Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100252.D
Acq On : 29 Jun 2019 1:41
Operator : JU/SJ
Sample : K3445-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-029-SW171-061719

Quant Time: Jun 29 03:36:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 00:22:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	771	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	2805	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2287	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	7004	0.40	ng		0.00
27) Chrysene-d12	21.24	240	9204	0.40	ng		0.00
34) Perylene-d12	23.67	264	11010	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	598	0.30	ng		0.00
5) Phenol-d6	6.82	99	852	0.33	ng		-0.02
8) Nitrobenzene-d5	8.81	82	889	0.32	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1937	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	561	0.35	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	2560	0.29	ng		0.00
25) Fluoranthene-d10	19.10	212	35100	0.35	ng		0.00
29) Terphenyl-d14	19.70	244	5320	0.28	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.48	128	5239	0.169	ng		98
12) 2-Methylnaphthalene	12.12	142	785	0.145	ng		95
16) Acenaphthylene	14.04	152	5149	0.469	ng		99
17) Acenaphthene	14.38	154	490	0.079	ng		96
18) Fluorene	15.35	166	1633	0.178	ng	#	84
23) Phenanthrene	17.09	178	38598	2.274	ng		99
24) Anthracene	17.19	178	5563	0.364	ng		97
26) Fluoranthene	19.13	202	75389	2.788	ng		99
28) Pyrene	19.49	202	90359	3.708	ng	#	96
30) Benzo(a)anthracene	21.28	228	60669	2.005	ng		95
31) Chrysene	21.28	228	60215	1.982	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	20911	0.431	ng		98
33) Indeno(1,2,3-cd)pyrene	26.22	276	31279	0.778	ng		97
35) Benzo(b)fluoranthene	22.93	252	62554	2.096	ng	#	98
36) Benzo(k)fluoranthene	22.93	252	62554	1.877	ng		98
37) Benzo(a)pyrene	23.56	252	46753	1.563	ng	#	95
38) Dibenzo(a,h)anthracene	26.23	278	9874	0.316	ng	#	82
39) Benzo(g,h,i)perylene	27.01	276	34601	1.078	ng		99

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

Quantitation Report (Not Reviewed)

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EXT-029-SW171-061719

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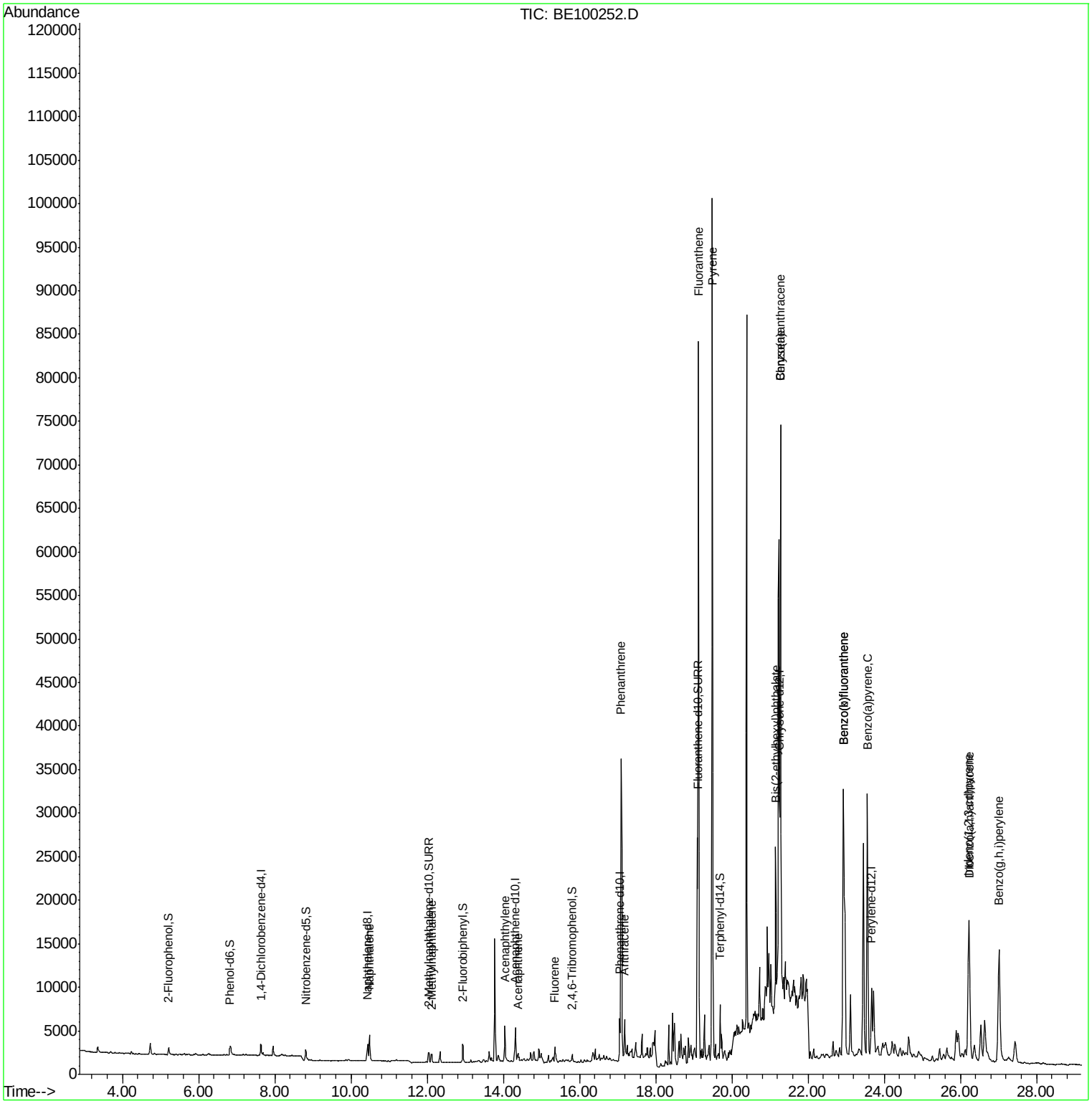
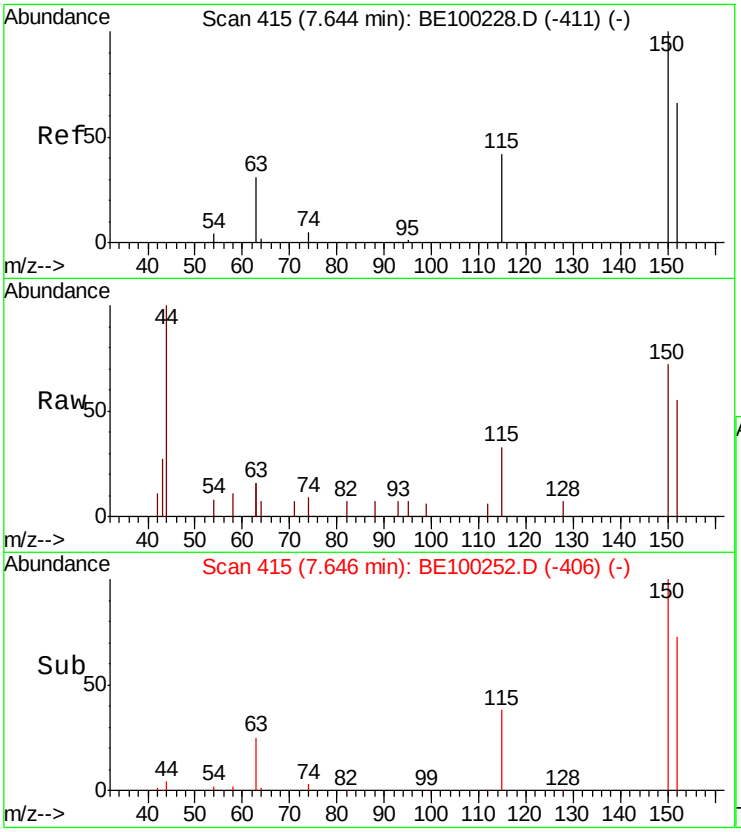
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 00:22:29 2019
Response via : Initial Calibration



