Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100201.D
Acq On : 27 Jun 2019 12:04
Operator : JU/SJ
Sample : K3428-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 27 18:52:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	685	0.40	ng		-0.01
7) Naphthalene-d8	10.46	136	2151	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	1757	0.40	ng		-0.01
19) Phenanthrene-d10	17.07	188	5557	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	7791	0.40	ng		-0.04
34) Perylene-d12	23.67	264	8801	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	442	0.29	ng		0.00
5) Phenol-d6	6.84	99	685	0.33	ng		-0.04
8) Nitrobenzene-d5	8.86	82	674	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	12.07	152	1534	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	231	0.23	ng		-0.01
15) 2-Fluorobiphenyl	12.96	172	2039	0.29	ng		-0.01
25) Fluoranthene-d10	19.10	212	30857	0.39	ng		-0.03
29) Terphenyl-d14	19.70	244	5296	0.35	ng		-0.03
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.52	42	29	0.073	ng	#	1
9) Naphthalene	10.51	128	557	0.024	ng	#	69
12) 2-Methylnaphthalene	12.15	142	81	0.021	ng	#	79
16) Acenaphthylene	14.05	152	339	0.040	ng		95
18) Fluorene	15.38	166	161	0.023	ng		84
22) Pentachlorophenol	16.77	266	110	0.358	ng		98
23) Phenanthrene	17.11	178	3589	0.273	ng		98
24) Anthracene	17.20	178	547	0.049	ng	#	93
26) Fluoranthene	19.13	202	6730	0.314	ng		99
28) Pyrene	19.49	202	7463	0.374	ng		97
30) Benzo(a)anthracene	21.23	228	4790	0.209	ng		94
31) Chrysene	21.28	228	5094	0.189	ng		97
32) Bis(2-ethylhexyl)phthalate	21.16	149	14357	0.544	ng		98
33) Indeno(1,2,3-cd)pyrene	26.23	276	3010	0.078	ng	#	99
35) Benzo(b)fluoranthene	22.93	252	5281	0.223	ng	#	84
36) Benzo(k)fluoranthene	22.93	252	5281	0.186	ng	#	83
37) Benzo(a)pyrene	23.56	252	3678	0.150	ng	#	83
38) Dibenzo(a,h)anthracene	26.25	278	1195	0.046	ng	#	69
39) Benzo(g,h,i)perylene	27.01	276	3245	0.118	ng	#	91

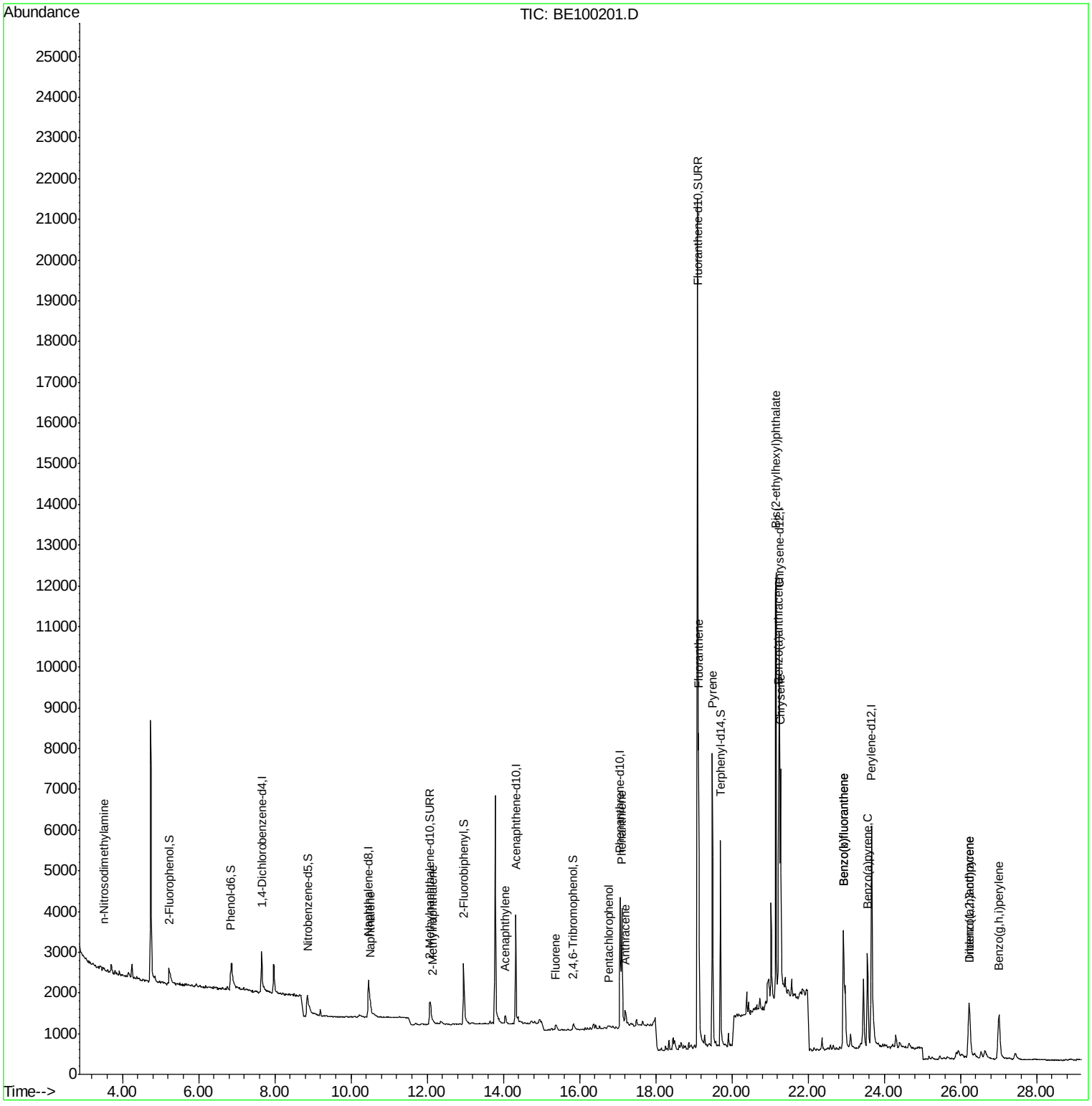
(#) = qualifier out of range (m) = manual integration (+) = signals summed

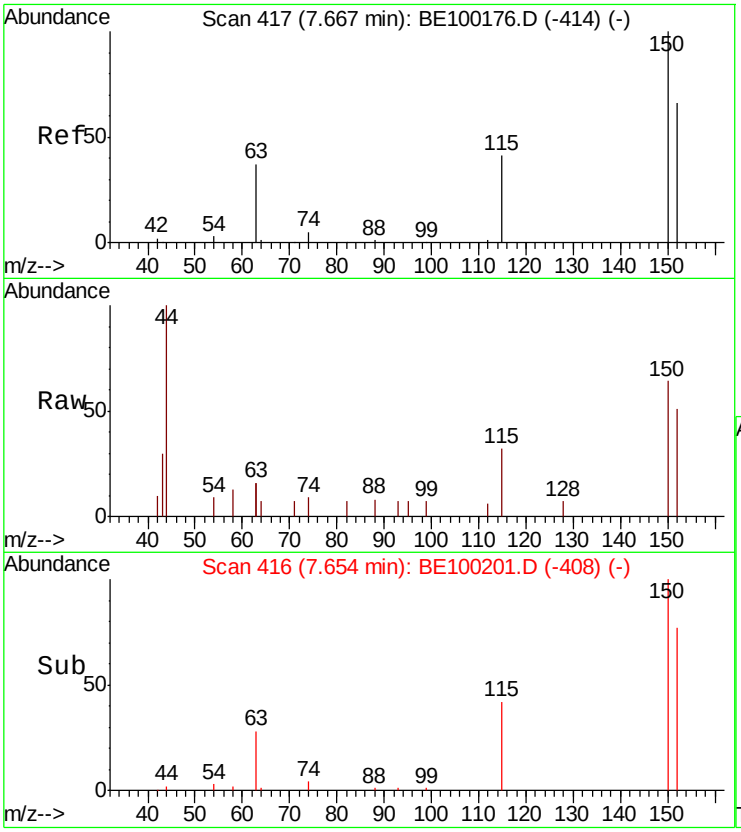
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100201.D
Acq On : 27 Jun 2019 12:04
Operator : JU/SJ
Sample : K3428-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 27 18:52:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration



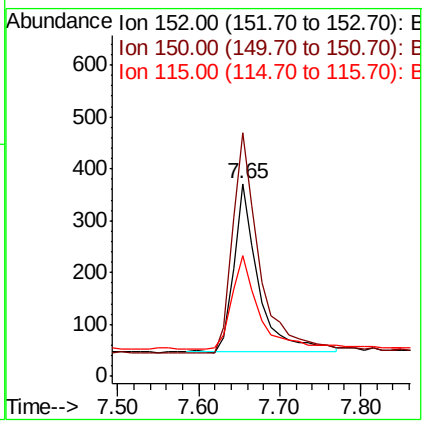


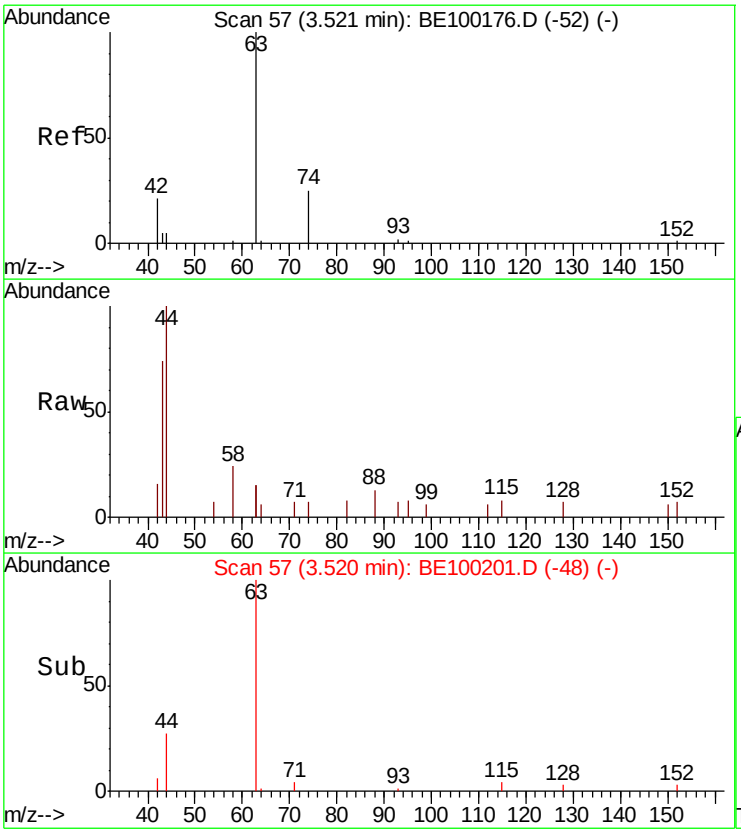
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 685

