Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100576.D
Acq On : 27 Sep 2019 17:08
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Sep 27 18:03:52 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	3235	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	16958	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	10938	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	23916	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29893	0.40	ng		0.00
34) Perylene-d12	23.85	264	31962	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	32235	4.26	ng		0.00
5) Phenol-d6	7.02	99	46147	4.45	ng		0.00
8) Nitrobenzene-d5	9.00	82	43280	4.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	88317	3.48	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	11237	6.35	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	124772	3.20	ng		0.00
25) Fluoranthene-d10	19.24	212	1034788	3.64	ng		0.00
29) Terphenyl-d14	19.83	244	248100	3.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	15771	3.379	ng		89
3) n-Nitrosodimethylamine	3.65	42	11500	4.200	ng	#	100
6) bis(2-Chloroethyl)ether	7.27	93	38471	3.669	ng		96
9) Naphthalene	10.69	128	576977	3.282	ng		100
10) Hexachlorobutadiene	10.99	225	17203	3.060	ng		99
12) 2-Methylnaphthalene	12.31	142	102831	3.676	ng		98
16) Acenaphthylene	14.21	152	168769	3.747	ng		99
17) Acenaphthene	14.54	154	108049	3.552	ng		95
18) Fluorene	15.51	166	137370	3.611	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	39872	3.548	ng		97
21) Hexachlorobenzene	16.53	284	31742	3.242	ng		98
22) Pentachlorophenol	16.87	266	14168	6.340	ng		92
23) Phenanthrene	17.25	178	229721	3.447	ng		100
24) Anthracene	17.34	178	222867	3.973	ng		100
26) Fluoranthene	19.26	202	289874	3.607	ng		99
28) Pyrene	19.63	202	292983	3.406	ng		99
30) Benzo(a)anthracene	21.35	228	296185	3.710	ng		100
31) Chrysene	21.40	228	296179	3.256	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	696003	8.088	ng		99
33) Indeno(1,2,3-cd)pyrene	26.47	276	359677	3.556	ng		98
35) Benzo(b)fluoranthene	23.09	252	298295	3.449	ng		98
36) Benzo(k)fluoranthene	23.14	252	325646	3.254	ng	#	94
37) Benzo(a)pyrene	23.74	252	284012	3.520	ng		97
38) Dibenzo(a,h)anthracene	26.50	278	300647	3.578	ng		99
39) Benzo(g,h,i)perylene	27.28	276	293231	3.341	ng		98

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

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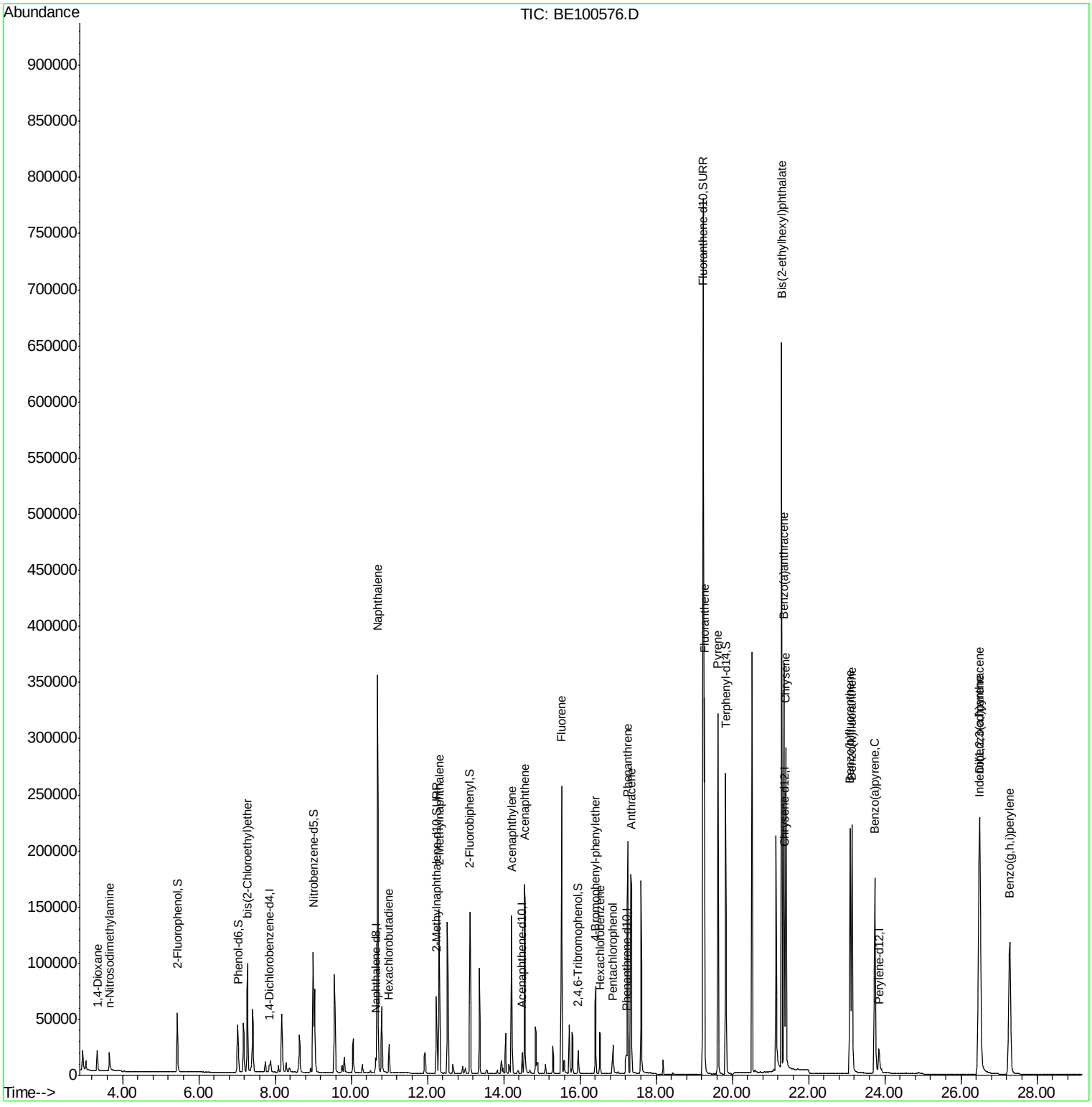
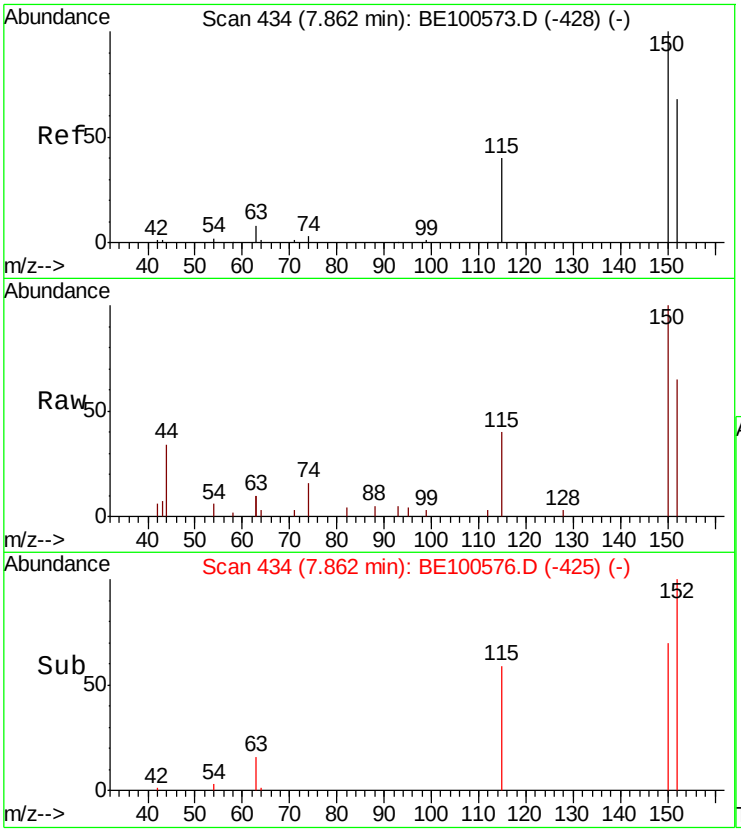
Acq On : 27 Sep 2019 17:08
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 27 18:03:52 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



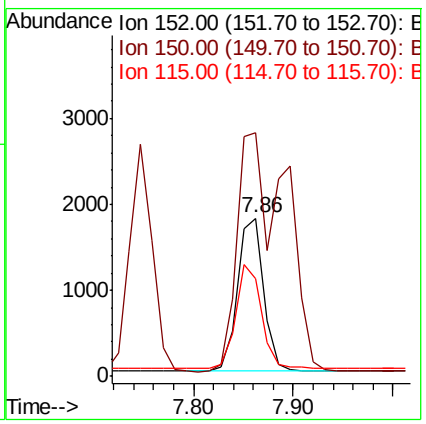


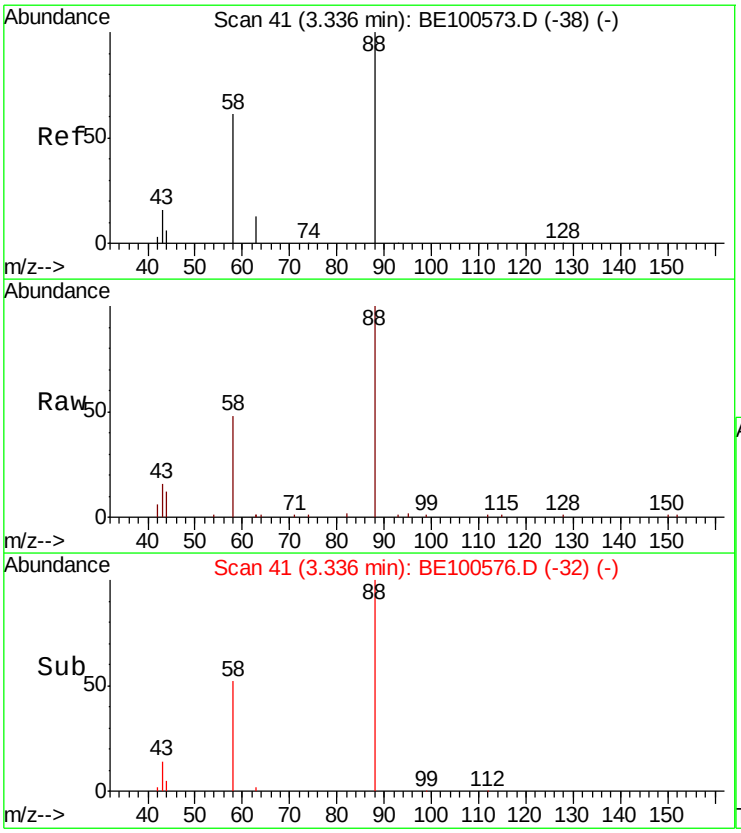
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 3235

Ion	Ratio	Lower	Upper
152	100		
150	154.1	116.9	175.3
115	62.0	50.2	75.4

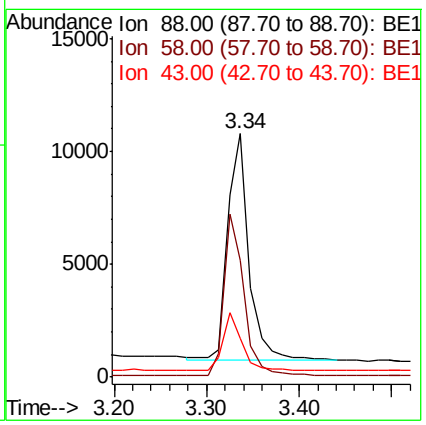


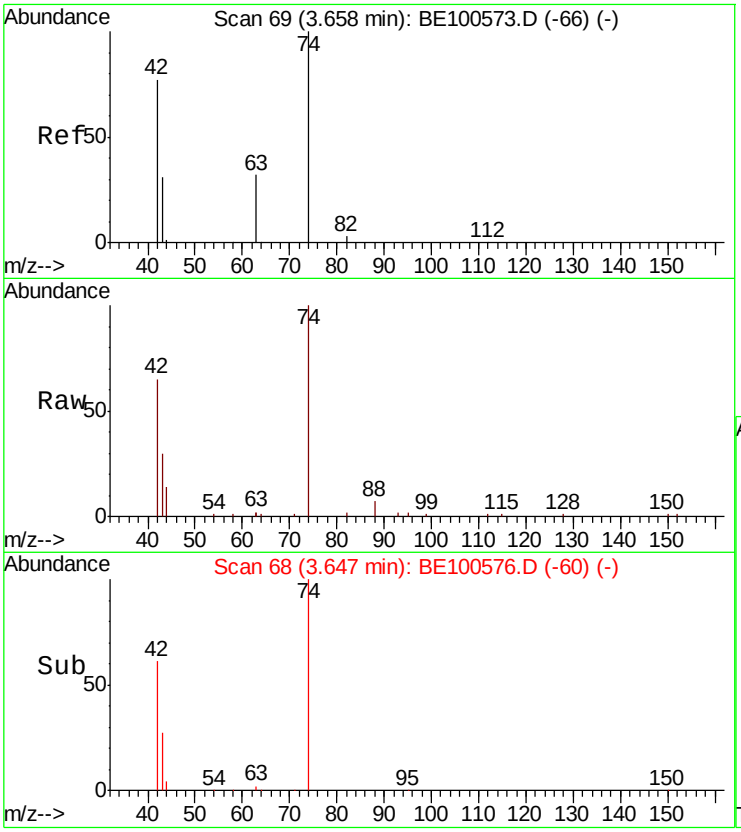


#2
1,4-Dioxane
Concen: 3.379 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion: 88 Resp: 15771

