Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092619\
Data File : BE100565.D
Acq On : 26 Sep 2019 12:43
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 26 15:20:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6033	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	27055	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	14499	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	29727	0.40	ng		0.00
27) Chrysene-d12	21.37	240	31777	0.40	ng		0.00
34) Perylene-d12	23.84	264	36866	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	7814	0.55	ng		0.02
5) Phenol-d6	7.03	99	9840	0.51	ng		0.00
8) Nitrobenzene-d5	9.00	82	8165	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	15674	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1534	0.65	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	20909	0.40	ng		0.00
25) Fluoranthene-d10	19.23	212	136297	0.39	ng		0.00
29) Terphenyl-d14	19.82	244	31634	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	3072	0.353	ng		87
3) n-Nitrosodimethylamine	3.69	42	2364	0.463	ng		97
6) bis(2-Chloroethyl)ether	7.29	93	7817	0.400	ng		84
9) Naphthalene	10.69	128	111450	0.397	ng		100
10) Hexachlorobutadiene	10.99	225	3499	0.390	ng		99
12) 2-Methylnaphthalene	12.31	142	17796	0.399	ng		100
16) Acenaphthylene	14.21	152	26392	0.442	ng		100
17) Acenaphthene	14.54	154	16556	0.411	ng		97
18) Fluorene	15.51	166	21011	0.417	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	5779	0.414	ng		91
21) Hexachlorobenzene	16.53	284	4671	0.384	ng		98
22) Pentachlorophenol	16.87	266	1885	0.795	ng		92
23) Phenanthrene	17.24	178	33879	0.409	ng		100
24) Anthracene	17.34	178	30542	0.438	ng		99
26) Fluoranthene	19.26	202	39077	0.391	ng		100
28) Pyrene	19.62	202	40673	0.445	ng		100
30) Benzo(a)anthracene	21.35	228	38863	0.458	ng		97
31) Chrysene	21.40	228	38130	0.394	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	108416	1.185	ng		99
33) Indeno(1,2,3-cd)pyrene	26.46	276	47088	0.438	ng		99
35) Benzo(b)fluoranthene	23.08	252	40232	0.403	ng	#	97
36) Benzo(k)fluoranthene	23.08	252	40232	0.349	ng		97
37) Benzo(a)pyrene	23.73	252	38004	0.408	ng	#	96
38) Dibenzo(a,h)anthracene	26.48	278	38683	0.399	ng		97
39) Benzo(g,h,i)perylene	27.25	276	38618	0.381	ng		97

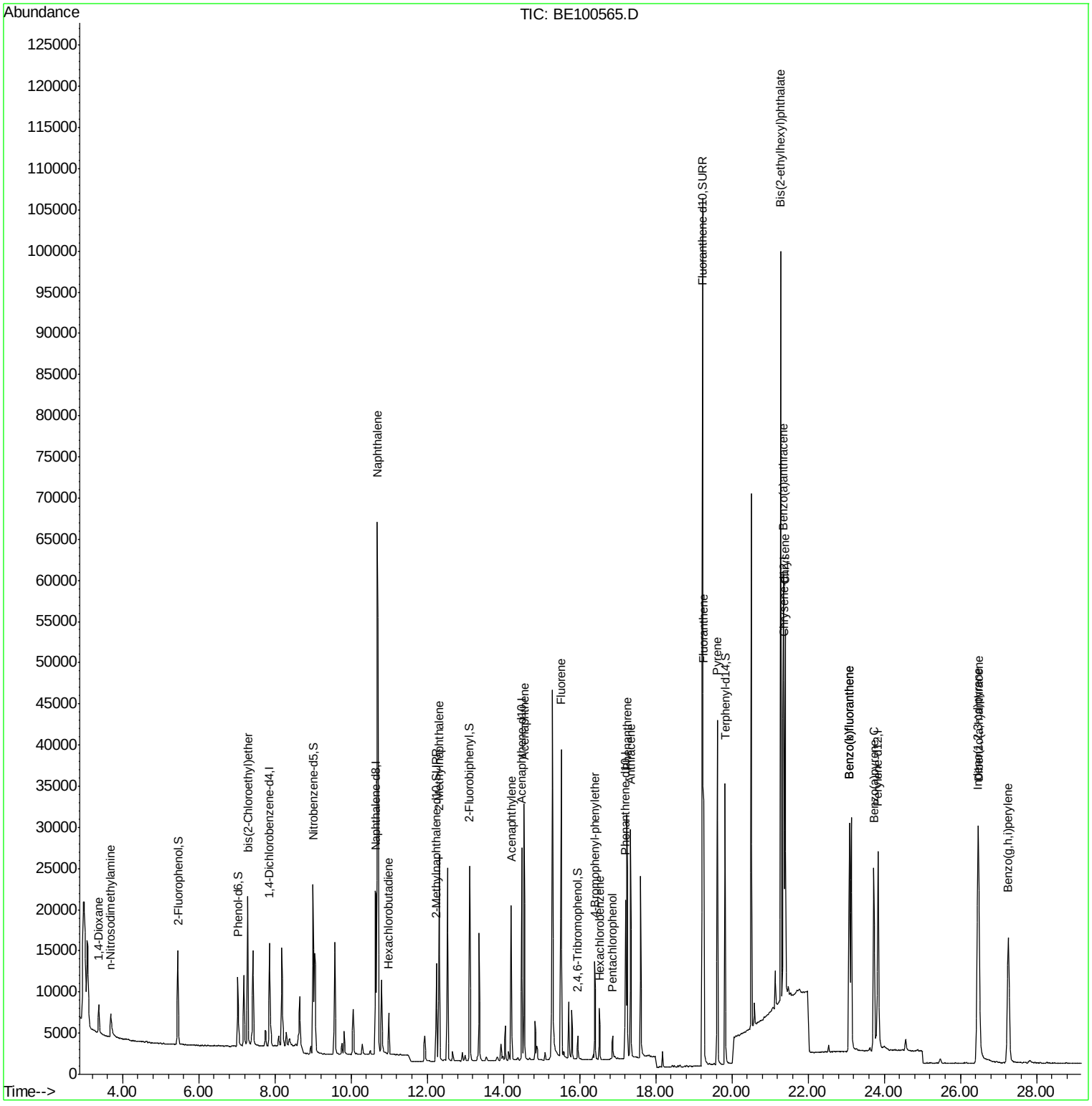
(#) = qualifier out of range (m) = manual integration (+) = signals summed

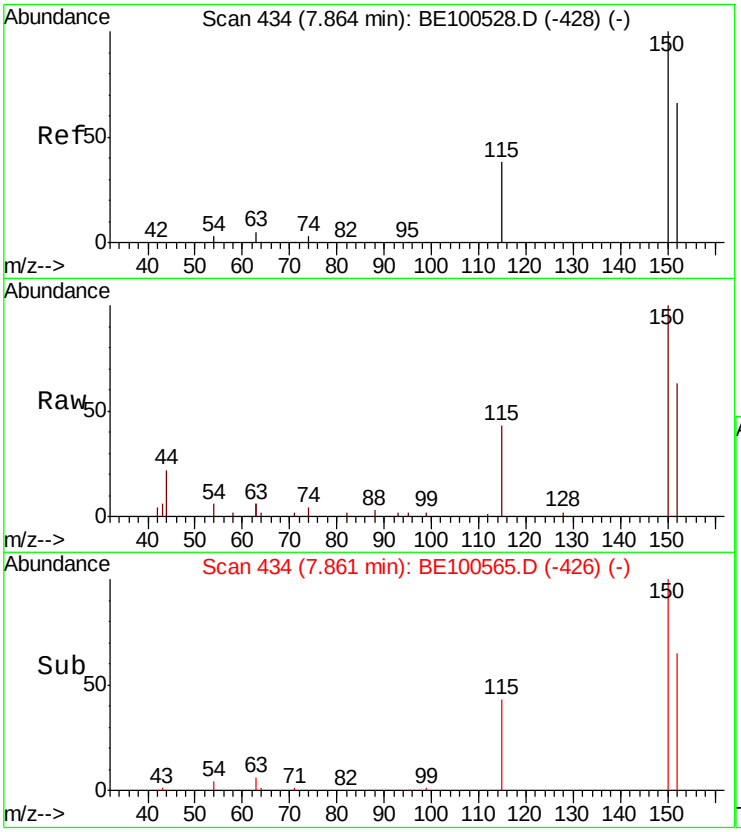
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092619\
Data File : BE100565.D
Acq On : 26 Sep 2019 12:43
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 26 15:20:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 18:26:17 2019
Response via : Initial Calibration



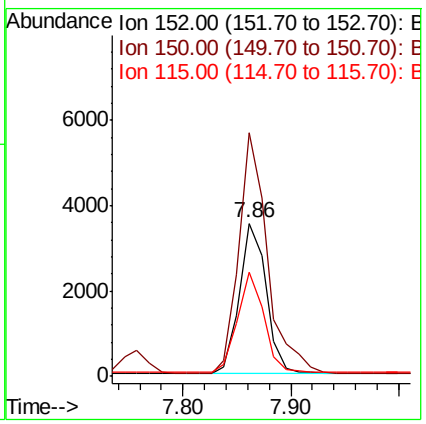


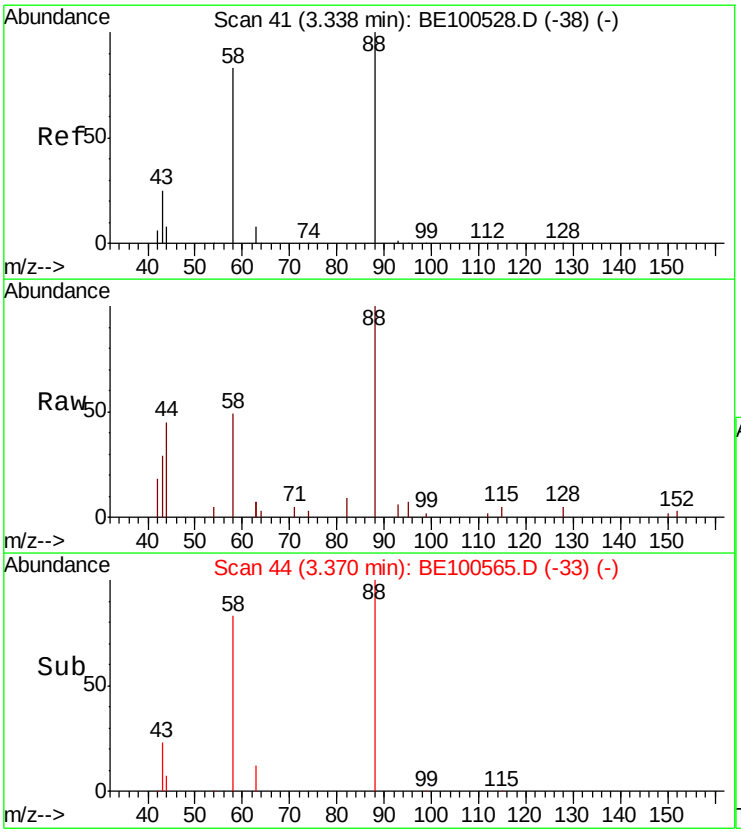
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6033

Ion	Ratio	Lower	Upper
152	100		
150	159.3	121.6	182.4
115	67.9	48.2	72.4

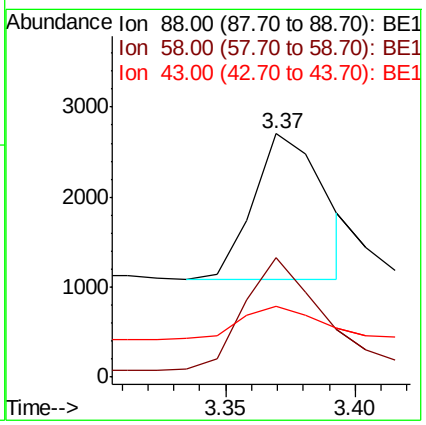


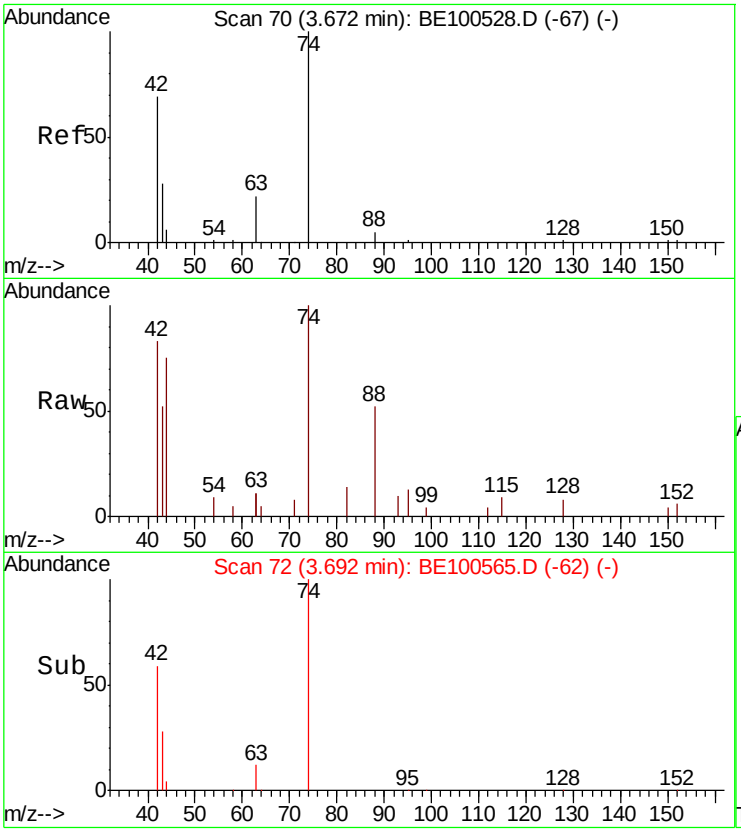


#2
1,4-Dioxane
Concen: 0.353 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.03 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion: 88 Resp: 3072