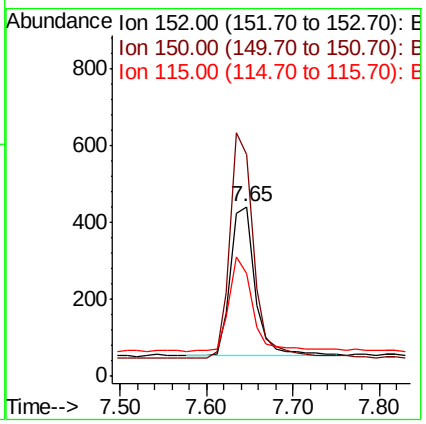


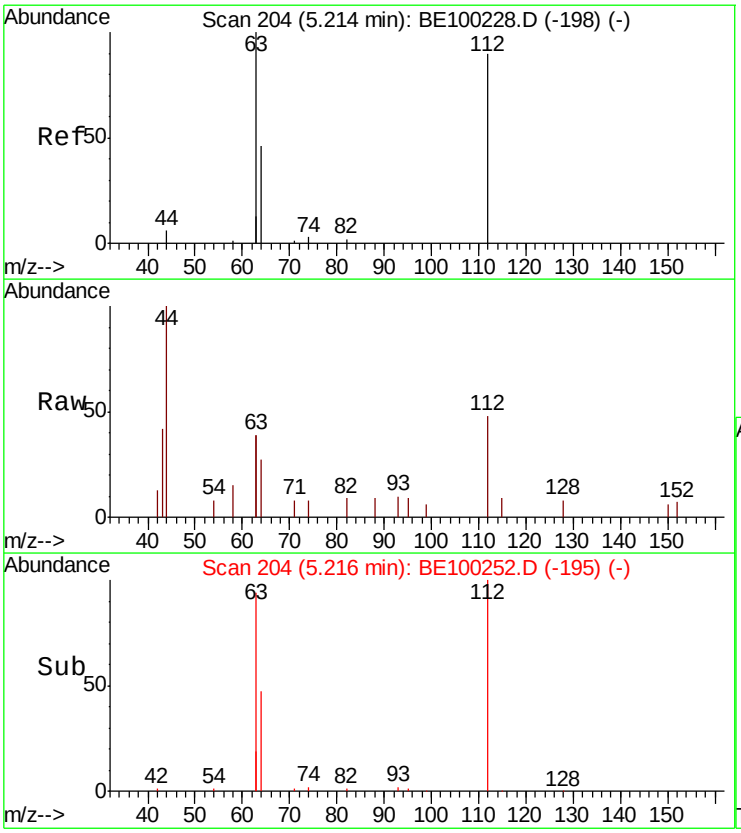
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:152 Resp: 771

Ion	Ratio	Lower	Upper
152	100		
150	130.6	114.5	171.7
115	60.5	57.1	85.7

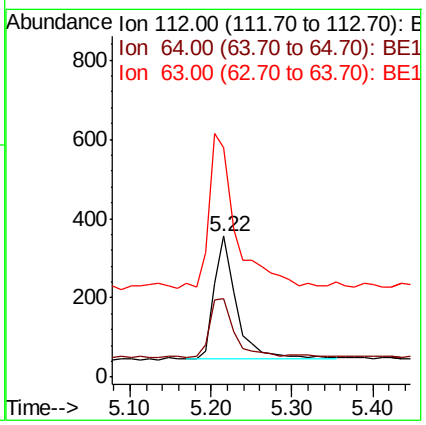


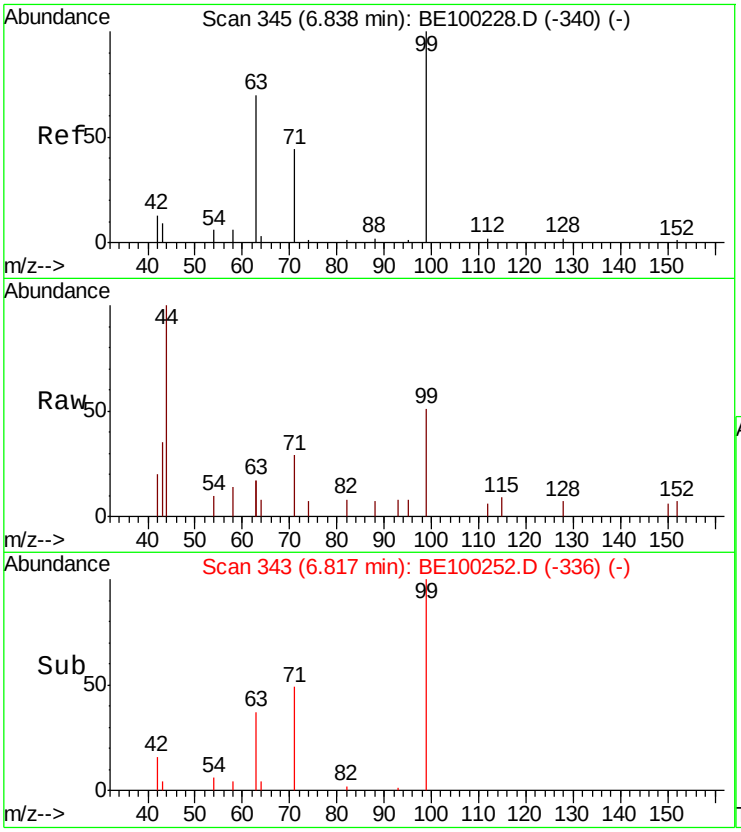


#4
2-Fluorophenol
Concen: 0.304 ng
RT: 5.22 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:112 Resp: 598

Ion	Ratio	Lower	Upper
112	100		
64	52.8	39.4	59.0
63	153.2	104.5	156.7



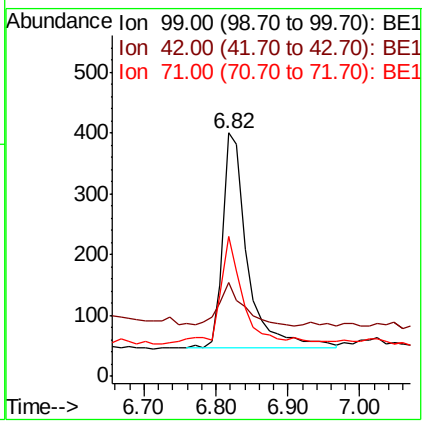


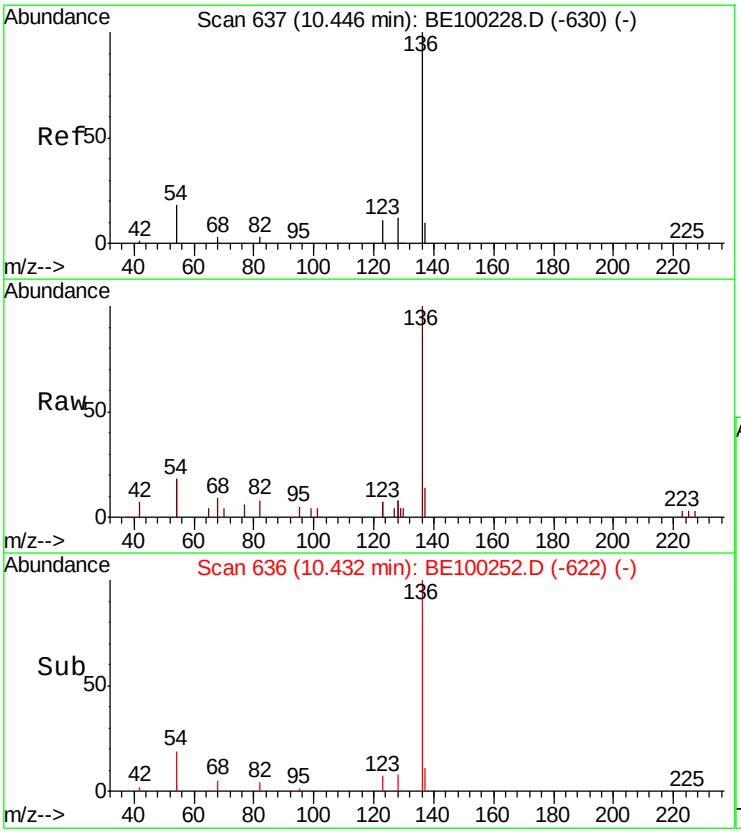
#5
Phenol-d6
Concen: 0.329 ng
RT: 6.82 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion: 99 Resp: 852

