Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100352.D
Acq On : 4 Jul 2019 6:04
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 05 01:13:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	630	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2123	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1554	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	4528	0.40	ng		0.00
27) Chrysene-d12	21.24	240	5494	0.40	ng		0.00
34) Perylene-d12	23.67	264	6724	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	607	0.38	ng		-0.01
5) Phenol-d6	6.84	99	824	0.39	ng		0.00
8) Nitrobenzene-d5	8.81	82	873	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1688	0.42	ng		-0.01
14) 2,4,6-Tribromophenol	15.82	330	411	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	2739	0.45	ng		-0.01
25) Fluoranthene-d10	19.10	212	26839	0.41	ng		0.00
29) Terphenyl-d14	19.70	244	5584	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	323	0.330	ng	#	86
3) n-Nitrosodimethylamine	3.44	42	158	0.347	ng	#	73
6) bis(2-Chloroethyl)ether	7.08	93	678	0.390	ng		81
9) Naphthalene	10.48	128	10193	0.435	ng		99
10) Hexachlorobutadiene	10.74	225	1154	0.512	ng		96
12) 2-Methylnaphthalene	12.12	142	1587	0.386	ng		97
16) Acenaphthylene	14.04	152	3307	0.443	ng		98
17) Acenaphthene	14.37	154	1852	0.438	ng		95
18) Fluorene	15.35	166	2731	0.437	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	1304	0.451	ng	#	87
21) Hexachlorobenzene	16.36	284	1439	0.480	ng		96
22) Pentachlorophenol	16.75	266	229	0.254	ng		91
23) Phenanthrene	17.09	178	4679	0.426	ng		99
24) Anthracene	17.19	178	4024	0.407	ng		100
26) Fluoranthene	19.13	202	7300	0.418	ng		100
28) Pyrene	19.49	202	7589	0.522	ng		99
30) Benzo(a)anthracene	21.23	228	7650	0.423	ng		97
31) Chrysene	21.28	228	8014	0.442	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	13727	0.480	ng		100
33) Indeno(1,2,3-cd)pyrene	26.22	276	9275	0.387	ng	#	94
35) Benzo(b)fluoranthene	22.92	252	7035	0.386	ng		98
36) Benzo(k)fluoranthene	22.97	252	8367	0.411	ng	#	97
37) Benzo(a)pyrene	23.56	252	7804	0.427	ng	#	95
38) Dibenzo(a,h)anthracene	26.25	278	7081	0.371	ng	#	94
39) Benzo(g,h,i)perylene	27.01	276	8666	0.442	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
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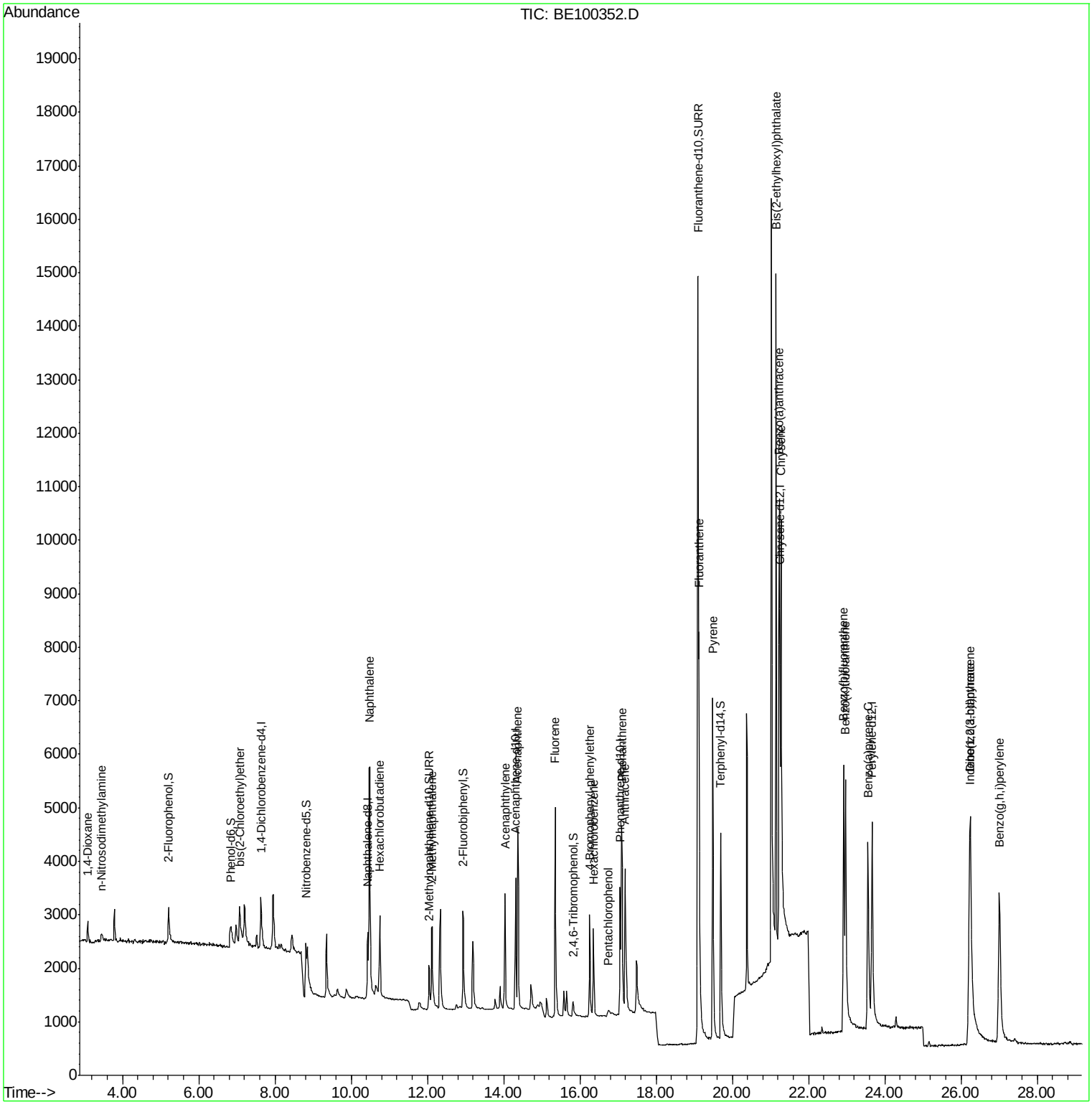
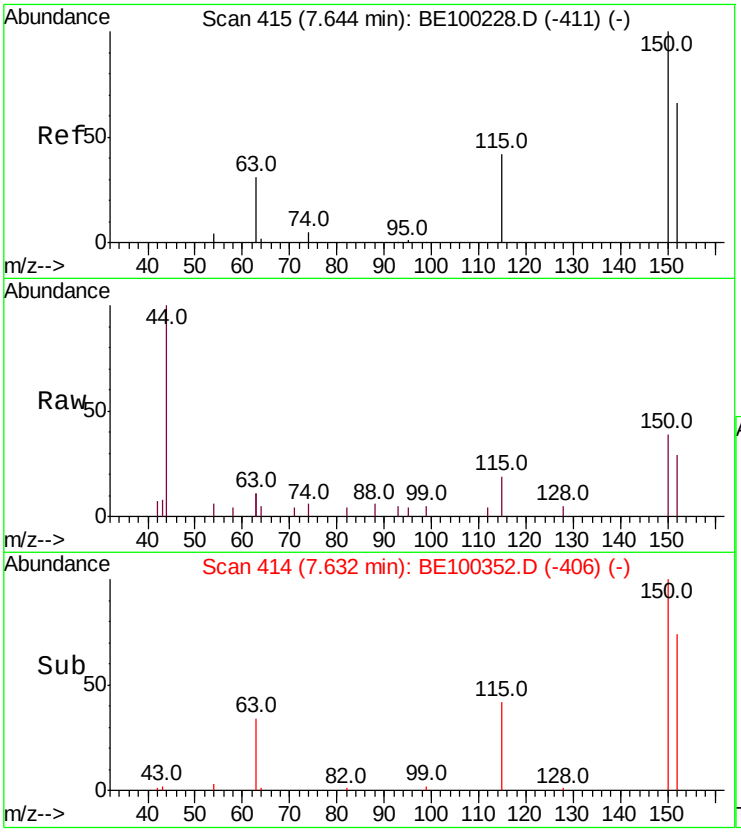
Acq On : 4 Jul 2019 6:04
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 05 01:13:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



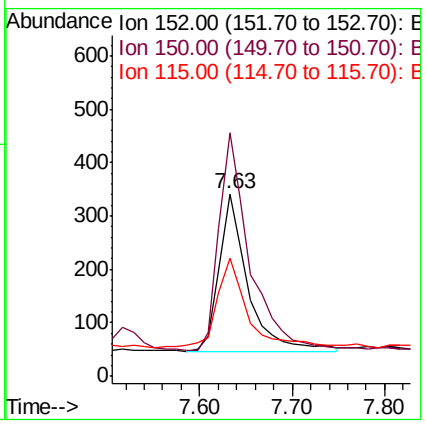


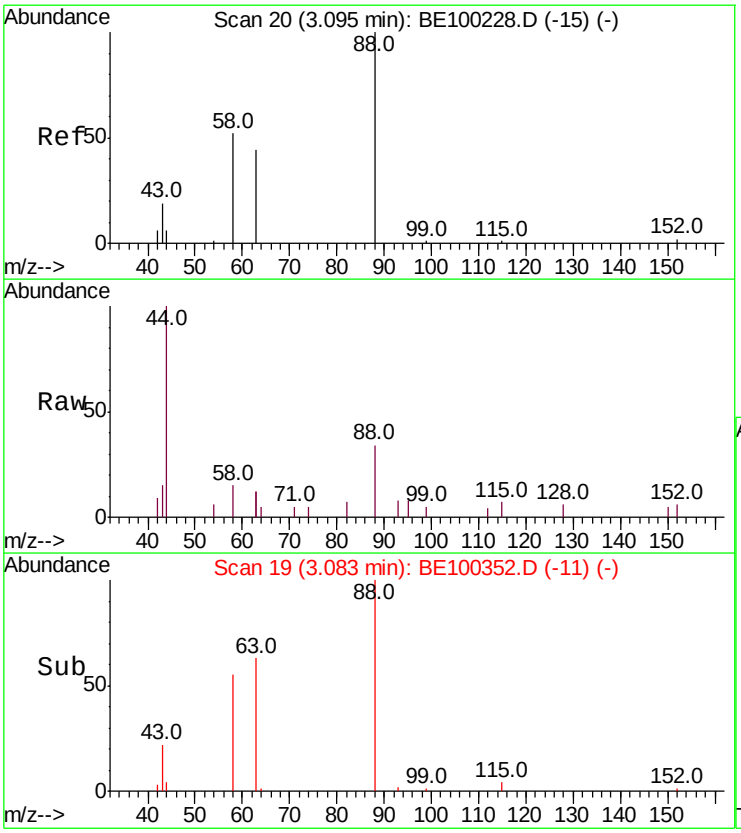
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 630

Ion	Ratio	Lower	Upper
152	100		
150	133.3	114.5	171.7
115	64.9	57.1	85.7

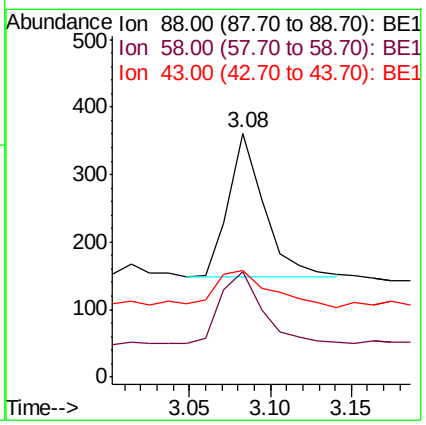


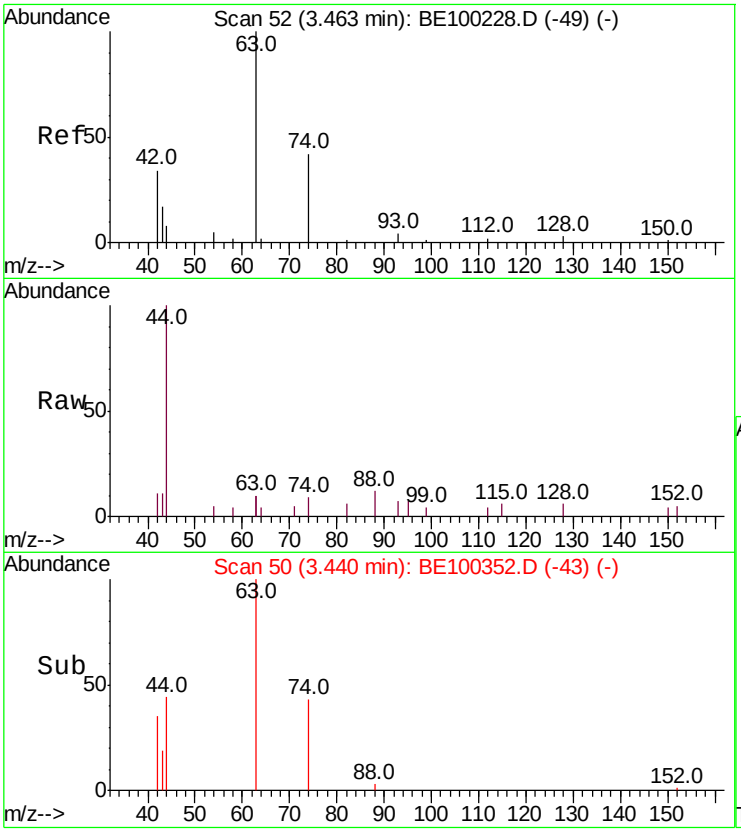


#2
1,4-Dioxane
Concen: 0.330 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion: 88 Resp: 323