Ion	Ratio	Lower	Upper
88	100		
58	78.5	53.3	79.9
43	25.0	16.9	25.3



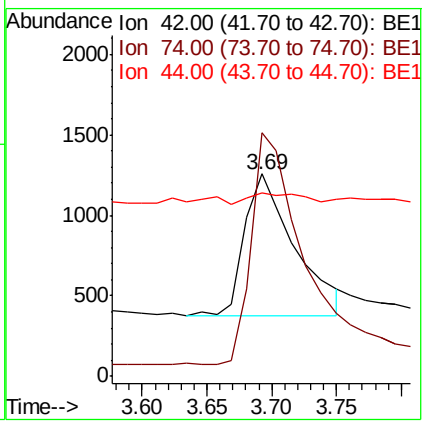


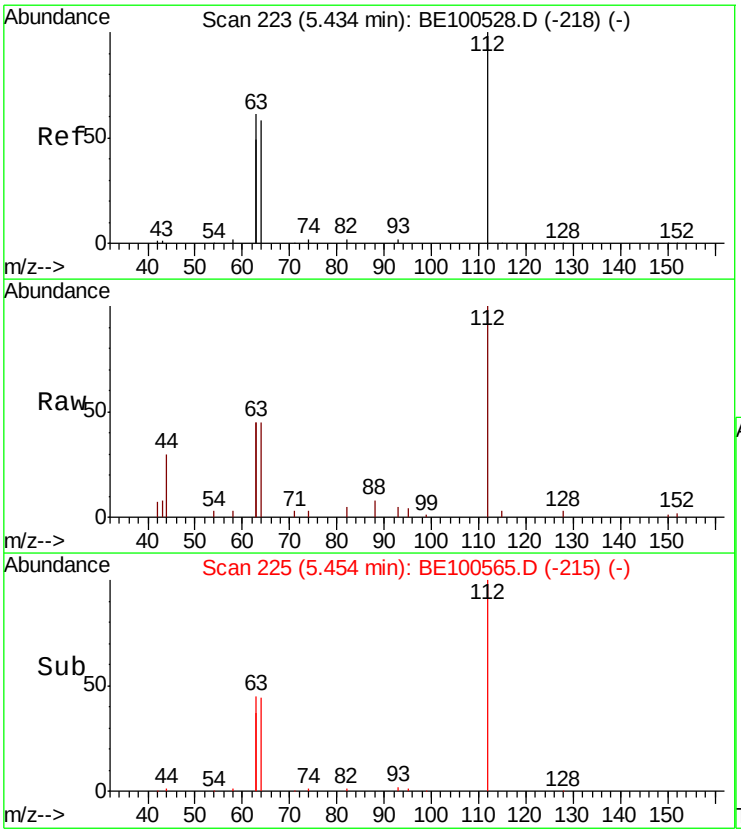
#3
n-Nitrosodimethylamine
Concen: 0.463 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.02 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2364

Ion	Ratio	Lower	Upper
42	100		
74	162.7	133.8	200.6
44	8.0	6.4	9.6

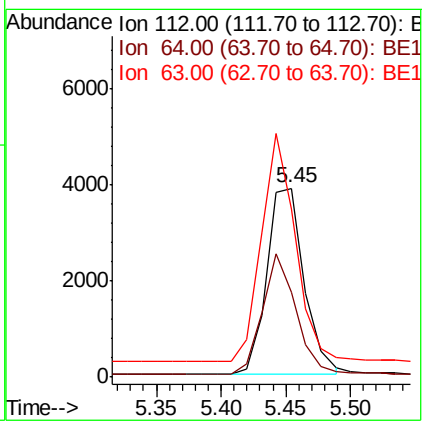


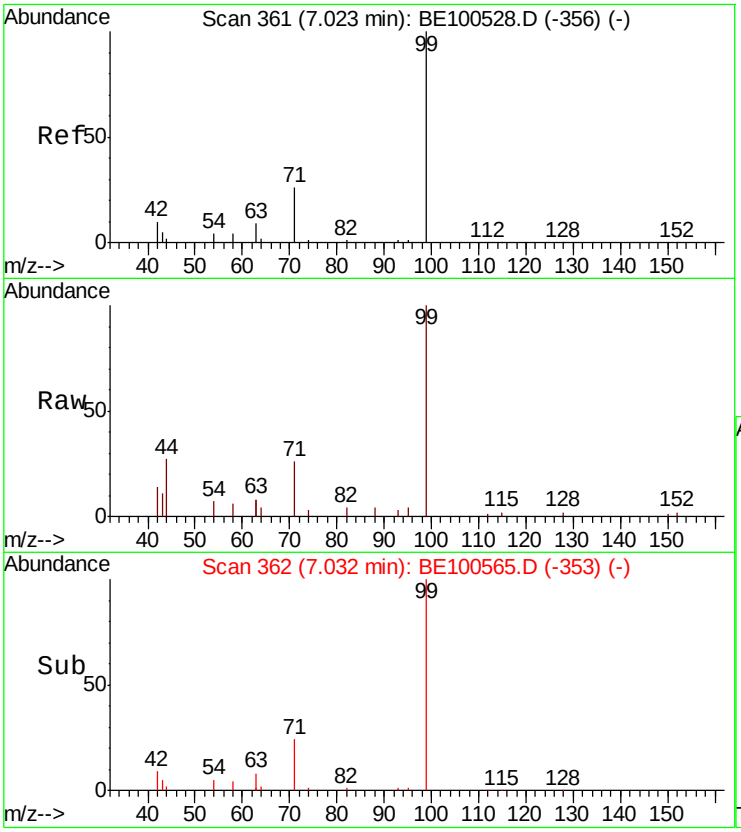


#4
2-Fluorophenol
Concen: 0.553 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.02 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:112 Resp: 7814

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	111.5	86.5	129.7



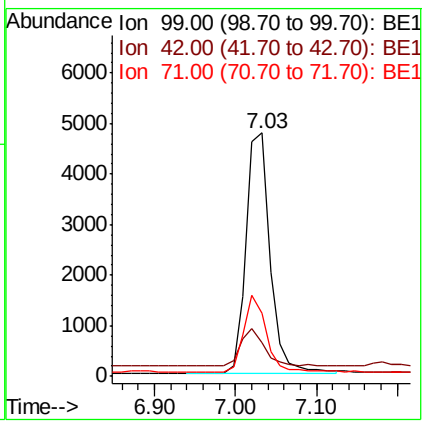


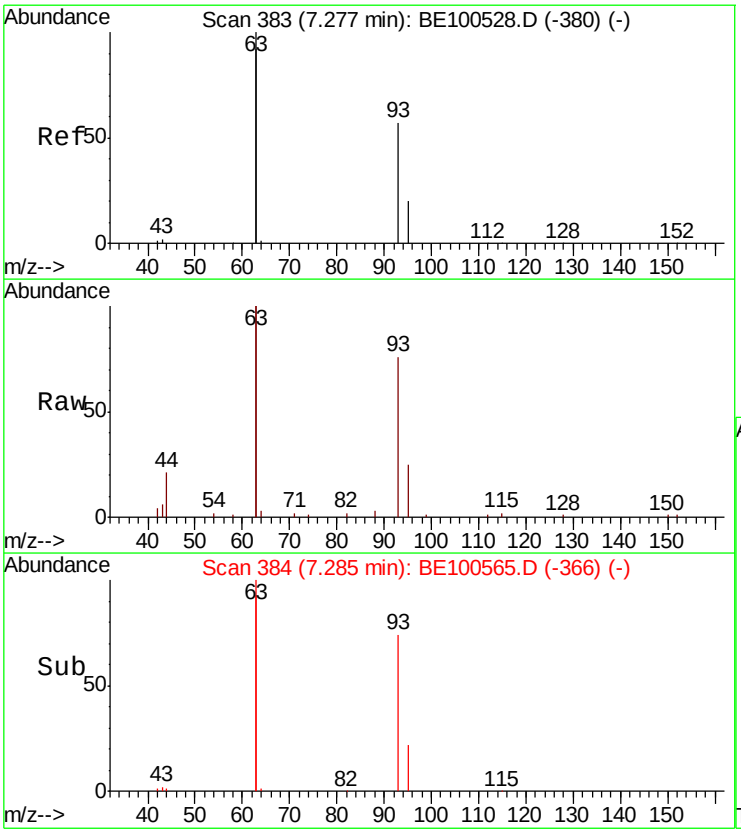
#5
Phenol-d6
Concen: 0.509 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9840

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.6
71	30.0	23.4	35.0

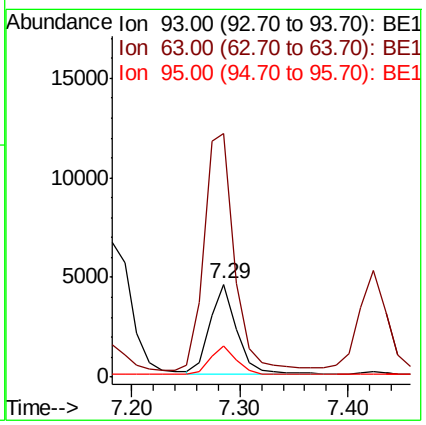


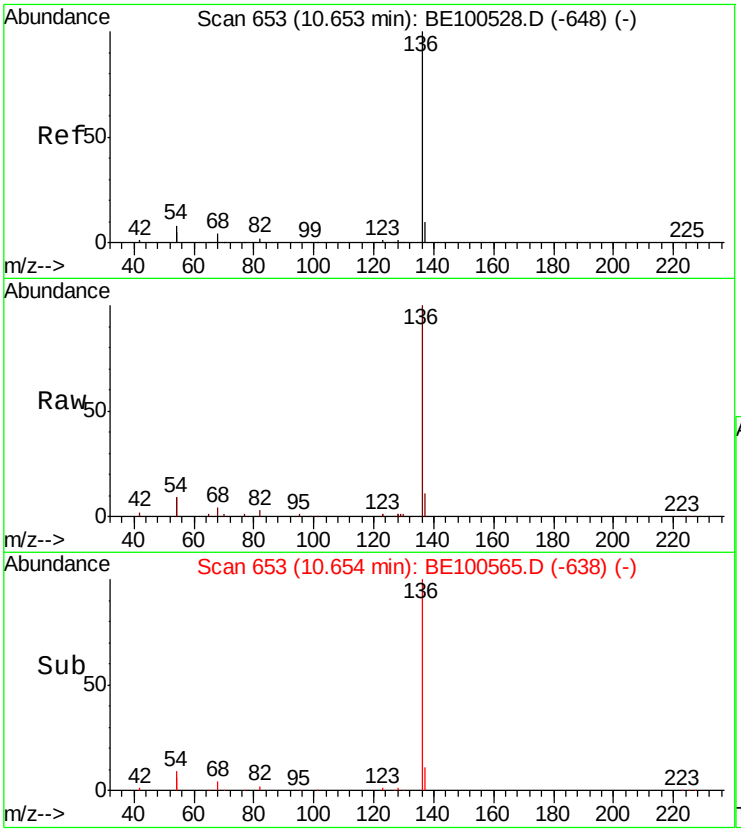


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion: 93 Resp: 7817

Ion	Ratio	Lower	Upper
93	100		
63	298.4	213.4	320.0
95	32.1	23.7	35.5



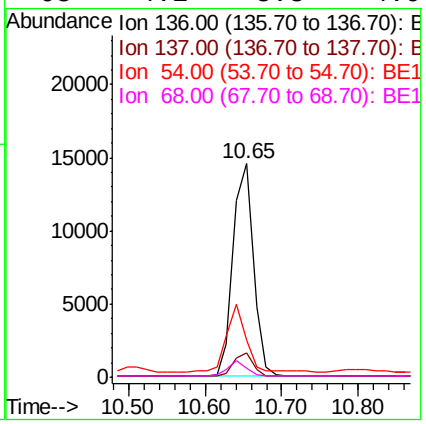


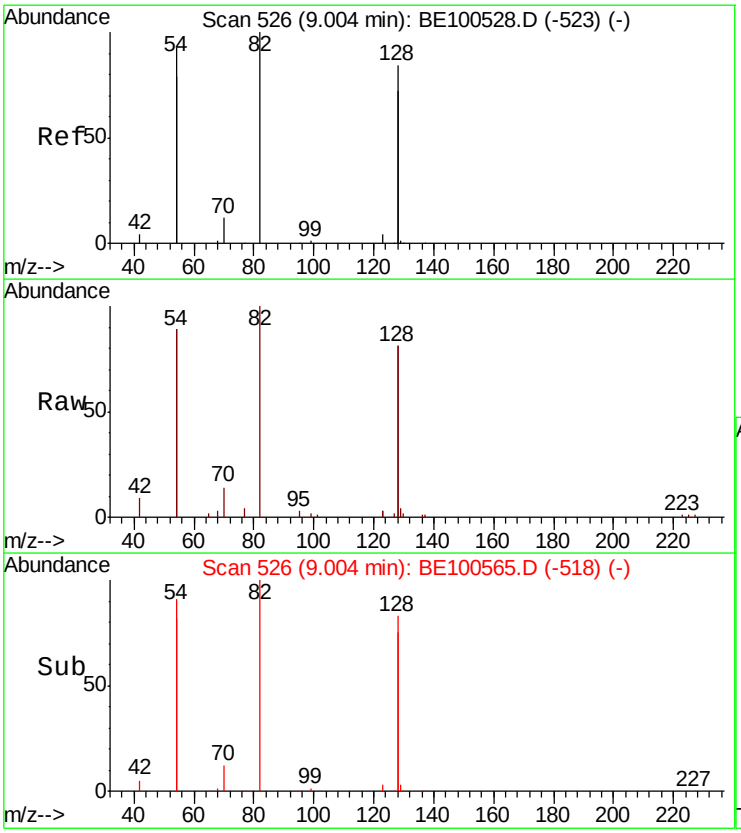
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 27055

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	17.2	12.4	18.6
68	4.2	3.3	4.9

