Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100571.D
Acq On : 27 Sep 2019 14:06
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 27 18:04:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 17:54:33 2019
Response via : Initial Calibration

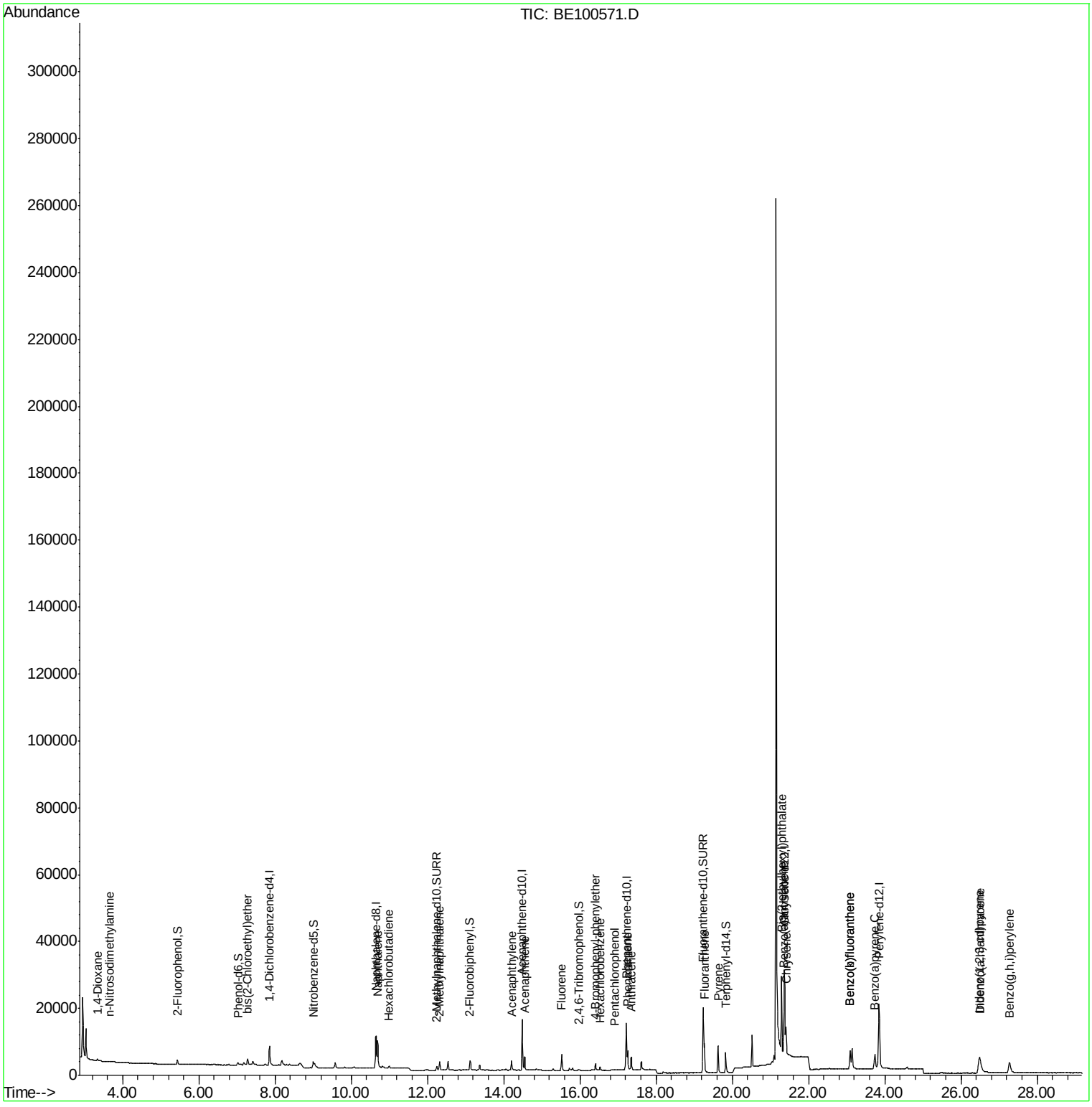
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3003	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	14431	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	9242	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	23000	0.40	ng		0.00
27) Chrysene-d12	21.37	240	27260	0.40	ng		0.00
34) Perylene-d12	23.85	264	32047	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	880	0.13	ng		0.00
5) Phenol-d6	7.02	99	1097	0.11	ng		0.00
8) Nitrobenzene-d5	9.00	82	953	0.11	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	2246	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	231	0.15	ng		0.01
15) 2-Fluorobiphenyl	13.12	172	3172	0.10	ng		0.00
25) Fluoranthene-d10	19.24	212	28321	0.10	ng		0.00
29) Terphenyl-d14	19.83	244	6417	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	830	0.192	ng	#	79
3) n-Nitrosodimethylamine	3.67	42	209	0.082	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	1025	0.105	ng		91
9) Naphthalene	10.69	128	15125	0.101	ng	#	98
10) Hexachlorobutadiene	10.99	225	484	0.101	ng		97
12) 2-Methylnaphthalene	12.31	142	2452	0.103	ng		98
16) Acenaphthylene	14.21	152	3831	0.101	ng		99
17) Acenaphthene	14.56	154	2509	0.098	ng		98
18) Fluorene	15.52	166	3258	0.101	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	996	0.092	ng	#	93
21) Hexachlorobenzene	16.53	284	856	0.091	ng		99
22) Pentachlorophenol	16.91	266	166	0.077	ng		84
23) Phenanthrene	17.26	178	6192	0.097	ng		99
24) Anthracene	17.35	178	5341	0.099	ng		99
26) Fluoranthene	19.26	202	7750	0.100	ng		100
28) Pyrene	19.63	202	8039	0.102	ng		99
30) Benzo(a)anthracene	21.35	228	7880	0.108	ng		99
31) Chrysene	21.41	228	8191	0.099	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	30110	0.384	ng		98
33) Indeno(1,2,3-cd)pyrene	26.47	276	10252	0.111	ng		97
35) Benzo(b)fluoranthene	23.09	252	8503	0.098	ng	#	91
36) Benzo(k)fluoranthene	23.09	252	8503	0.085	ng		95
37) Benzo(a)pyrene	23.74	252	8251	0.102	ng	#	88
38) Dibenzo(a,h)anthracene	26.50	278	7673	0.091	ng	#	85
39) Benzo(g,h,i)perylene	27.27	276	8711	0.099	ng	#	92

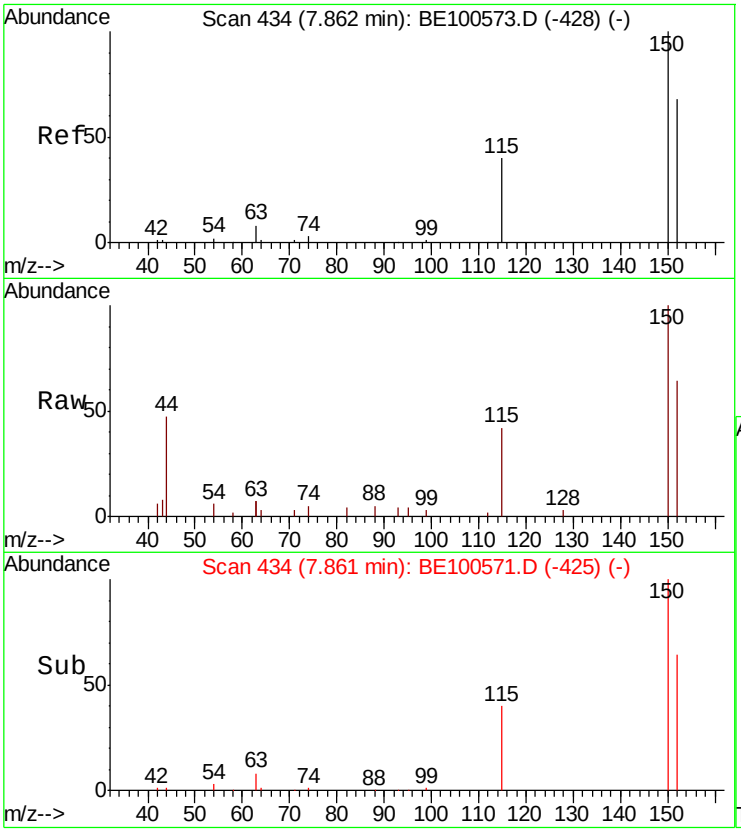
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100571.D
Acq On : 27 Sep 2019 14:06
Operator : JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 27 18:04:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 17:54:33 2019
Response via : Initial Calibration



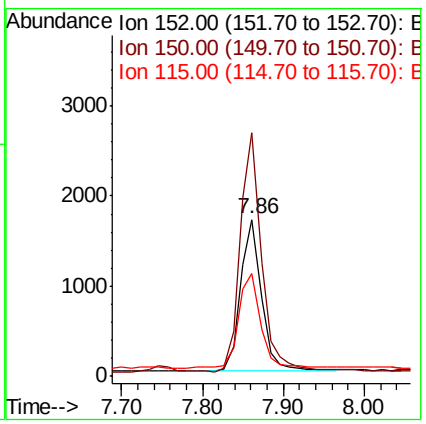


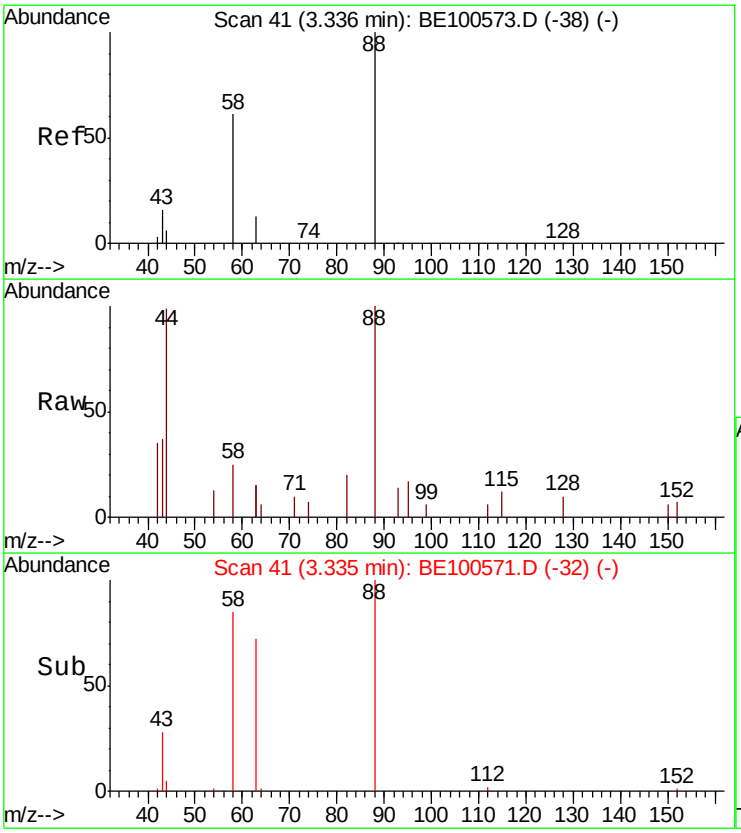
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3003

Ion	Ratio	Lower	Upper
152	100		
150	155.3	116.9	175.3
115	65.4	50.2	75.4

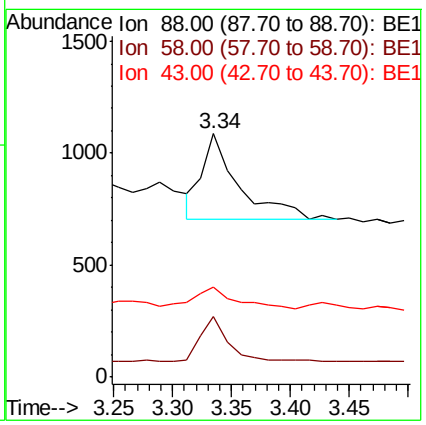


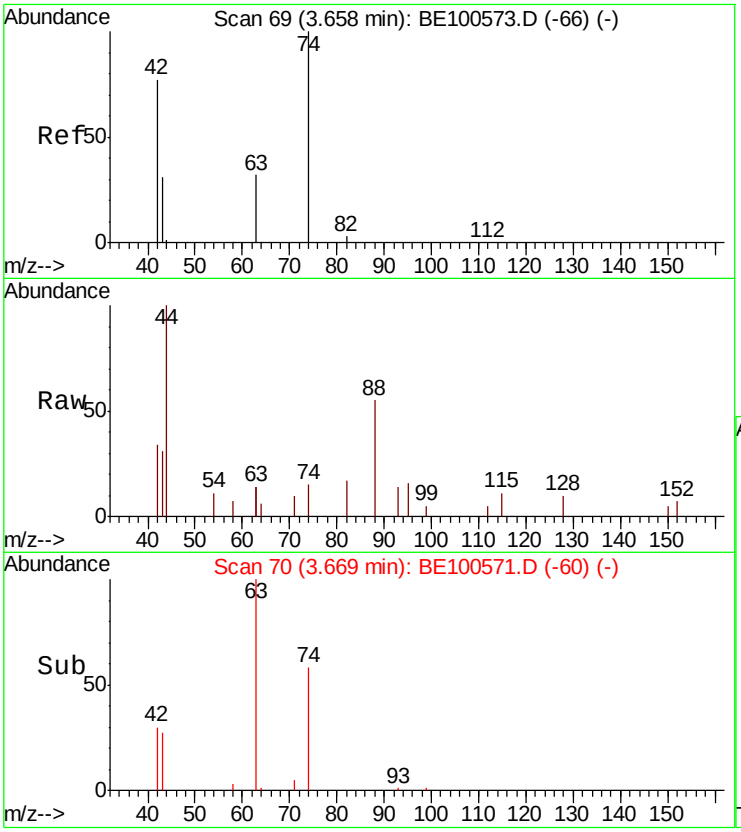


#2
1,4-Dioxane
Concen: 0.192 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion: 88 Resp: 830

