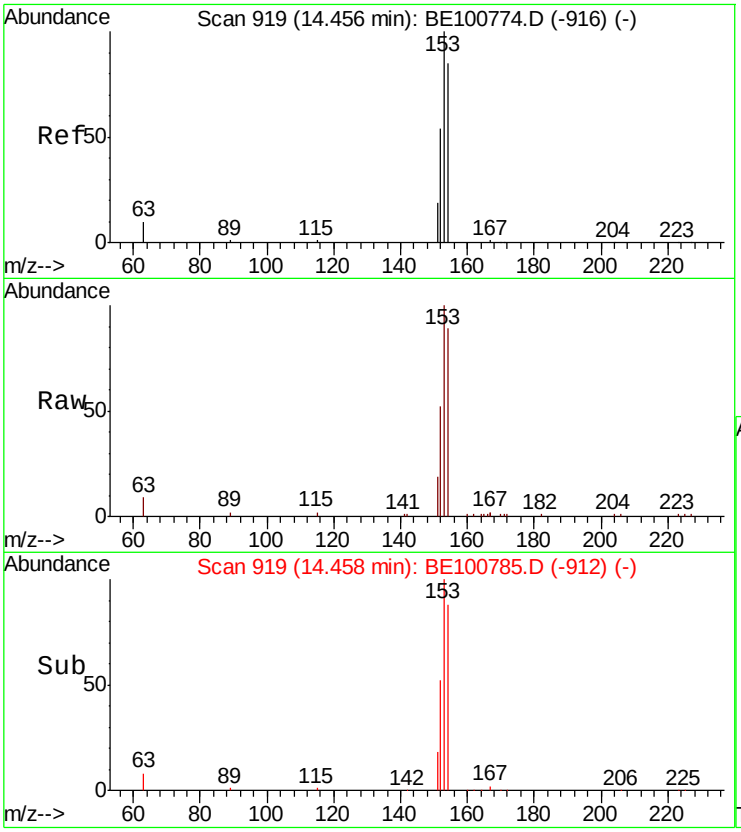


#16
Acenaphthylene
Concen: 0.261 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:152 Resp: 13029

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	12.7	10.4	15.6



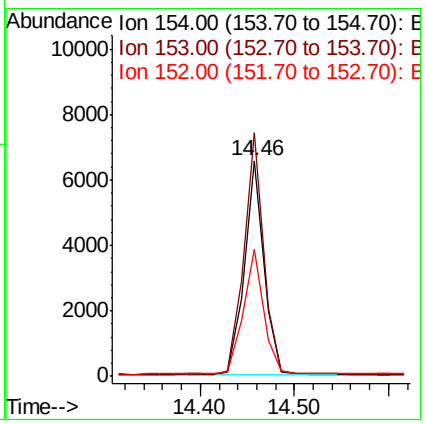


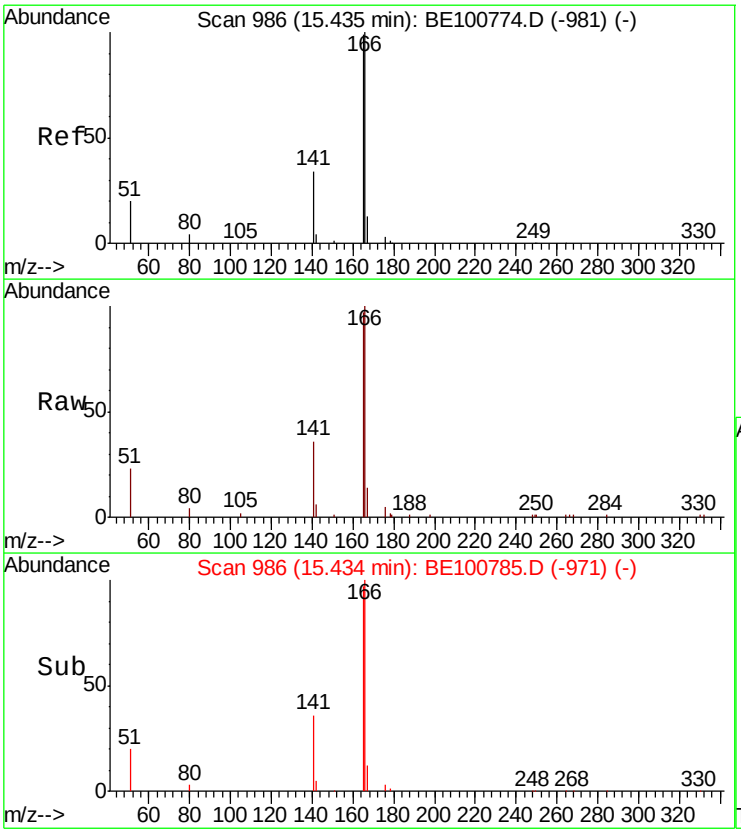
#17
Acenaphthene
Concen: 0.276 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9494

Ion	Ratio	Lower	Upper
154	100		
153	113.6	92.2	138.2
152	61.6	49.1	73.7

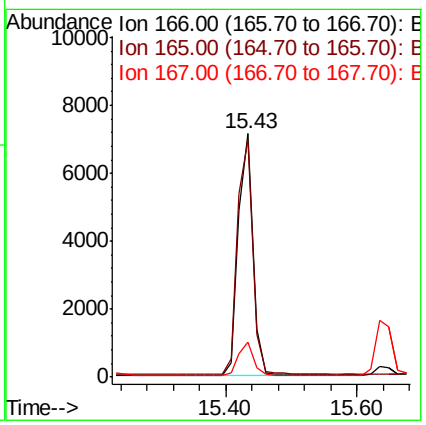


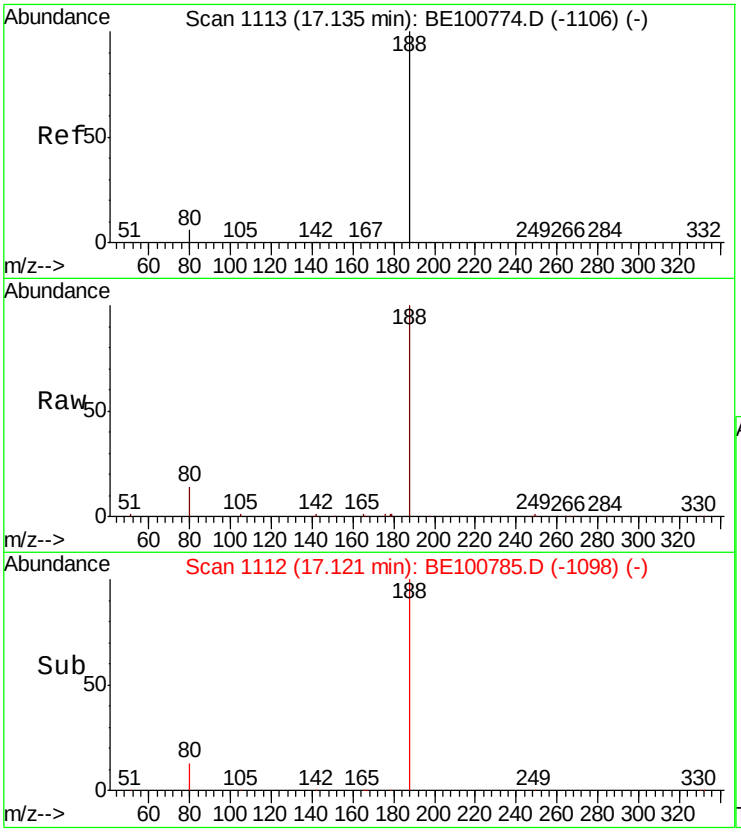


#18
Fluorene
Concen: 0.253 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:166 Resp: 11217