Ion	Ratio	Lower	Upper
99	100		
42	20.2	11.2	16.8#
71	40.0	37.2	55.8

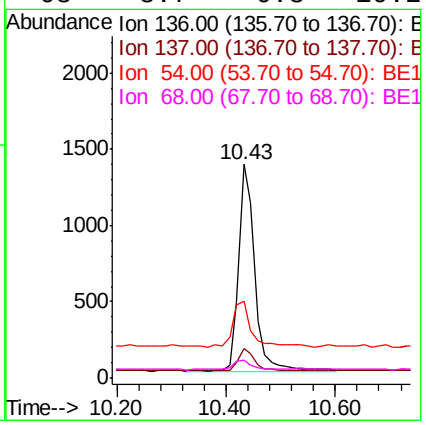


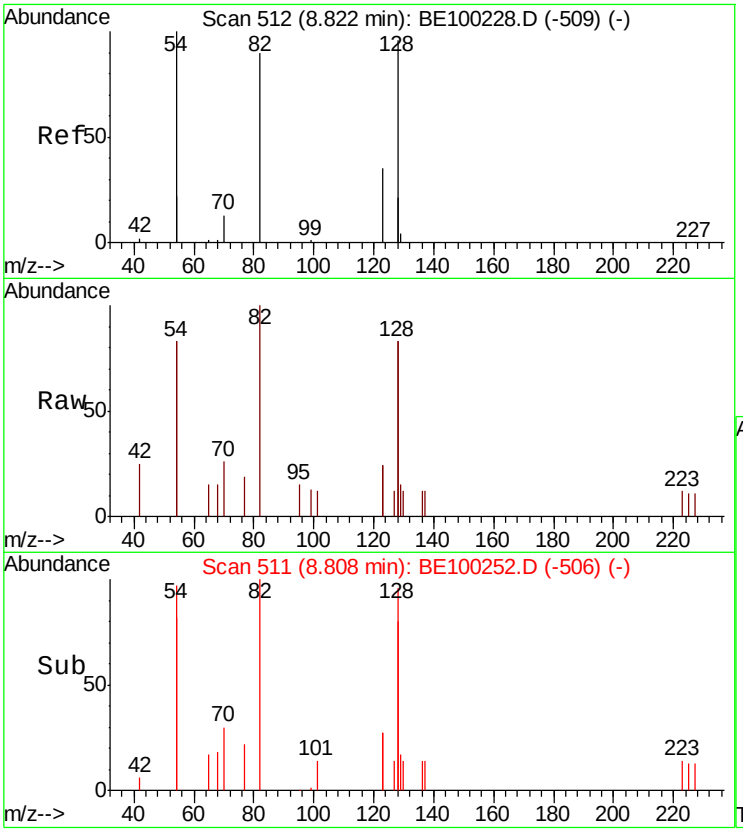


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:136 Resp: 2805

Ion	Ratio	Lower	Upper
136	100		
137	13.8	11.8	17.8
54	36.0	27.7	41.5
68	8.7	6.8	10.2



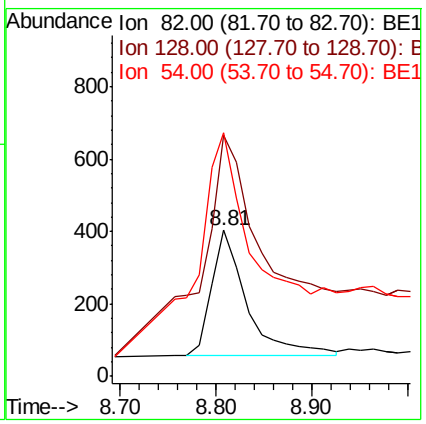


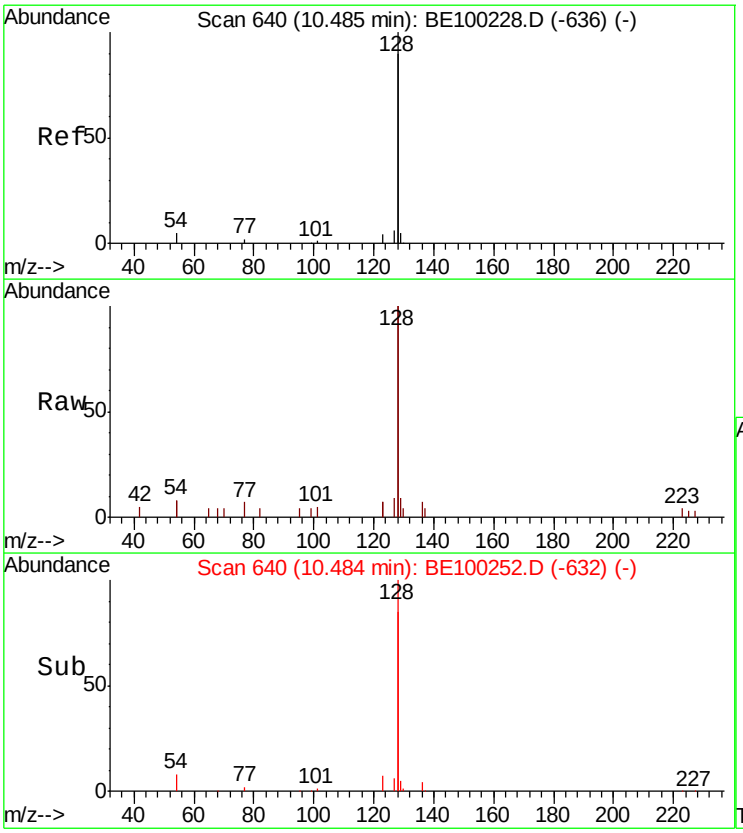
#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion: 82 Resp: 889

Ion	Ratio	Lower	Upper
82	100		
128	165.3	140.9	211.3
54	166.7	146.2	219.2

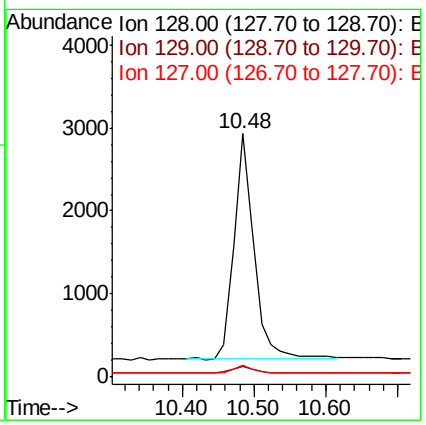


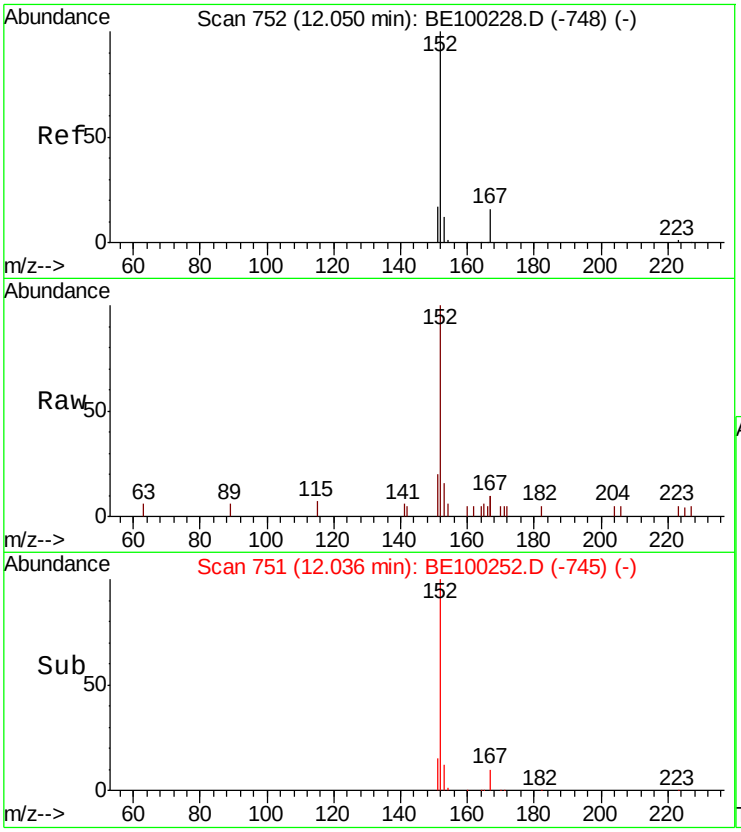


#9
Naphthalene
Concen: 0.169 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:128 Resp: 5239

Ion	Ratio	Lower	Upper
128	100		
129	4.5	3.0	4.6
127	4.7	3.5	5.3



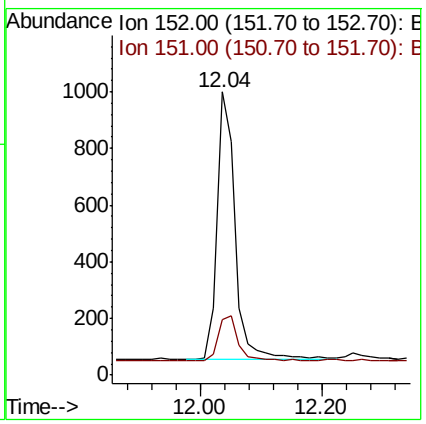


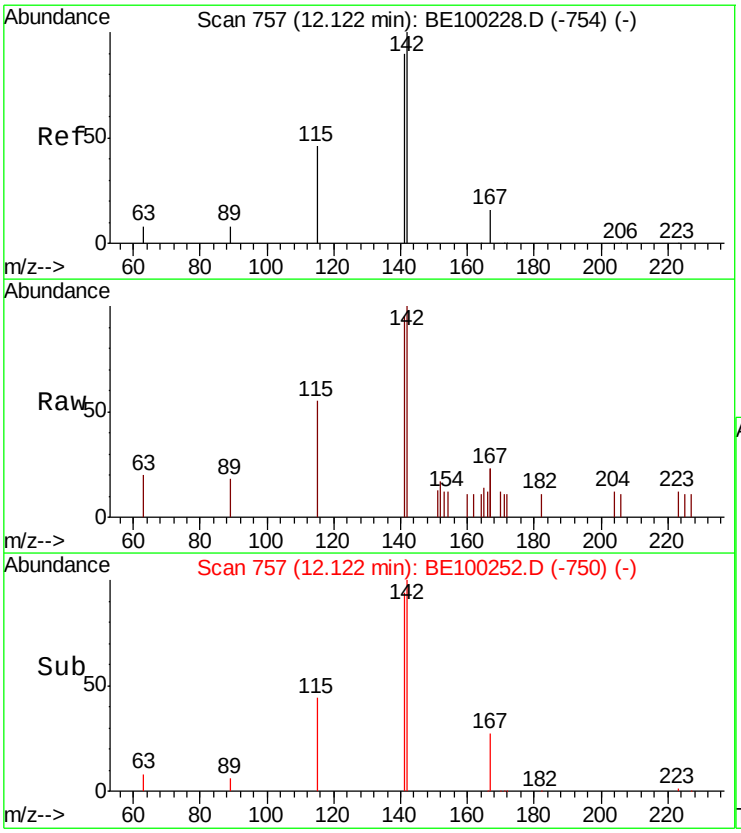
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:152 Resp: 1937