Ion	Ratio	Lower	Upper
88	100		
58	41.1	46.4	69.6#
43	28.9	16.7	25.1#



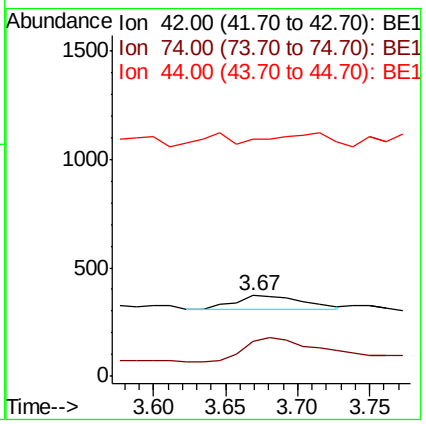


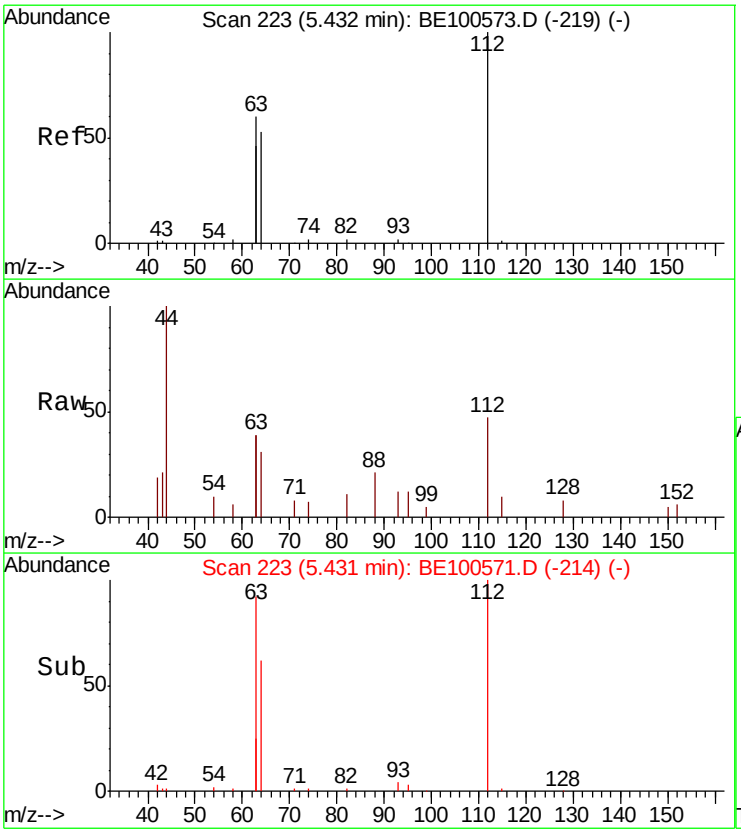
#3
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 209

Ion	Ratio	Lower	Upper
42	100		
74	185.2	0.0	0.0#
44	0.0	0.0	0.0

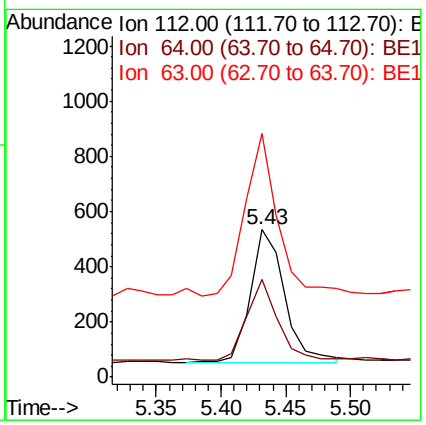


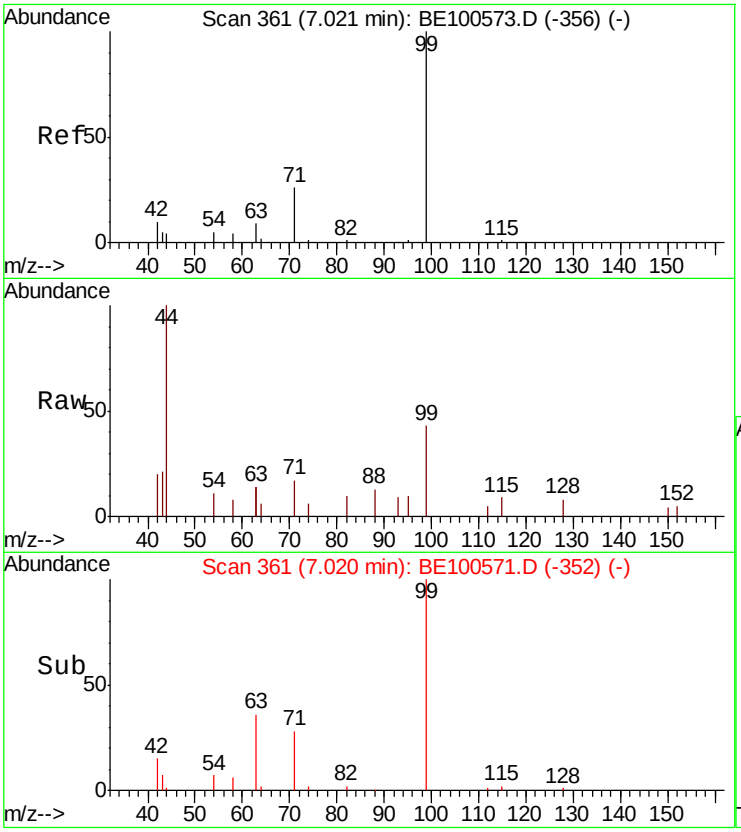


#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:112 Resp: 880

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.9	67.3
63	116.5	90.1	135.1



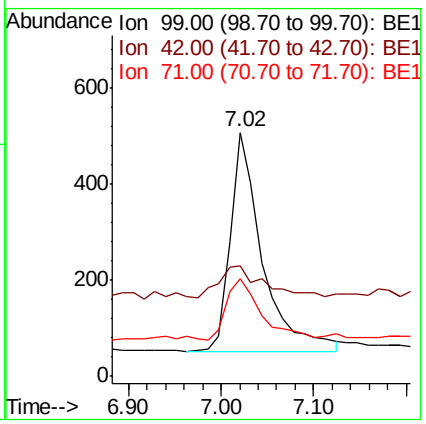


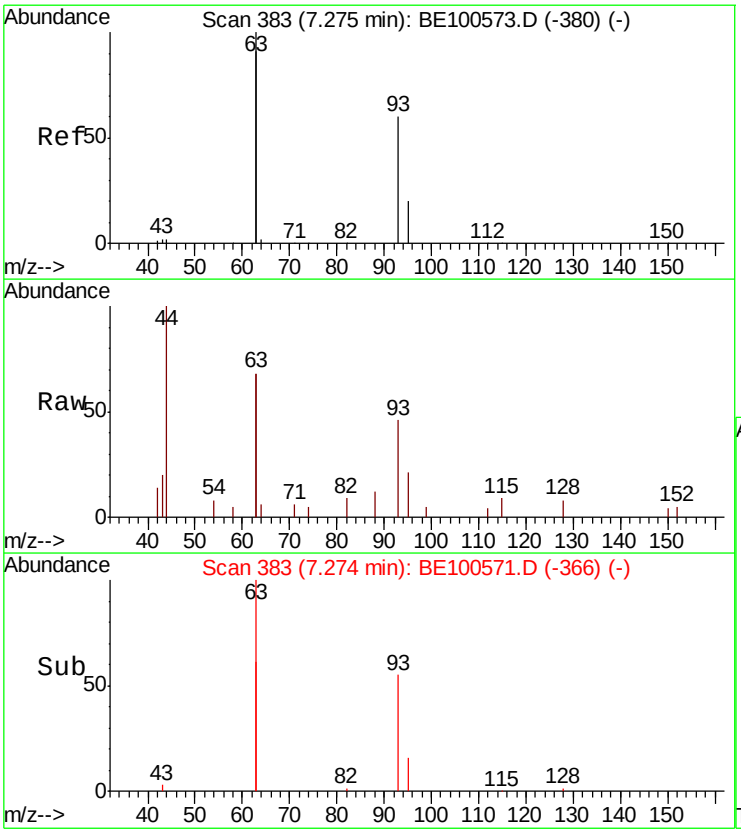
#5
Phenol-d6
Concen: 0.114 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1097

Ion	Ratio	Lower	Upper
99	100		
42	21.1	11.7	17.5#
71	28.6	23.6	35.4

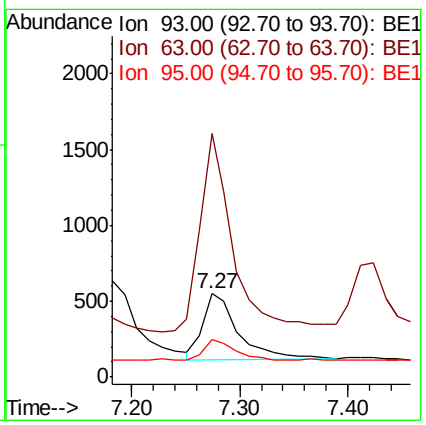


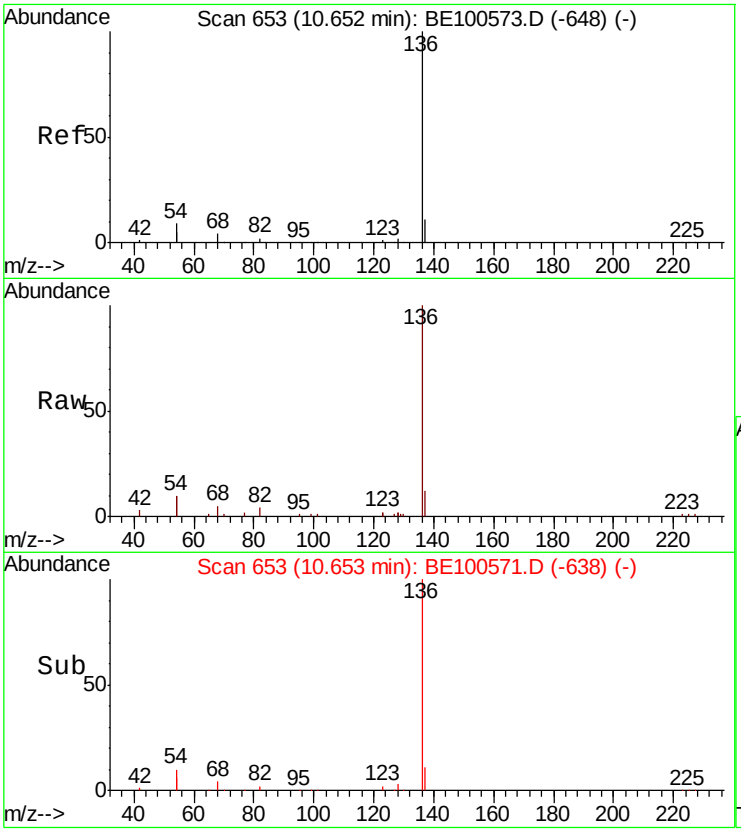


#6
bis(2-Chloroethyl)ether
Concen: 0.105 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion: 93 Resp: 1025

Ion	Ratio	Lower	Upper
93	100		
63	266.2	228.3	342.5
95	28.3	24.2	36.4



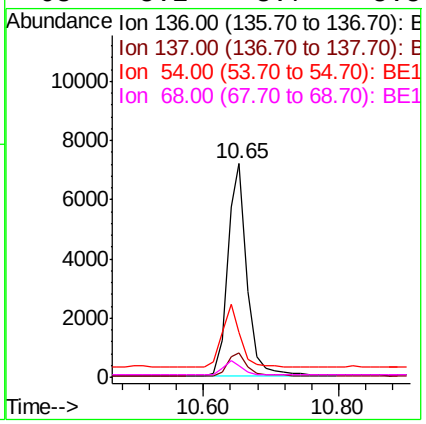


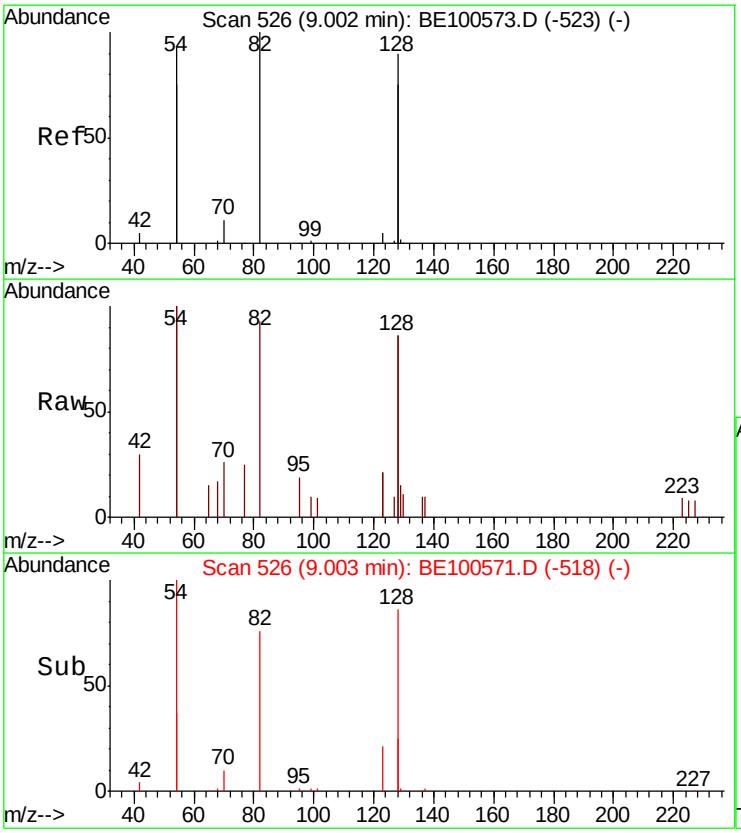
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 14431

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	20.7	15.0	22.6
68	5.2	3.7	5.5