Ion	Ratio	Lower	Upper
166	100		
165	101.4	80.5	120.7
167	13.6	10.7	16.1



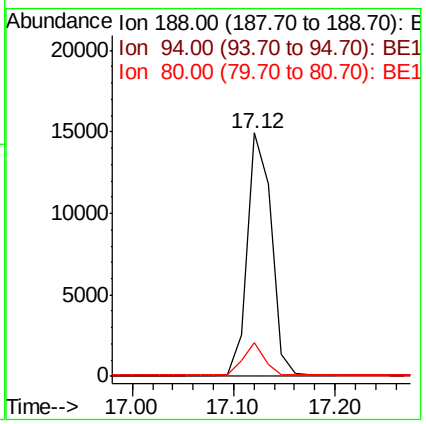


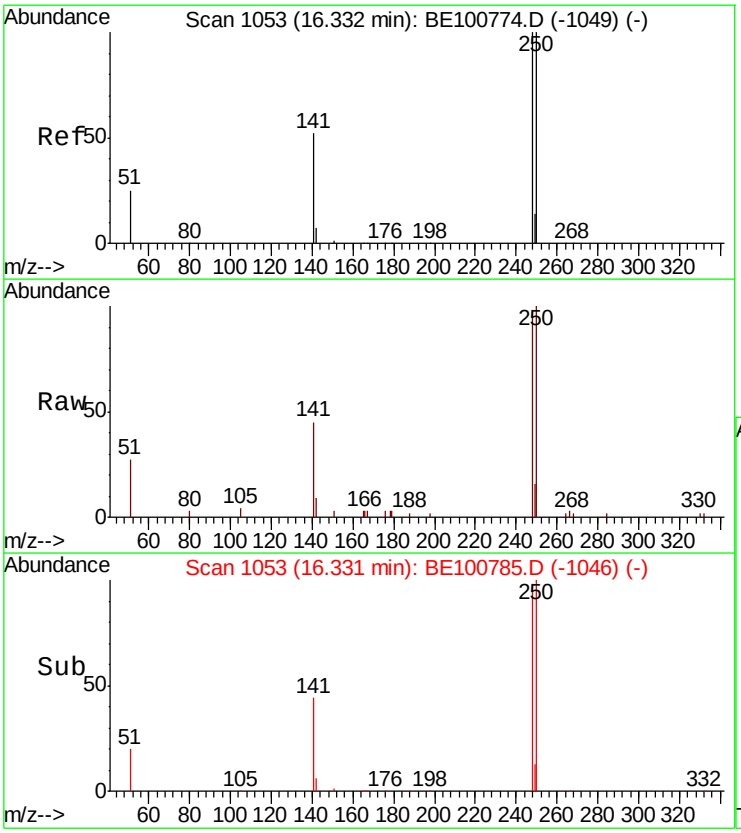
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24732

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	5.2	7.8#

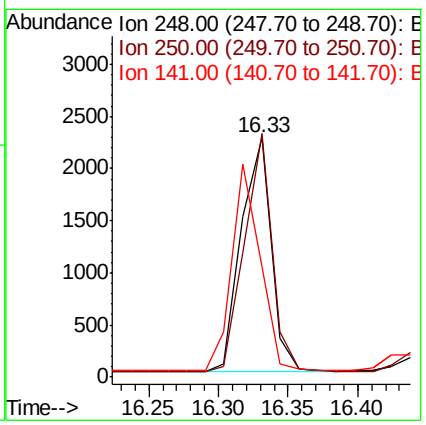


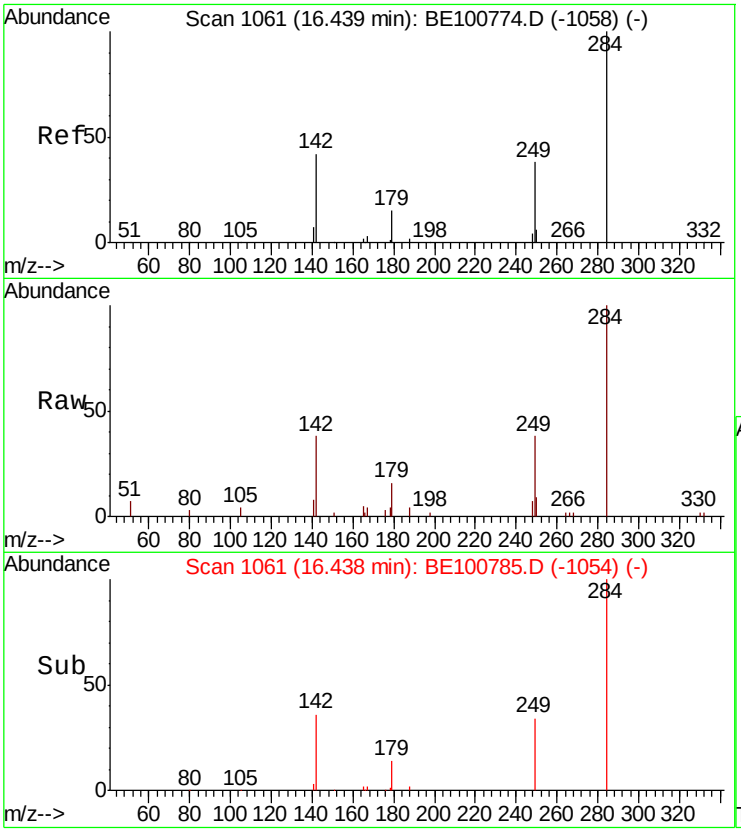


#20
4-Bromophenyl-phenylether
Concen: 0.276 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:248 Resp: 3354

Ion	Ratio	Lower	Upper
248	100		
250	101.6	80.5	120.7
141	46.1	42.6	64.0



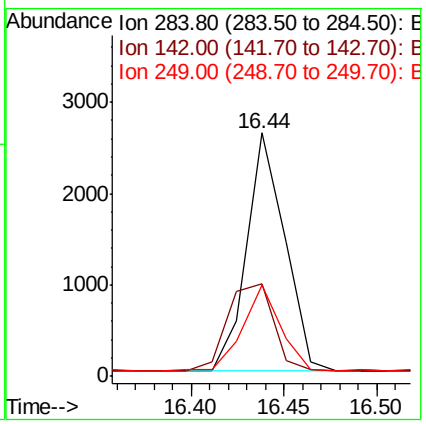


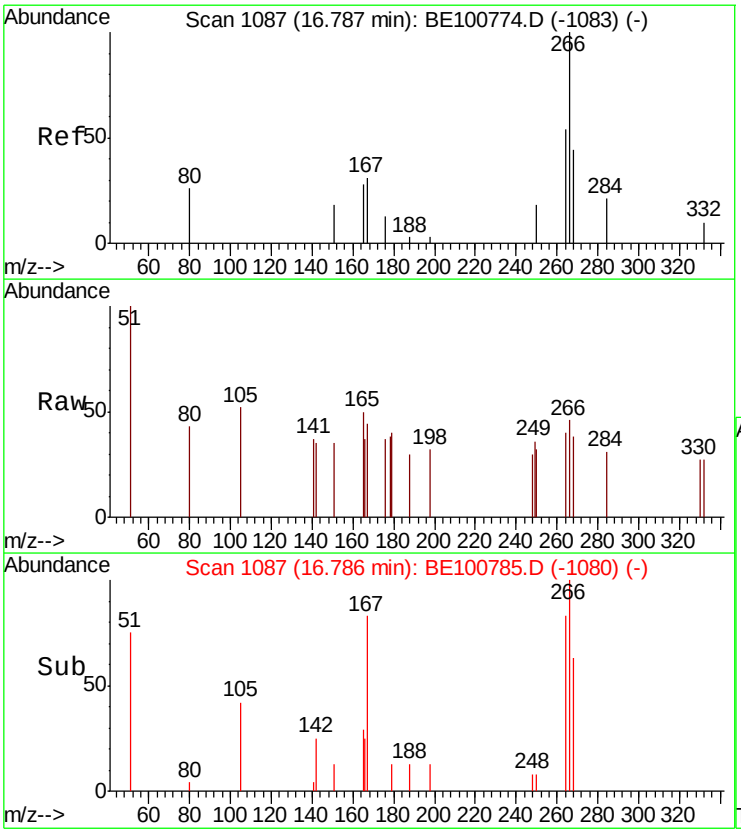
#21
Hexachlorobenzene
Concen: 0.286 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3764