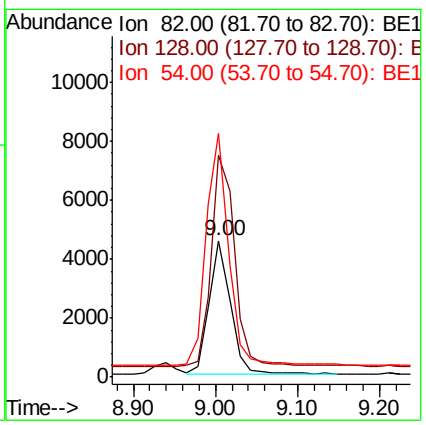


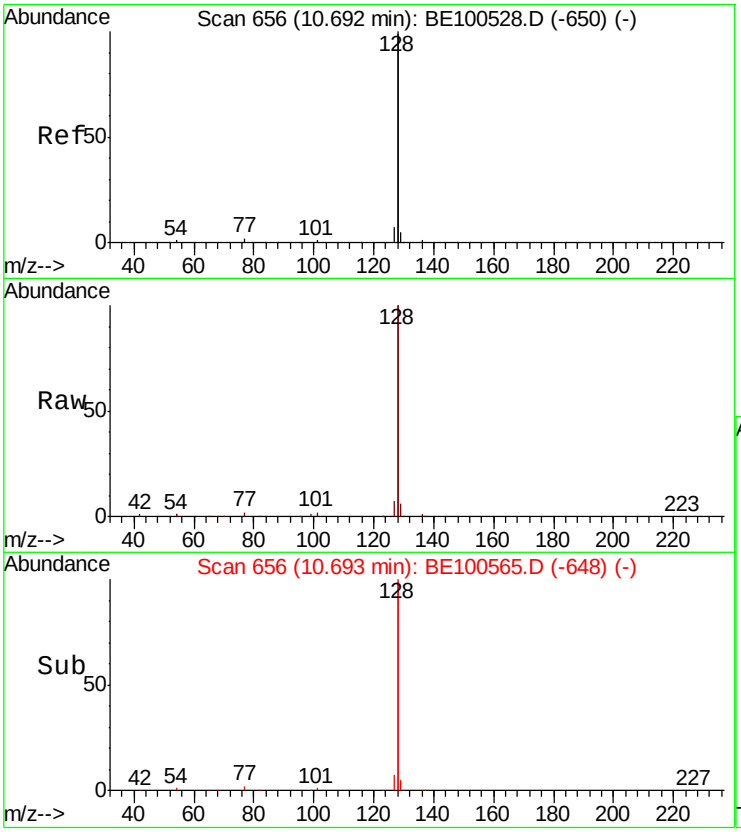


#8
Nitrobenzene-d5
Concen: 0.524 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion: 82 Resp: 8165

Ion	Ratio	Lower	Upper
82	100		
128	162.2	129.4	194.2
54	178.3	143.3	214.9



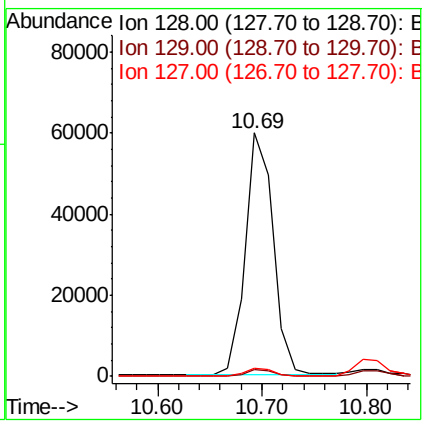


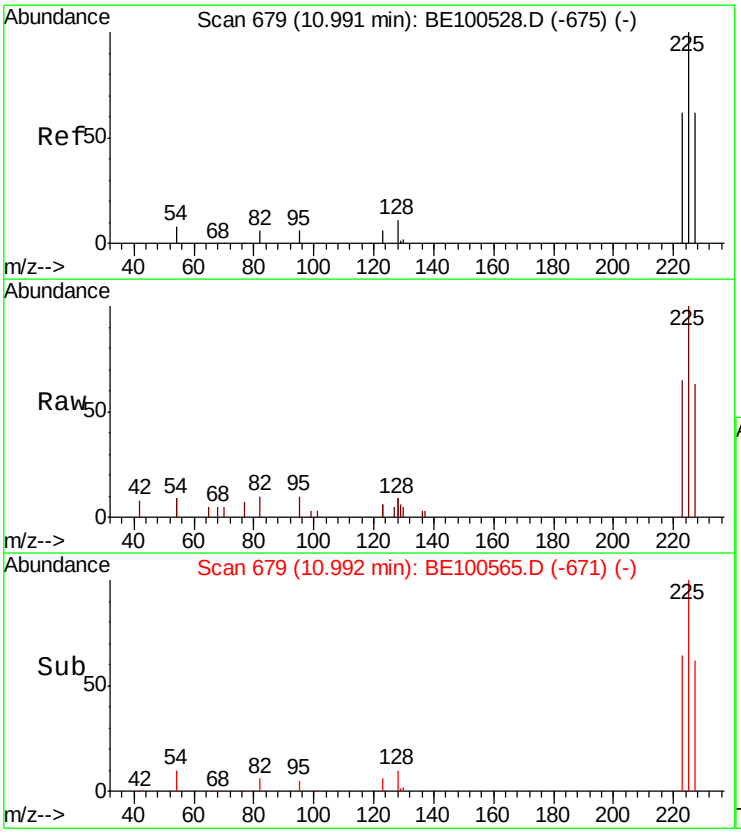
#9
Naphthalene
Concen: 0.397 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 111450

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

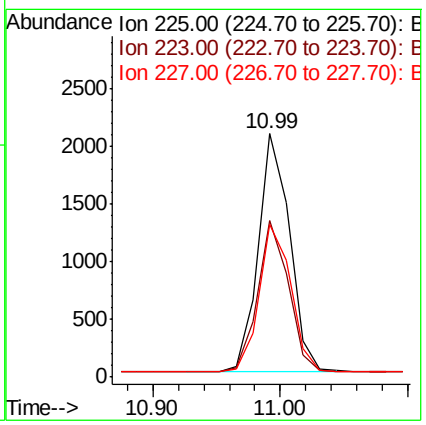


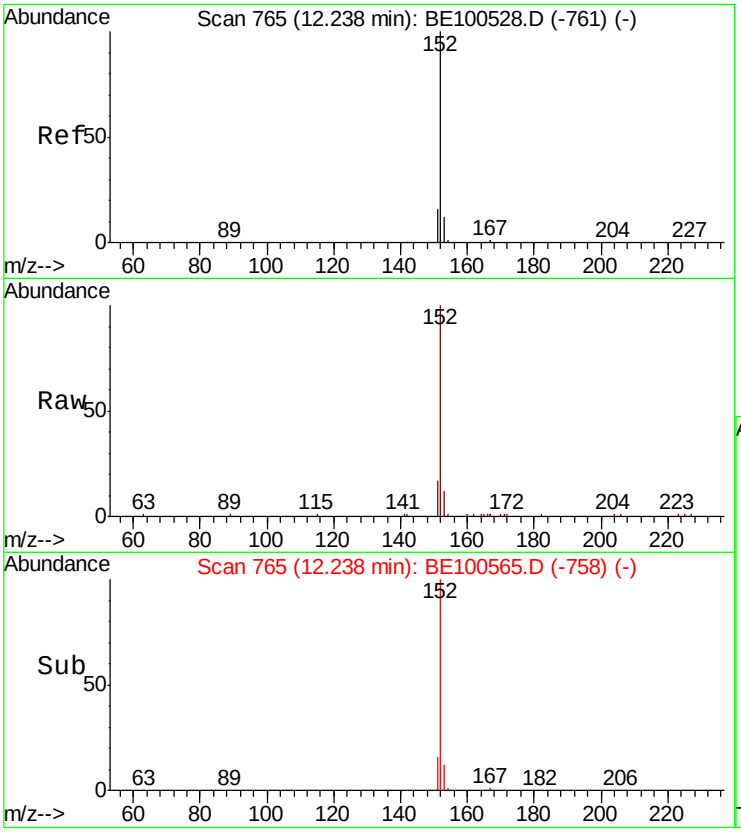


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:225 Resp: 3499

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	62.6	51.4	77.2



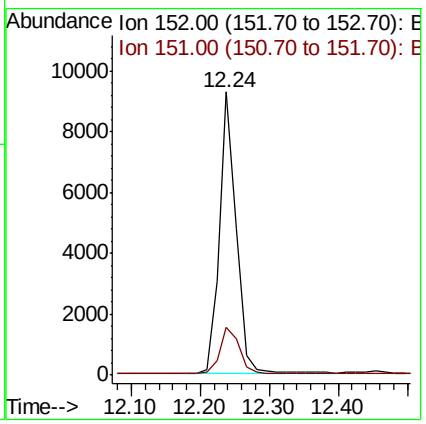


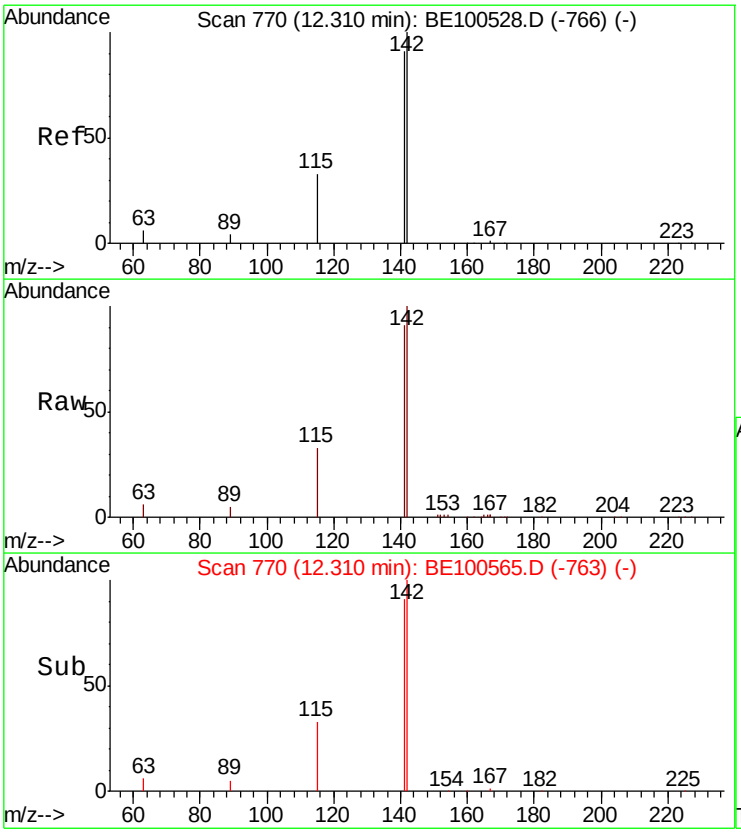
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15674

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9

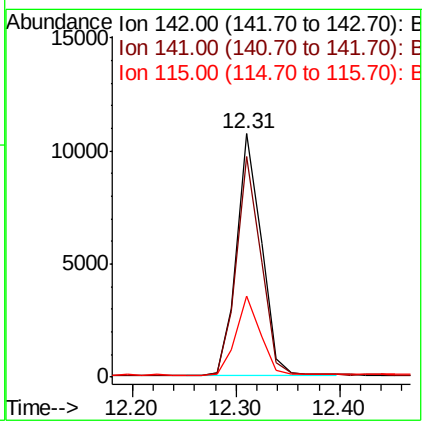


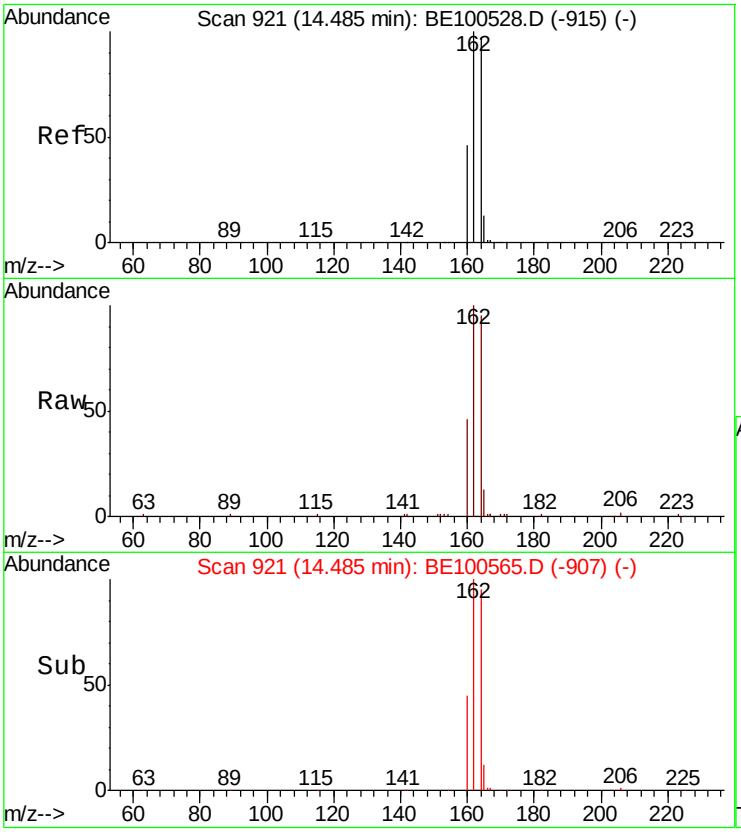


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:142 Resp: 17796

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7
115	33.3	27.2	40.8



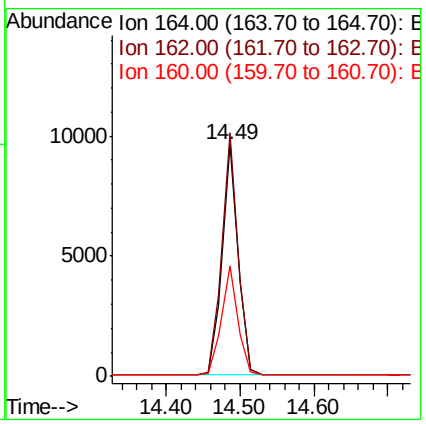


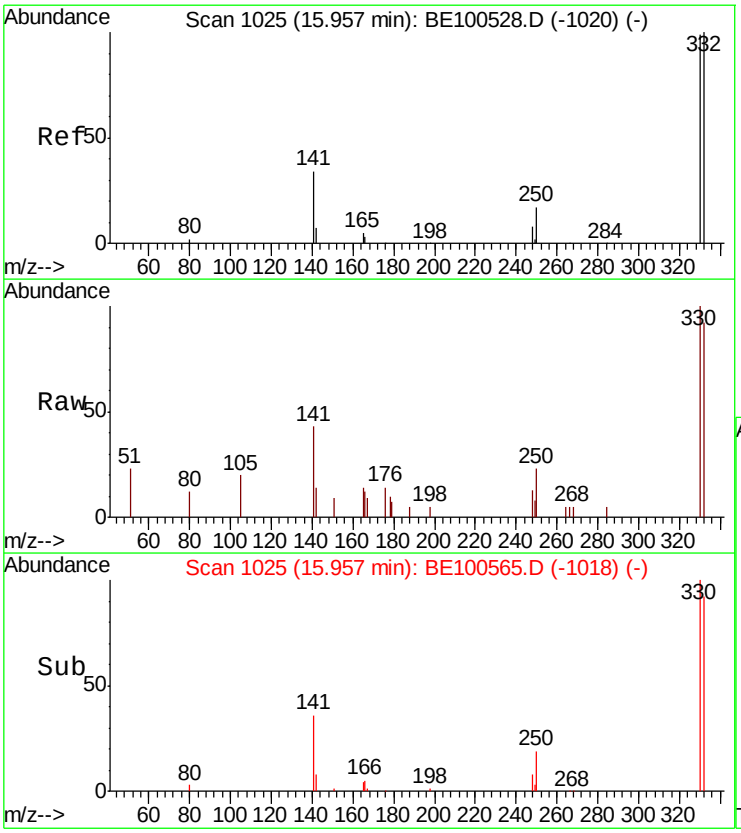
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 14499