Ion	Ratio	Lower	Upper
152	100		
150	126.1	113.4	170.2
115	62.6	55.8	83.6

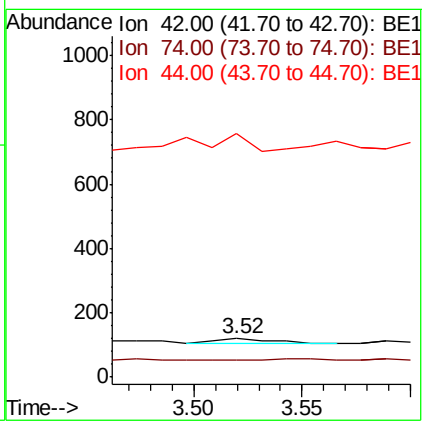


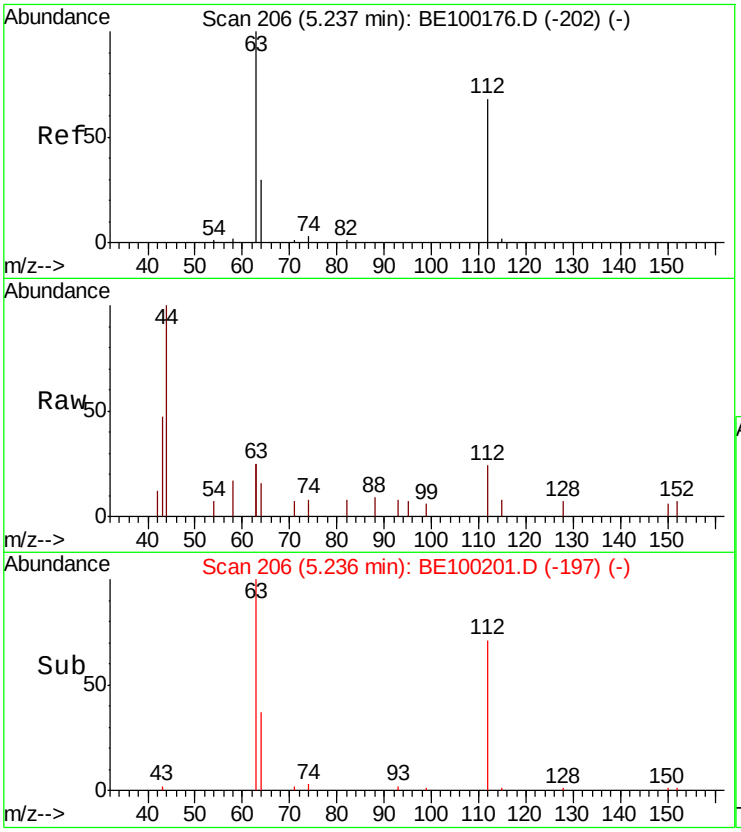


#3
n-Nitrosodimethylamine
Concen: 0.073 ng
RT: 3.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion: 42 Resp: 29

Ion	Ratio	Lower	Upper
42	100		
74	0.0	193.2	289.8#
44	210.3	114.5	171.7#



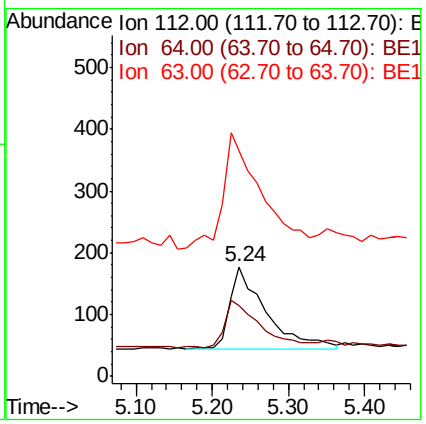


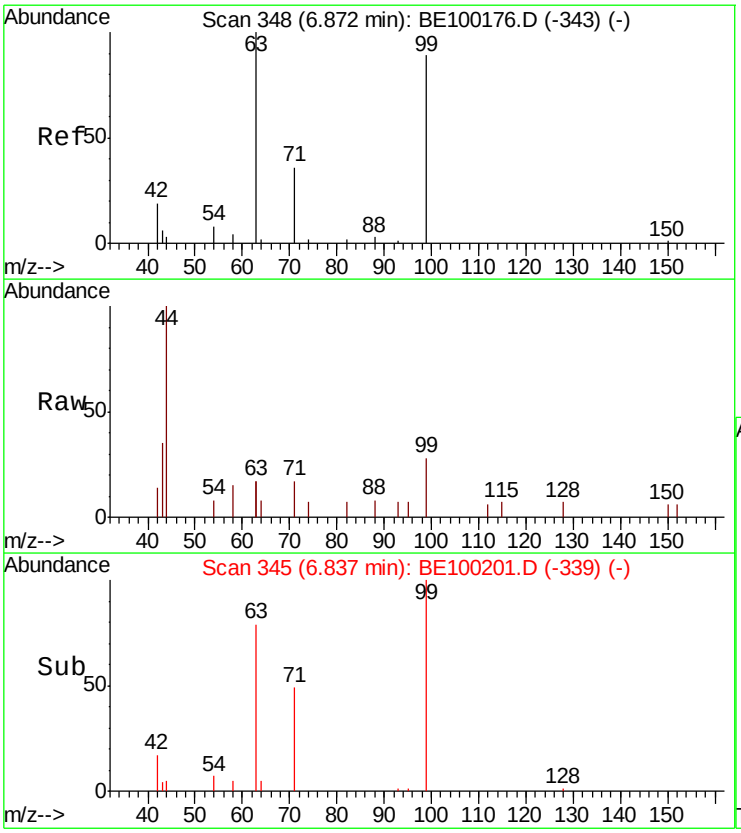
#4
2-Fluorophenol
Concen: 0.290 ng
RT: 5.24 min Scan# 206
Delta R.T. -0.00 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 442

Ion	Ratio	Lower	Upper
112	100		
64	56.8	40.7	61.1
63	150.5	93.2	139.8#

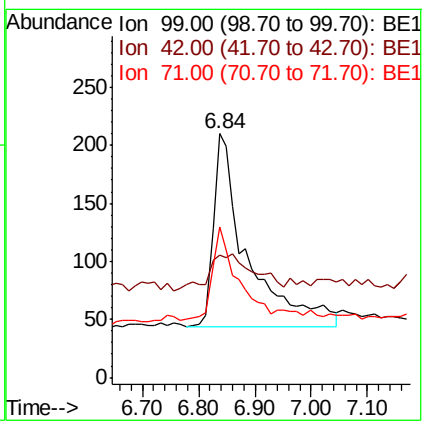


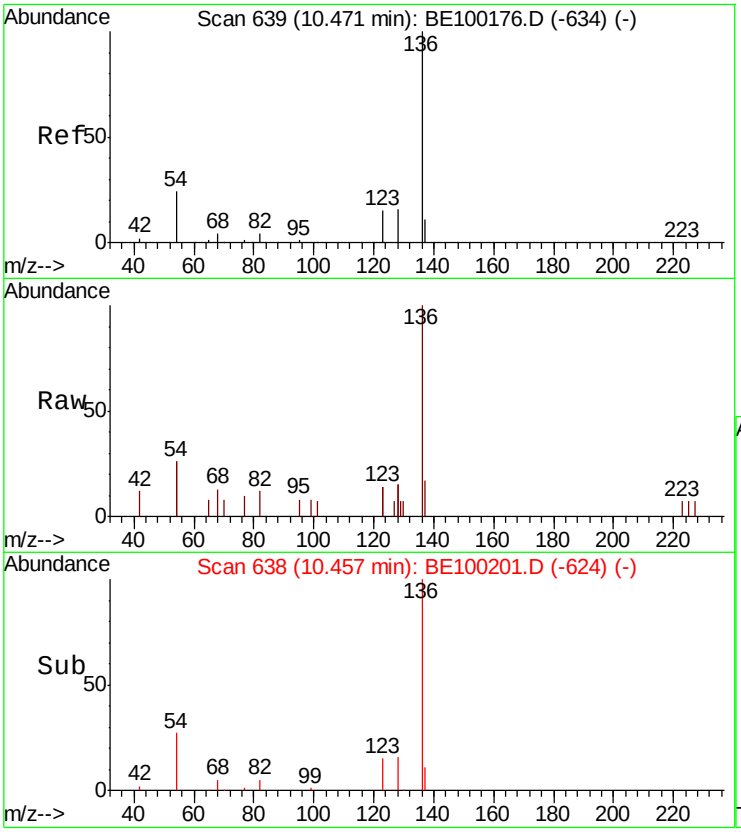


#5
Phenol-d6
Concen: 0.327 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.04 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion: 99 Resp: 685

Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.4	15.6#
71	35.8	32.4	48.6



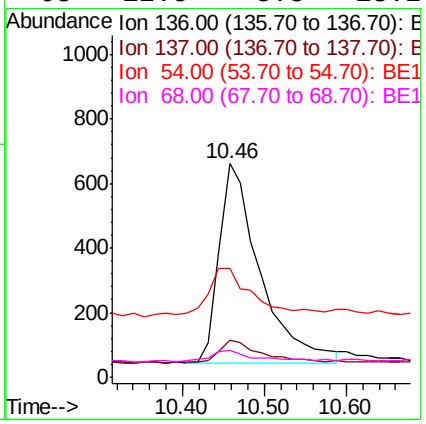


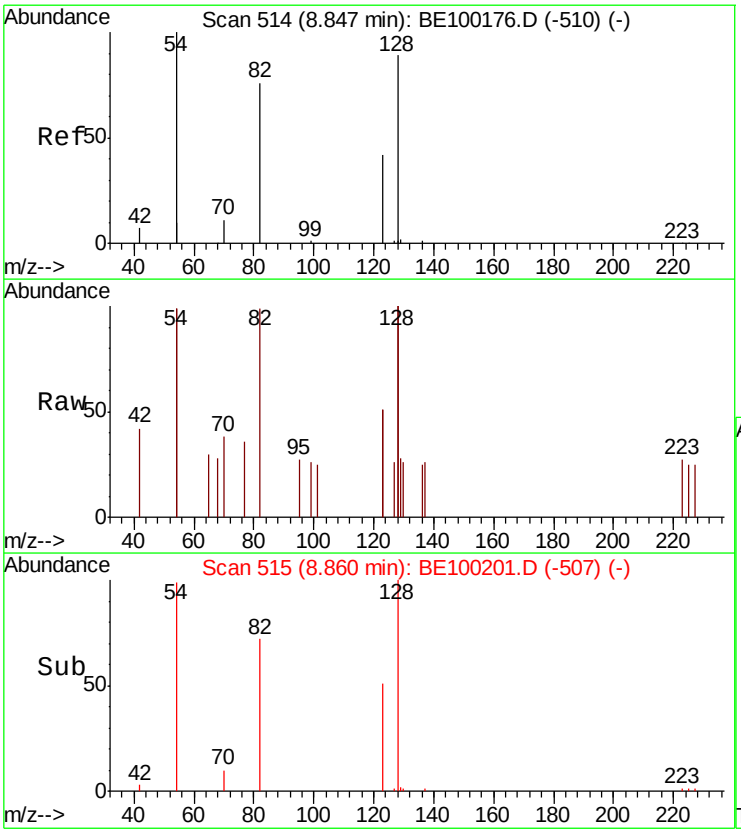
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2151

Ion	Ratio	Lower	Upper
136	100		
137	17.2	13.8	20.8
54	51.1	35.4	53.2
68	12.5	8.8	13.2

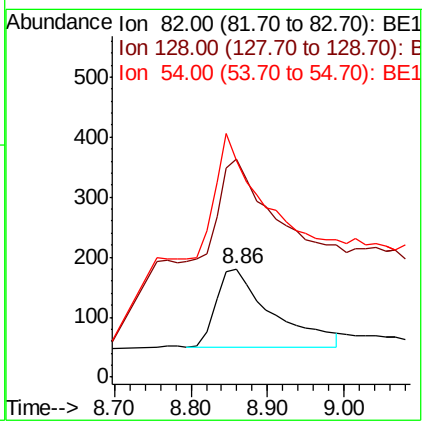


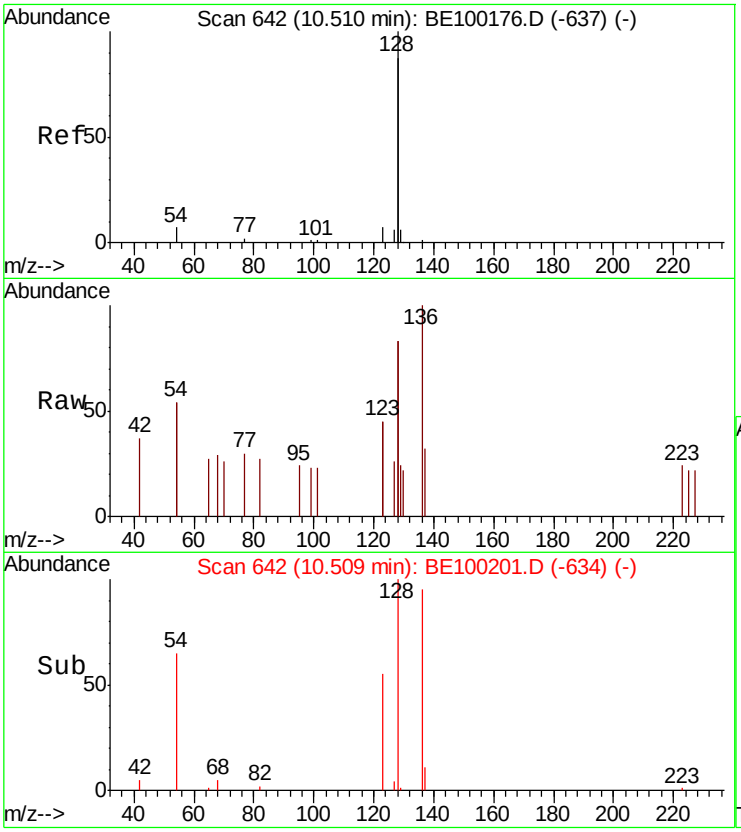


#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.86 min Scan# 515
Delta R.T. 0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion: 82 Resp: 674