Ion	Ratio	Lower	Upper
88	100		
58	57.9	43.6	65.4
43	43.7	21.4	32.0#



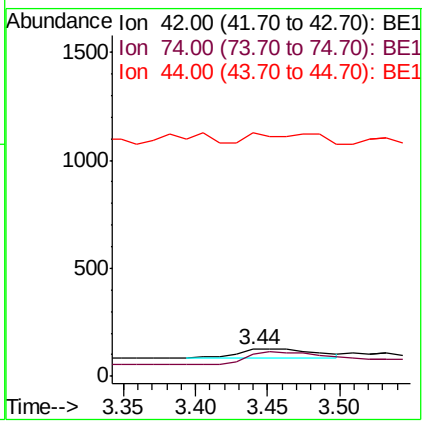


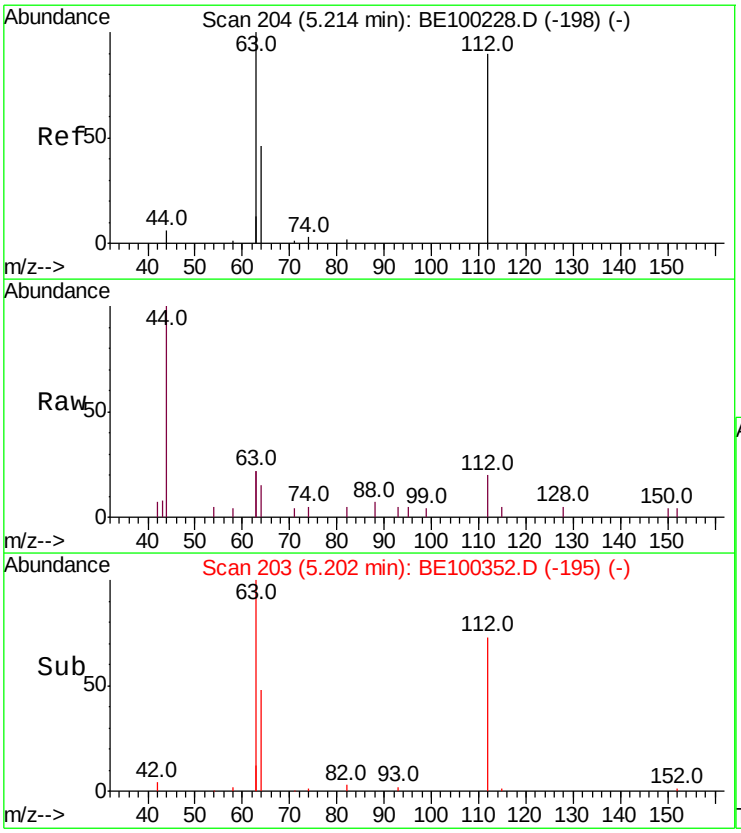
#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 158

Ion	Ratio	Lower	Upper
42	100		
74	148.7	130.6	196.0
44	103.2	38.0	57.0#

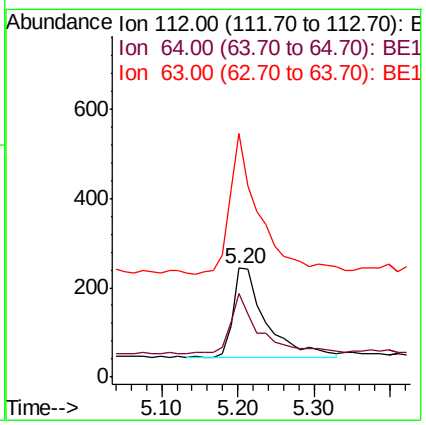


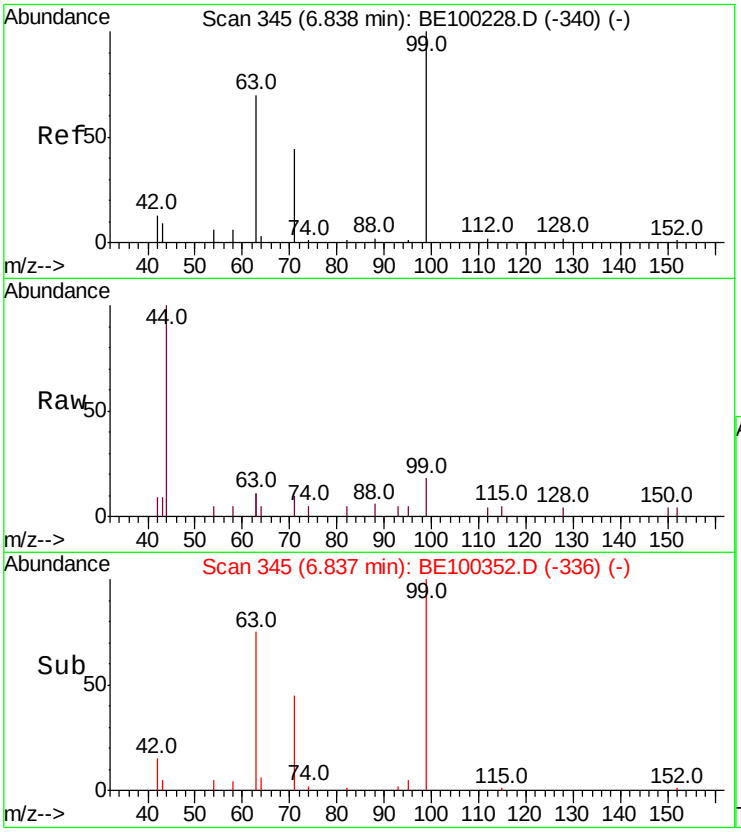


#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:112 Resp: 607

Ion	Ratio	Lower	Upper
112	100		
64	60.3	39.4	59.0#
63	145.3	104.5	156.7



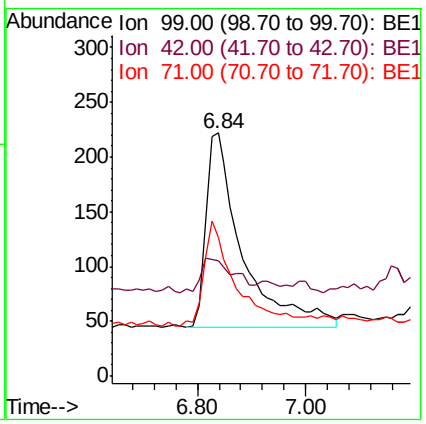


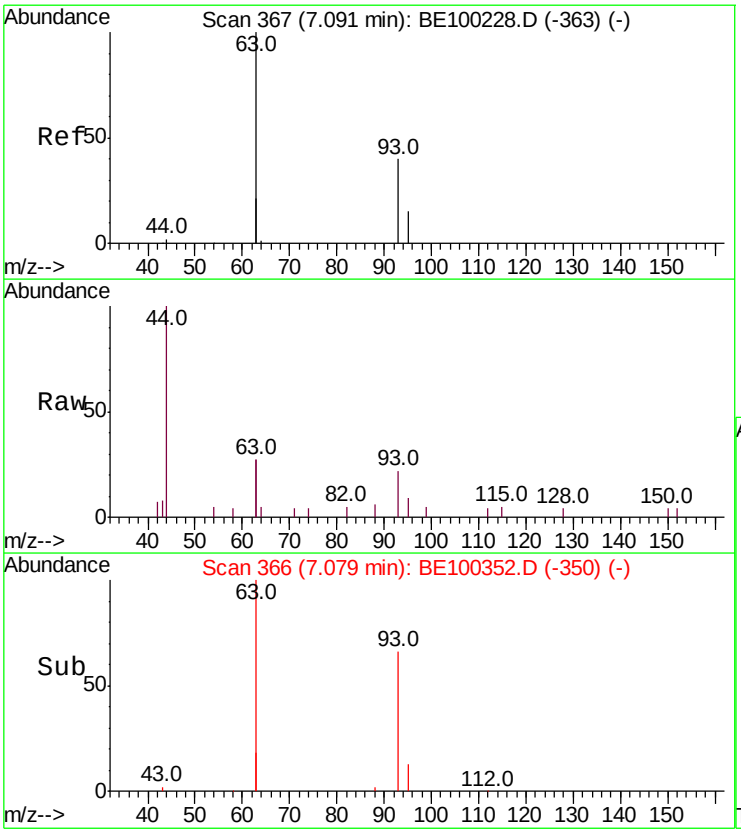
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 824

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	0.0	37.2	55.8#

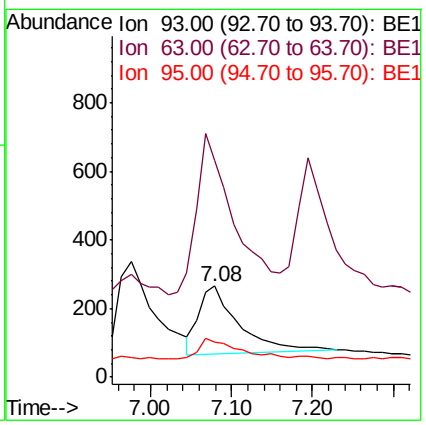


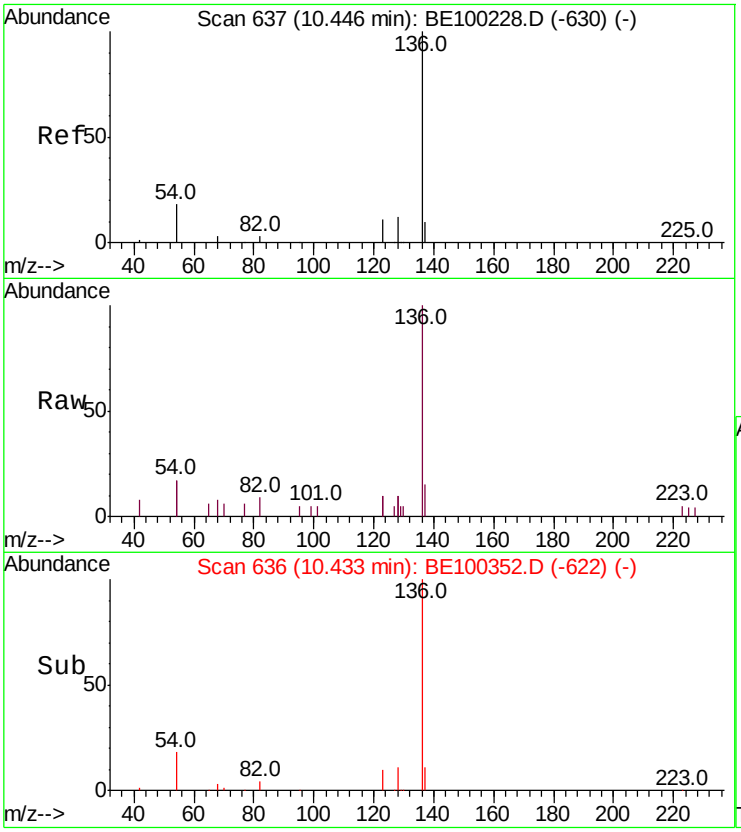


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.08 min Scan# 366
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion: 93 Resp: 678

Ion	Ratio	Lower	Upper
93	100		
63	225.1	155.6	233.4
95	32.0	23.0	34.4



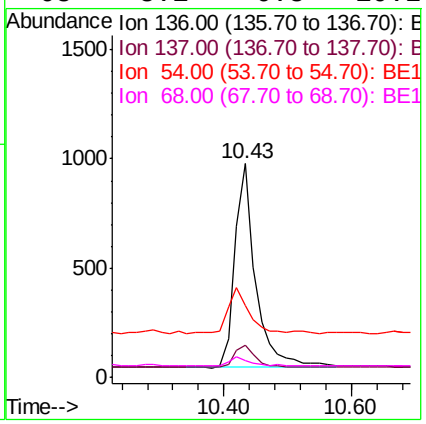


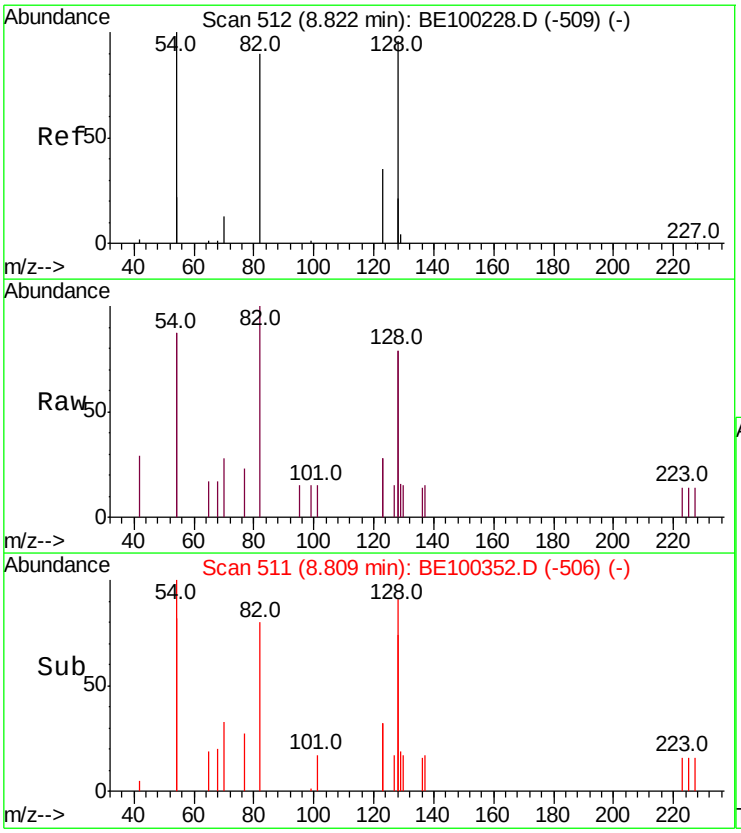
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2123

Ion	Ratio	Lower	Upper
136	100		
137	14.8	11.8	17.8
54	33.7	27.7	41.5
68	8.1	6.8	10.2

