Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
Data File : BE100422.D
Acq On : 12 Jul 2019 15:27
Operator : HP/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC5.0

Quant Time: Jul 12 16:37:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 16:31:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5994	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	25975	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	16261	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	42653	0.40	ng		0.00
27) Chrysene-d12	21.40	240	51053	0.40	ng		0.00
34) Perylene-d12	23.90	264	57753	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	87974	6.70	ng		0.00
5) Phenol-d6	7.04	99	131220	9.90	ng		0.00
8) Nitrobenzene-d5	9.03	82	66103	2.21	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	223008	4.97	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	36698	3.64	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	285073	3.99	ng		0.00
25) Fluoranthene-d10	19.26	212	3008655	4.27	ng		0.00
29) Terphenyl-d14	19.86	244	551699	5.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	48114	4.032	ng	#	100
3) n-Nitrosodimethylamine	3.68	42	42451	8.672	ng	#	91
6) bis(2-Chloroethyl)ether	7.31	93	103453	10.300	ng	#	1
9) Naphthalene	10.73	128	1361480	4.894	ng		98
10) Hexachlorobutadiene	11.03	225	63822	1.637	ng		96
12) 2-Methylnaphthalene	12.34	142	241921	6.083	ng		95
16) Acenaphthylene	14.24	152	419084	5.401	ng		99
17) Acenaphthene	14.57	154	249212	5.642	ng		97
18) Fluorene	15.54	166	326615	4.444	ng		99
20) 4-Bromophenyl-phenylether	16.44	248	121377	4.672	ng	#	93
21) Hexachlorobenzene	16.56	284	127531	3.687	ng		96
22) Pentachlorophenol	16.89	266	46477	10.745	ng		92
23) Phenanthrene	17.28	178	562995	5.540	ng		99
24) Anthracene	17.38	178	572968	6.912	ng		99
26) Fluoranthene	19.29	202	779831	4.092	ng		100
28) Pyrene	19.65	202	807899	6.904	ng		99
30) Benzo(a)anthracene	21.39	228	874470	6.067	ng		99
31) Chrysene	21.44	228	843160	5.119	ng		99
32) Bis(2-ethylhexyl)phthalate	21.33	149	1660488	13.355	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	1055375	4.586	ng	#	100
35) Benzo(b)fluoranthene	23.14	252	907933	5.892	ng		98
36) Benzo(k)fluoranthene	23.19	252	917876	4.812	ng		97
37) Benzo(a)pyrene	23.79	252	851357	5.248	ng		97
38) Dibenzo(a,h)anthracene	26.58	278	872112	5.456	ng		98
39) Benzo(g,h,i)perylene	27.35	276	844814	4.438	ng		98

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

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Acq On : 12 Jul 2019 15:27
Operator : HP/JU
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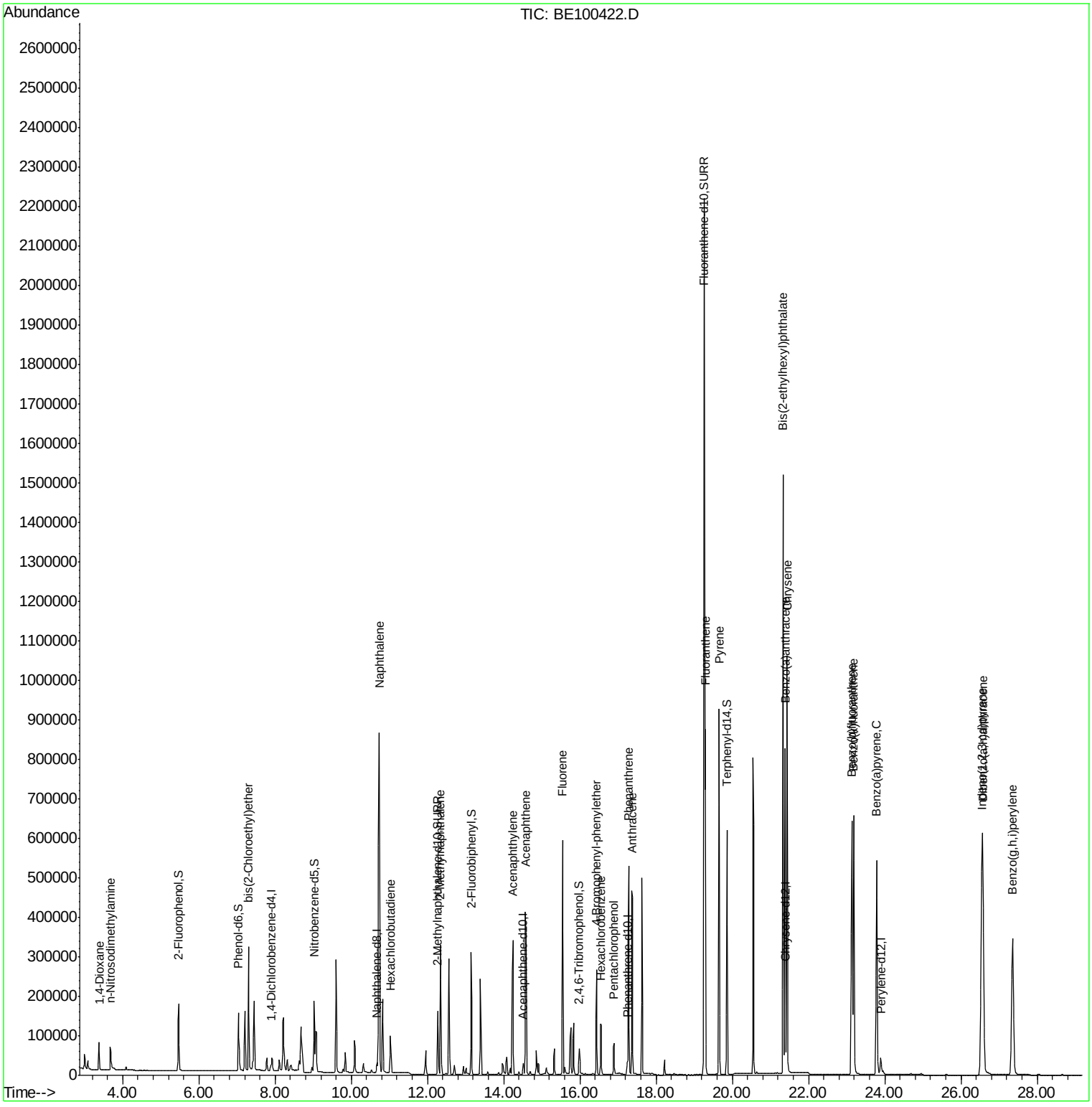
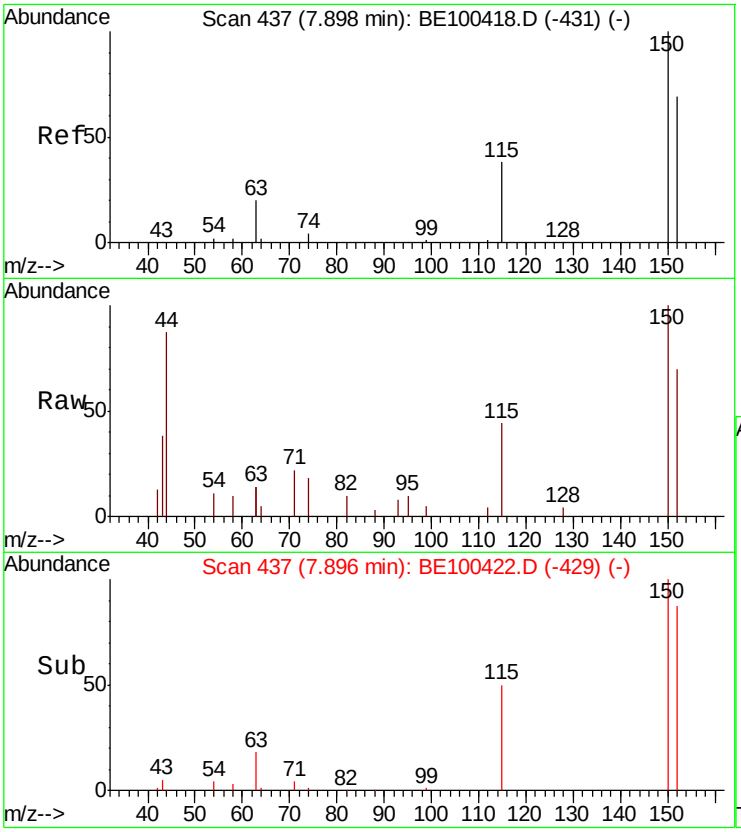
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Quant Time: Jul 12 16:37:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 16:31:47 2019
Response via : Initial Calibration



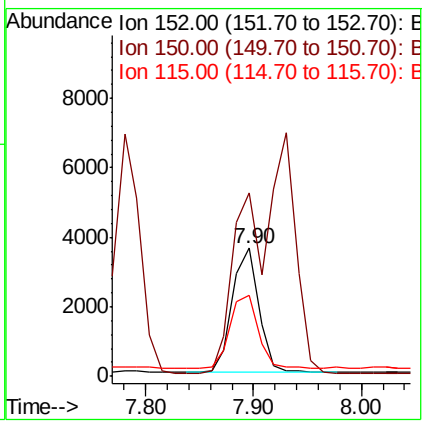


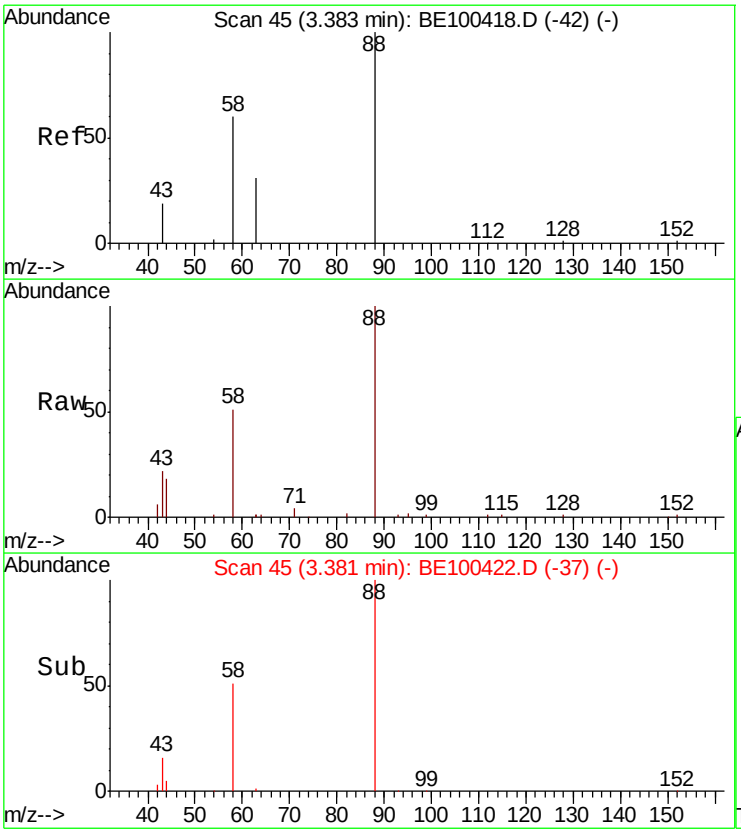
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 5994

Ion	Ratio	Lower	Upper
152	100		
150	143.4	108.8	163.2
115	63.3	54.2	81.2

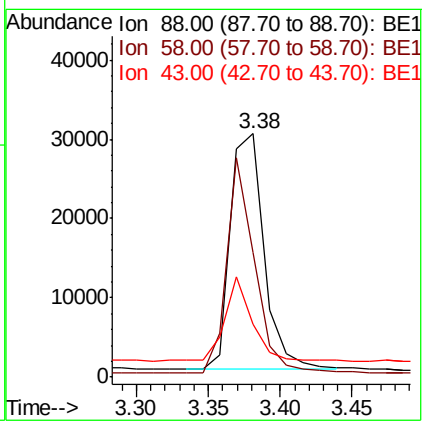


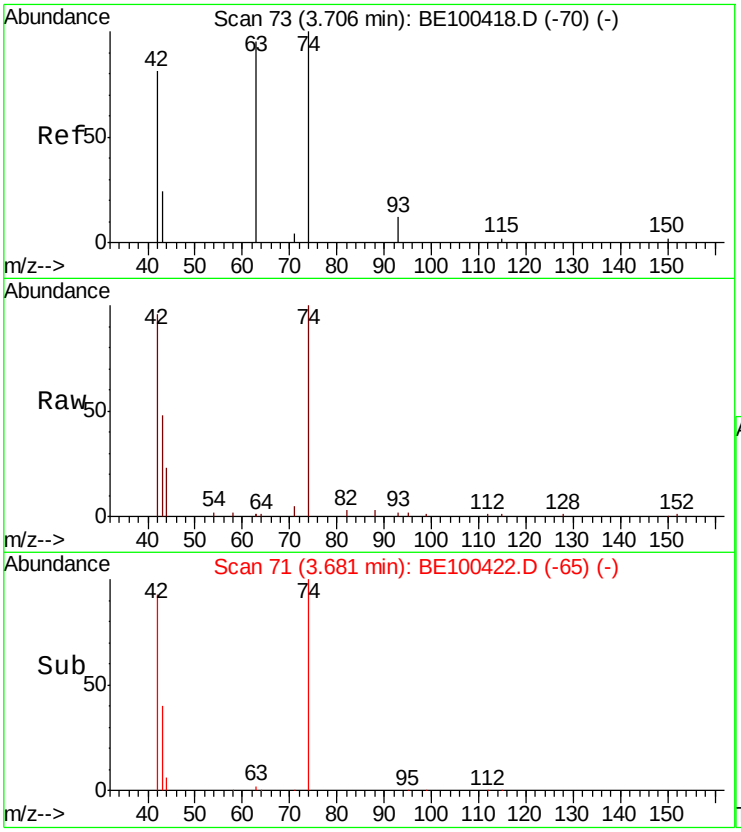


#2
1,4-Dioxane
Concen: 4.032 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion: 88 Resp: 48114