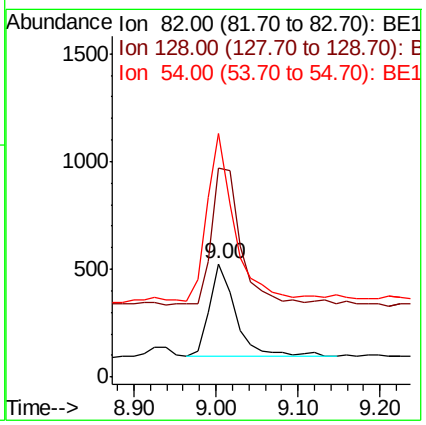


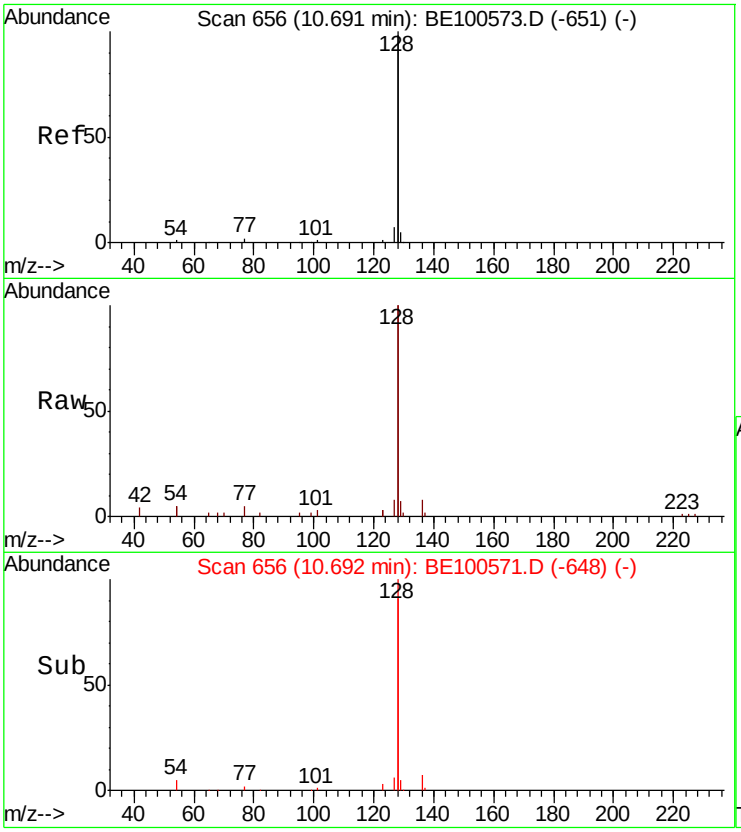


#8
Nitrobenzene-d5
Concen: 0.115 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion: 82 Resp: 953

Ion	Ratio	Lower	Upper
82	100		
128	184.8	137.9	206.9
54	215.2	143.0	214.6#



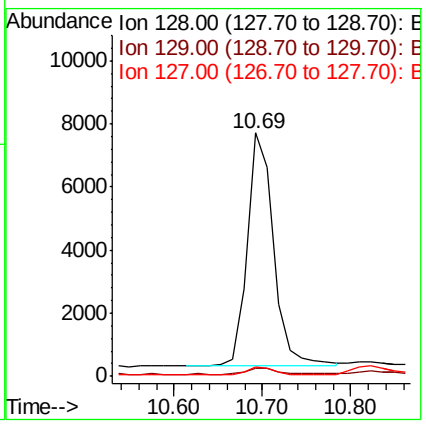


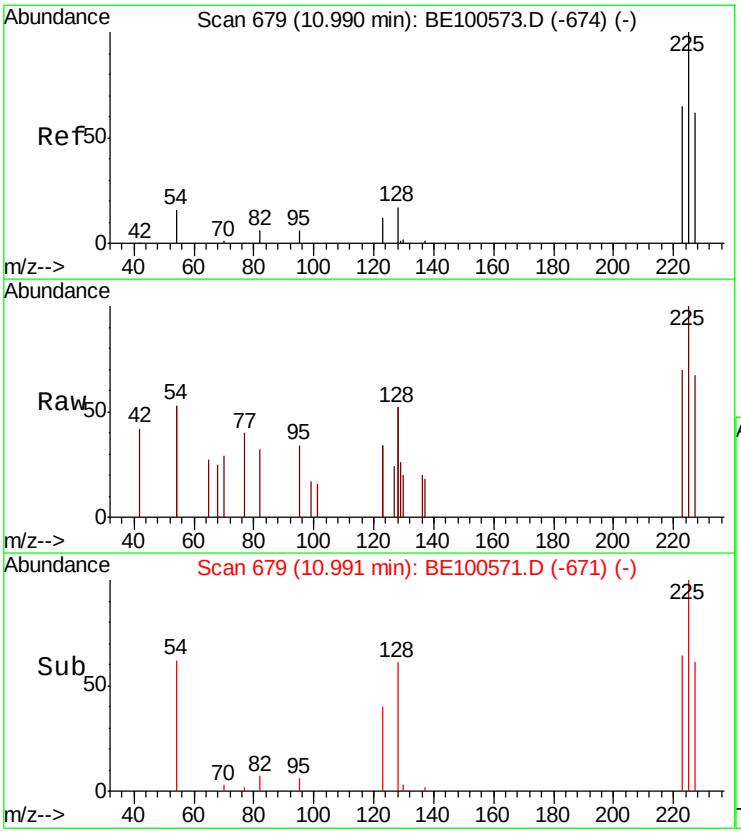
#9
Naphthalene
Concen: 0.101 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 15125

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.2	3.4#
127	3.9	2.8	4.2

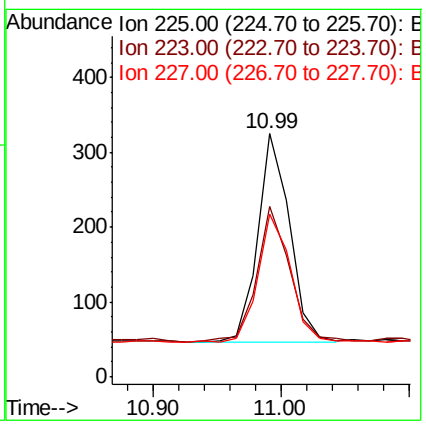


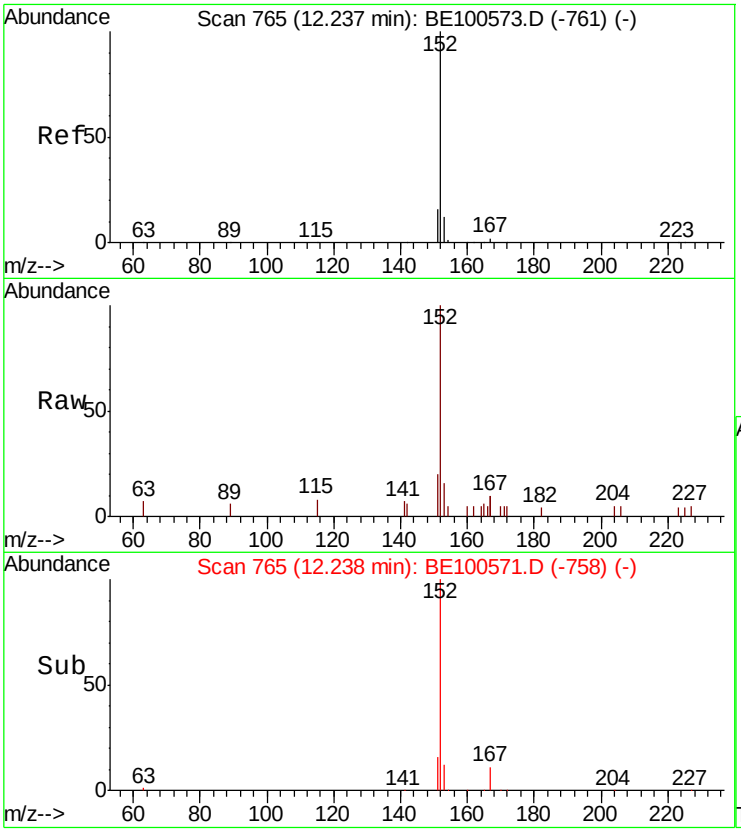


#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:225 Resp: 484

Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.4	74.0
227	62.4	50.3	75.5



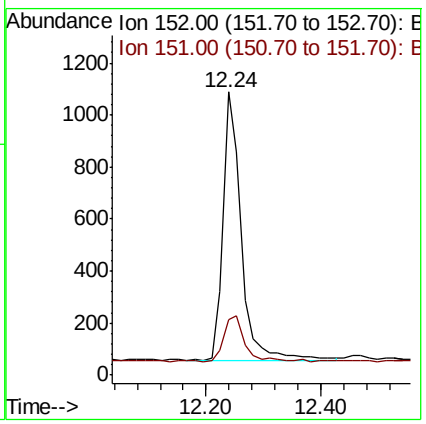


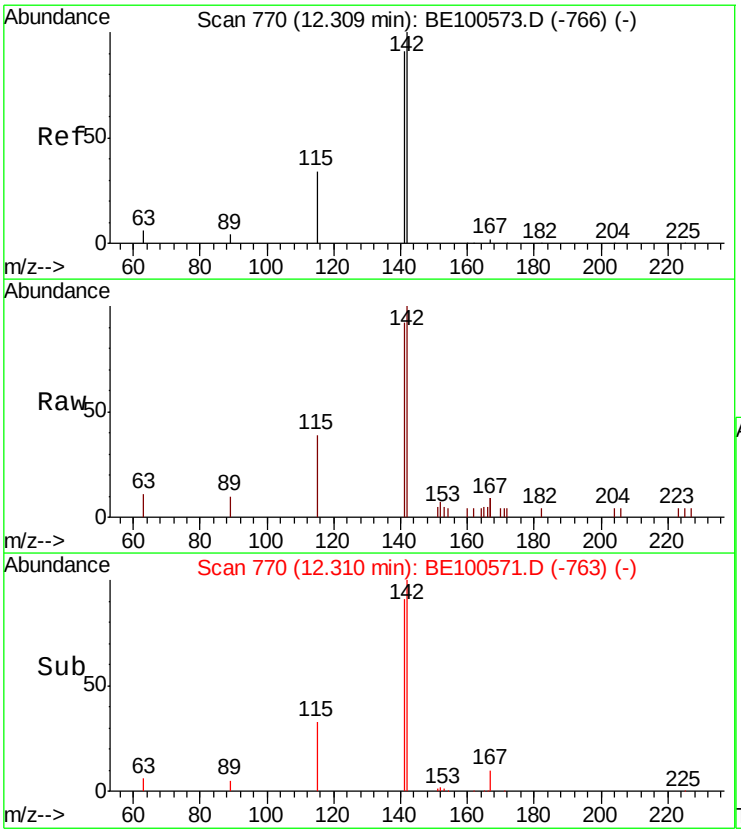
#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2246

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.3	22.9

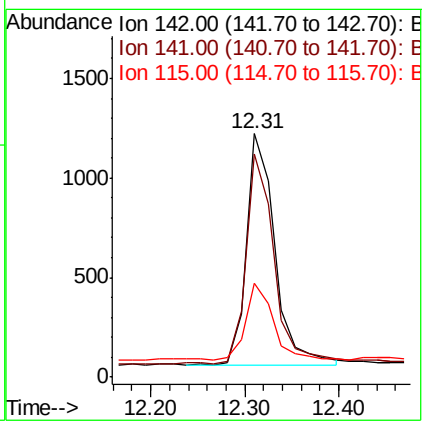


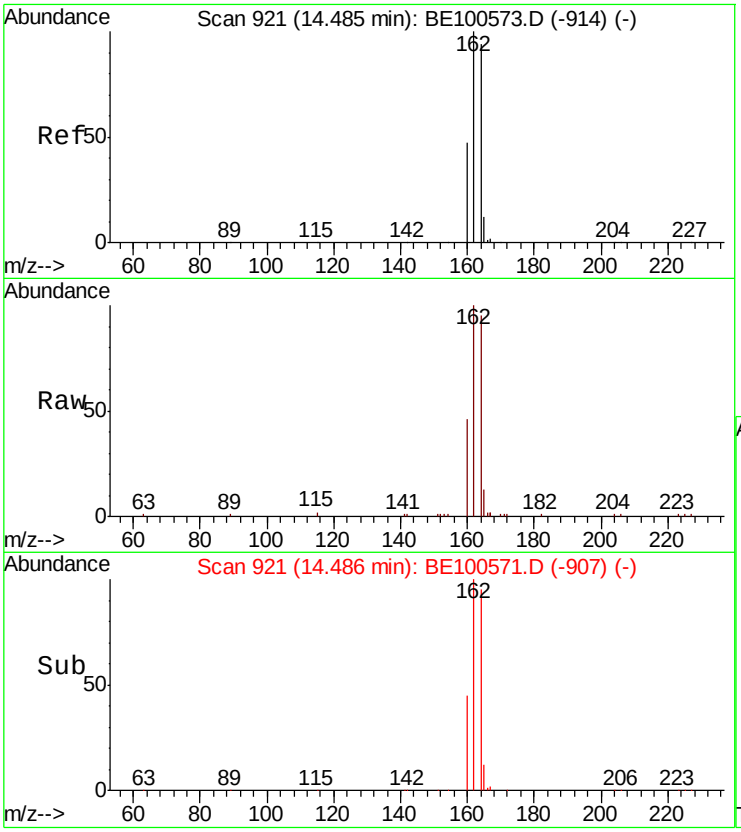


#12
2-Methylnaphthalene
Concen: 0.103 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:142 Resp: 2452