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7

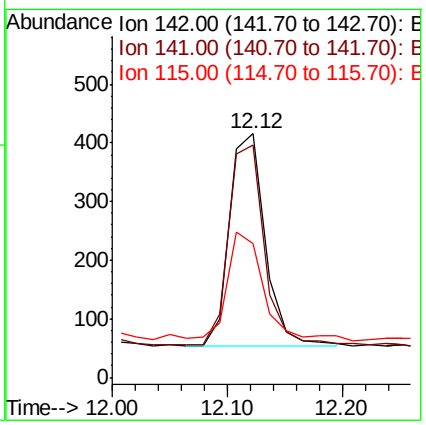


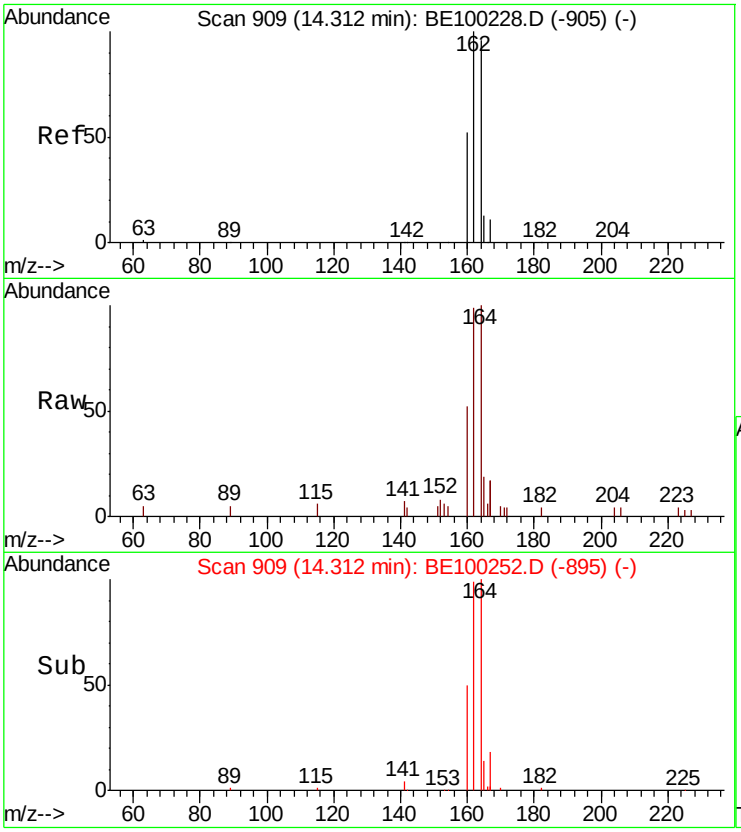


#12
2-Methylnaphthalene
Concen: 0.145 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:142 Resp: 785

Ion	Ratio	Lower	Upper
142	100		
141	95.2	72.4	108.6
115	54.8	40.4	60.6



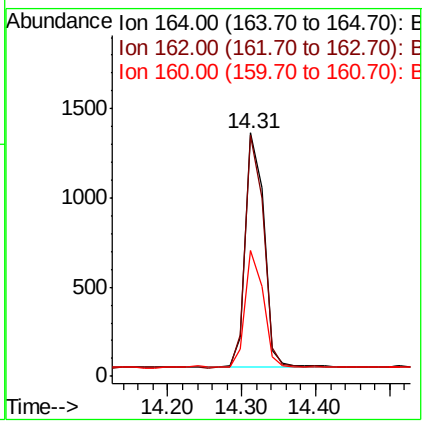


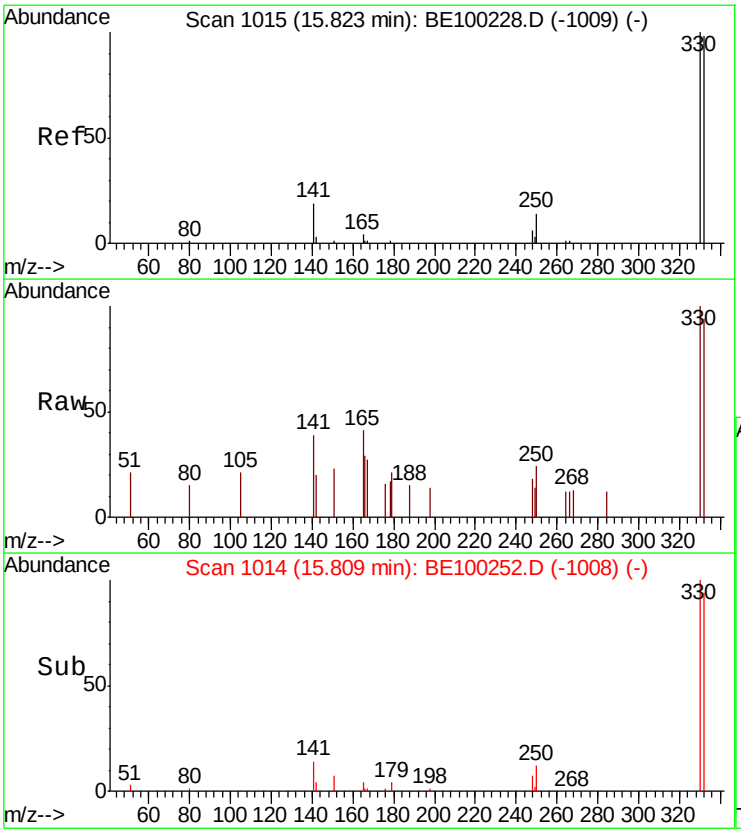
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:164 Resp: 2287