Ion	Ratio	Lower	Upper
88	100		
58	75.7	0.0	0.0#
43	28.5	0.0	0.0#



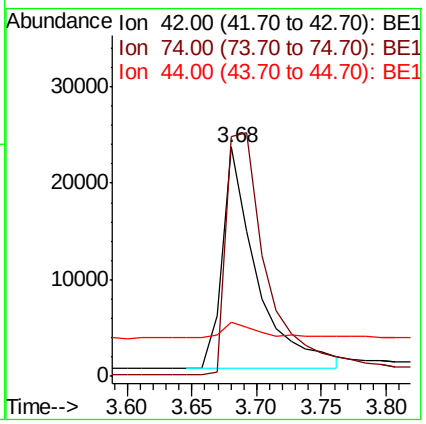


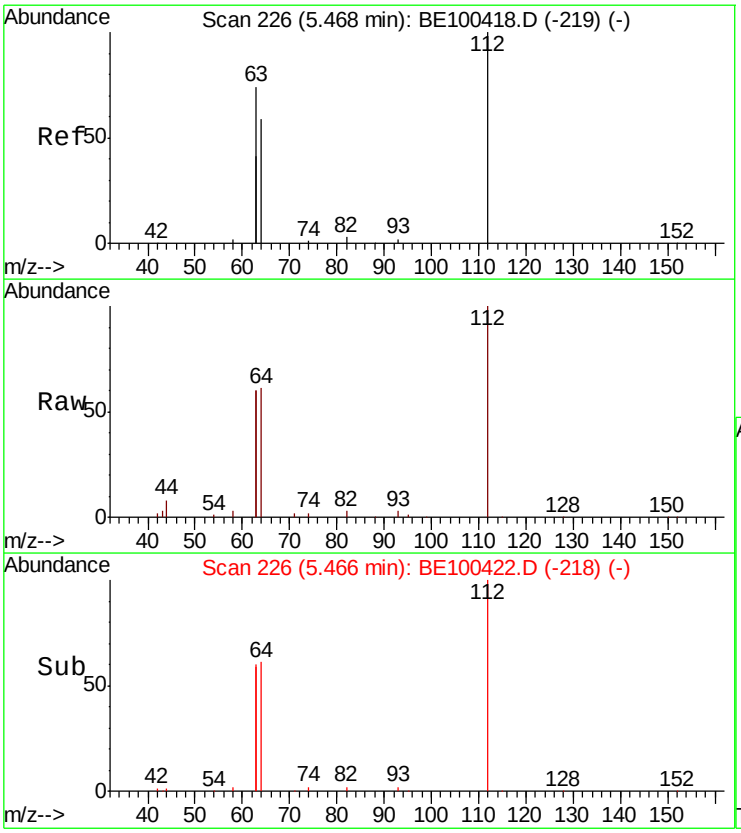
#3
n-Nitrosodimethylamine
Concen: 8.672 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.03 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 42451

Ion	Ratio	Lower	Upper
42	100		
74	131.4	112.3	168.5
44	8.0	15.0	22.4#

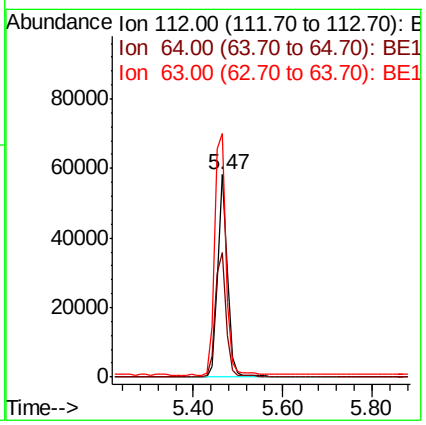


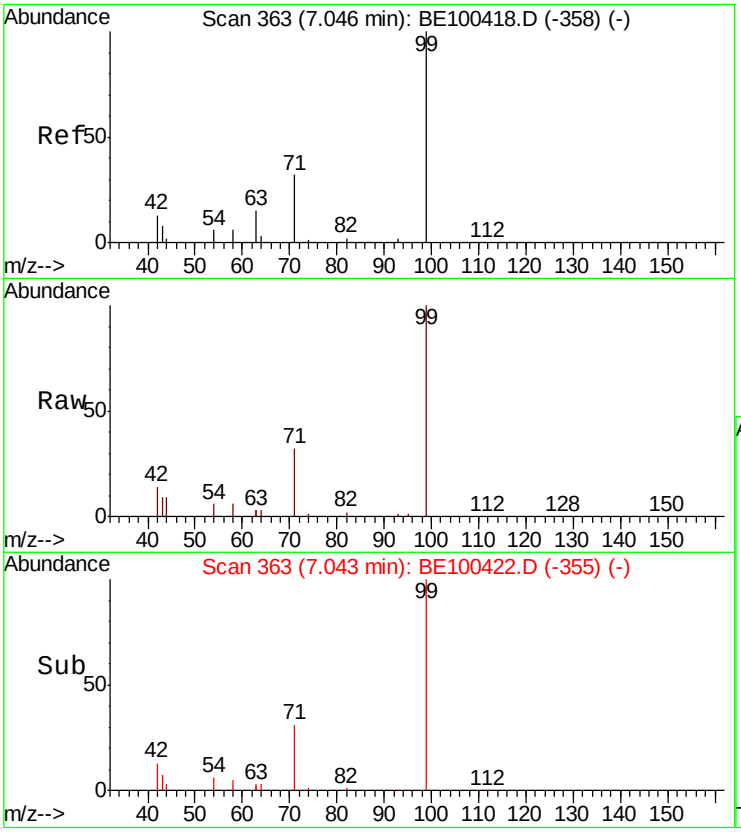


#4
2-Fluorophenol
Concen: 6.700 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:112 Resp: 87974

Ion	Ratio	Lower	Upper
112	100		
64	68.2	56.6	84.8
63	139.1	120.2	180.4



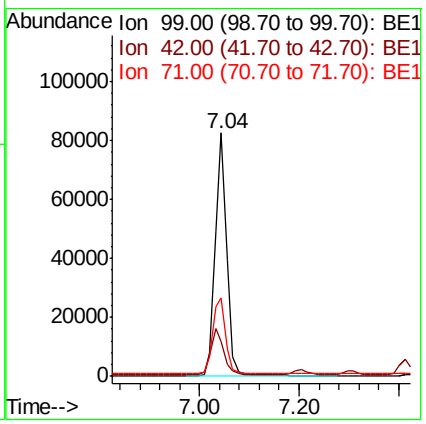


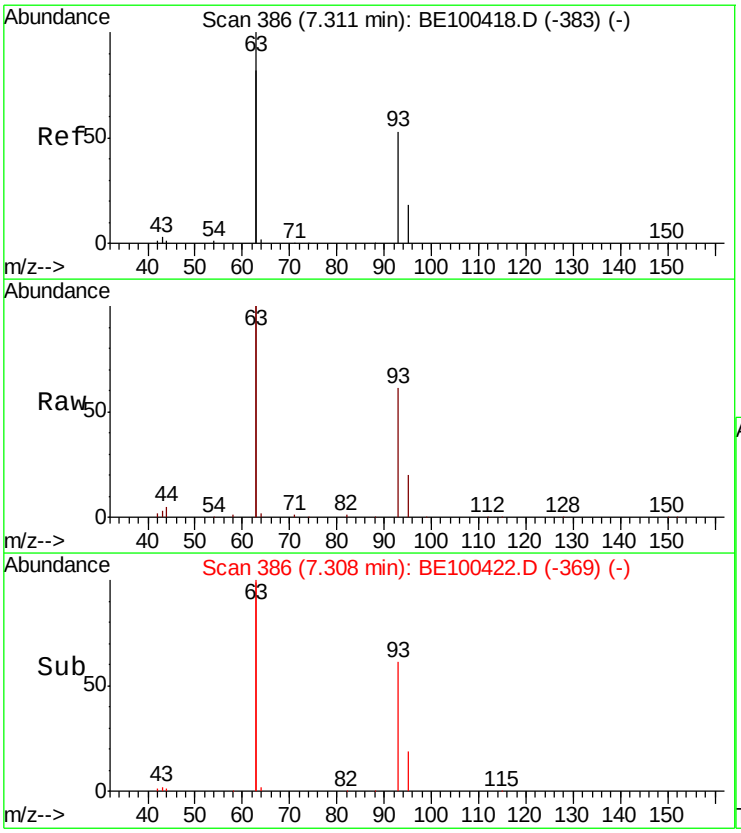
#5
Phenol-d6
Concen: 9.898 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 131220

Ion	Ratio	Lower	Upper
99	100		
42	20.6	0.0	0.0#
71	34.3	0.0	0.0#

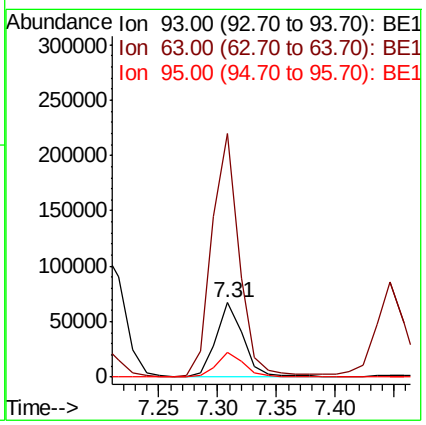


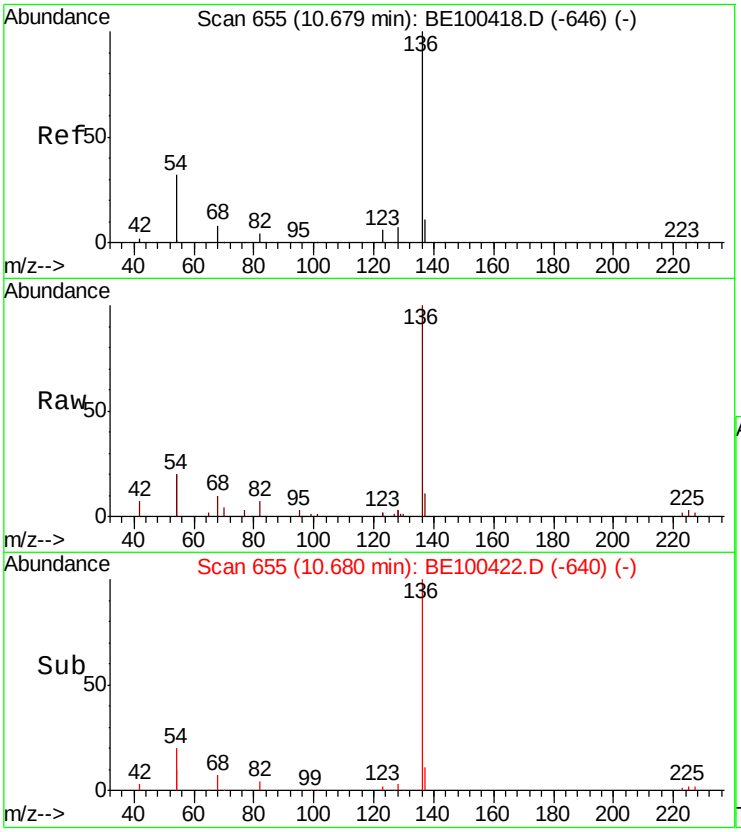


#6
bis(2-Chloroethyl)ether
Concen: 10.300 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion: 93 Resp: 103453

Ion	Ratio	Lower	Upper
93	100		
63	337.9	101.4	152.2#
95	32.6	0.0	0.0#



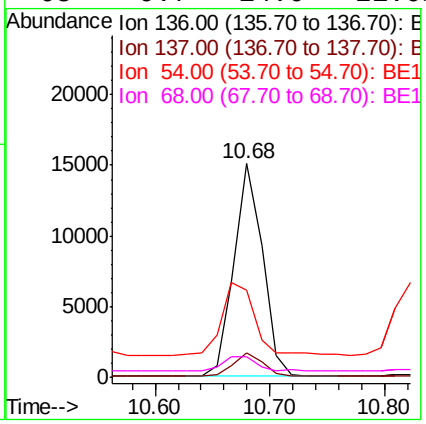


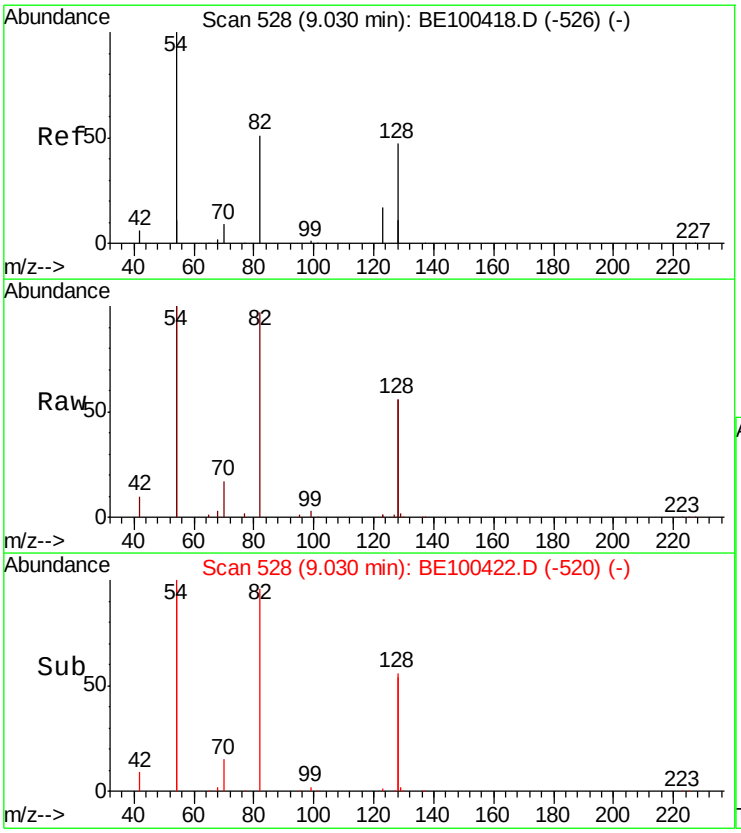
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 25975

Ion	Ratio	Lower	Upper
136	100		
137	11.3	10.1	15.1
54	40.5	49.8	74.6#
68	9.7	14.0	21.0#