Ion	Ratio	Lower	Upper
88	100		
58	68.0	46.4	69.6
43	22.9	16.7	25.1



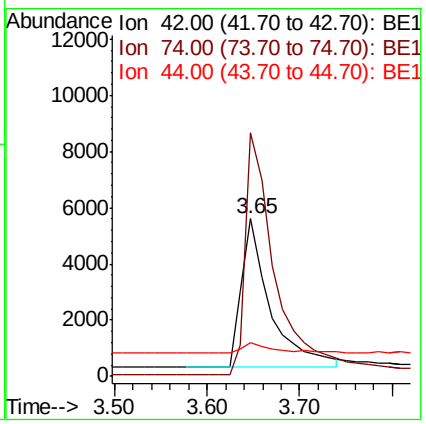


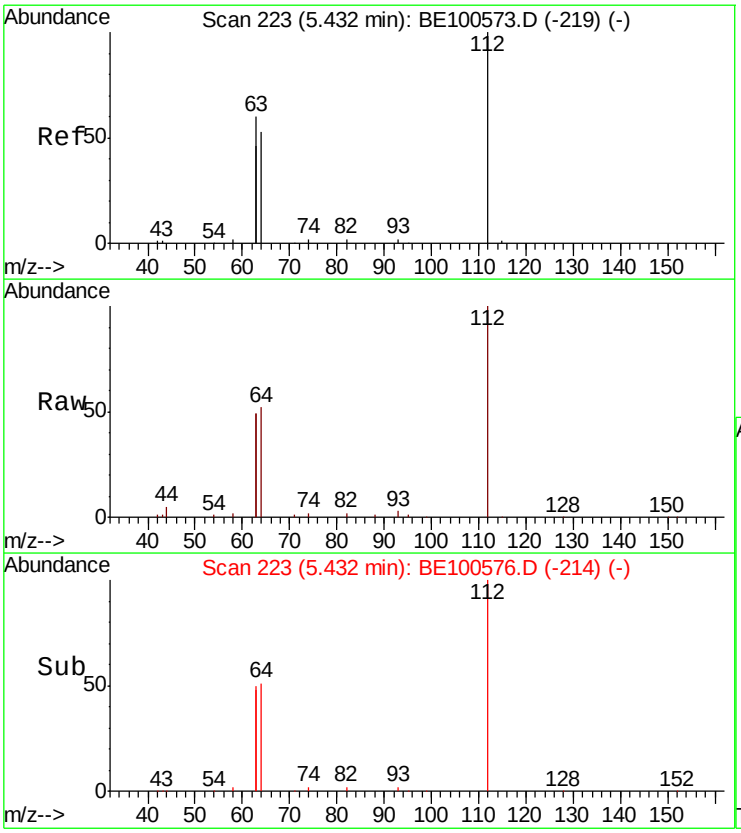
#3
n-Nitrosodimethylamine
Concen: 4.200 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 11500

Ion	Ratio	Lower	Upper
42	100		
74	165.8	0.0	0.0#
44	8.6	0.0	0.0#

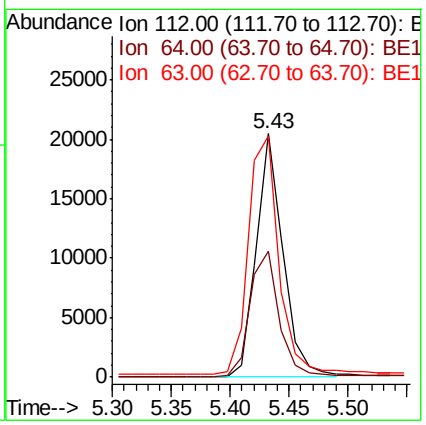


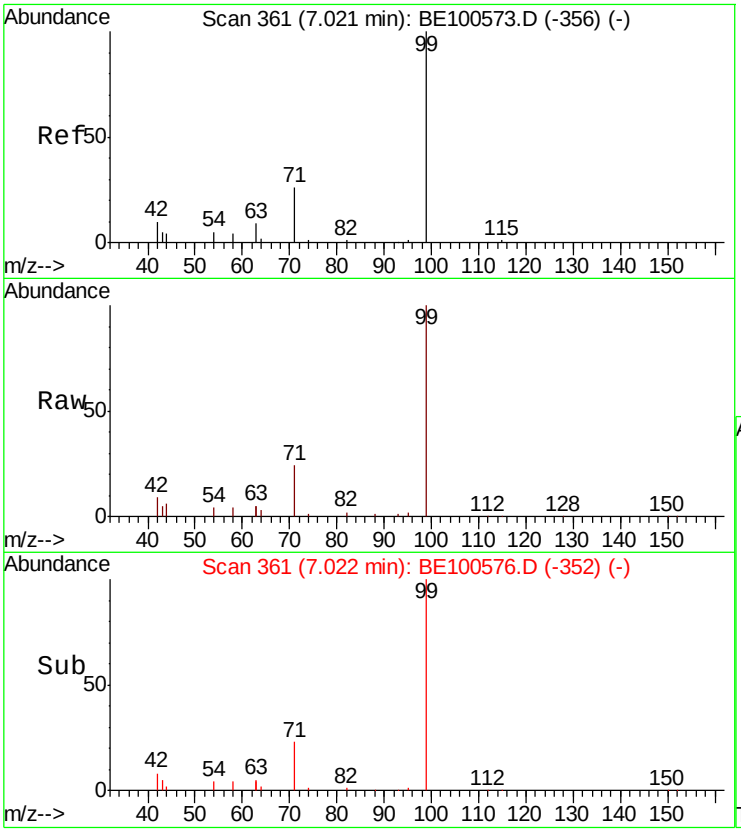


#4
2-Fluorophenol
Concen: 4.256 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:112 Resp: 32235

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.9	67.3
63	110.7	90.1	135.1



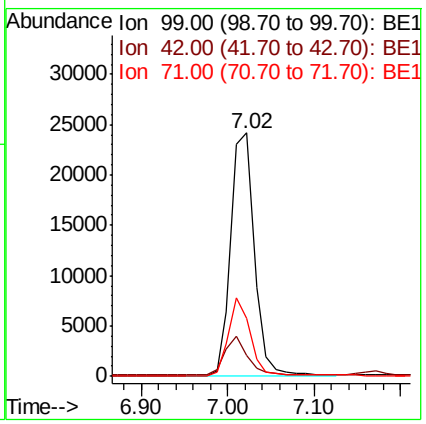


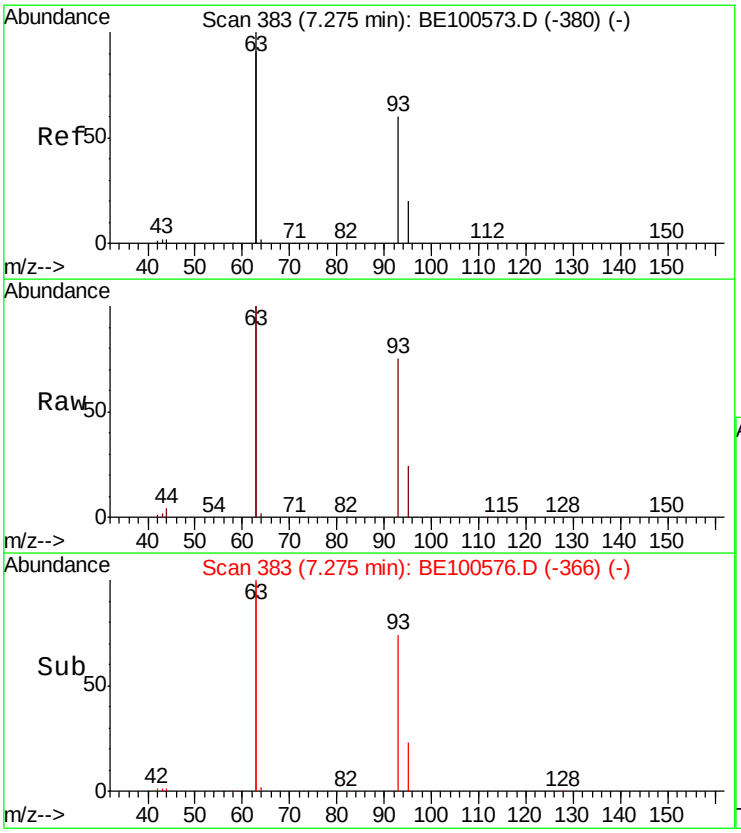
#5
Phenol-d6
Concen: 4.451 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 46147

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.7	17.5
71	28.9	23.6	35.4

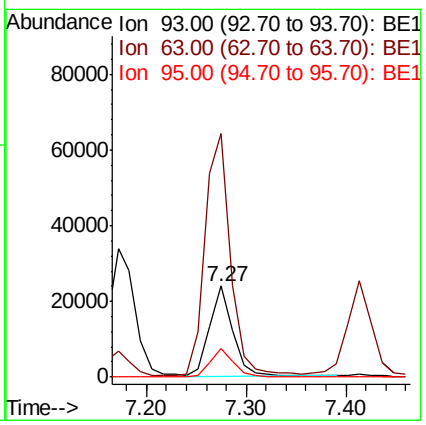


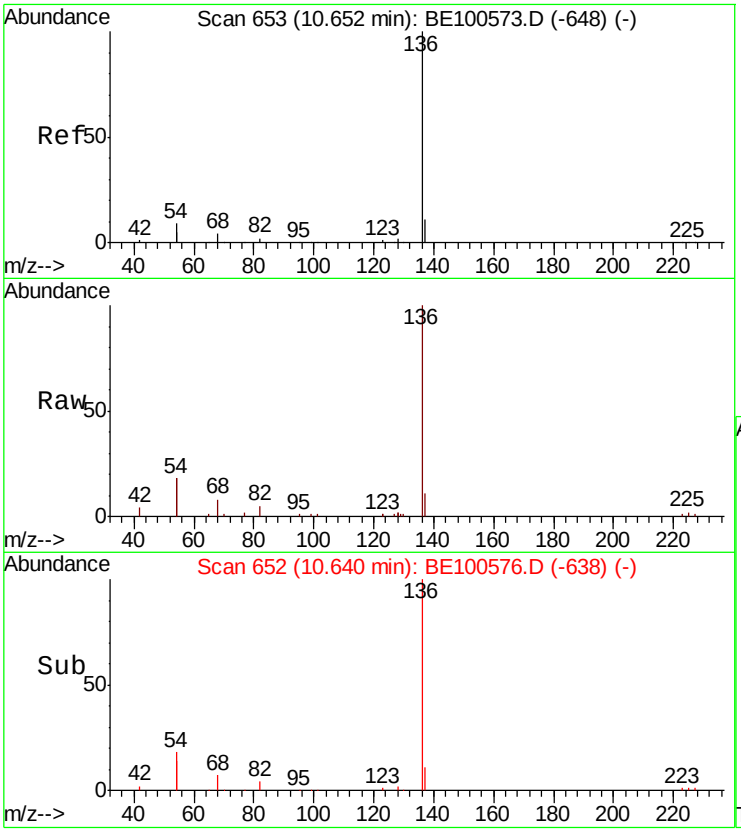


#6
bis(2-Chloroethyl)ether
Concen: 3.669 ng
RT: 7.27 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion: 93 Resp: 38471

Ion	Ratio	Lower	Upper
93	100		
63	292.4	228.3	342.5
95	31.8	24.2	36.4



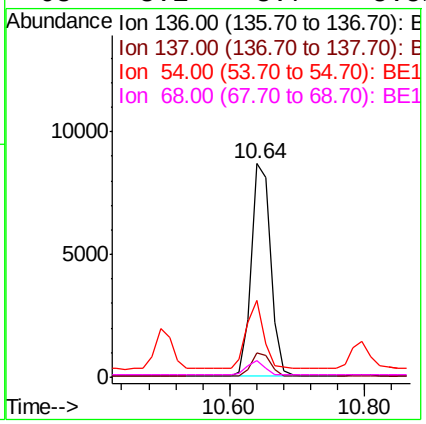


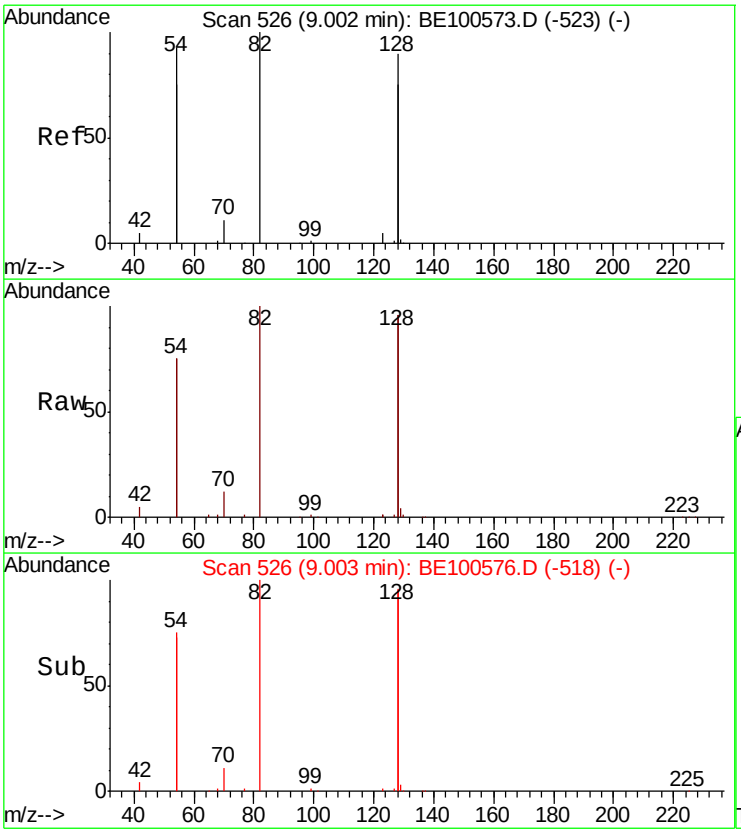
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 16958

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	35.7	15.0	22.6#
68	8.1	3.7	5.5#