Ion	Ratio	Lower	Upper
82	100		
128	202.2	144.6	217.0
54	201.1	163.0	244.6



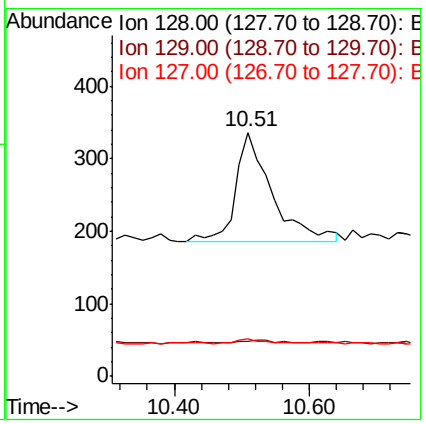


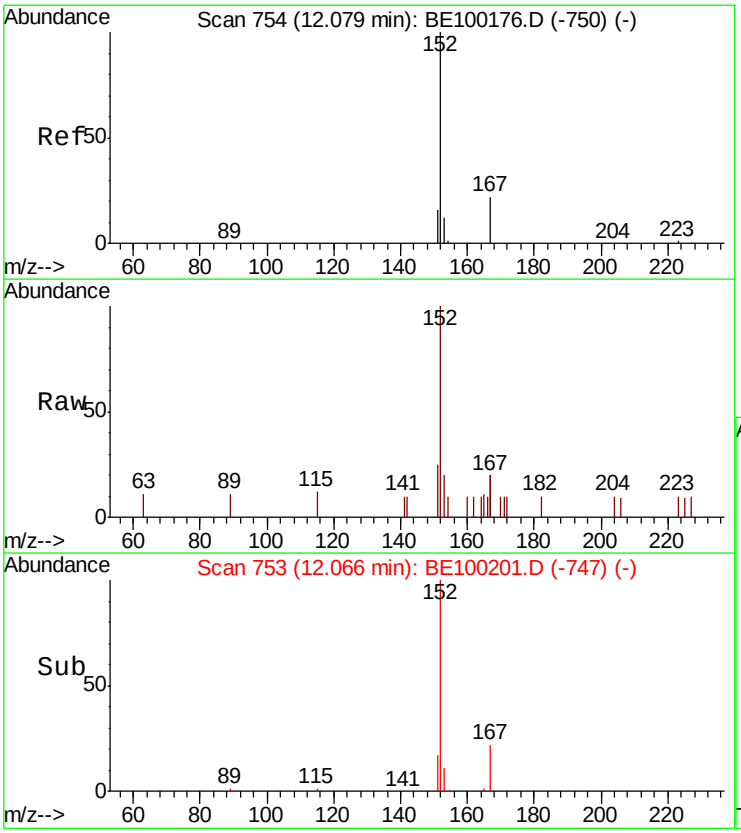
#9
Naphthalene
Concen: 0.024 ng
RT: 10.51 min Scan# 642
Delta R.T. -0.00 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 557

Ion	Ratio	Lower	Upper
128	100		
129	14.3	3.6	5.4#
127	15.5	3.8	5.8#

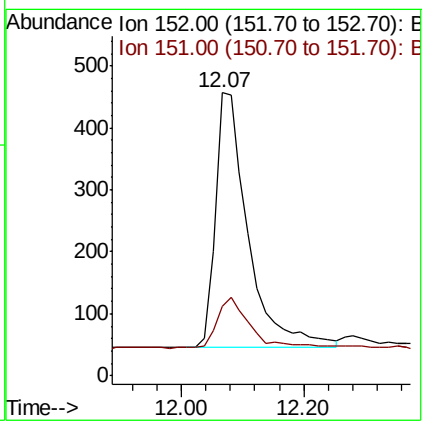


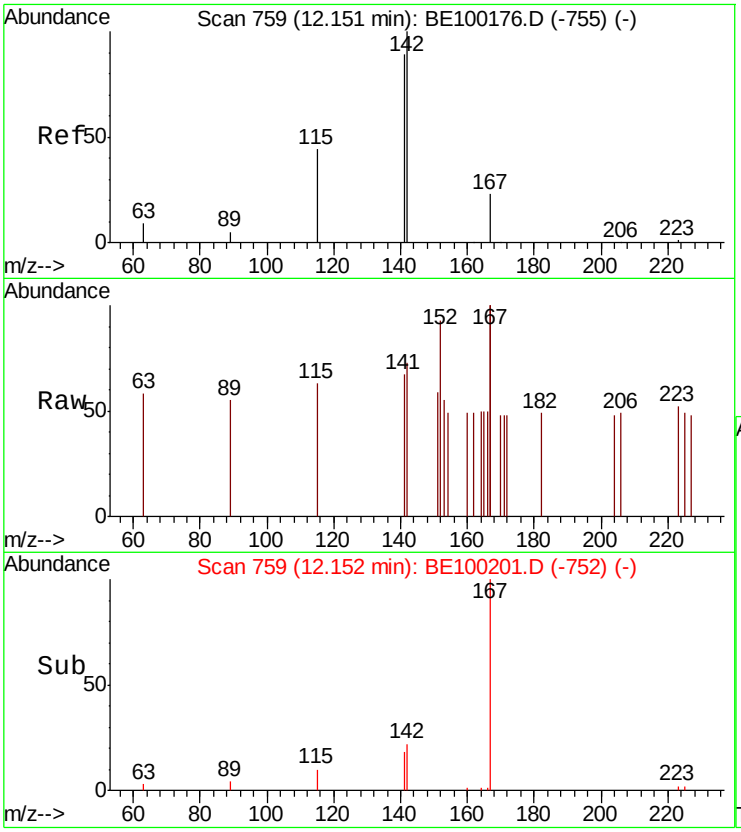


#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.07 min Scan# 753
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:152 Resp: 1534

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5



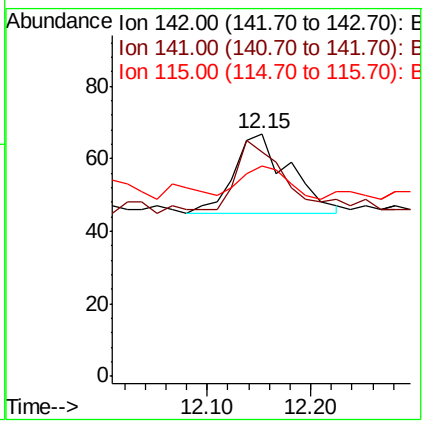


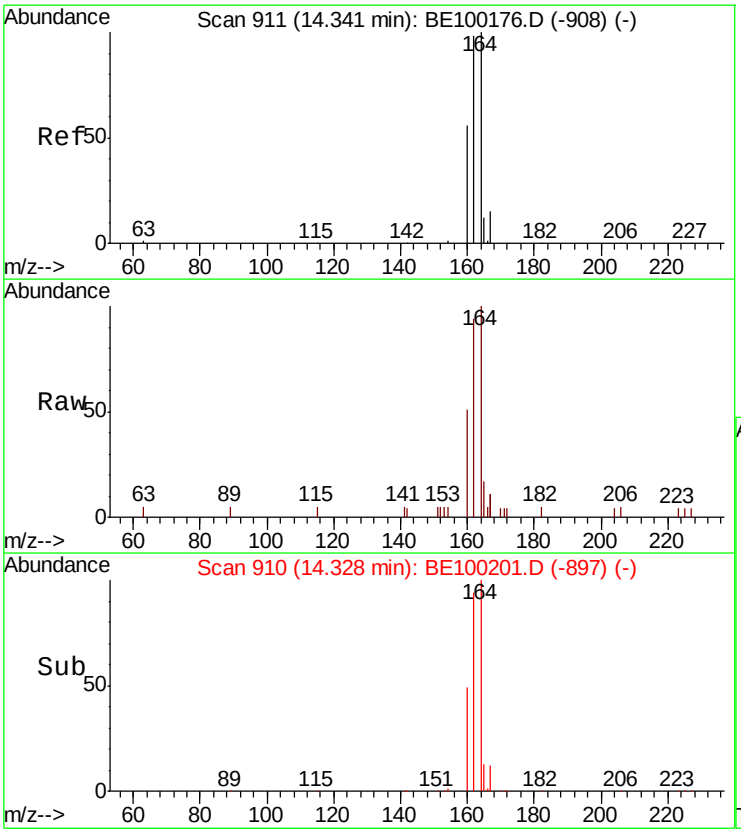
#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 81

Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.8	107.8
115	86.6	40.4	60.6#