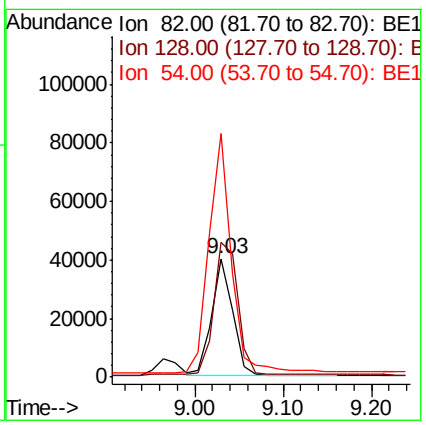


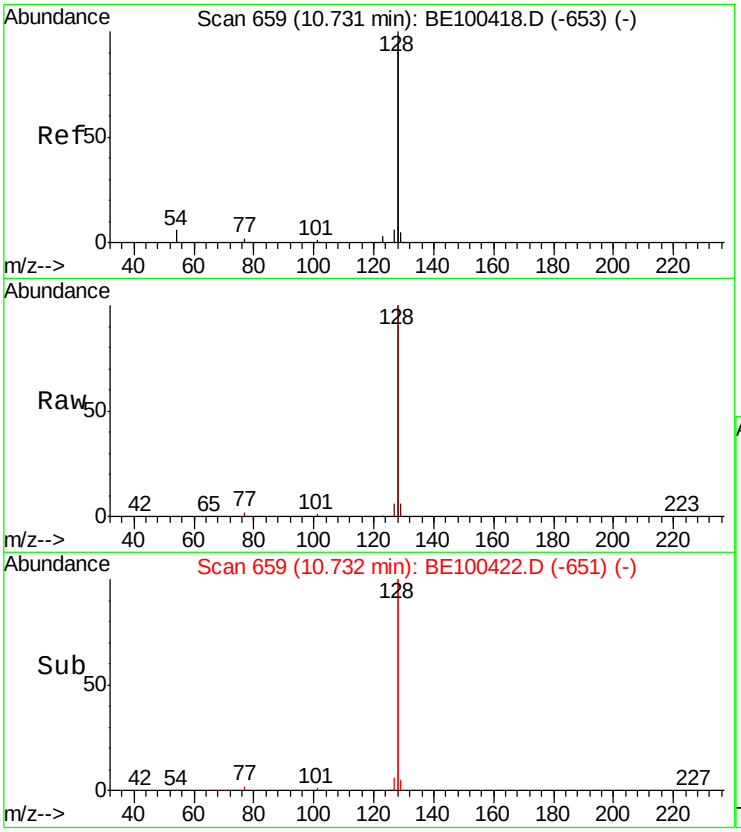


#8
Nitrobenzene-d5
Concen: 2.214 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion: 82 Resp: 66103

Ion	Ratio	Lower	Upper
82	100		
128	114.2	88.3	132.5
54	205.3	189.6	284.4



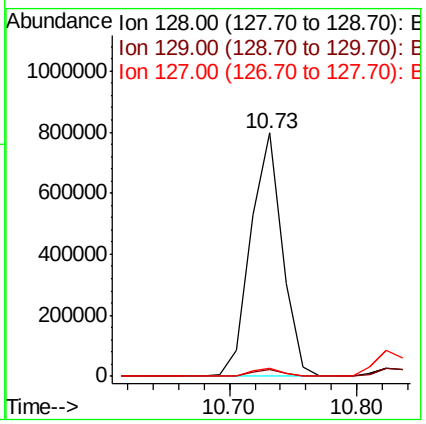


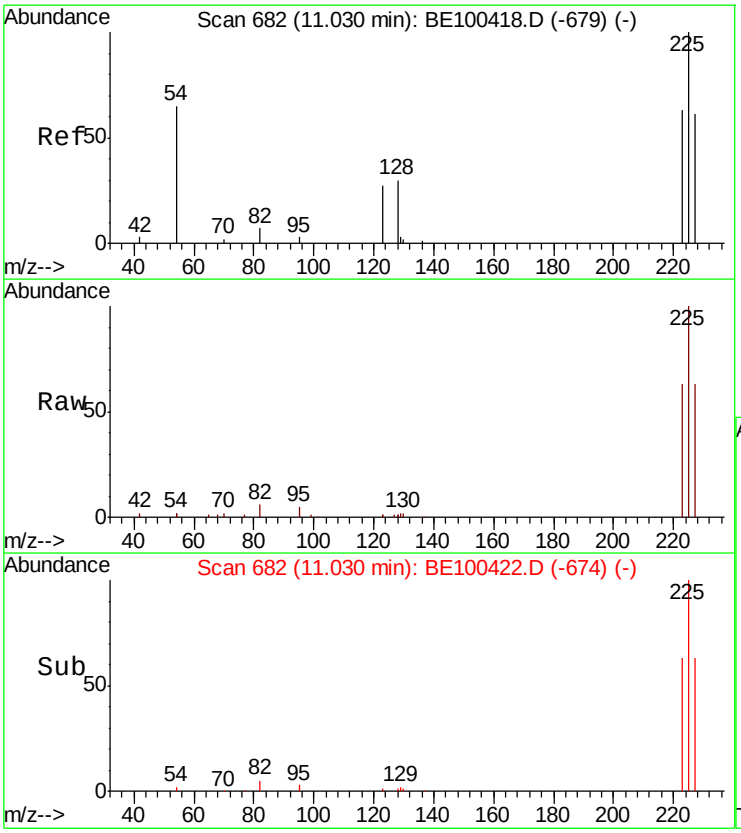
#9
Naphthalene
Concen: 4.894 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 1361480

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.7	4.1
127	3.2	3.0	4.4

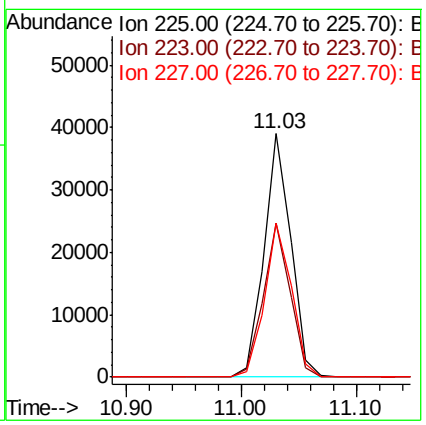


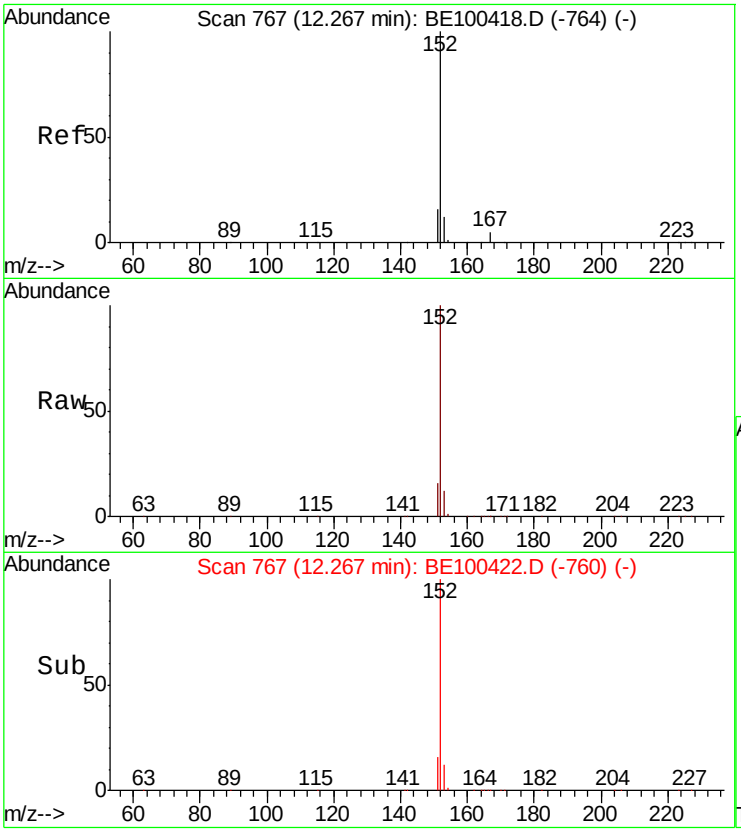


#10
Hexachlorobutadiene
Concen: 1.637 ng
RT: 11.03 min Scan# 682
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:225 Resp: 63822

Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.2	72.4
227	63.6	47.8	71.6



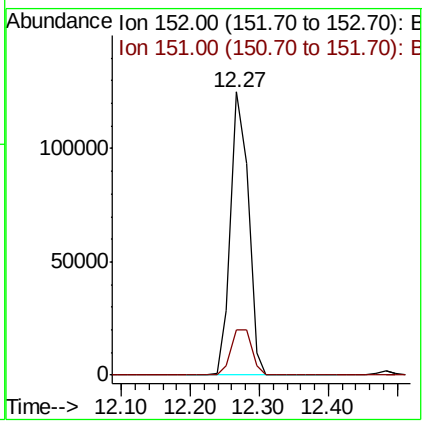


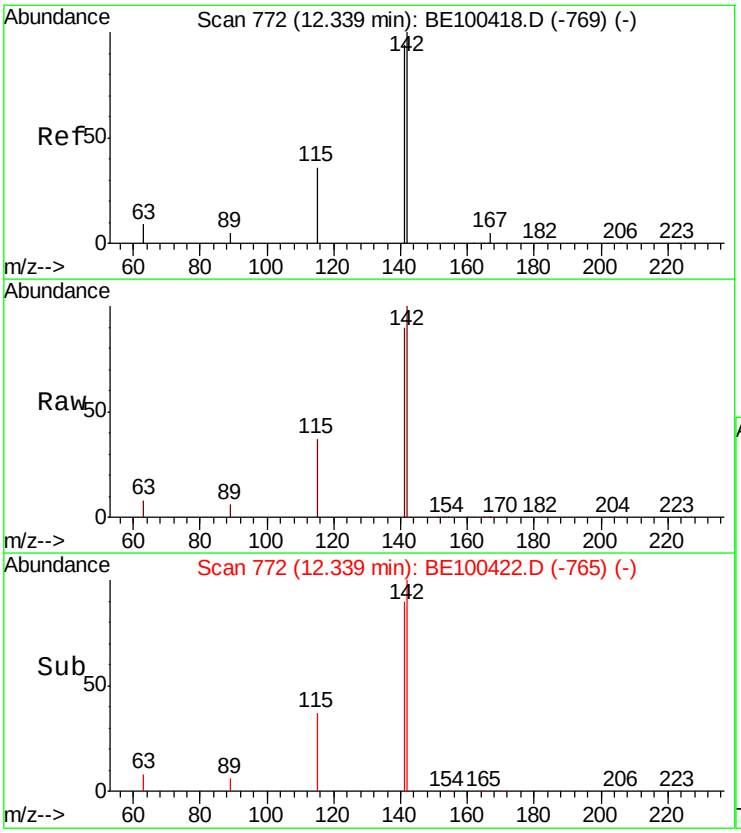
#11
2-Methylnaphthalene-d10
Concen: 4.966 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 223008

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.6

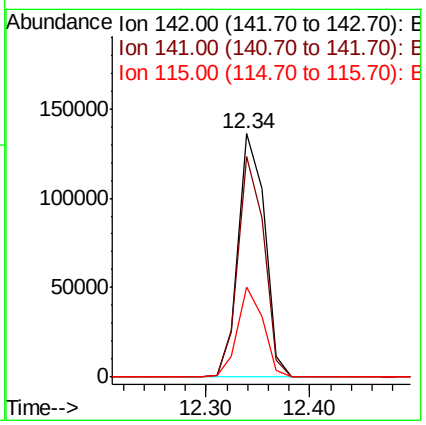


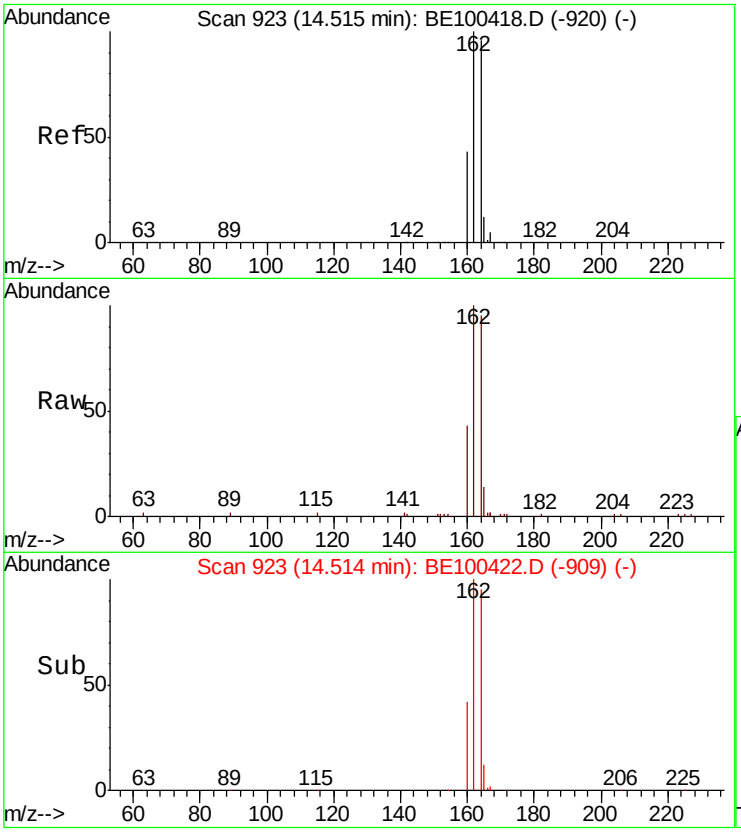


#12
2-Methylnaphthalene
Concen: 6.083 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:142 Resp: 241921