Ion	Ratio	Lower	Upper
284	100		
142	43.5	34.4	51.6
249	35.0	28.5	42.7

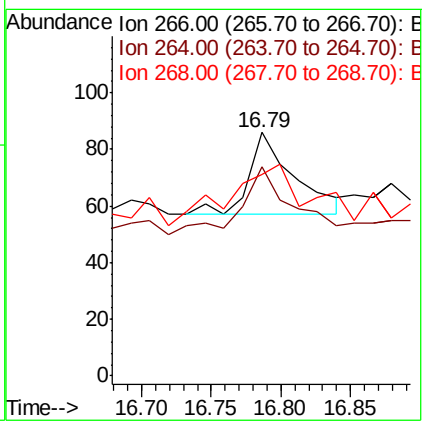


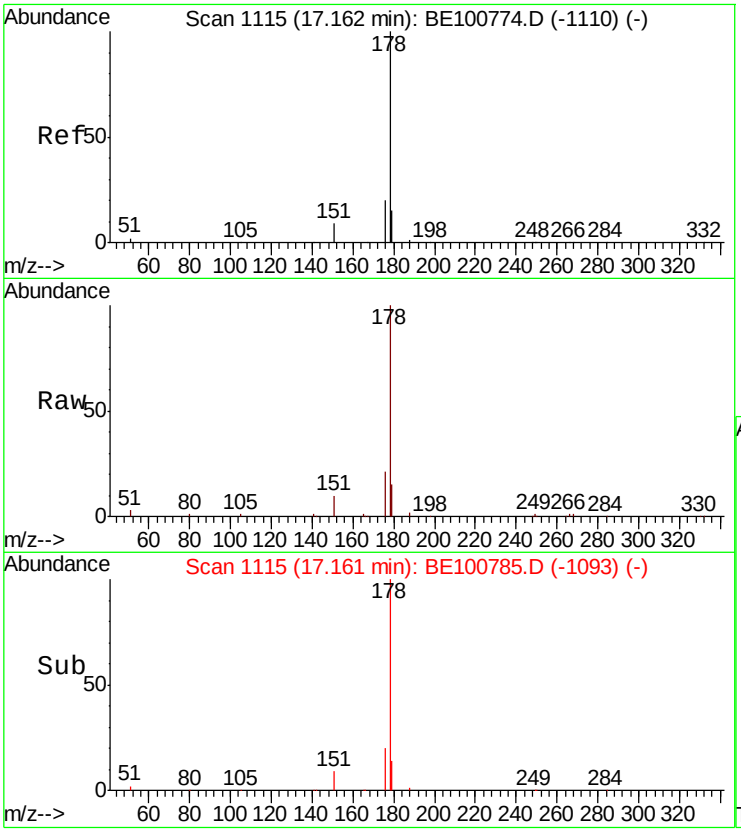


#22
Pentachlorophenol
Concen: 0.073 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:266 Resp: 67

Ion	Ratio	Lower	Upper
266	100		
264	86.0	63.4	95.0
268	82.6	65.8	98.8



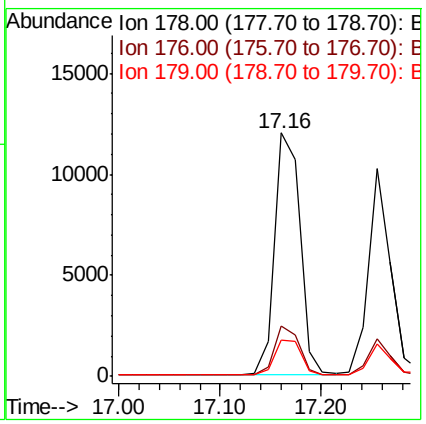


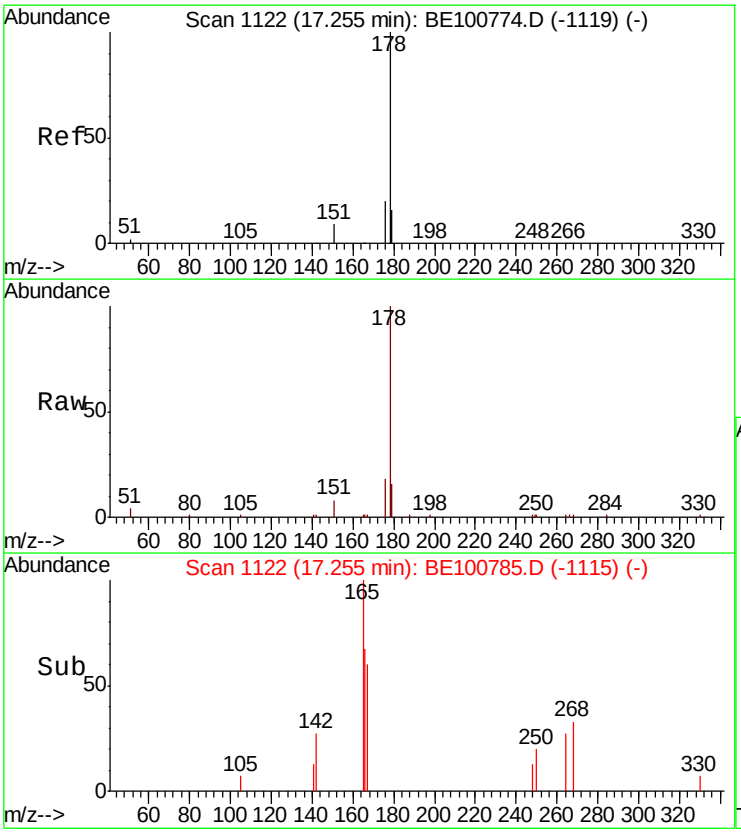
#23
Phenanthrene
Concen: 0.276 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 20674

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.2	12.3	18.5

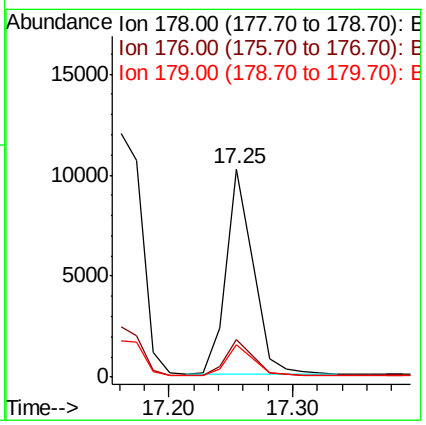


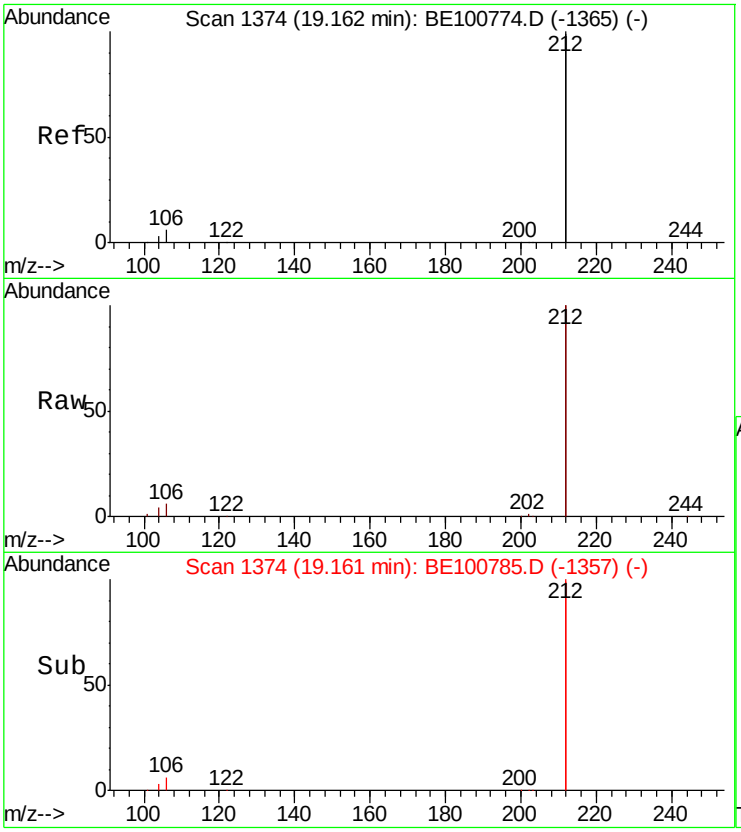


#24
Anthracene
Concen: 0.247 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:178 Resp: 15480