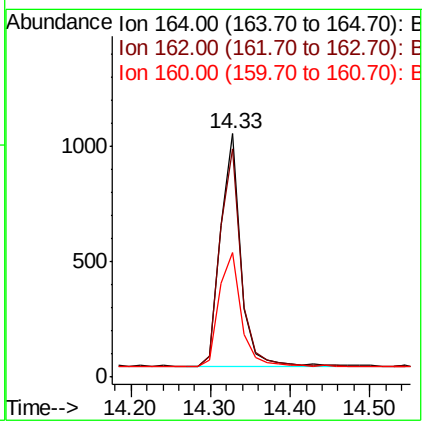


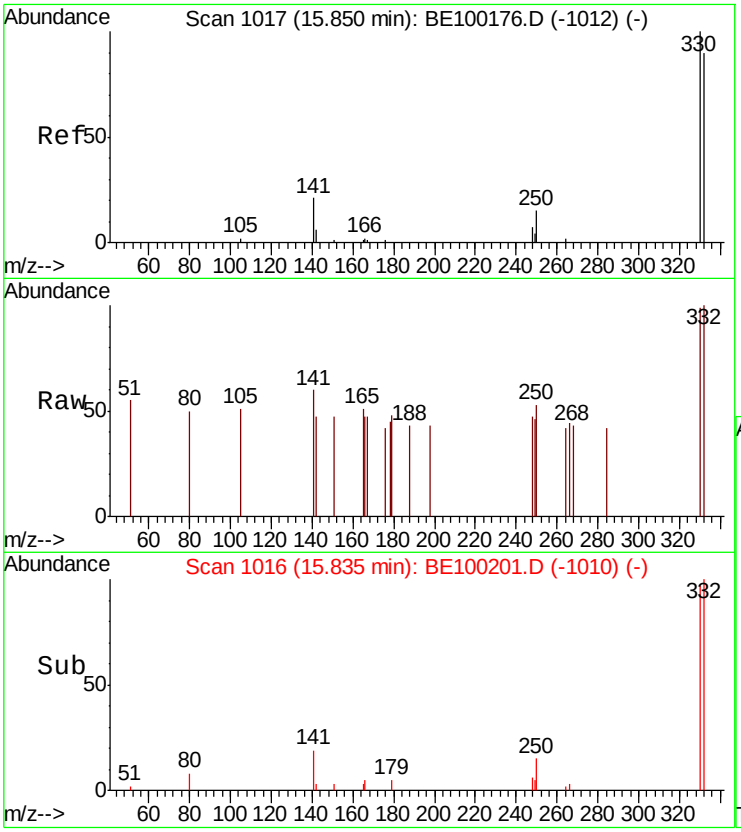


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:164 Resp: 1757

Ion	Ratio	Lower	Upper
164	100		
162	93.7	78.6	118.0
160	51.3	46.9	70.3



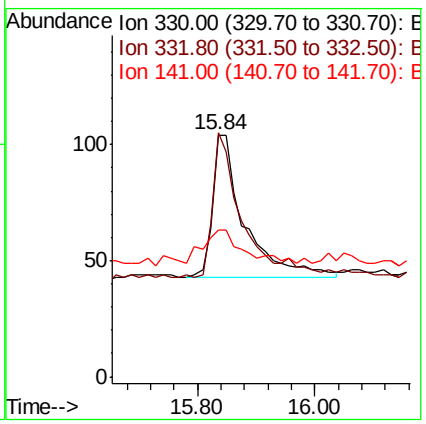


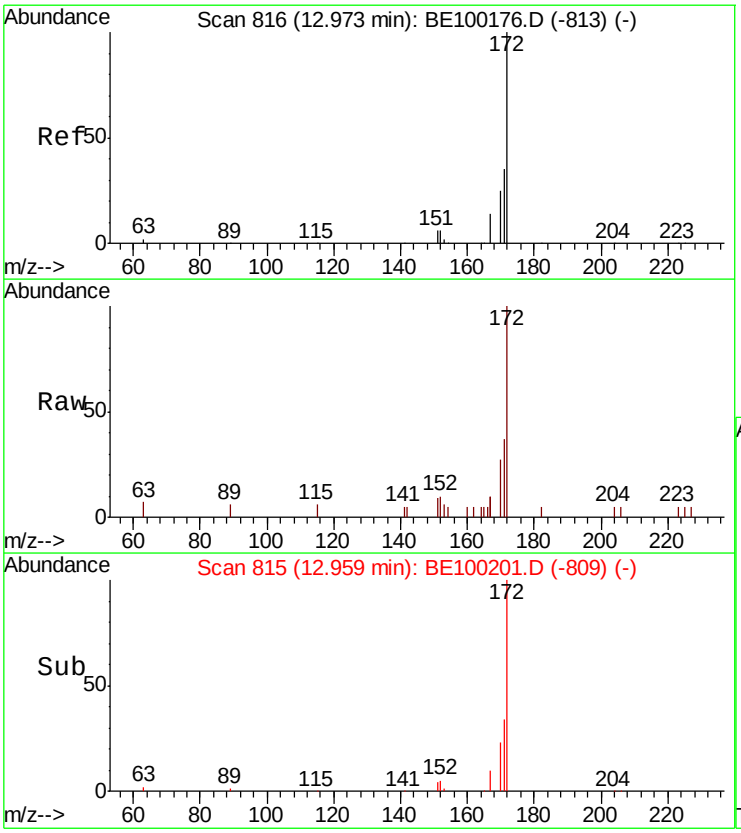
#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 231

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.7	116.5
141	27.7	18.9	28.3

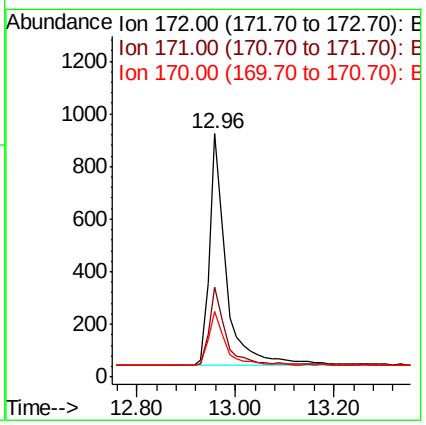


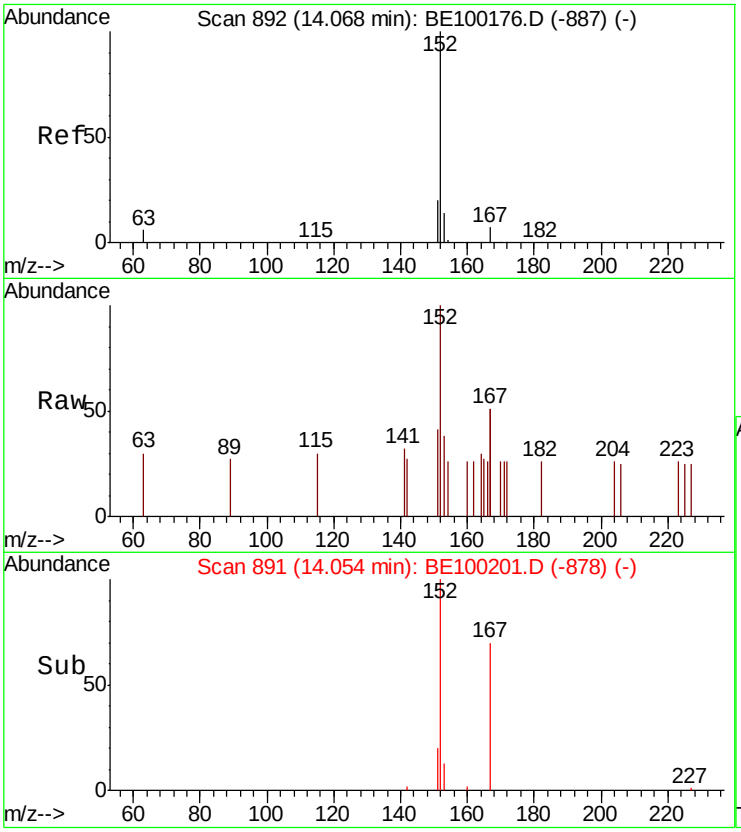


#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.96 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:172 Resp: 2039

Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	26.7	23.9	35.9



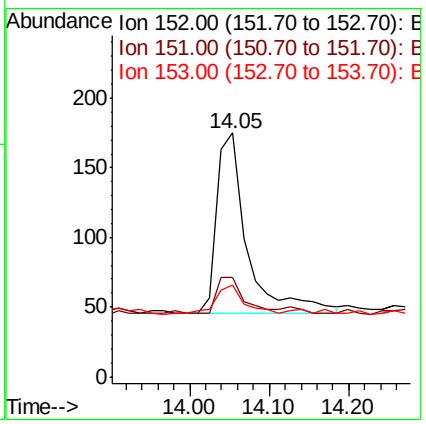


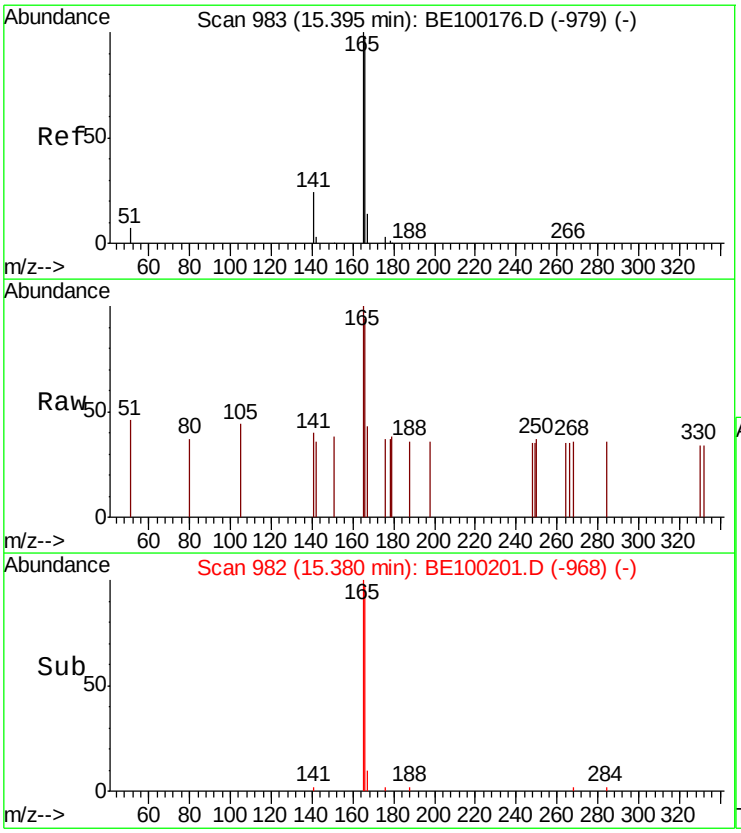
#16
Acenaphthylene
Concen: 0.040 ng
RT: 14.05 min Scan# 891
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 339

Ion	Ratio	Lower	Upper
152	100		
151	17.1	15.4	23.0
153	15.3	10.8	16.2

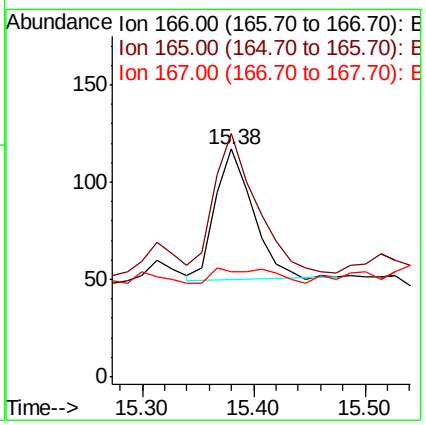


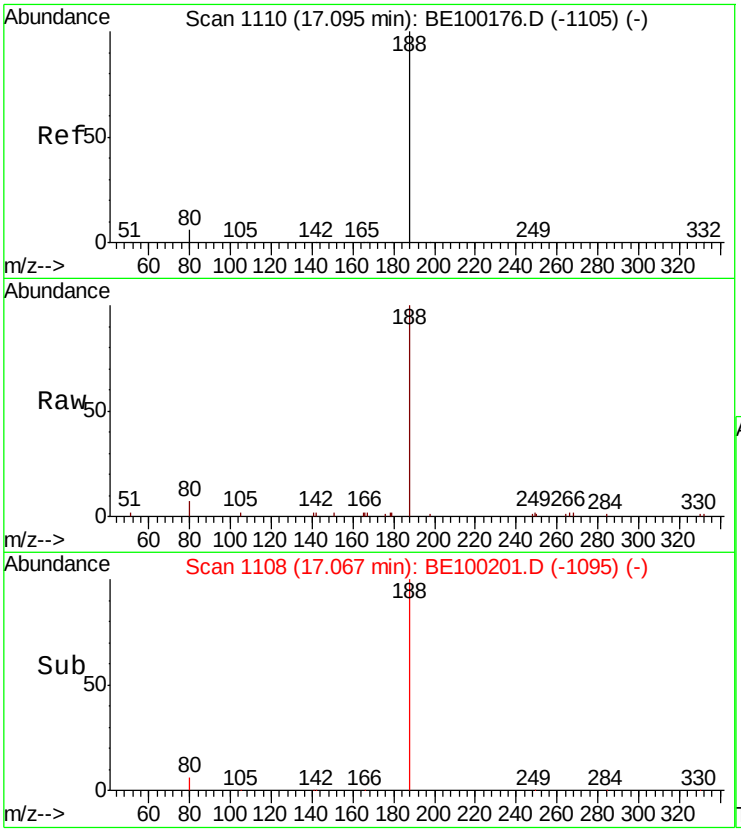


#18
Fluorene
Concen: 0.023 ng
RT: 15.38 min Scan# 982
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:166 Resp: 161

Ion	Ratio	Lower	Upper
166	100		
165	118.6	81.0	121.4
167	16.8	11.4	17.0



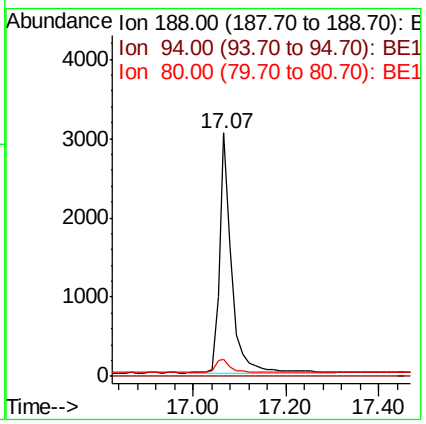


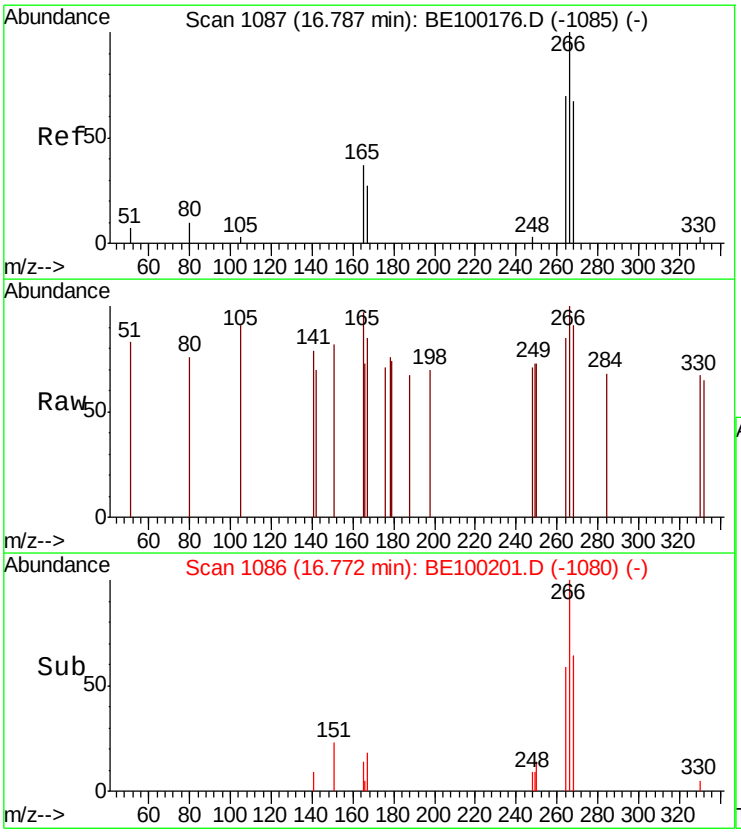
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5557