Ion	Ratio	Lower	Upper
142	100		
141	90.5	76.2	114.2
115	36.8	32.6	49.0



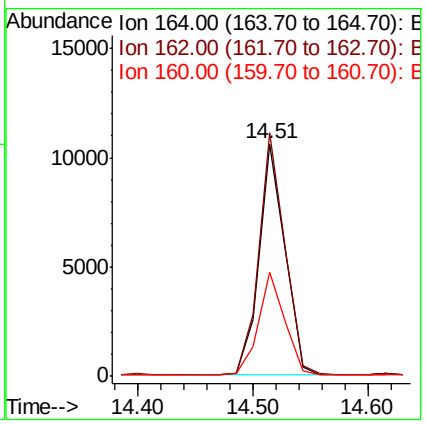


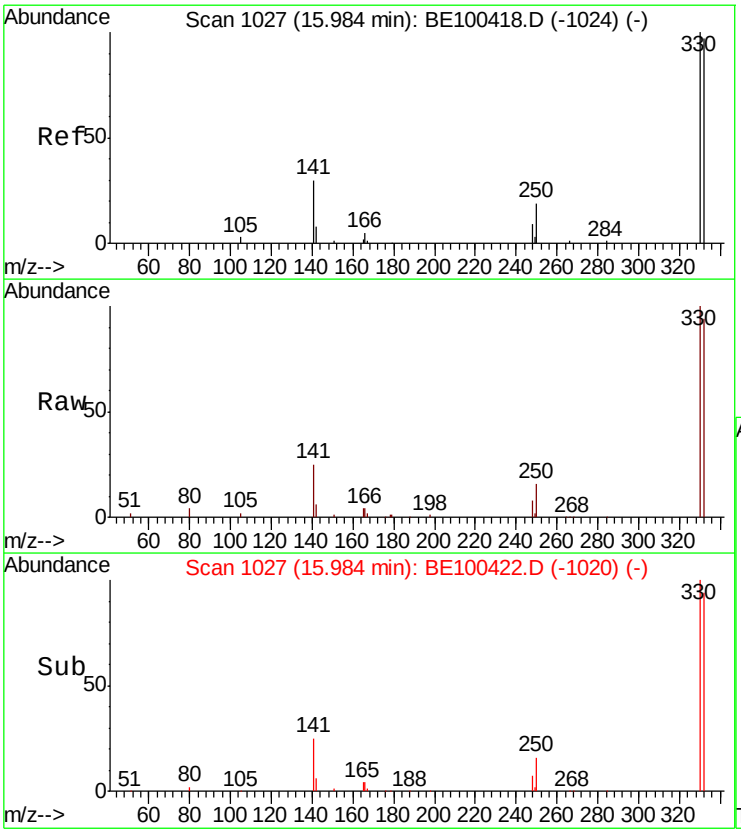
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 16261

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	44.7	37.0	55.4

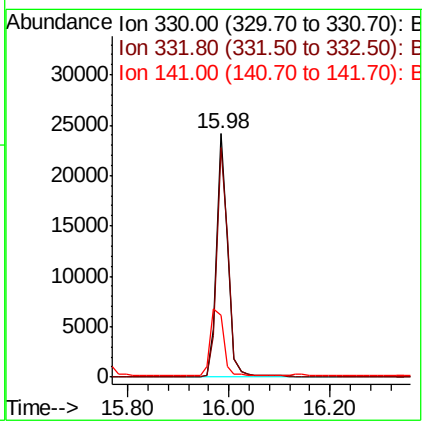


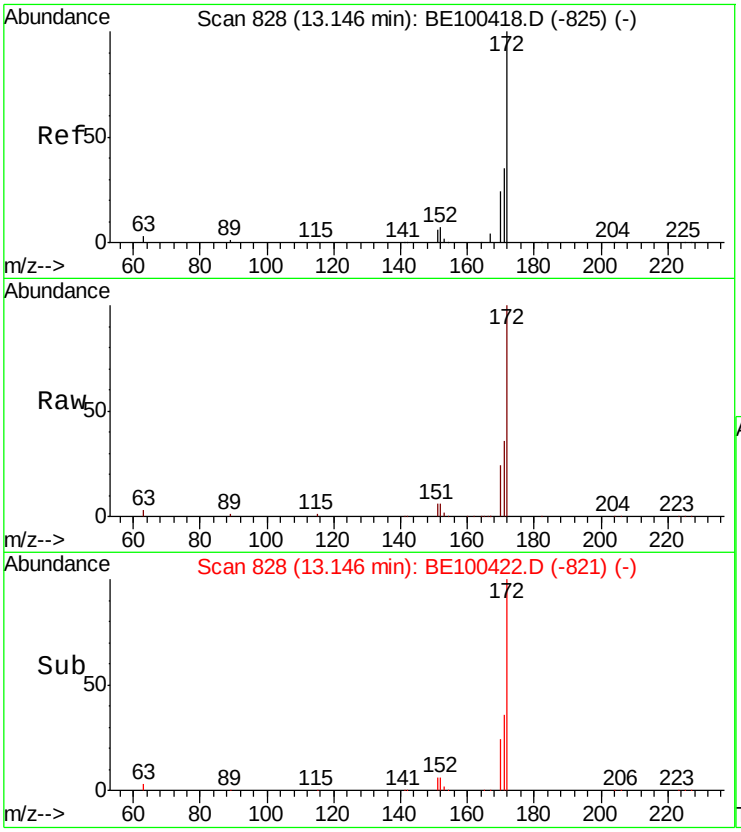


#14
2,4,6-Tribromophenol
Concen: 3.640 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:330 Resp: 36698

Ion	Ratio	Lower	Upper
330	100		
332	96.8	82.2	123.2
141	32.5	30.0	45.0



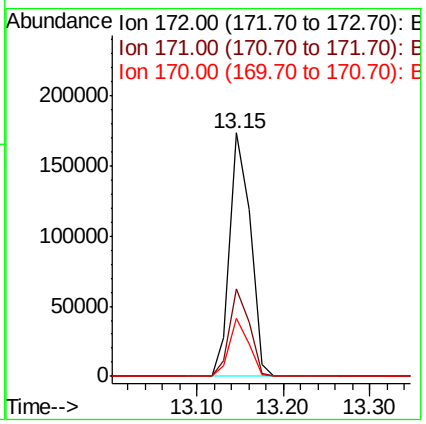


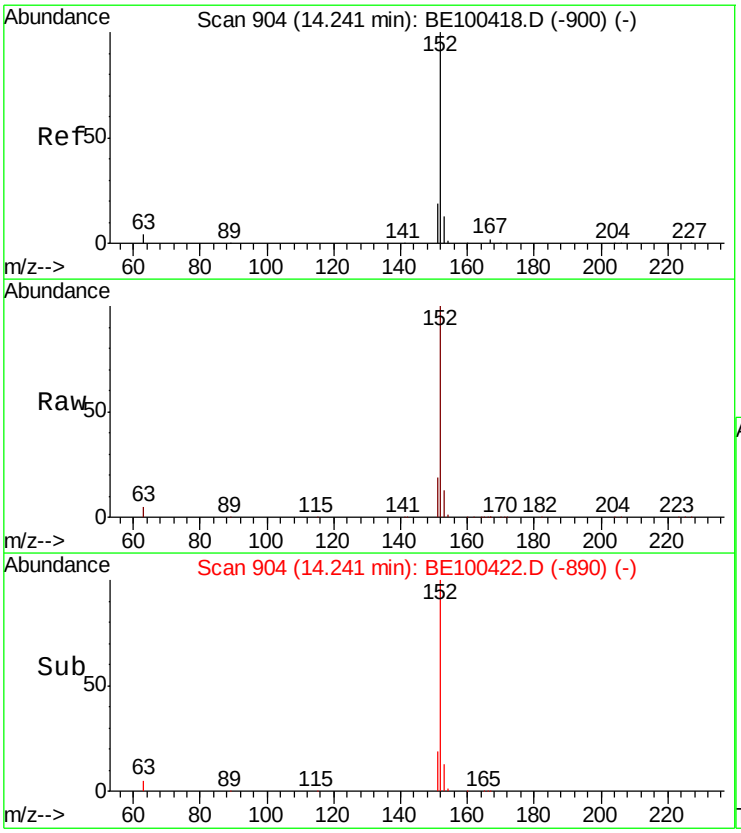
#15
2-Fluorobiphenyl
Concen: 3.991 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 285073

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.6	19.7	29.5

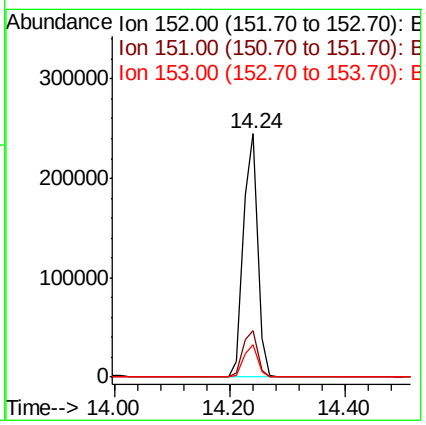


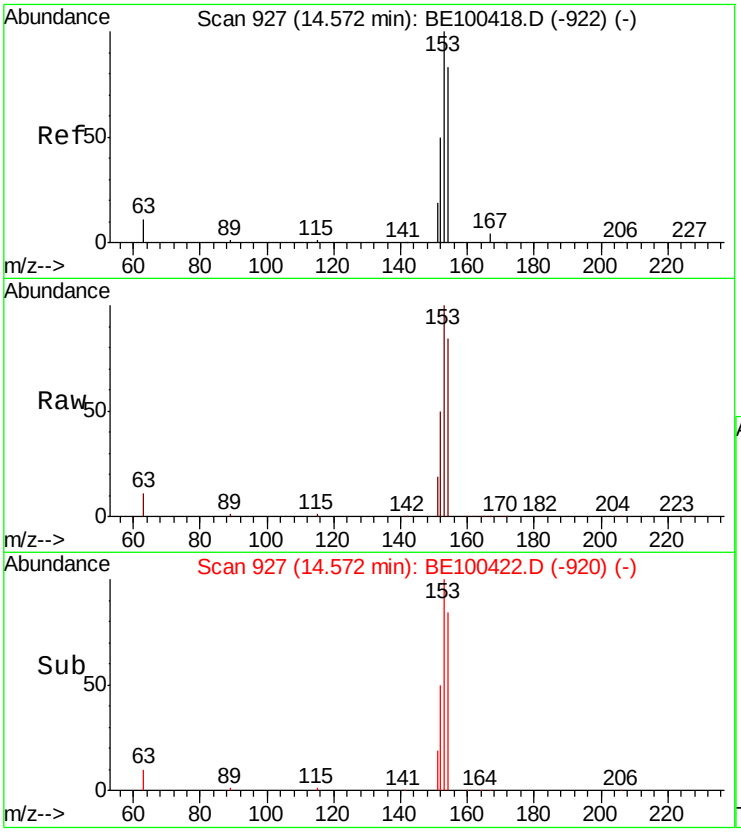


#16
Acenaphthylene
Concen: 5.401 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:152 Resp: 419084

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.2	10.9	16.3



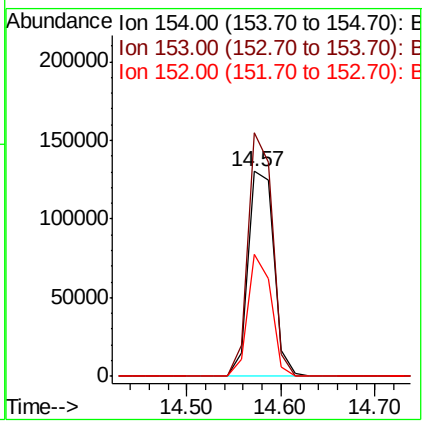


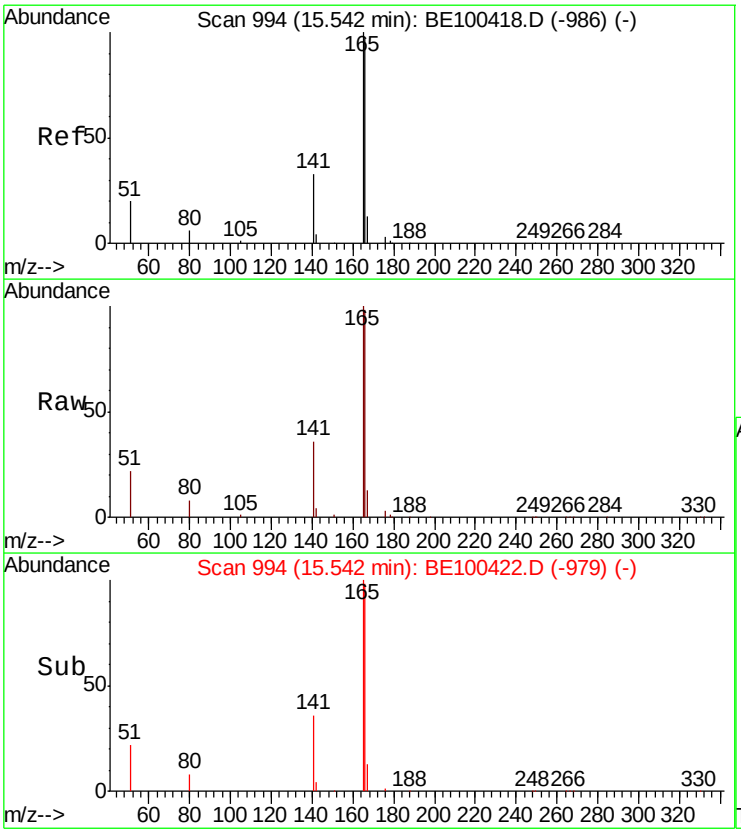
#17
Acenaphthene
Concen: 5.642 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 249212