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8
115	38.7	28.2	42.2



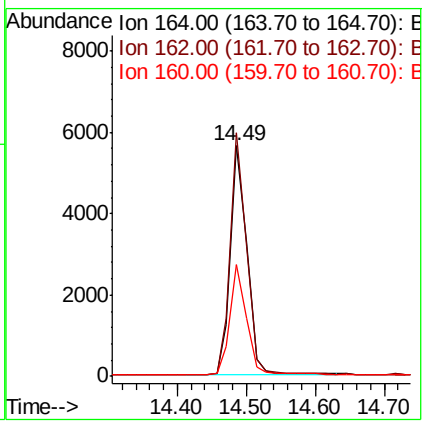


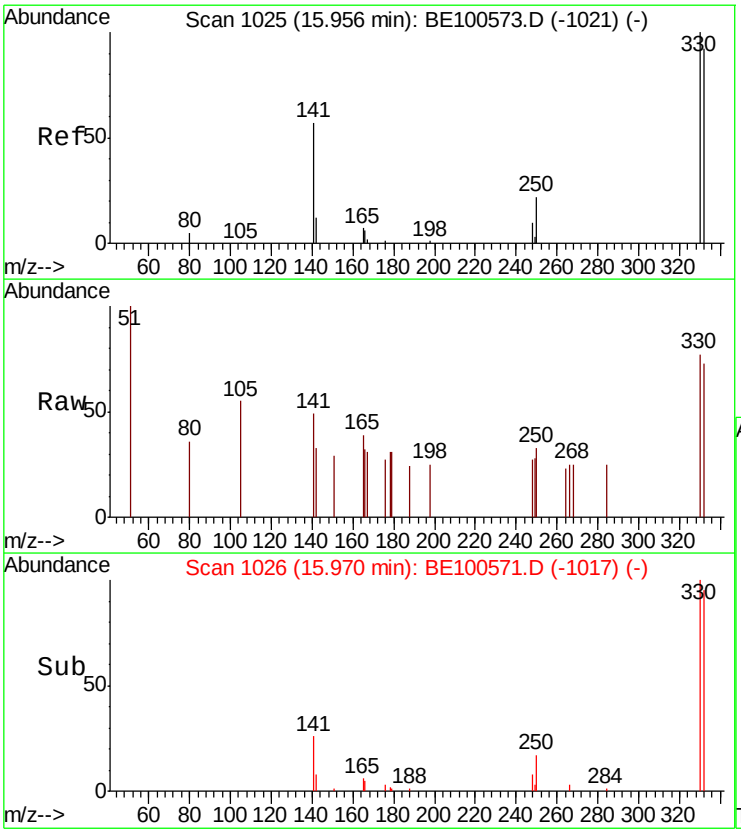
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9242

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.0	127.4
160	48.5	40.2	60.4

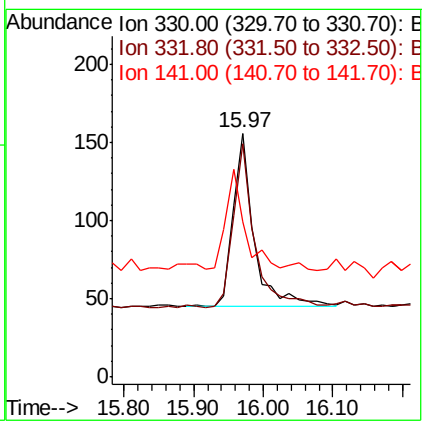


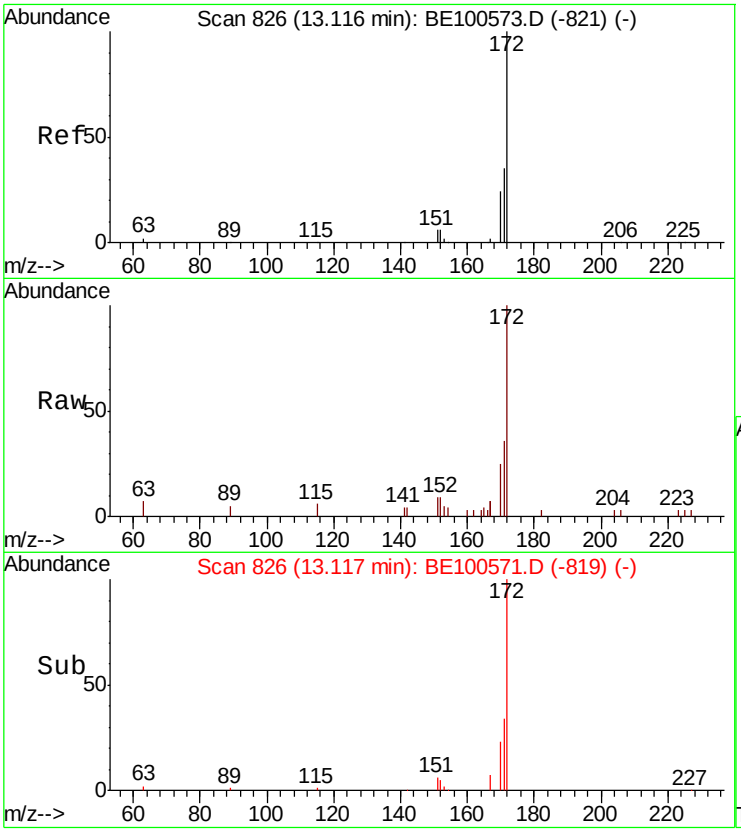


#14
2,4,6-Tribromophenol
Concen: 0.155 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:330 Resp: 231

Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.1	117.1
141	50.2	42.1	63.1



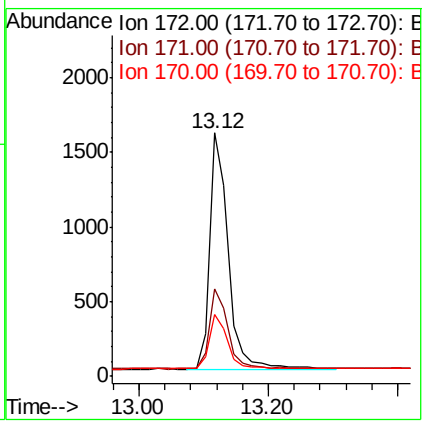


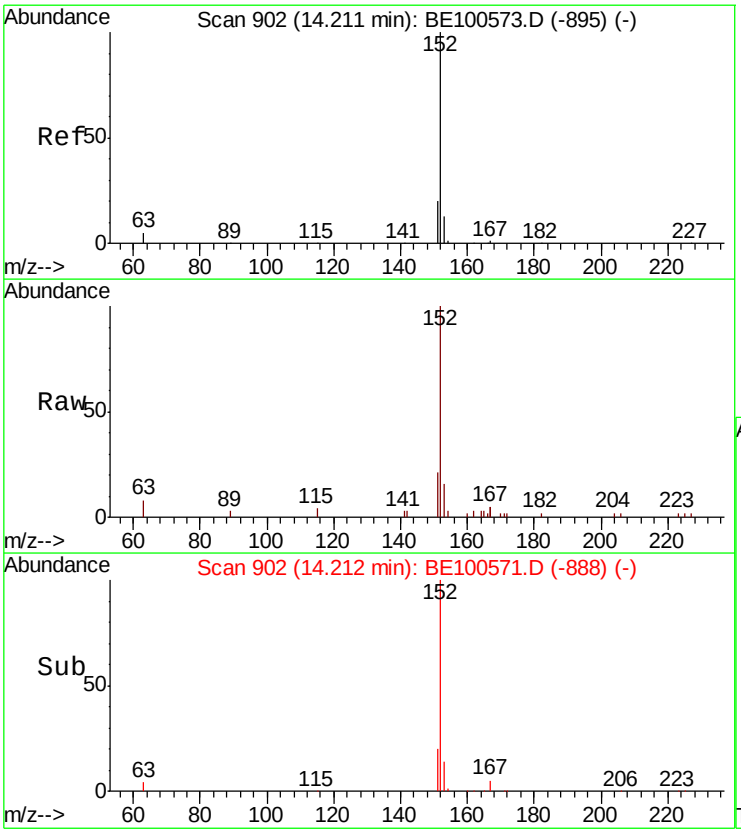
#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3172

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	25.3	19.2	28.8

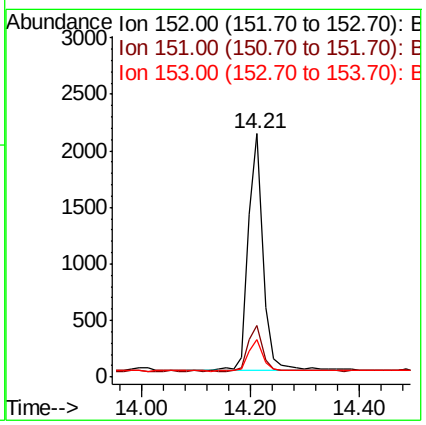


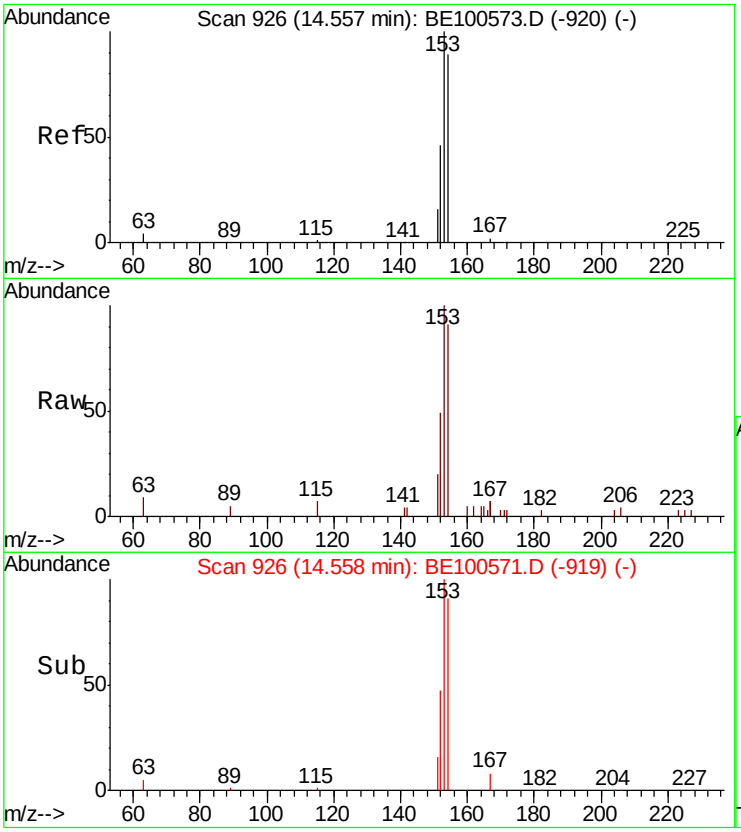


#16
Acenaphthylene
Concen: 0.101 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:152 Resp: 3831

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	13.3	10.6	16.0



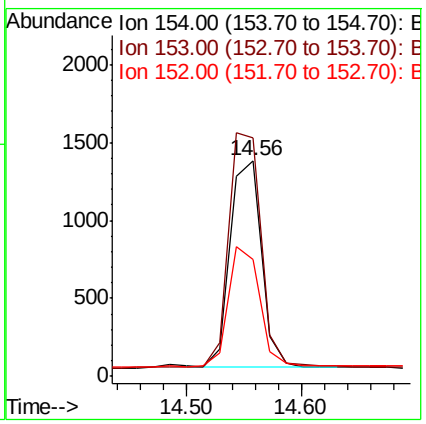


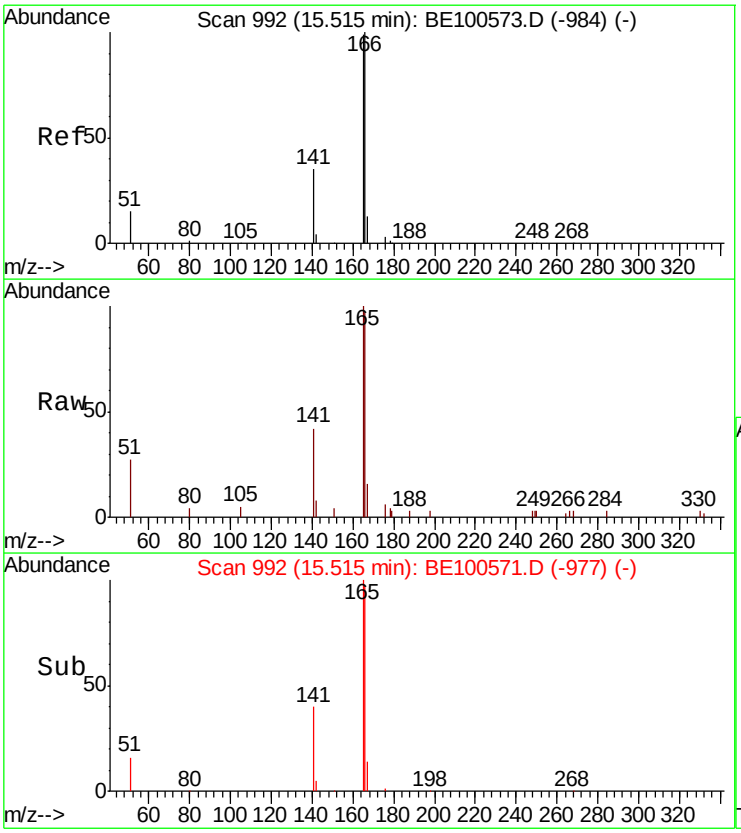
#17
Acenaphthene
Concen: 0.098 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2509

Ion	Ratio	Lower	Upper
154	100		
153	117.3	92.7	139.1
152	58.5	45.6	68.4

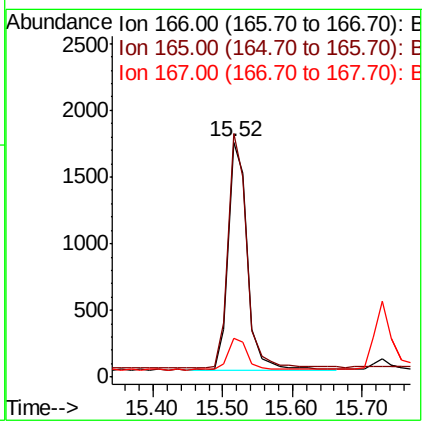


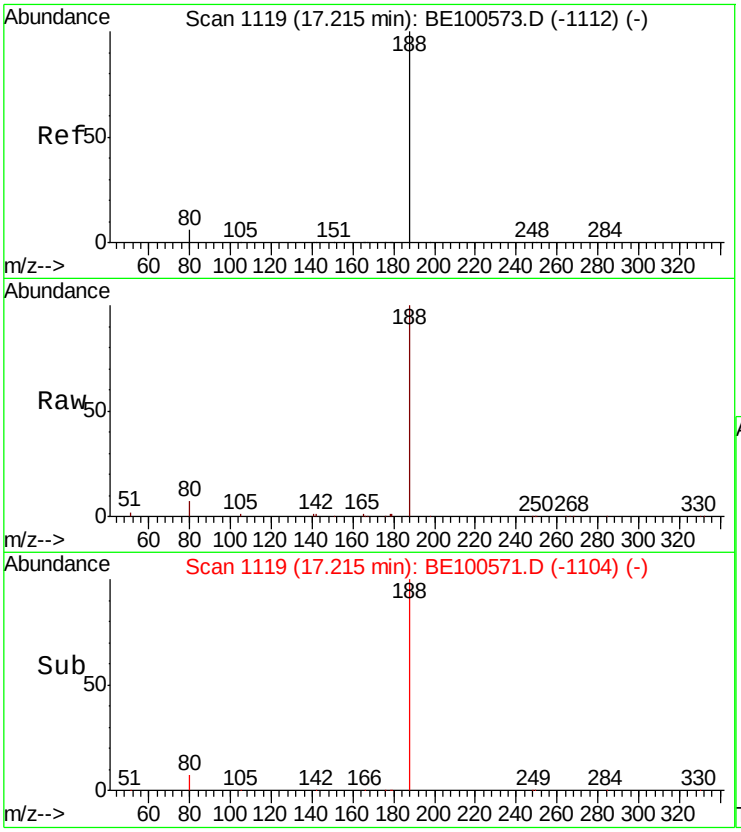


#18
Fluorene
Concen: 0.101 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:166 Resp: 3258