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.4	9.6

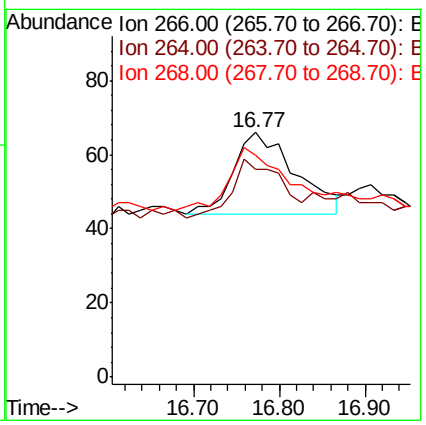


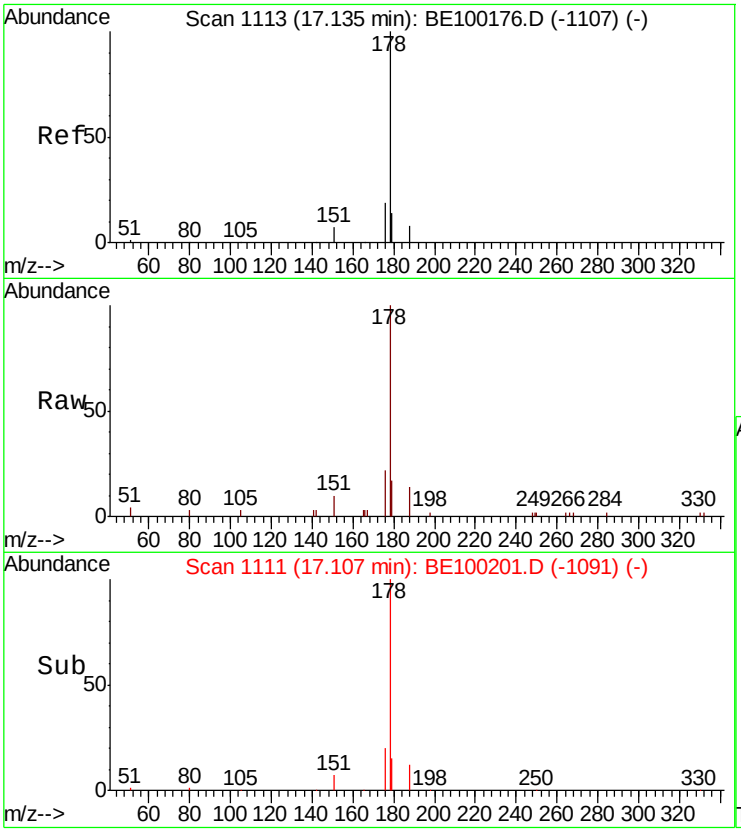


#22
Pentachlorophenol
Concen: 0.358 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:266 Resp: 110

Ion	Ratio	Lower	Upper
266	100		
264	84.8	67.7	101.5
268	90.9	69.8	104.6



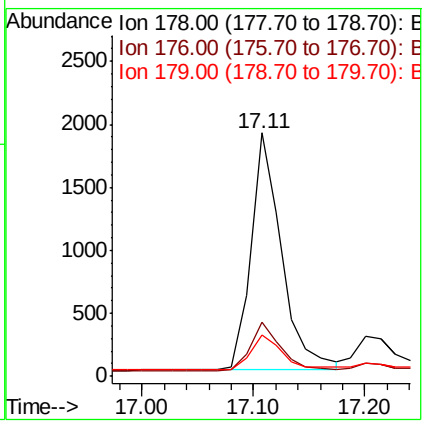


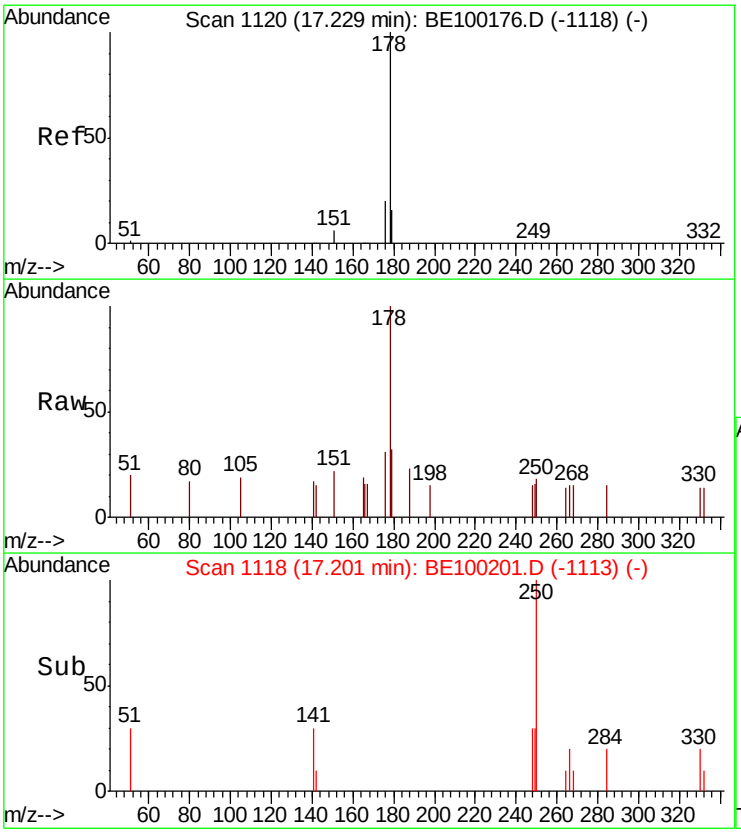
#23
Phenanthrene
Concen: 0.273 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3589

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	15.8	12.2	18.2

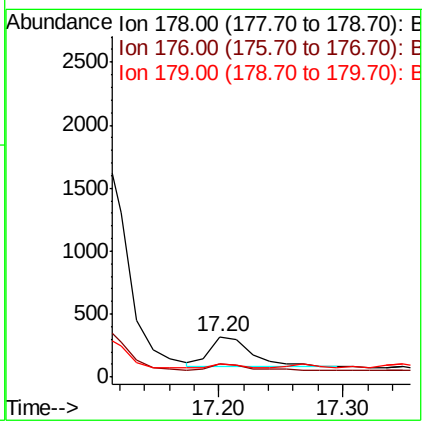


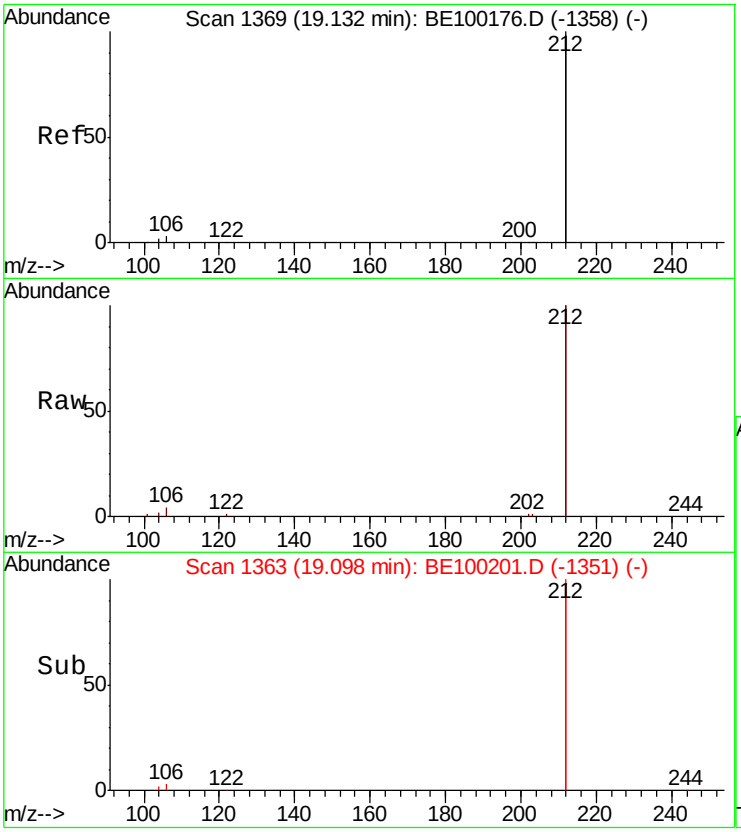


#24
Anthracene
Concen: 0.049 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:178 Resp: 547

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	9.9	12.9	19.3#



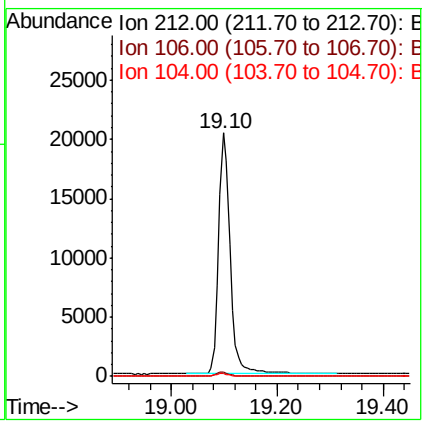


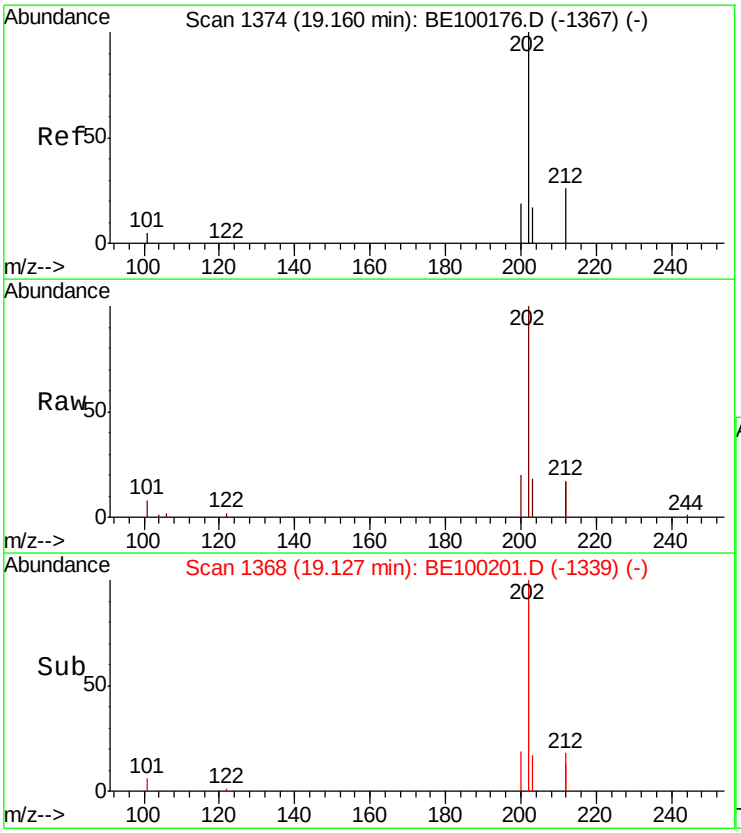
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30857

