Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100572.D
Acq On : 27 Sep 2019 14:42
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Sep 27 18:04:38 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	3322	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	15841	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	9845	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23949	0.40	ng		0.00
27) Chrysene-d12	21.37	240	27820	0.40	ng		0.00
34) Perylene-d12	23.85	264	32216	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	1882	0.24	ng		0.00
5) Phenol-d6	7.02	99	2419	0.23	ng		0.00
8) Nitrobenzene-d5	9.00	82	2133	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	4739	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	504	0.32	ng		0.01
15) 2-Fluorobiphenyl	13.12	172	6623	0.19	ng		0.00
25) Fluoranthene-d10	19.24	212	56746	0.20	ng		0.00
29) Terphenyl-d14	19.83	244	12957	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1359	0.284	ng		92
3) n-Nitrosodimethylamine	3.67	42	524	0.186	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	2201	0.204	ng		95
9) Naphthalene	10.69	128	32187	0.196	ng		100
10) Hexachlorobutadiene	10.99	225	977	0.186	ng		97
12) 2-Methylnaphthalene	12.31	142	5232	0.200	ng		99
16) Acenaphthylene	14.21	152	7953	0.196	ng		99
17) Acenaphthene	14.56	154	5287	0.193	ng		100
18) Fluorene	15.51	166	6871	0.201	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	2116	0.188	ng		97
21) Hexachlorobenzene	16.53	284	1703	0.174	ng		97
22) Pentachlorophenol	16.89	266	356	0.159	ng		88
23) Phenanthrene	17.25	178	12825	0.192	ng		100
24) Anthracene	17.35	178	10984	0.196	ng		100
26) Fluoranthene	19.27	202	15572	0.194	ng		100
28) Pyrene	19.62	202	16184	0.202	ng		99
30) Benzo(a)anthracene	21.35	228	15697	0.211	ng		99
31) Chrysene	21.40	228	15870	0.187	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	43263	0.540	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	19811	0.210	ng		99
35) Benzo(b)fluoranthene	23.09	252	16903	0.194	ng		97
36) Benzo(k)fluoranthene	23.14	252	18002	0.178	ng		98
37) Benzo(a)pyrene	23.74	252	15934	0.196	ng	#	96
38) Dibenzo(a,h)anthracene	26.50	278	15663	0.185	ng		96
39) Benzo(g,h,i)perylene	27.27	276	16813	0.190	ng		97

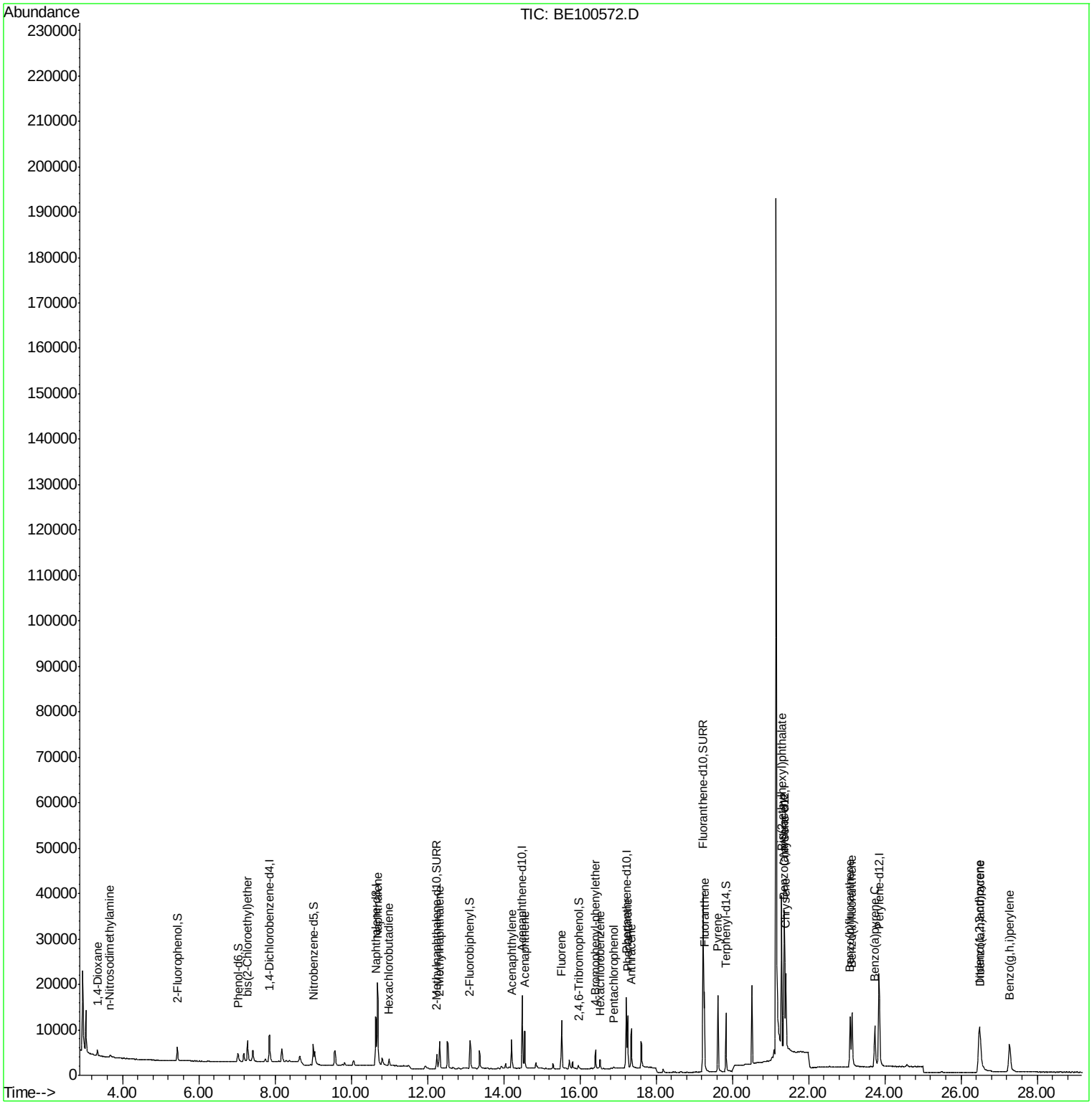
(#) = qualifier out of range (m) = manual integration (+) = signals summed

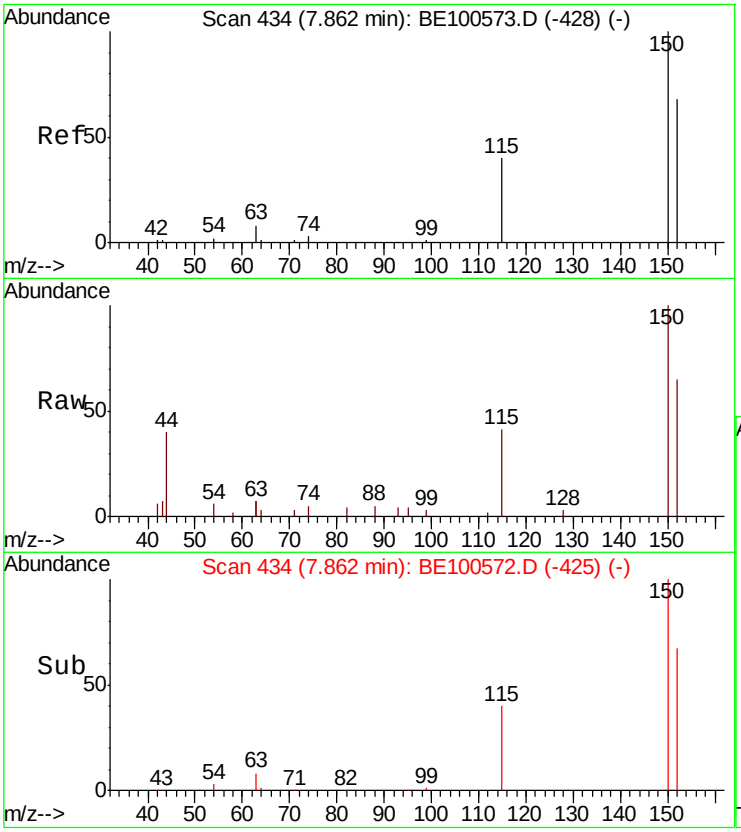
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100572.D
Acq On : 27 Sep 2019 14:42
Operator : JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 27 18:04:38 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



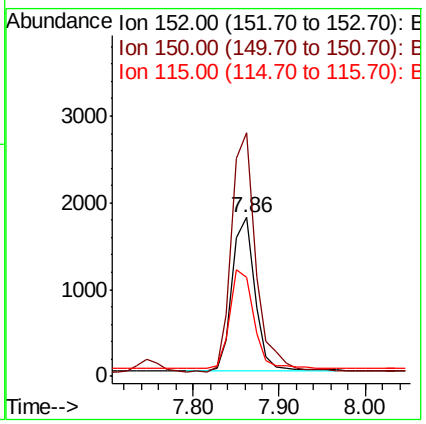


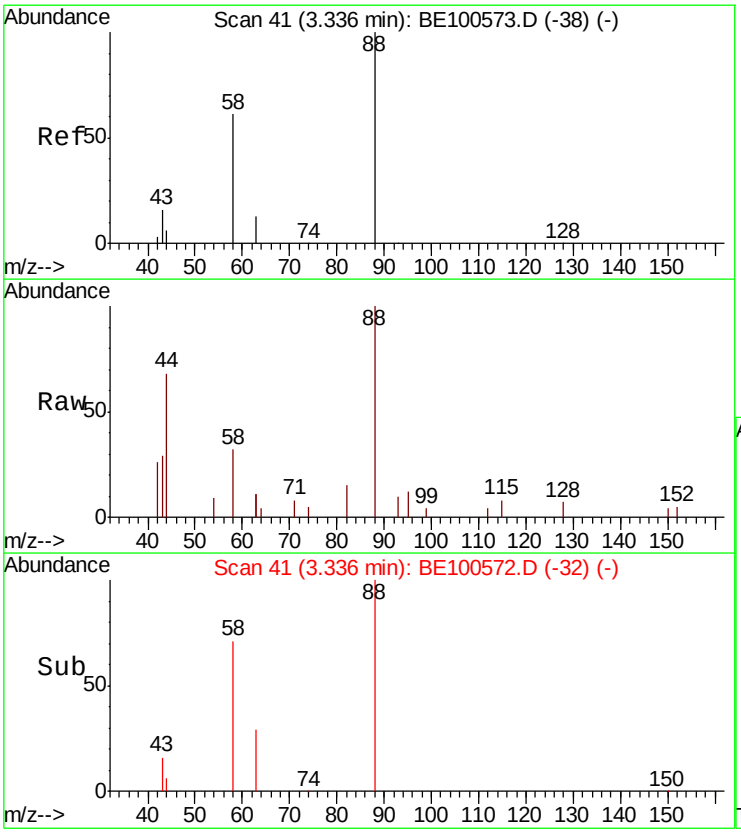
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3322

Ion	Ratio	Lower	Upper
152	100		
150	153.6	116.9	175.3
115	62.3	50.2	75.4

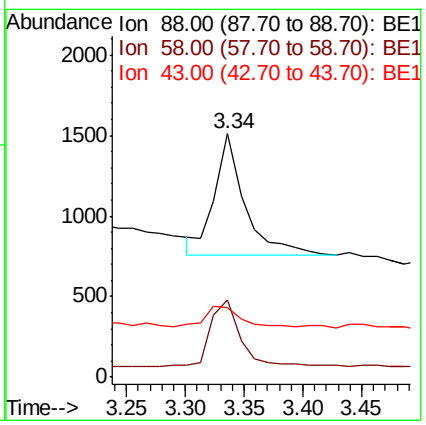


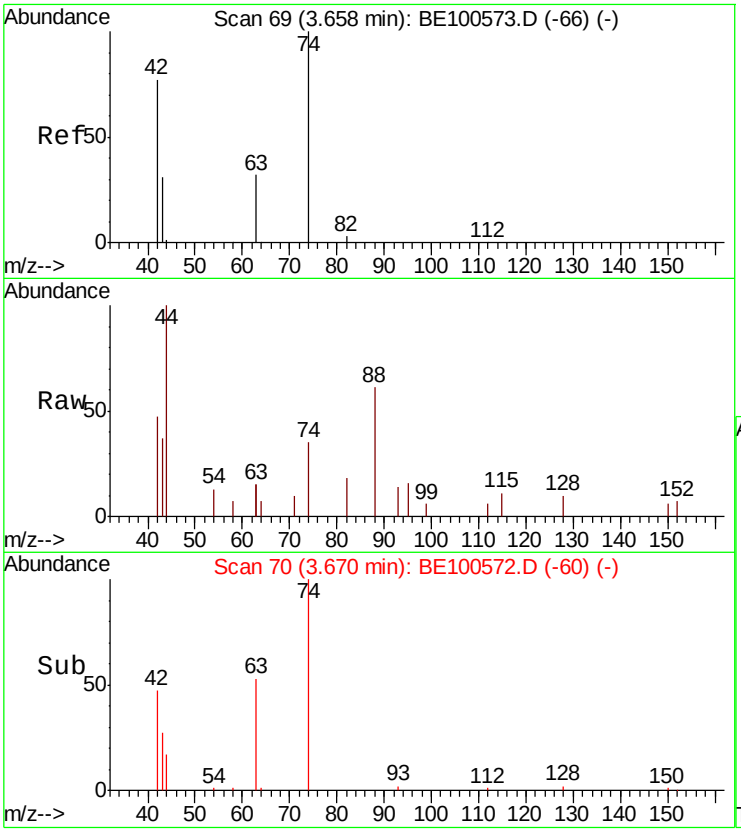


#2
1,4-Dioxane
Concen: 0.284 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion: 88 Resp: 1359