Ion	Ratio	Lower	Upper
154	100		
153	112.3	92.6	138.8
152	54.2	44.5	66.7

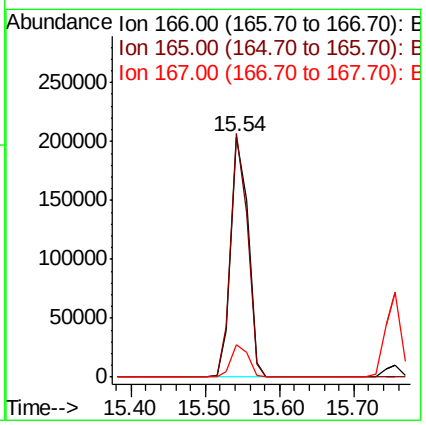


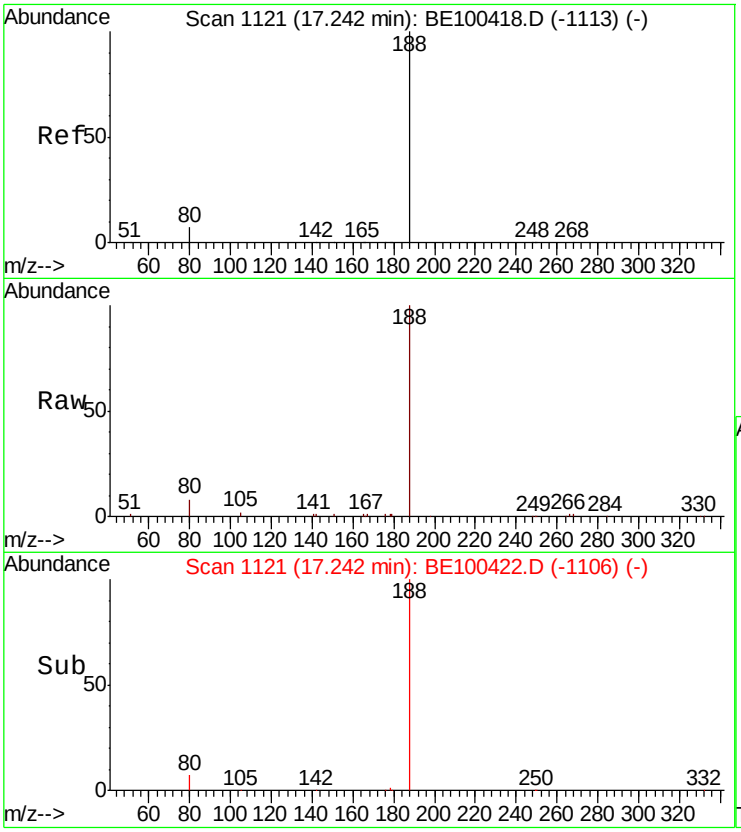


#18
Fluorene
Concen: 4.444 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:166 Resp: 326615

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.0	120.0
167	13.5	11.0	16.4



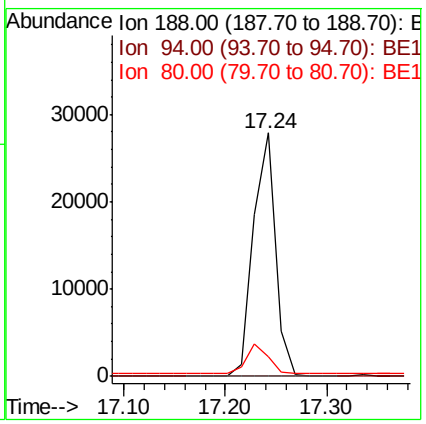


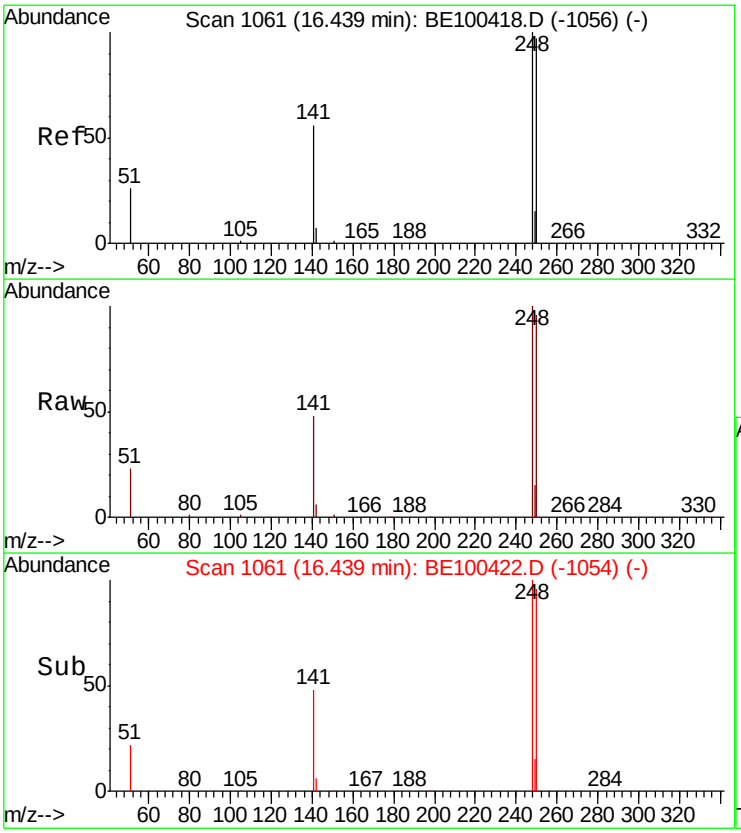
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 42653

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.7	11.5

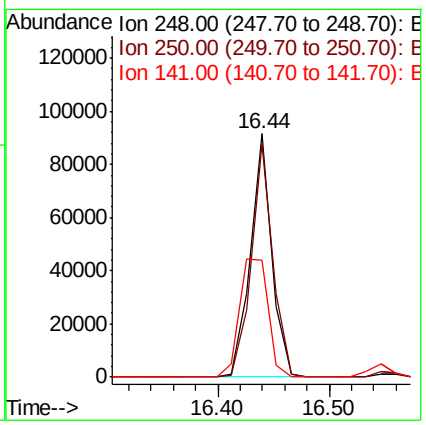


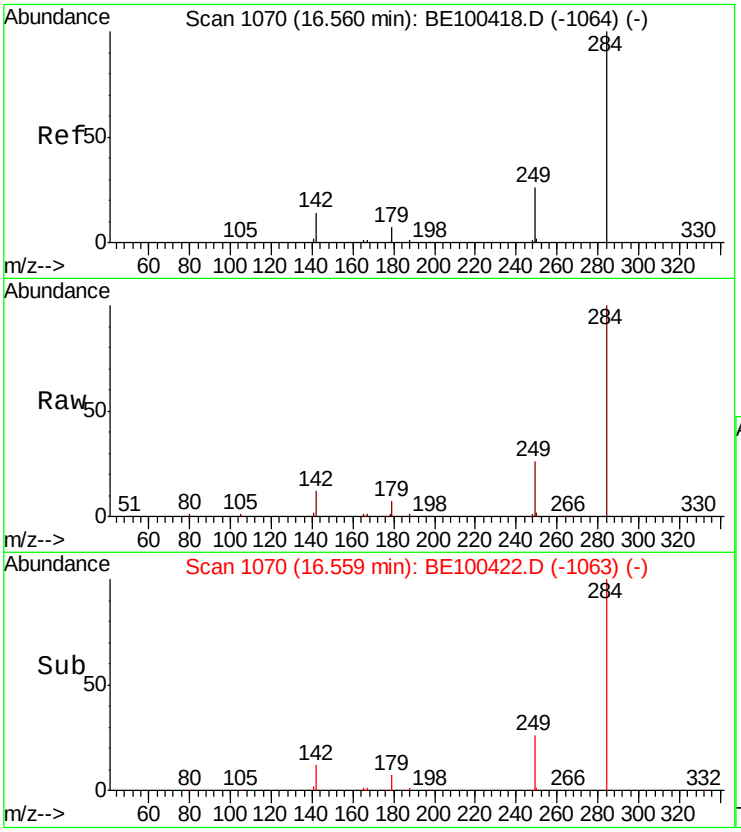


#20
4-Bromophenyl-phenylether
Concen: 4.672 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:248 Resp: 121377

Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.8	116.6
141	48.0	49.0	73.6#



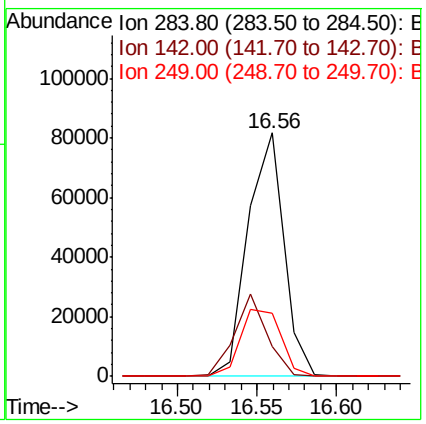


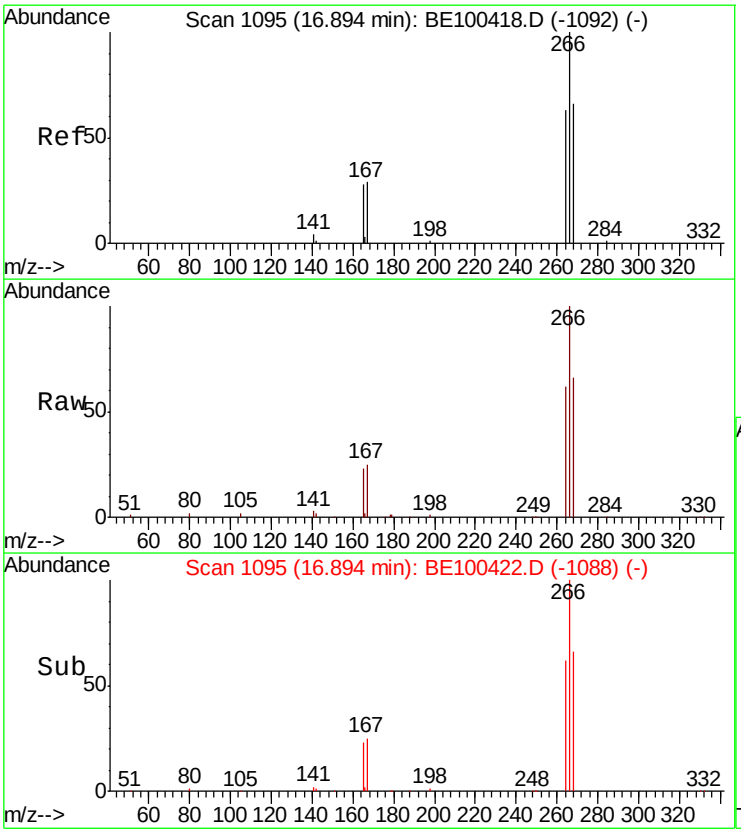
#21
Hexachlorobenzene
Concen: 3.687 ng
RT: 16.56 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 127531

Ion	Ratio	Lower	Upper
284	100		
142	30.5	26.7	40.1
249	30.8	25.6	38.4

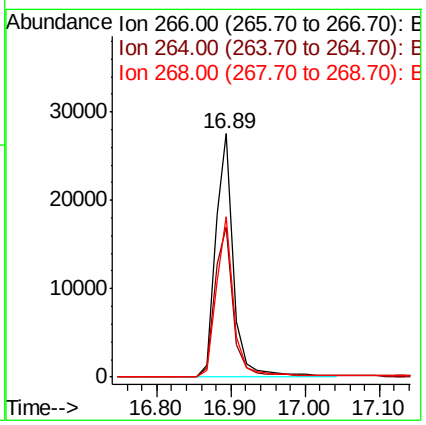


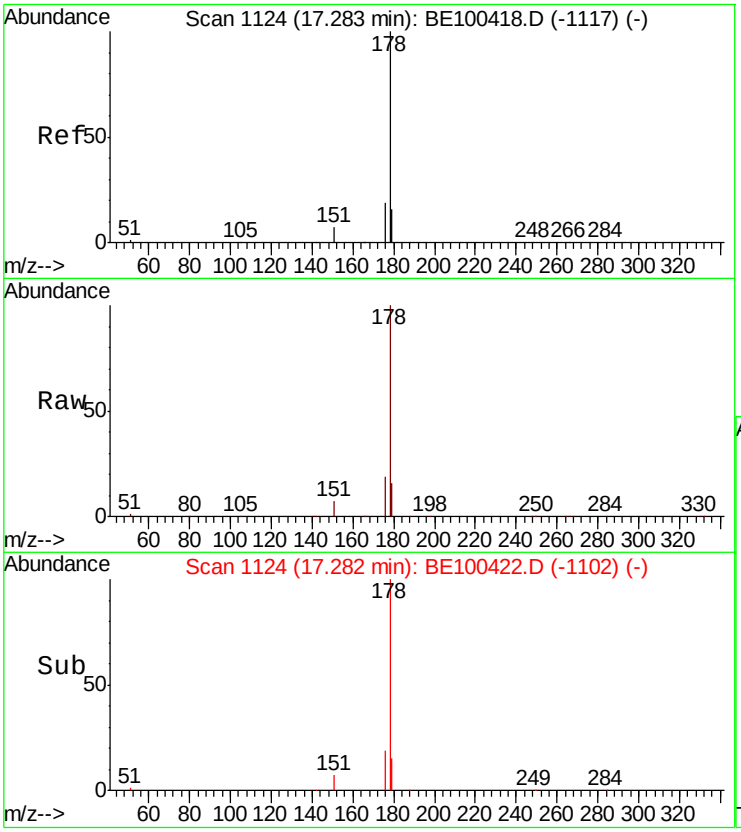


#22
Pentachlorophenol
Concen: 10.745 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:266 Resp: 46477

Ion	Ratio	Lower	Upper
266	100		
264	61.7	53.3	79.9
268	65.8	59.1	88.7



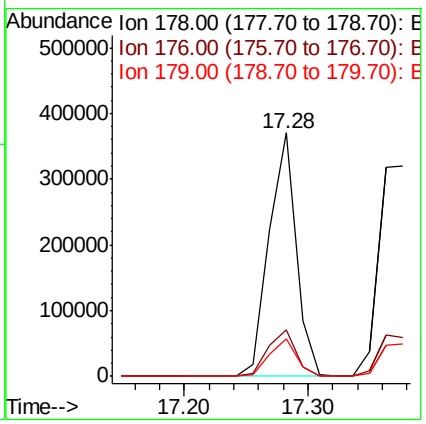


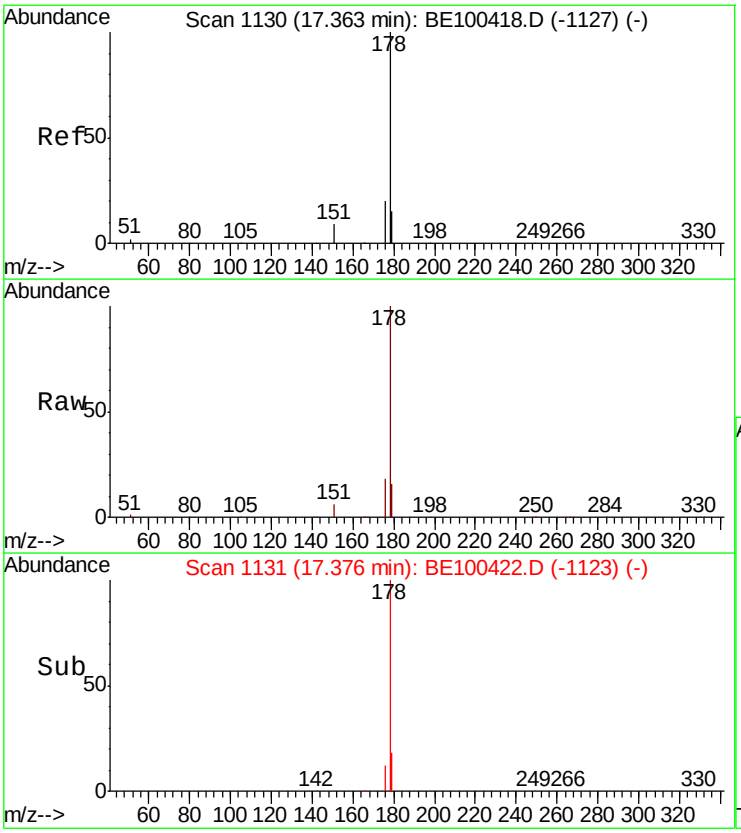
#23
Phenanthrene
Concen: 5.540 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 562995