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.0	0.7	1.1

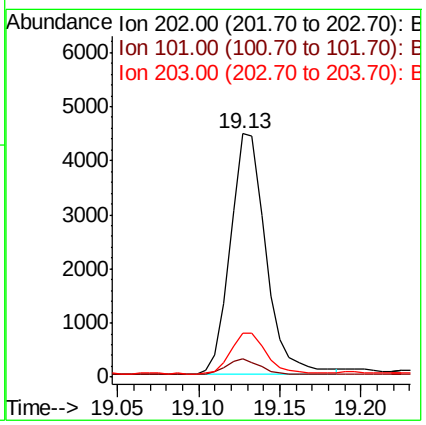


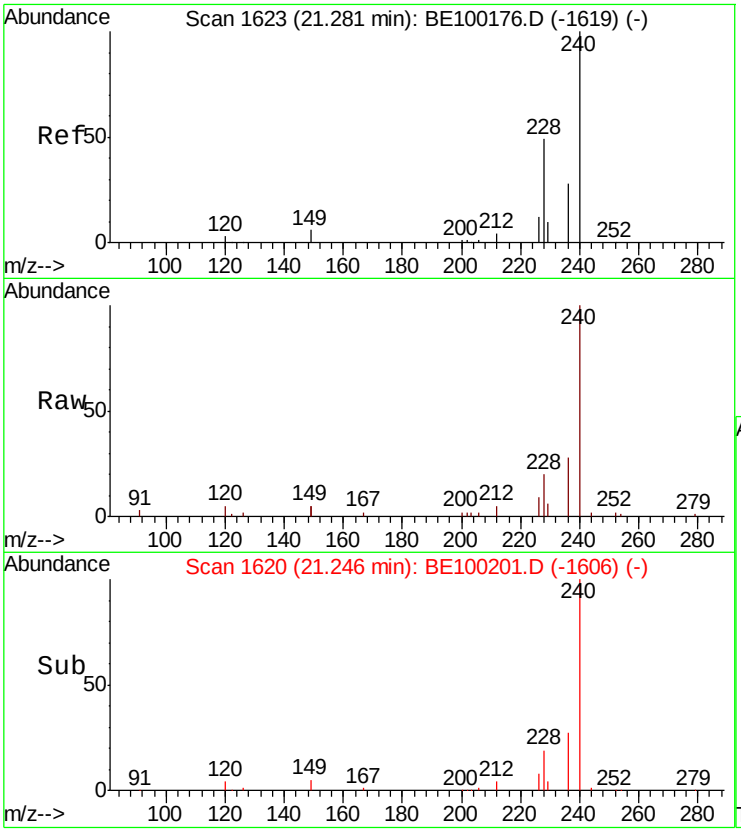


#26
Fluoranthene
Concen: 0.314 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:202 Resp: 6730

Ion	Ratio	Lower	Upper
202	100		
101	6.4	4.5	6.7
203	16.8	13.7	20.5



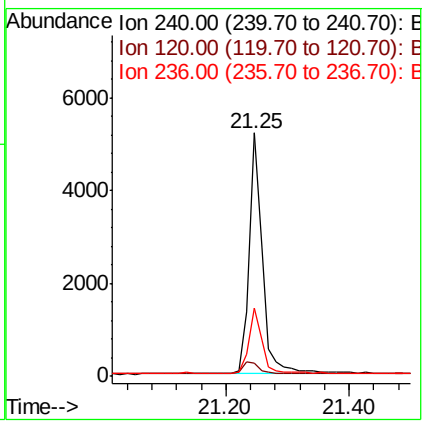


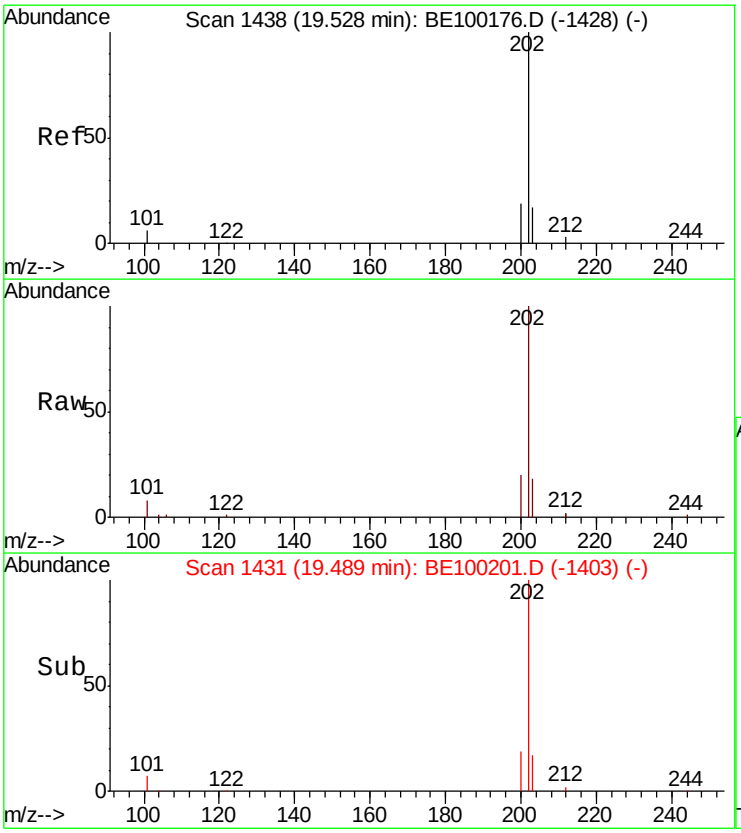
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7791

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.1	6.1
236	28.2	23.0	34.6

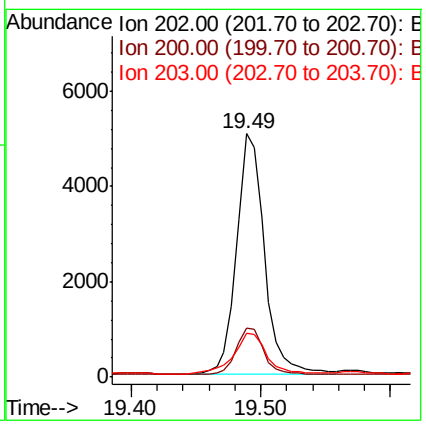


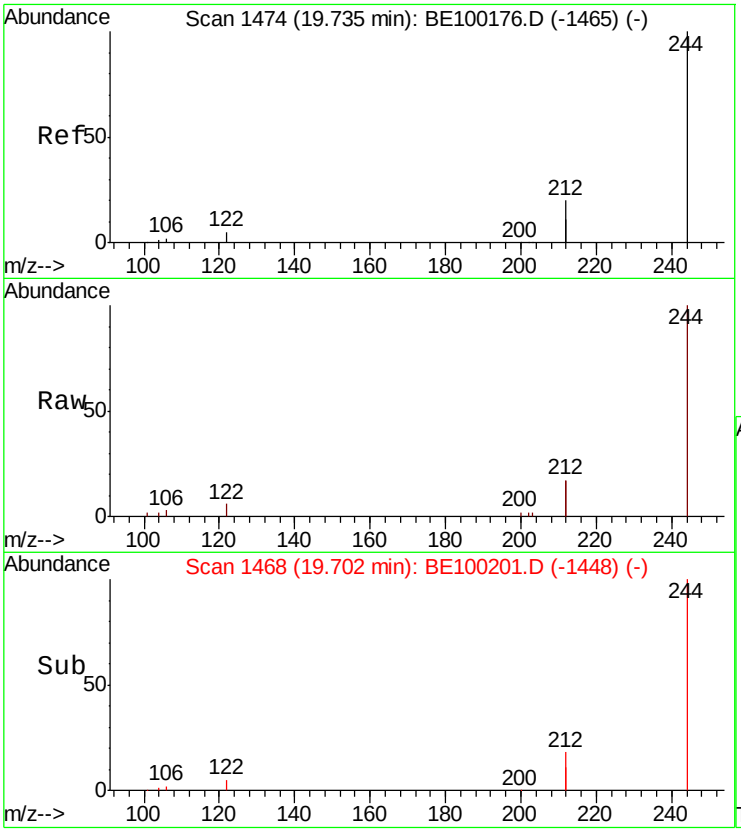


#28
Pyrene
Concen: 0.374 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:202 Resp: 7463

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	19.8	13.9	20.9



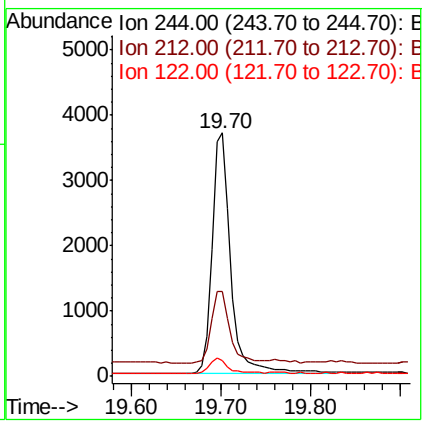


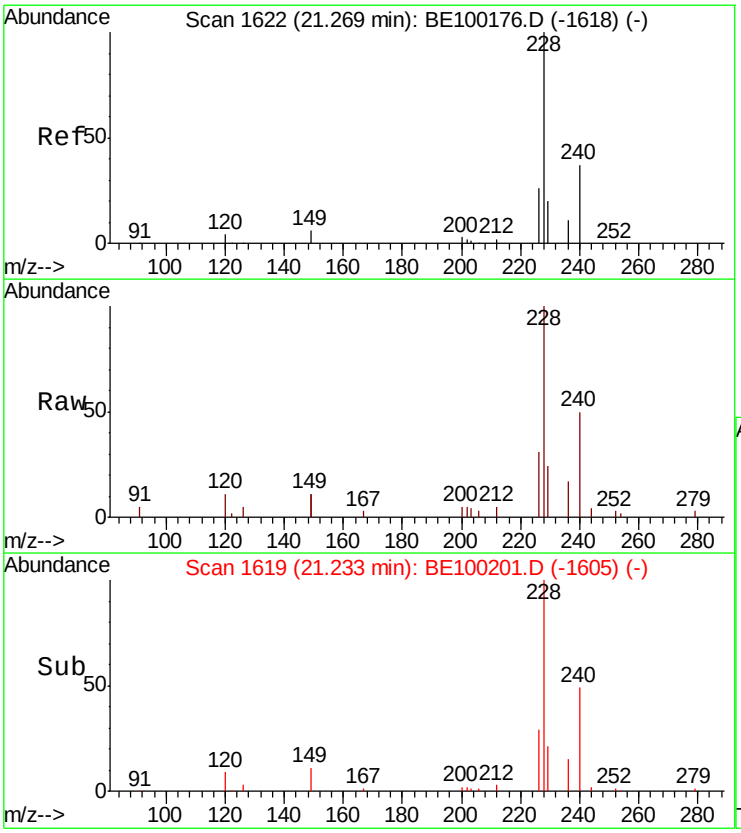
#29
Terphenyl-d14
Concen: 0.346 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5296