Ion	Ratio	Lower	Upper
88	100		
58	52.1	46.4	69.6
43	24.8	16.7	25.1



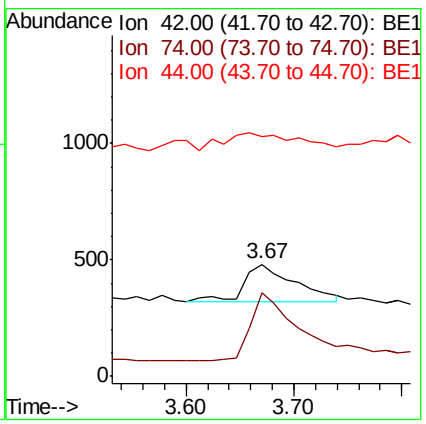


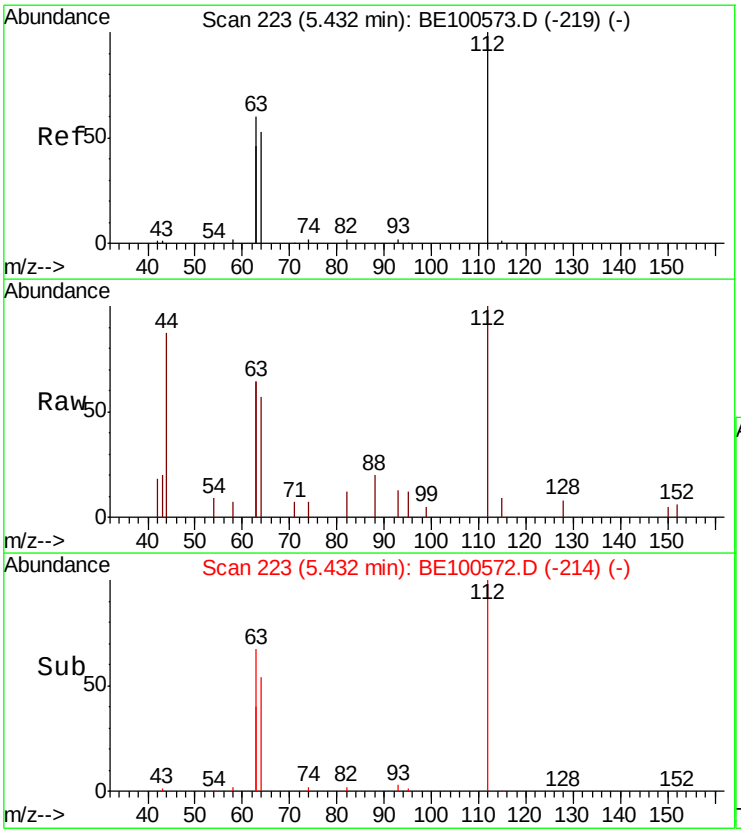
#3
n-Nitrosodimethylamine
Concen: 0.186 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 524

Ion	Ratio	Lower	Upper
42	100		
74	170.2	0.0	0.0#
44	68.3	0.0	0.0#

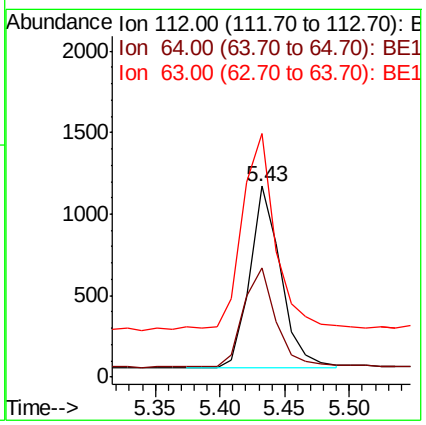


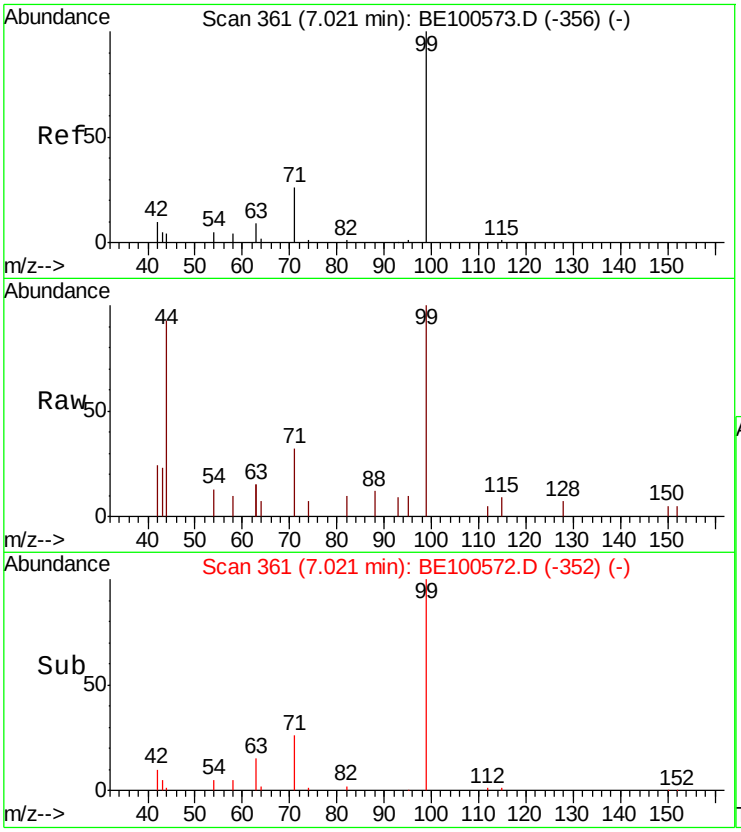


#4
2-Fluorophenol
Concen: 0.242 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:112 Resp: 1882

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.9	67.3
63	112.8	90.1	135.1



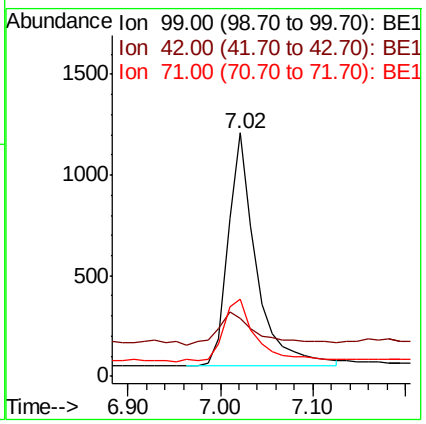


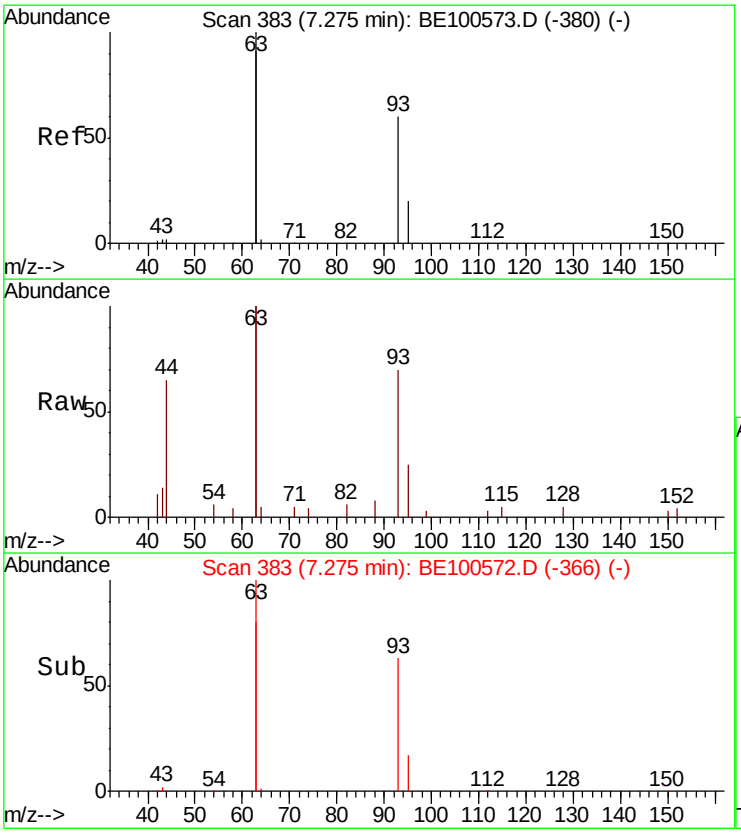
#5
Phenol-d6
Concen: 0.227 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2419

Ion	Ratio	Lower	Upper
99	100		
42	20.0	11.7	17.5#
71	31.7	23.6	35.4

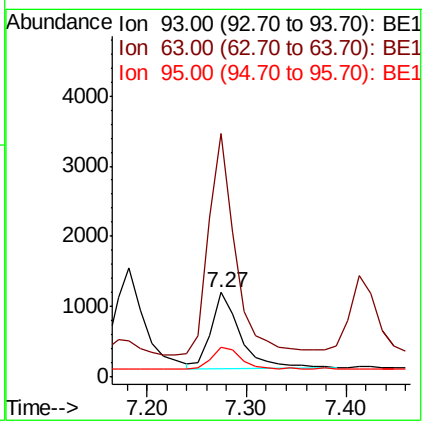


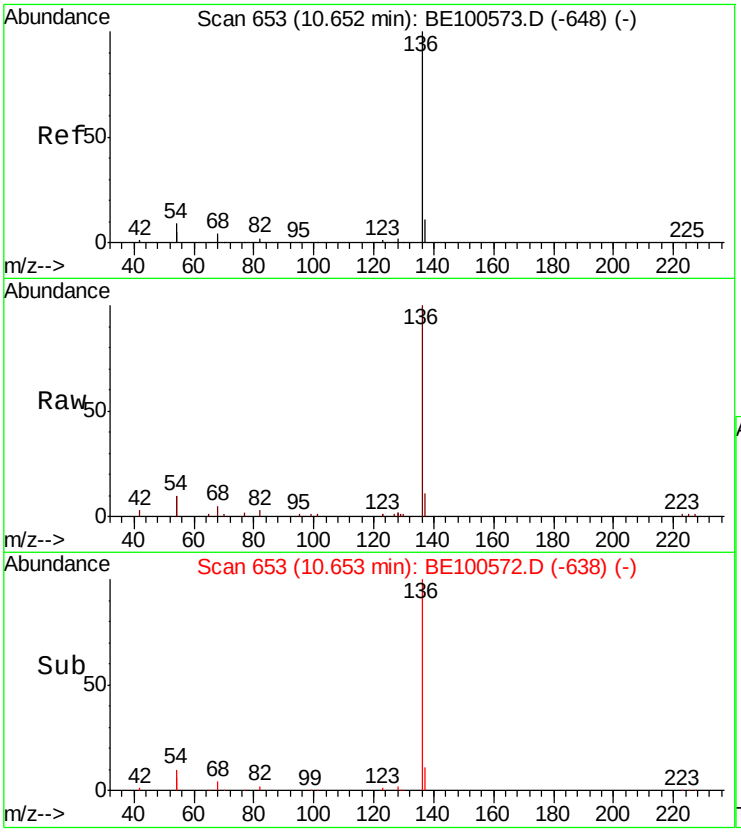


#6
bis(2-Chloroethyl)ether
Concen: 0.204 ng
RT: 7.27 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion: 93 Resp: 2201

Ion	Ratio	Lower	Upper
93	100		
63	274.9	228.3	342.5
95	29.3	24.2	36.4



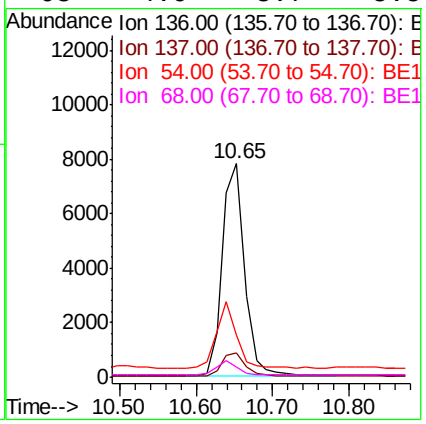


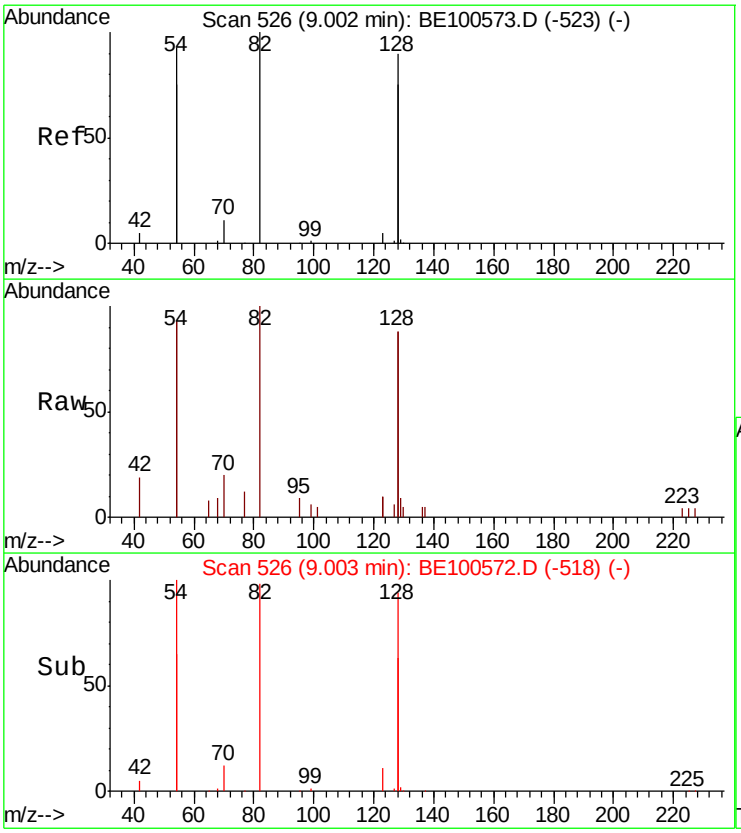
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 15841

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	19.7	15.0	22.6
68	4.9	3.7	5.5