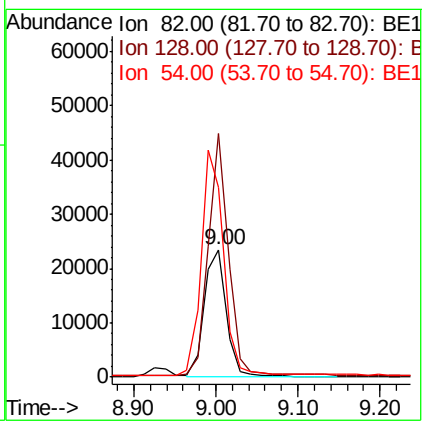


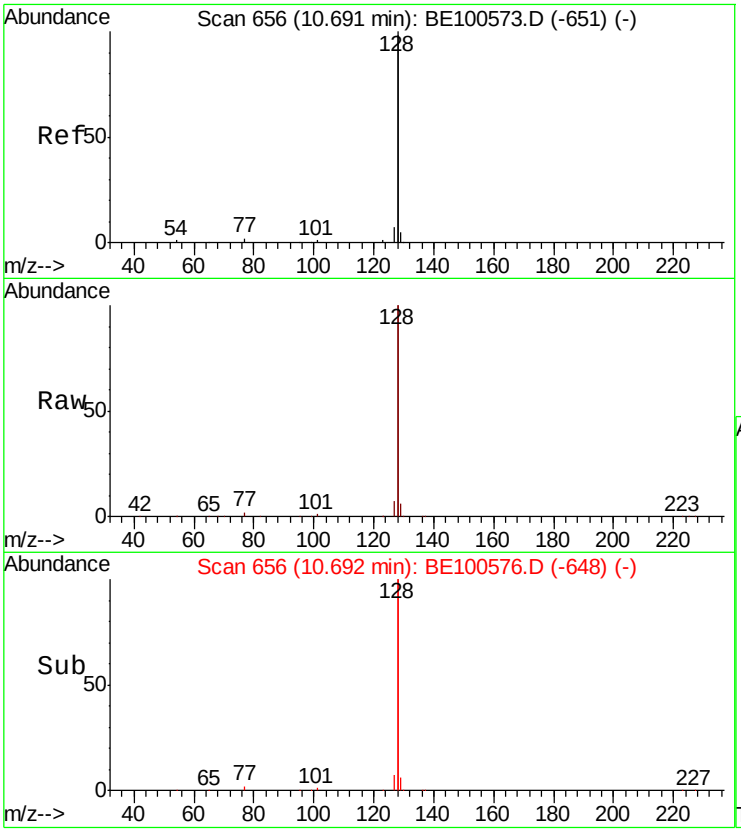


#8
Nitrobenzene-d5
Concen: 4.428 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion: 82 Resp: 43280

Ion	Ratio	Lower	Upper
82	100		
128	191.3	137.9	206.9
54	149.0	143.0	214.6



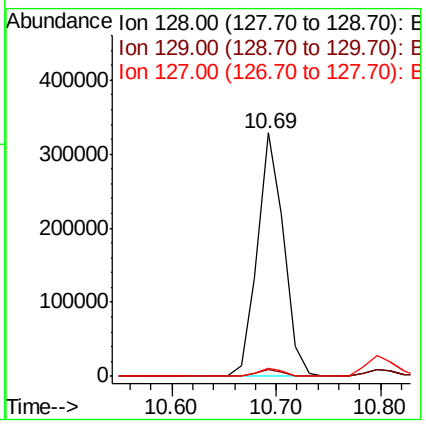


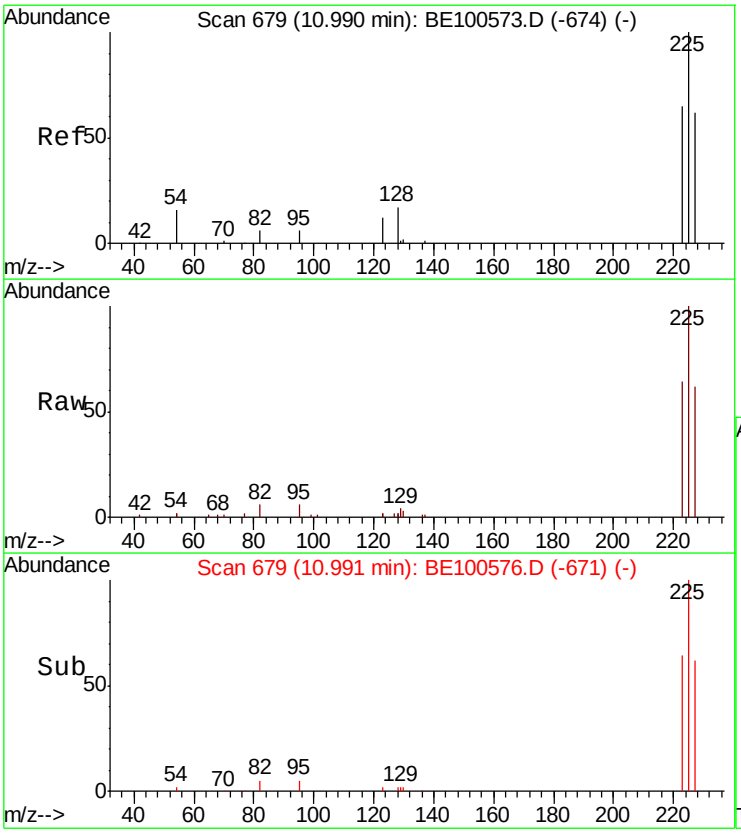
#9
Naphthalene
Concen: 3.282 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 576977

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.3	2.8	4.2

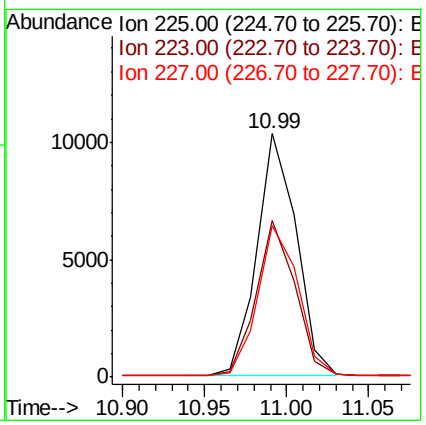


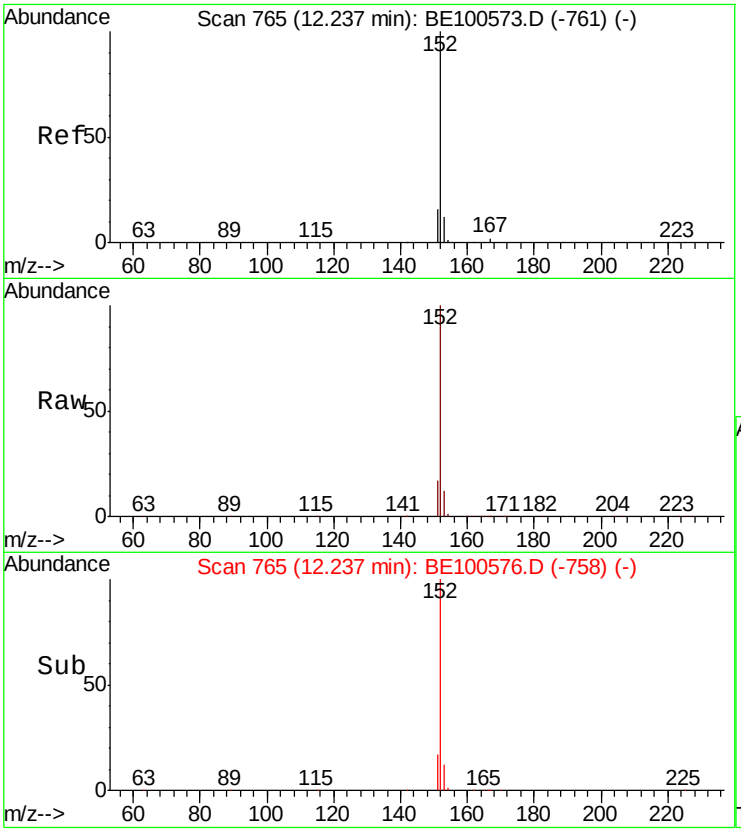


#10
Hexachlorobutadiene
Concen: 3.060 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:225 Resp: 17203

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	63.5	50.3	75.5



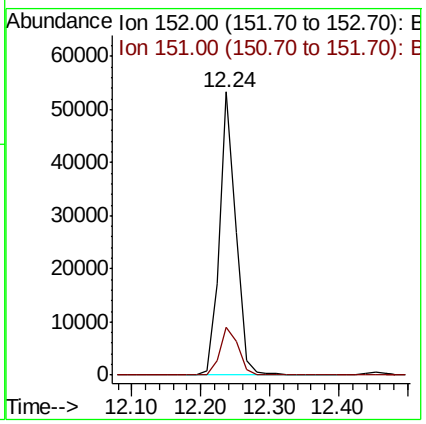


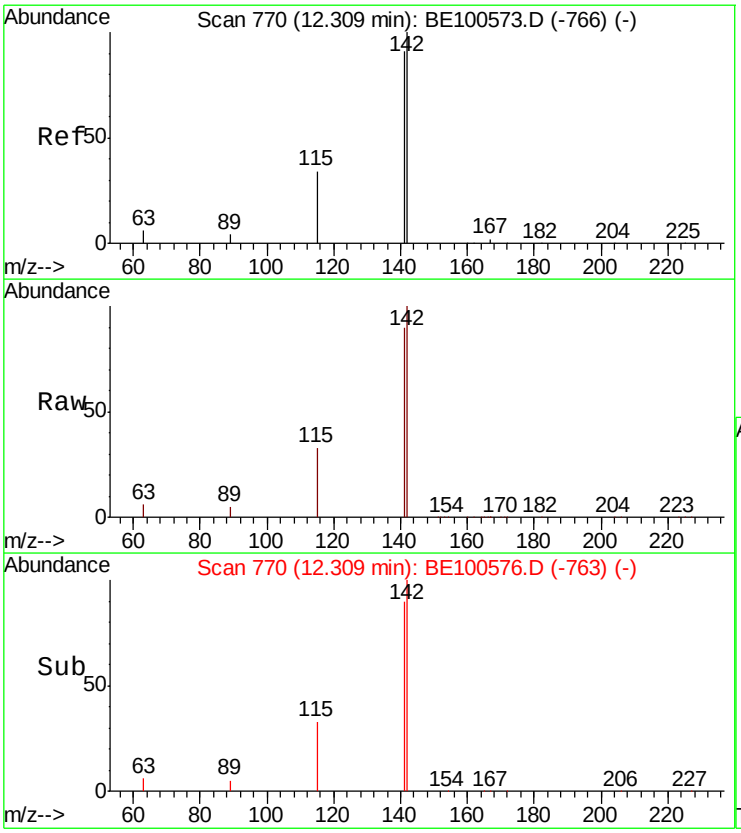
#11
2-Methylnaphthalene-d10
Concen: 3.482 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 88317

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

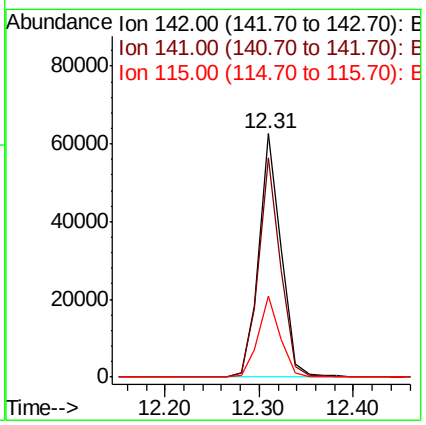


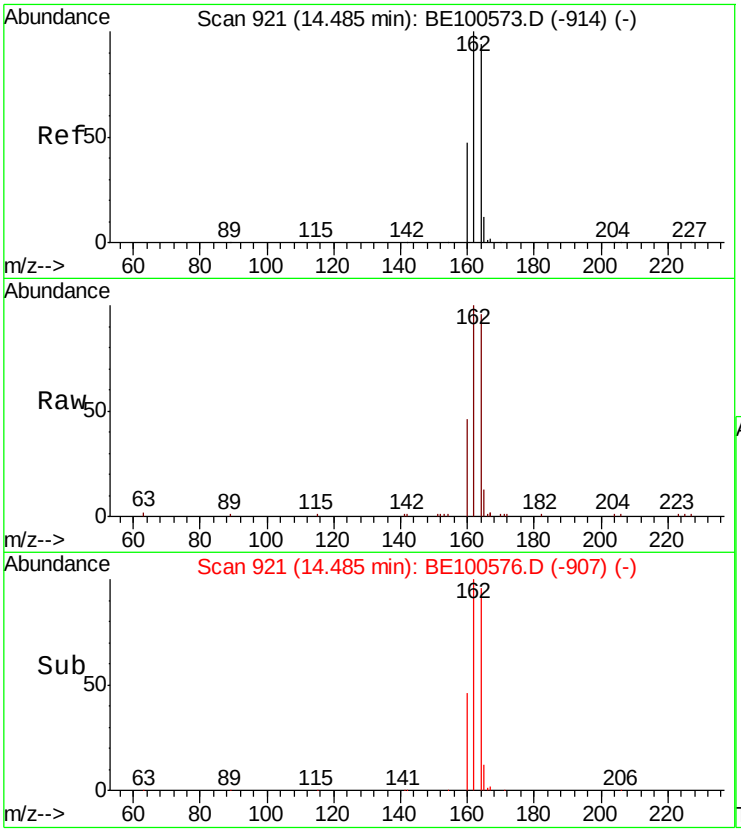


#12
2-Methylnaphthalene
Concen: 3.676 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:142 Resp: 102831