Ion	Ratio	Lower	Upper
164	100		
162	98.8	83.4	125.0
160	51.8	45.0	67.6

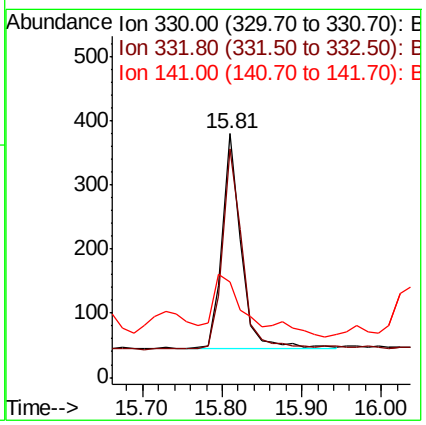


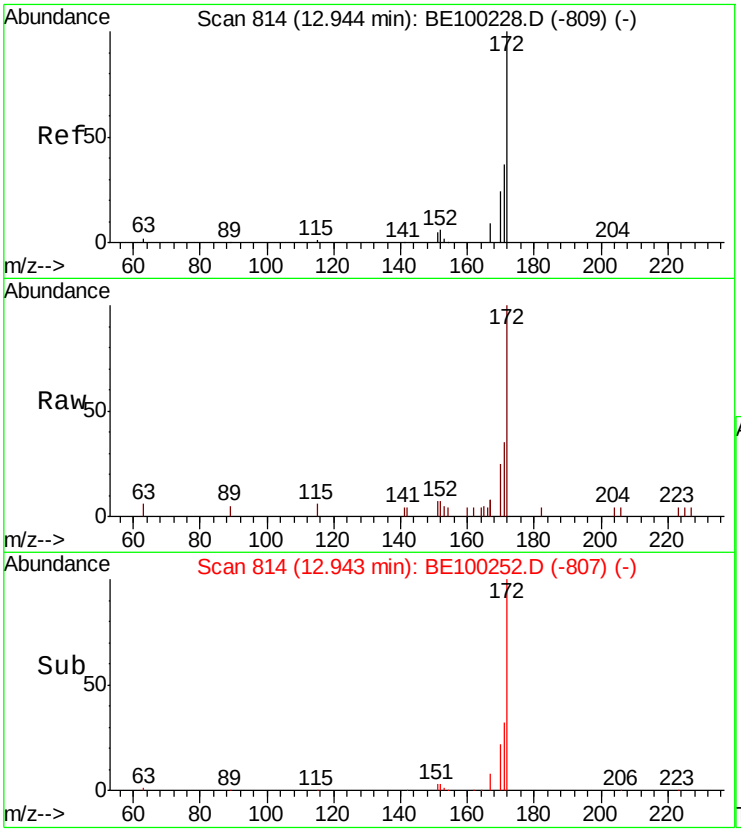


#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:330 Resp: 561

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.4
141	51.7	22.0	33.0#



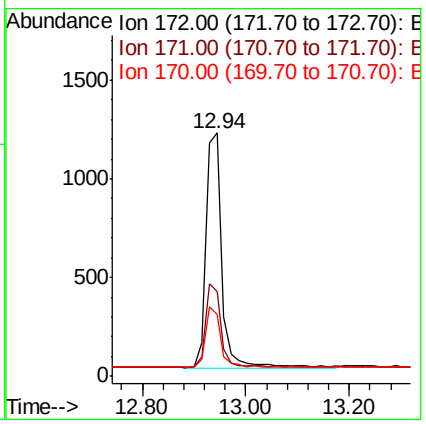


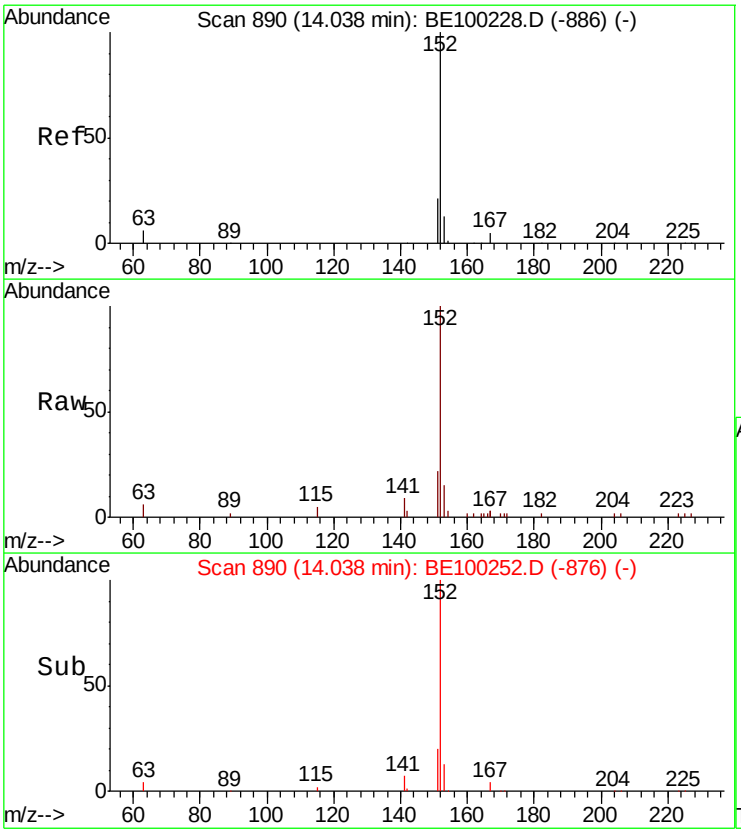
#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:172 Resp: 2560

Ion	Ratio	Lower	Upper
172	100		
171	35.0	31.9	47.9
170	25.3	22.2	33.2

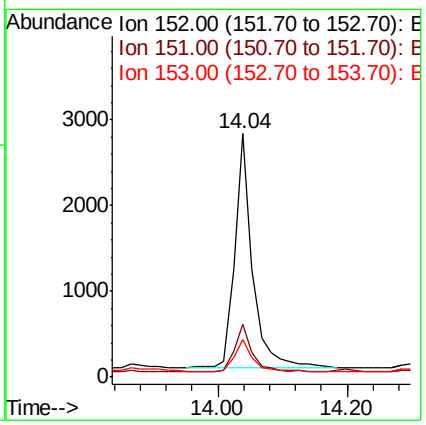


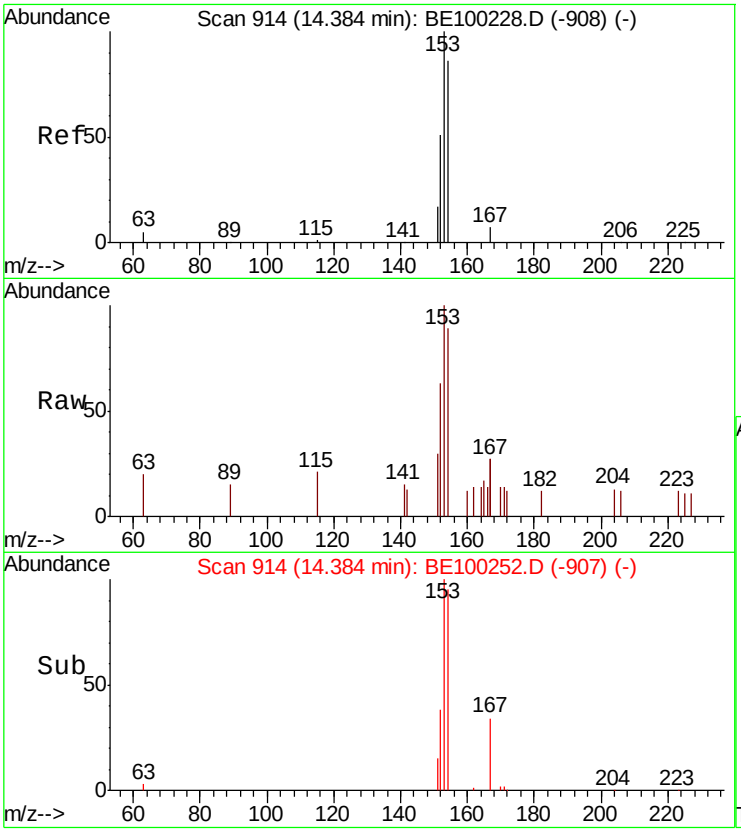


#16
Acenaphthylene
Concen: 0.469 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:152 Resp: 5149

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	13.9	10.5	15.7



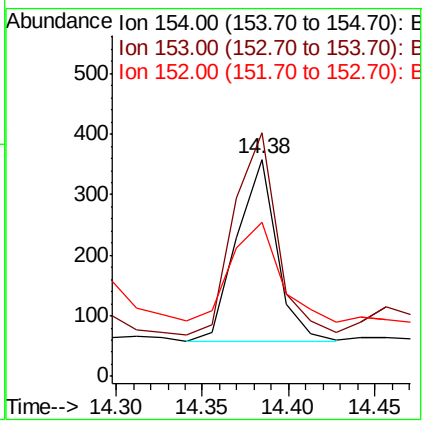


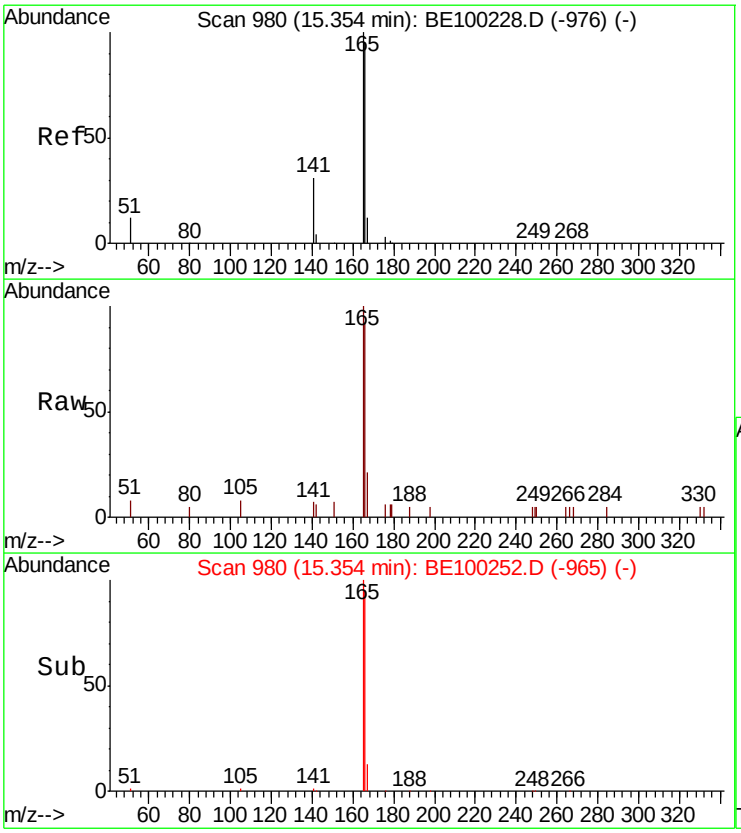
#17
Acenaphthene
Concen: 0.079 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:154 Resp: 490