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	15.4	12.7	19.1



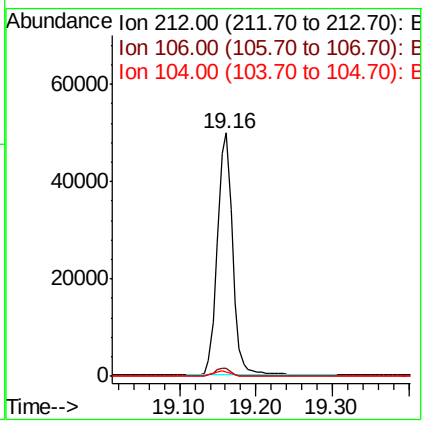


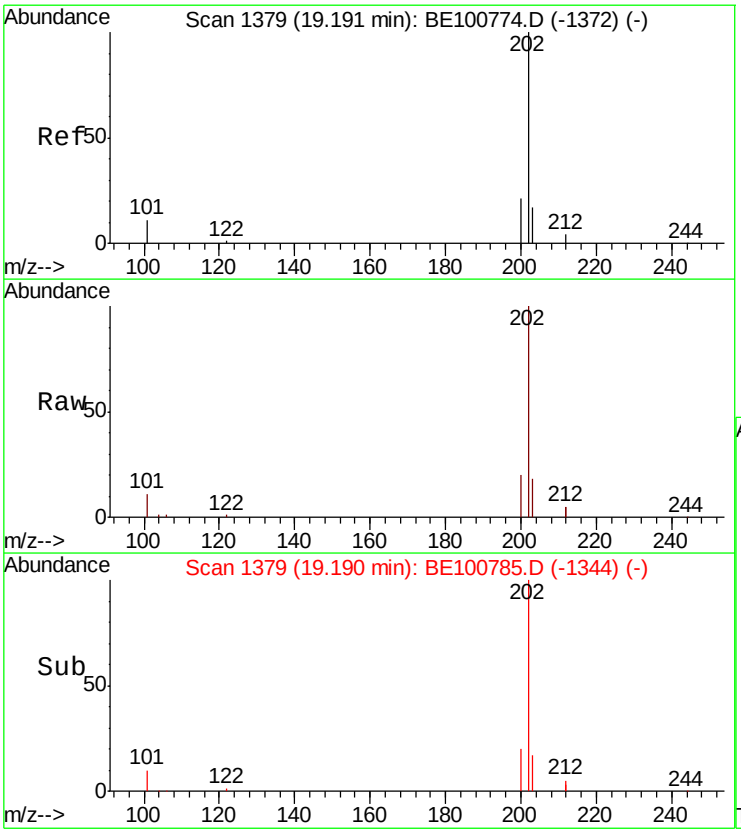
#25
Fluoranthene-d10
Concen: 0.237 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 69148

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.8	1.4	2.2

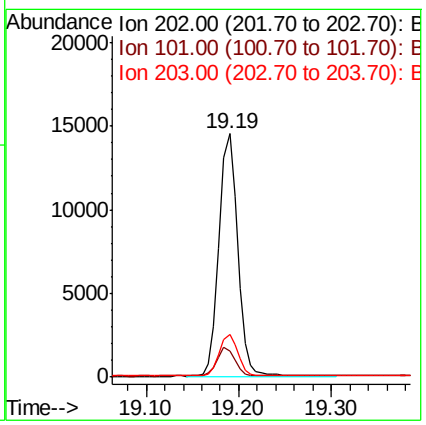


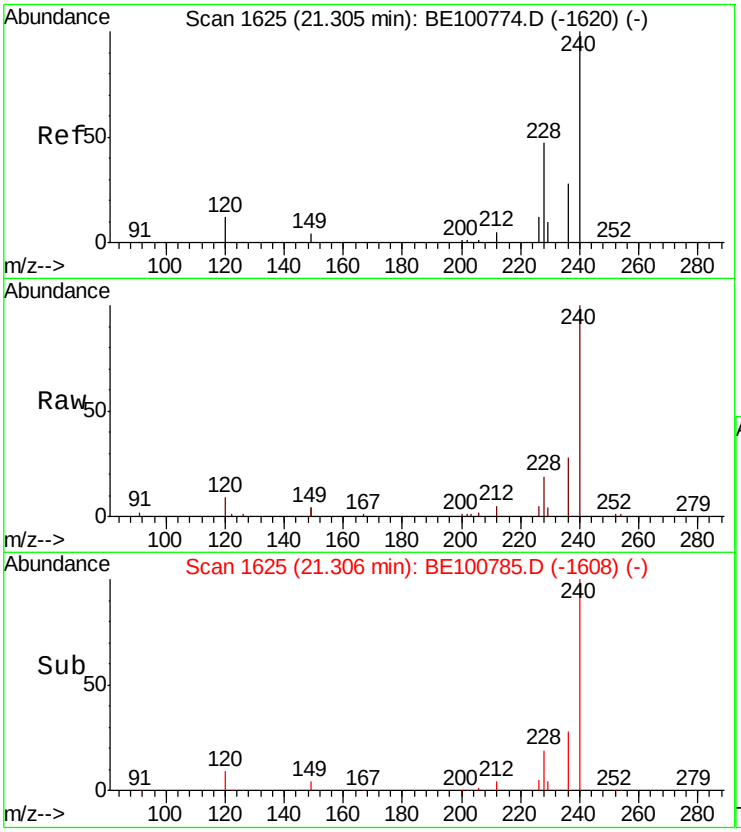


#26
Fluoranthene
Concen: 0.226 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:202 Resp: 20249

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
203	17.4	13.8	20.6



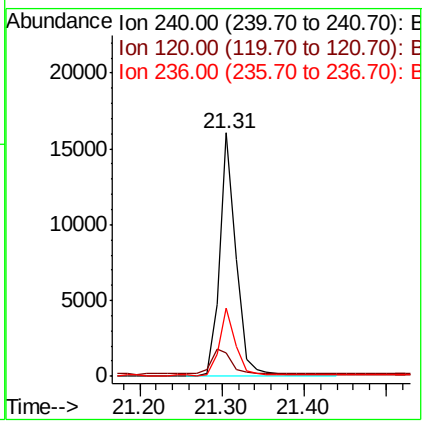


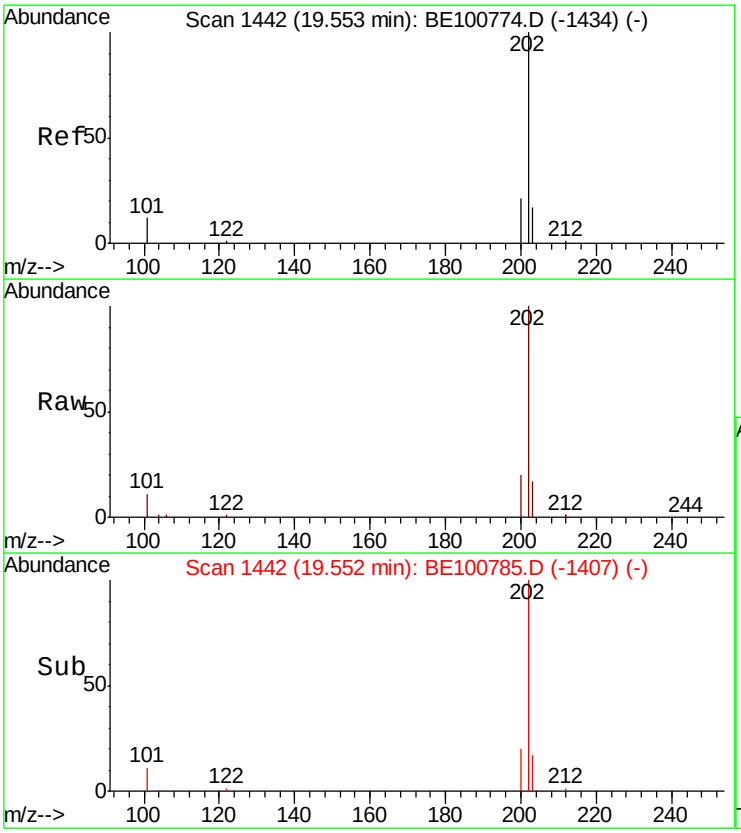
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 22280