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.2	109.8
115	33.2	28.2	42.2



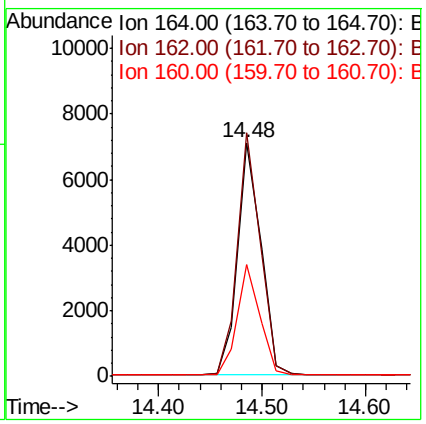


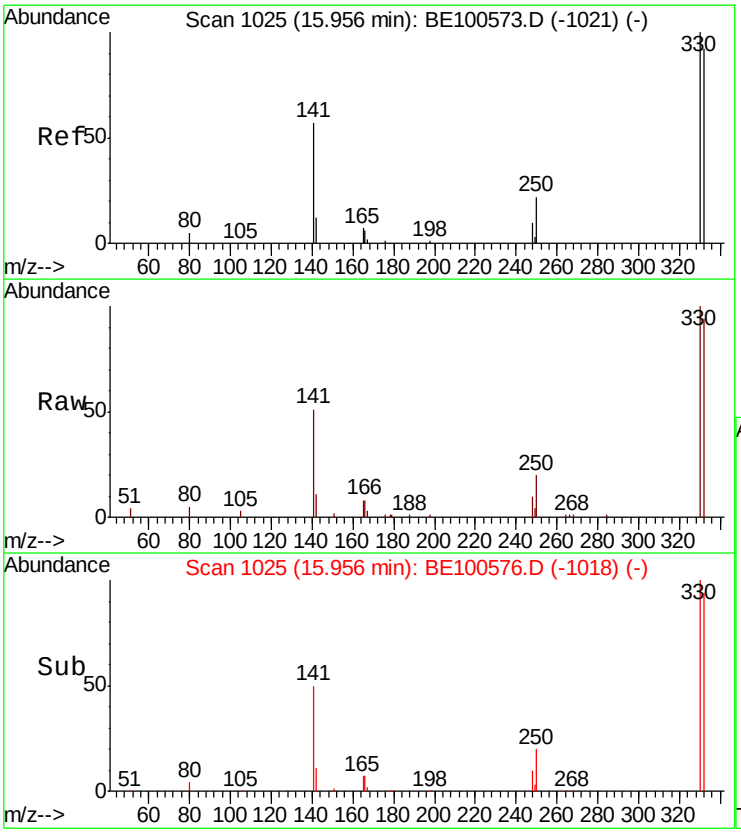
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 10938

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.0	127.4
160	48.0	40.2	60.4

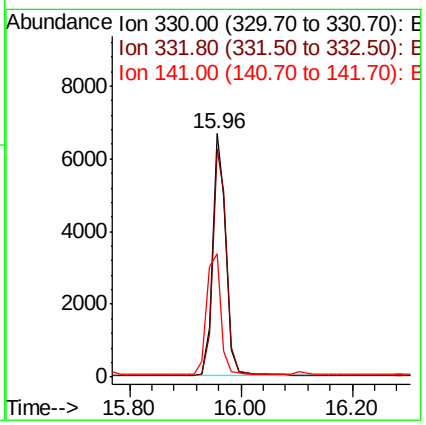


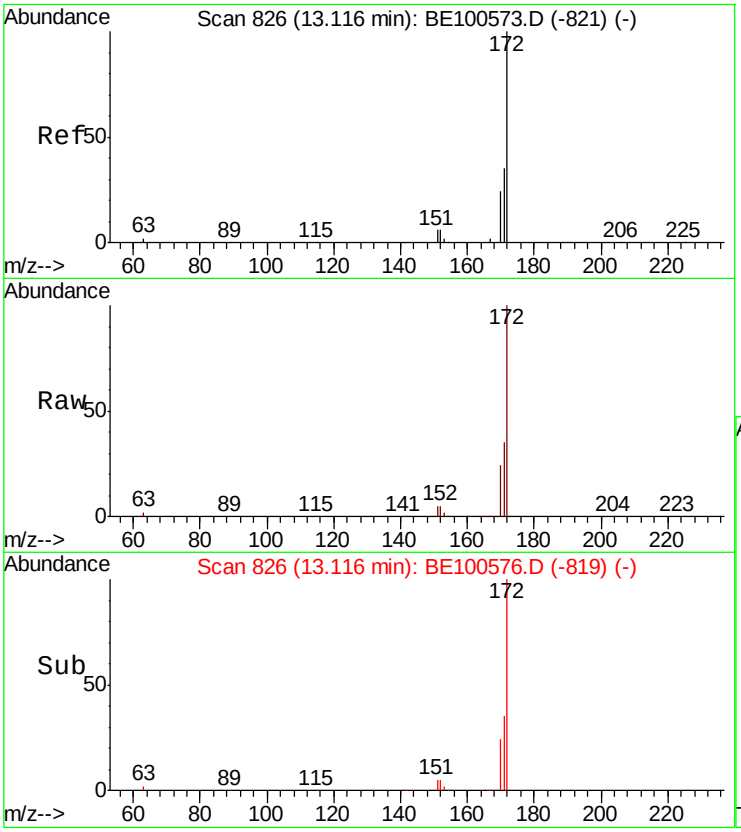


#14
2,4,6-Tribromophenol
Concen: 6.352 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:330 Resp: 11237

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.1	117.1
141	53.4	42.1	63.1



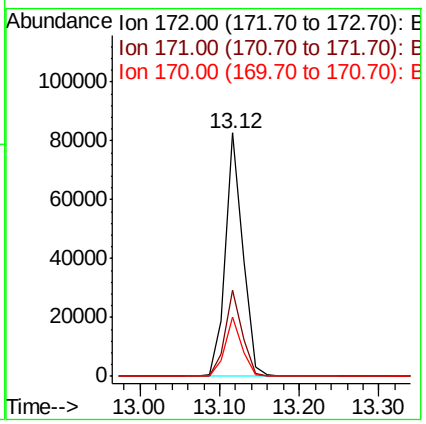


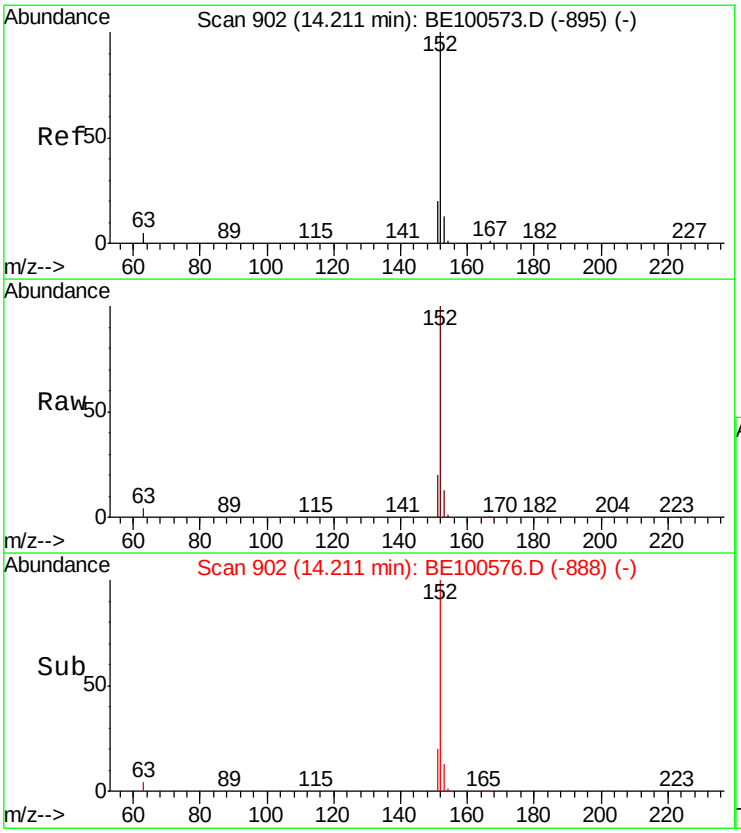
#15
2-Fluorobiphenyl
Concen: 3.196 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 124772

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	24.1	19.2	28.8

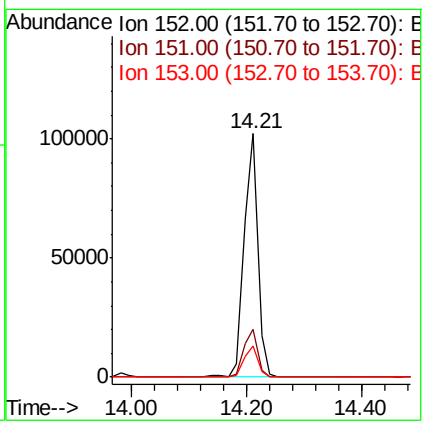


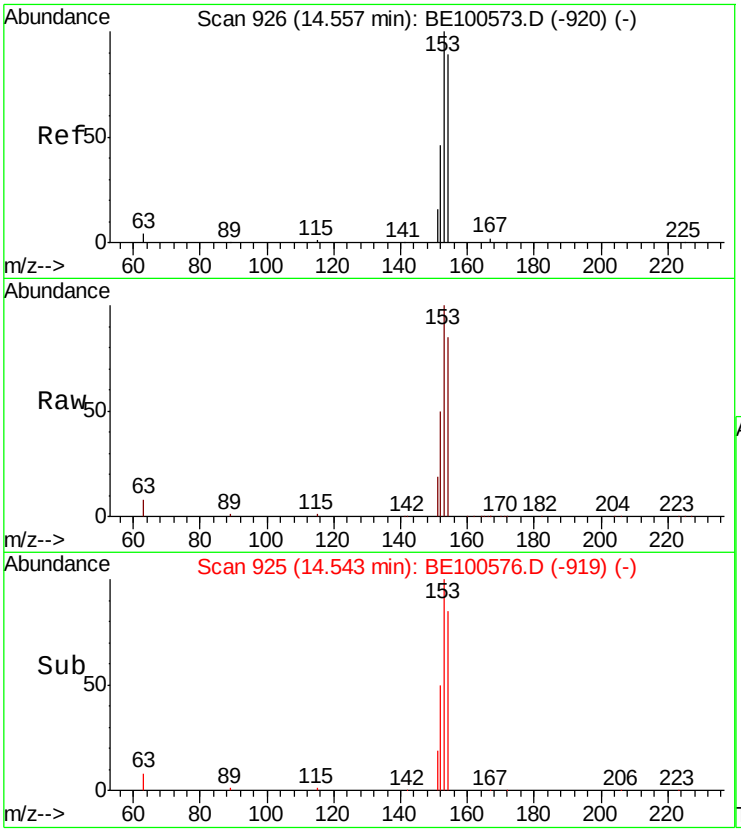


#16
Acenaphthylene
Concen: 3.747 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:152 Resp: 168769

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.6	16.0



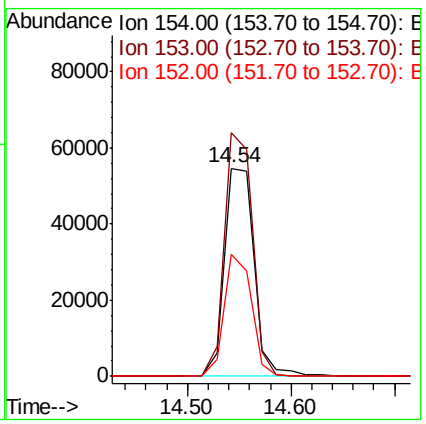


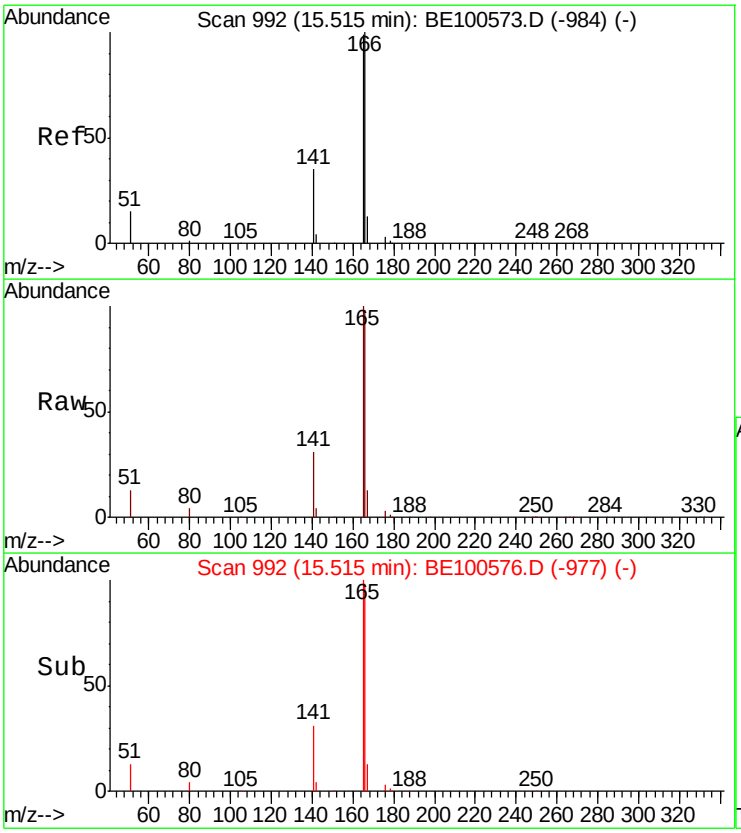
#17
Acenaphthene
Concen: 3.552 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 108049

Ion	Ratio	Lower	Upper
154	100		
153	110.6	92.7	139.1
152	54.1	45.6	68.4

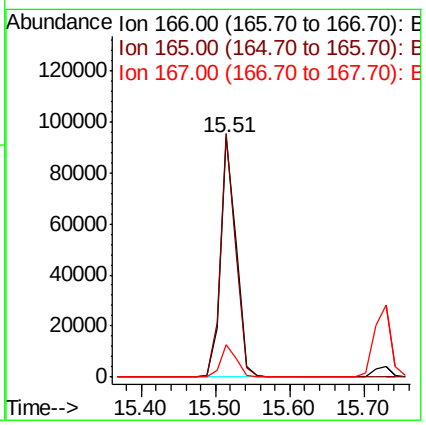


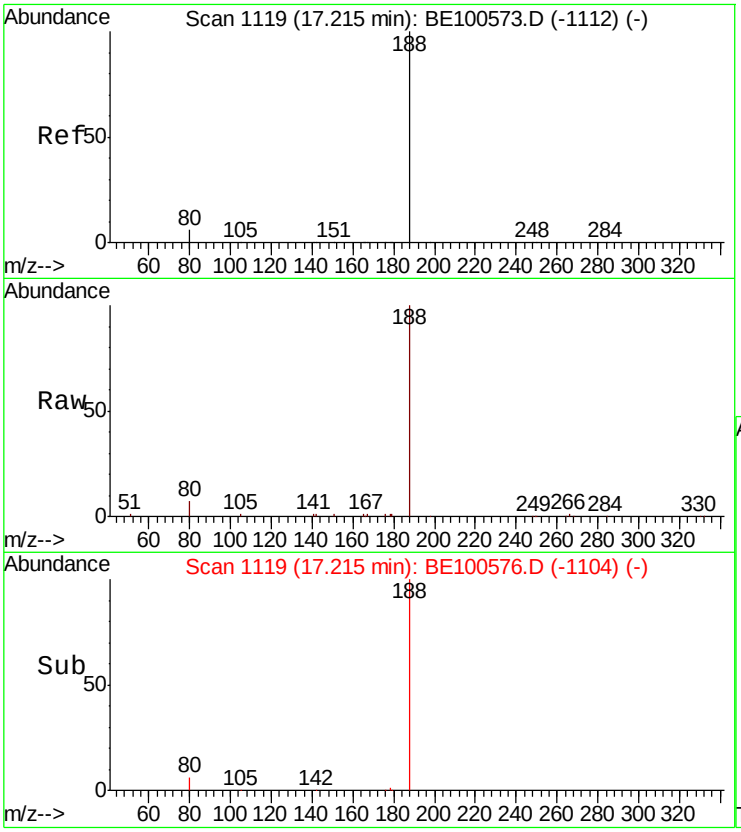


#18
Fluorene
Concen: 3.611 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:166 Resp: 137370