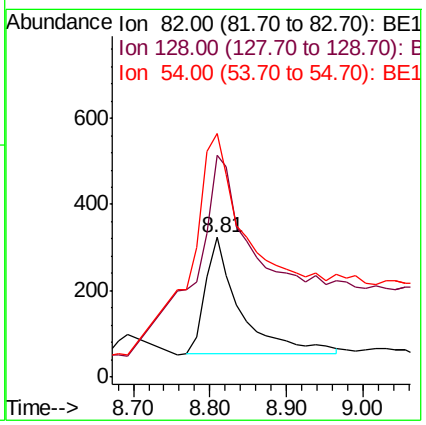


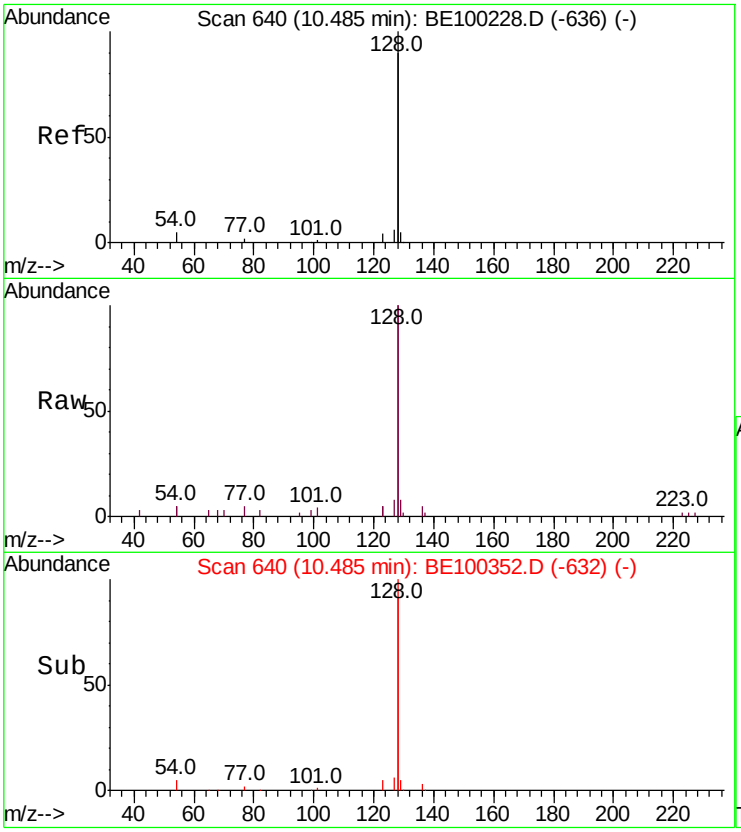


#8
Nitrobenzene-d5
Concen: 0.414 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion: 82 Resp: 873

Ion	Ratio	Lower	Upper
82	100		
128	158.6	140.9	211.3
54	174.1	146.2	219.2



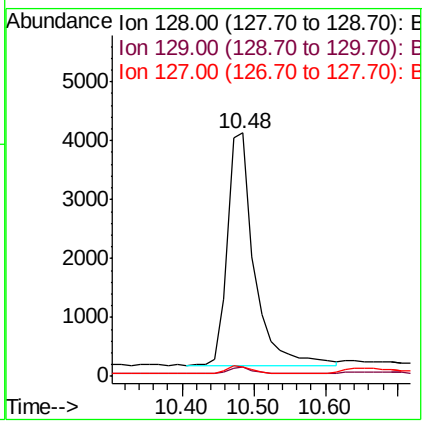


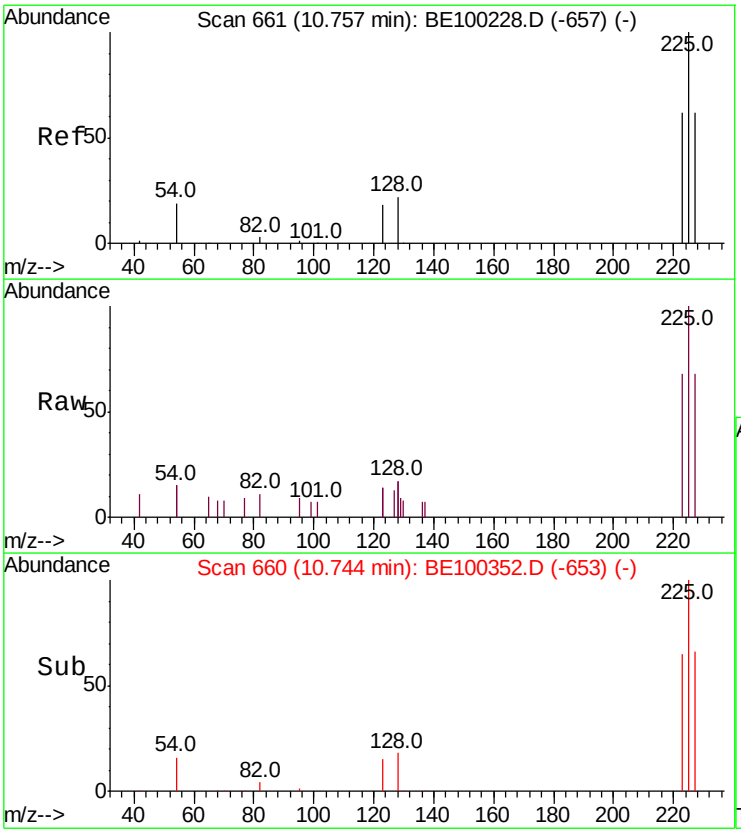
#9
Naphthalene
Concen: 0.435 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 10193

Ion	Ratio	Lower	Upper
128	100		
129	3.8	3.0	4.6
127	3.9	3.5	5.3

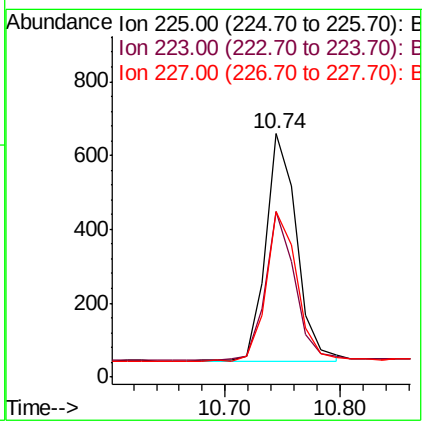


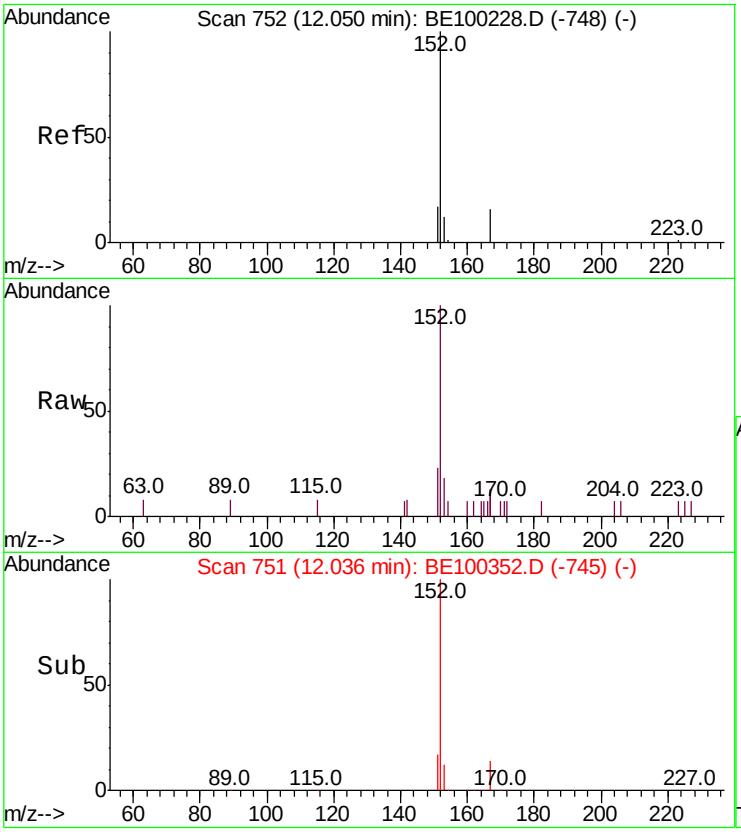


#10
Hexachlorobutadiene
Concen: 0.512 ng
RT: 10.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:225 Resp: 1154

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.1	73.7
227	66.5	49.3	73.9



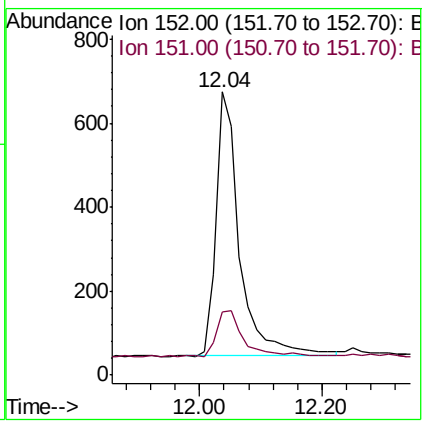


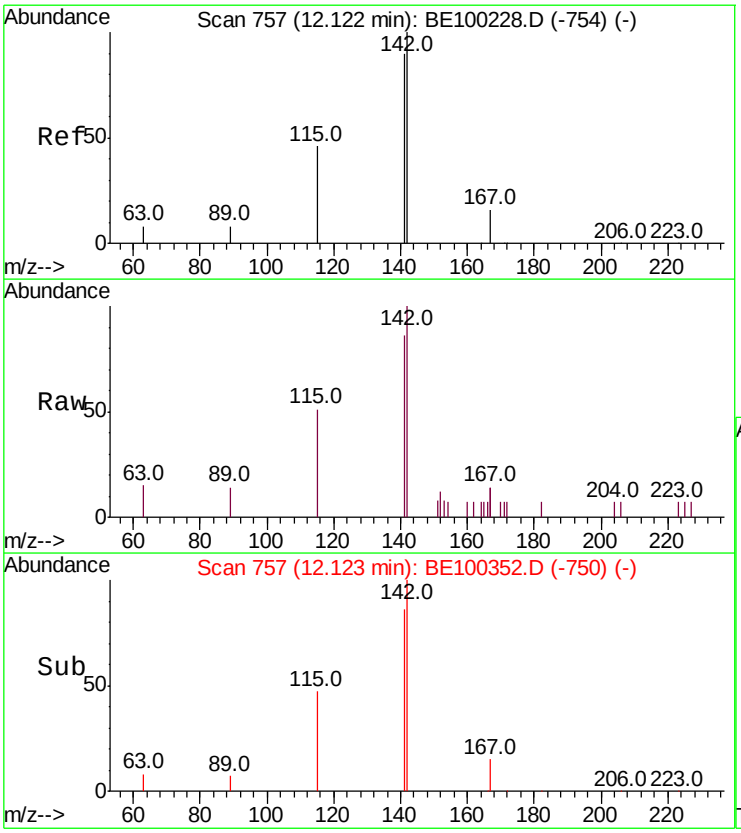
#11
2-Methylnaphthalene-d10
Concen: 0.423 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1688

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.1	22.7

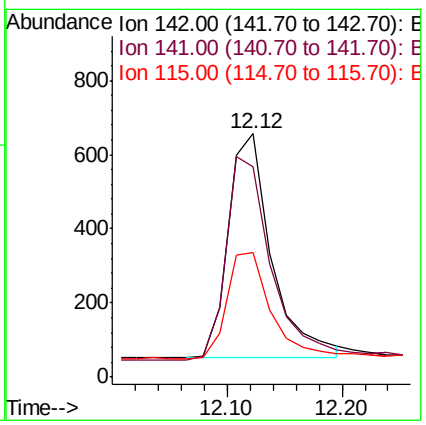


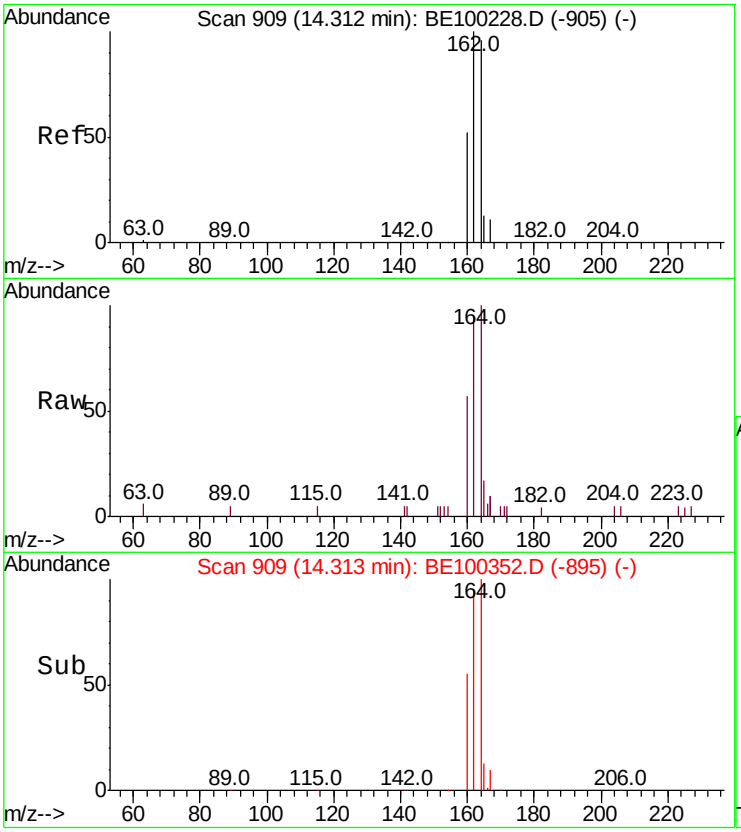


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:142 Resp: 1587

Ion	Ratio	Lower	Upper
142	100		
141	86.5	72.4	108.6
115	51.0	40.4	60.6



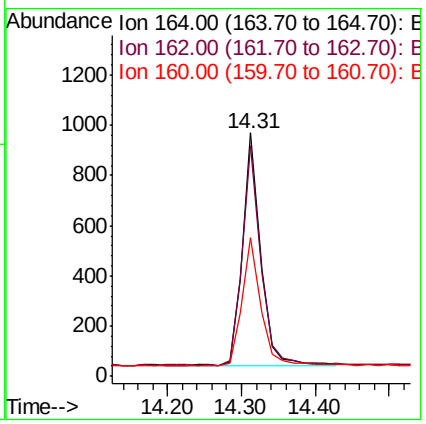


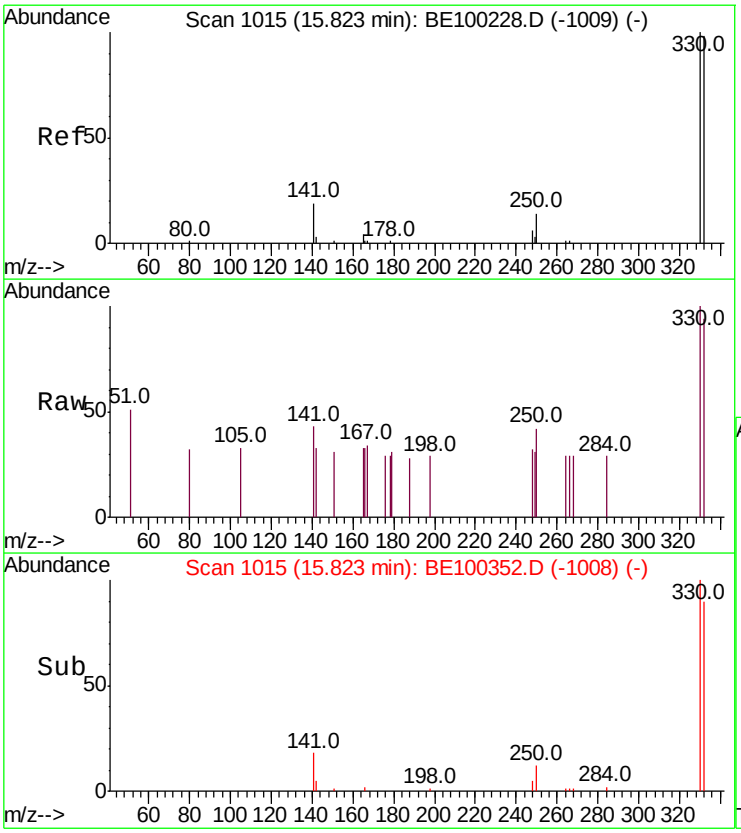
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1554