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.0	117.0
167	14.3	10.7	16.1



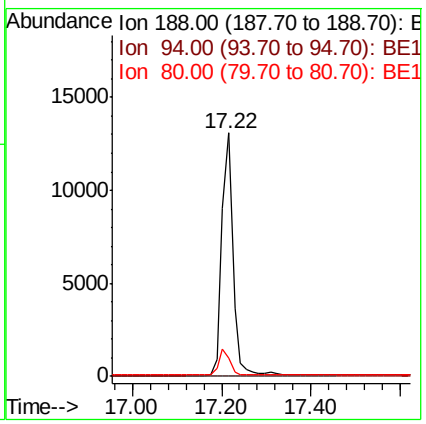


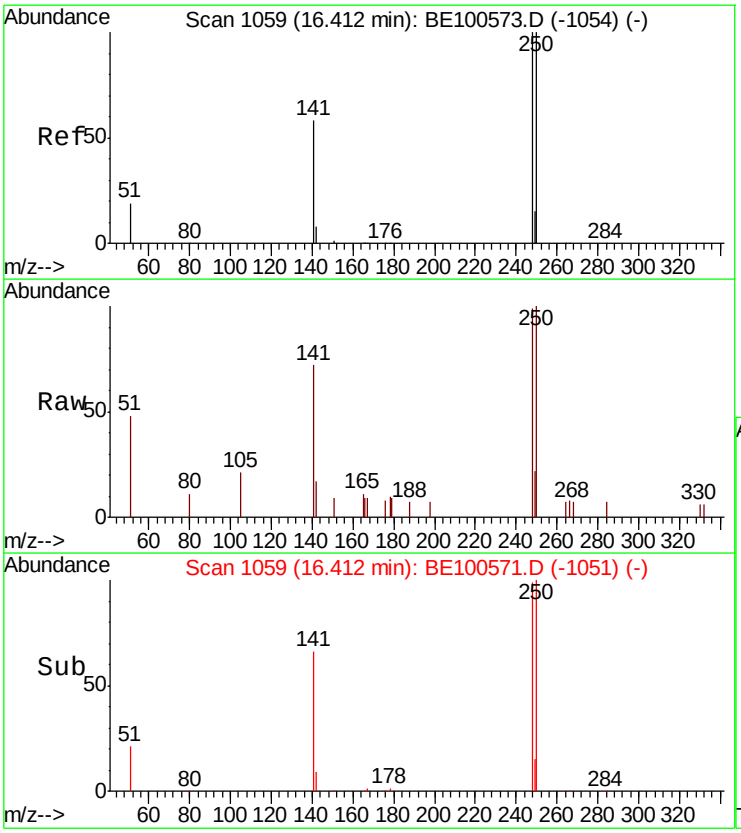
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 23000

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	5.6	8.4

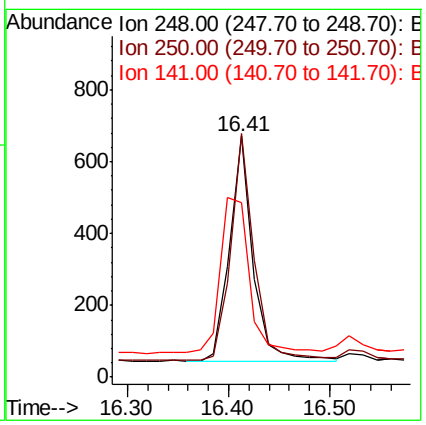


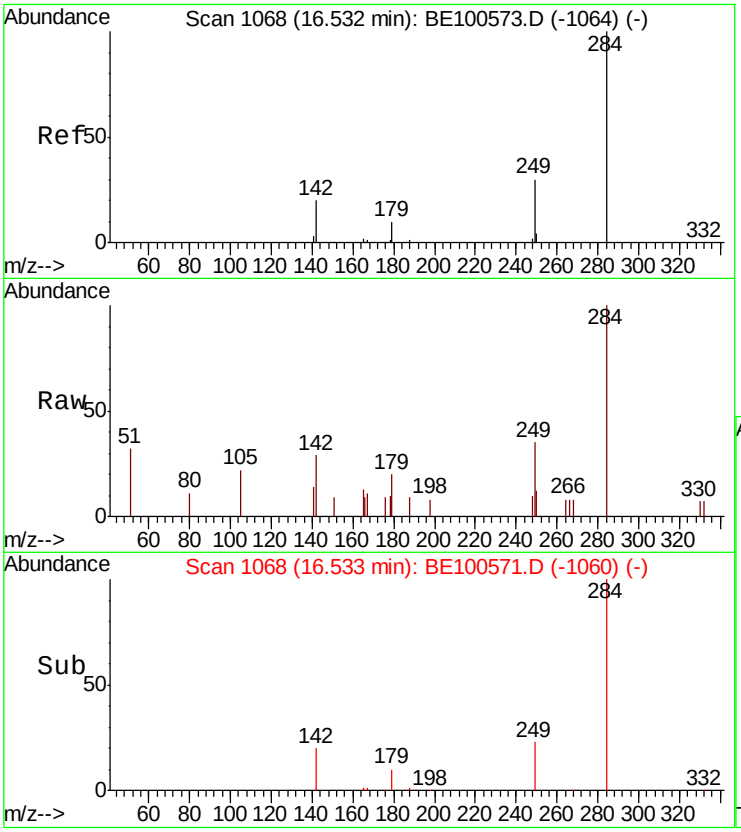


#20
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:248 Resp: 996

Ion	Ratio	Lower	Upper
248	100		
250	101.2	79.9	119.9
141	72.4	47.7	71.5#



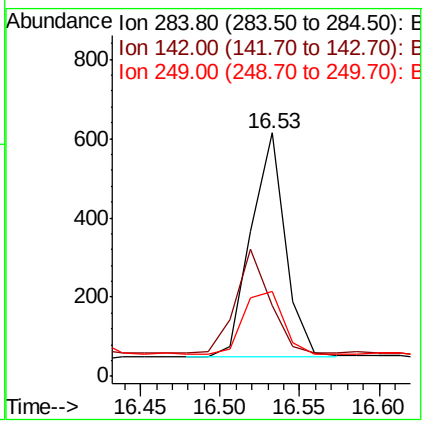


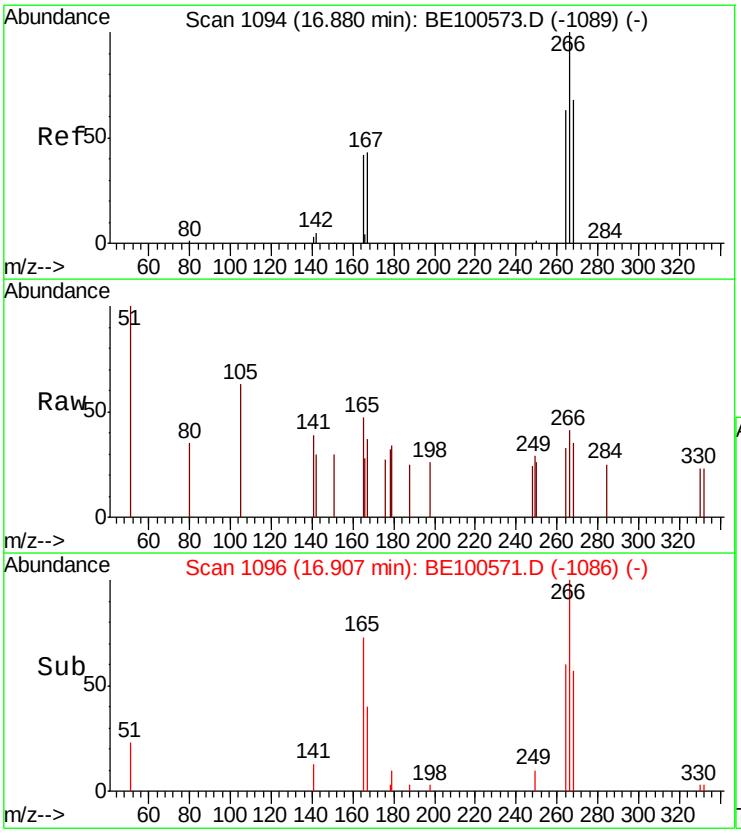
#21
Hexachlorobenzene
Concen: 0.091 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 856

Ion	Ratio	Lower	Upper
284	100		
142	46.0	37.0	55.4
249	32.8	27.0	40.4

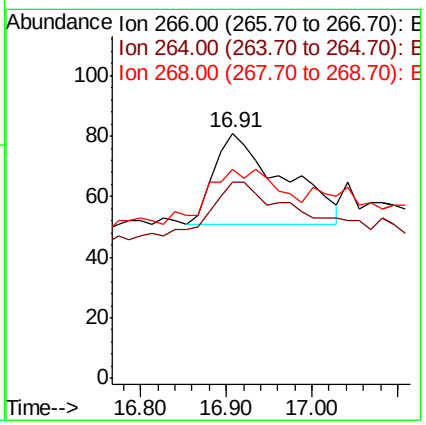


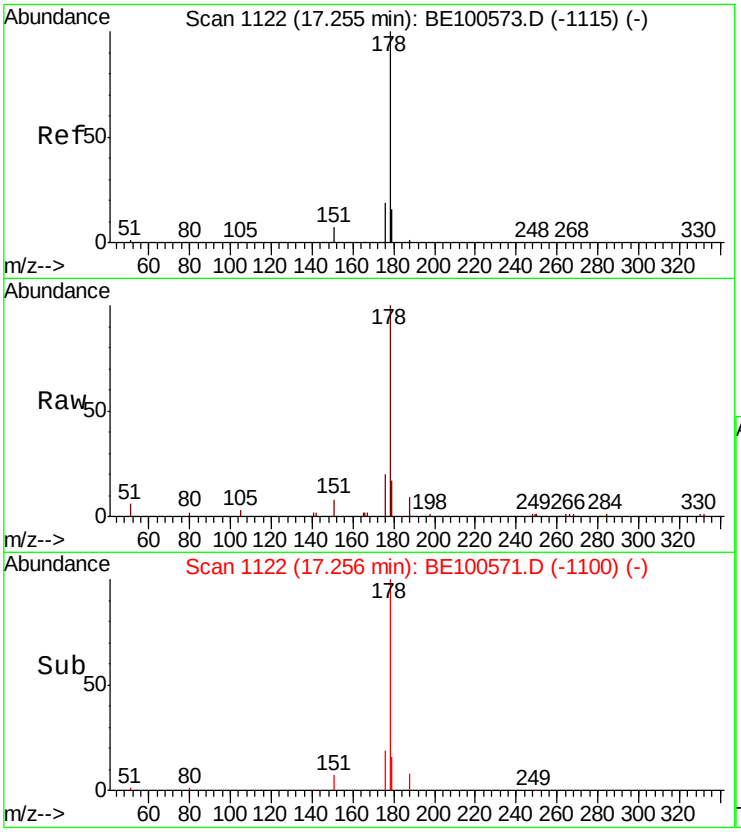


#22
Pentachlorophenol
Concen: 0.077 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.03 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:266 Resp: 166

Ion	Ratio	Lower	Upper
266	100		
264	80.2	53.5	80.3
268	85.2	58.3	87.5



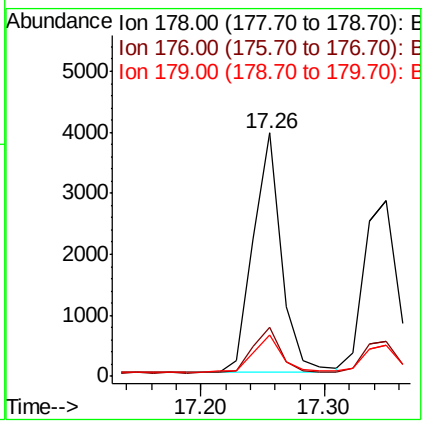


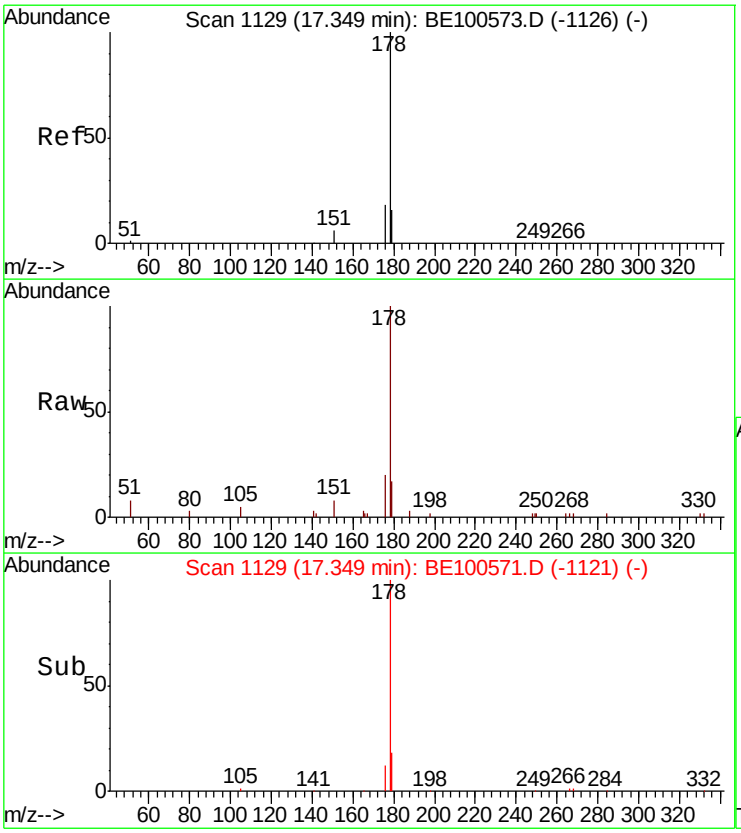
#23
Phenanthrene
Concen: 0.097 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6192