Ion	Ratio	Lower	Upper
240	100		
120	9.5	10.2	15.2#
236	28.1	22.3	33.5

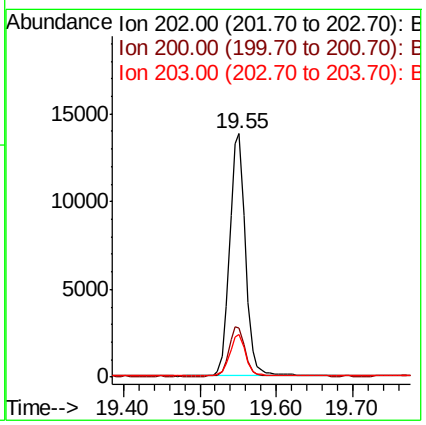


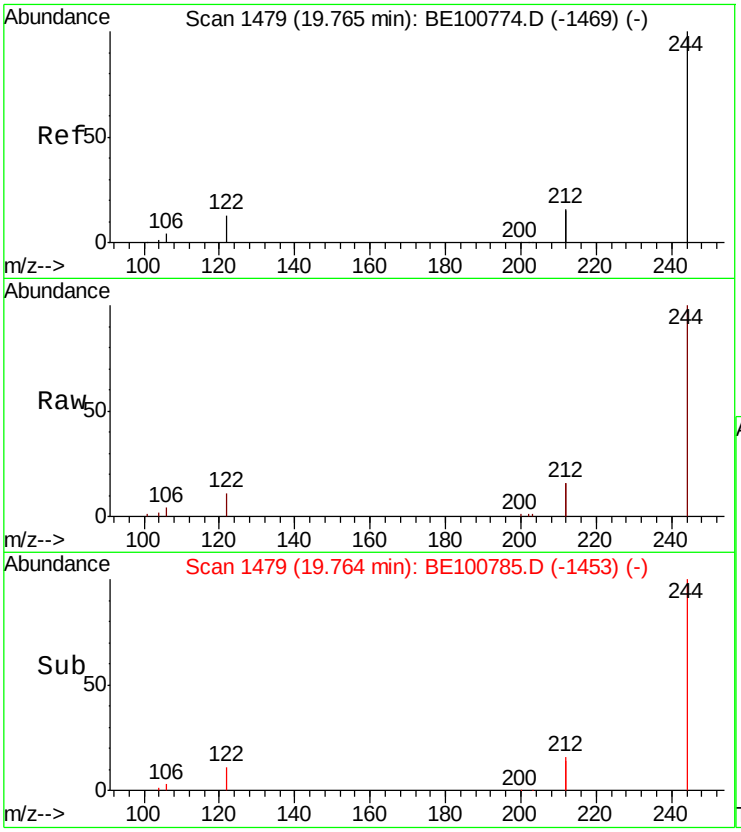


#28
Pyrene
Concen: 0.278 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:202 Resp: 20160

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.4	13.9	20.9



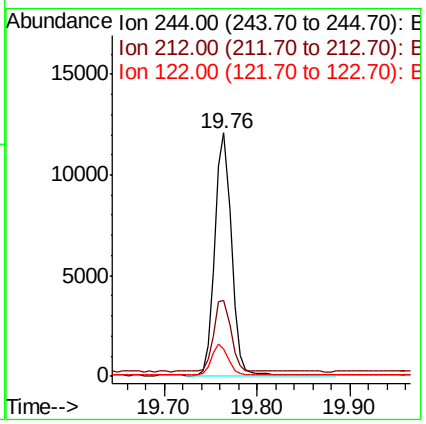


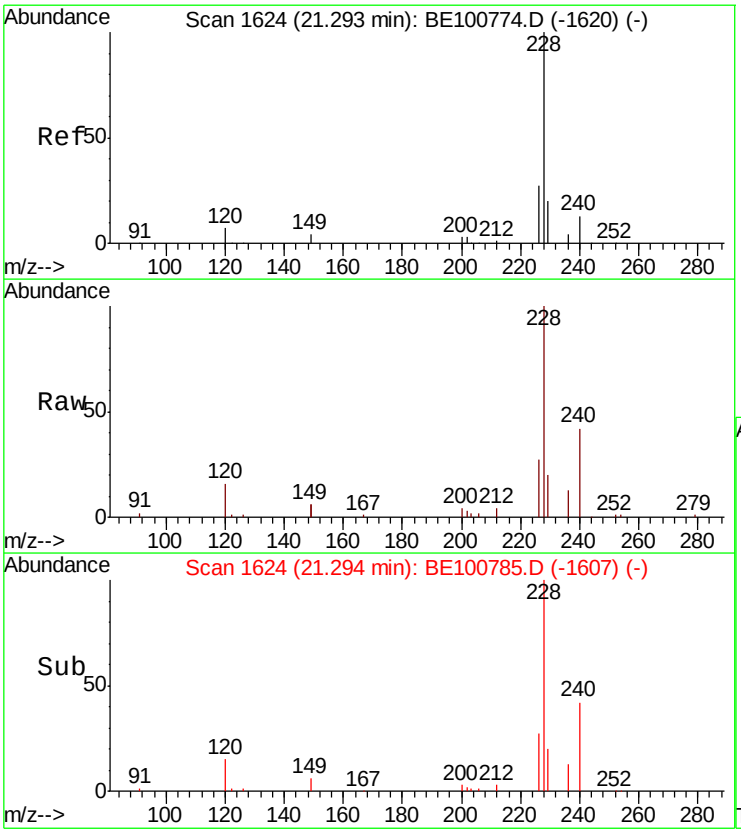
#29
Terphenyl-d14
Concen: 0.278 ng
RT: 19.76 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14859