Ion	Ratio	Lower	Upper
164	100		
162	95.1	83.4	125.0
160	56.7	45.0	67.6

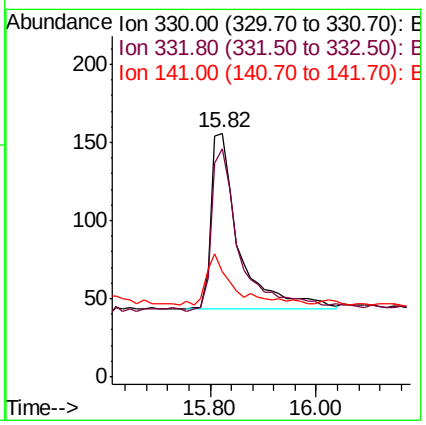


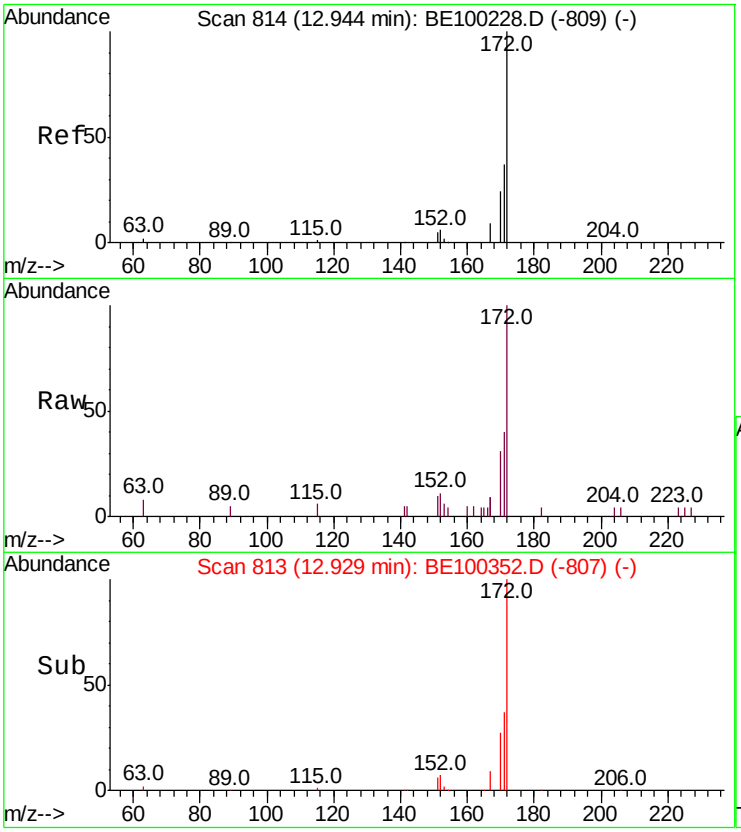


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:330 Resp: 411

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.4
141	27.5	22.0	33.0



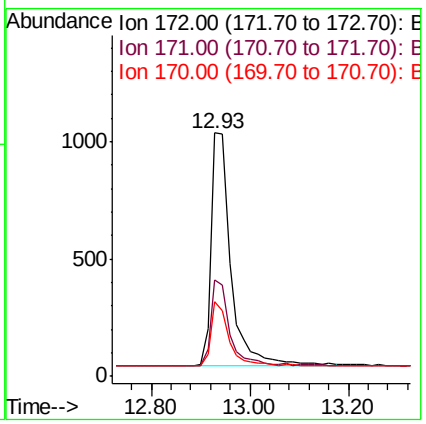


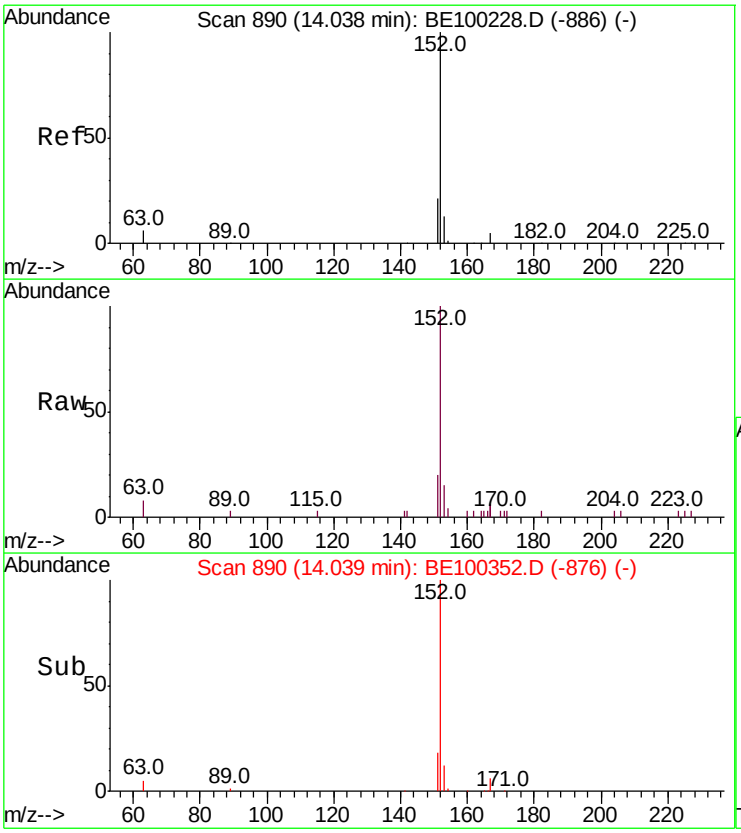
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2739

Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.9	47.9
170	30.6	22.2	33.2

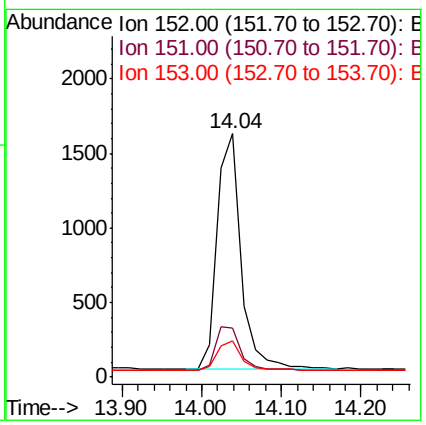


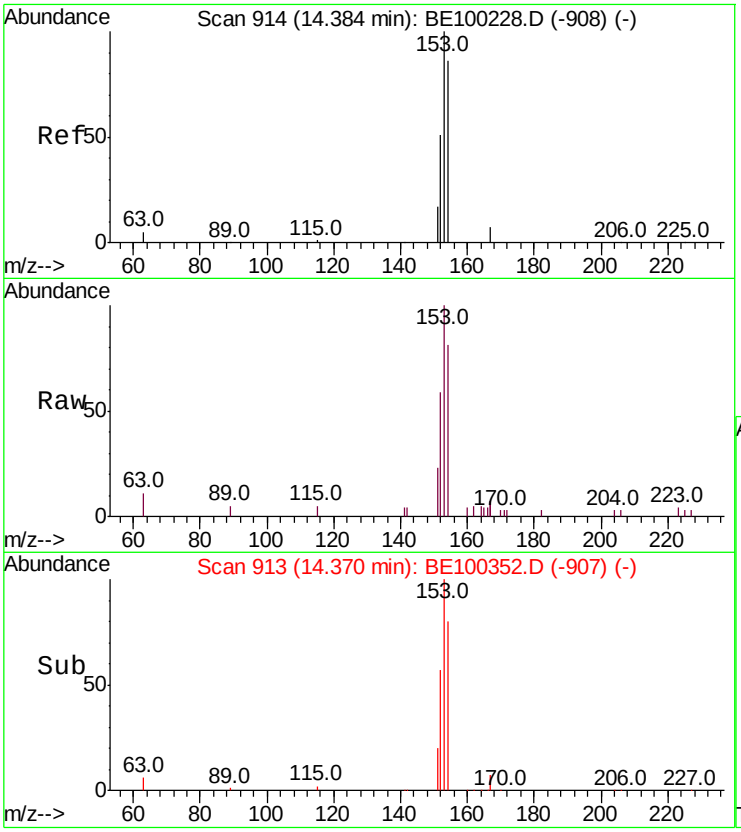


#16
Acenaphthylene
Concen: 0.443 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:152 Resp: 3307

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.6	25.0
153	13.2	10.5	15.7



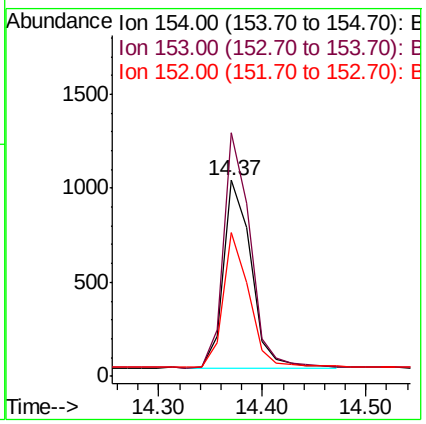


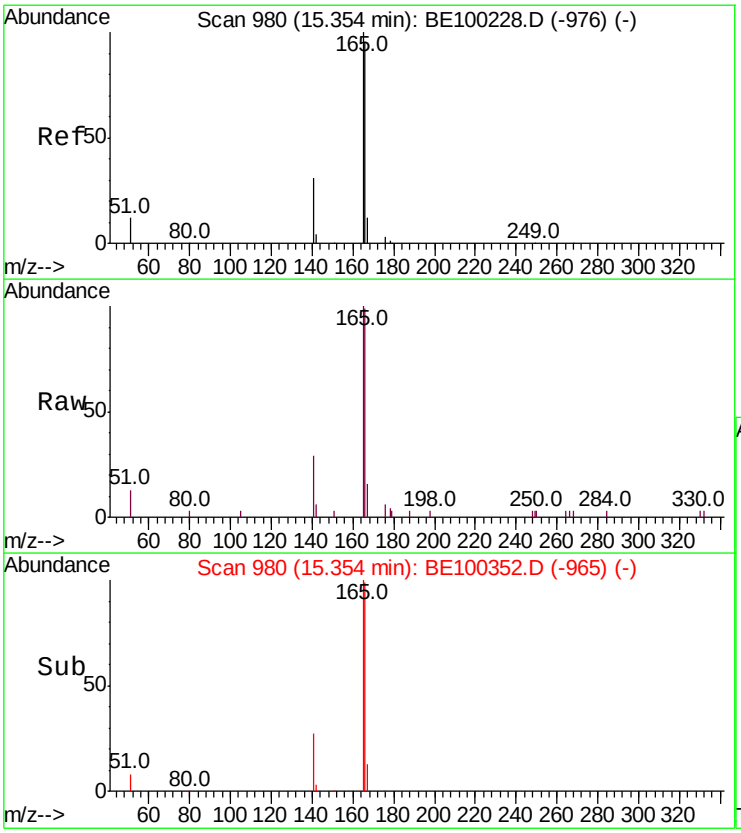
#17
Acenaphthene
Concen: 0.438 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1852