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.1	123.1
160	47.9	37.6	56.4

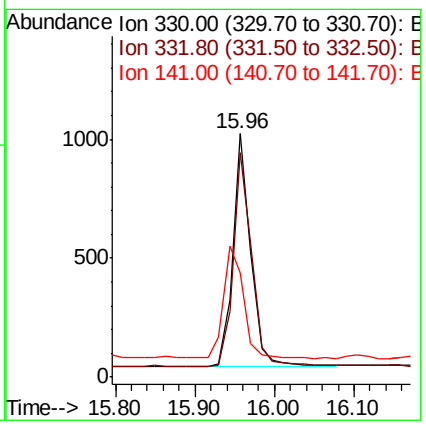


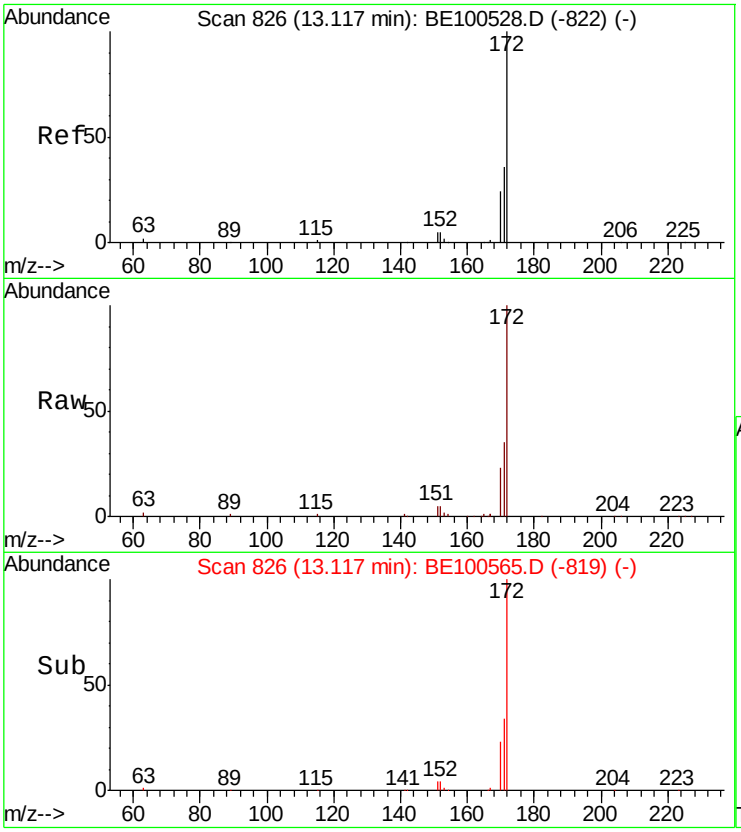


#14
2,4,6-Tribromophenol
Concen: 0.654 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:330 Resp: 1534

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.5	113.3
141	53.3	42.3	63.5



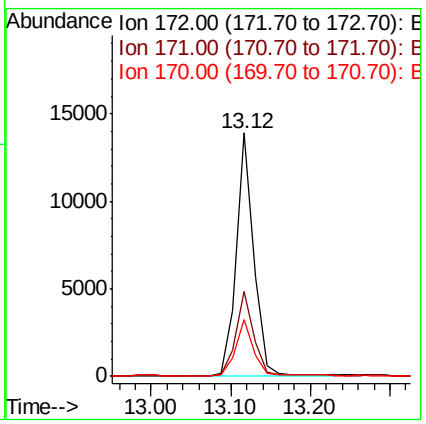


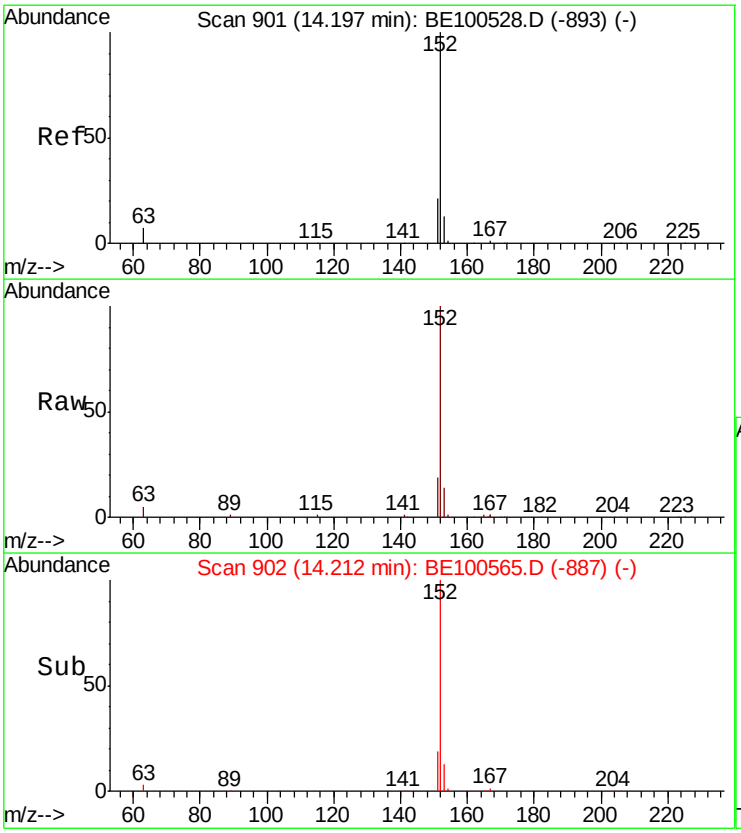
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 20909

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.8	43.2
170	23.5	19.4	29.0

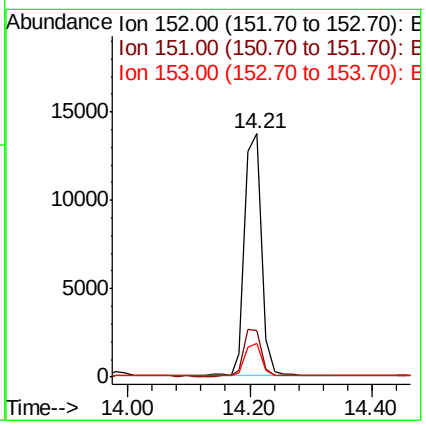


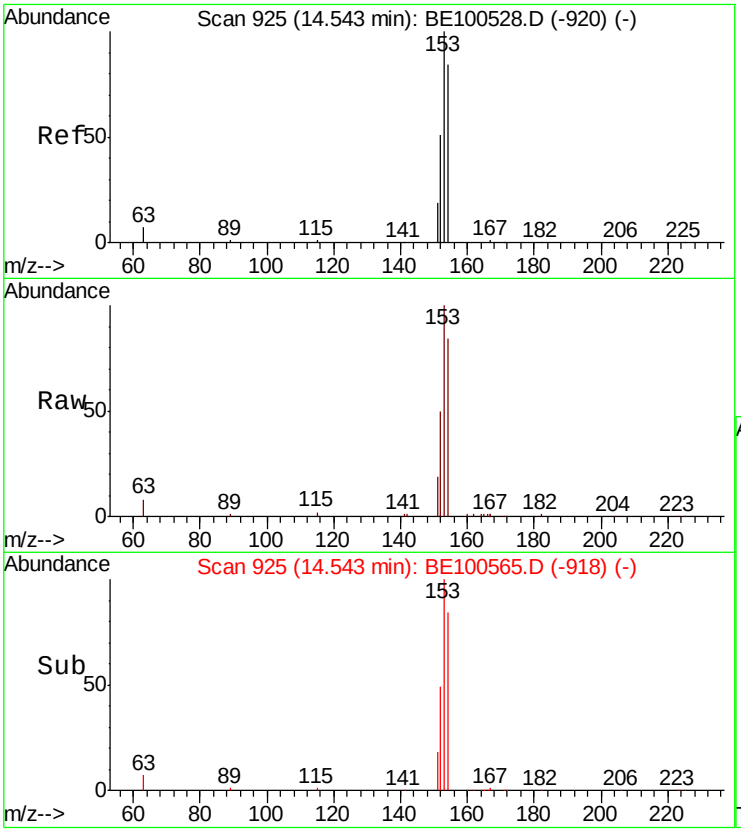


#16
Acenaphthylene
Concen: 0.442 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:152 Resp: 26392

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.7	16.1



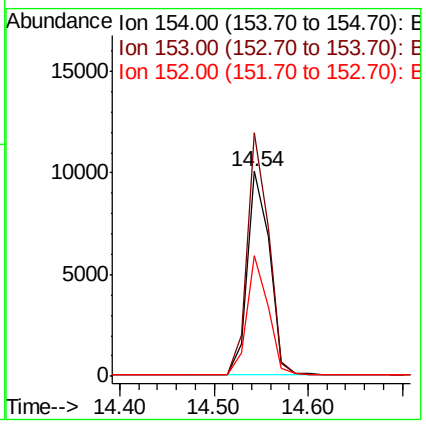


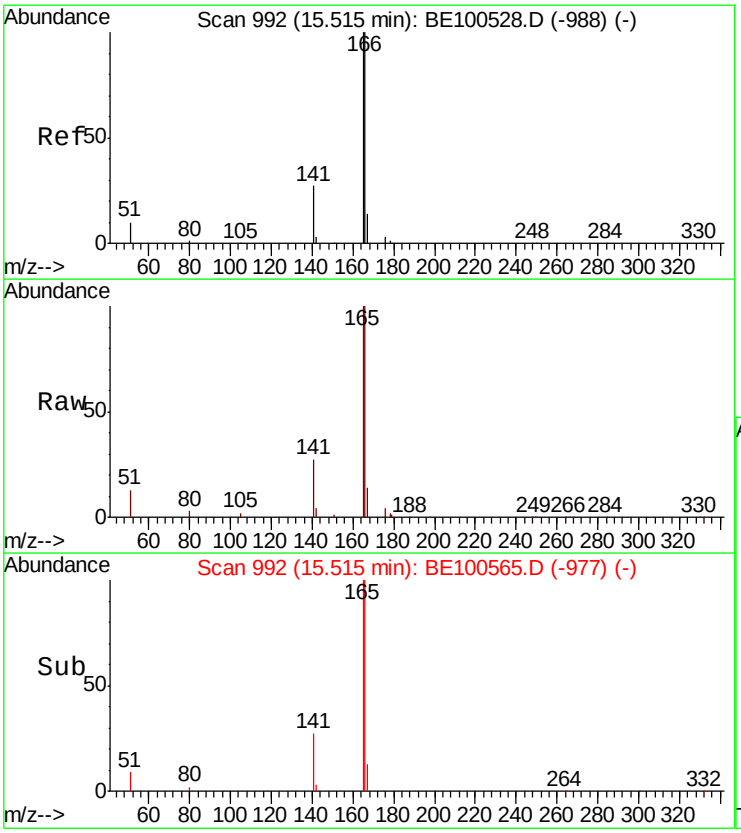
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 16556