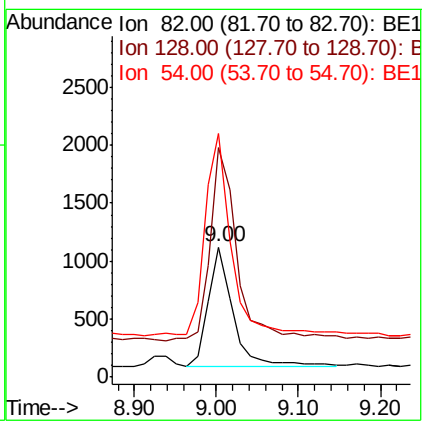


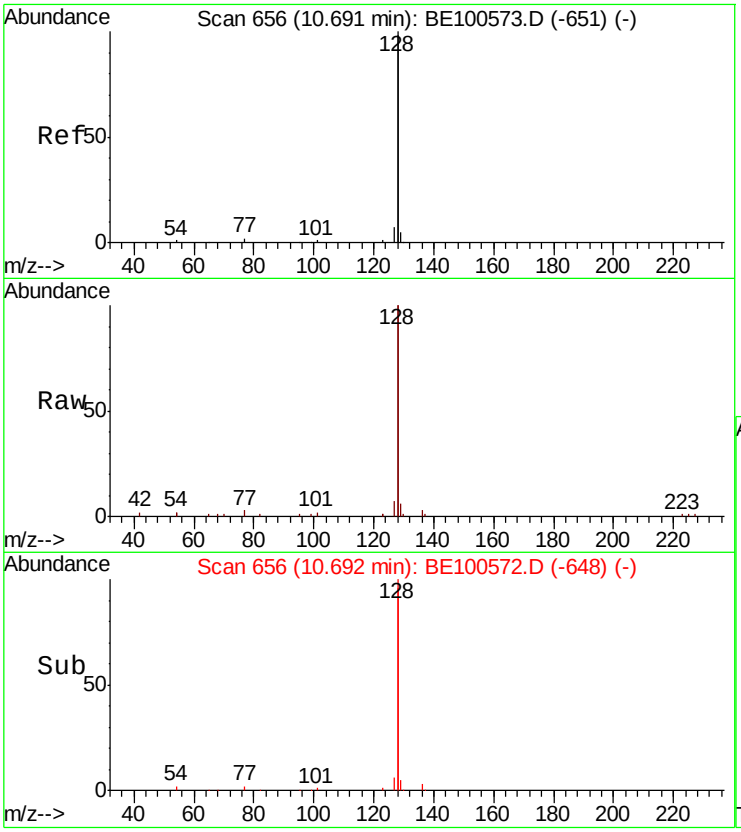


#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion: 82 Resp: 2133

Ion	Ratio	Lower	Upper
82	100		
128	176.2	137.9	206.9
54	186.8	143.0	214.6



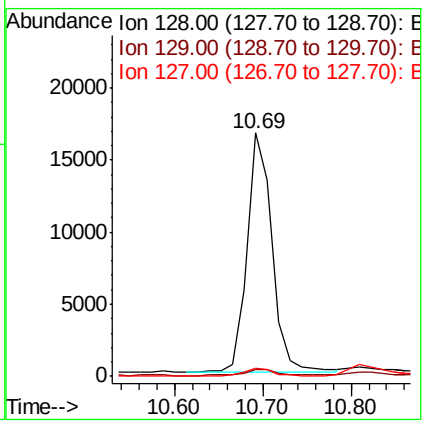


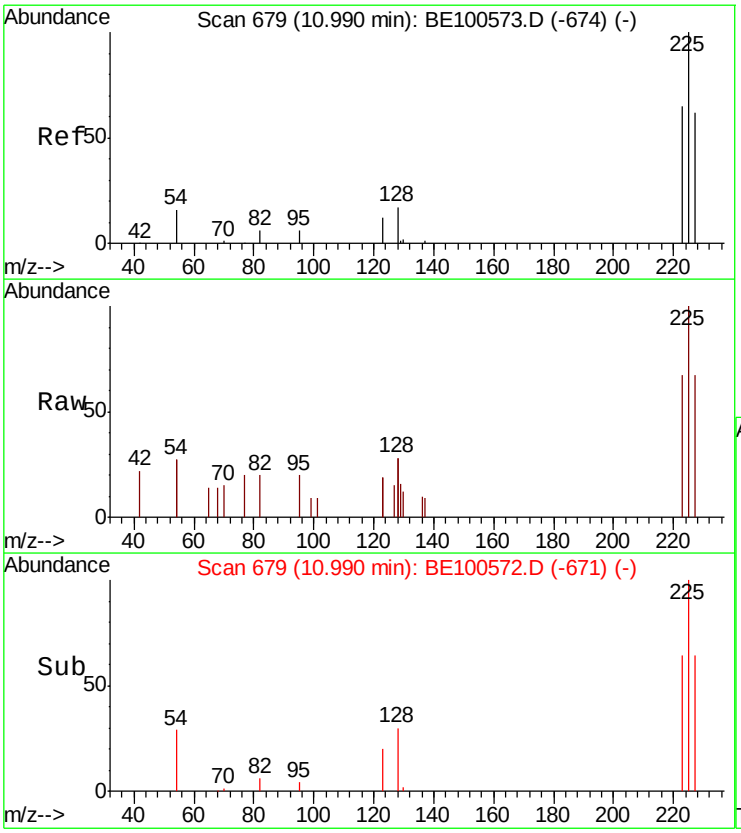
#9
Naphthalene
Concen: 0.196 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 32187

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.2	3.4
127	3.5	2.8	4.2

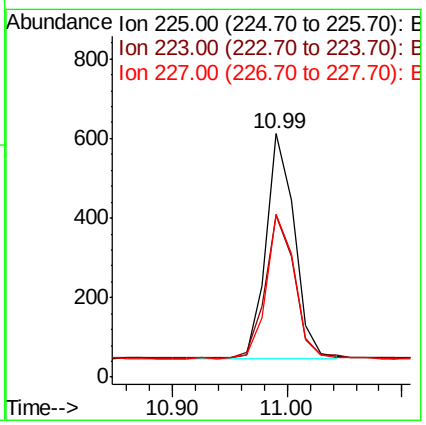


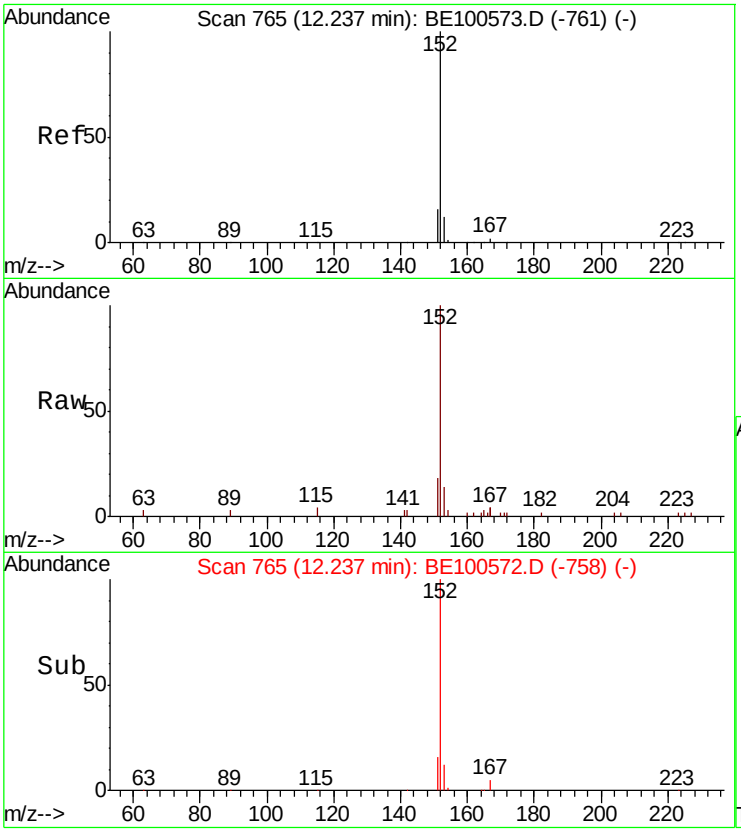


#10
Hexachlorobutadiene
Concen: 0.186 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:225 Resp: 977

Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.4	74.0
227	63.9	50.3	75.5



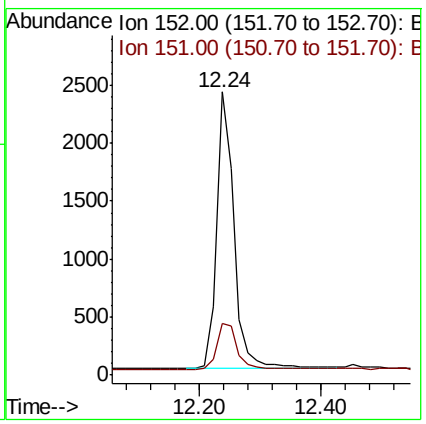


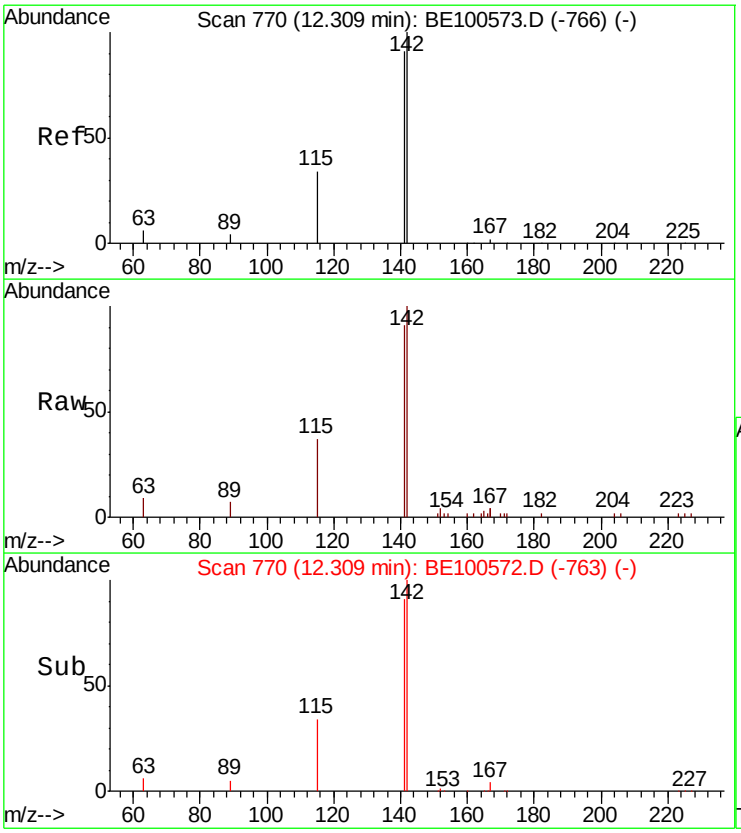
#11
2-Methylnaphthalene-d10
Concen: 0.200 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4739

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.3	22.9

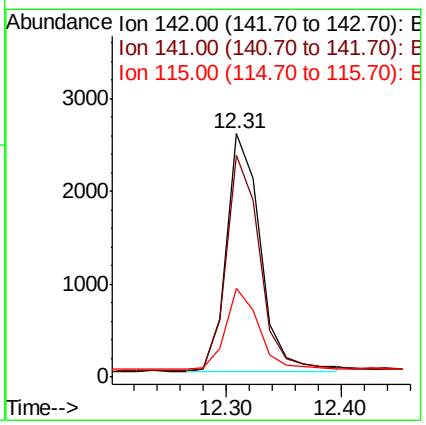


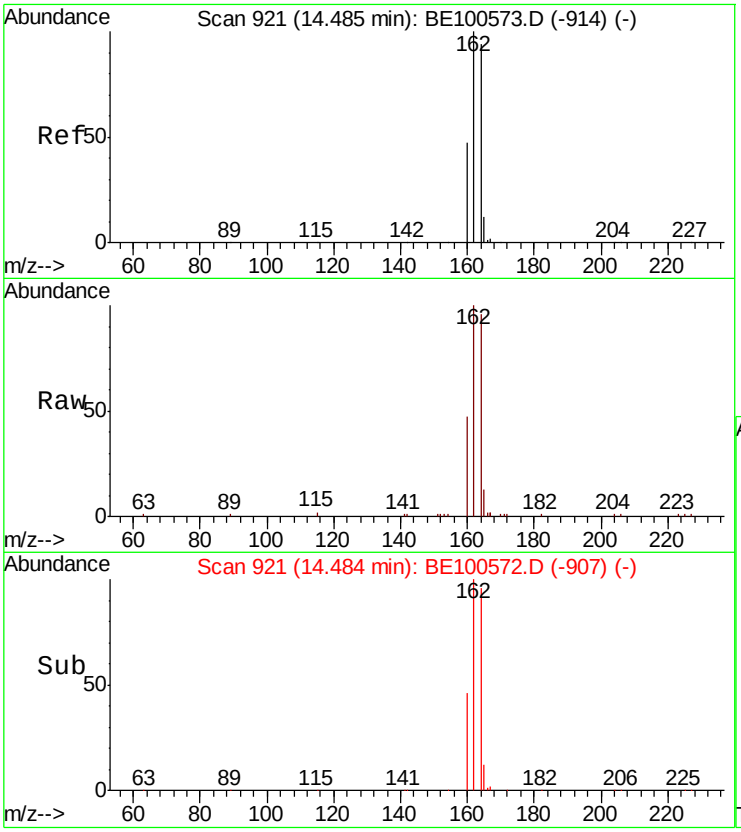


#12
2-Methylnaphthalene
Concen: 0.200 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:142 Resp: 5232