Ion	Ratio	Lower	Upper
154	100		
153	121.0	93.4	140.2
152	66.8	49.4	74.2

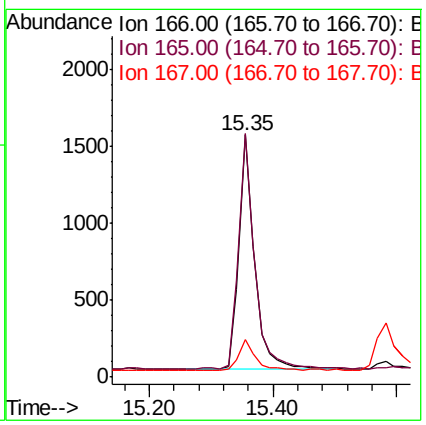


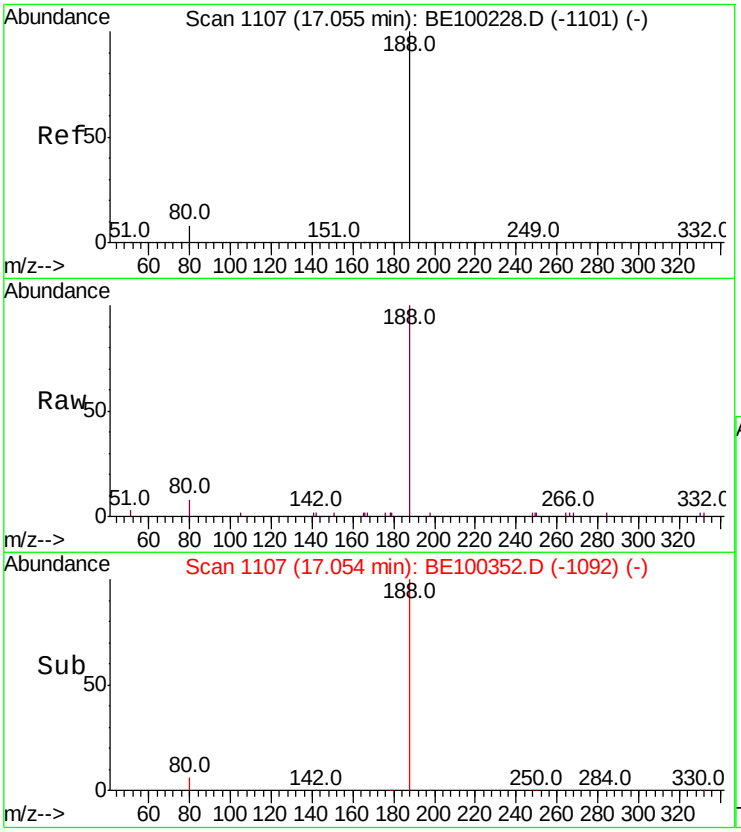


#18
Fluorene
Concen: 0.437 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:166 Resp: 2731

Ion	Ratio	Lower	Upper
166	100		
165	102.5	81.1	121.7
167	13.2	10.7	16.1



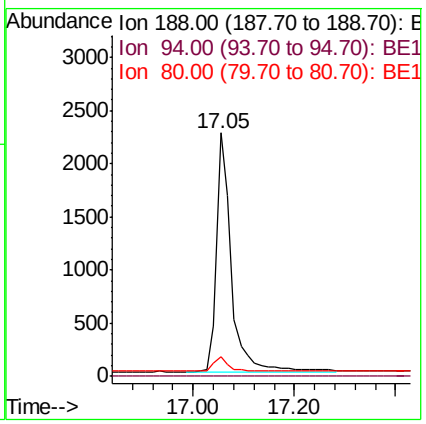


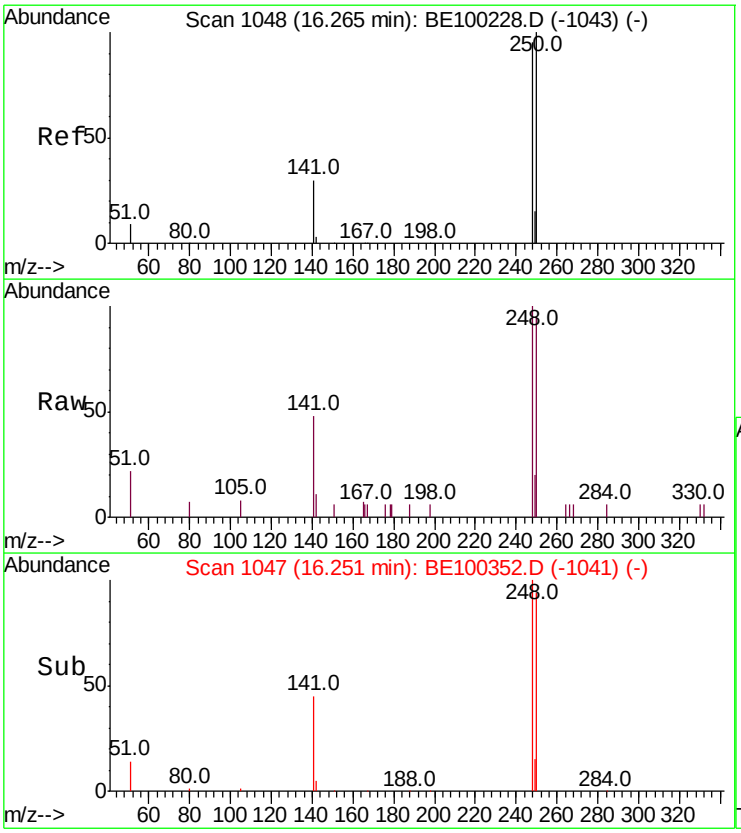
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 4528

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.6	11.4

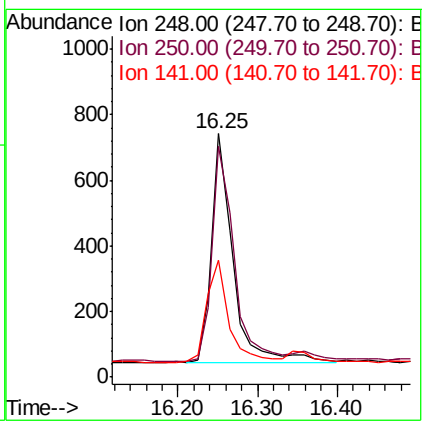


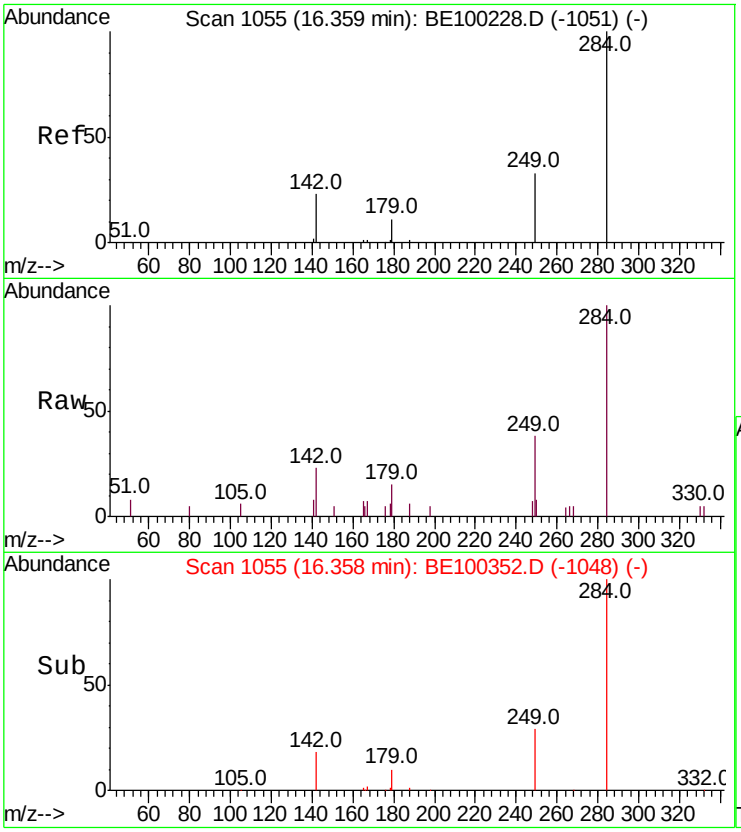


#20
4-Bromophenyl-phenylether
Concen: 0.451 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:248 Resp: 1304

Ion	Ratio	Lower	Upper
248	100		
250	94.7	84.2	126.4
141	48.0	29.3	43.9#



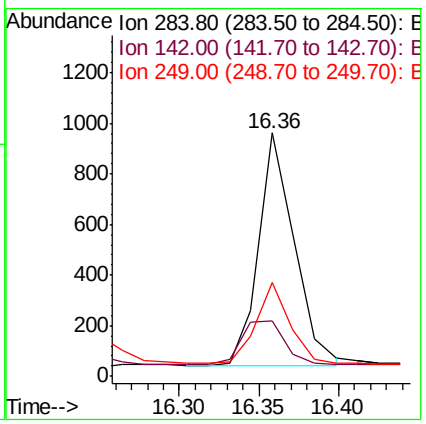


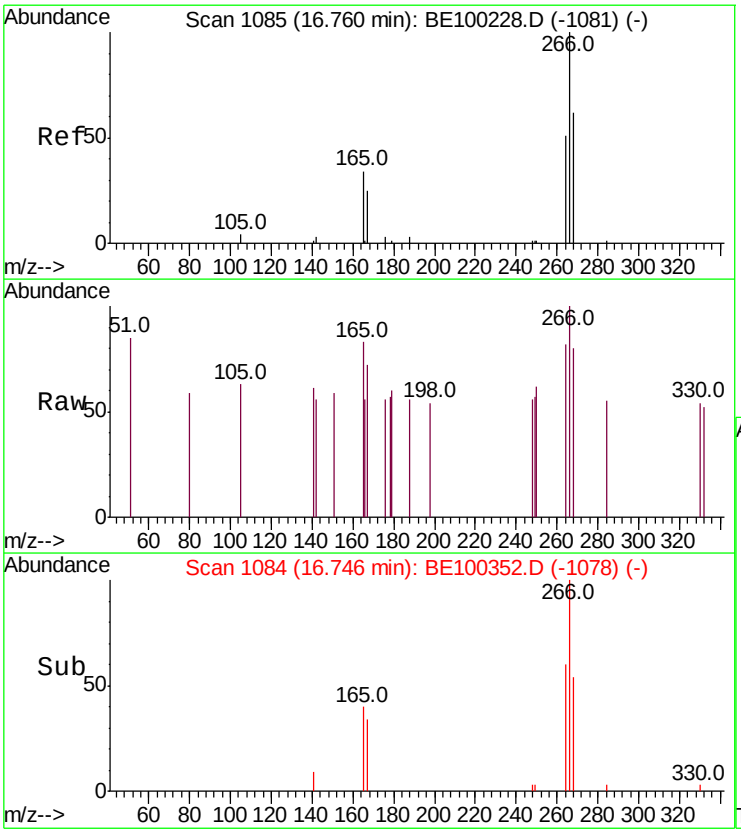
#21
Hexachlorobenzene
Concen: 0.480 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1439

Ion	Ratio	Lower	Upper
284	100		
142	23.3	18.8	28.2
249	32.8	23.7	35.5

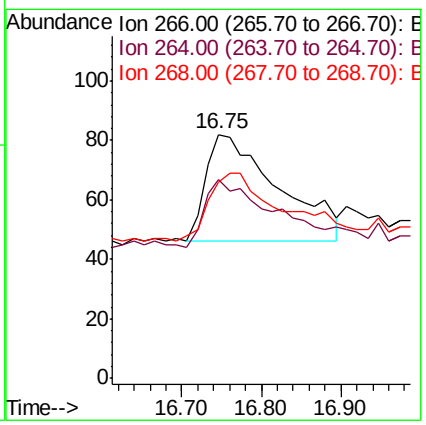


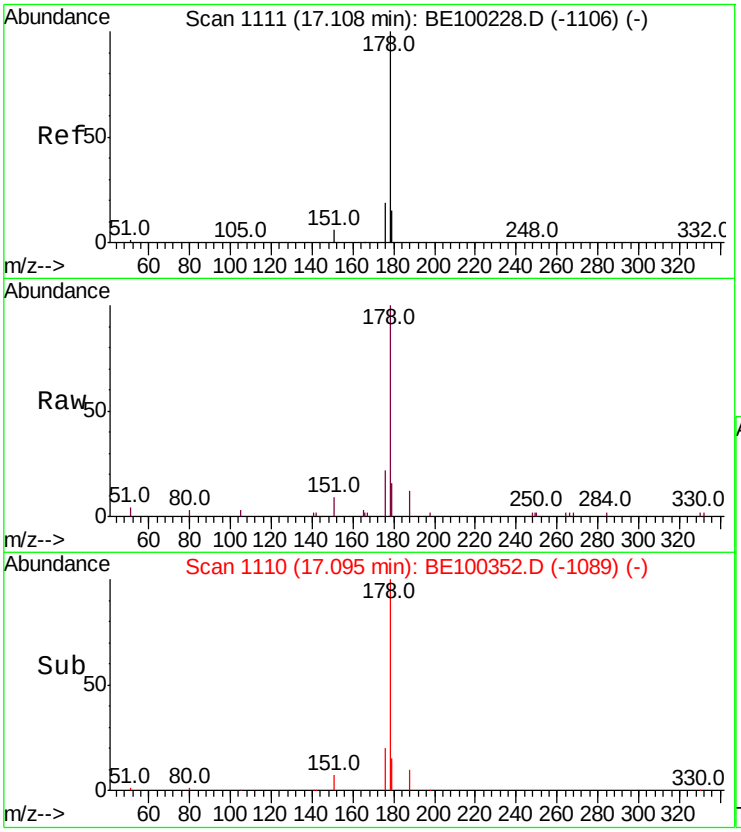


#22
Pentachlorophenol
Concen: 0.254 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:266 Resp: 229

Ion	Ratio	Lower	Upper
266	100		
264	81.7	56.2	84.2
268	80.5	61.8	92.6



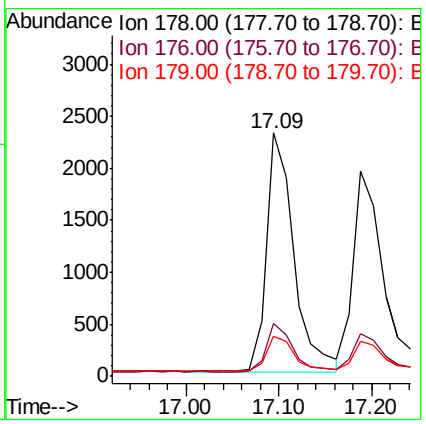


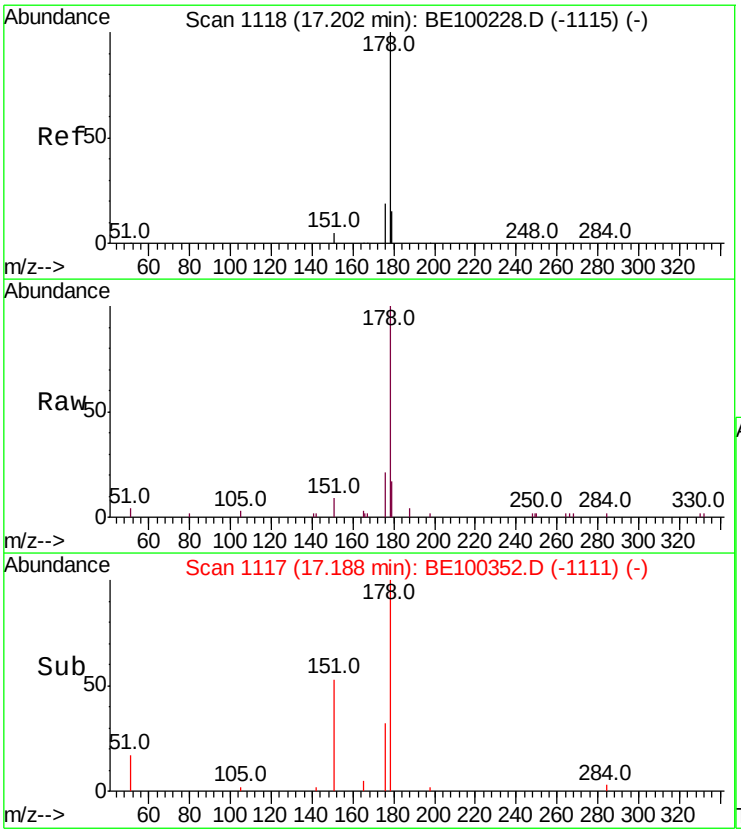
#23
Phenanthrene
Concen: 0.426 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 4679