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.0	117.0
167	13.5	10.7	16.1



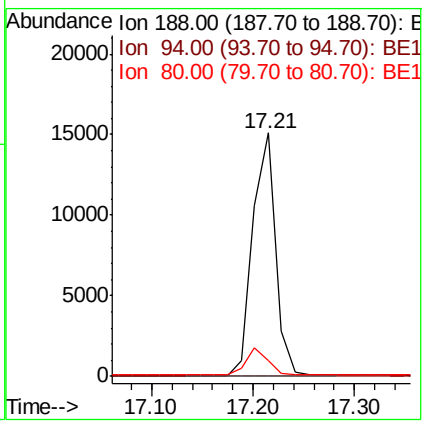


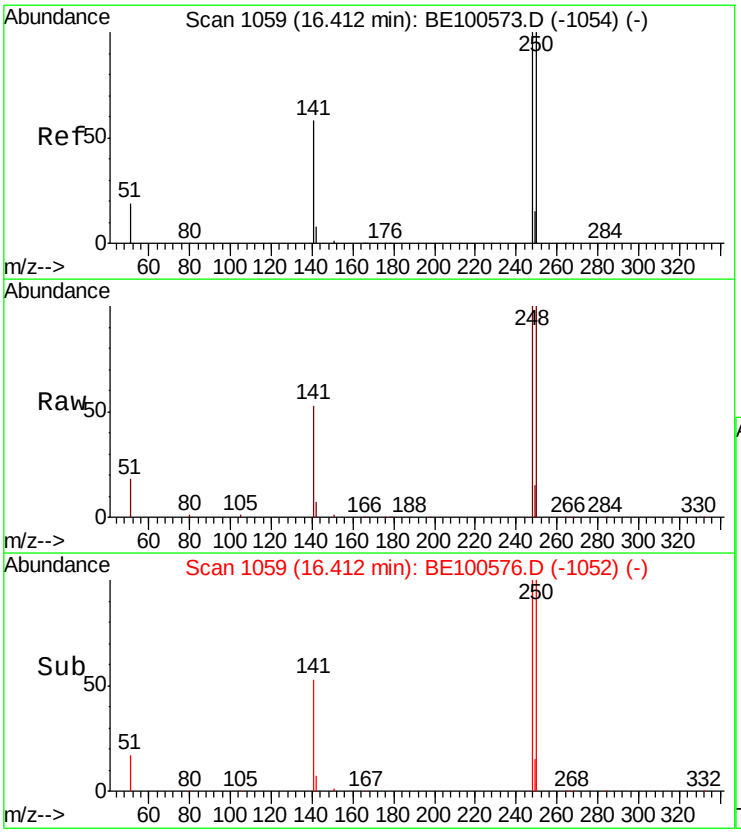
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 23916

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	5.6	8.4

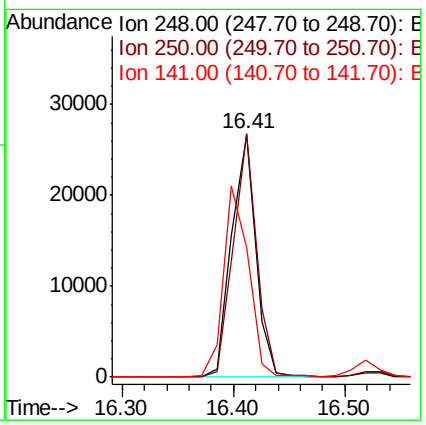


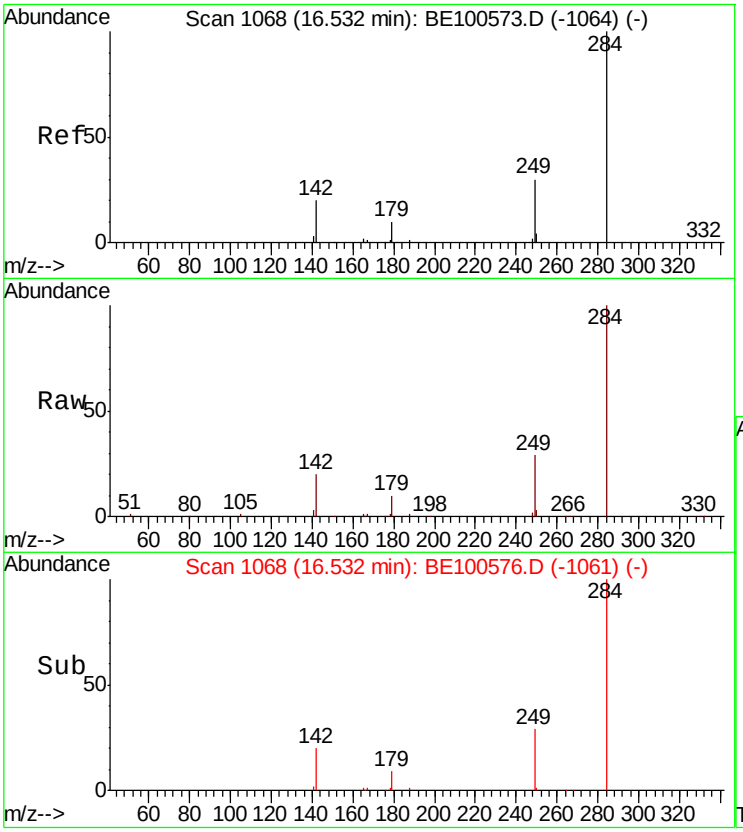


#20
4-Bromophenyl-phenylether
Concen: 3.548 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:248 Resp: 39872

Ion	Ratio	Lower	Upper
248	100		
250	100.4	79.9	119.9
141	53.5	47.7	71.5



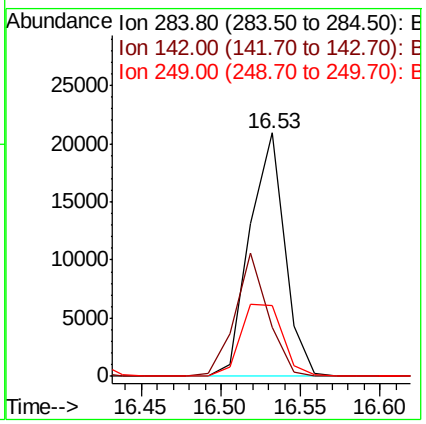


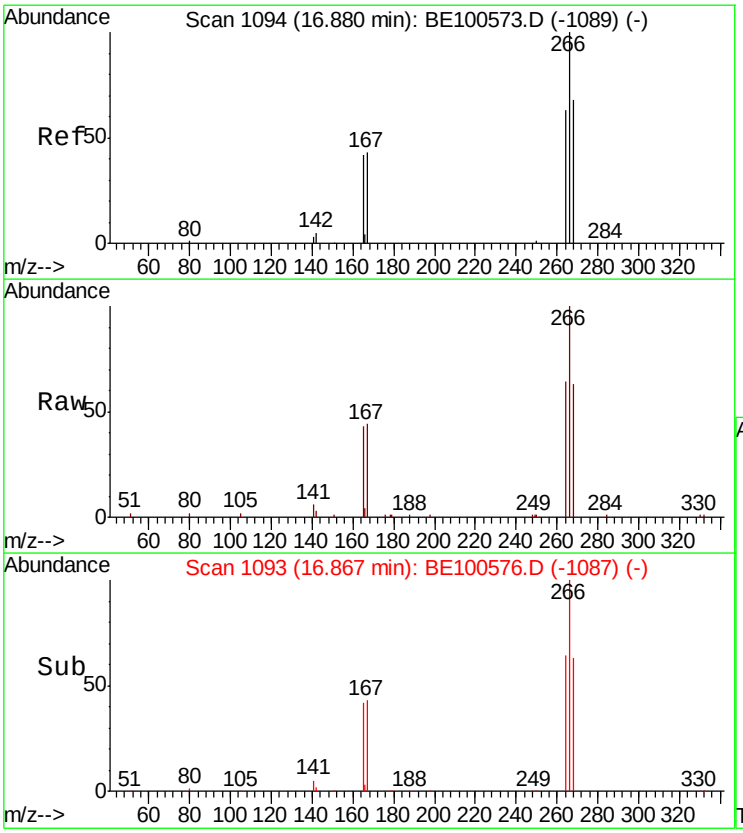
#21
Hexachlorobenzene
Concen: 3.242 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 31742

Ion	Ratio	Lower	Upper
284	100		
142	47.1	37.0	55.4
249	34.7	27.0	40.4

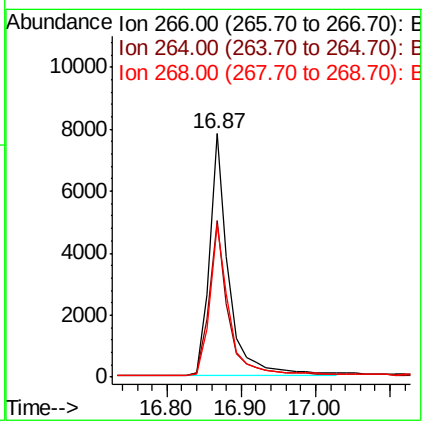


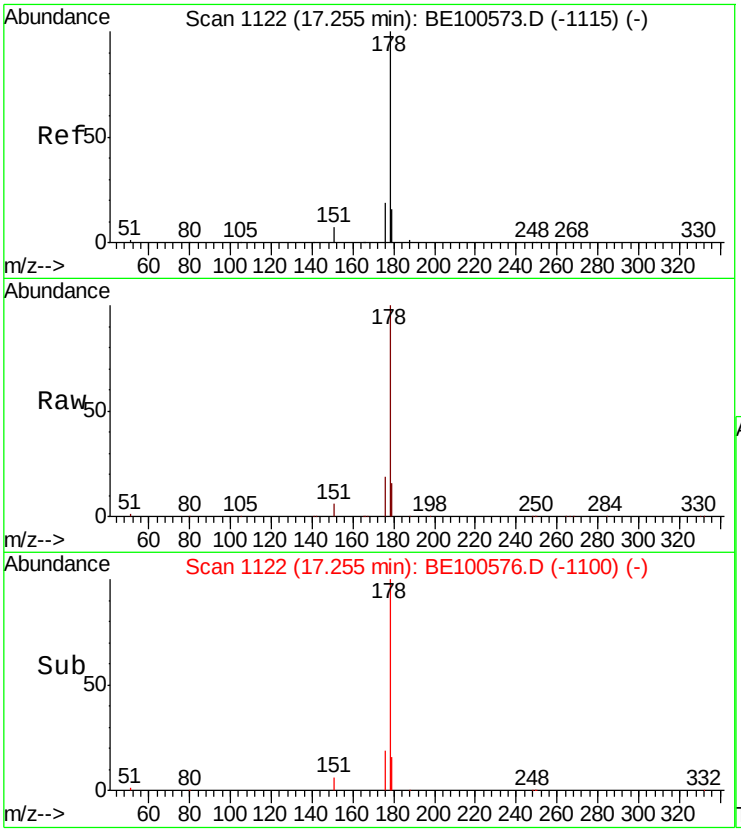


#22
Pentachlorophenol
Concen: 6.340 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:266 Resp: 14168

Ion	Ratio	Lower	Upper
266	100		
264	64.5	53.5	80.3
268	62.9	58.3	87.5



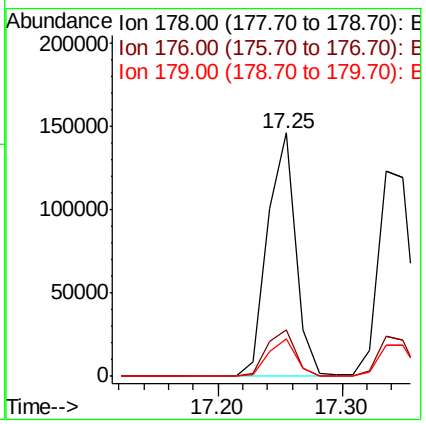


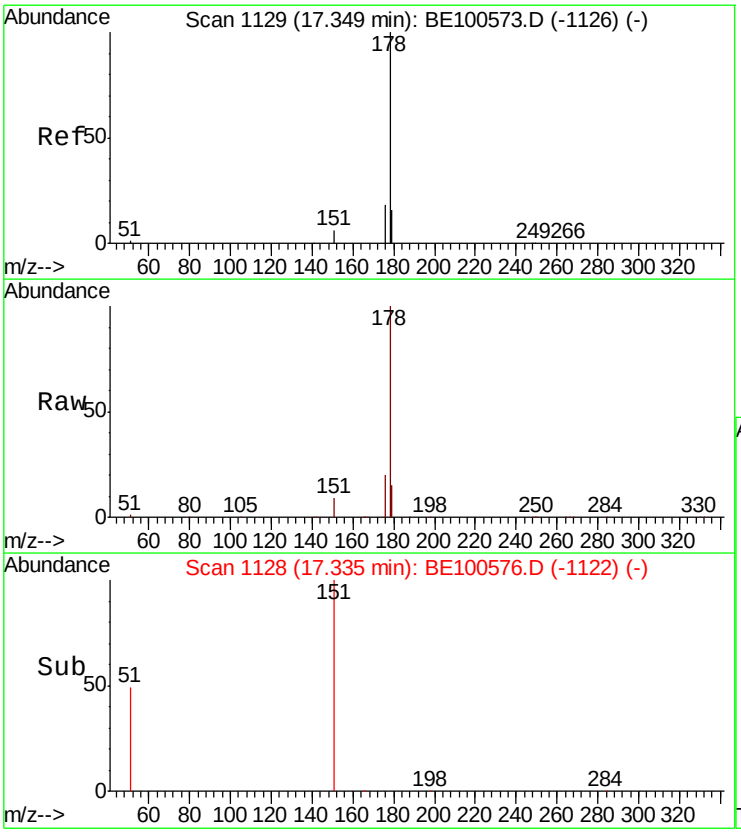
#23
Phenanthrene
Concen: 3.447 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 229721