Ion	Ratio	Lower	Upper
154	100		
153	118.6	93.4	140.2
152	69.4	49.4	74.2

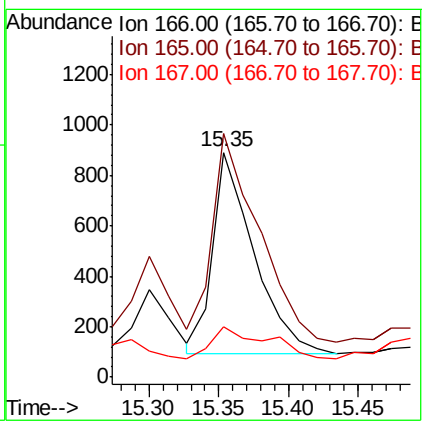


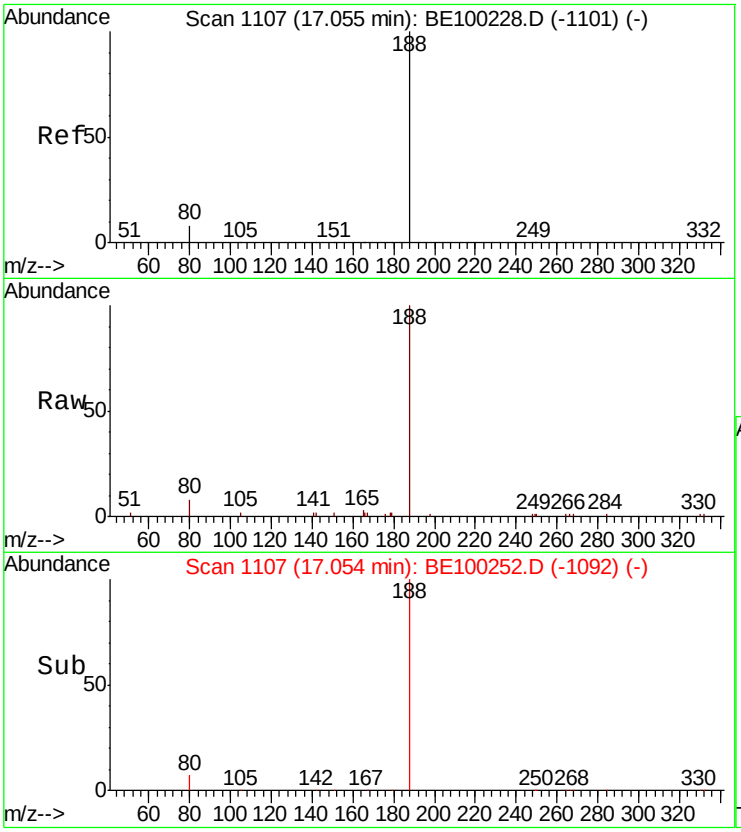


#18
Fluorene
Concen: 0.178 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:166 Resp: 1633

Ion	Ratio	Lower	Upper
166	100		
165	116.7	81.1	121.7
167	20.6	10.7	16.1#



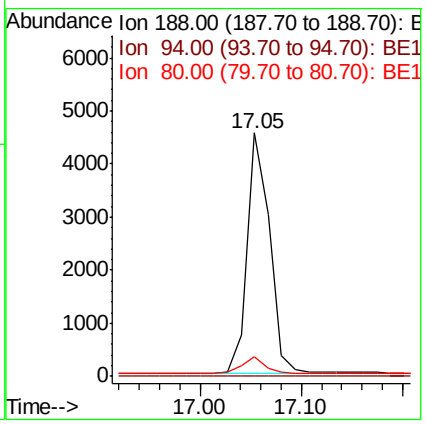


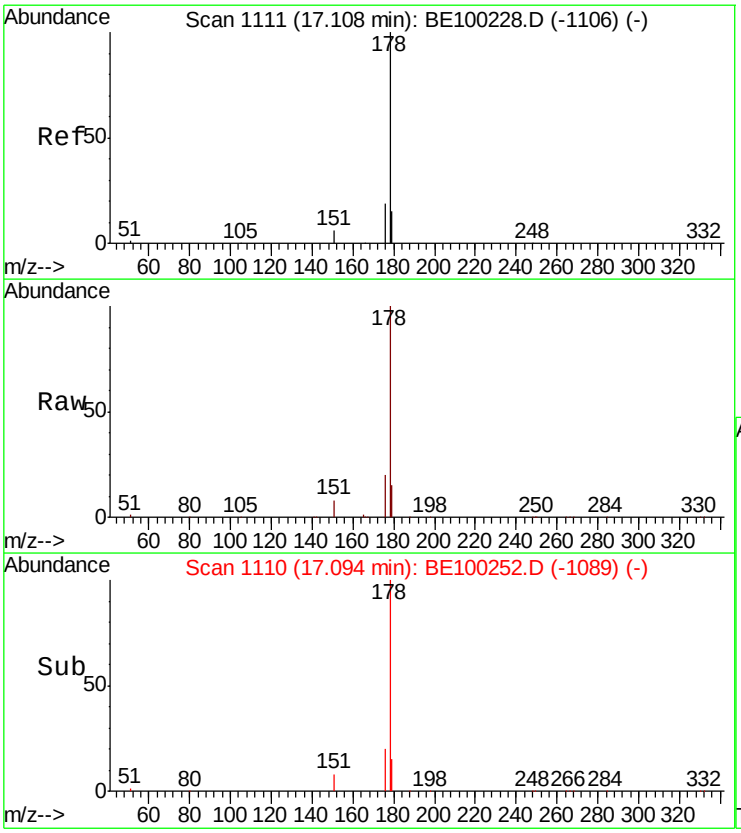
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:188 Resp: 7004

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

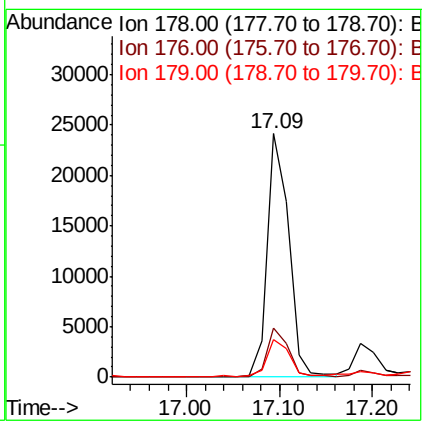


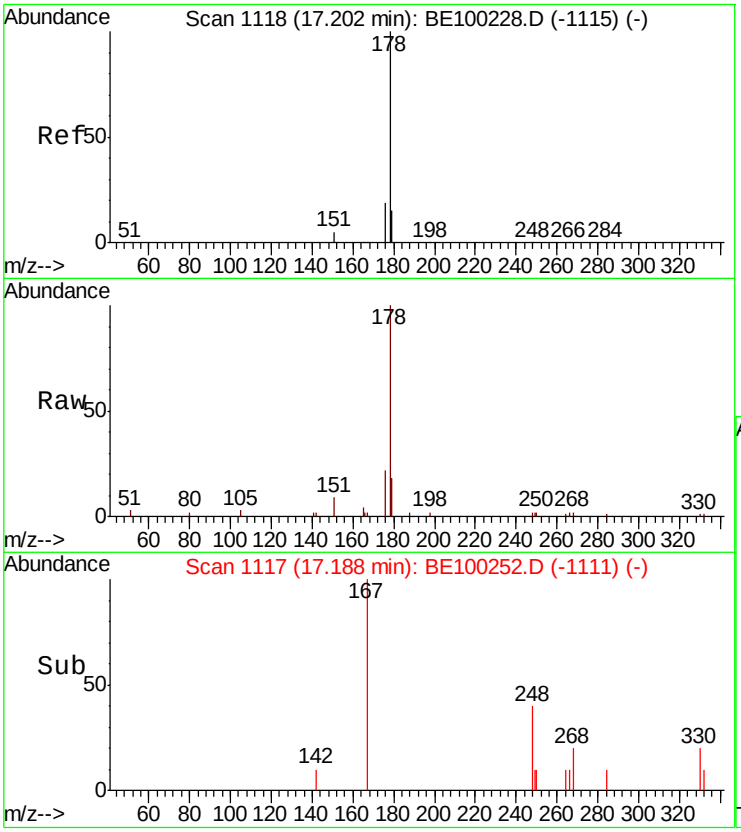


#23
Phenanthrene
Concen: 2.274 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:178 Resp: 38598

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.7	12.2	18.2



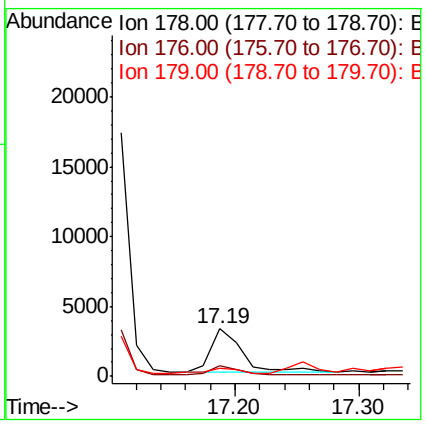


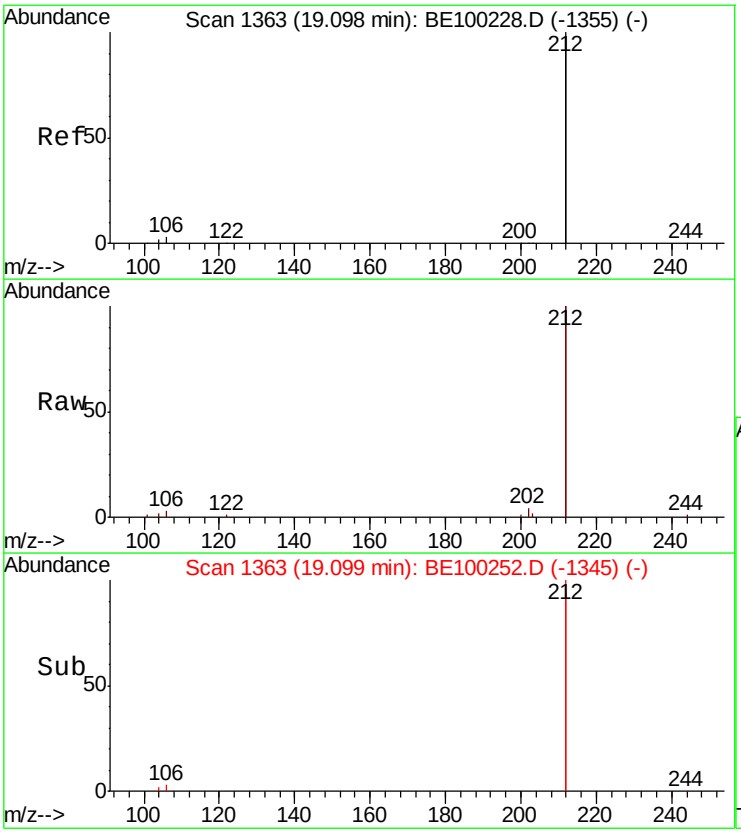
#24
Anthracene
Concen: 0.364 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:178 Resp: 5563