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.1	12.2	18.2

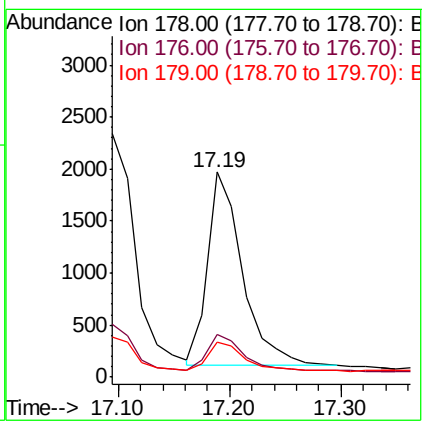


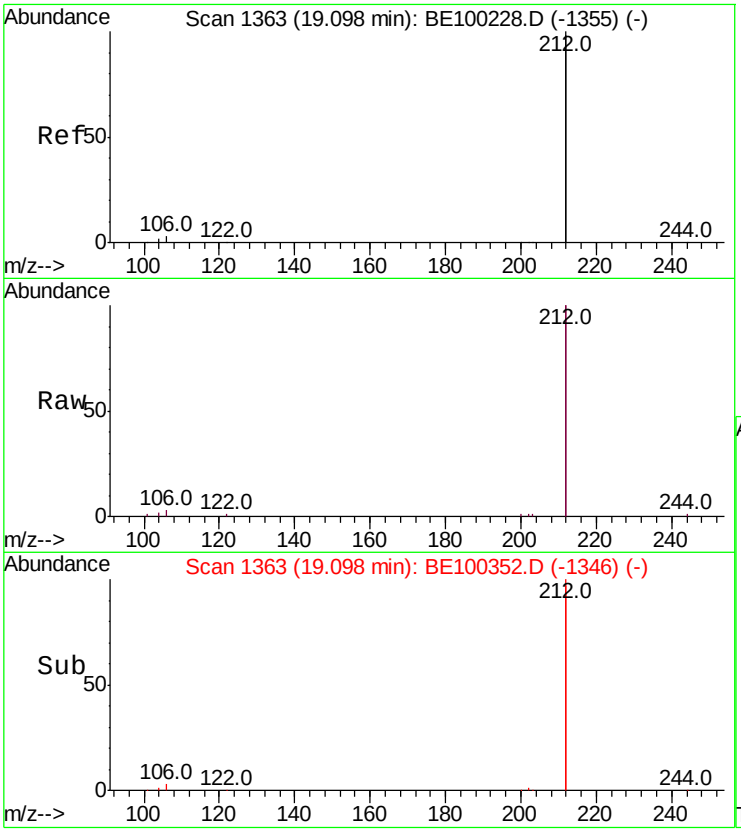


#24
Anthracene
Concen: 0.407 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:178 Resp: 4024

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.1	12.2	18.2



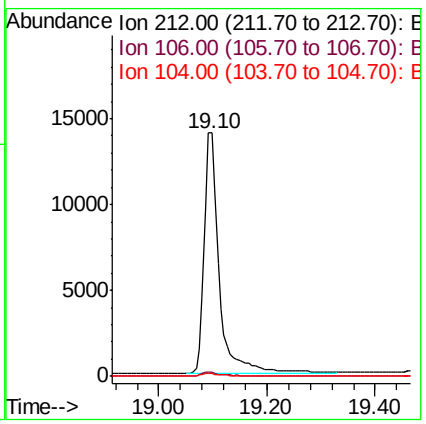


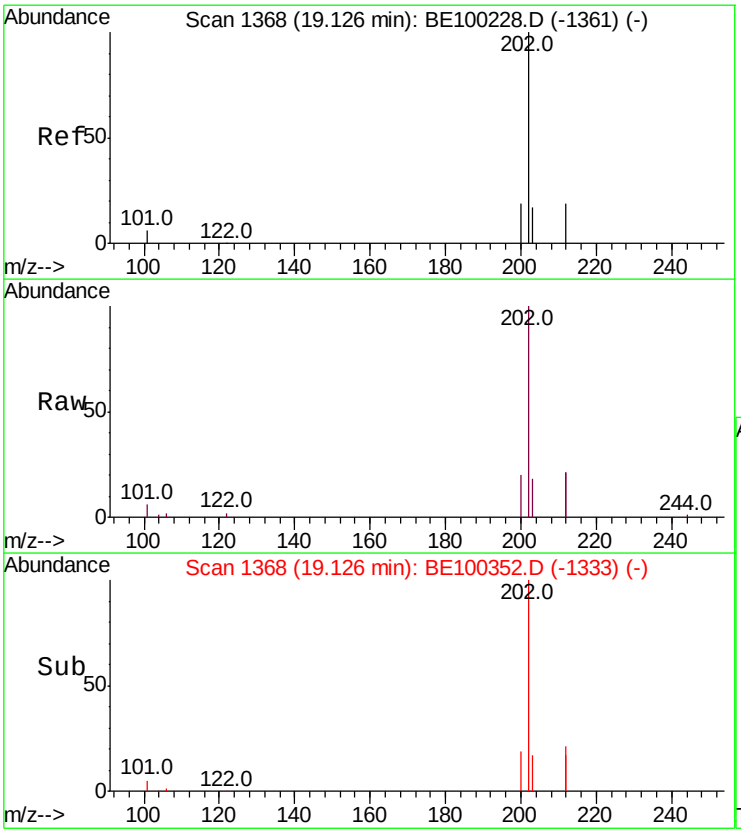
#25
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 26839

Ion	Ratio	Lower	Upper
212	100		
106	1.4	1.3	1.9
104	0.9	0.8	1.2

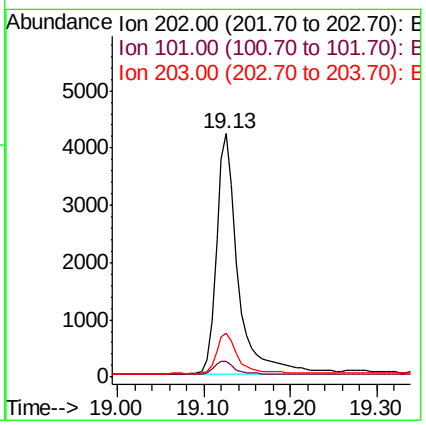


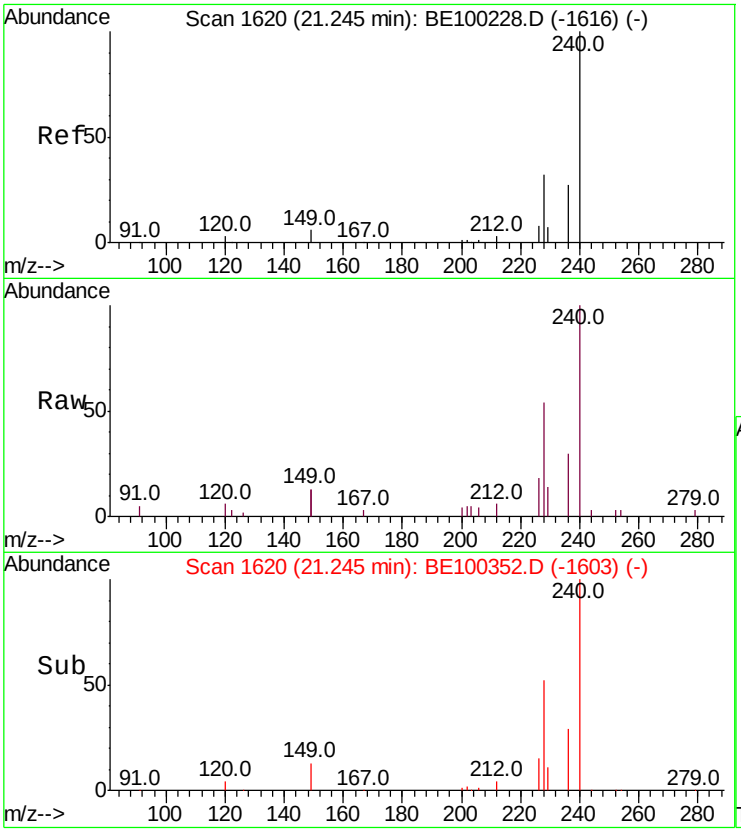


#26
Fluoranthene
Concen: 0.418 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:202 Resp: 7300

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	7.0
203	17.0	13.7	20.5



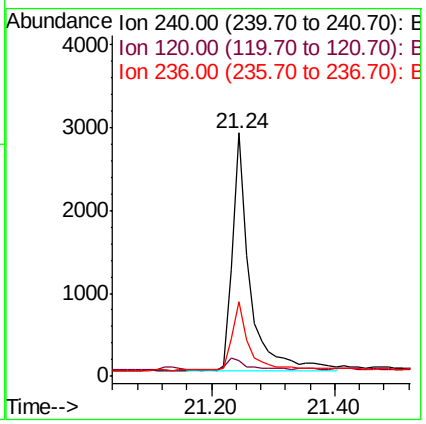


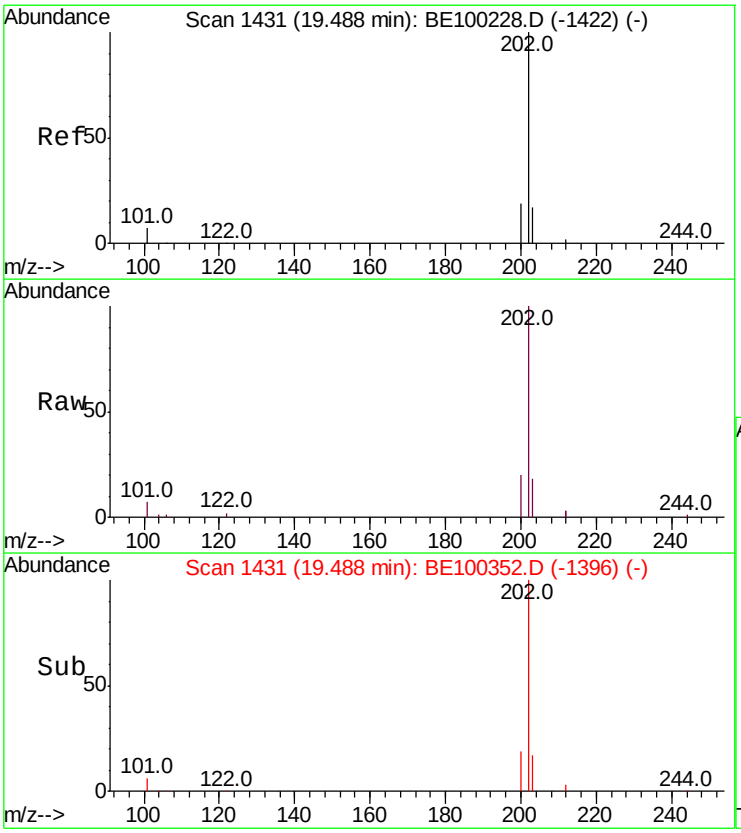
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 5494

Ion	Ratio	Lower	Upper
240	100		
120	6.3	3.3	4.9#
236	30.4	22.6	34.0

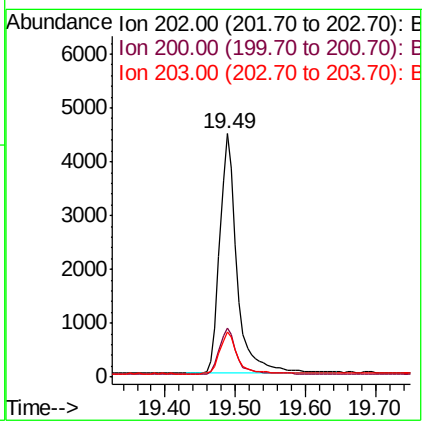


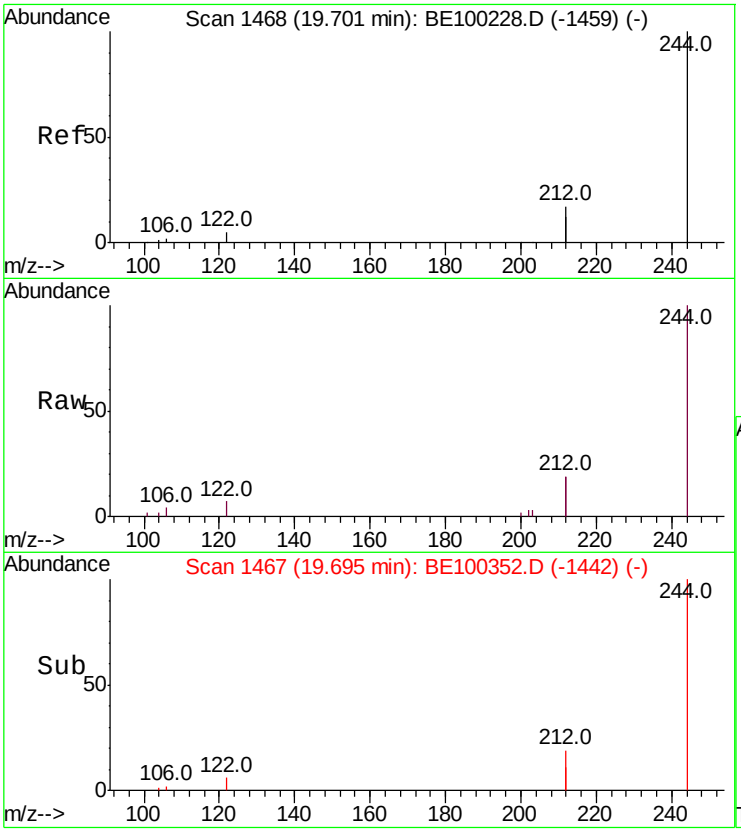


#28
Pyrene
Concen: 0.522 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:202 Resp: 7589