Ion	Ratio	Lower	Upper
244	100		
212	31.4	26.2	39.4
122	11.1	10.2	15.4

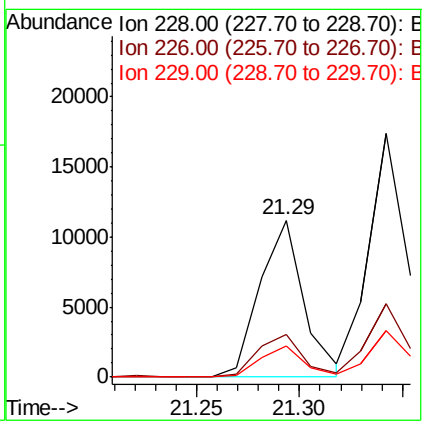


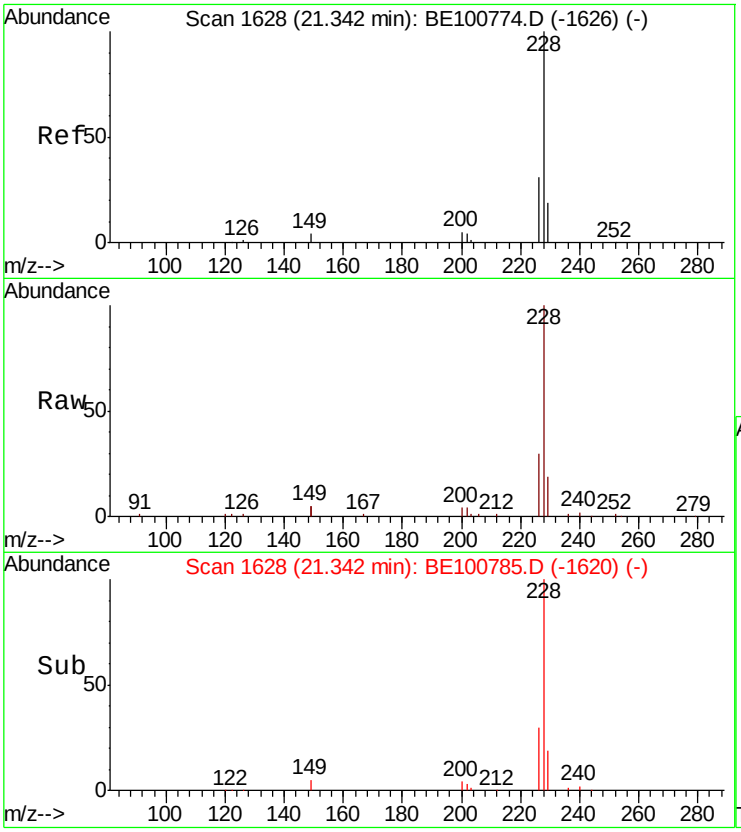


#30
Benzo(a)anthracene
Concen: 0.251 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:228 Resp: 16495

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	20.0	16.0	24.0



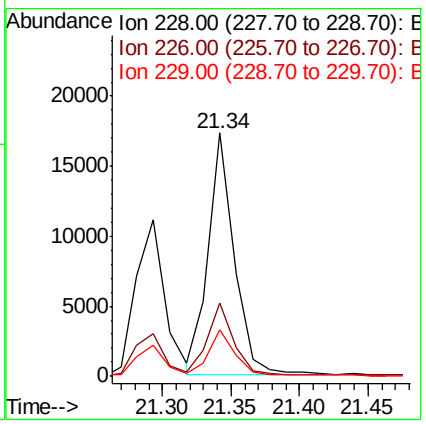


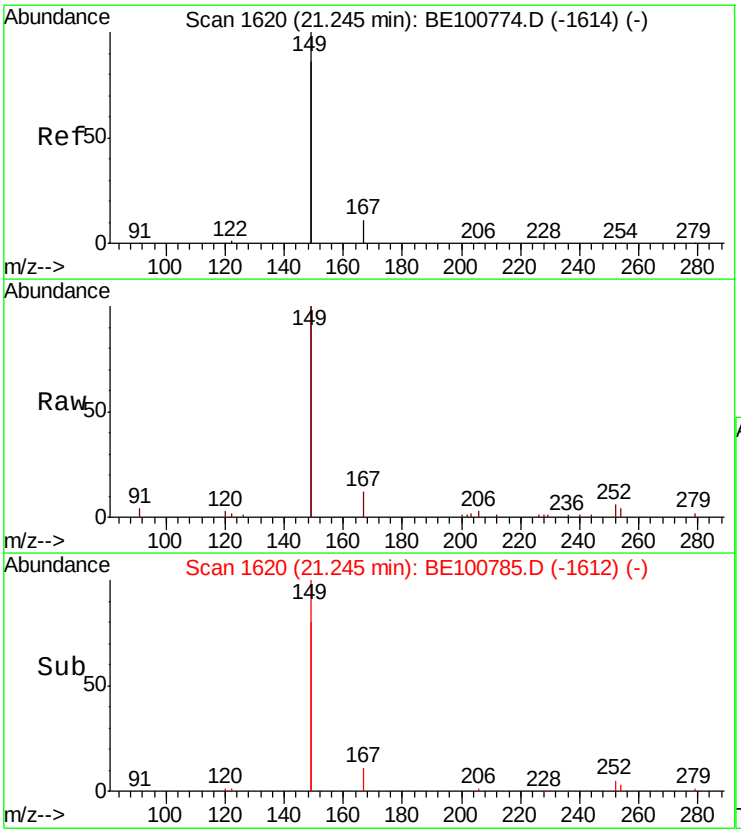
#31
Chrysene
Concen: 0.293 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 22612