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.9	12.4	18.6

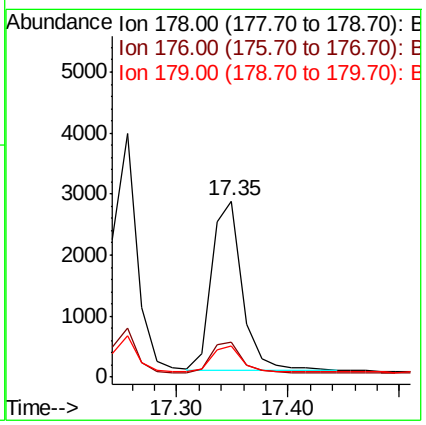


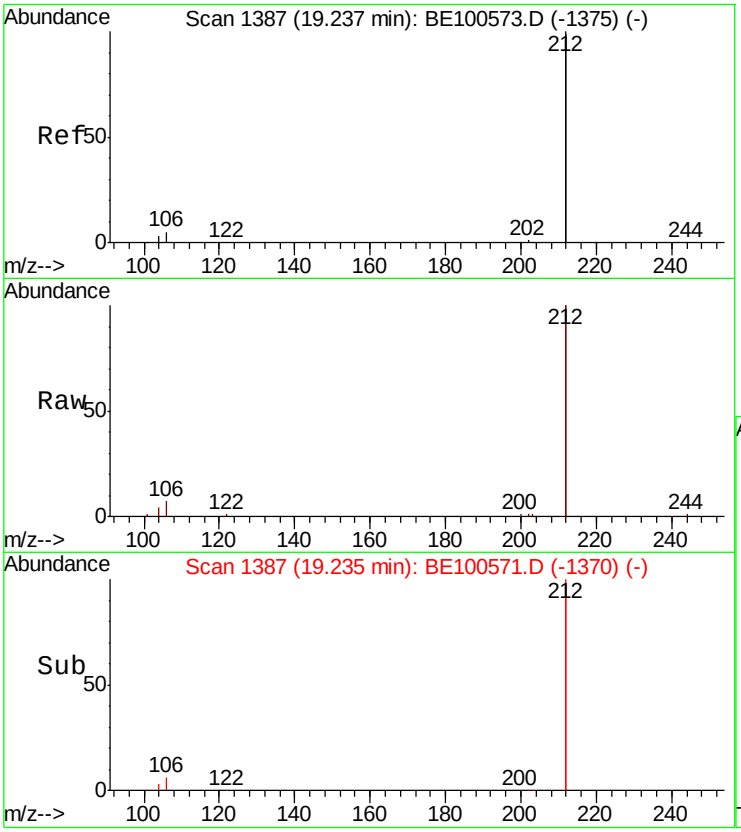


#24
Anthracene
Concen: 0.099 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:178 Resp: 5341

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.1	12.3	18.5



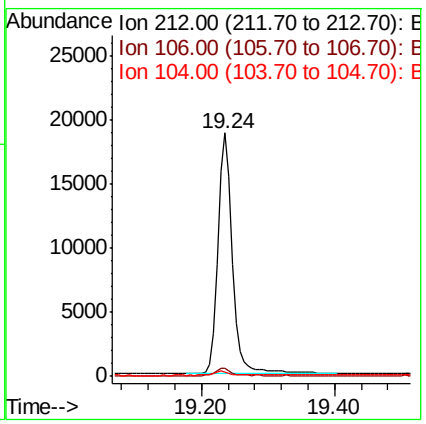


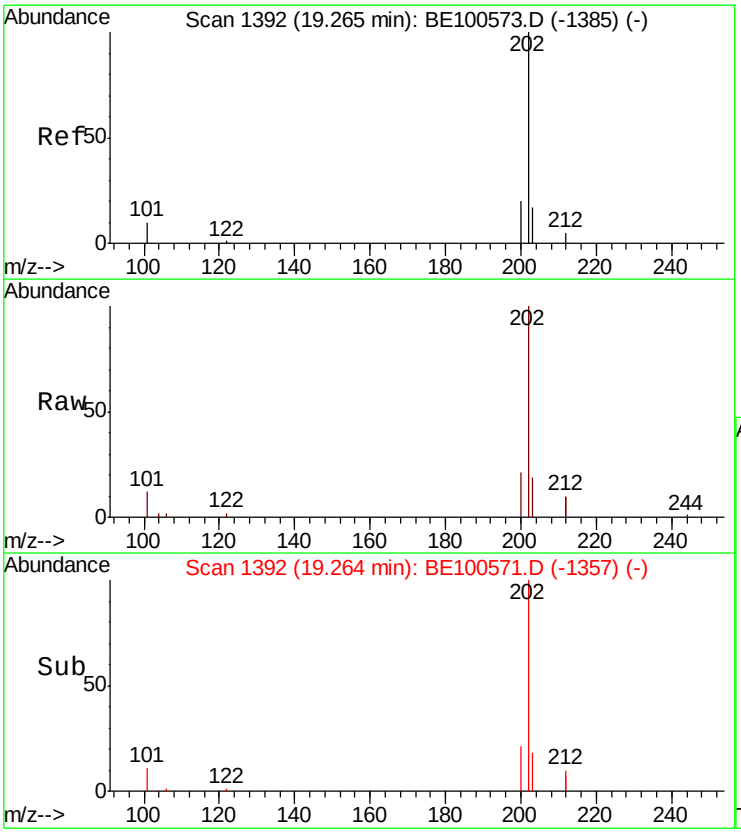
#25
Fluoranthene-d10
Concen: 0.104 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 28321

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.5	3.7
104	1.8	1.4	2.0

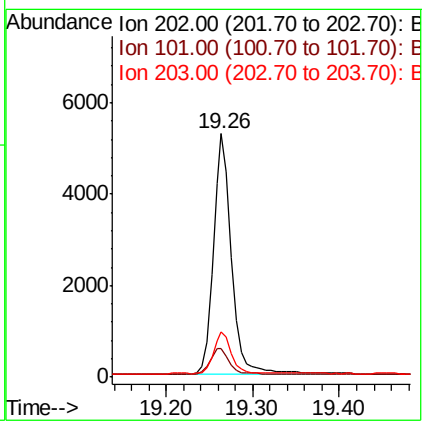


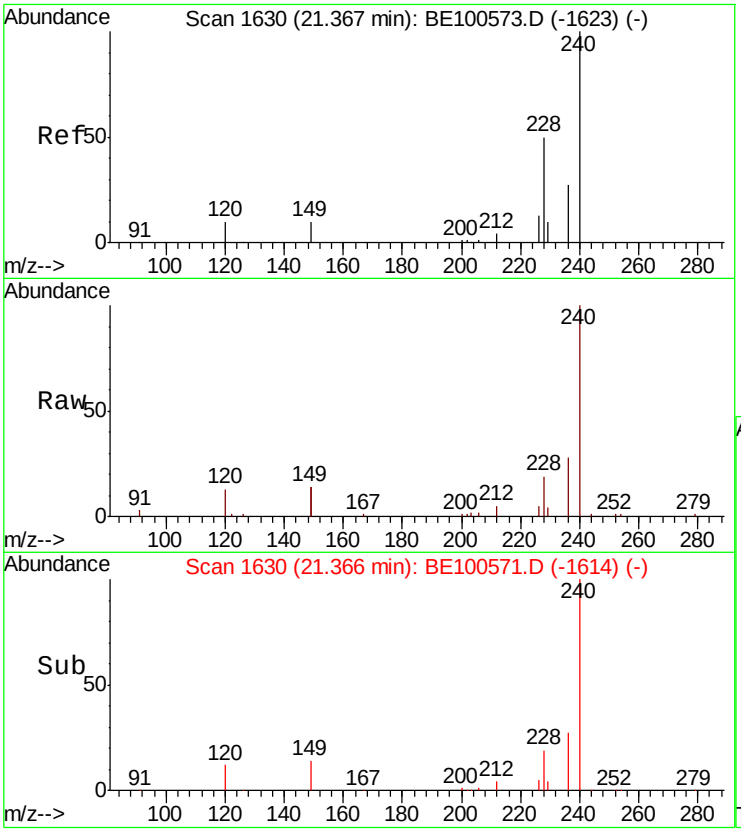


#26
Fluoranthene
Concen: 0.100 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:202 Resp: 7750

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.3	13.6	20.4



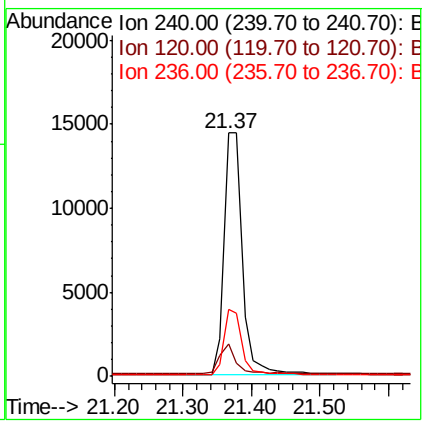


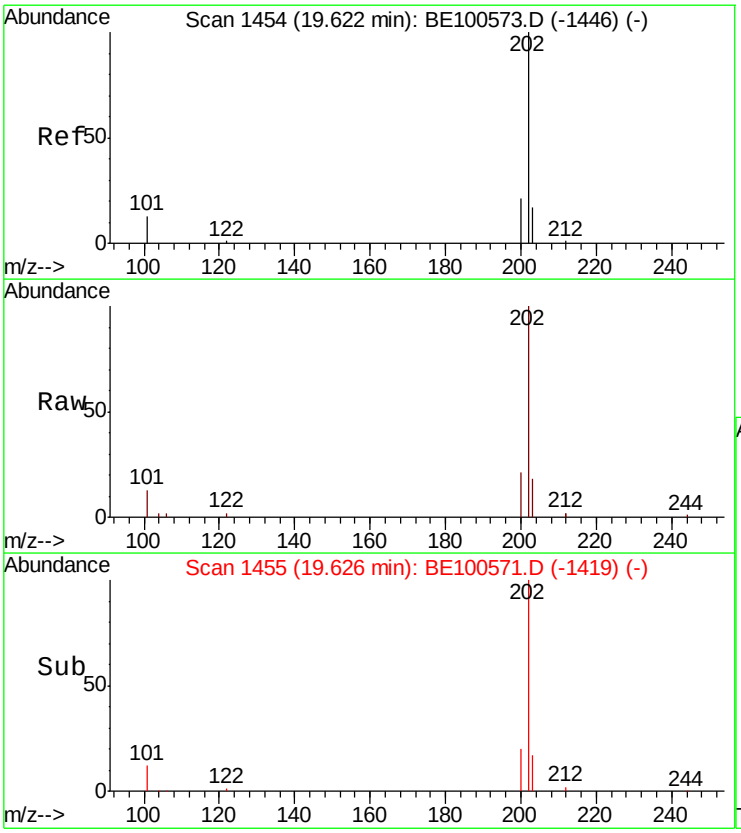
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 27260

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.7	13.1#
236	27.7	21.8	32.8

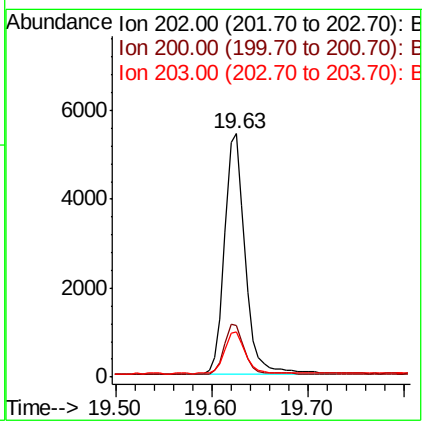


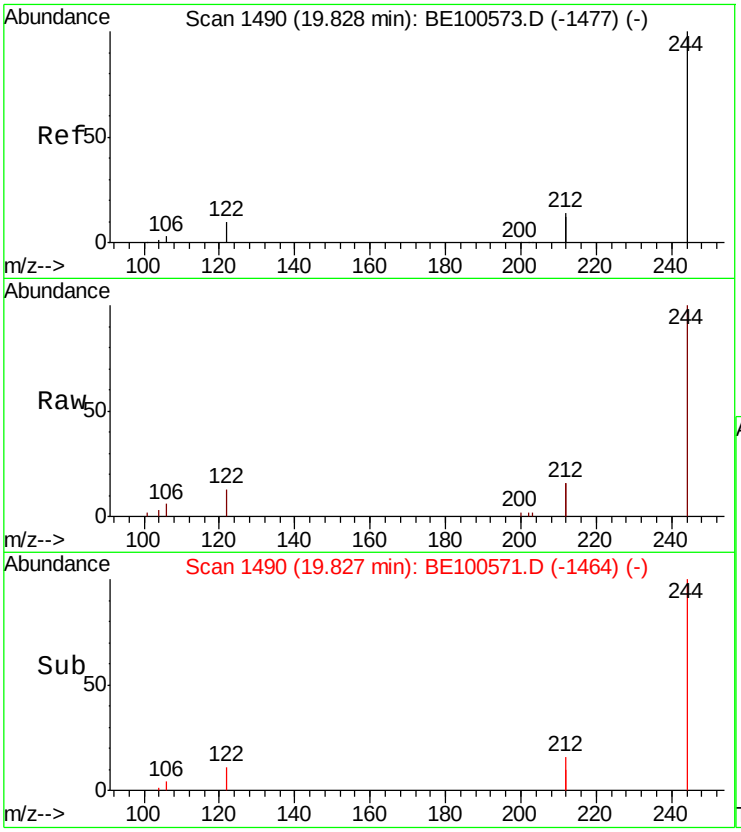


#28
Pyrene
Concen: 0.102 ng
RT: 19.63 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:202 Resp: 8039