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	12.4	18.6

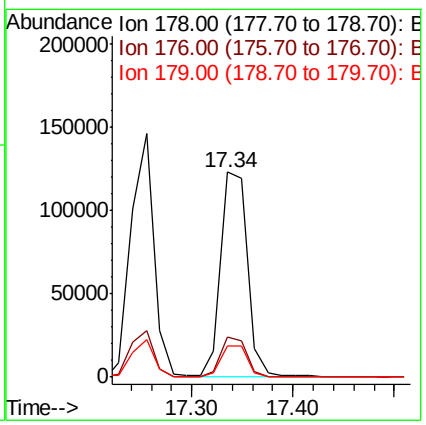


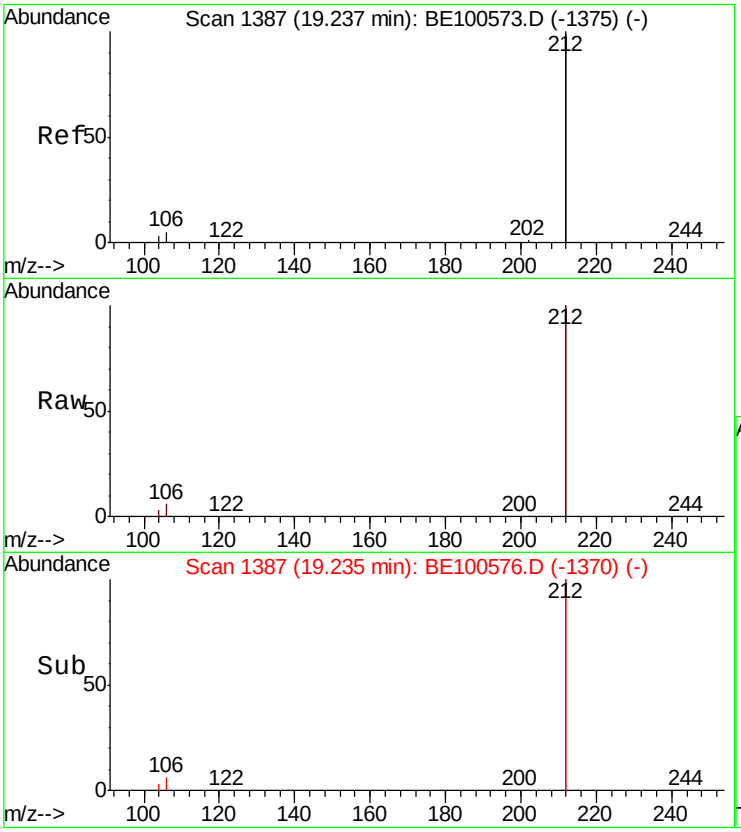


#24
Anthracene
Concen: 3.973 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:178 Resp: 222867

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.3	18.5



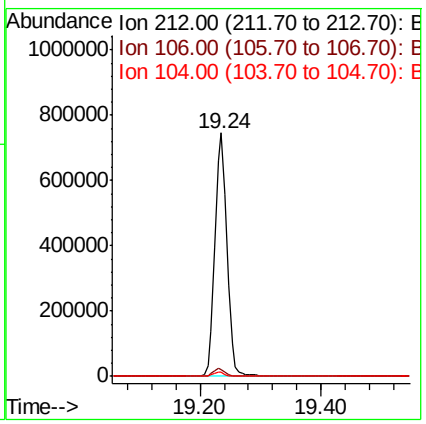


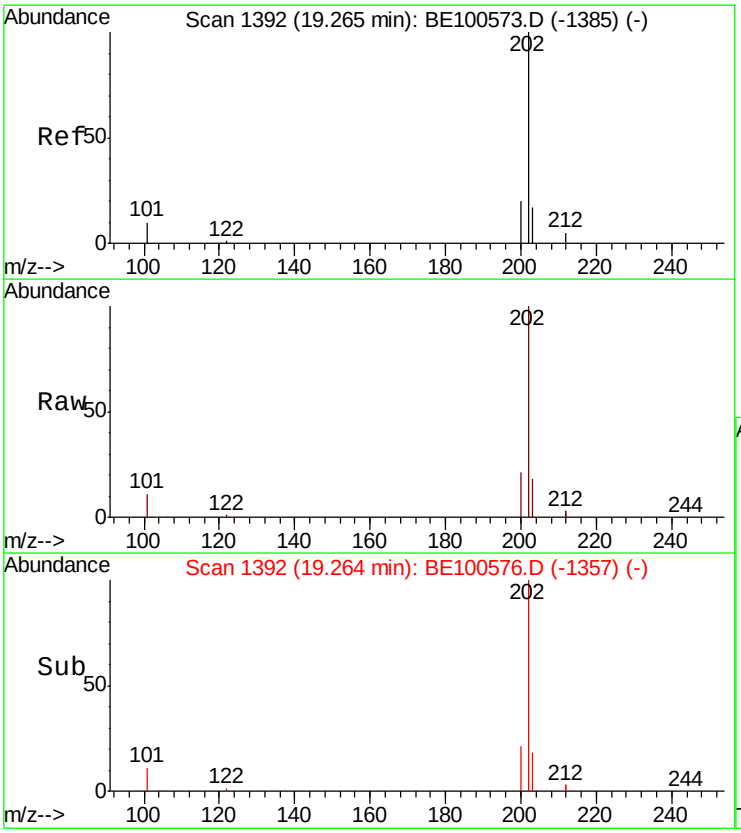
#25
Fluoranthene-d10
Concen: 3.638 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1034788

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.5	3.7
104	1.7	1.4	2.0

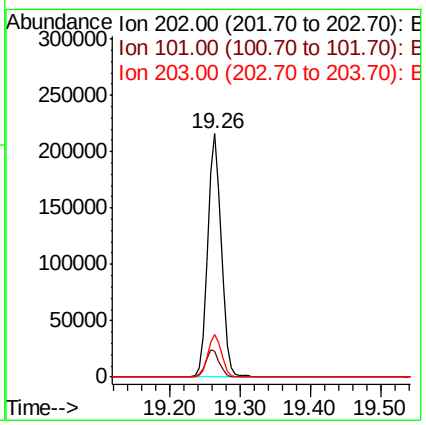


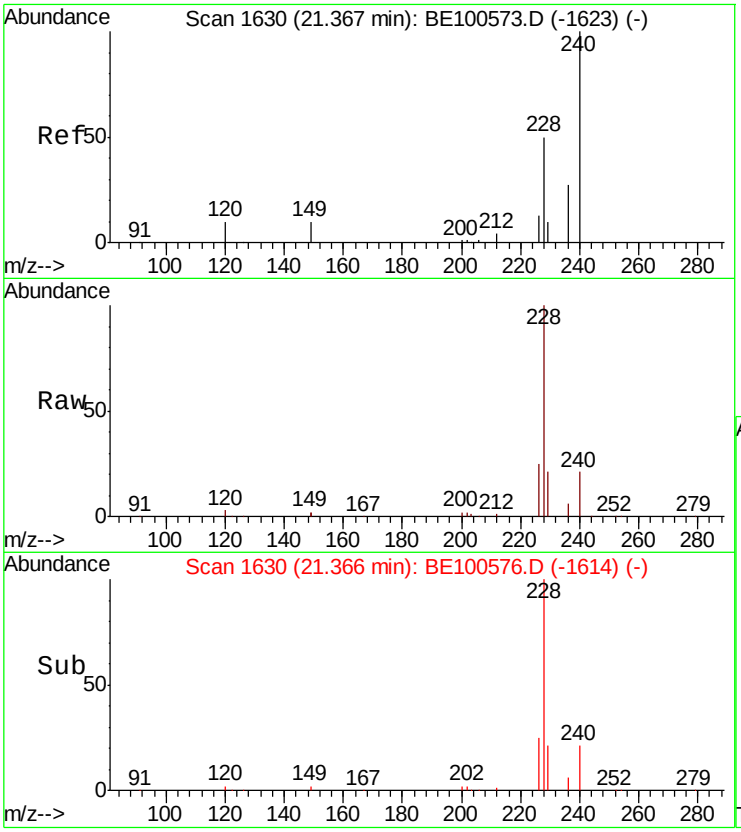


#26
Fluoranthene
Concen: 3.607 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:202 Resp: 289874

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.4
203	17.6	13.6	20.4



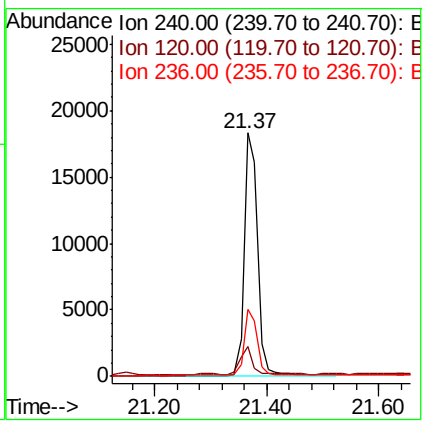


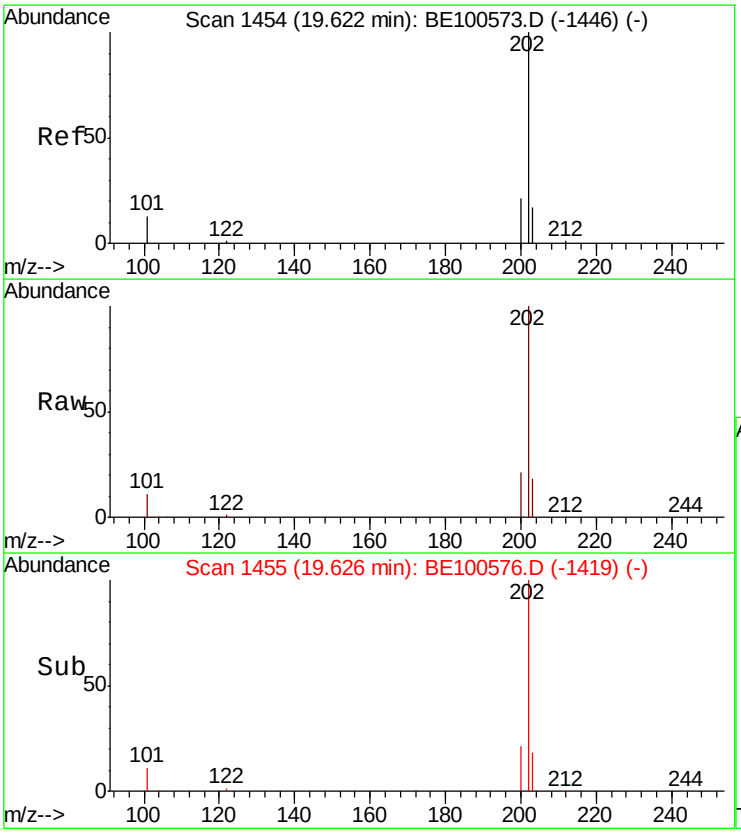
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 29893

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.7	13.1
236	27.8	21.8	32.8

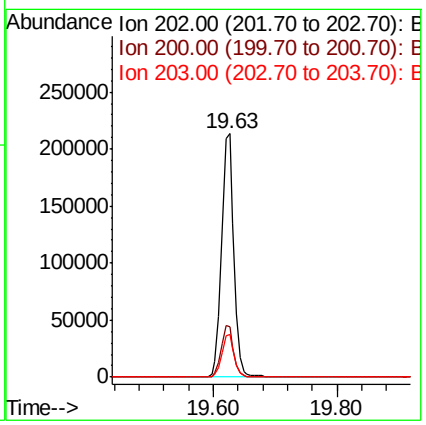


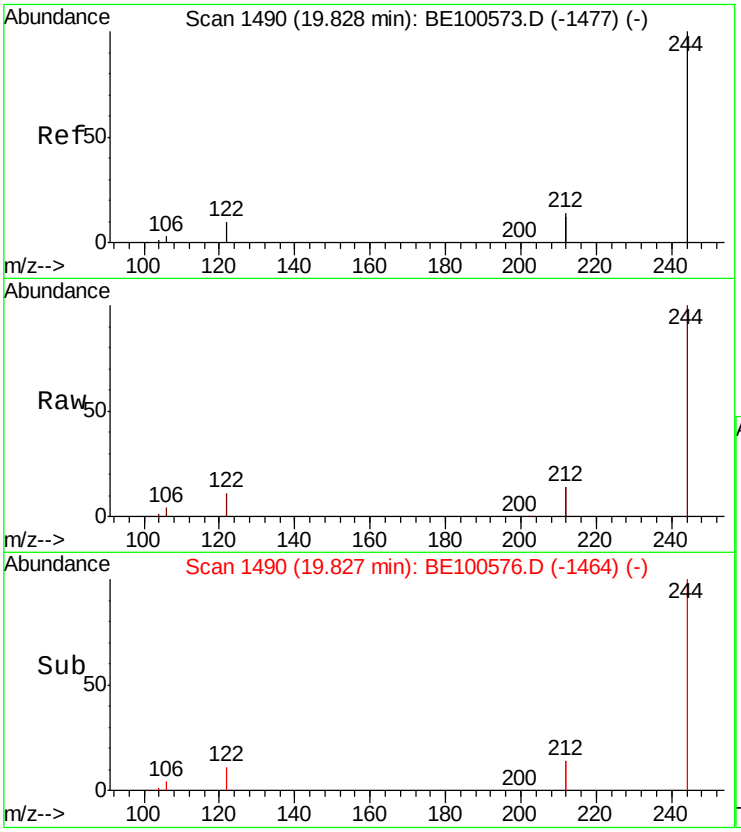


#28
Pyrene
Concen: 3.406 ng
RT: 19.63 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:202 Resp: 292983