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8
115	36.5	28.2	42.2



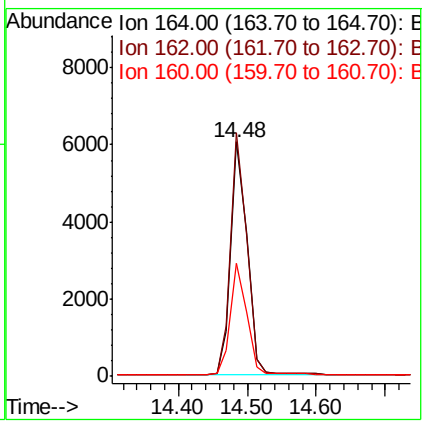


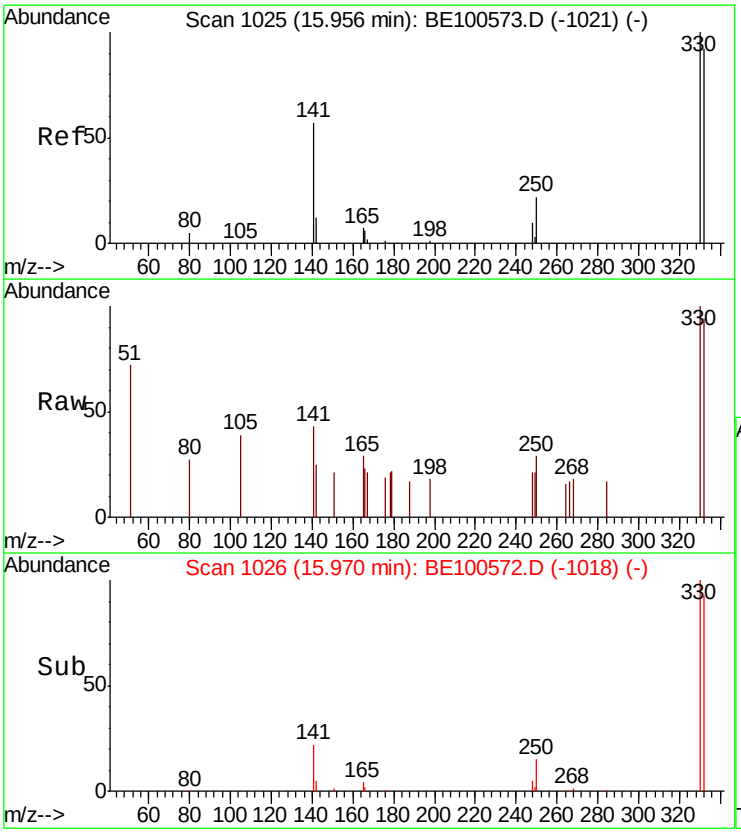
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 9845

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.0	127.4
160	48.5	40.2	60.4

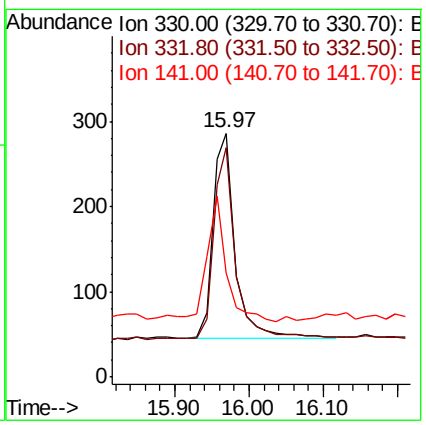


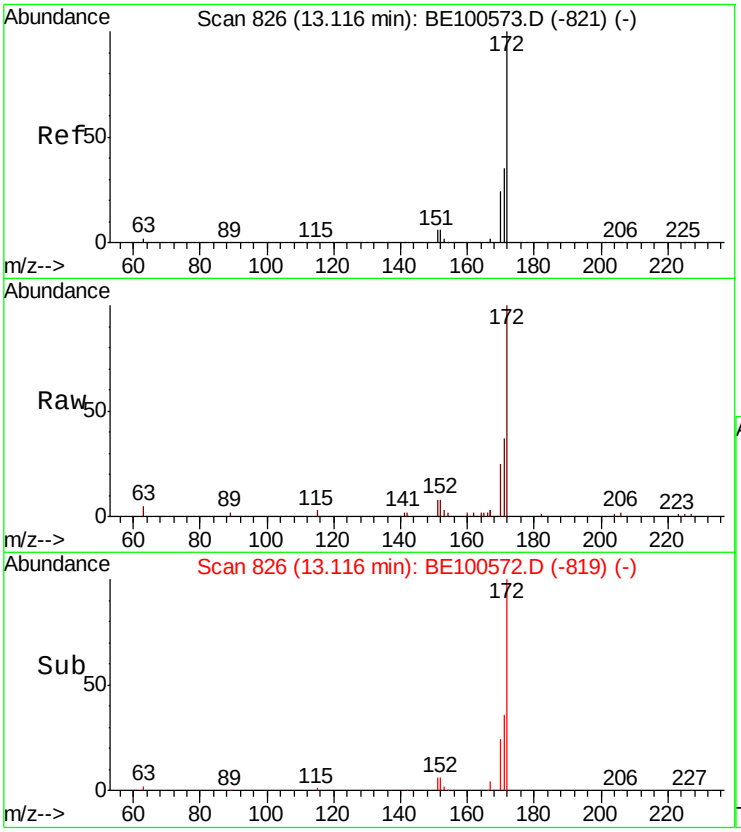


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:330 Resp: 504

Ion	Ratio	Lower	Upper
330	100		
332	90.9	78.1	117.1
141	52.2	42.1	63.1



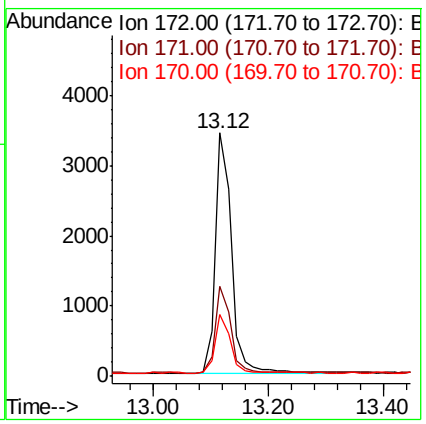


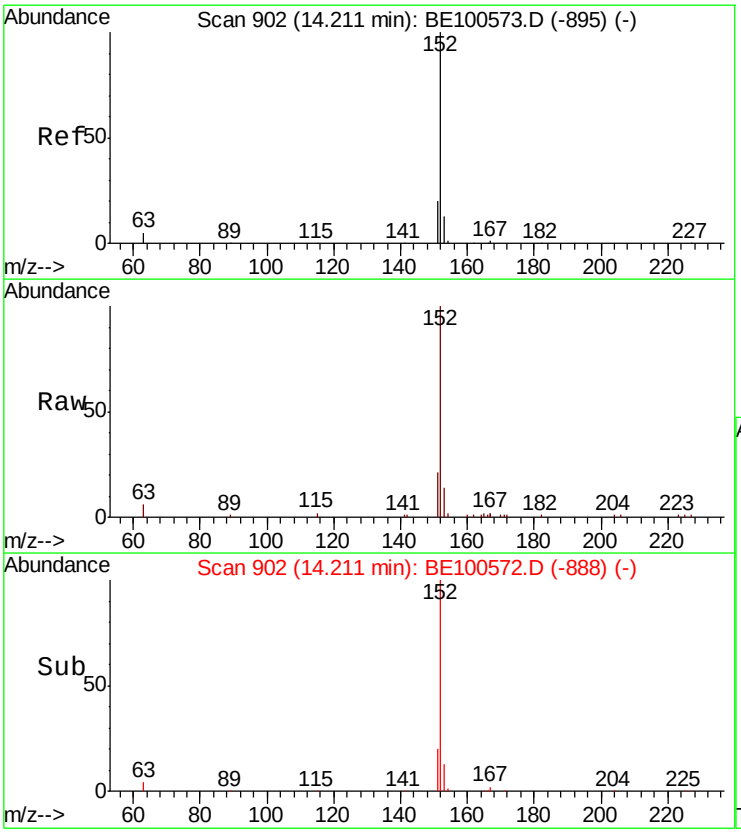
#15
2-Fluorobiphenyl
Concen: 0.188 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6623

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.2	42.2
170	25.2	19.2	28.8

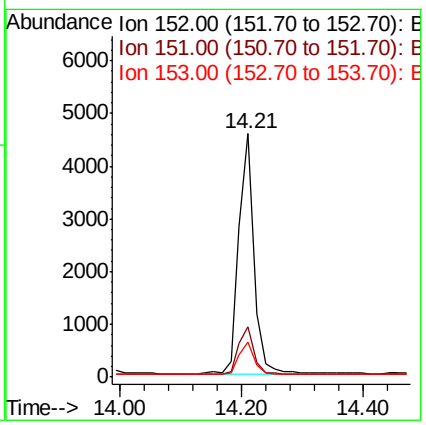


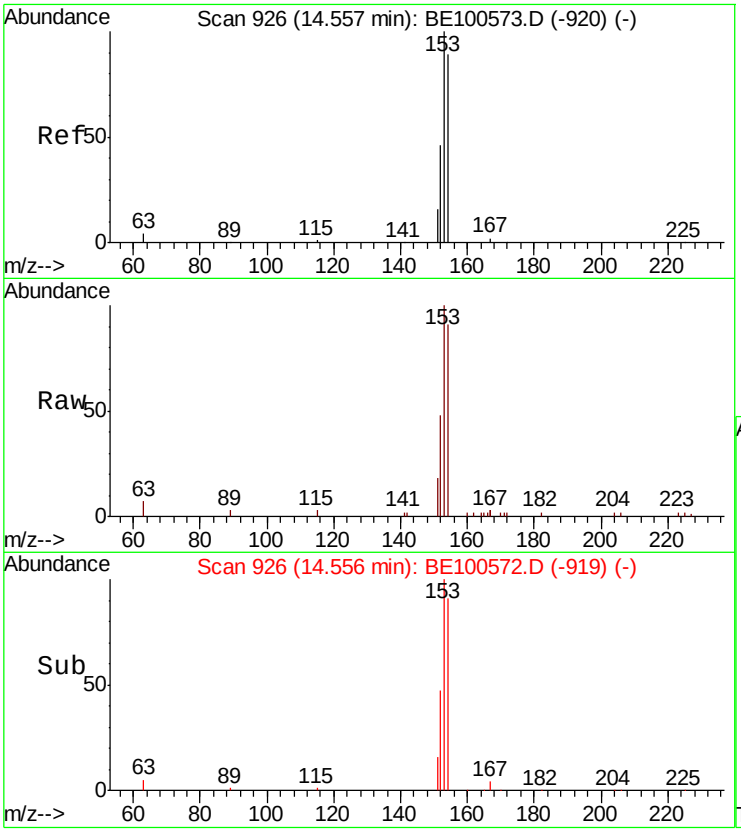


#16
Acenaphthylene
Concen: 0.196 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:152 Resp: 7953

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.2	10.6	16.0



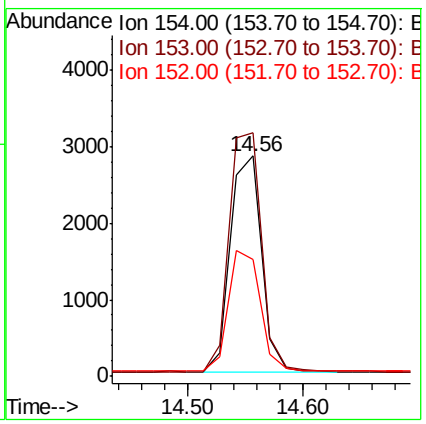


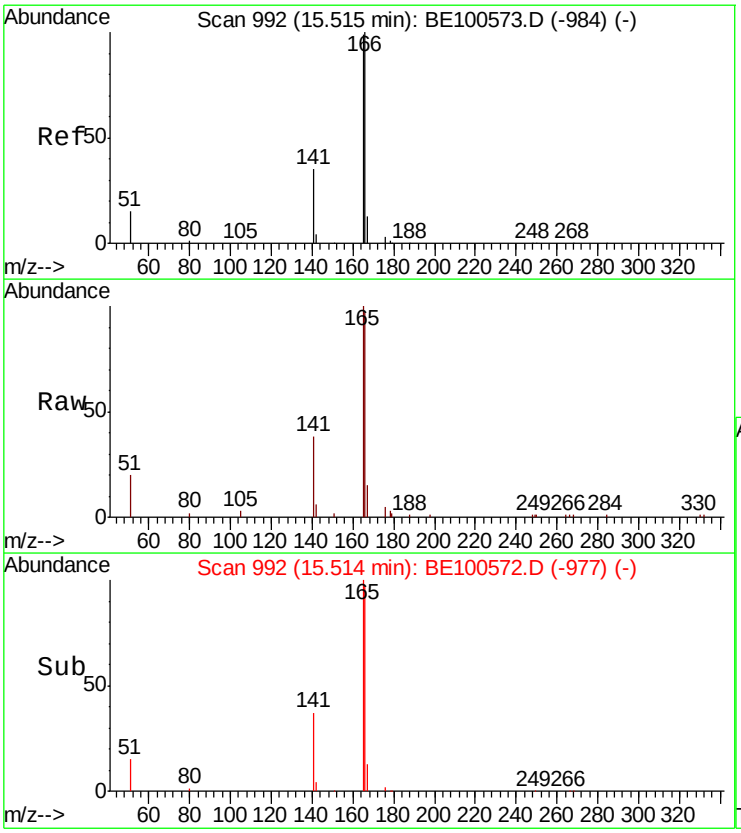
#17
Acenaphthene
Concen: 0.193 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5287