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	19.1	15.4	23.2

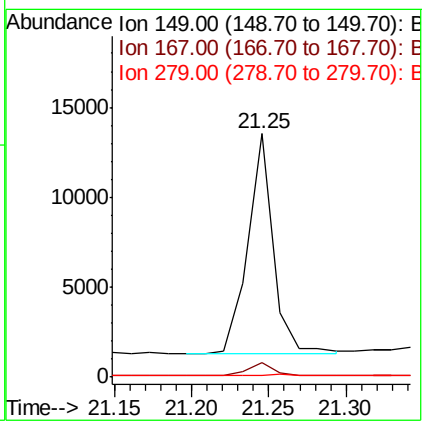


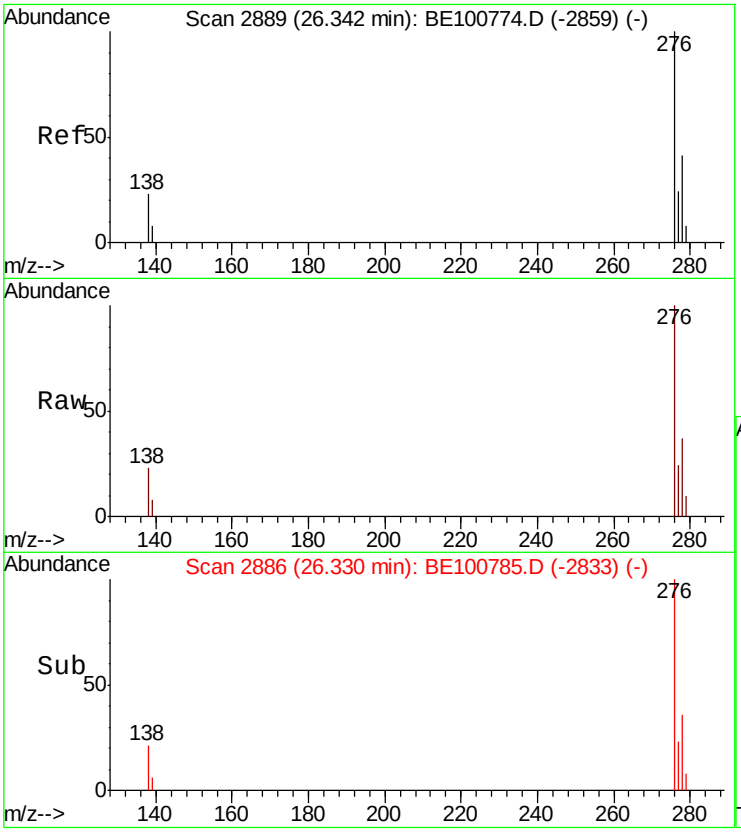


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:149 Resp: 14073

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.0	7.6
279	0.8	0.7	1.1



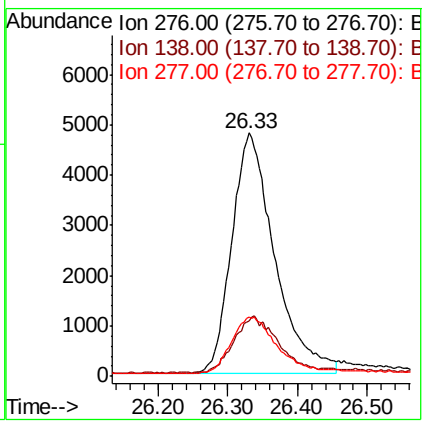


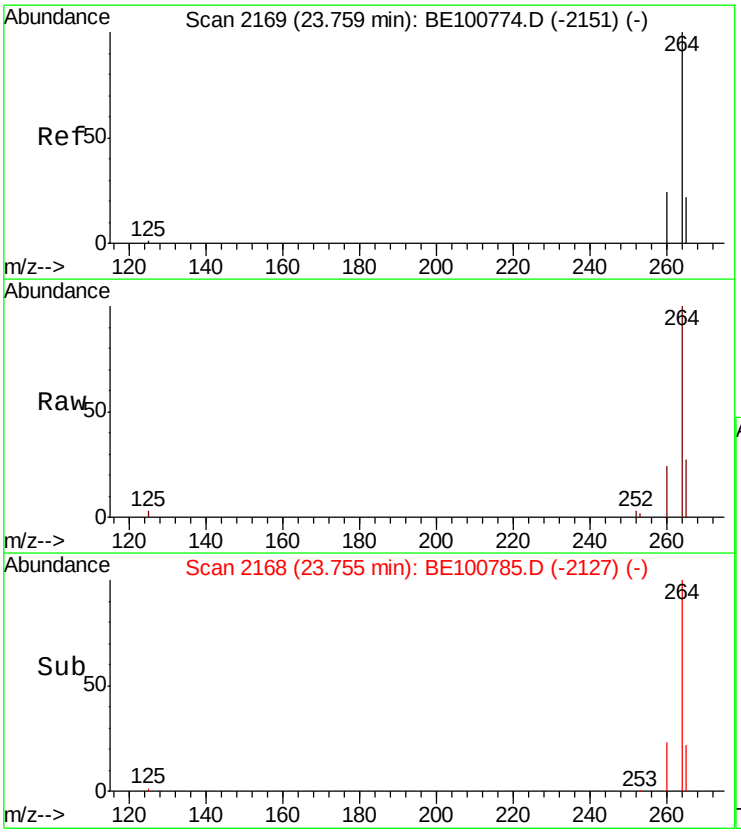
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng
RT: 26.33 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20454

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	25.0	19.8	29.6

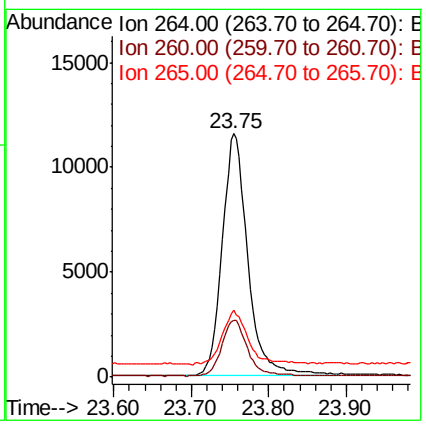


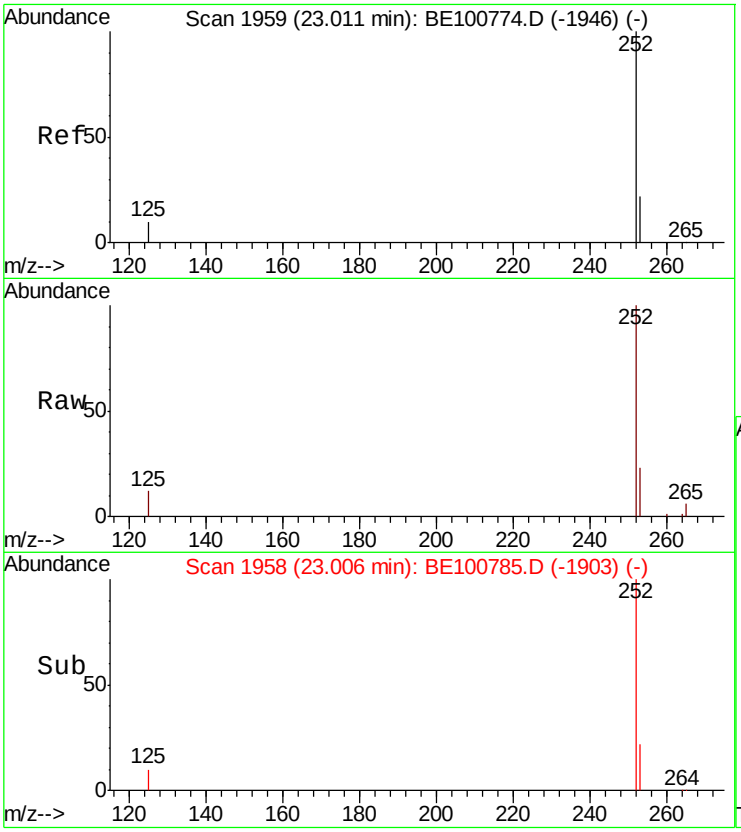


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:264 Resp: 26643

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	27.4	21.8	32.8



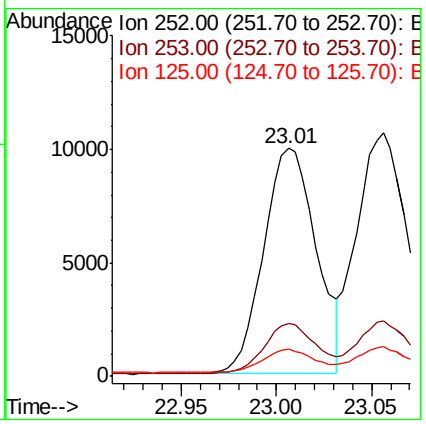


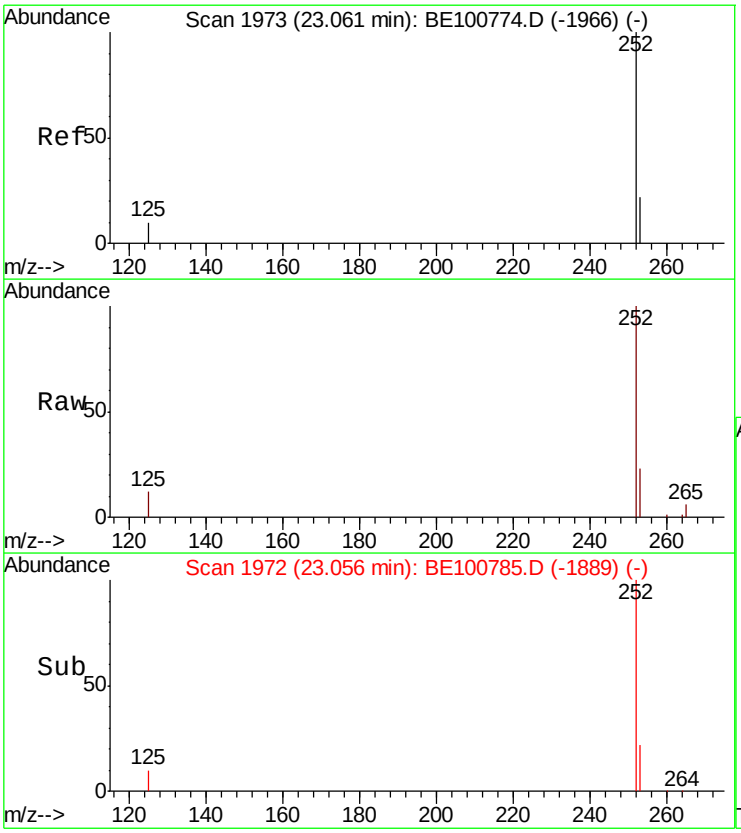
#35
Benzo(b)fluoranthene
Concen: 0.263 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19163