Ion	Ratio	Lower	Upper
154	100		
153	114.4	93.7	140.5
152	55.4	47.3	70.9

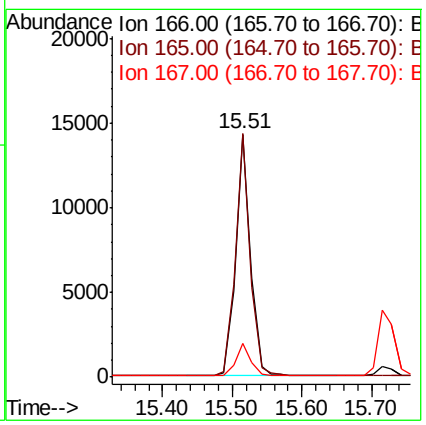


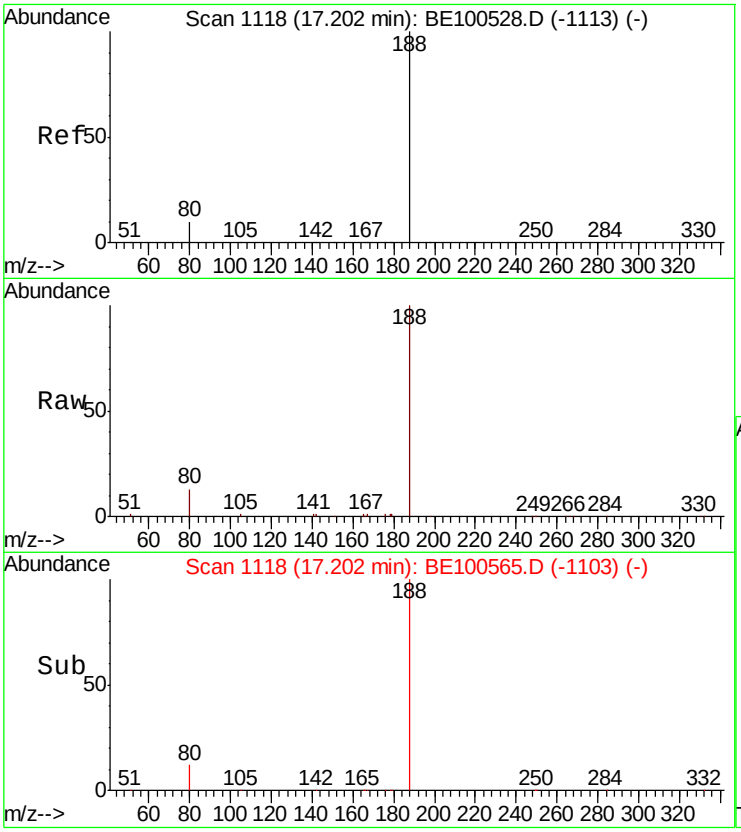


#18
Fluorene
Concen: 0.417 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:166 Resp: 21011

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.1	120.1
167	13.5	10.9	16.3



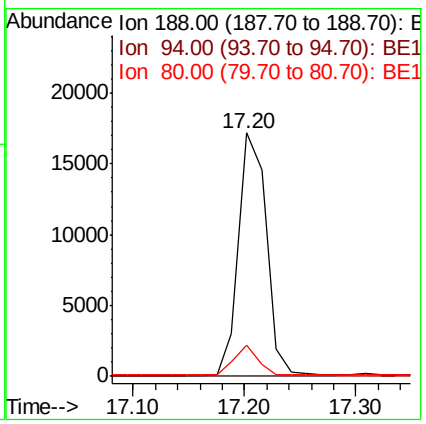


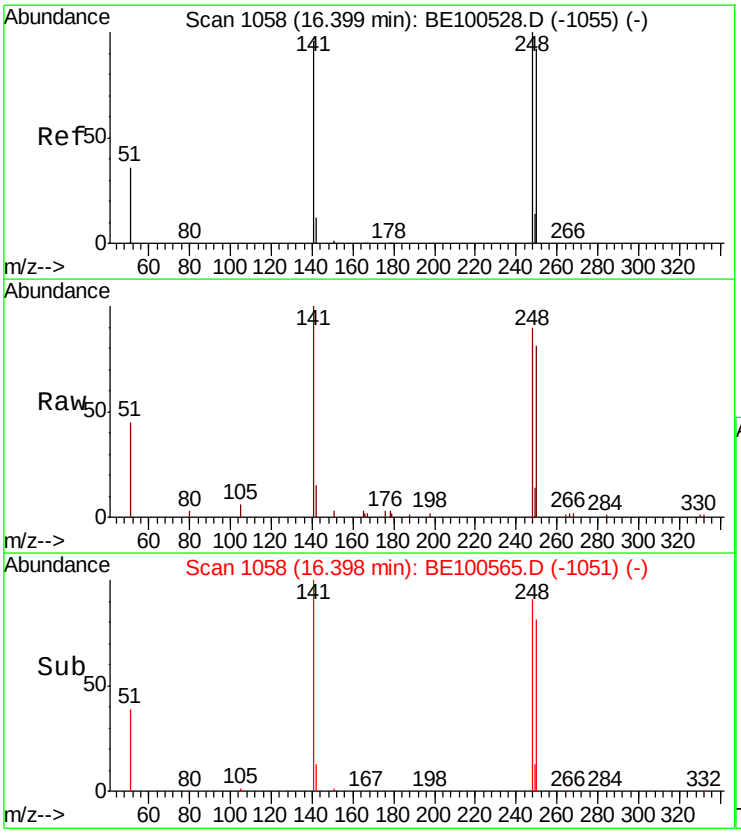
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29727

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	8.0	12.0#

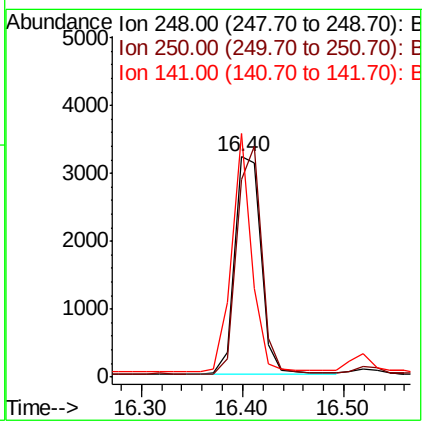


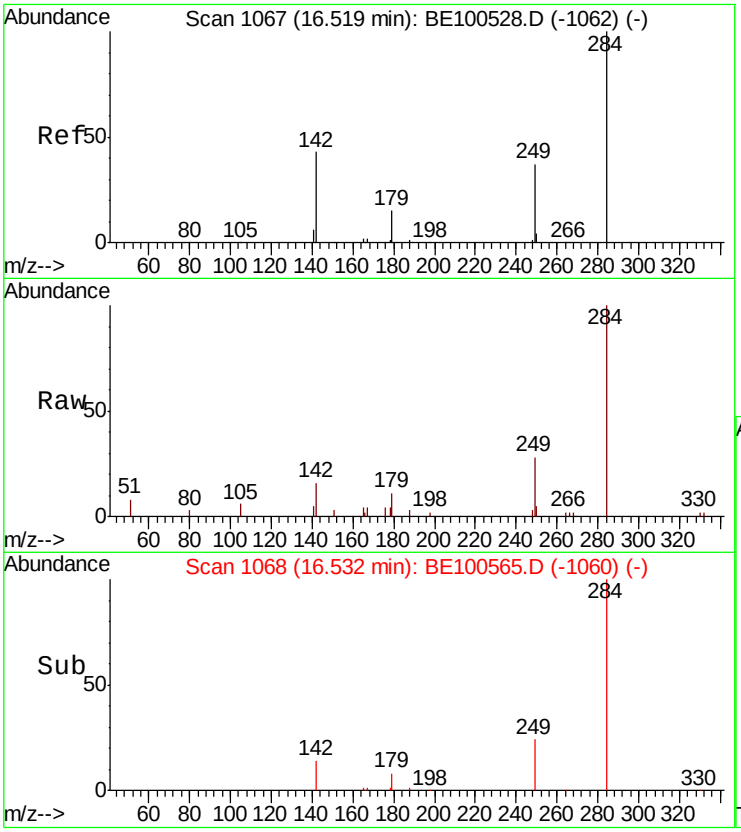


#20
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:248 Resp: 5779

Ion	Ratio	Lower	Upper
248	100		
250	89.5	73.5	110.3
141	110.5	77.0	115.4



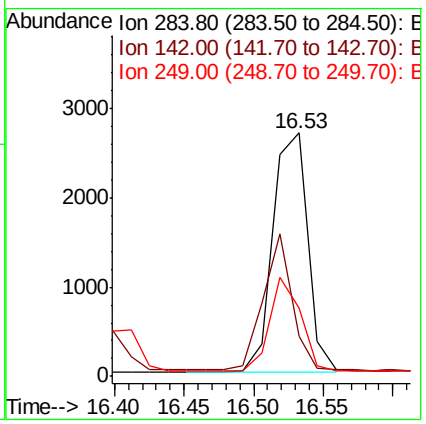


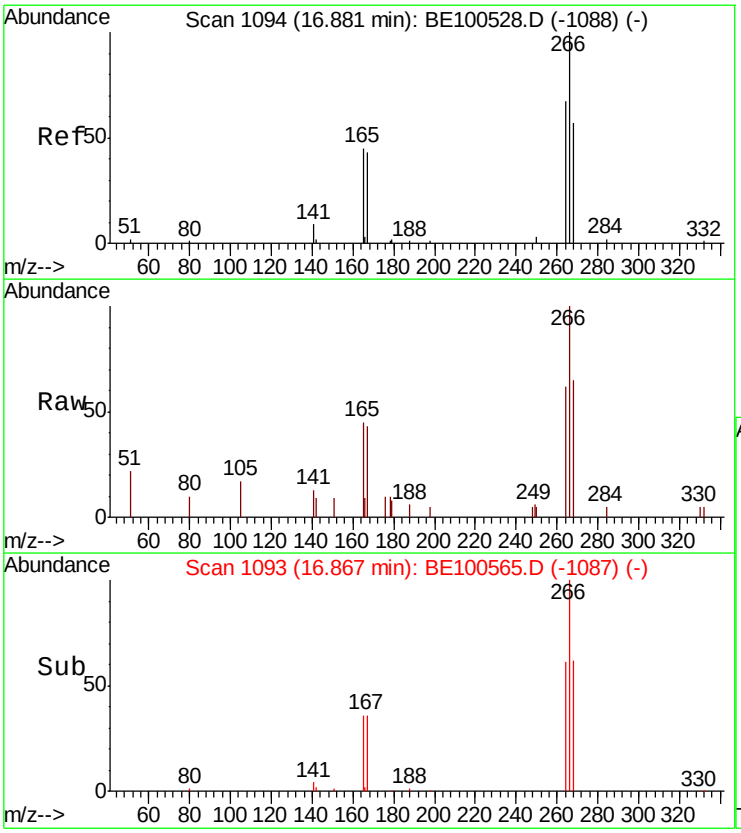
#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4671

Ion	Ratio	Lower	Upper
284	100		
142	46.9	39.0	58.6
249	35.3	28.2	42.2

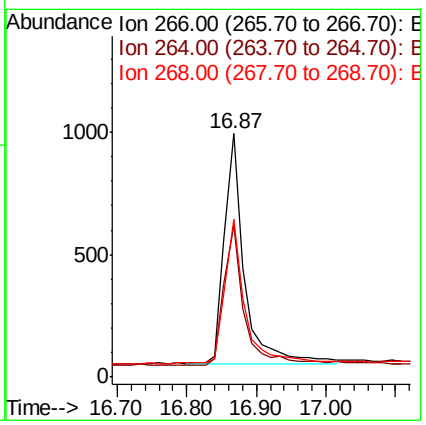


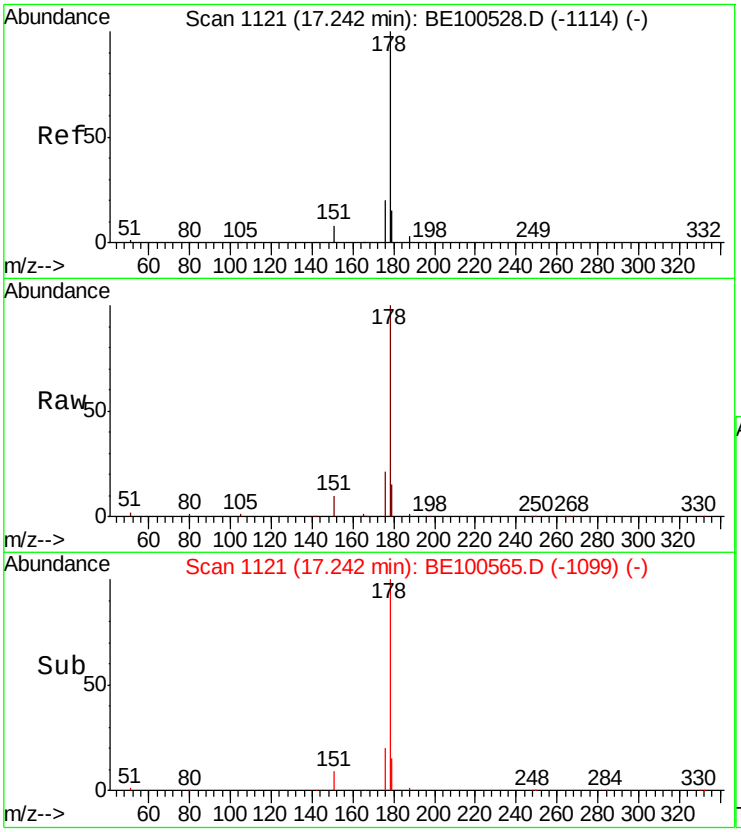


#22
Pentachlorophenol
Concen: 0.795 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:266 Resp: 1885

Ion	Ratio	Lower	Upper
266	100		
264	62.5	57.6	86.4
268	64.7	55.1	82.7



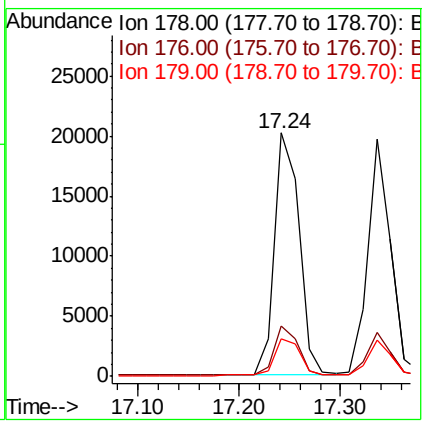


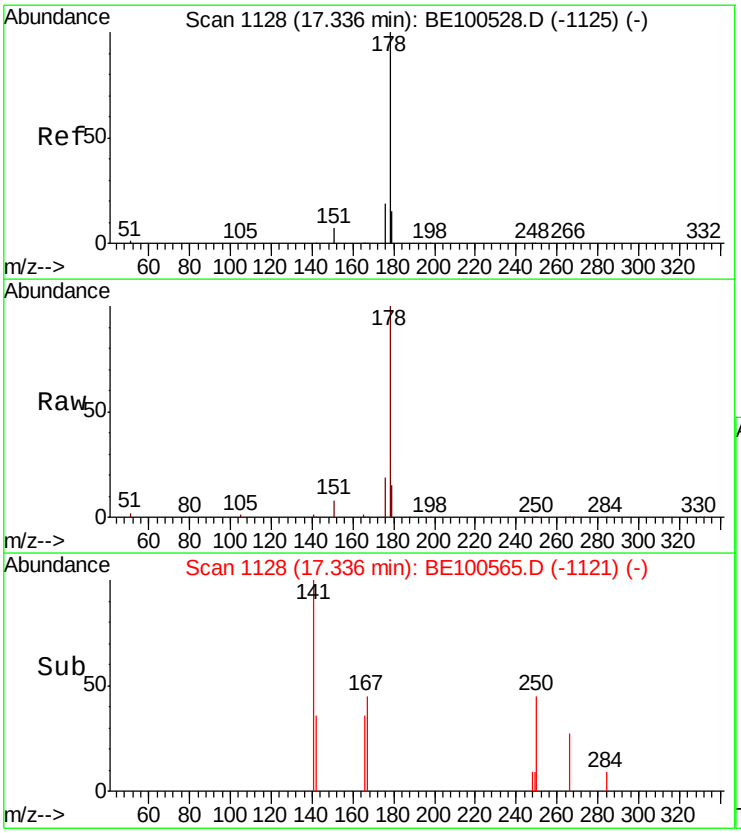
#23
Phenanthrene
Concen: 0.409 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 33879