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.6	14.2	21.2



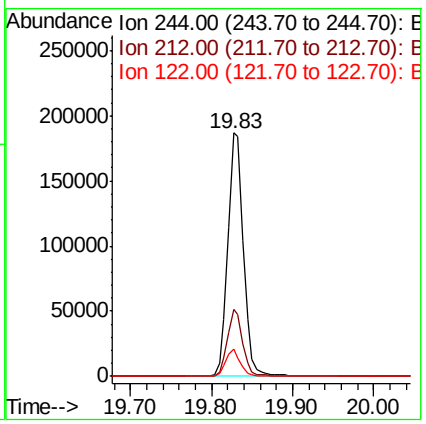


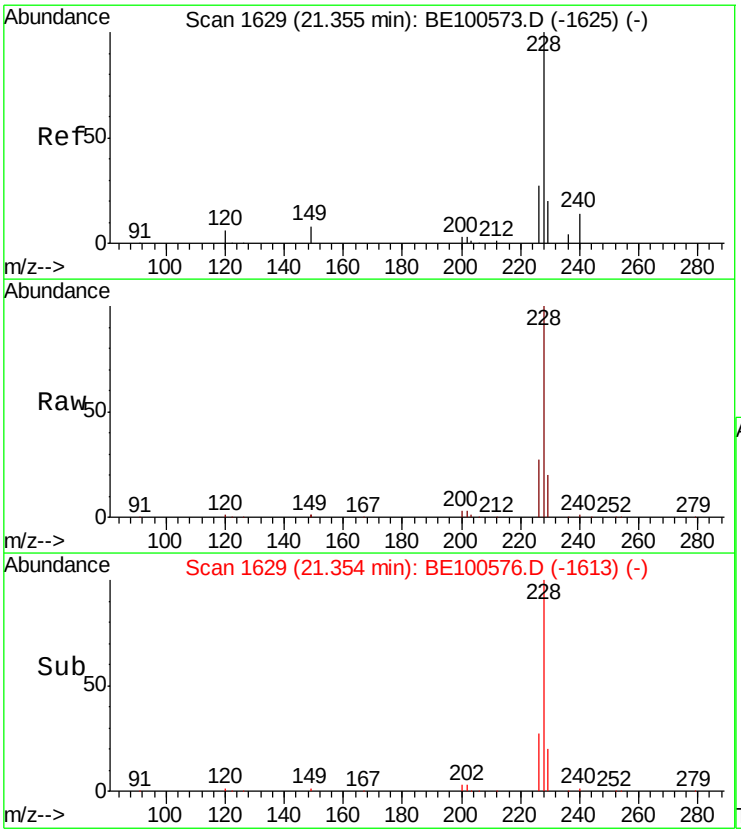
#29
Terphenyl-d14
Concen: 3.504 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 248100

Ion	Ratio	Lower	Upper
244	100		
212	27.6	21.8	32.8
122	11.1	8.2	12.4

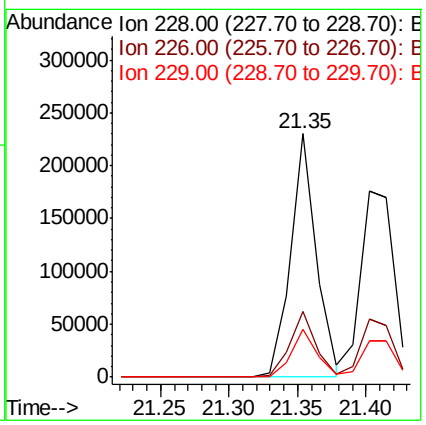


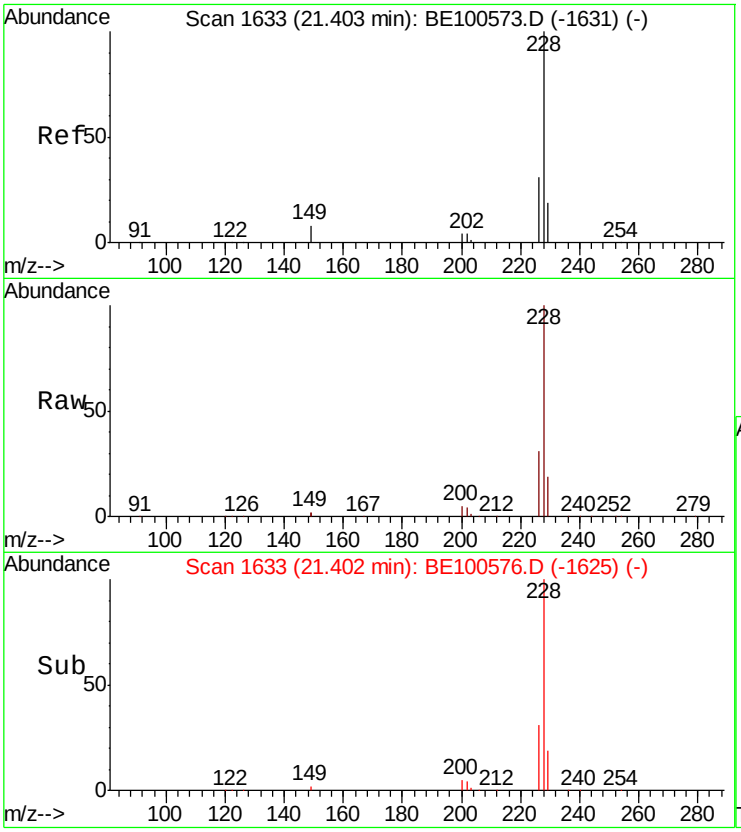


#30
Benzo(a)anthracene
Concen: 3.710 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:228 Resp: 296185

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.6	16.1	24.1



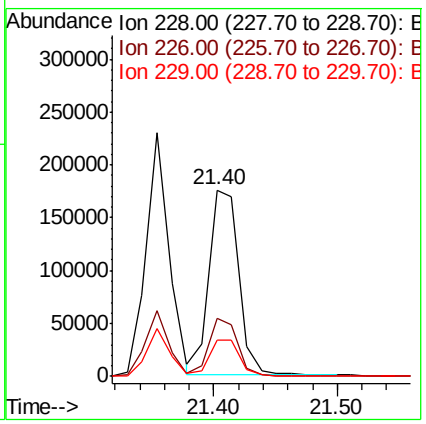


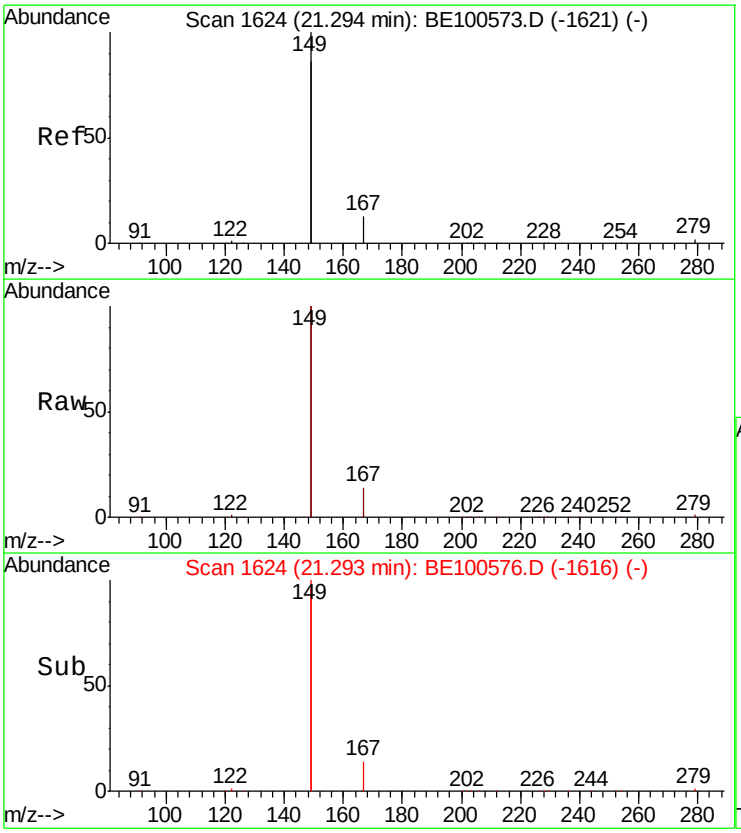
#31
Chrysene
Concen: 3.256 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 296179

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	19.2	15.6	23.4

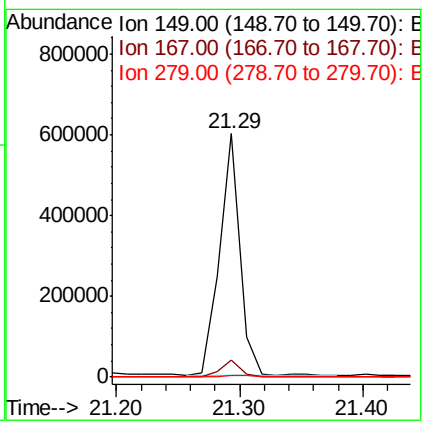


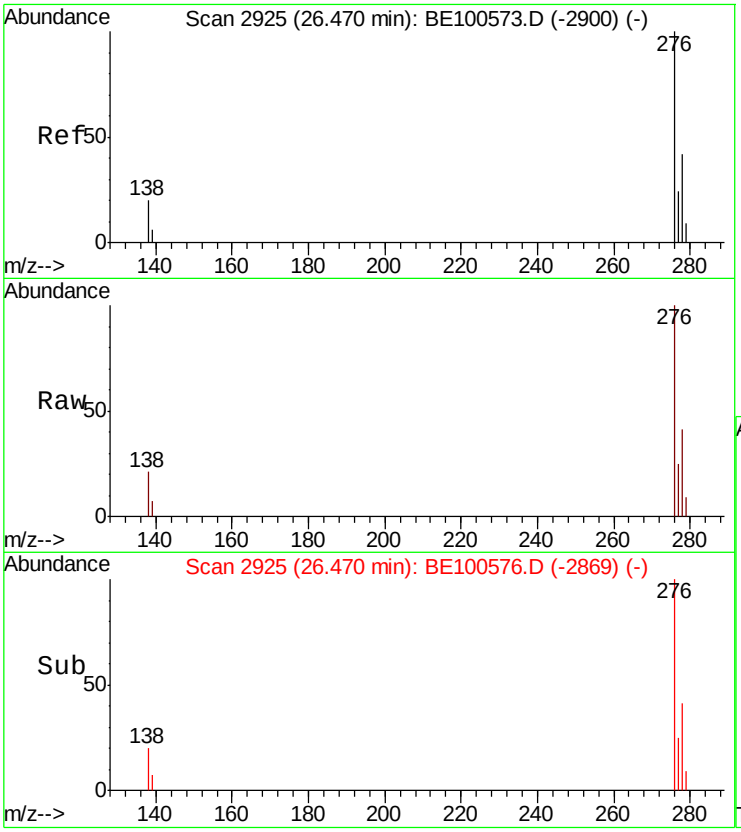


#32
Bis(2-ethylhexyl)phthalate
Concen: 8.088 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:149 Resp: 696003

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.6
279	1.1	0.8	1.2



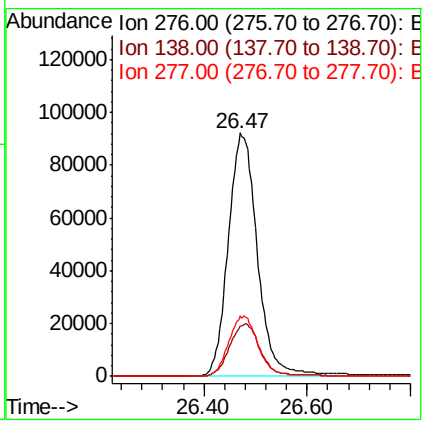


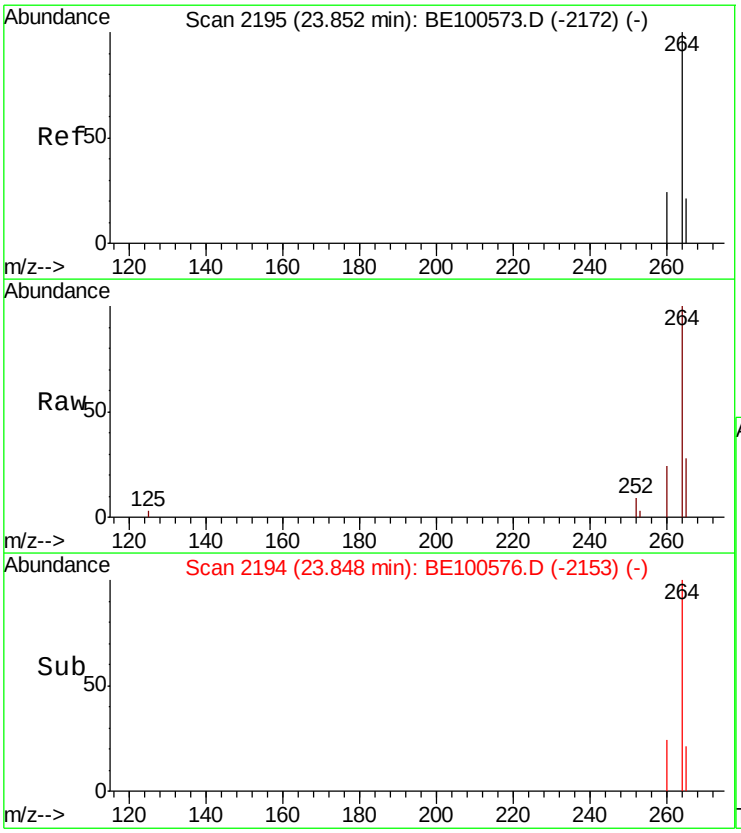
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.556 ng
RT: 26.47 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 359677