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.3	14.2	21.2



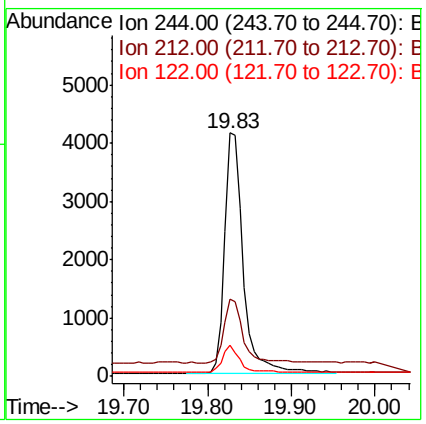


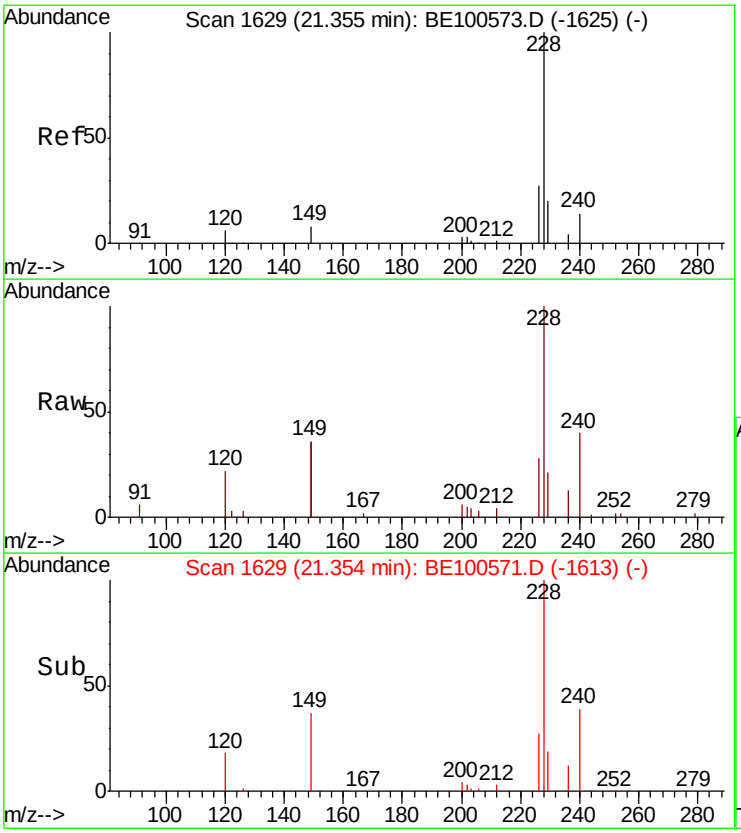
#29
Terphenyl-d14
Concen: 0.099 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6417

Ion	Ratio	Lower	Upper
244	100		
212	31.9	21.8	32.8
122	12.5	8.2	12.4#

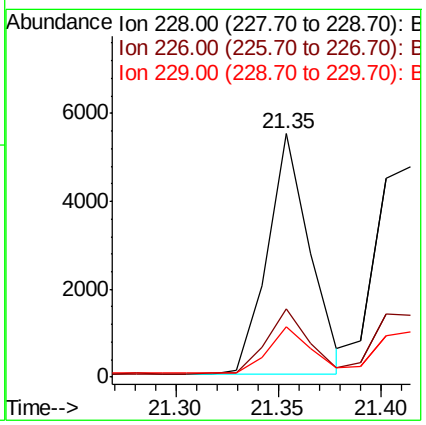


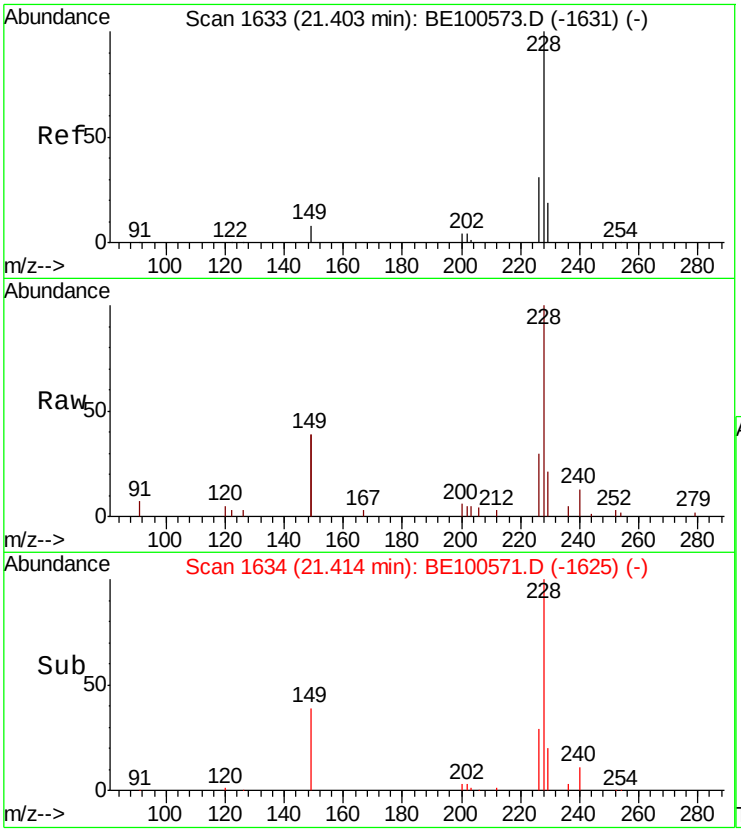


#30
Benzo(a)anthracene
Concen: 0.108 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:228 Resp: 7880

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.7	32.5
229	20.7	16.1	24.1



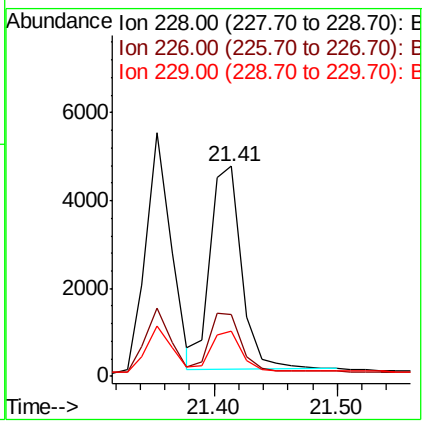


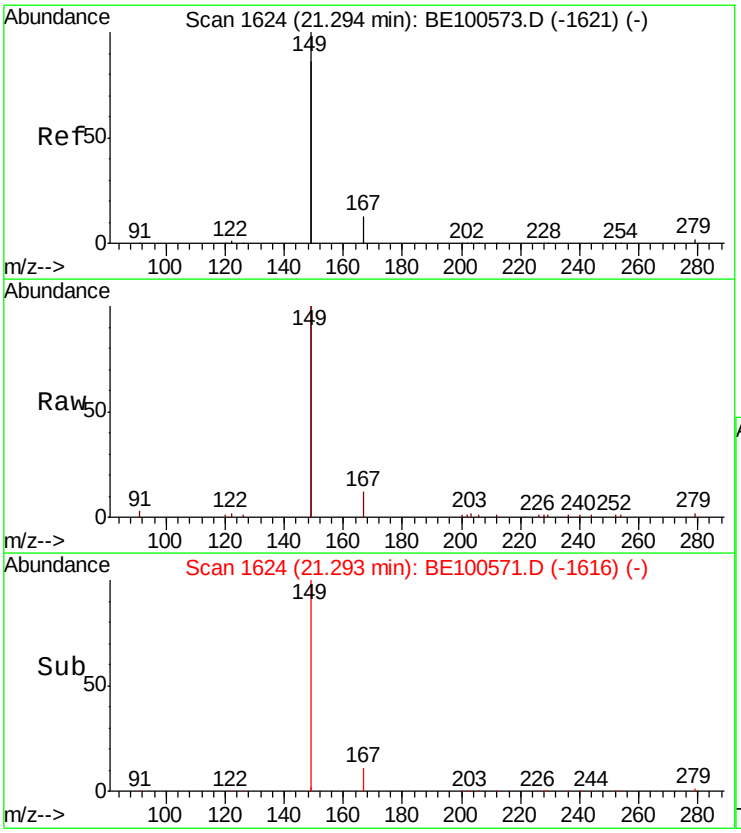
#31
Chrysene
Concen: 0.099 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8191

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	21.4	15.6	23.4

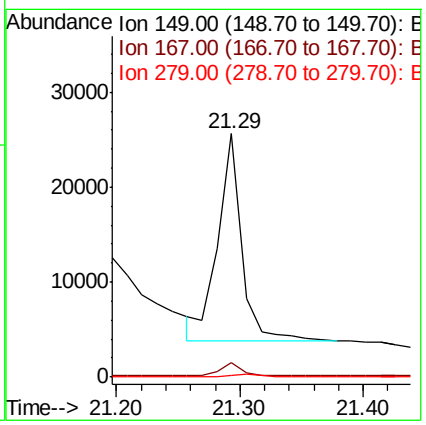


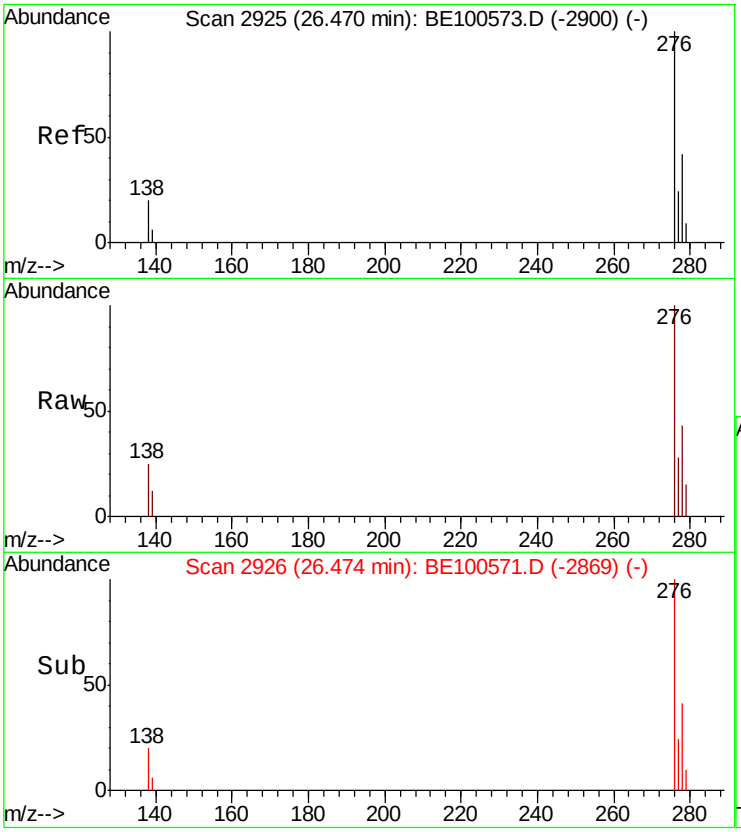


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.384 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:149 Resp: 30110

Ion	Ratio	Lower	Upper
149	100		
167	5.7	5.0	7.6
279	1.0	0.8	1.2



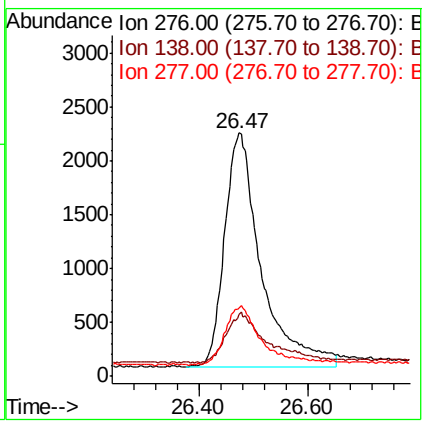


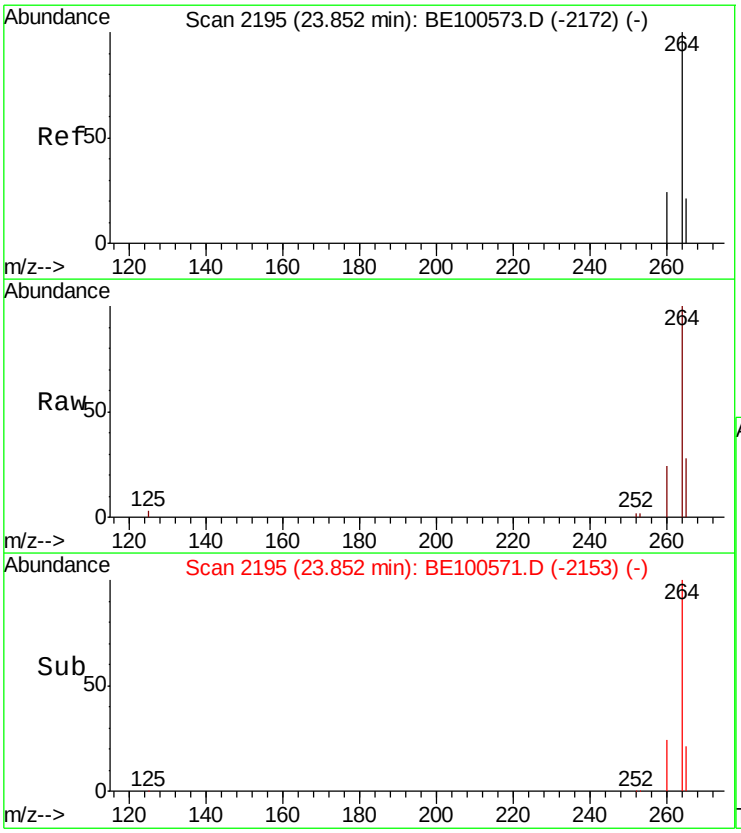
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng
RT: 26.47 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10252