Ion	Ratio	Lower	Upper
244	100		
212	34.9	30.7	46.1
122	6.2	5.8	8.6

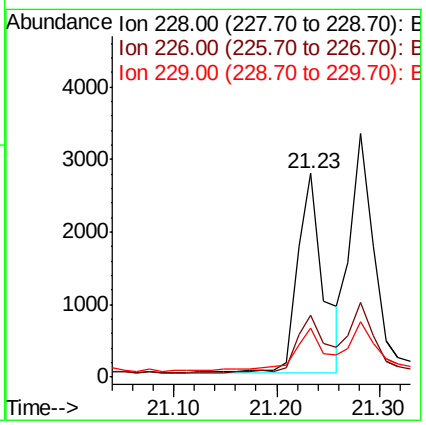


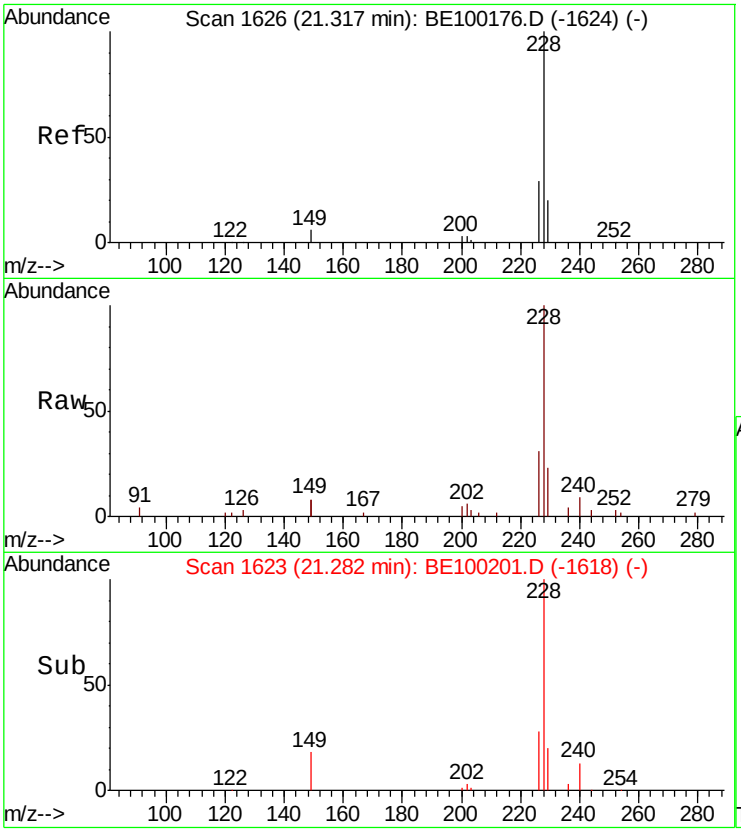


#30
Benzo(a)anthracene
Concen: 0.209 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:228 Resp: 4790

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.5	32.3
229	23.9	17.2	25.8



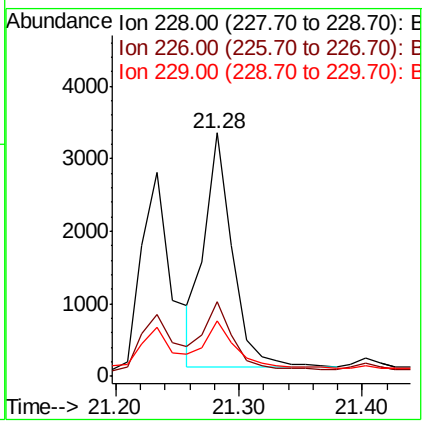


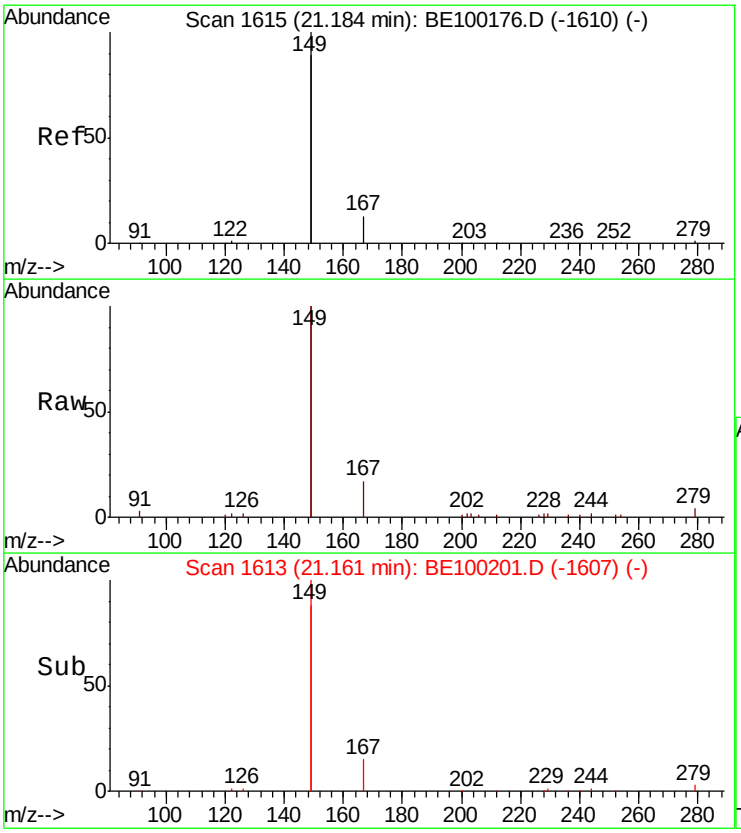
#31
Chrysene
Concen: 0.189 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5094

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	22.5	16.5	24.7

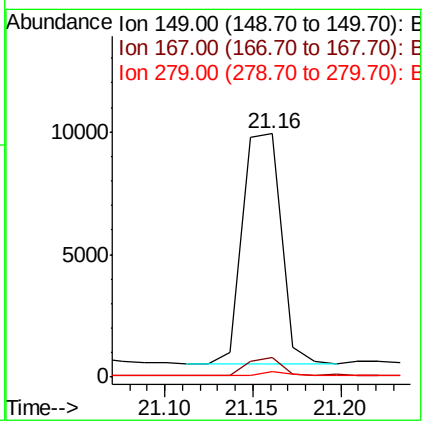


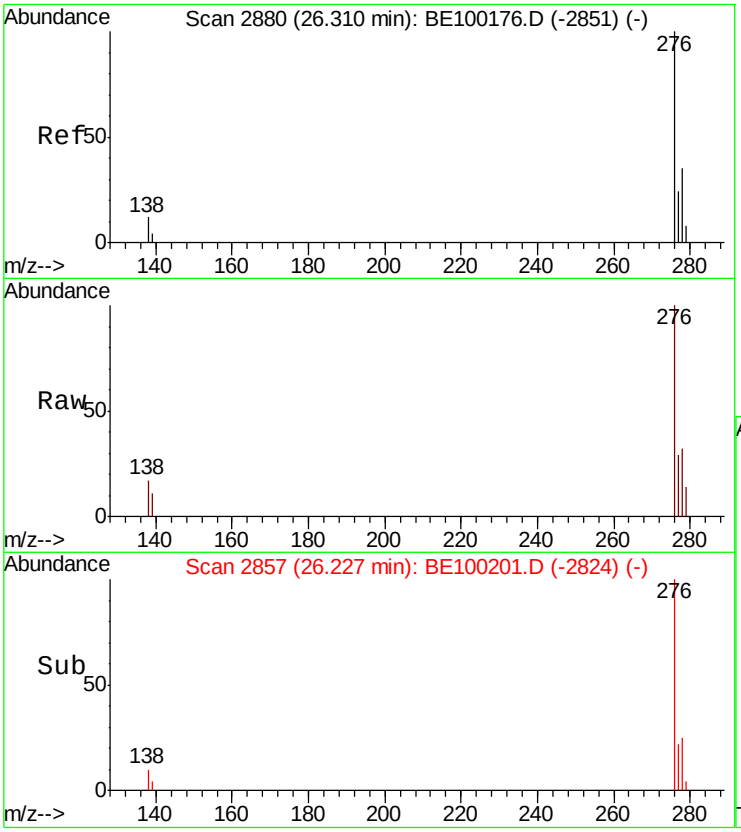


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.544 ng
RT: 21.16 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:149 Resp: 14357

Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.9	8.9
279	1.3	1.0	1.6



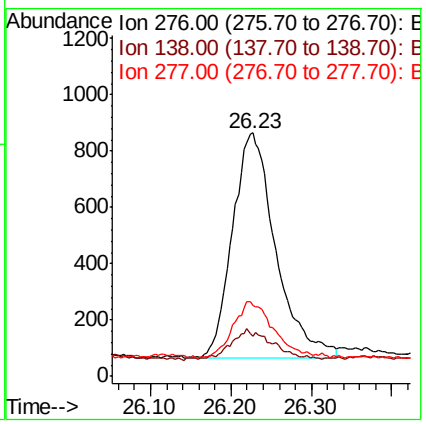


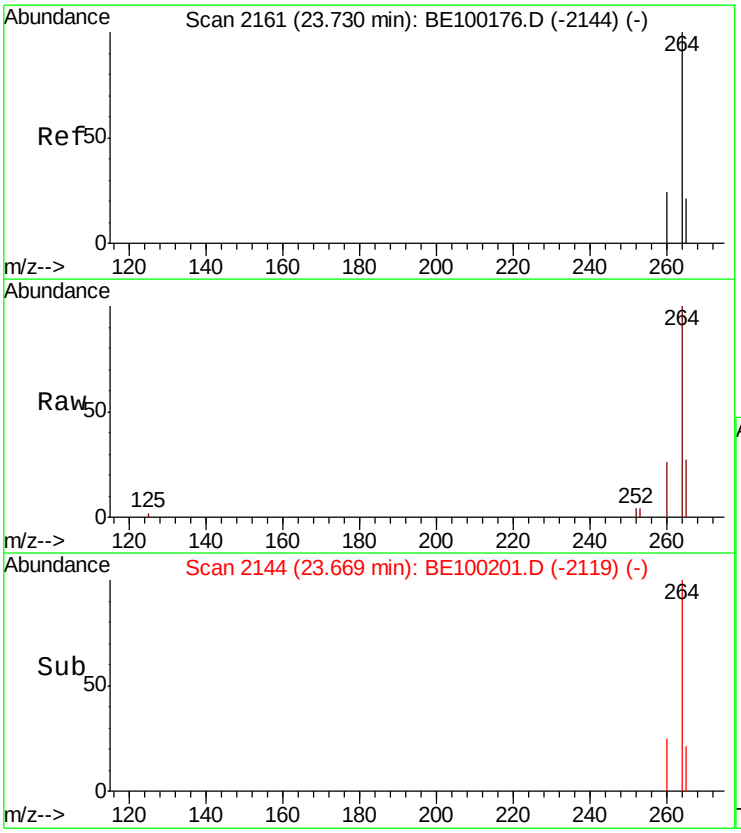
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.08 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3010

Ion	Ratio	Lower	Upper
276	100		
138	6.5	3.7	5.5#
277	23.3	18.7	28.1

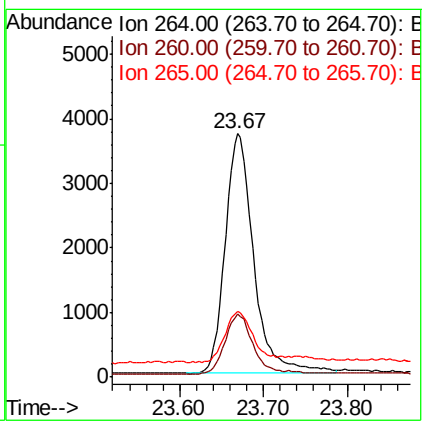


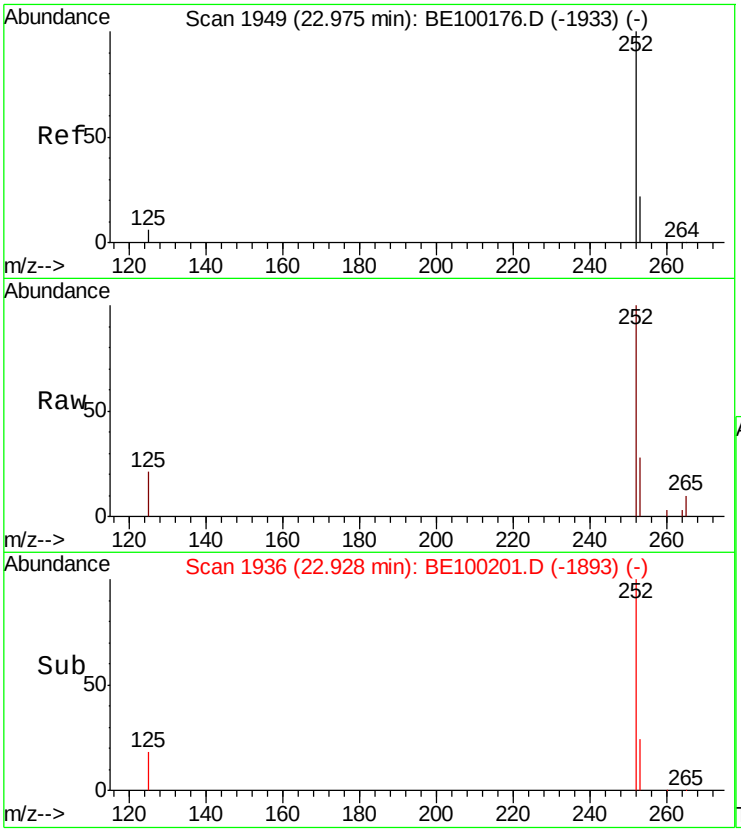


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. -0.06 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:264 Resp: 8801