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.6	18.8

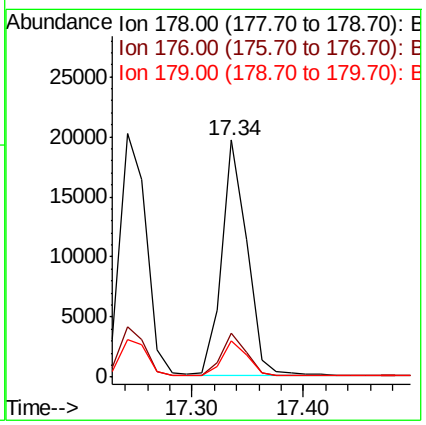


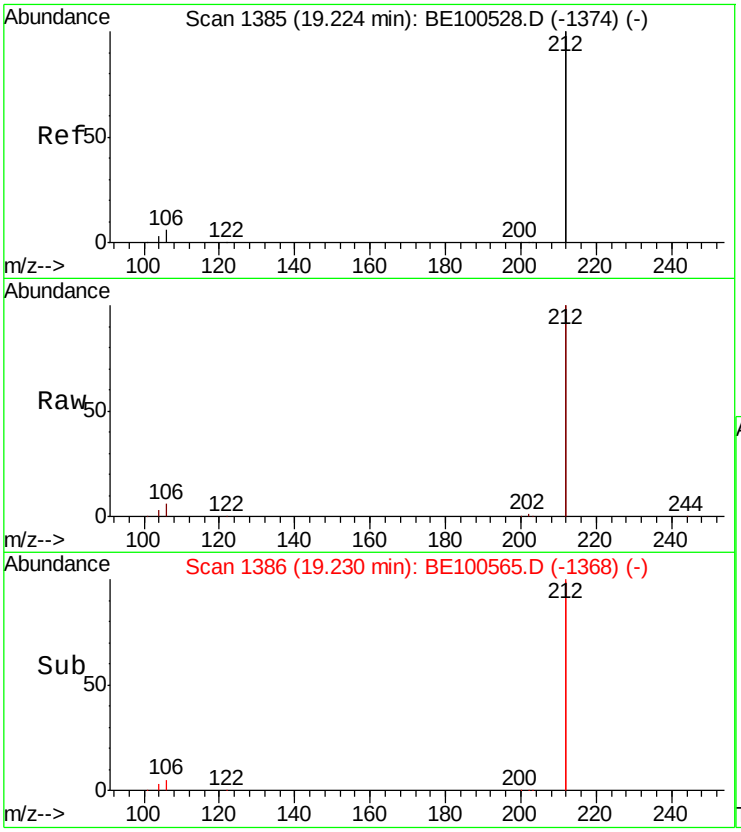


#24
Anthracene
Concen: 0.438 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:178 Resp: 30542

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.3	12.2	18.4



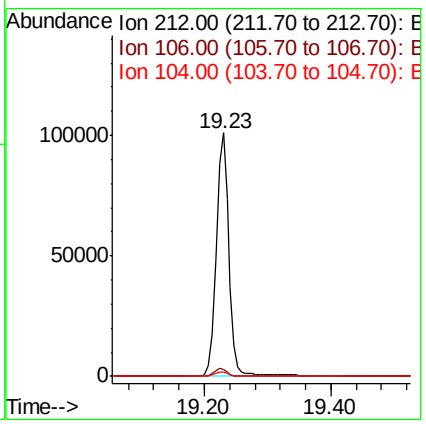


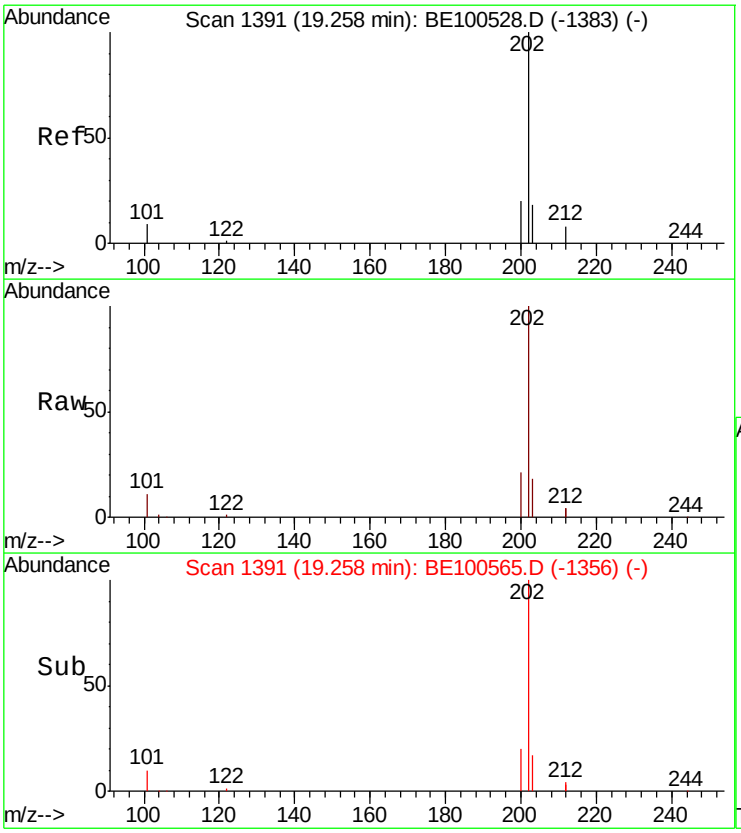
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 136297

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.3	3.5
104	1.7	1.3	1.9

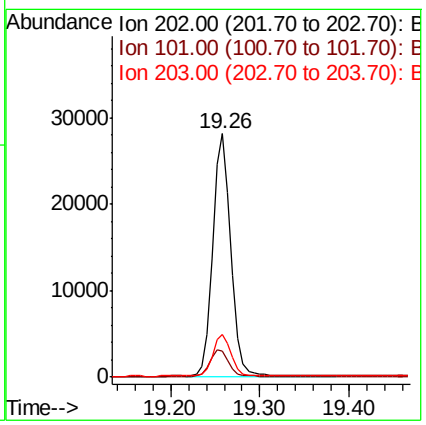


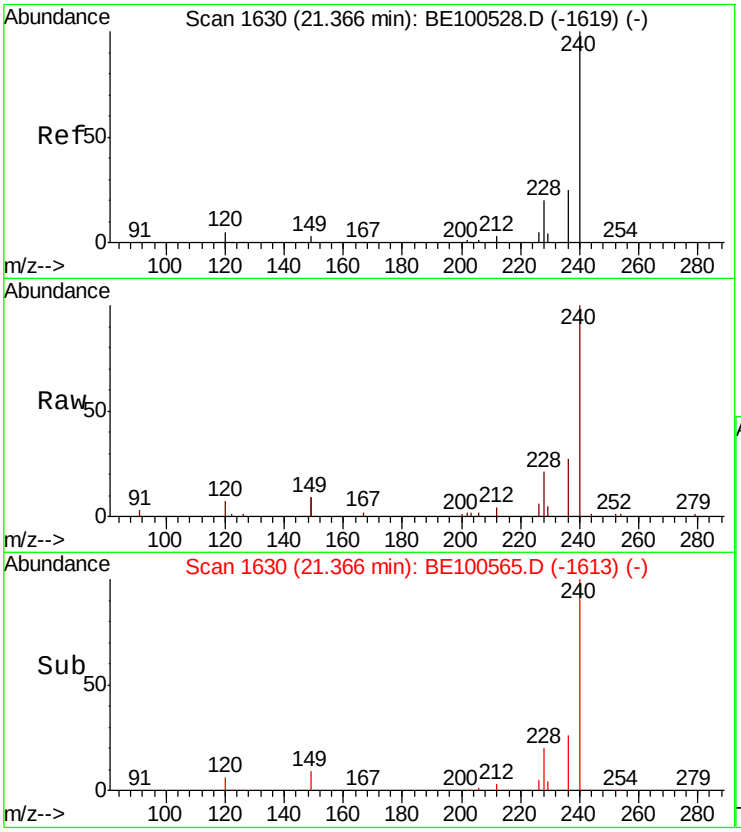


#26
Fluoranthene
Concen: 0.391 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:202 Resp: 39077

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.8	13.2
203	17.0	13.7	20.5



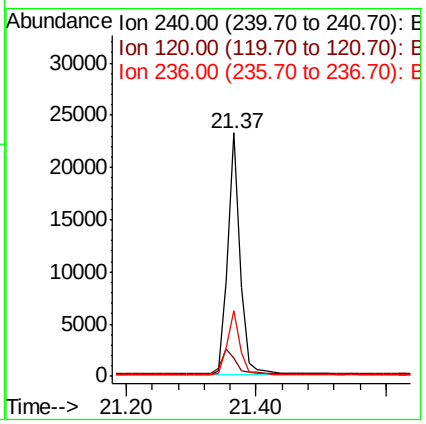


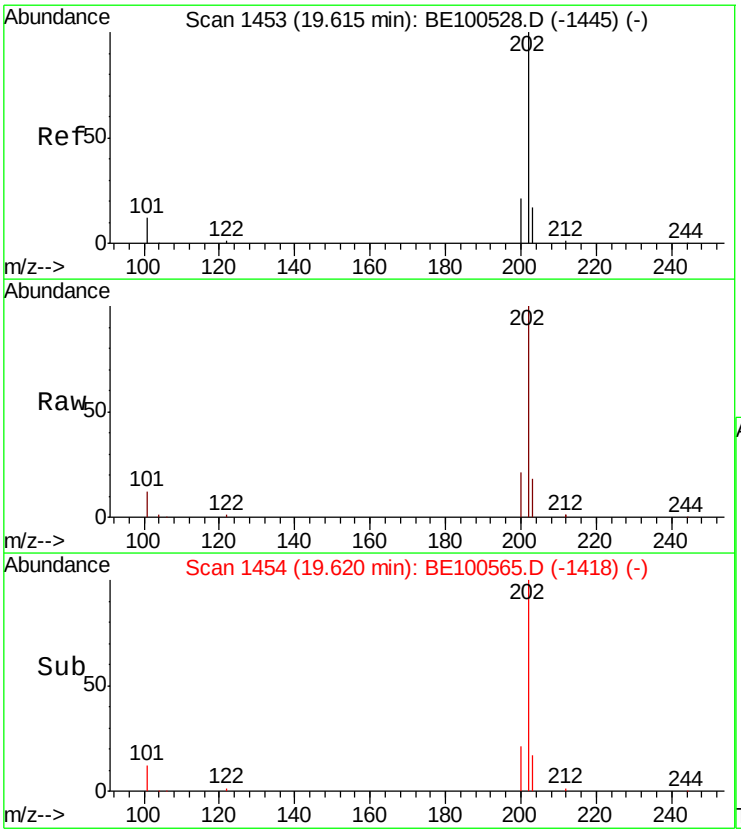
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 31777

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.5	6.7#
236	26.8	20.6	30.8

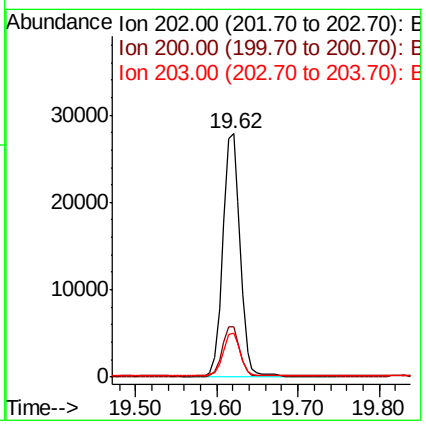


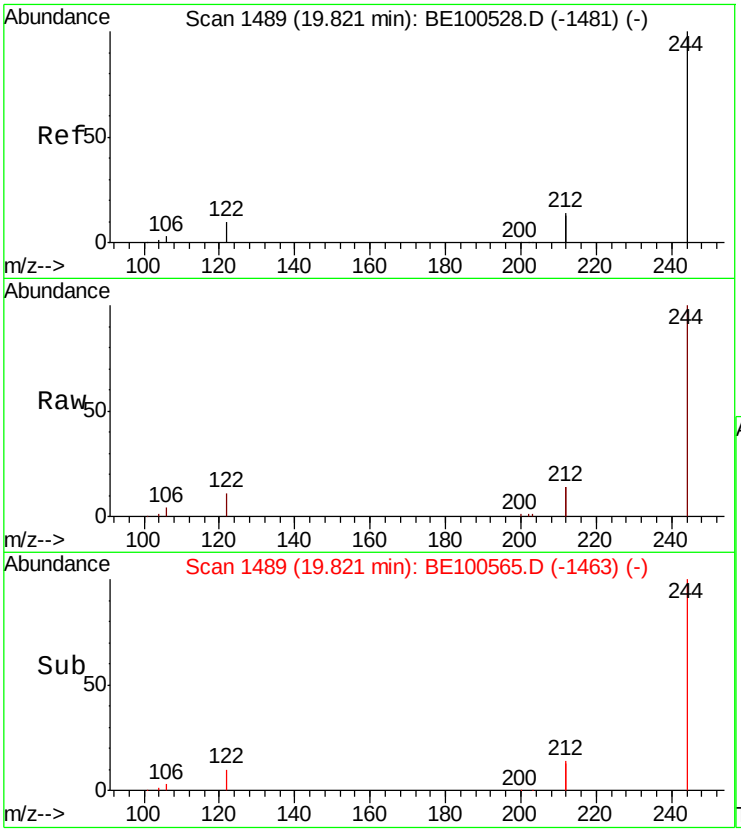


#28
Pyrene
Concen: 0.445 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:202 Resp: 40673