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.7	139.1
152	57.5	45.6	68.4

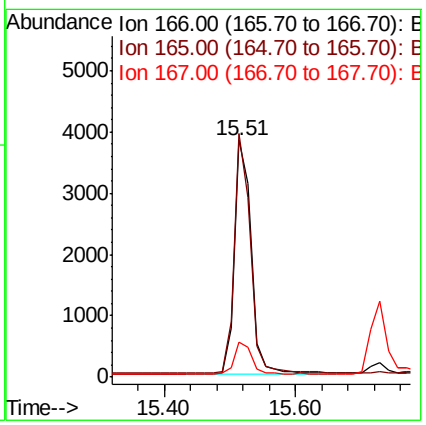


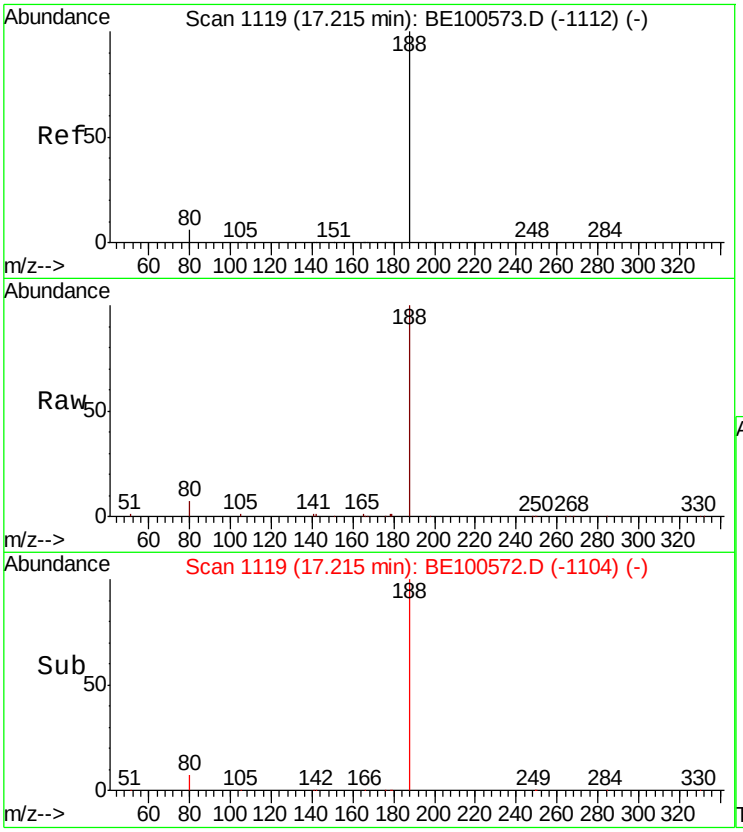


#18
Fluorene
Concen: 0.201 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:166 Resp: 6871

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.0	117.0
167	13.9	10.7	16.1



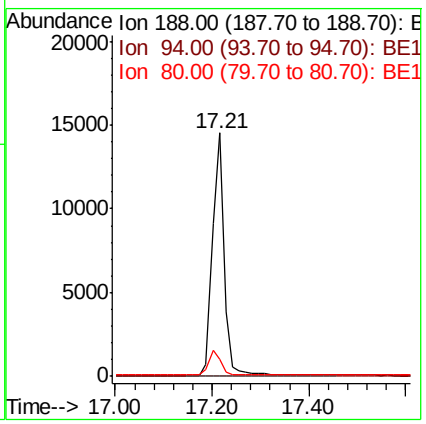


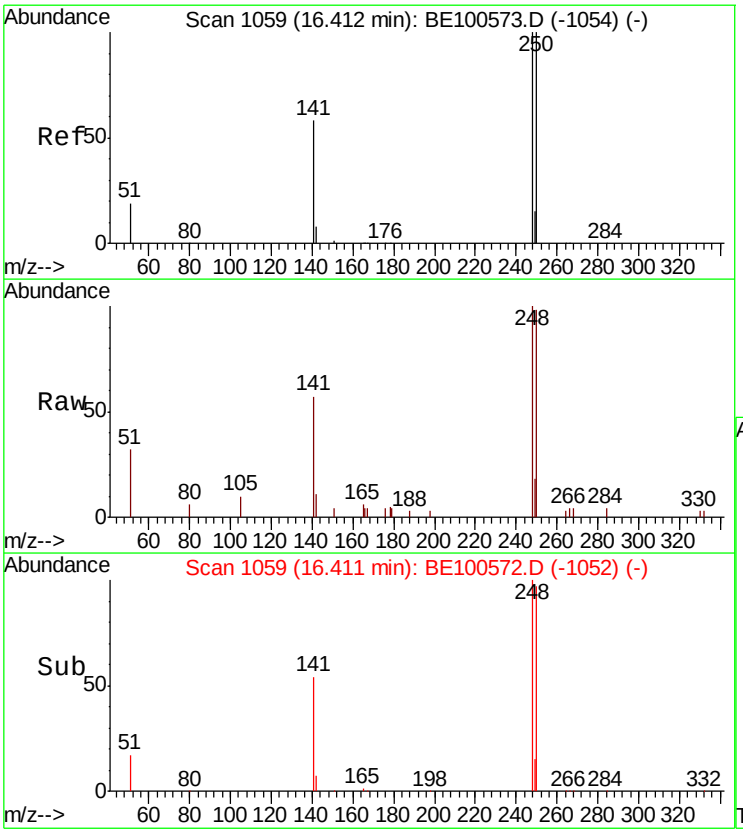
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 23949

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	5.6	8.4

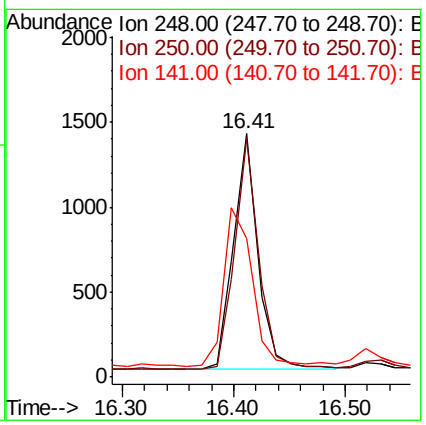


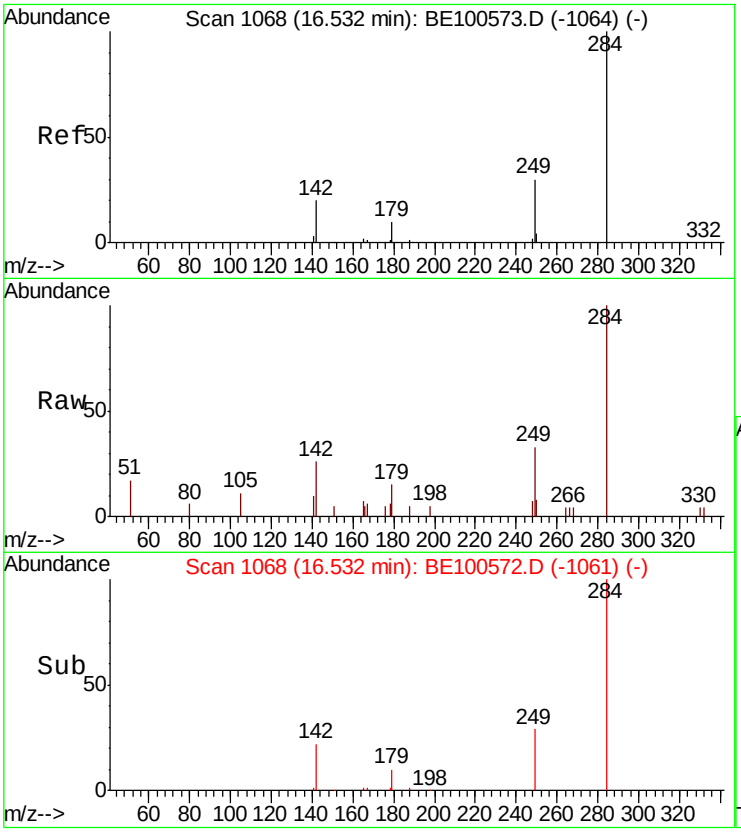


#20
4-Bromophenyl-phenylether
Concen: 0.188 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:248 Resp: 2116

Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.9	119.9
141	57.0	47.7	71.5



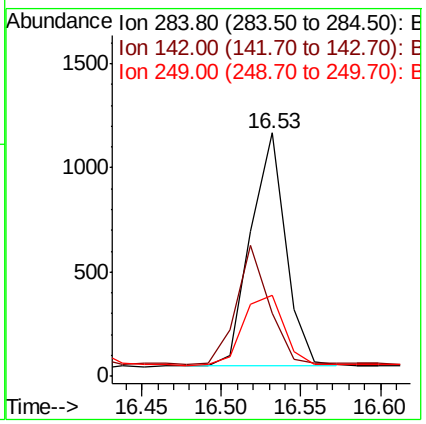


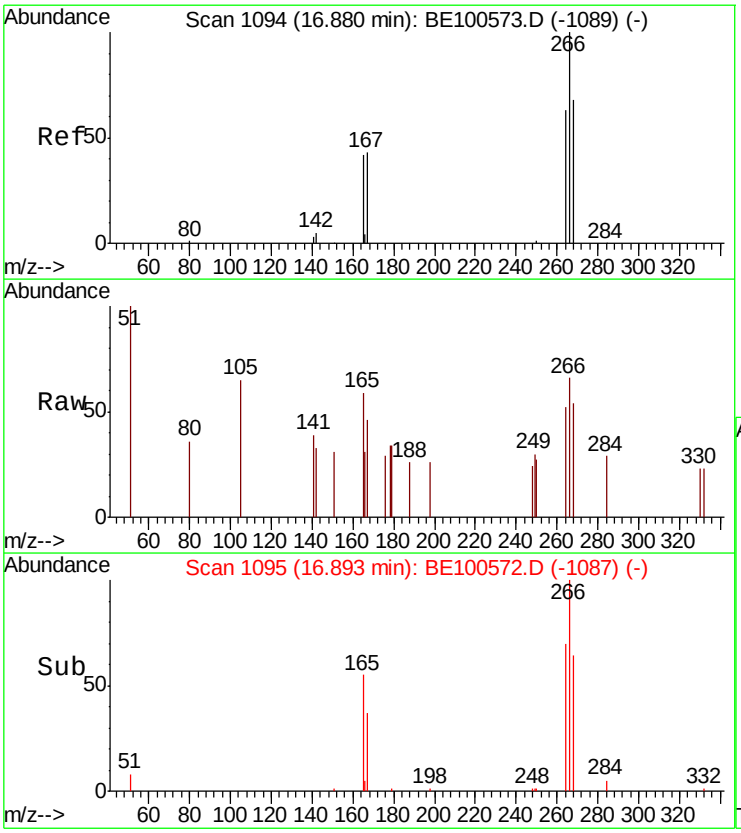
#21
Hexachlorobenzene
Concen: 0.174 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1703

Ion	Ratio	Lower	Upper
284	100		
142	48.3	37.0	55.4
249	34.9	27.0	40.4

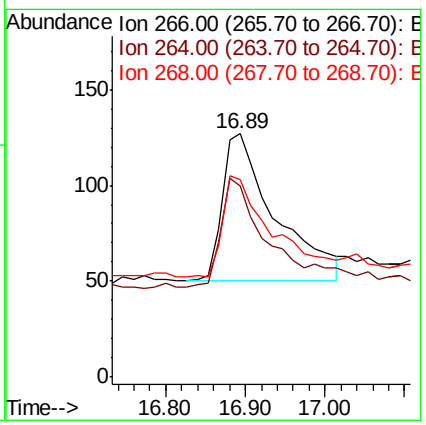


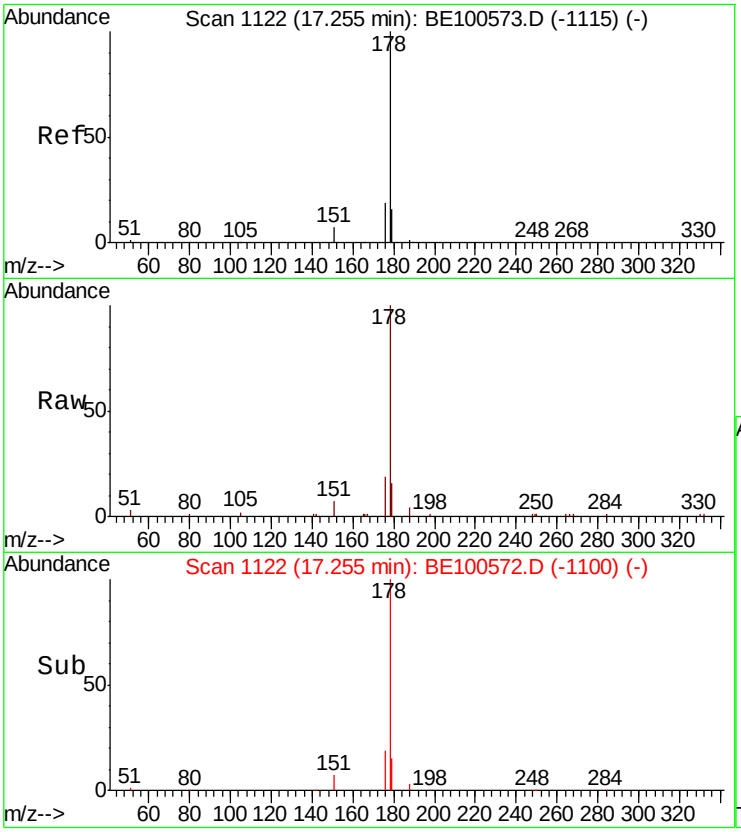


#22
Pentachlorophenol
Concen: 0.159 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:266 Resp: 356

Ion	Ratio	Lower	Upper
266	100		
264	78.7	53.5	80.3
268	81.1	58.3	87.5



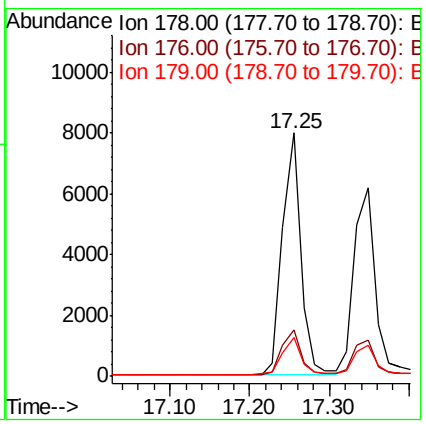


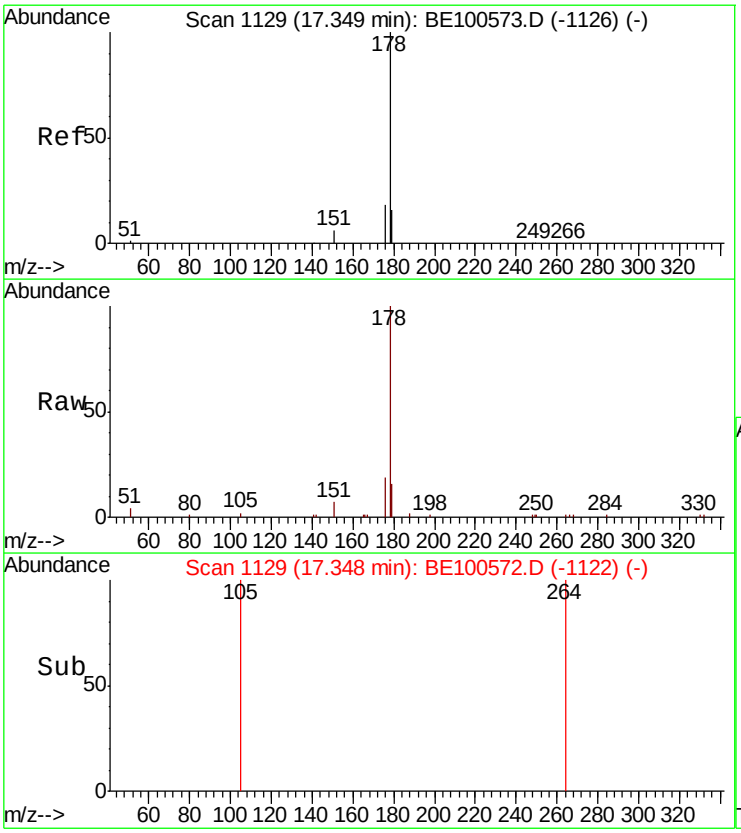
#23
Phenanthrene
Concen: 0.192 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 12825