Ion	Ratio	Lower	Upper
276	100		
138	21.3	18.6	27.8
277	23.2	19.4	29.2

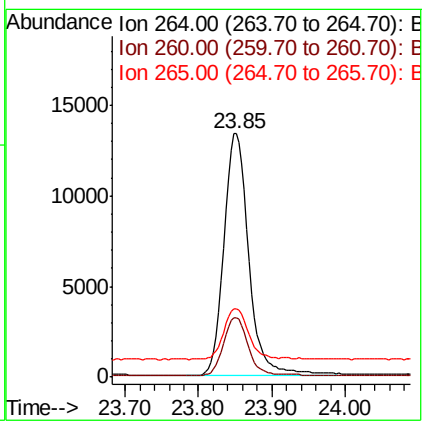


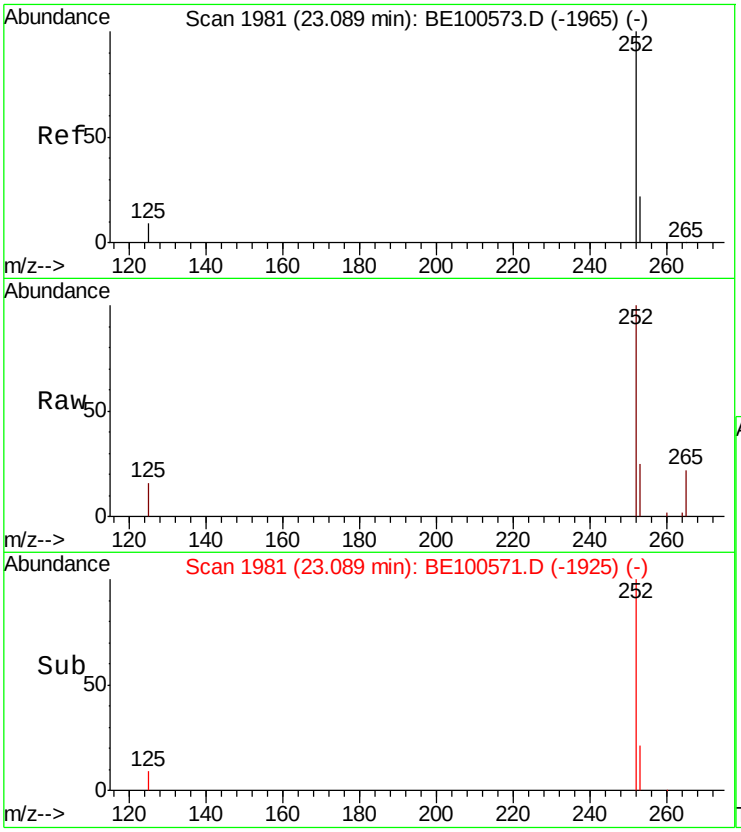


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:264 Resp: 32047

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	28.3	22.2	33.4



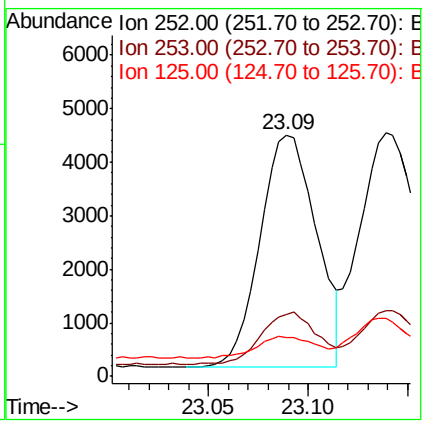


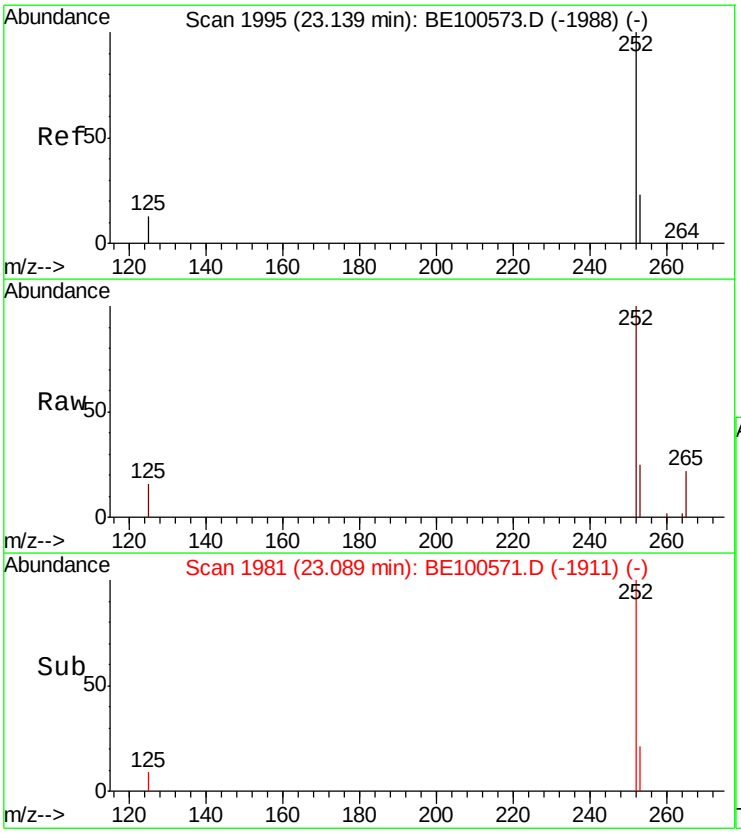
#35
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8503

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	16.3	8.7	13.1#

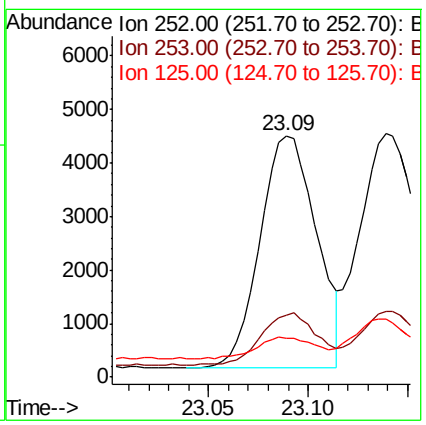


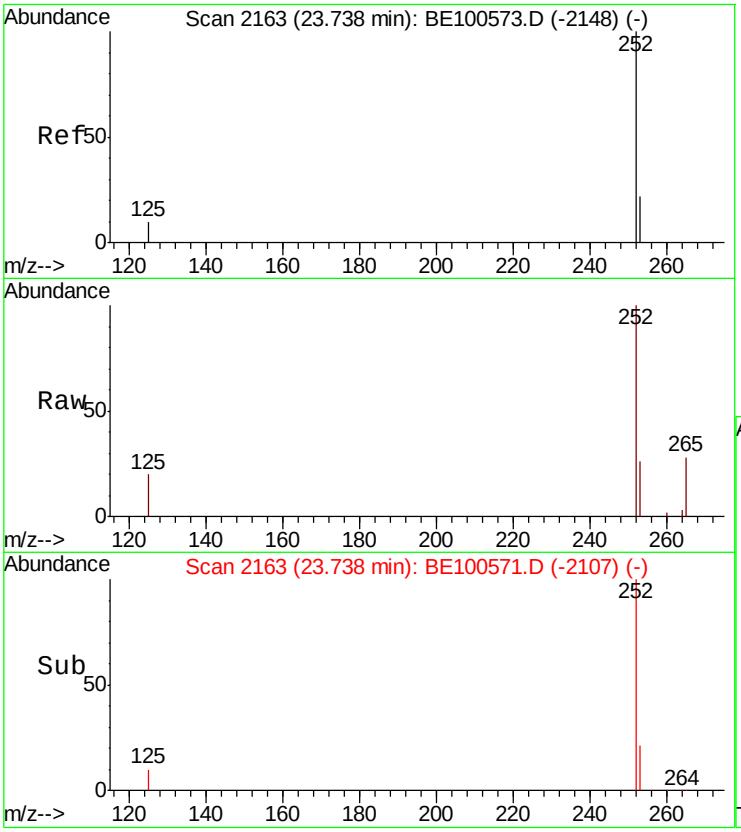


#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.05 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:252 Resp: 8503

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.6	28.0
125	16.3	11.4	17.2



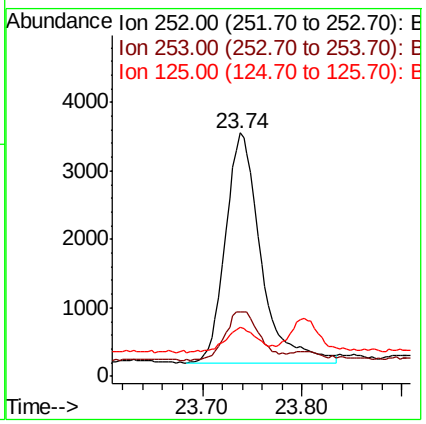


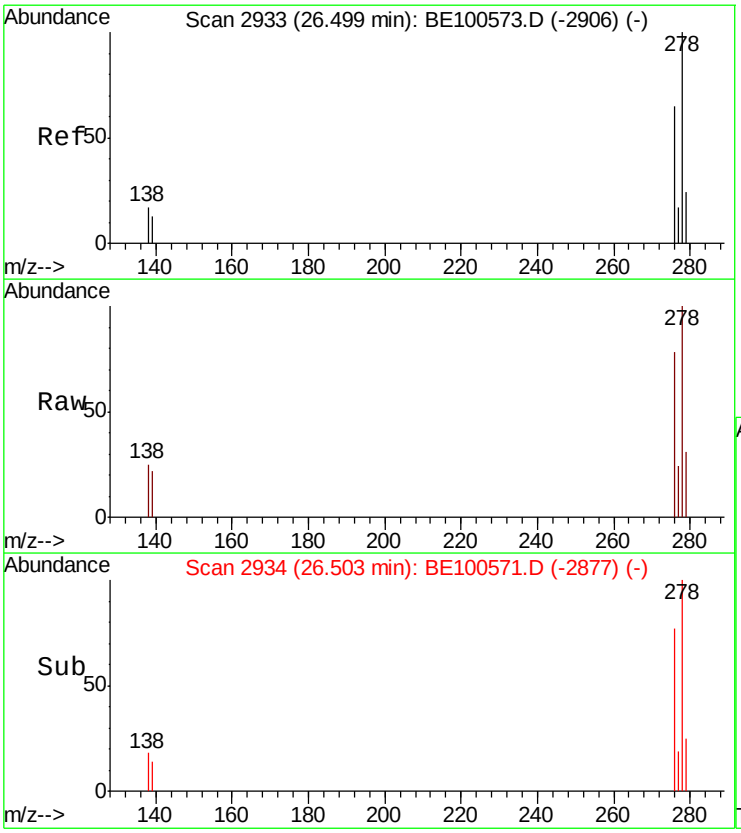
#37
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.74 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8251

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.2	27.4
125	19.9	9.8	14.6#

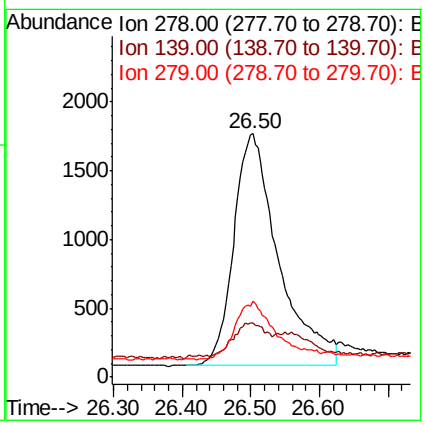


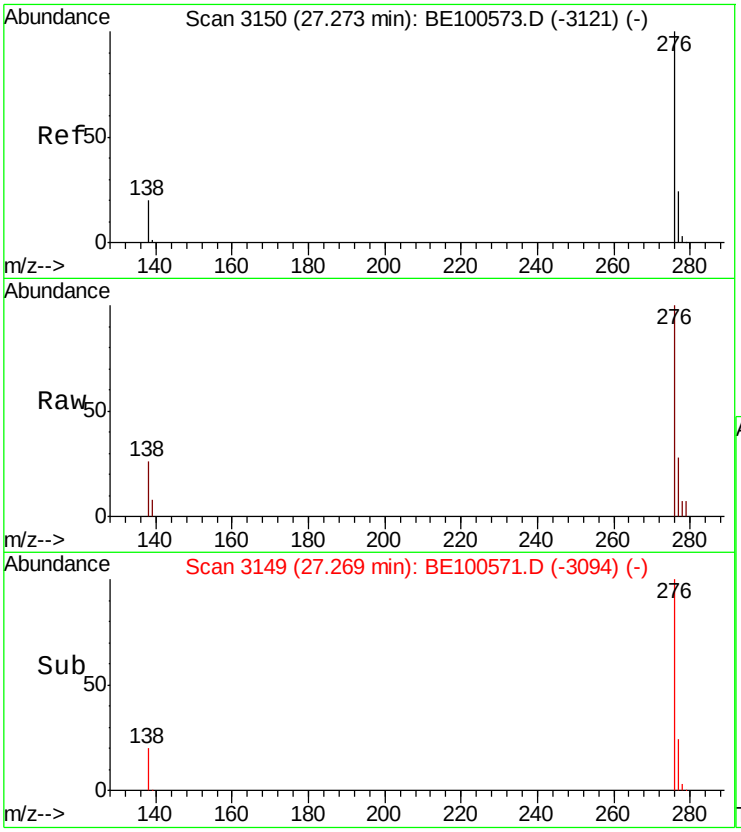


#38
Dibenzo(a,h)anthracene
Concen: 0.091 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:278 Resp: 7673

Ion	Ratio	Lower	Upper
278	100		
139	22.1	11.7	17.5#
279	31.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 27.27 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8711

Ion	Ratio	Lower	Upper
276	100		
277	28.1	19.7	29.5
138	25.8	17.0	25.4#