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	14.0	21.0



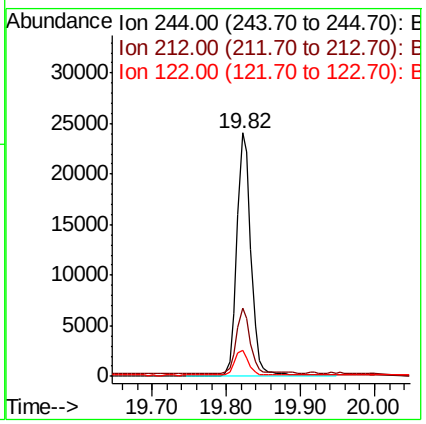


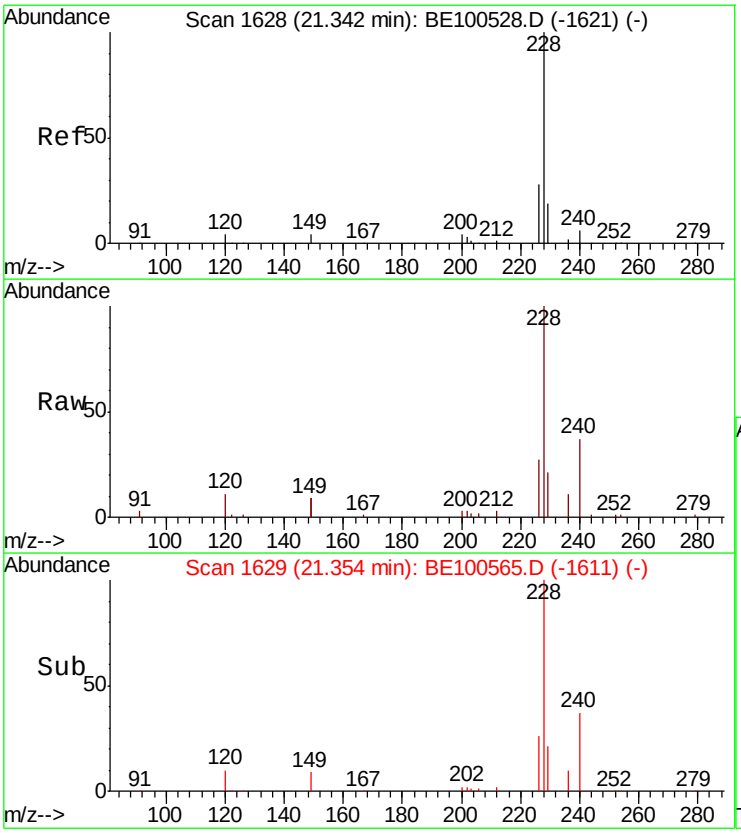
#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 31634

Ion	Ratio	Lower	Upper
244	100		
212	27.8	22.2	33.2
122	10.9	8.3	12.5

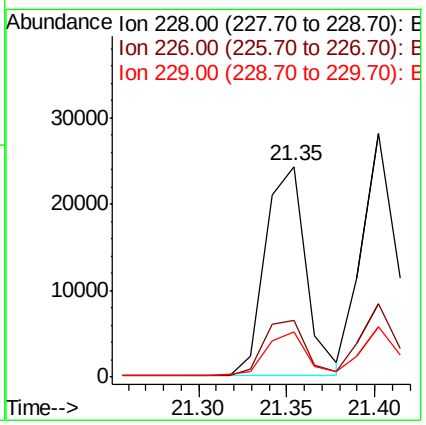


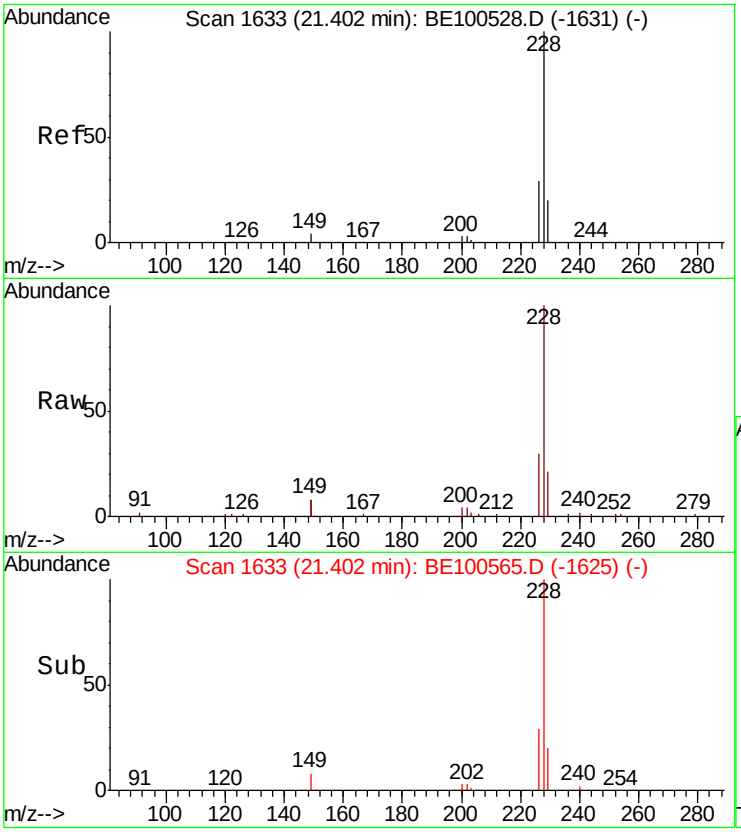


#30
Benzo(a)anthracene
Concen: 0.458 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:228 Resp: 38863

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.5	33.7
229	21.5	15.4	23.2



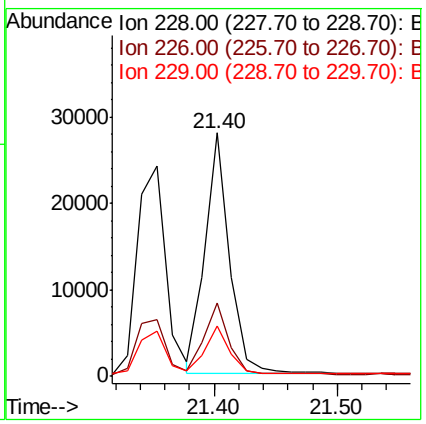


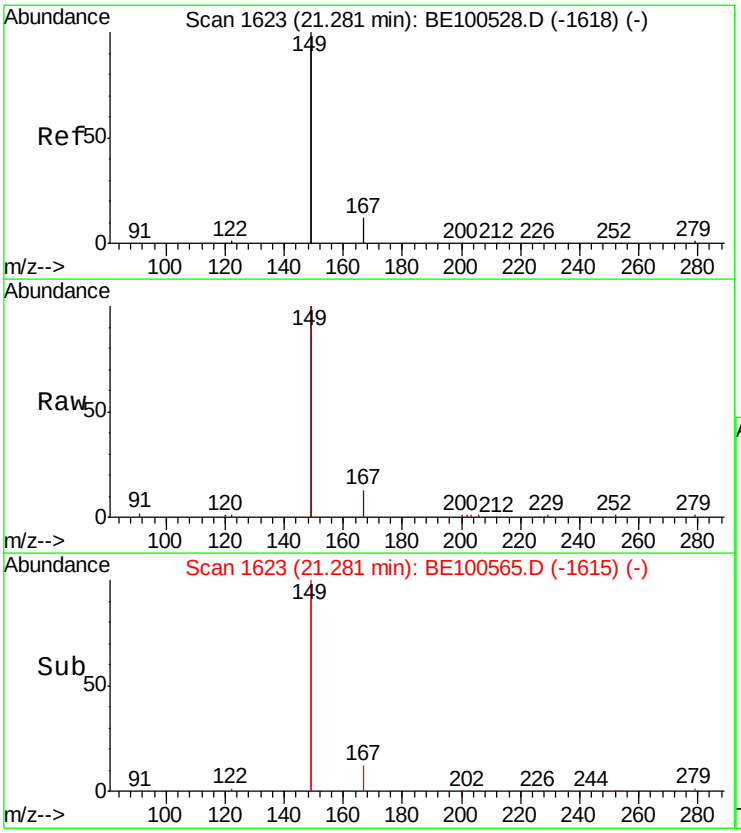
#31
Chrysene
Concen: 0.394 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 38130

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	20.6	16.3	24.5

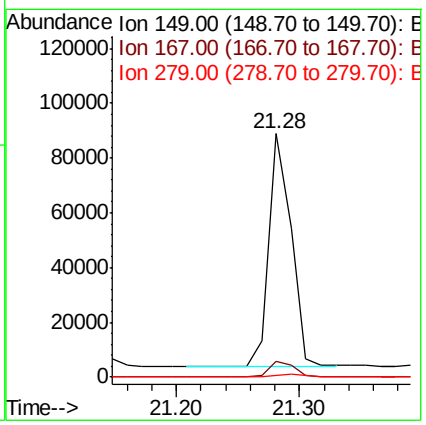


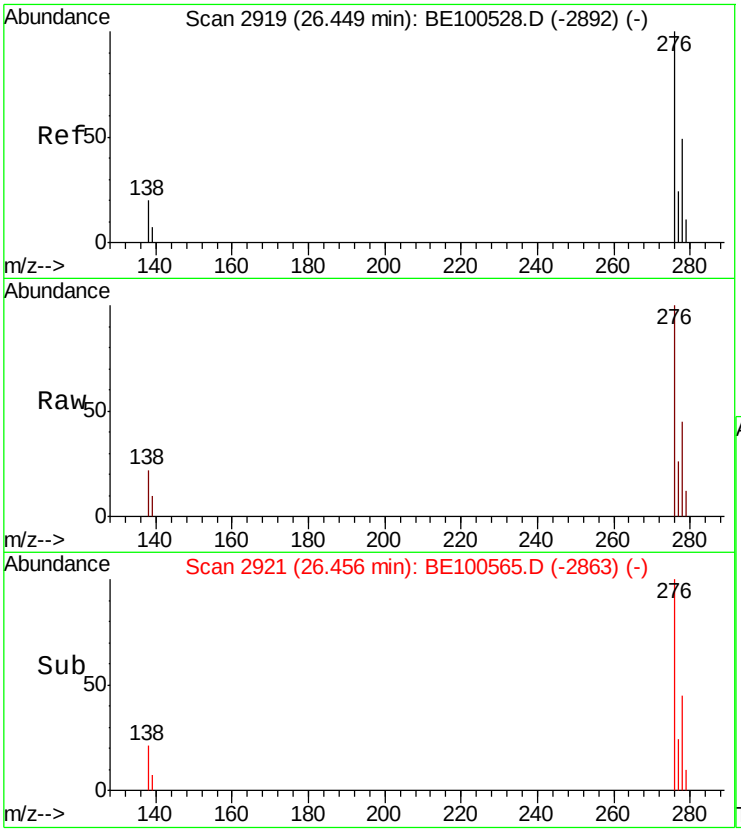


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.185 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:149 Resp: 108416

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.2	7.8
279	1.0	1.0	1.4



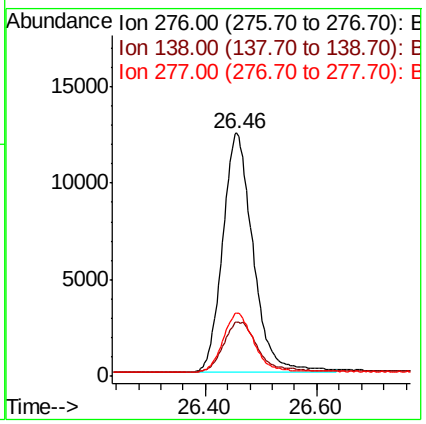


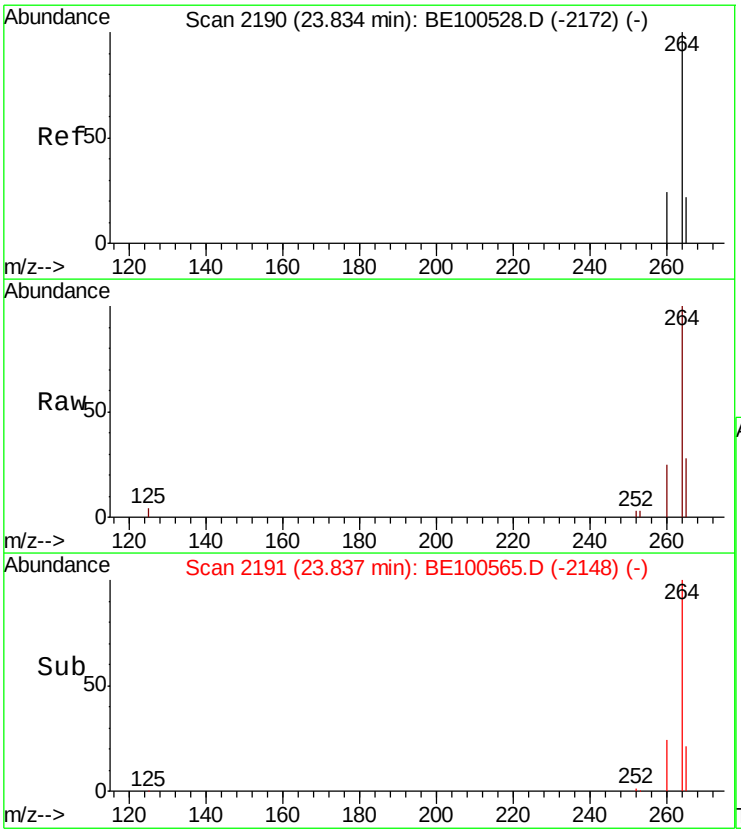
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng
RT: 26.46 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 47088