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.6	27.8
277	25.1	19.4	29.2

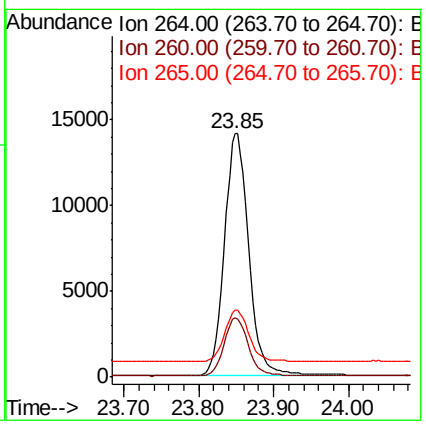


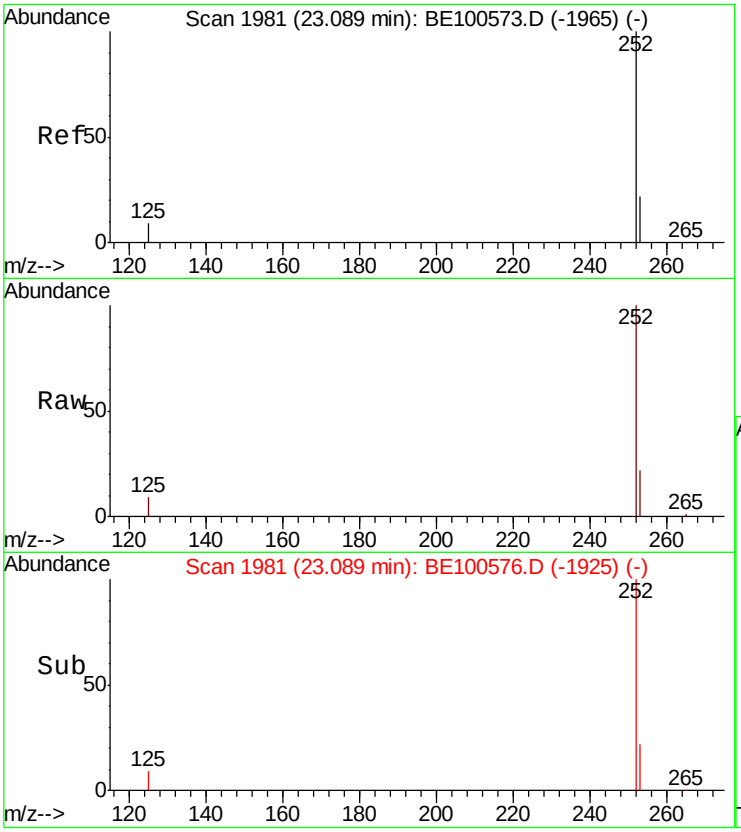


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:264 Resp: 31962

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	27.7	22.2	33.4



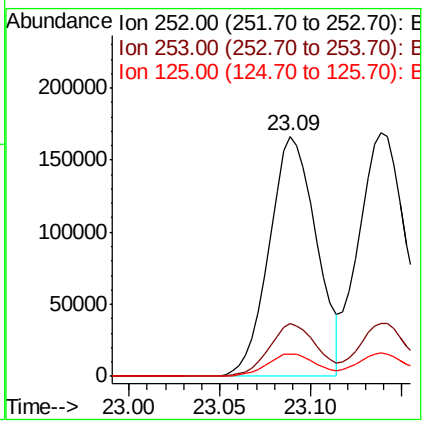


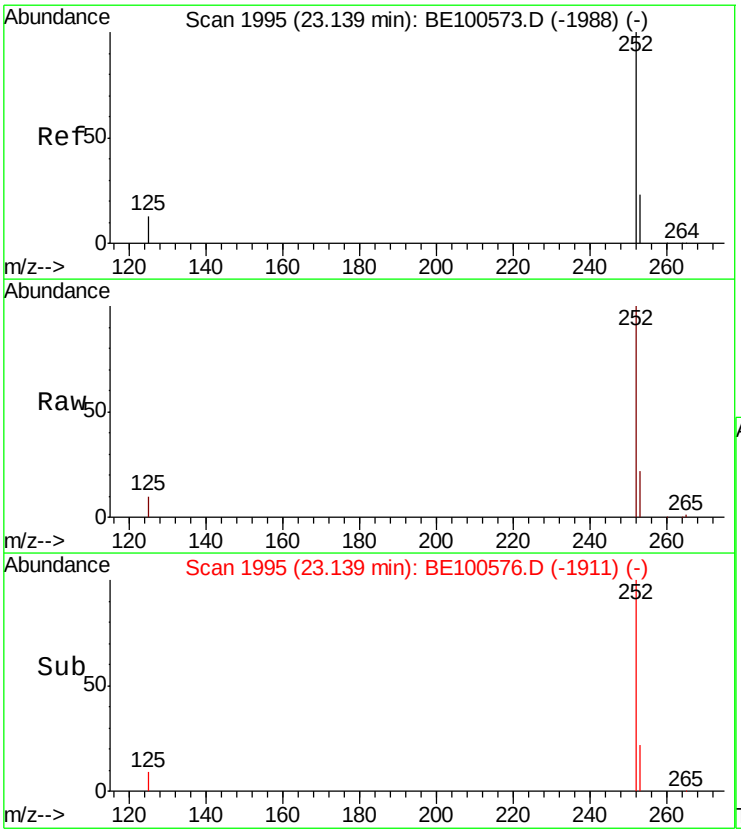
#35
Benzo(b)fluoranthene
Concen: 3.449 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 298295

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.5	8.7	13.1

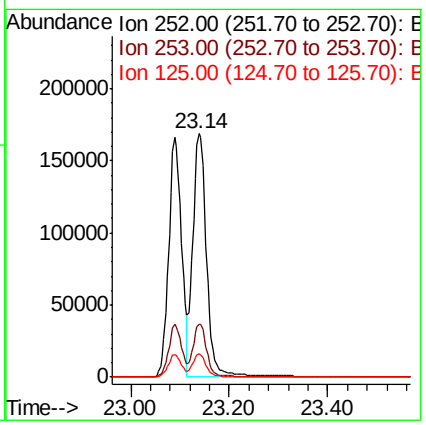


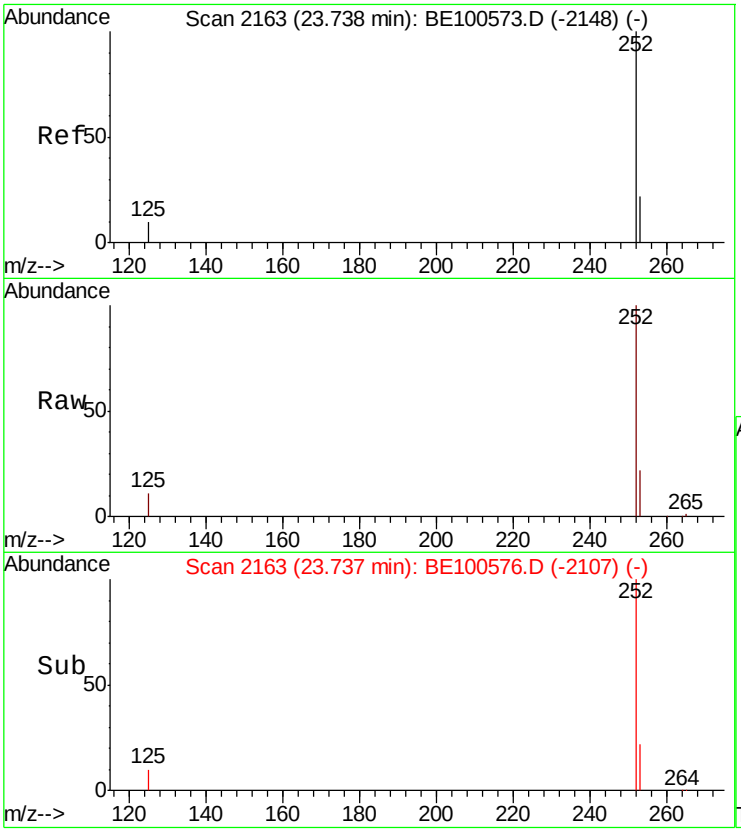


#36
Benzo(k)fluoranthene
Concen: 3.254 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:252 Resp: 325646

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	28.0
125	9.6	11.4	17.2#



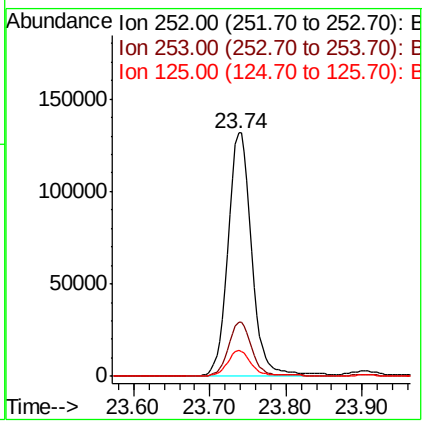


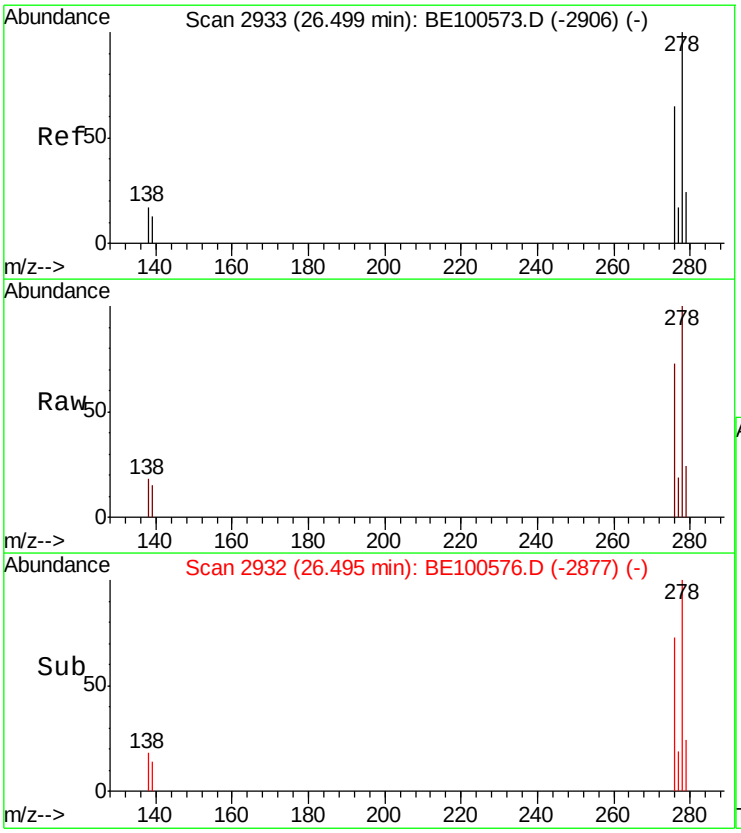
#37
Benzo(a)pyrene
Concen: 3.520 ng
RT: 23.74 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 284012

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.5	9.8	14.6

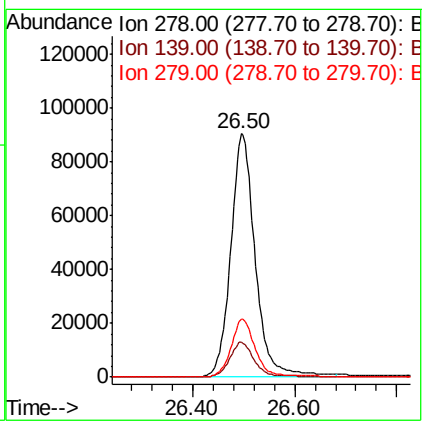


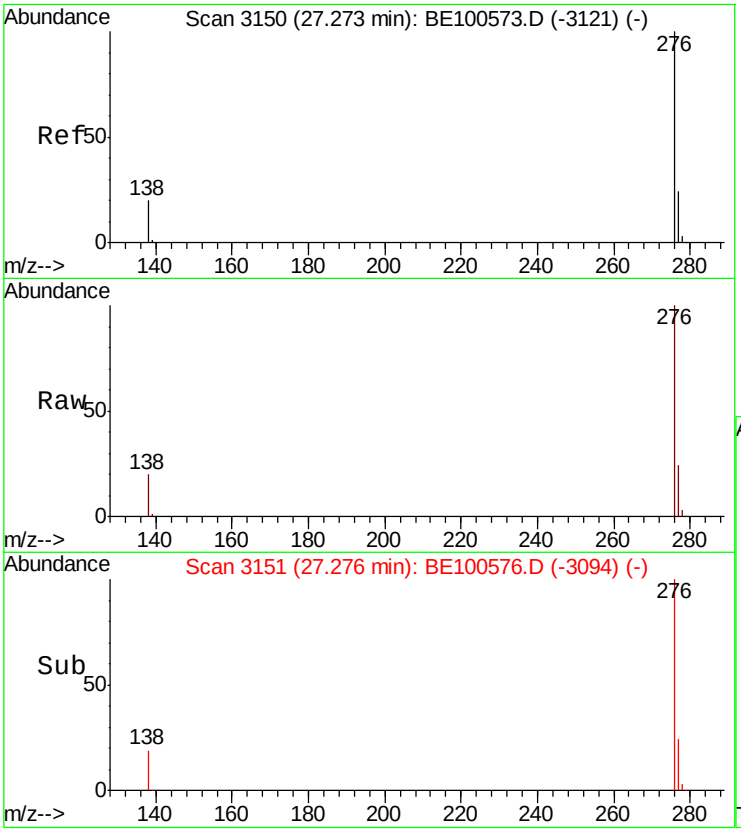


#38
Dibenzo(a,h)anthracene
Concen: 3.578 ng
RT: 26.50 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Tgt Ion:278 Resp: 300647

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.7	17.5
279	23.9	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 3.341 ng
RT: 27.28 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BE100576.D
Acq: 27 Sep 2019 17:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 293231

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	19.6	17.0	25.4