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	12.0	9.0	13.4

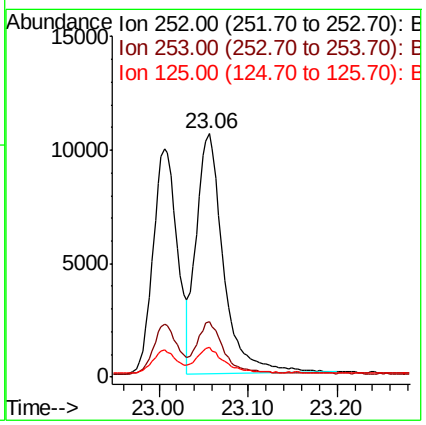


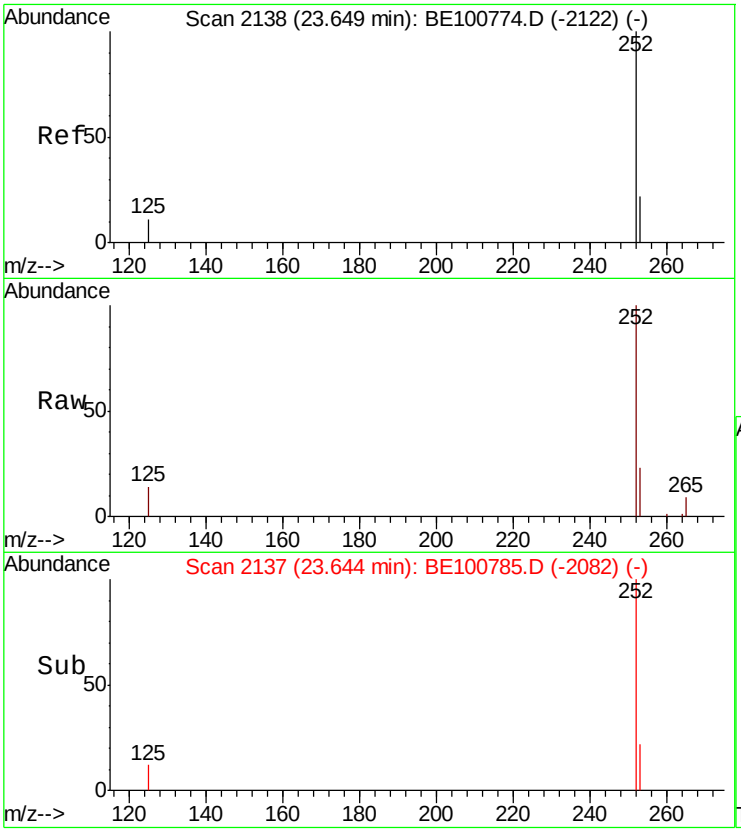


#36
Benzo(k)fluoranthene
Concen: 0.272 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:252 Resp: 22275

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.1	8.7	13.1



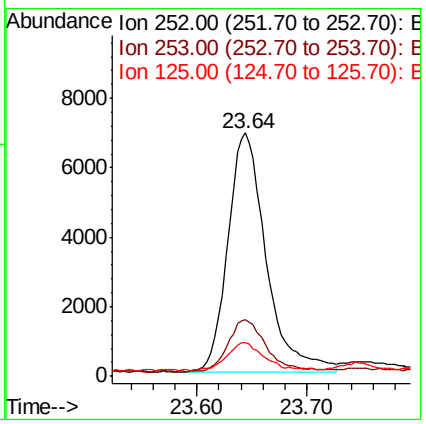


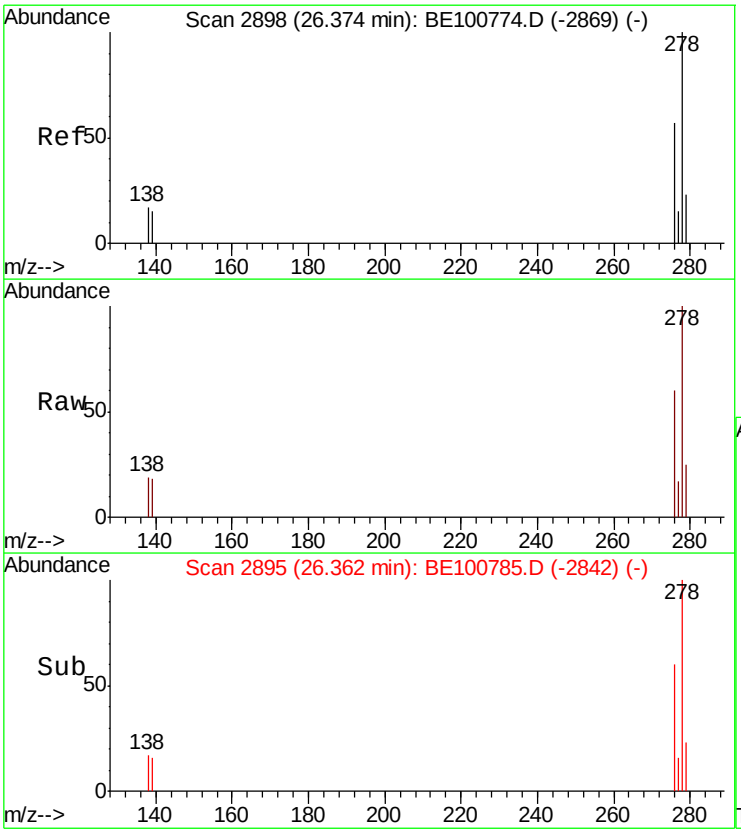
#37
Benzo(a)pyrene
Concen: 0.262 ng
RT: 23.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16522

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	13.8	10.4	15.6

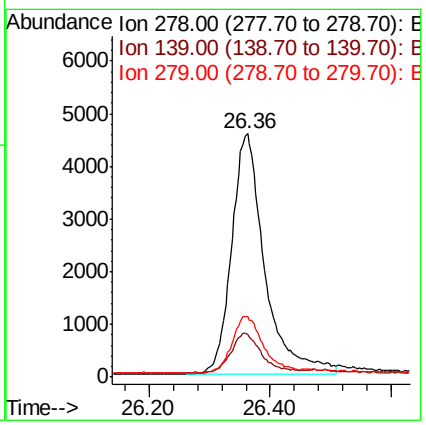


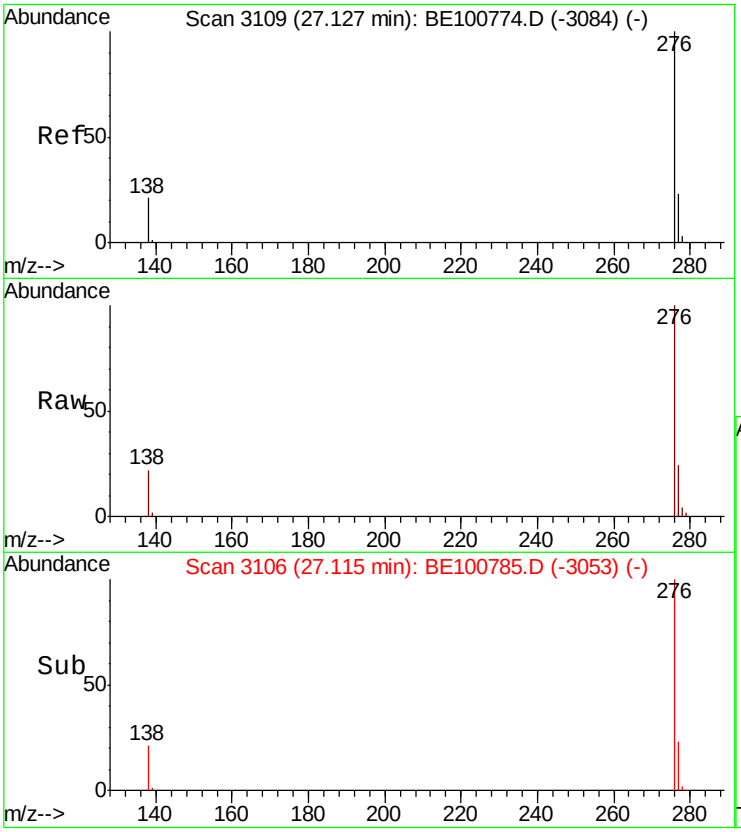


#38
Dibenzo(a,h)anthracene
Concen: 0.275 ng
RT: 26.36 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Tgt Ion:278 Resp: 17287

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.0	19.4
279	24.6	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 0.308 ng
RT: 27.11 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BE100785.D
Acq: 5 Dec 2019 12:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20678

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	21.8	17.8	26.6