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.7	12.4	18.6

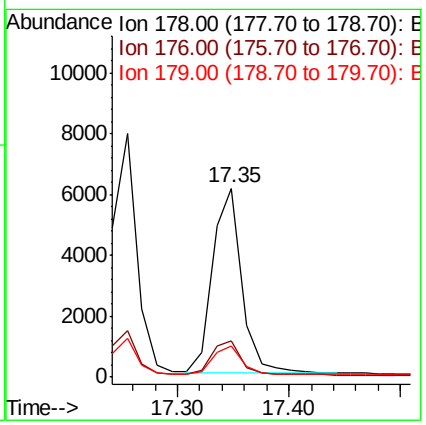


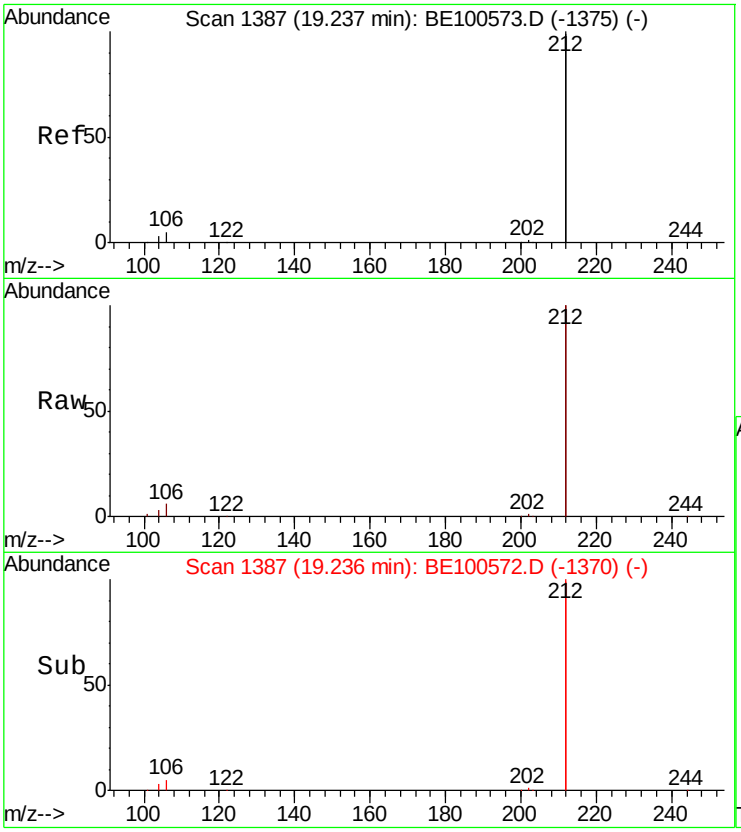


#24
Anthracene
Concen: 0.196 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:178 Resp: 10984

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.3	18.5



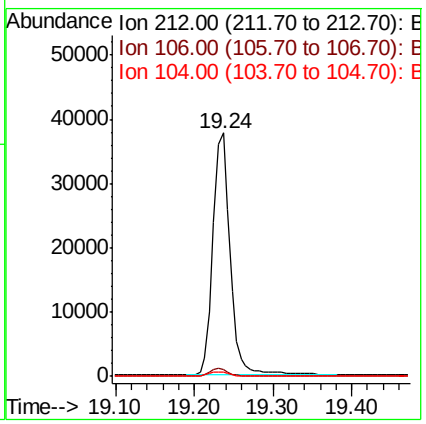


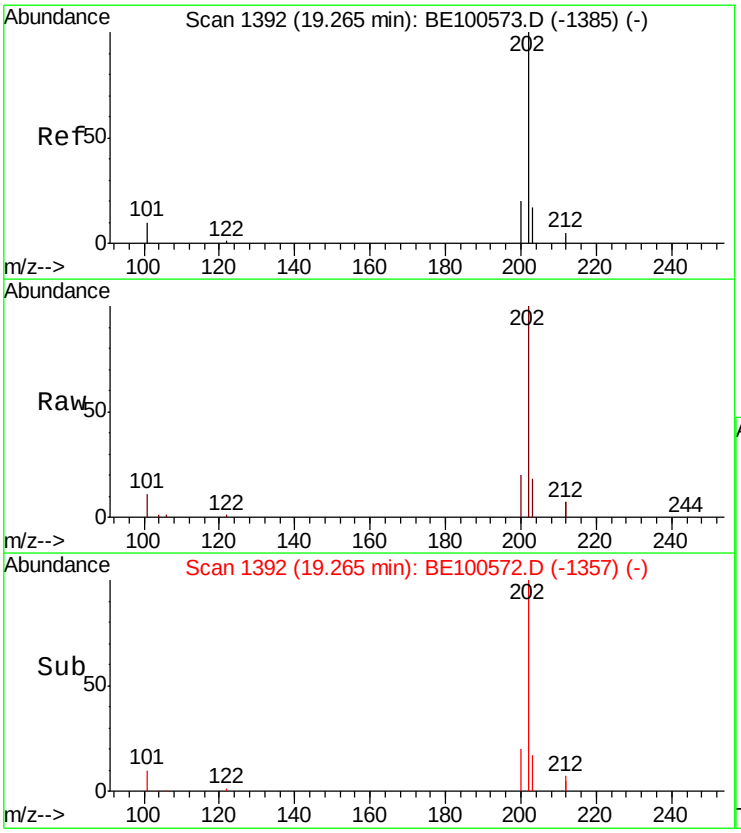
#25
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 56746

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.5	3.7
104	1.7	1.4	2.0

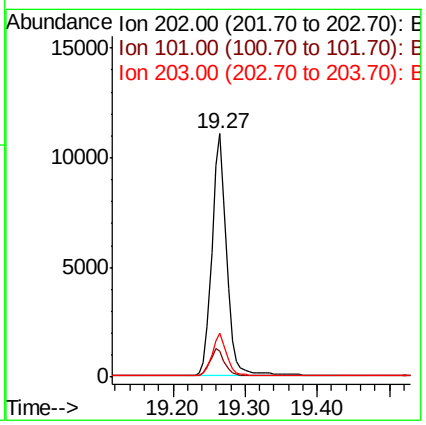


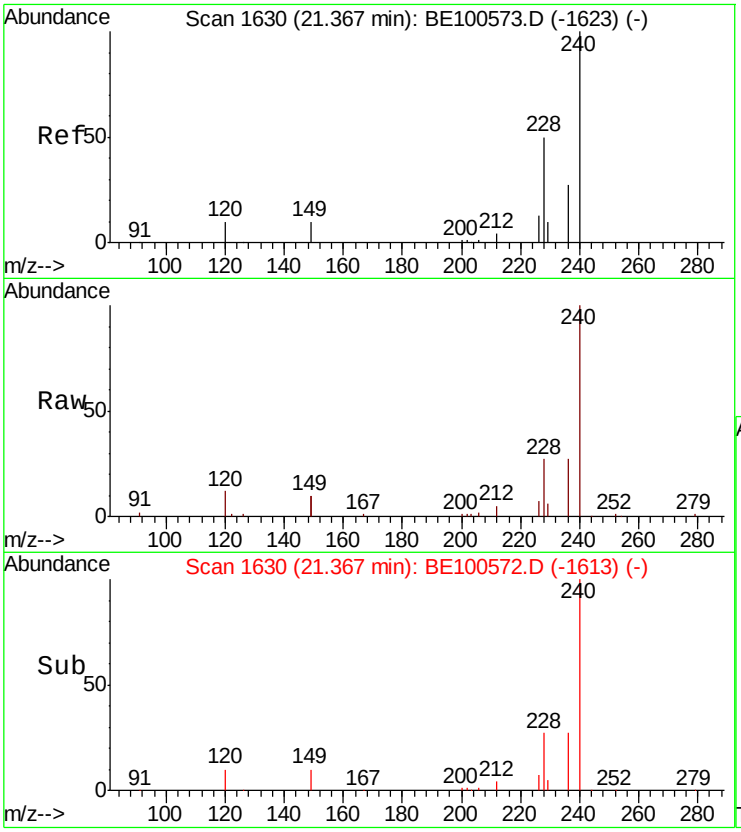


#26
Fluoranthene
Concen: 0.194 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:202 Resp: 15572

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
203	17.0	13.6	20.4



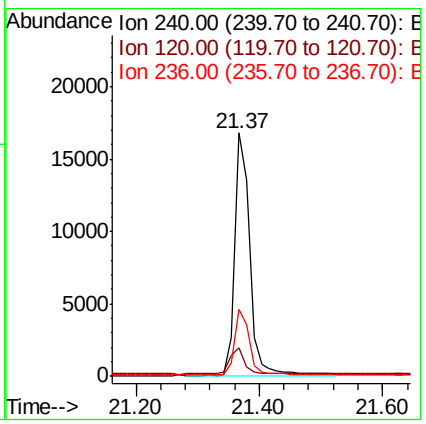


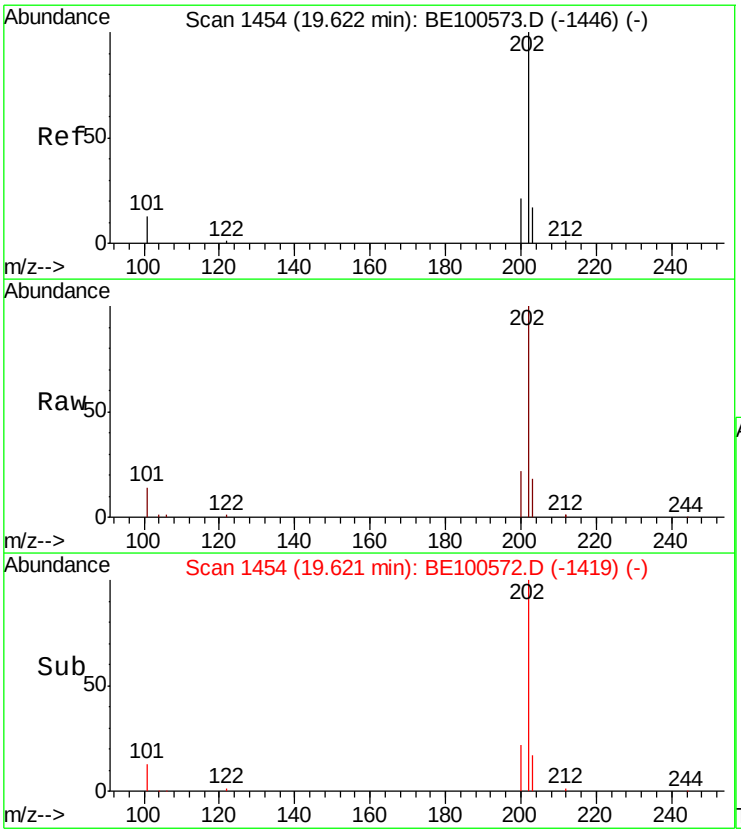
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 27820

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.7	13.1
236	27.3	21.8	32.8

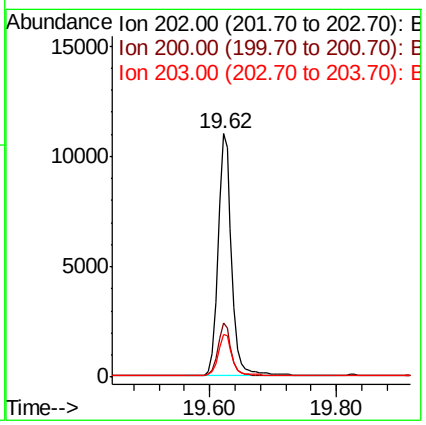


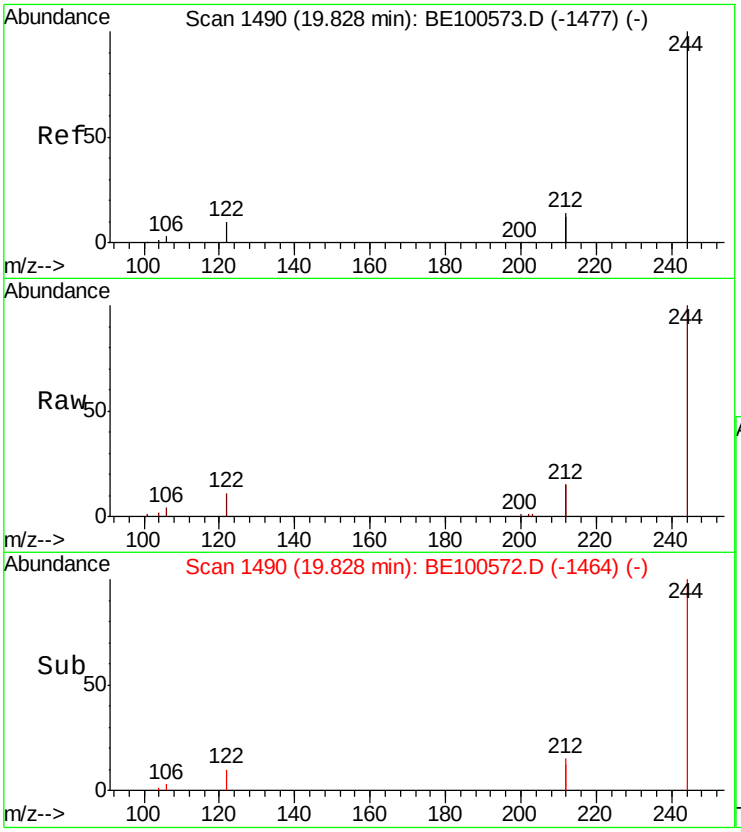


#28
Pyrene
Concen: 0.202 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:202 Resp: 16184