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	12.8	12.2	18.2

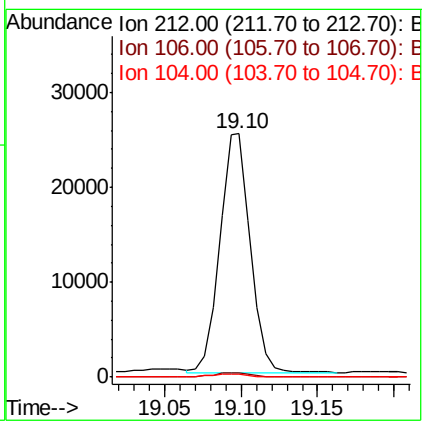


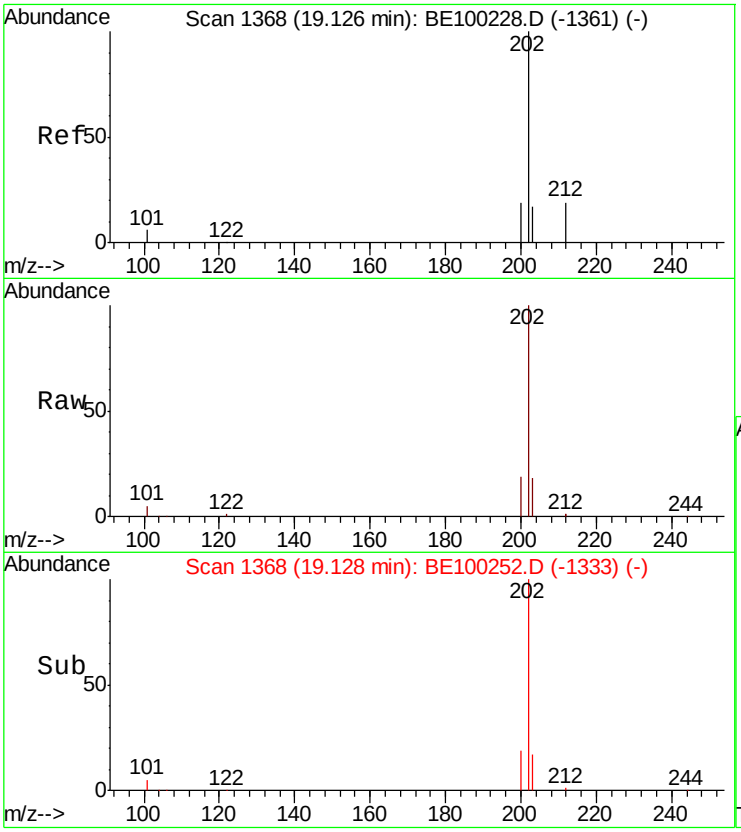


#25
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:212 Resp: 35100

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.8	1.2



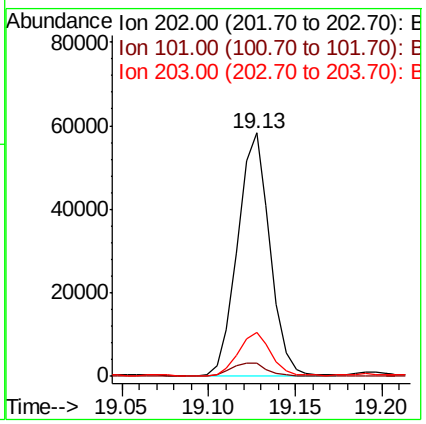


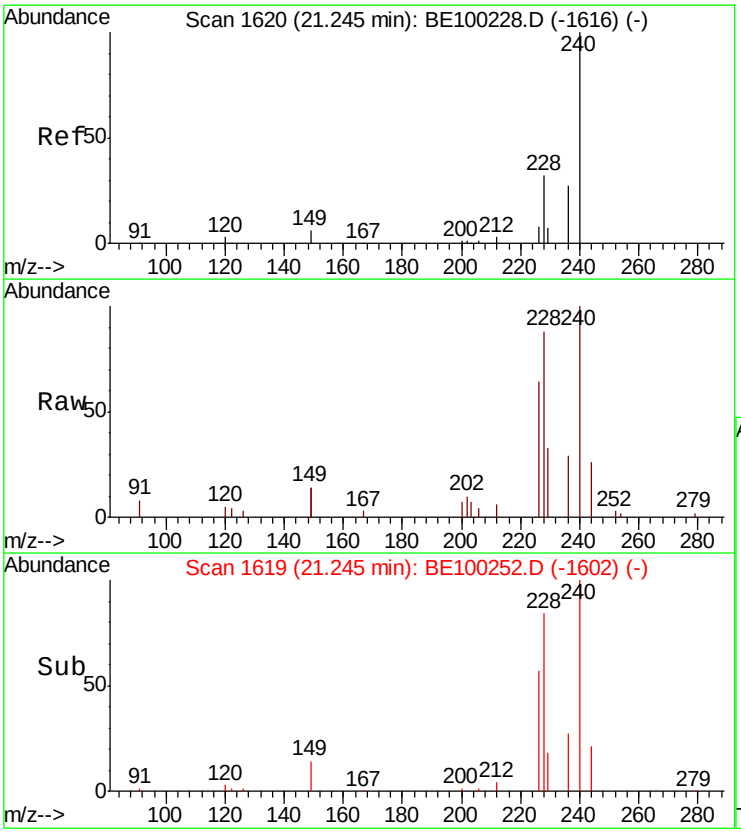
#26
Fluoranthene
Concen: 2.788 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:202 Resp: 75389