Ion	Ratio	Lower	Upper
276	100		
138	23.4	17.7	26.5
277	25.1	19.9	29.9

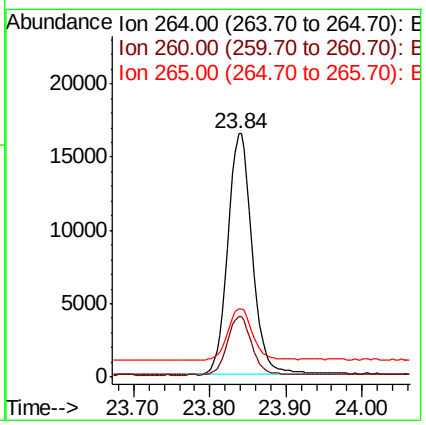


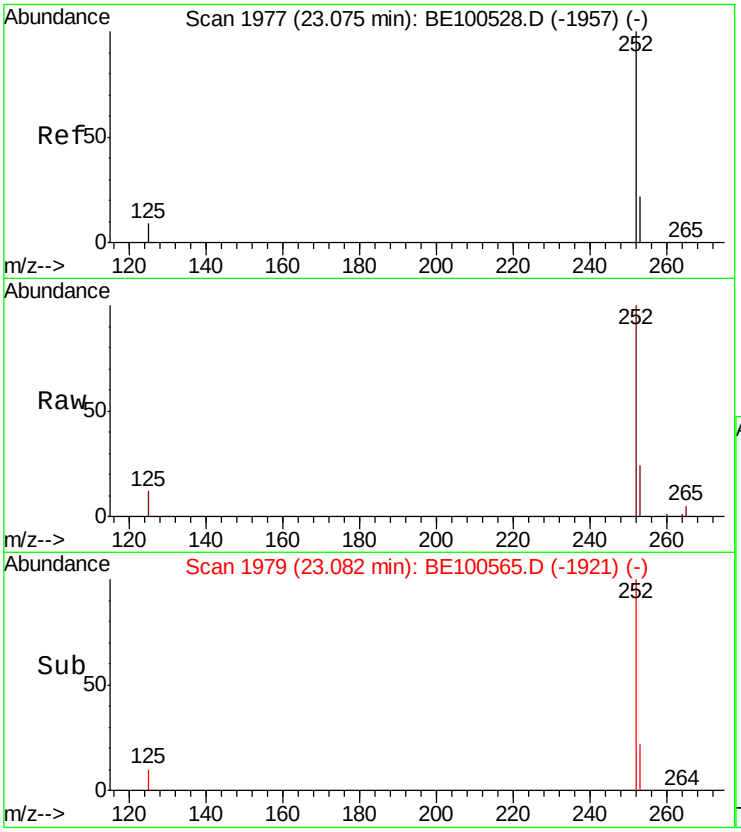


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:264 Resp: 36866

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	28.3	21.8	32.8



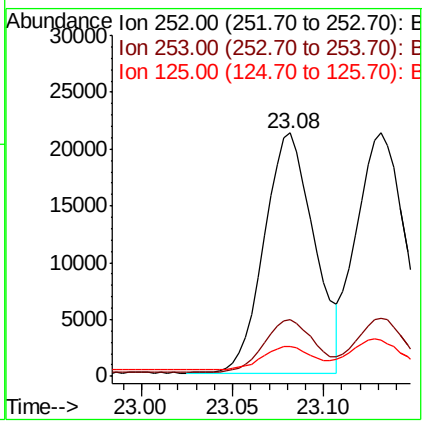


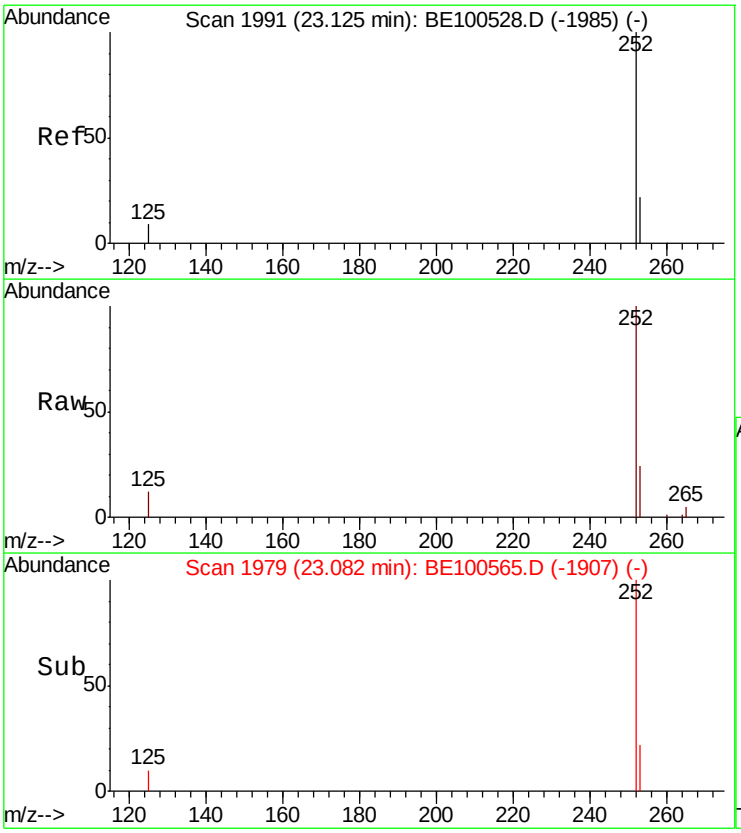
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.08 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 40232

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	12.3	8.0	12.0#

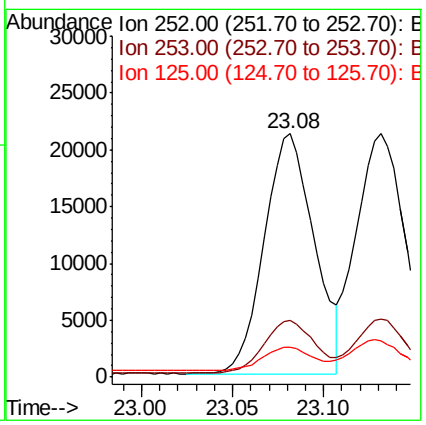


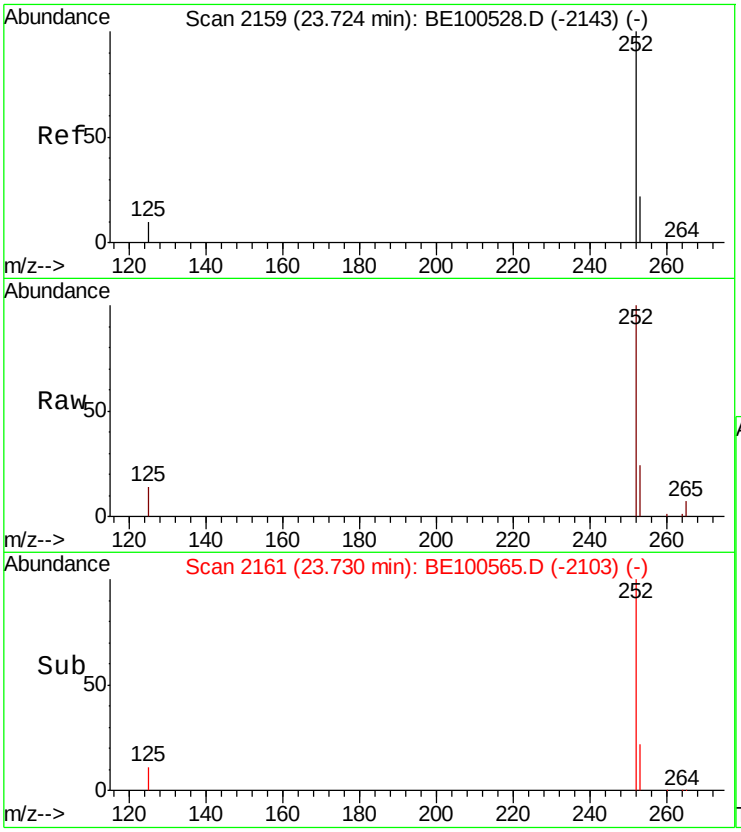


#36
Benzo(k)fluoranthene
Concen: 0.349 ng
RT: 23.08 min Scan# 1979
Delta R.T. -0.04 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:252 Resp: 40232

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	12.3	8.5	12.7



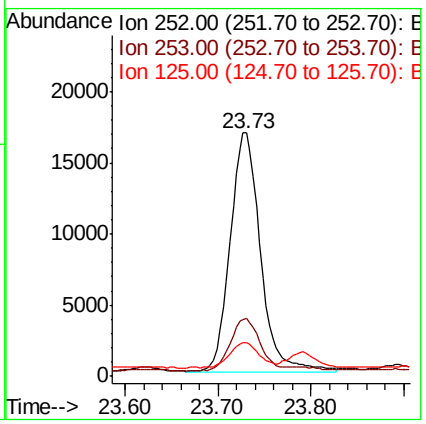


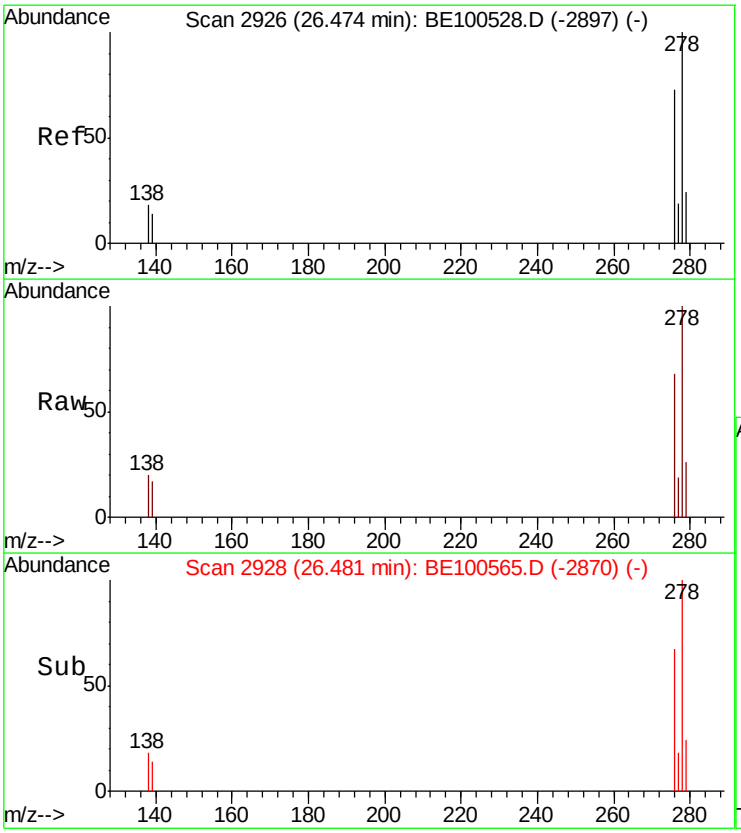
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38004

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	14.1	9.2	13.8#

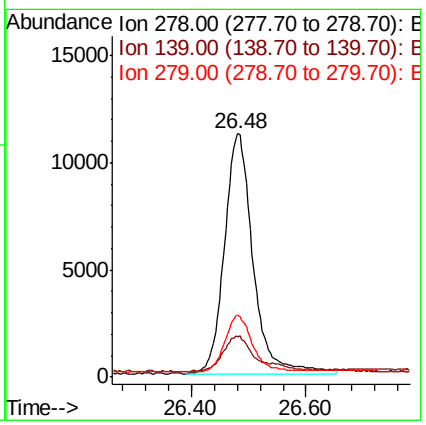


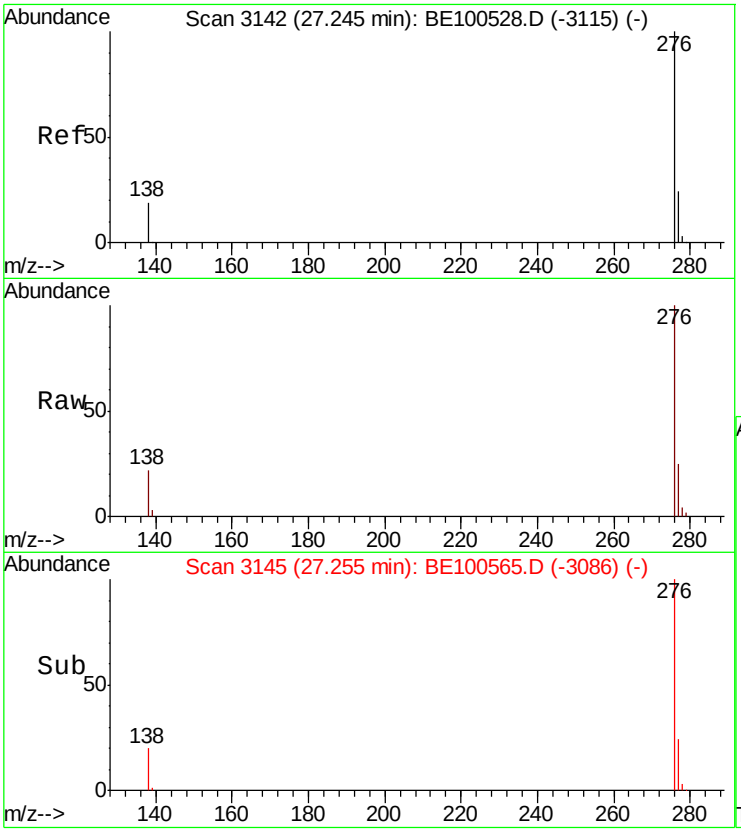


#38
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Tgt Ion:278 Resp: 38683

Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.6	17.4
279	25.6	19.7	29.5





#39
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 27.25 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BE100565.D
Acq: 26 Sep 2019 12:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 38618

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	21.6	15.7	23.5