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	26.9	22.5	33.7



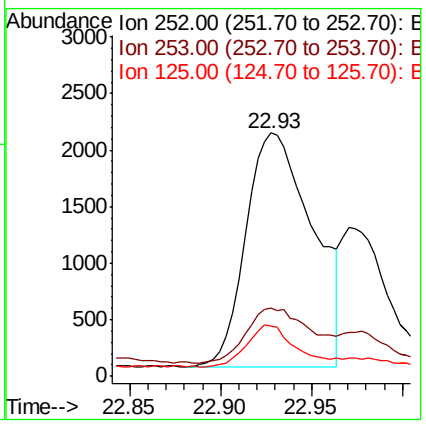


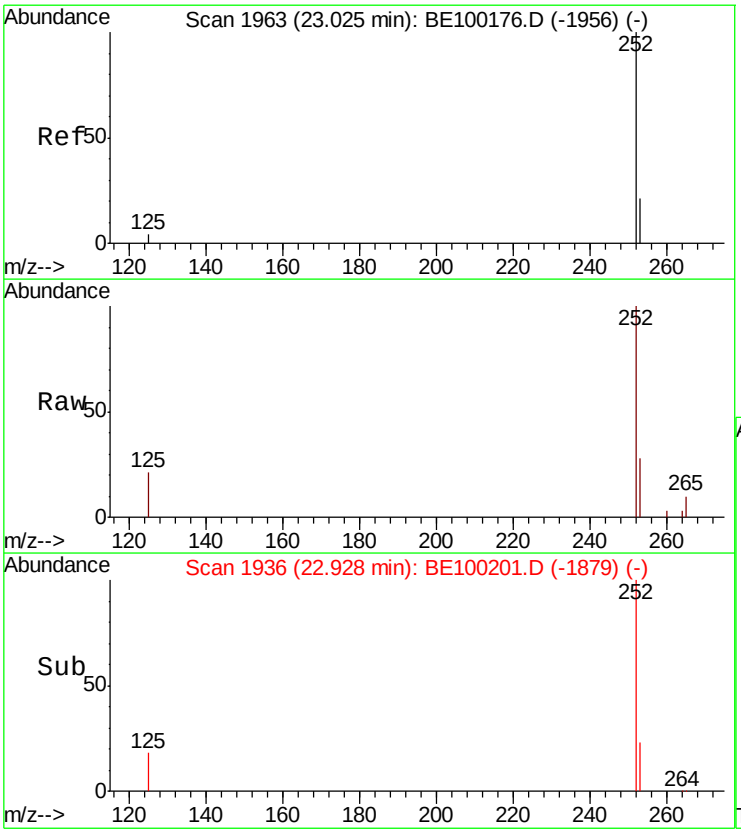
#35
Benzo(b)fluoranthene
Concen: 0.223 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.05 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5281

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.0	28.4
125	20.9	6.3	9.5#

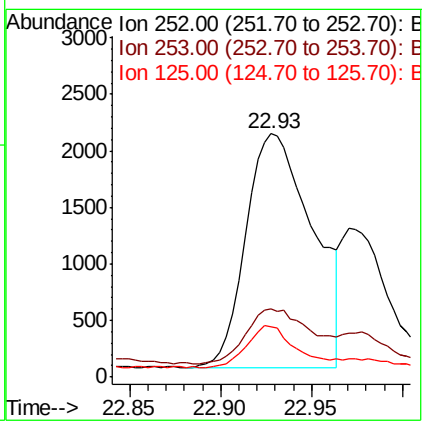


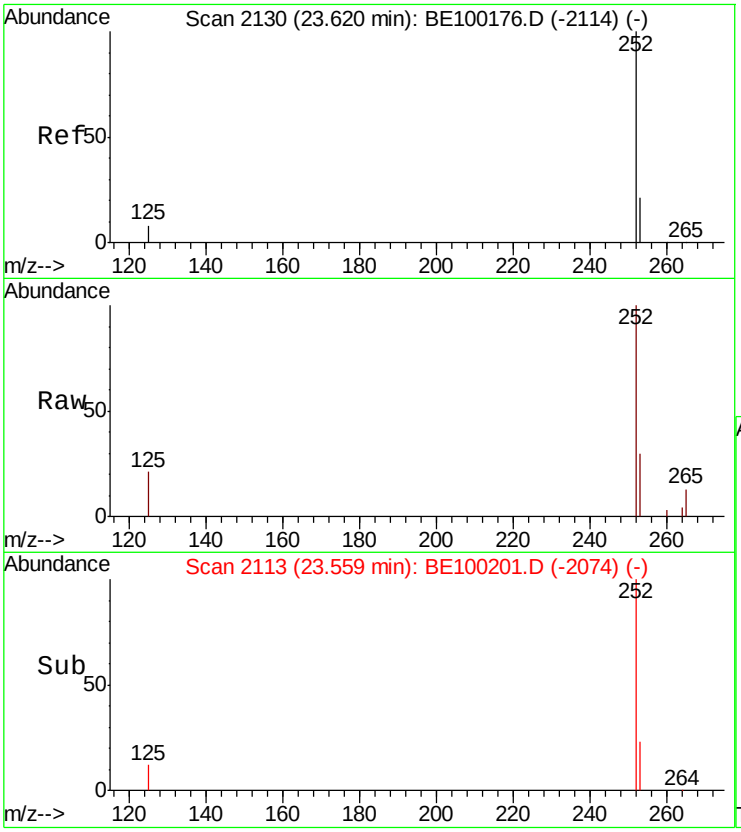


#36
Benzo(k)fluoranthene
Concen: 0.186 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.10 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:252 Resp: 5281

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6#
125	20.9	5.0	7.4#



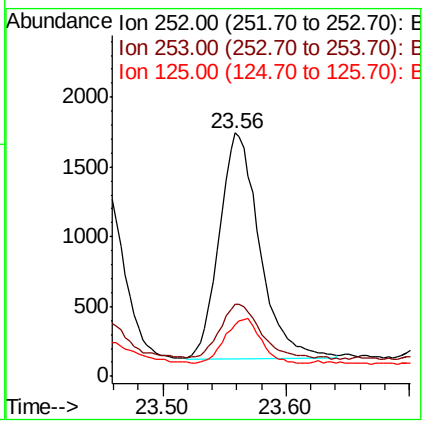


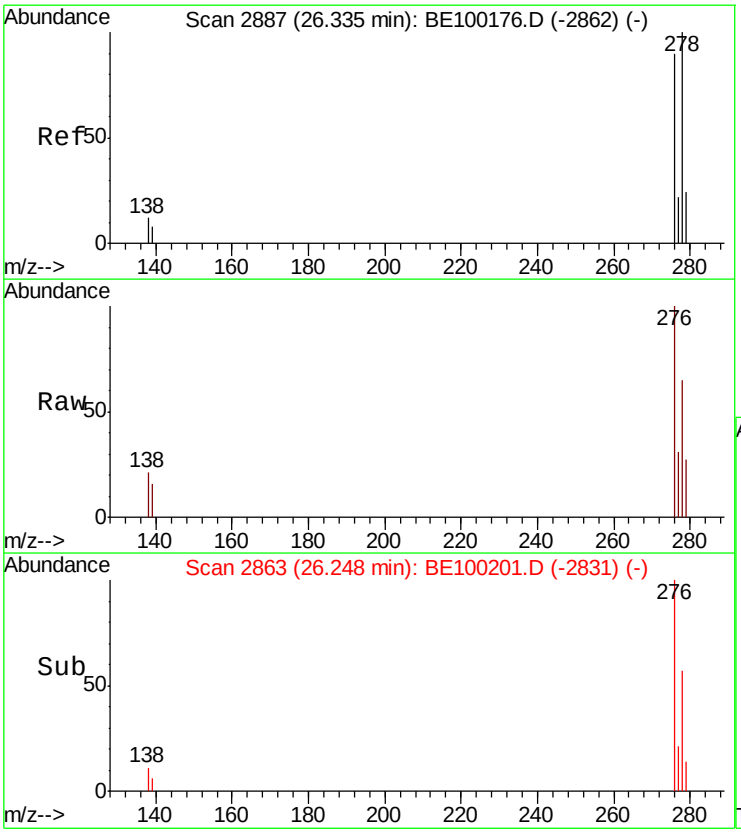
#37
Benzo(a)pyrene
Concen: 0.150 ng
RT: 23.56 min Scan# 2113
Delta R.T. -0.06 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3678

Ion	Ratio	Lower	Upper
252	100		
253	29.6	19.2	28.8#
125	21.3	8.2	12.2#

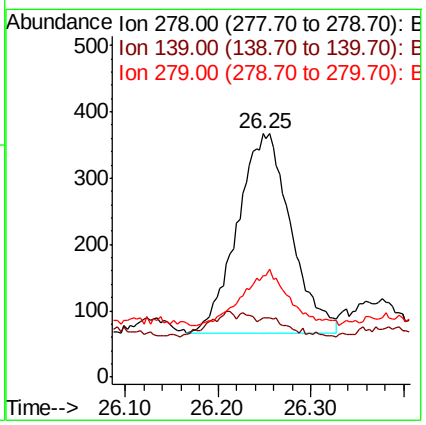


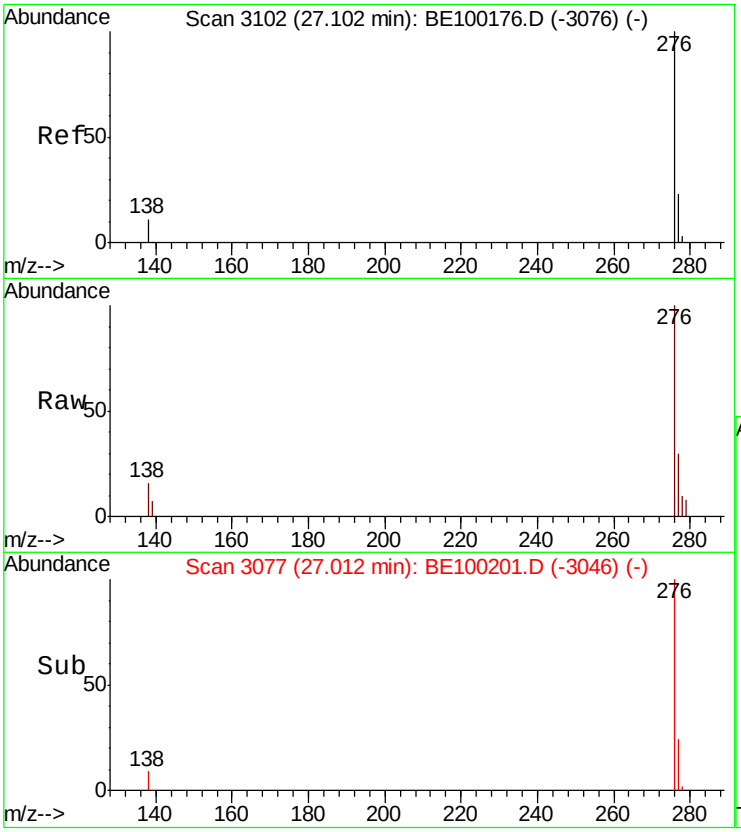


#38
Dibenzo(a,h)anthracene
Concen: 0.046 ng
RT: 26.25 min Scan# 2863
Delta R.T. -0.09 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Tgt Ion:278 Resp: 1195

Ion	Ratio	Lower	Upper
278	100		
139	24.5	9.0	13.4#
279	41.7	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.118 ng
RT: 27.01 min Scan# 3077
Delta R.T. -0.09 min
Lab File: BE100201.D
Acq: 27 Jun 2019 12:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3245

Ion	Ratio	Lower	Upper
276	100		
277	29.6	19.8	29.6
138	15.6	10.2	15.4#