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.4	14.2	21.2



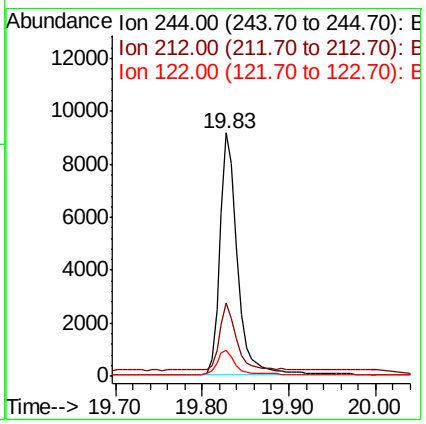


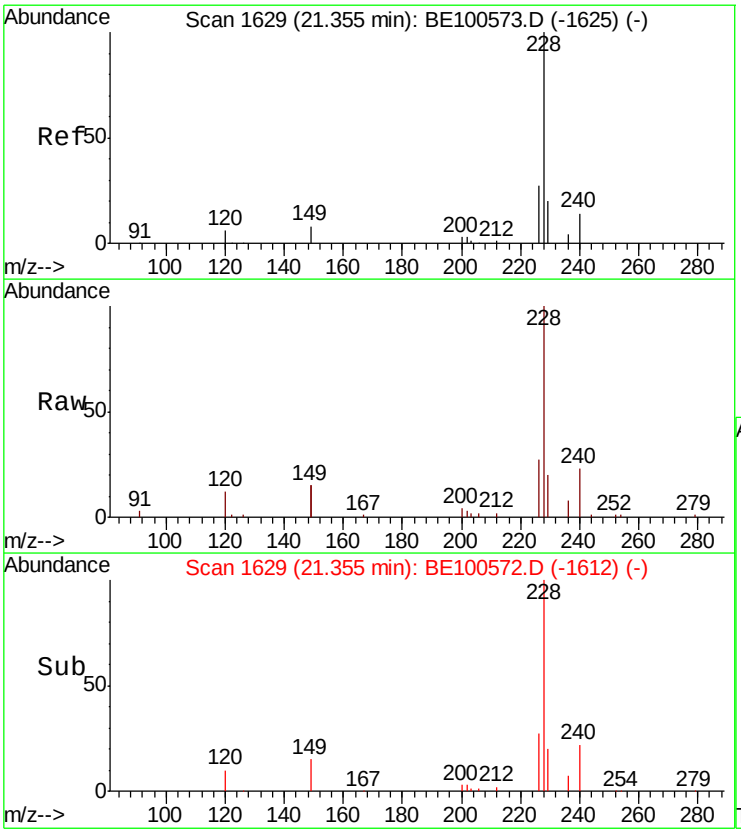
#29
Terphenyl-d14
Concen: 0.197 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 12957

Ion	Ratio	Lower	Upper
244	100		
212	30.0	21.8	32.8
122	10.7	8.2	12.4

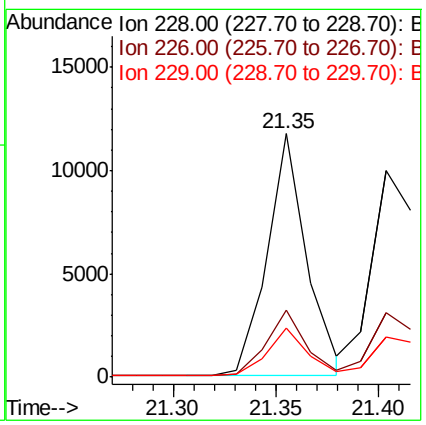


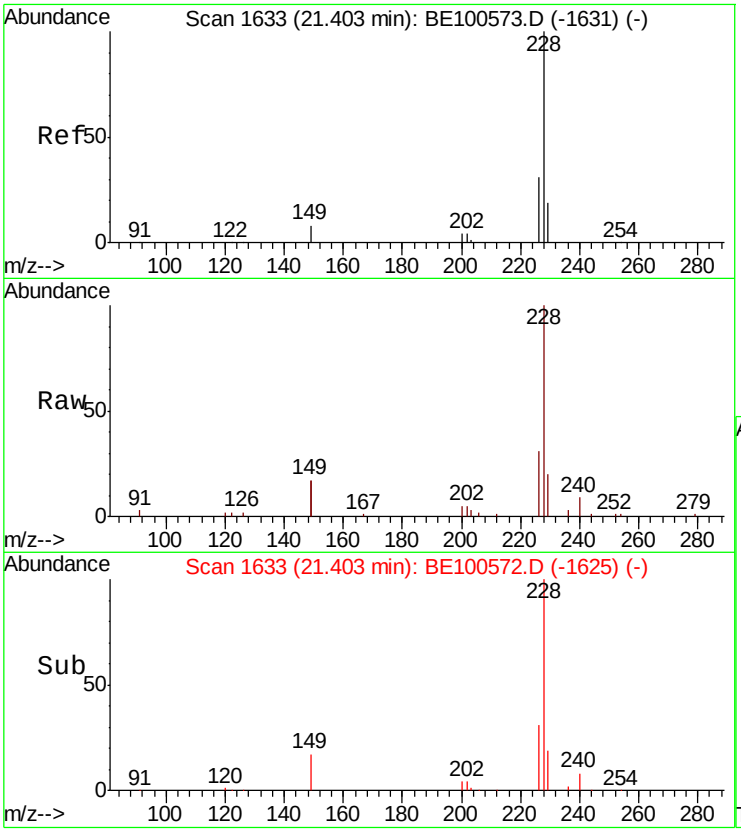


#30
Benzo(a)anthracene
Concen: 0.211 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:228 Resp: 15697

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	20.4	16.1	24.1



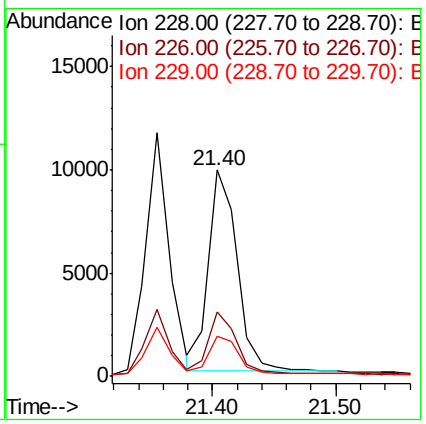


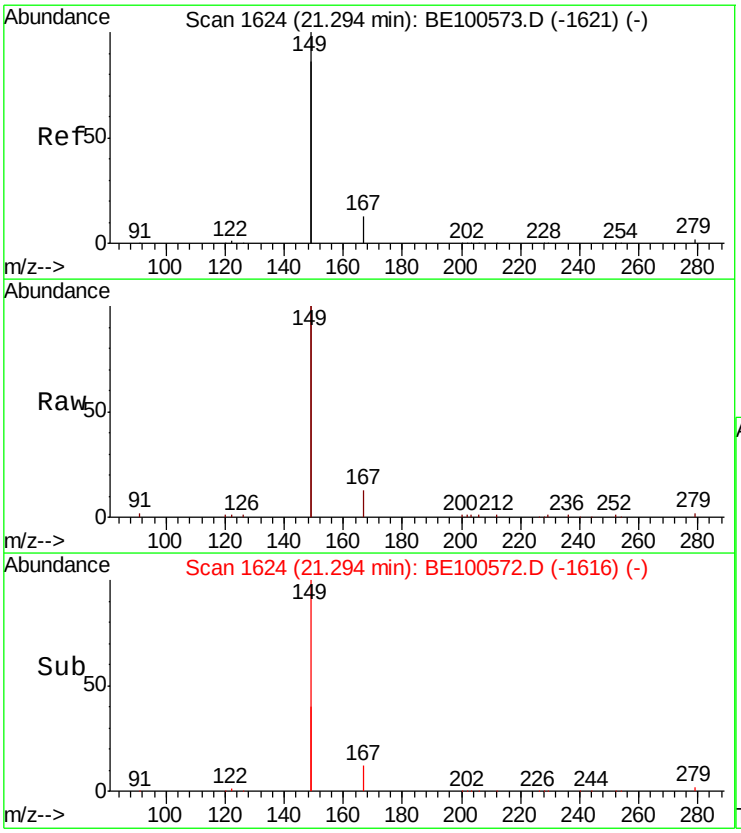
#31
Chrysene
Concen: 0.187 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 15870

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	19.7	15.6	23.4

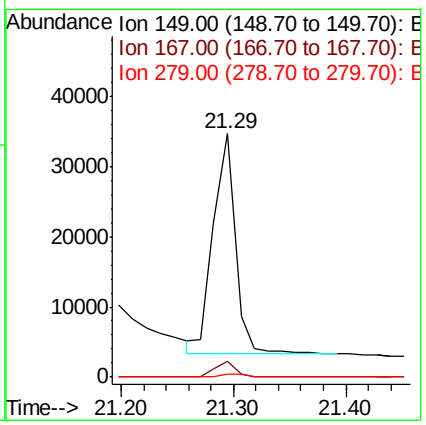


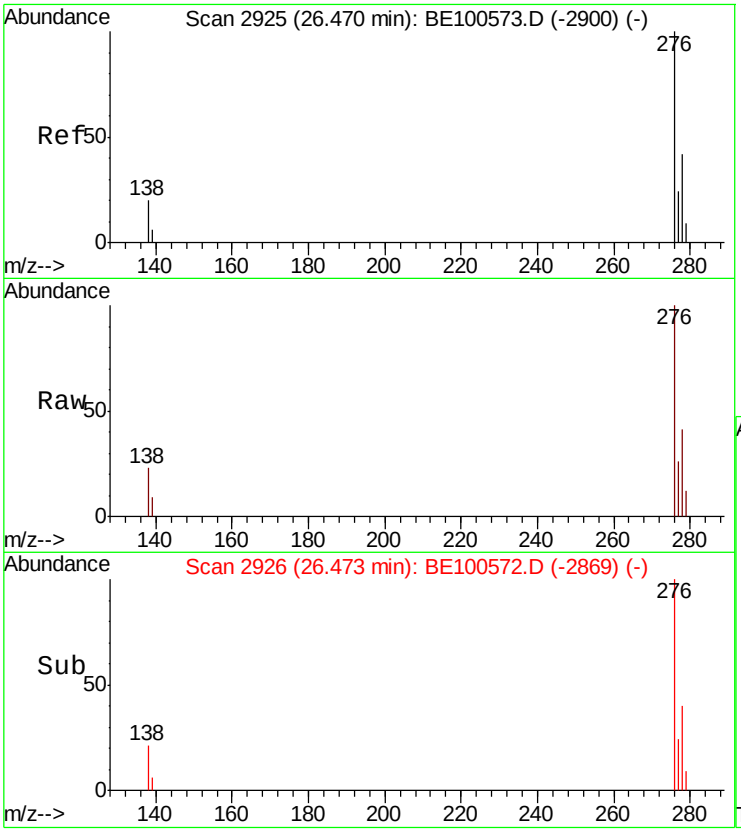


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.540 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:149 Resp: 43263

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.0	7.6
279	1.1	0.8	1.2



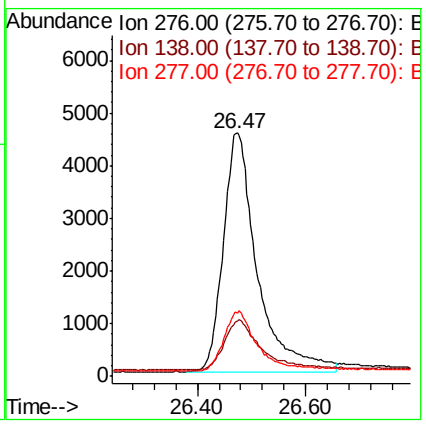


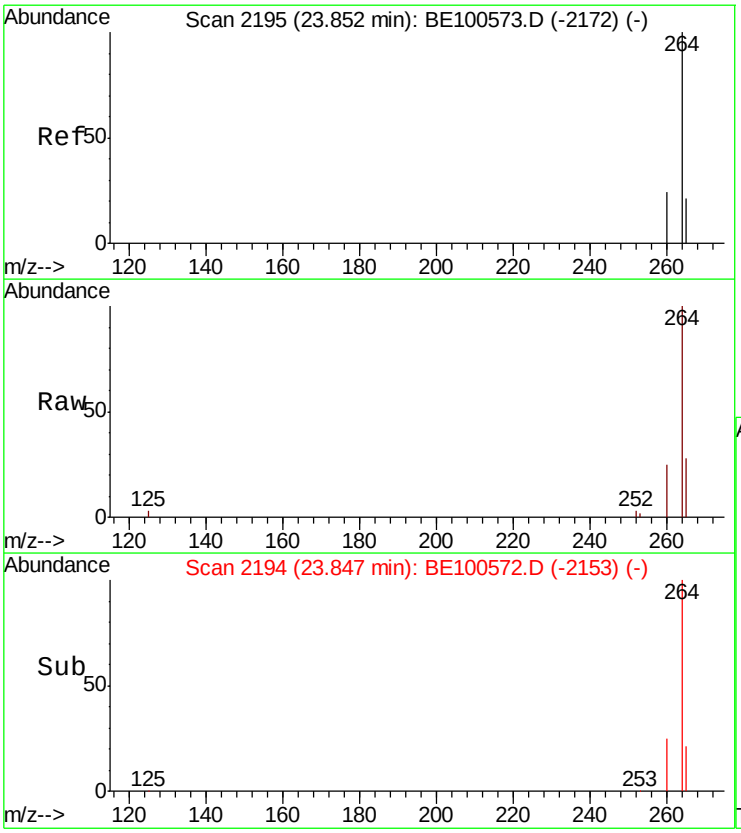
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng
RT: 26.47 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 19811