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	18.1	14.0	21.0



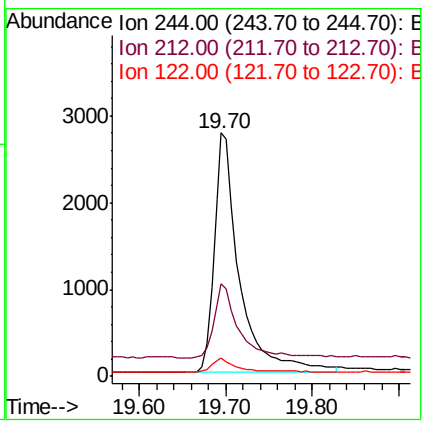


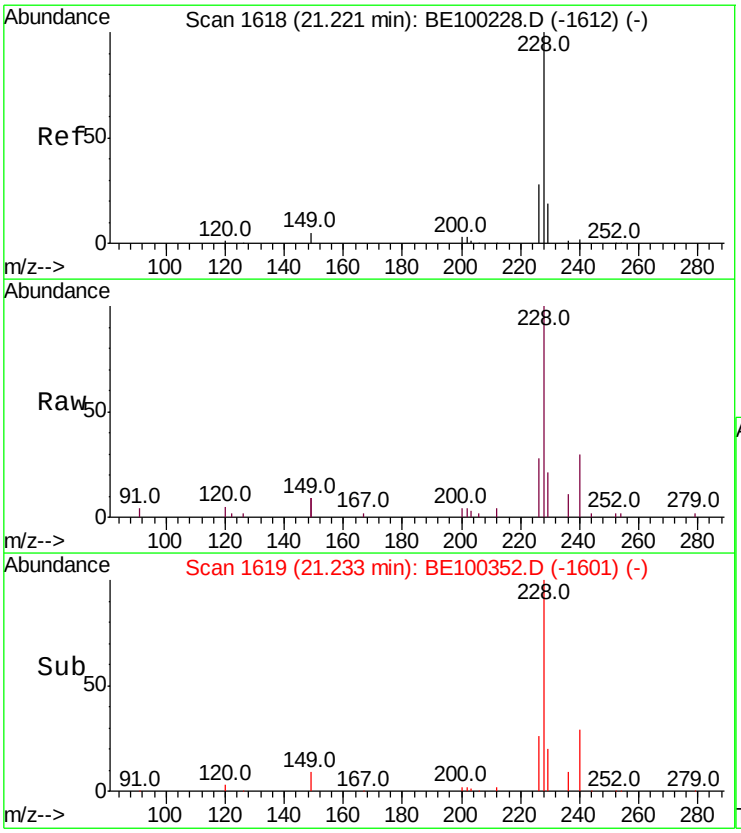
#29
Terphenyl-d14
Concen: 0.490 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 5584

Ion	Ratio	Lower	Upper
244	100		
212	38.0	27.3	40.9
122	7.3	4.7	7.1#

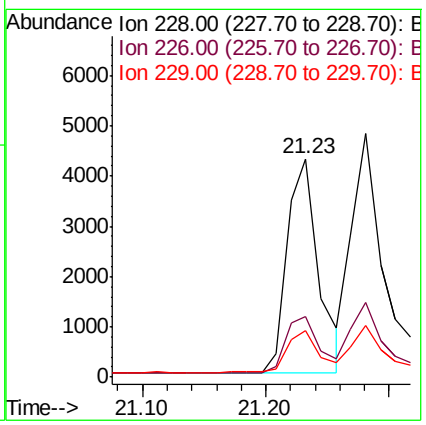


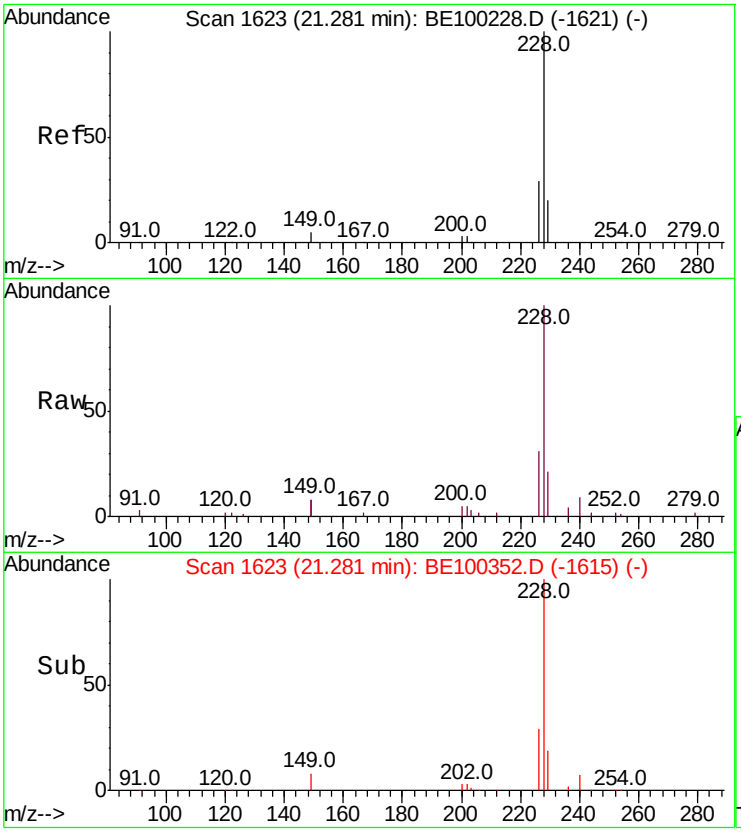


#30
Benzo(a)anthracene
Concen: 0.423 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:228 Resp: 7650

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.2	34.8
229	21.4	15.7	23.5



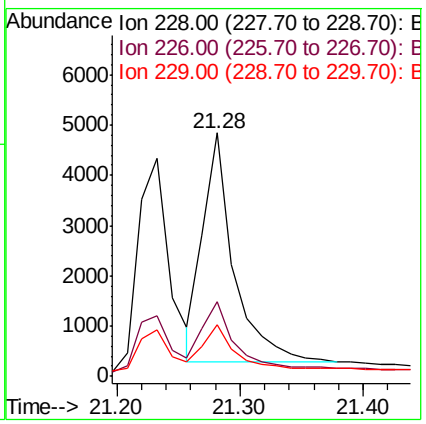


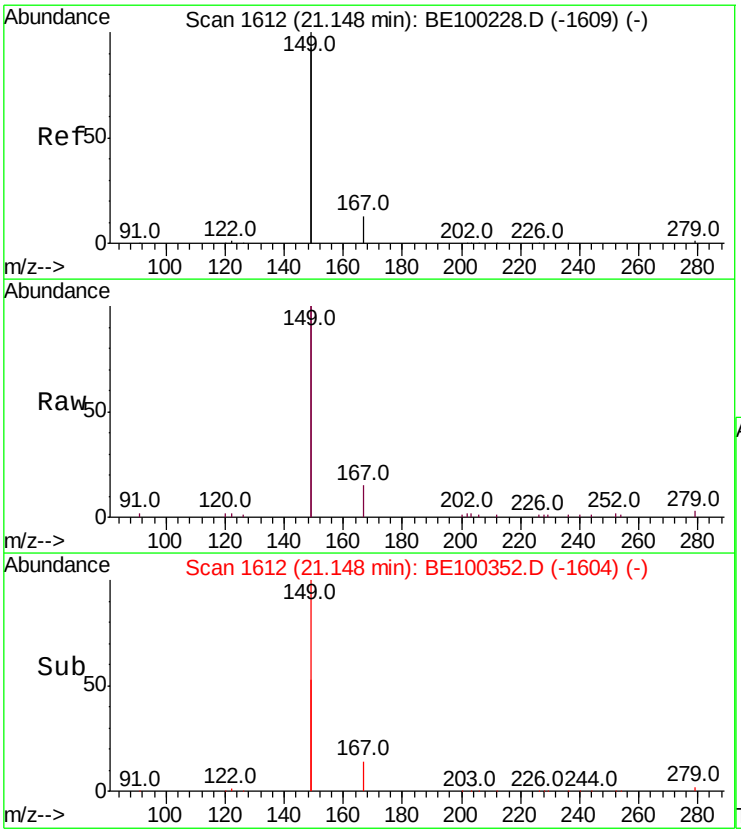
#31
Chrysene
Concen: 0.442 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 8014

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	21.1	16.5	24.7

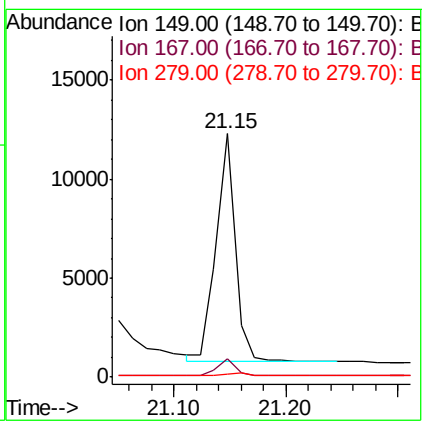


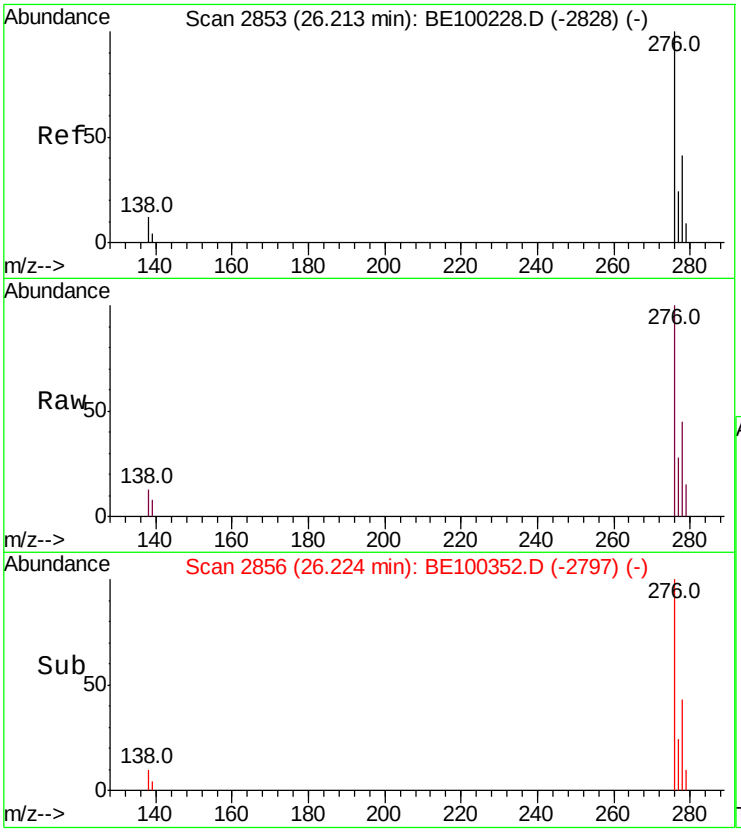


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.480 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:149 Resp: 13727

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.8
279	1.5	1.1	1.7



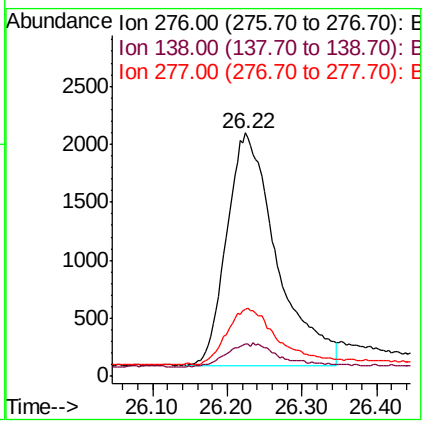


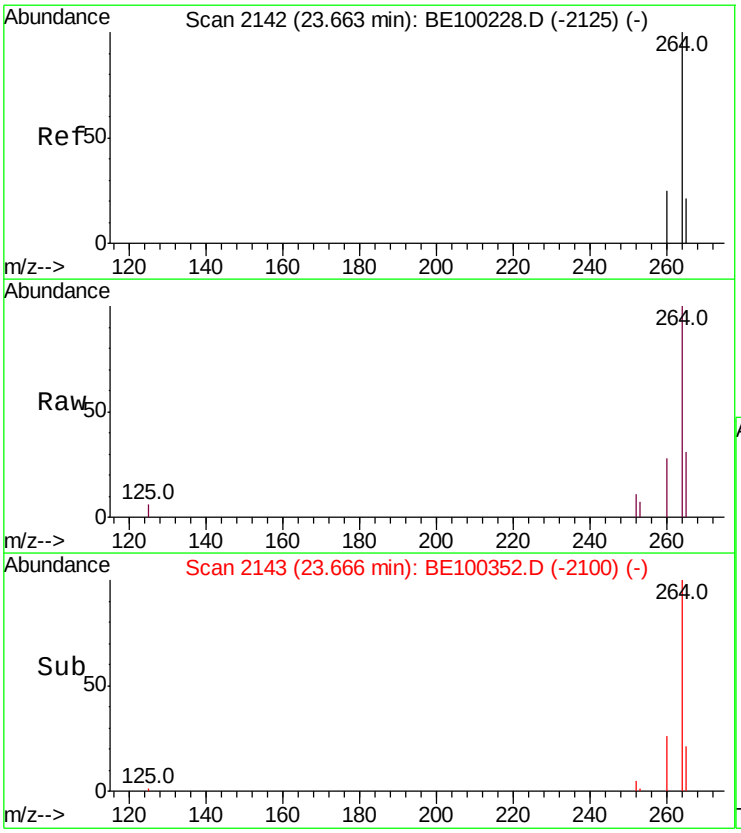
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng
RT: 26.22 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9275