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.3	12.6	18.8

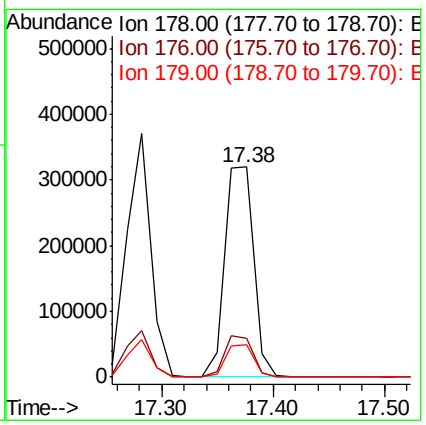


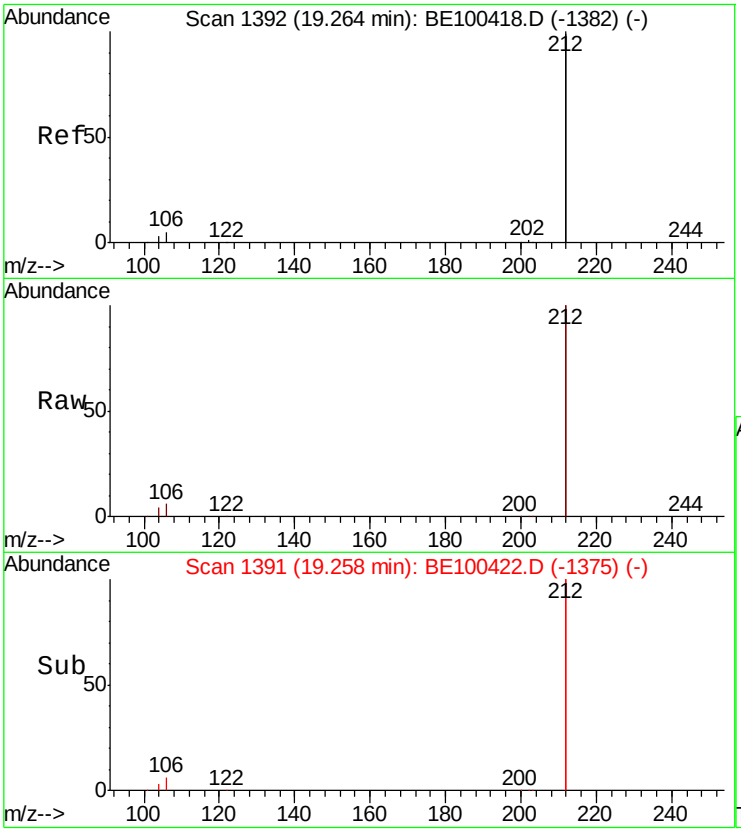


#24
Anthracene
Concen: 6.912 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:178 Resp: 572968

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.4	12.6	19.0



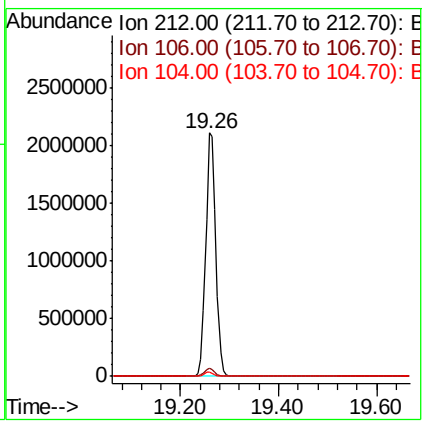


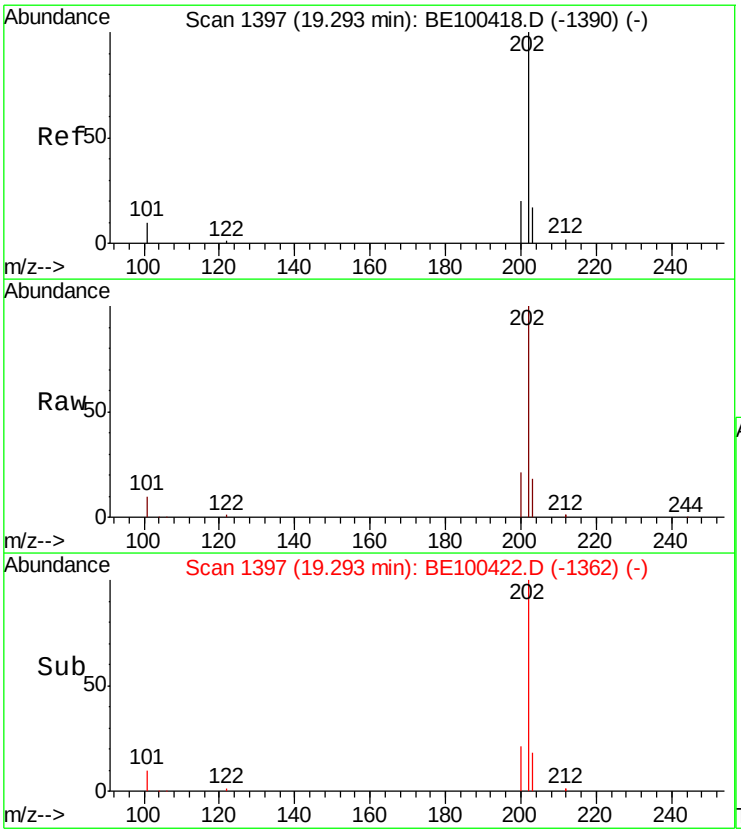
#25
Fluoranthene-d10
Concen: 4.274 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 3008655

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

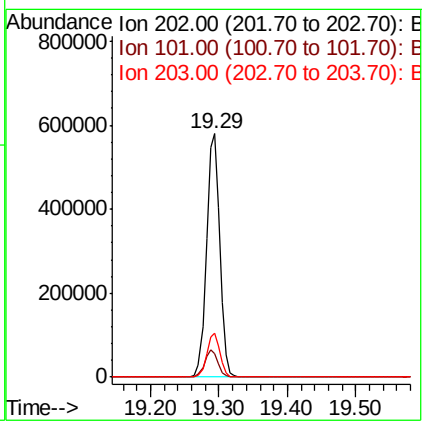


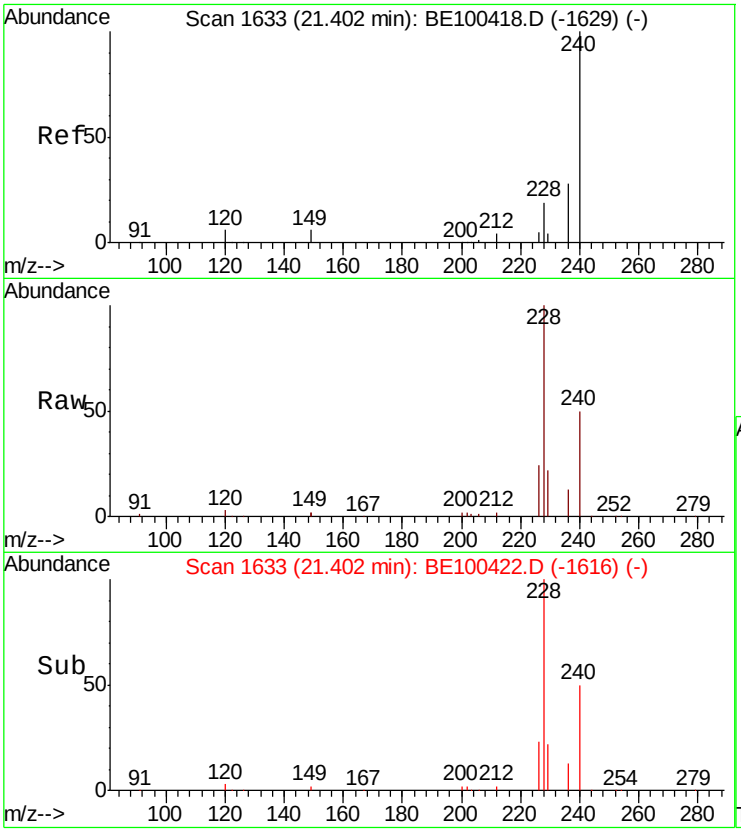


#26
Fluoranthene
Concen: 4.092 ng
RT: 19.29 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:202 Resp: 779831

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.5	13.8	20.6



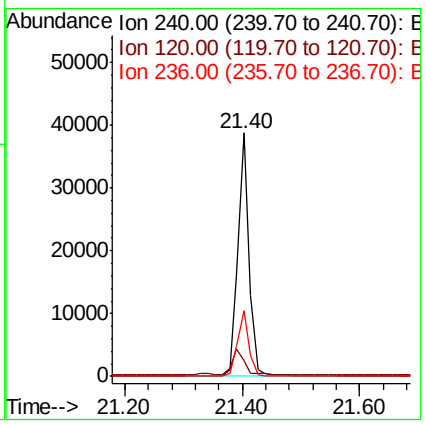


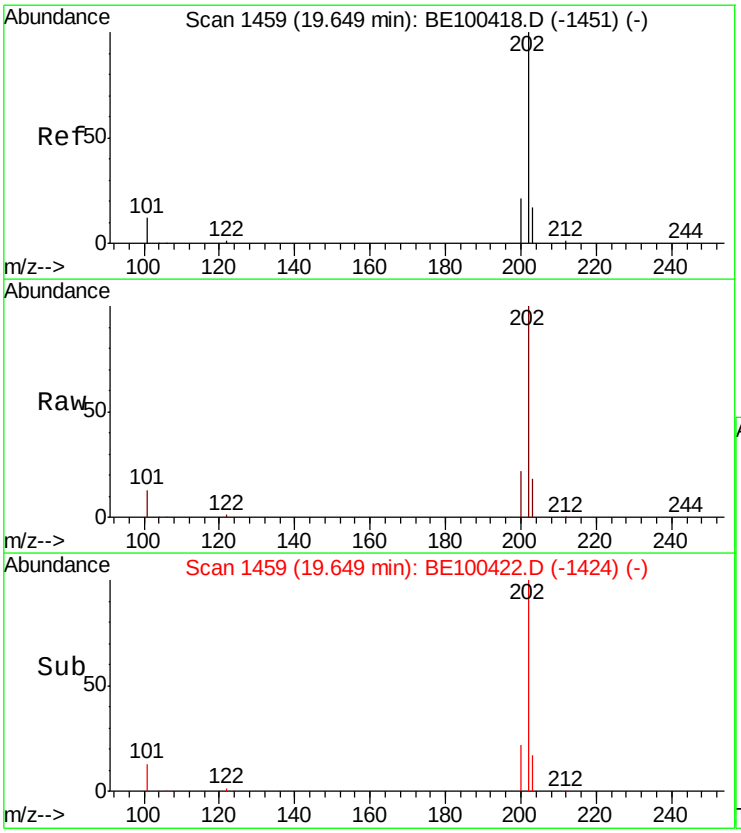
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:240 Resp: 51053

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.1	9.1
236	26.9	22.5	33.7

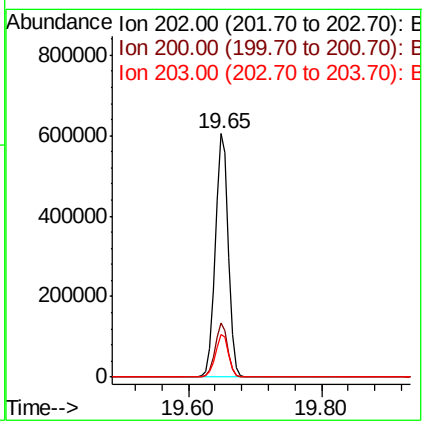


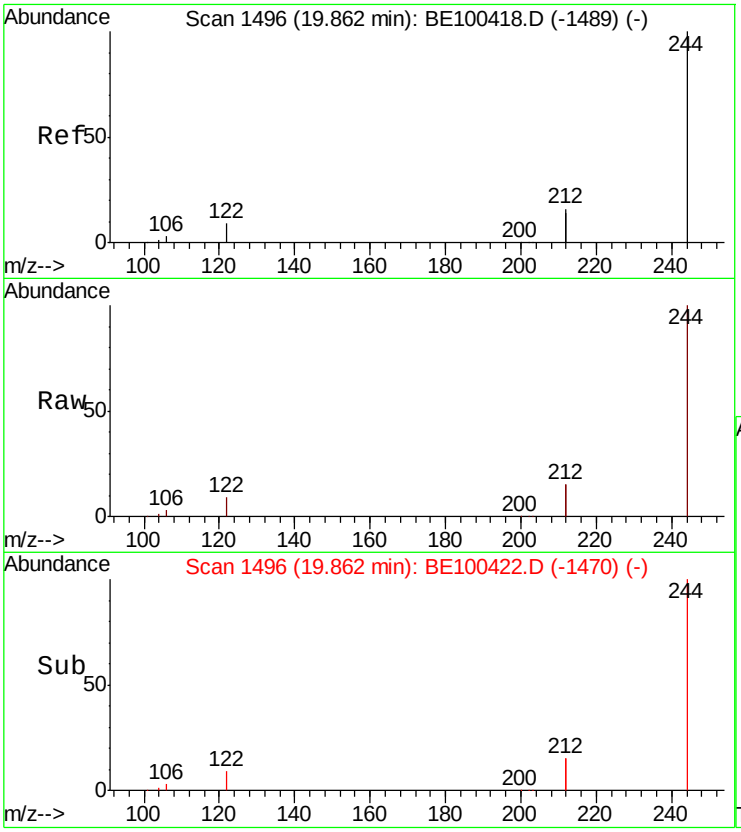


#28
Pyrene
Concen: 6.904 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:202 Resp: 807899