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.6	27.8
277	25.1	19.4	29.2

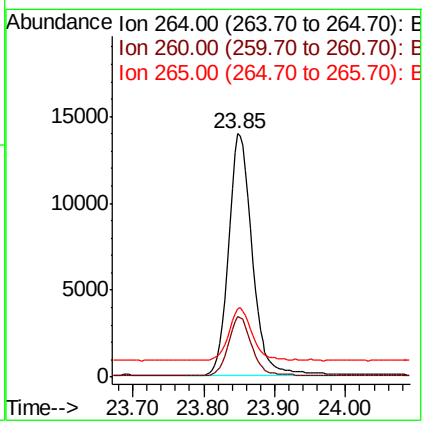


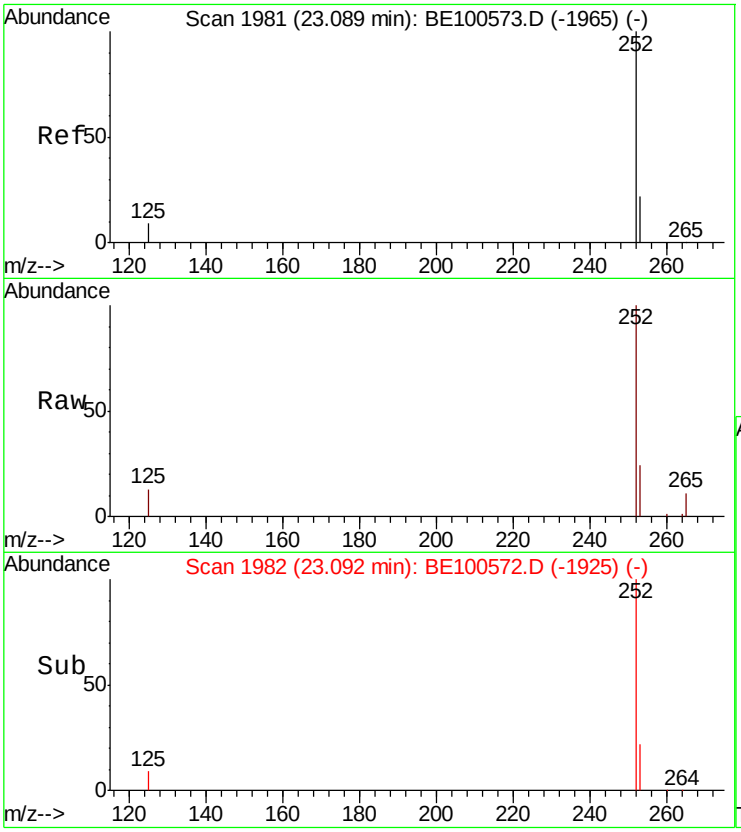


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:264 Resp: 32216

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	27.9	22.2	33.4



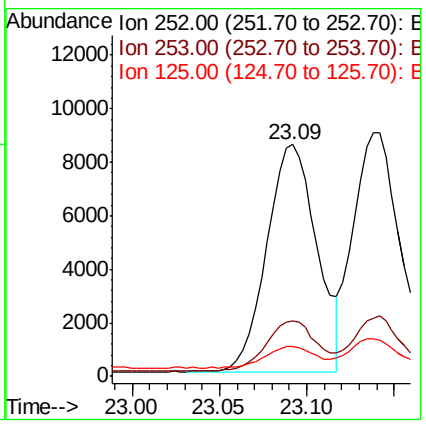


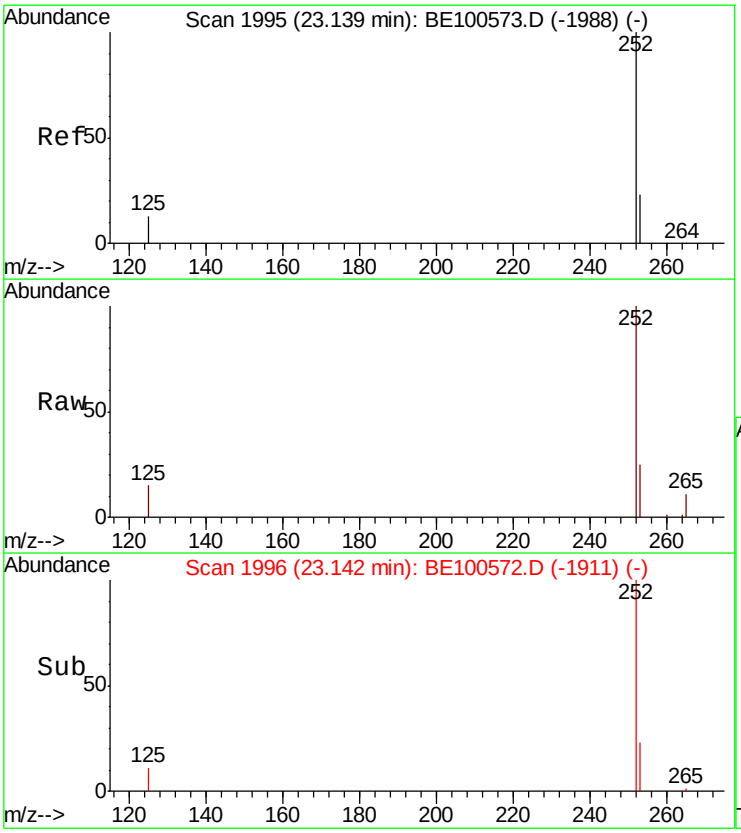
#35
Benzo(b)fluoranthene
Concen: 0.194 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 16903

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	12.8	8.7	13.1

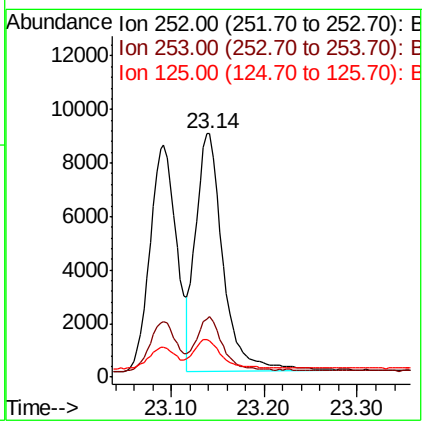


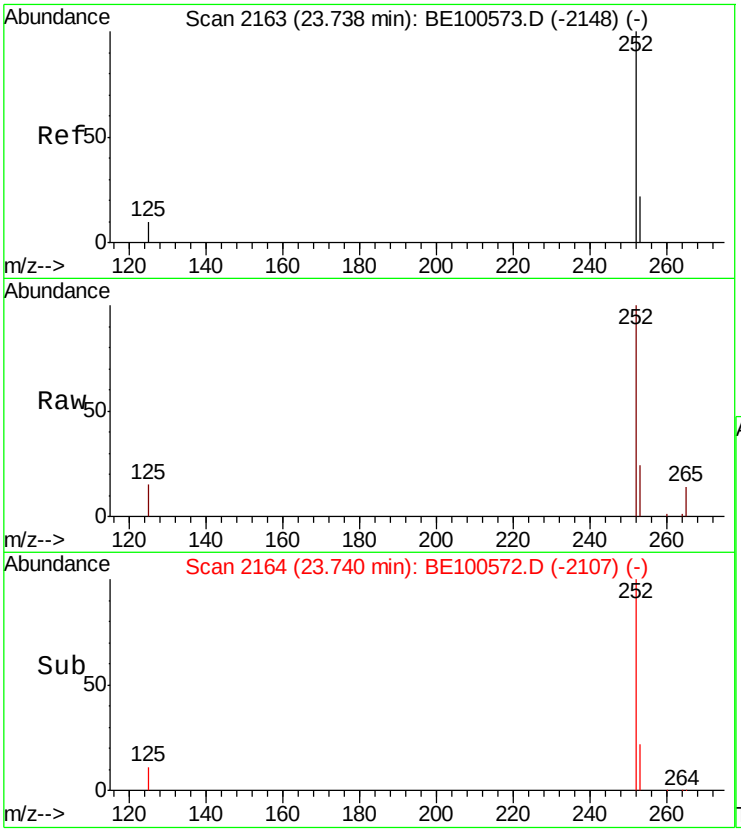


#36
Benzo(k)fluoranthene
Concen: 0.178 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:252 Resp: 18002

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.6	28.0
125	14.7	11.4	17.2



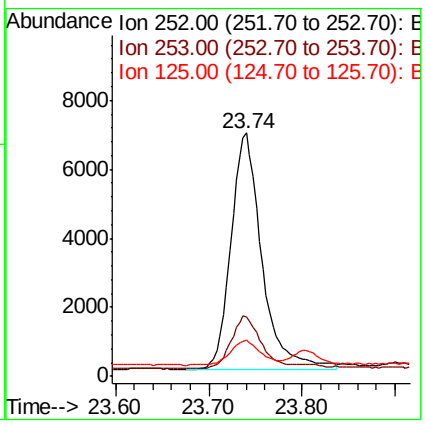


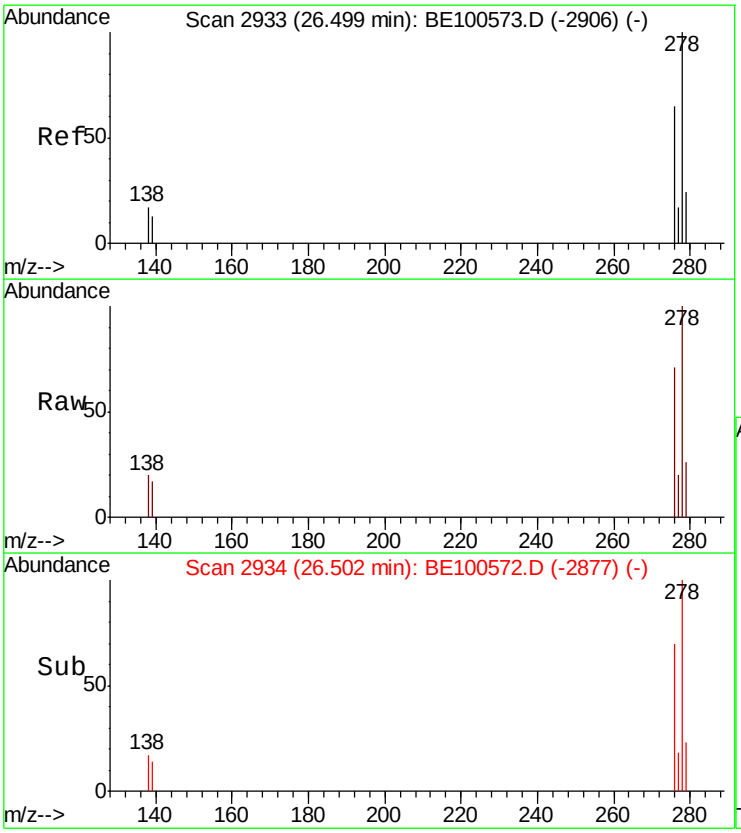
#37
Benzo(a)pyrene
Concen: 0.196 ng
RT: 23.74 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 15934

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	14.8	9.8	14.6#

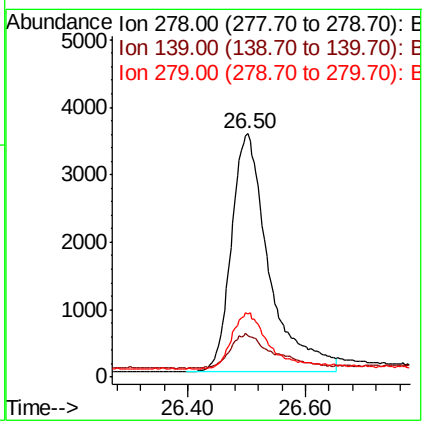


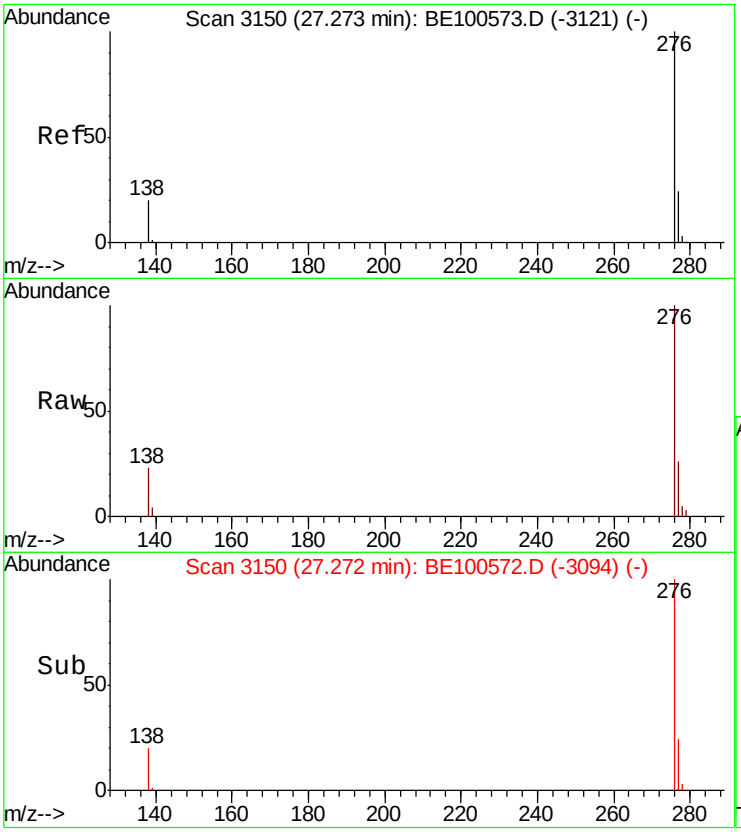


#38
Dibenzo(a,h)anthracene
Concen: 0.185 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Tgt Ion:278 Resp: 15663

Ion	Ratio	Lower	Upper
278	100		
139	17.2	11.7	17.5
279	26.0	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.190 ng
RT: 27.27 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BE100572.D
Acq: 27 Sep 2019 14:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 16813

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.7	29.5
138	22.8	17.0	25.4