Ion	Ratio	Lower	Upper
276	100		
138	5.2	9.4	14.0#
277	24.3	19.2	28.8

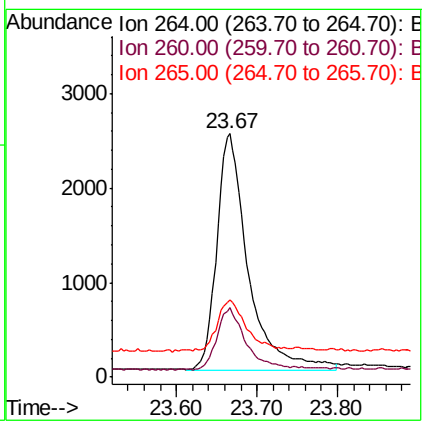


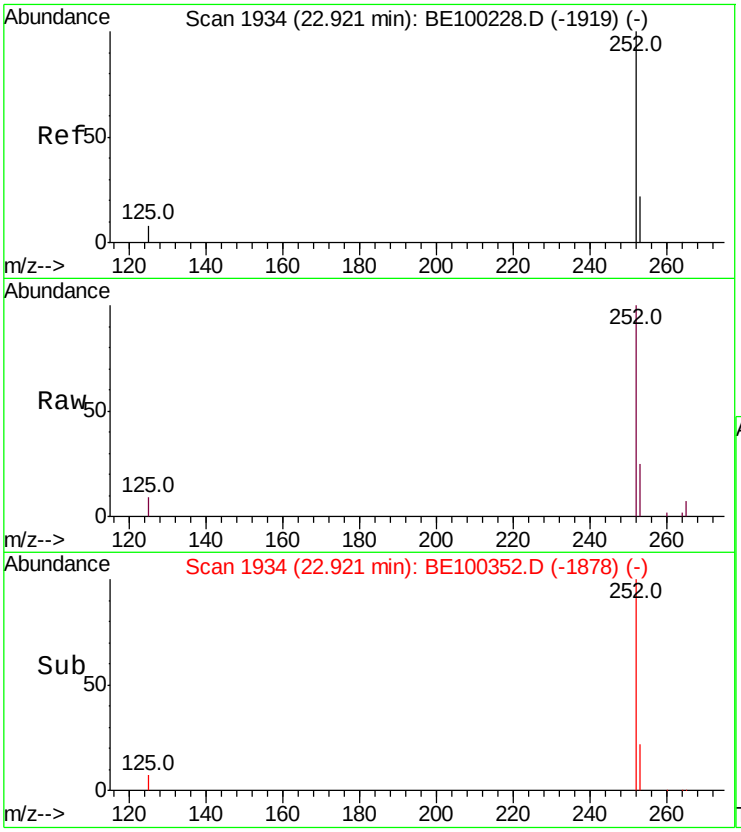


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:264 Resp: 6724

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.8	31.2
265	31.5	21.8	32.6



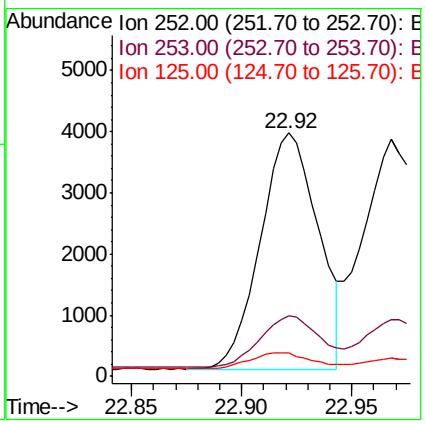


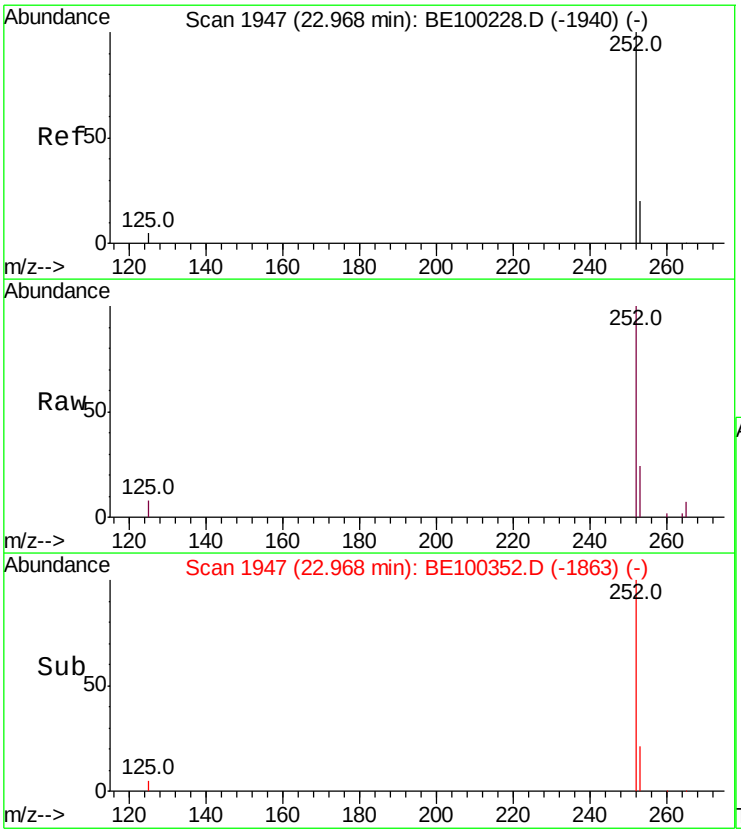
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7035

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.2	28.8
125	9.5	7.4	11.0

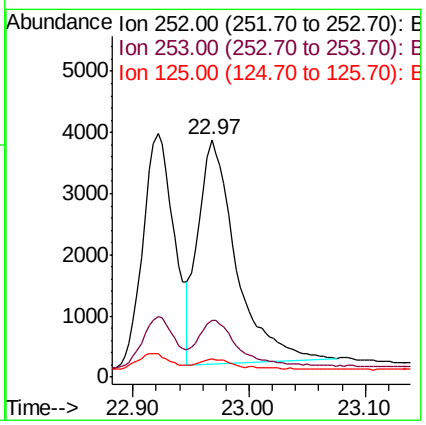


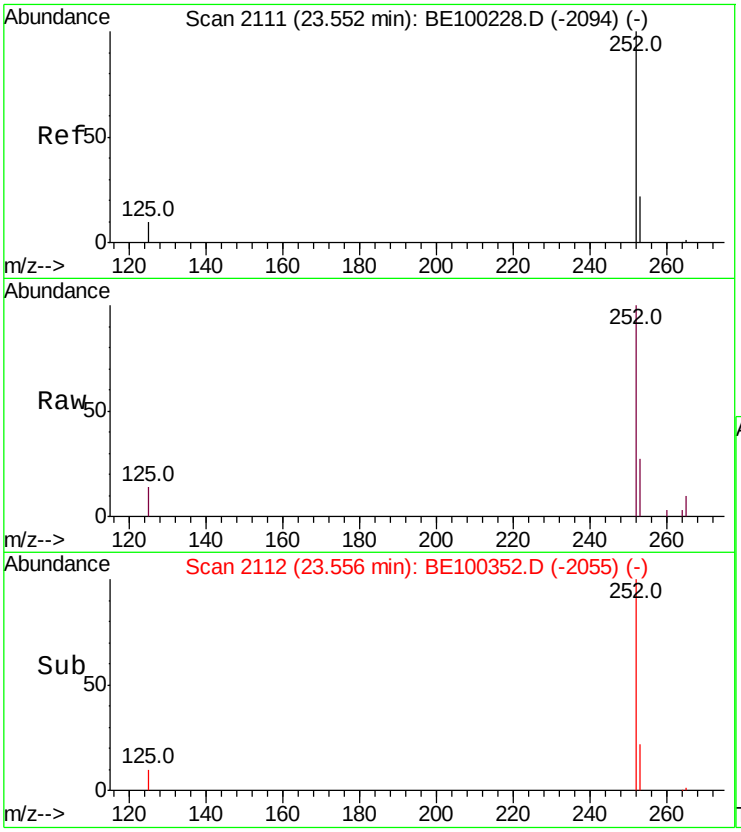


#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 22.97 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:252 Resp: 8367

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	7.6	5.0	7.4#



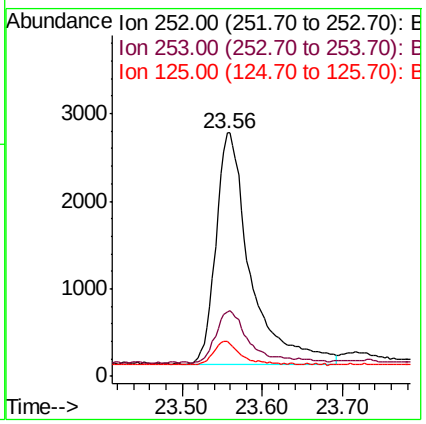


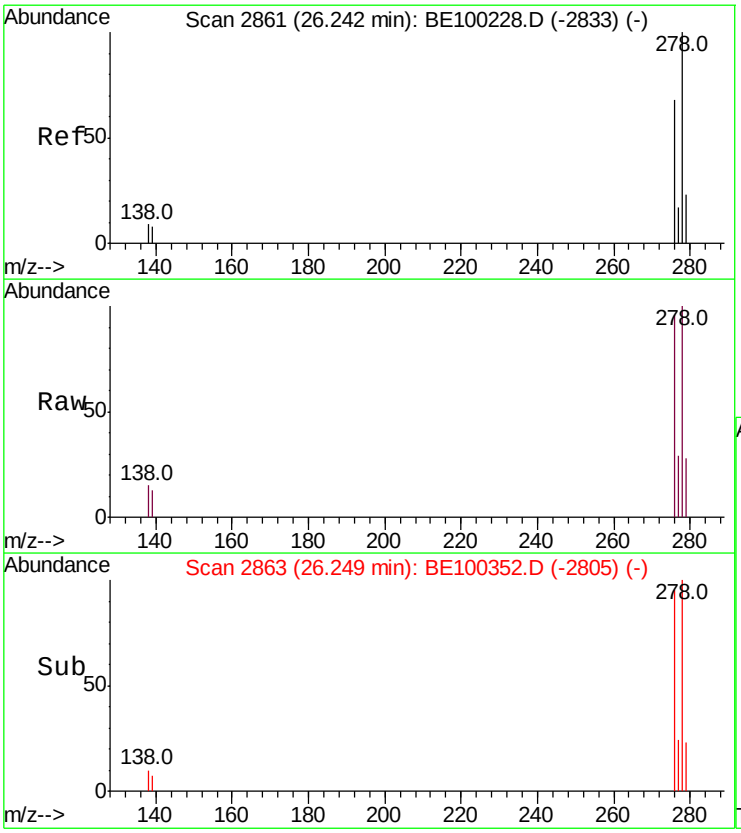
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.56 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7804

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.6	29.4
125	14.3	9.0	13.6#

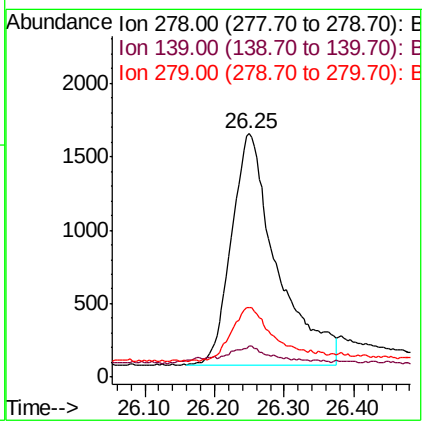


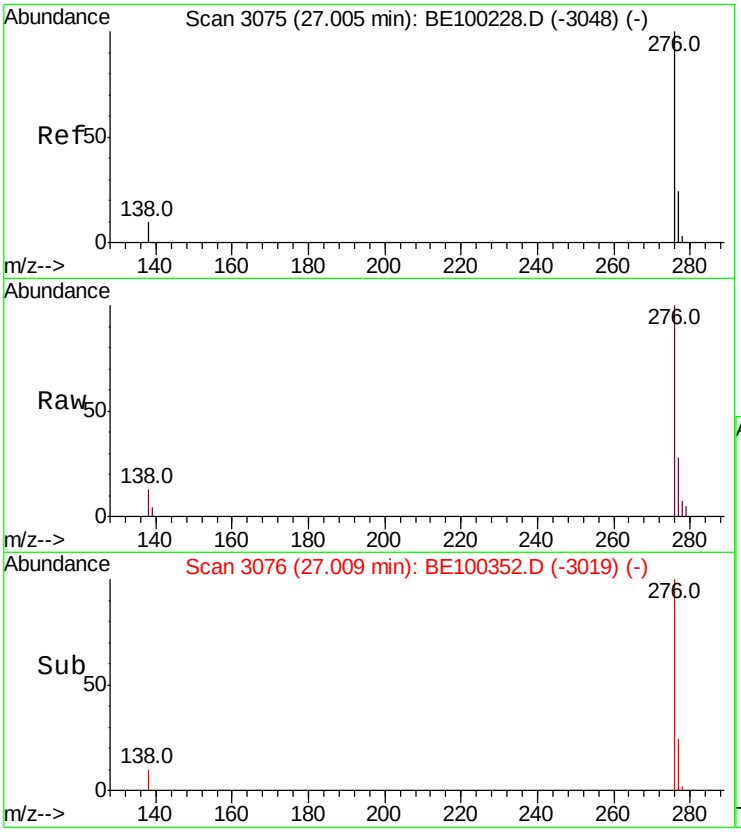


#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.25 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:278 Resp: 7081

Ion	Ratio	Lower	Upper
278	100		
139	12.5	8.2	12.2#
279	28.3	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 0.442 ng
RT: 27.01 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8666

Ion	Ratio	Lower	Upper
276	100		
277	27.6	20.2	30.2
138	13.2	9.0	13.6