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.7	14.1	21.1



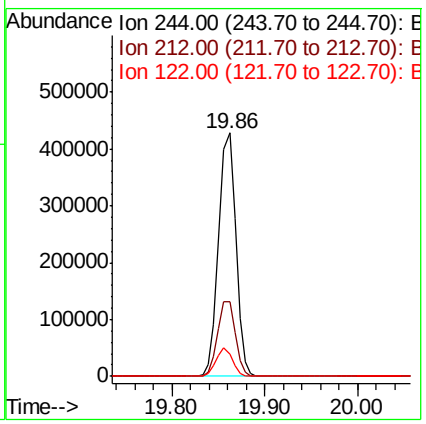


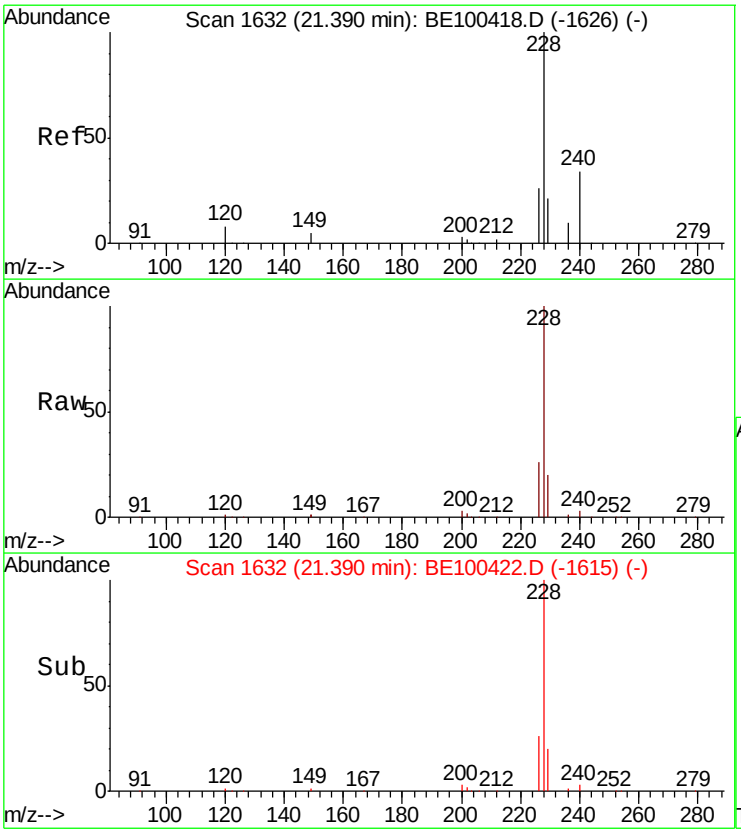
#29
Terphenyl-d14
Concen: 5.850 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 551699

Ion	Ratio	Lower	Upper
244	100		
212	30.9	25.0	37.6
122	9.2	7.7	11.5

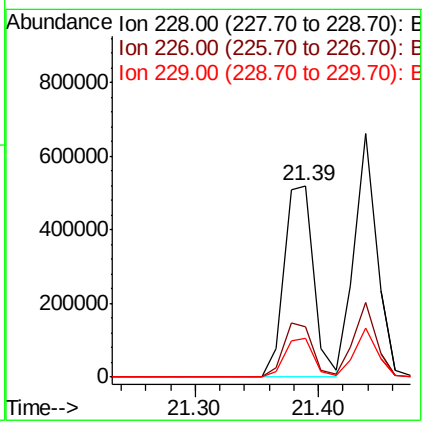


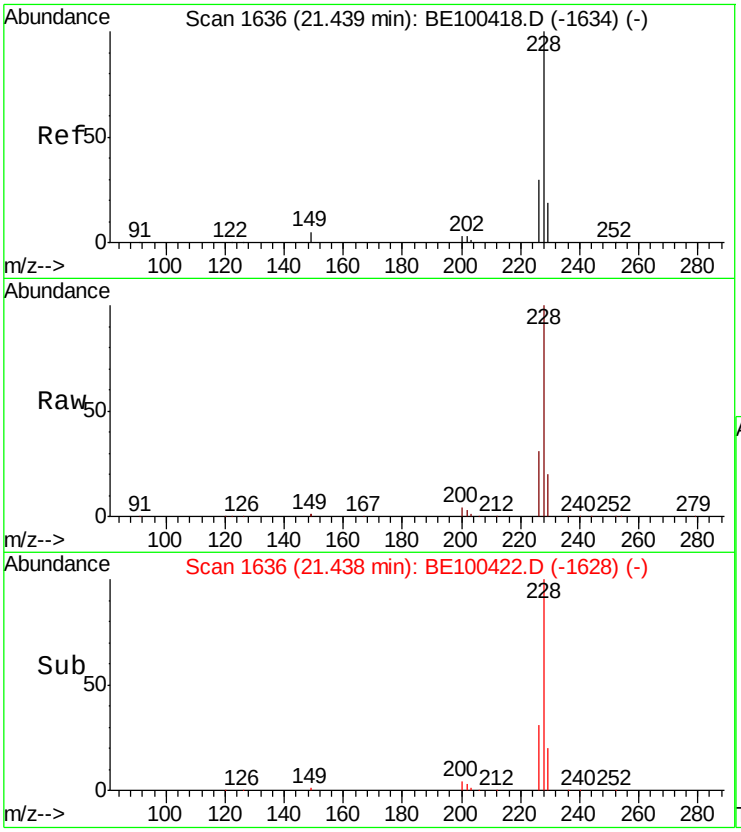


#30
Benzo(a)anthracene
Concen: 6.067 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:228 Resp: 874470

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.0	31.4
229	20.4	16.7	25.1



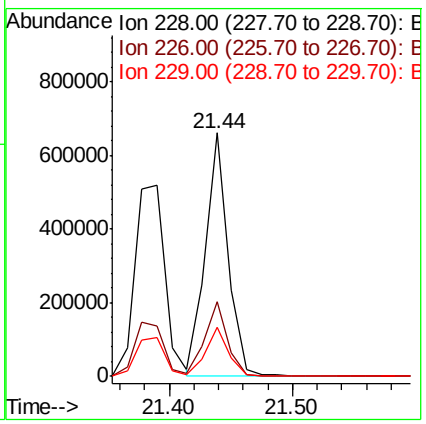


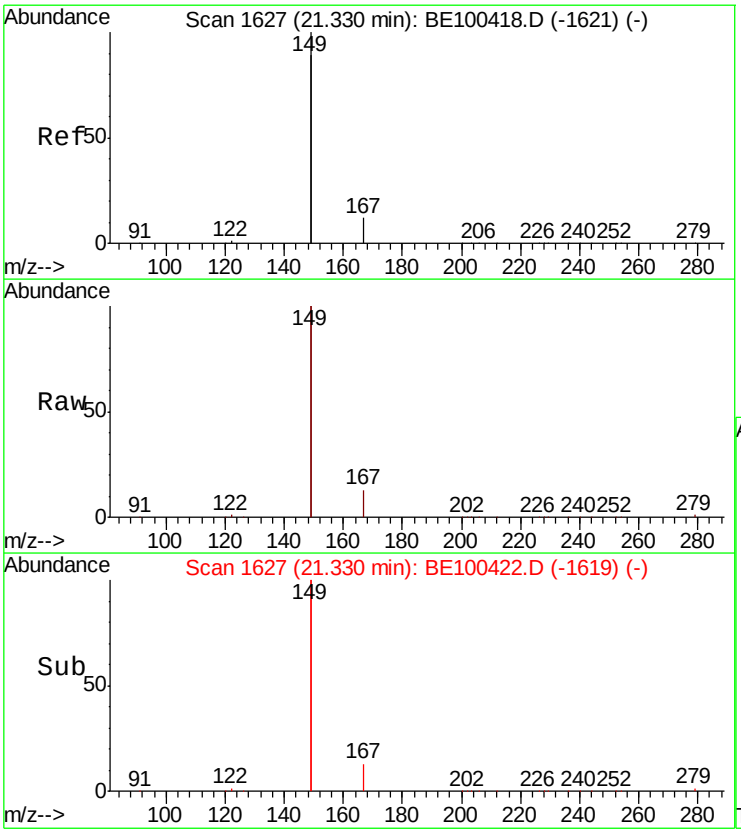
#31
Chrysene
Concen: 5.119 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 843160

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	19.9	15.7	23.5

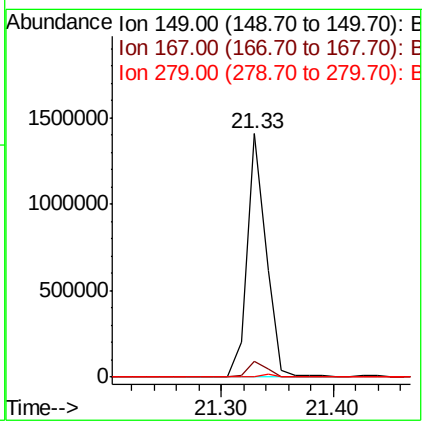


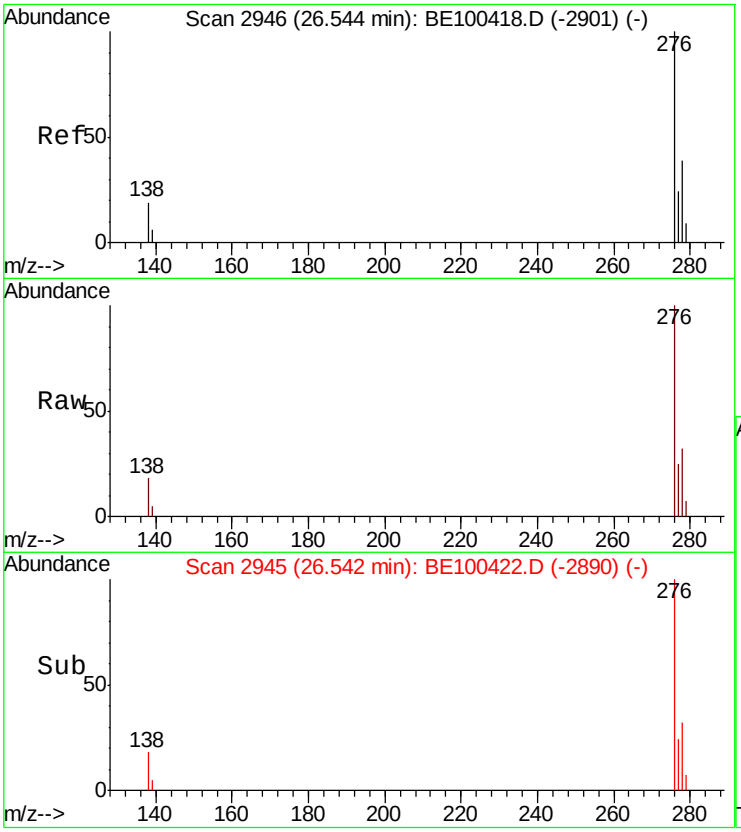


#32
Bis(2-ethylhexyl)phthalate
Concen: 13.355 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:149 Resp: 1660488

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.0	0.8	1.2



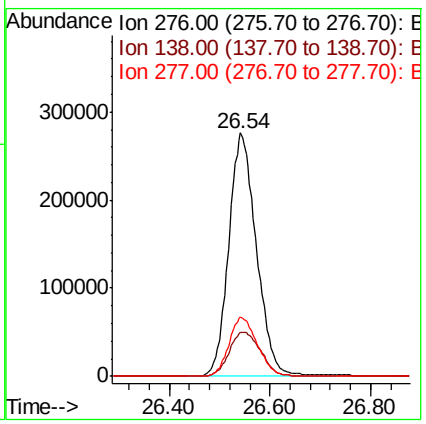


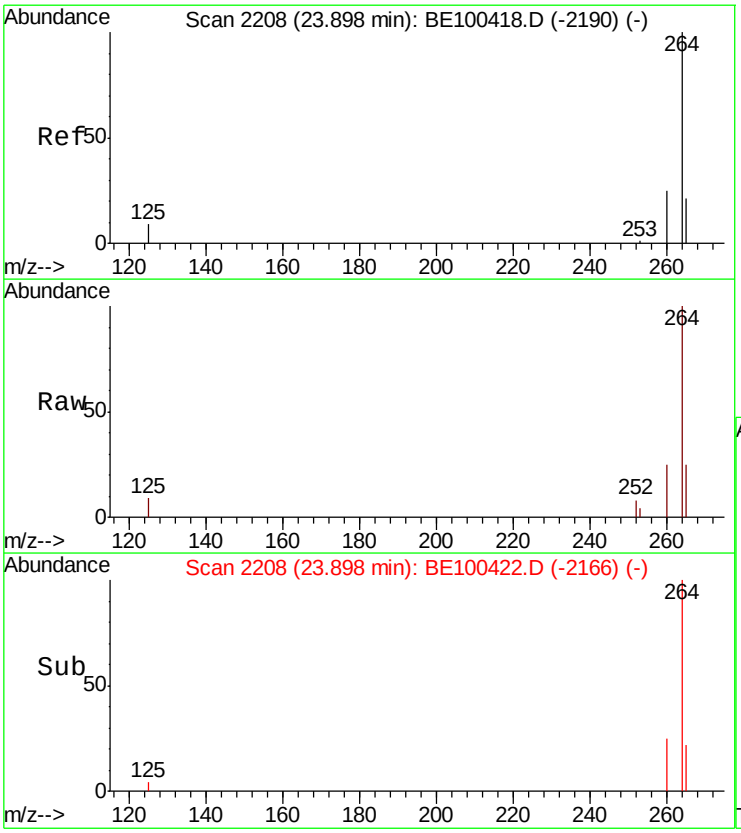
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.586 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 1055375

Ion	Ratio	Lower	Upper
276	100		
138	20.5	0.0	0.0#
277	25.0	0.0	0.0#

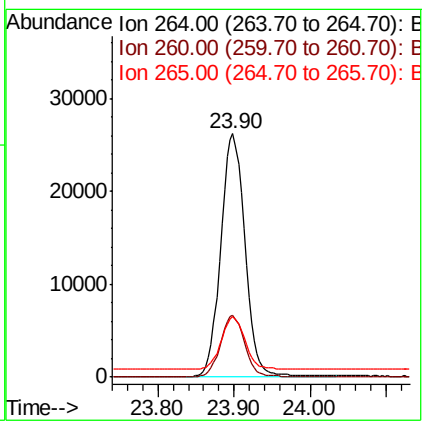


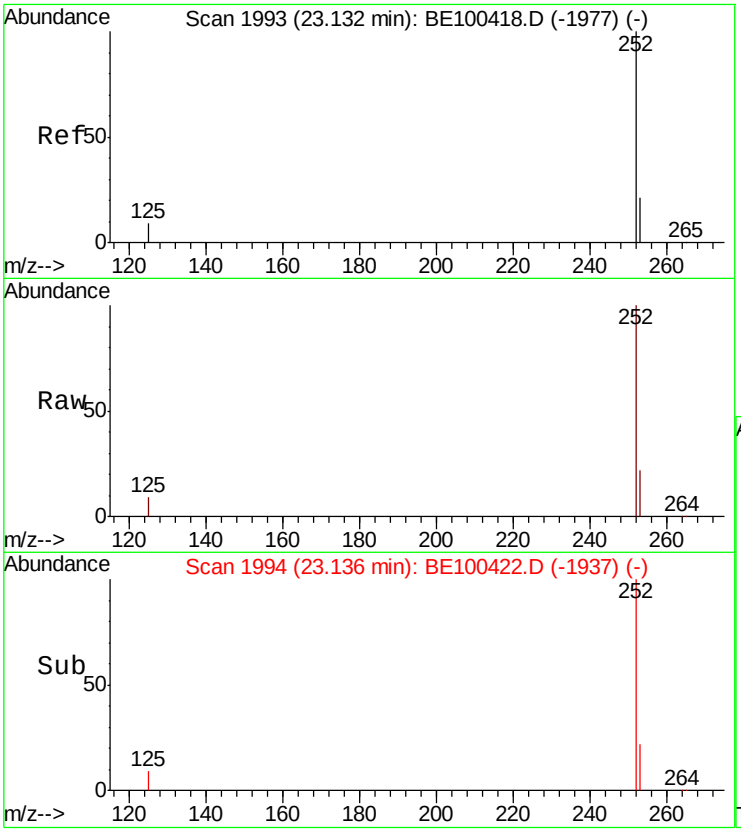


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:264 Resp: 57753

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	24.7	20.8	31.2



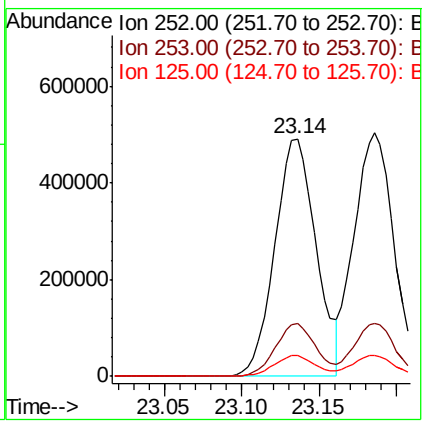


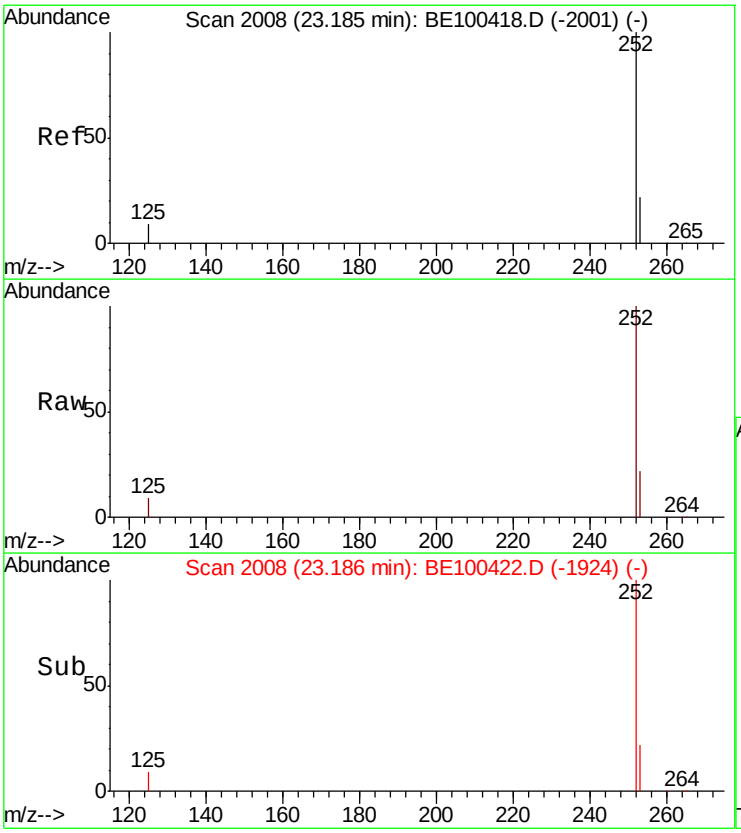
#35
Benzo(b)fluoranthene
Concen: 5.892 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 907933

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.7	8.5	12.7

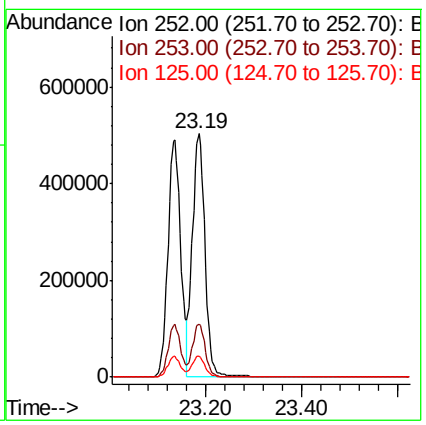


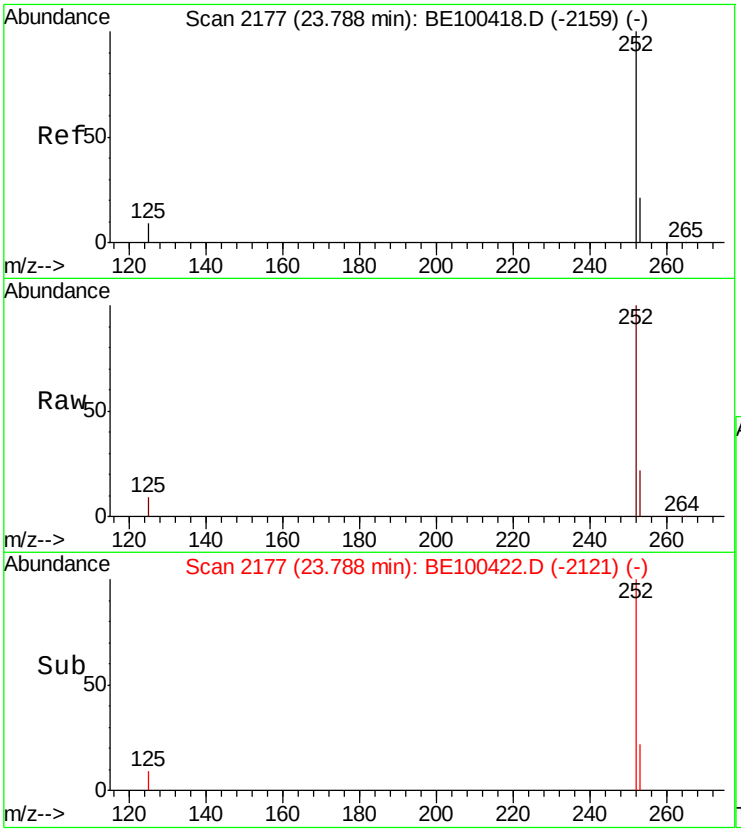


#36
Benzo(k)fluoranthene
Concen: 4.812 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:252 Resp: 917876

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	8.6	8.5	12.7



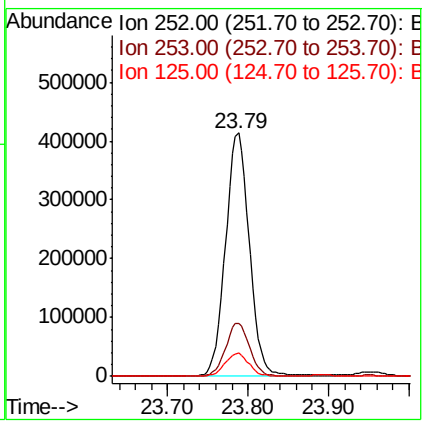


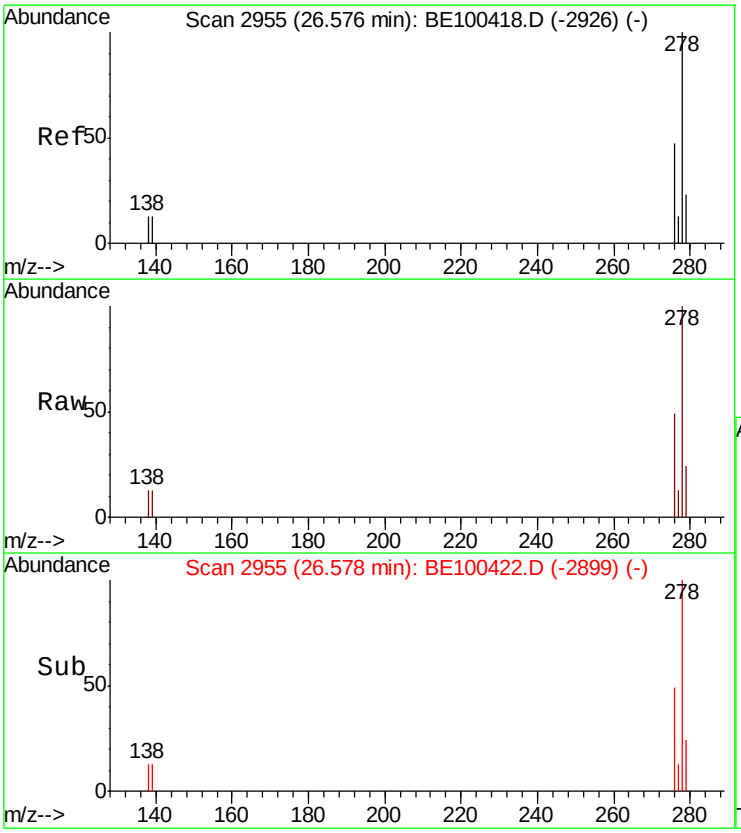
#37
Benzo(a)pyrene
Concen: 5.248 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 851357

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	9.4	9.0	13.6

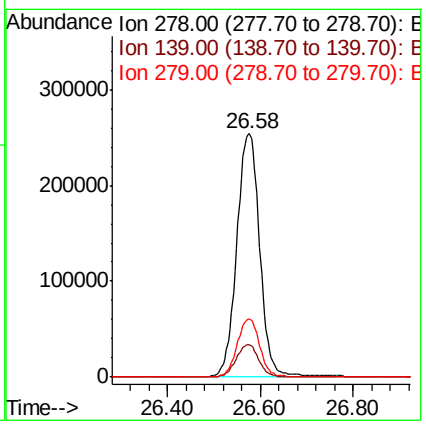


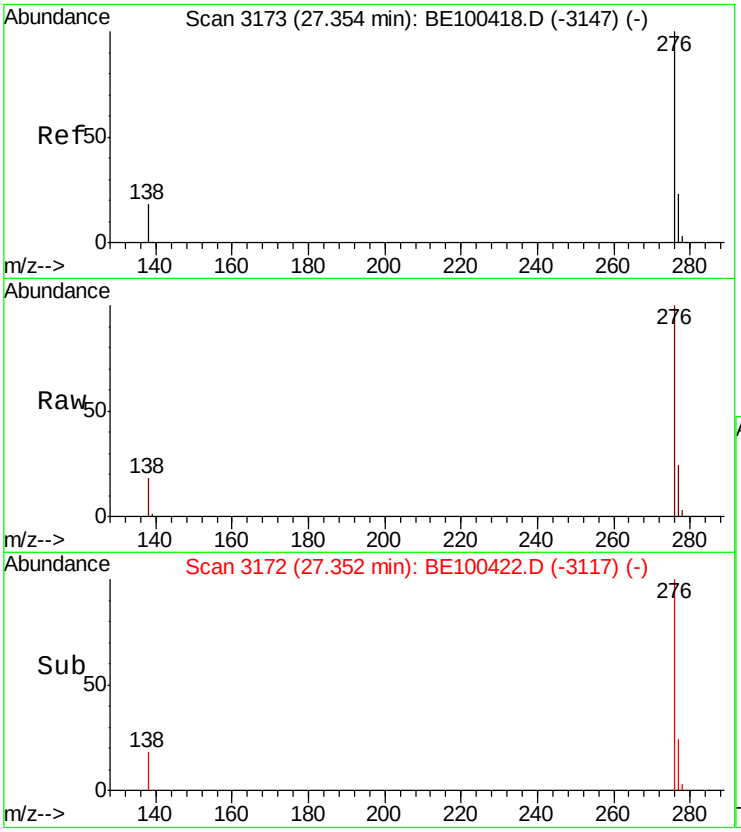


#38
Dibenzo(a,h)anthracene
Concen: 5.456 ng
RT: 26.58 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Tgt Ion:278 Resp: 872112

Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.6	17.4
279	23.7	19.4	29.0





#39
Benzo(g,h,i)perylene
Concen: 4.438 ng
RT: 27.35 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BE100422.D
Acq: 12 Jul 2019 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 844814

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.0	15.7	23.5