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	7.0
203	17.7	13.7	20.5

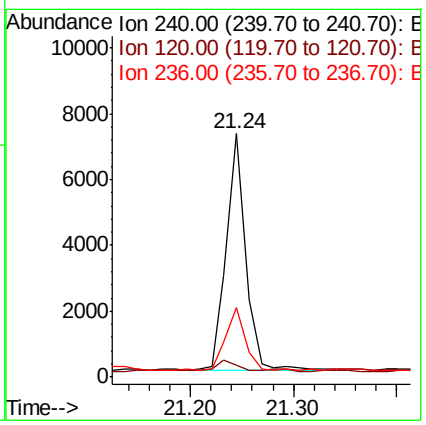


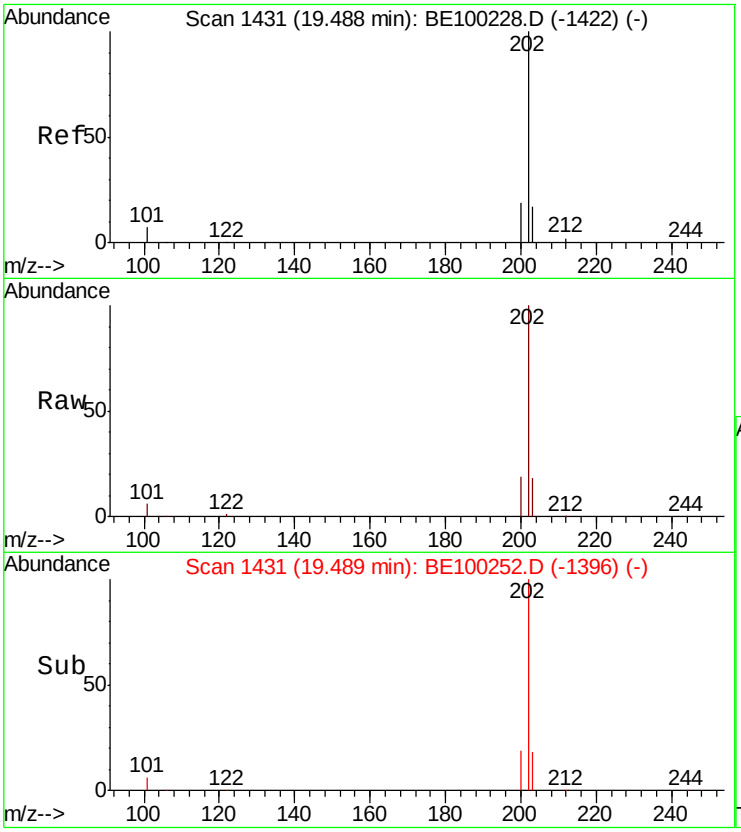


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:240 Resp: 9204

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.3	4.9#
236	28.8	22.6	34.0



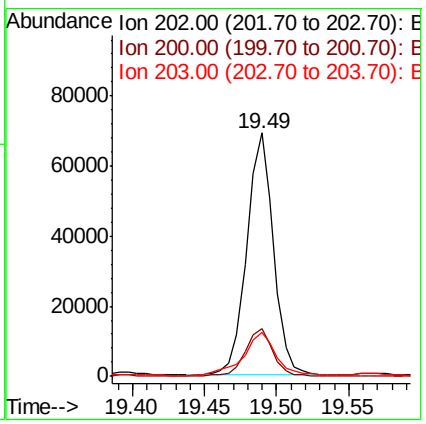


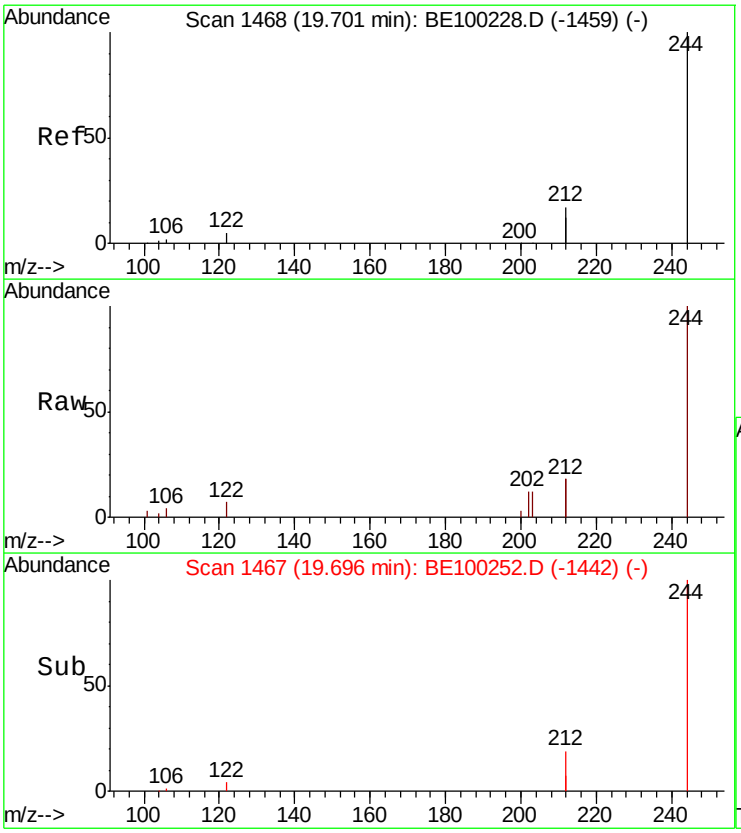
#28
Pyrene
Concen: 3.708 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:202 Resp: 90359

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	21.1	14.0	21.0#

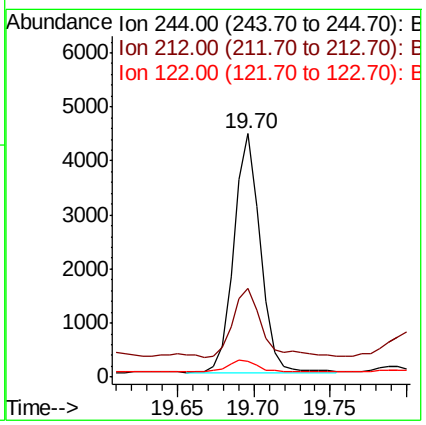


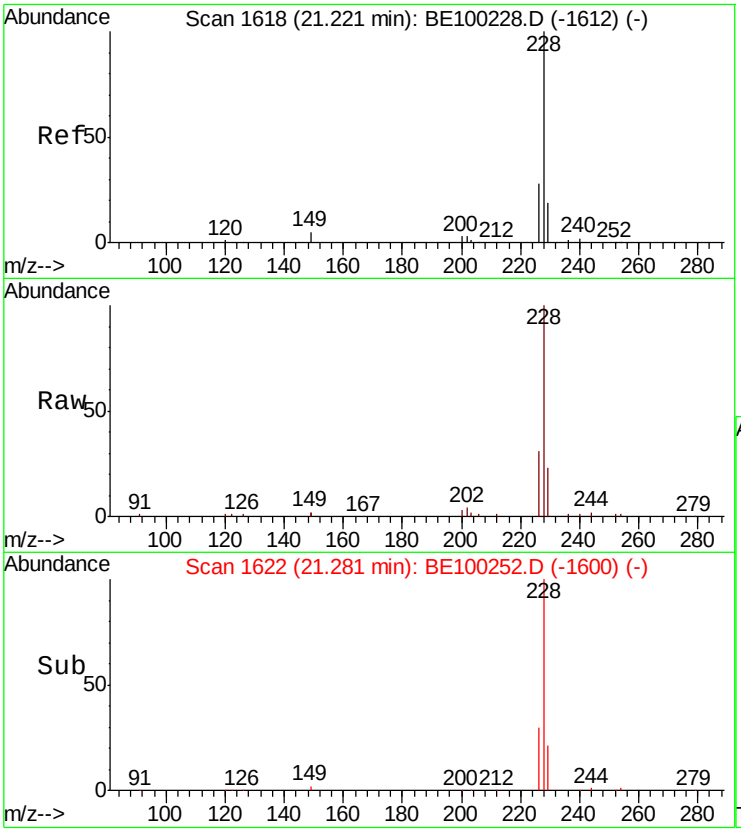


#29
Terphenyl-d14
Concen: 0.279 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:244 Resp: 5320

Ion	Ratio	Lower	Upper
244	100		
212	36.4	27.3	40.9
122	6.5	4.7	7.1



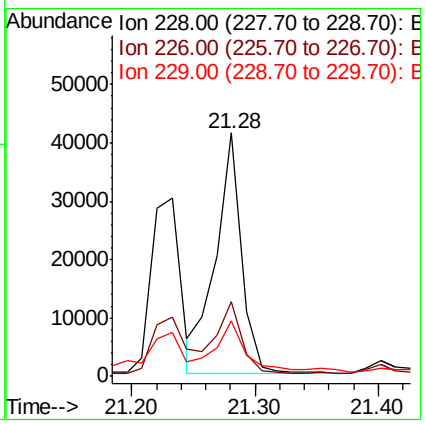


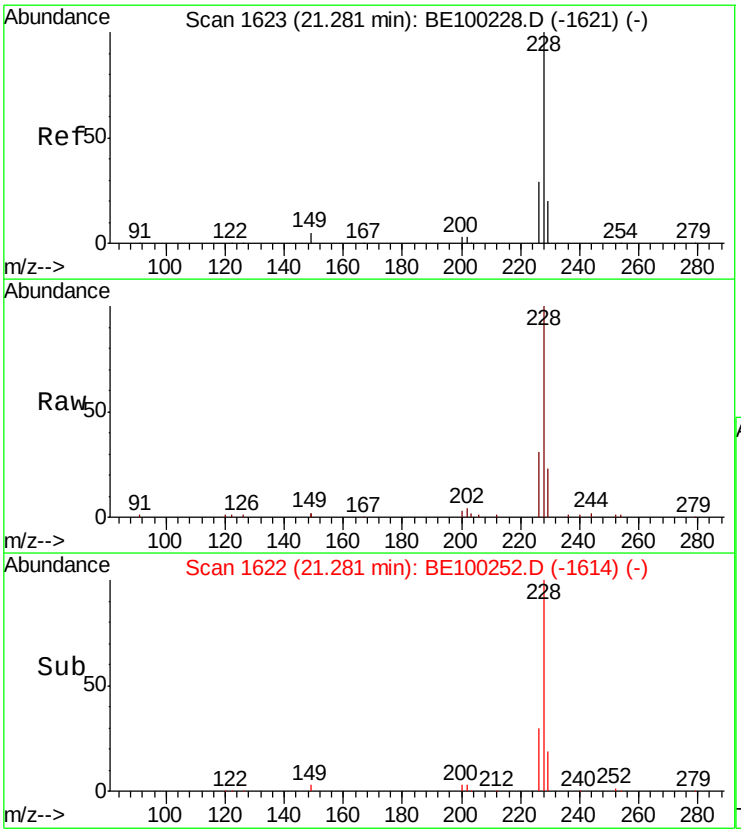
#30
Benzo(a)anthracene
Concen: 2.005 ng
RT: 21.28 min Scan# 1622
Delta R.T. 0.06 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:228 Resp: 60669

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.2	34.8
229	22.9	15.7	23.5

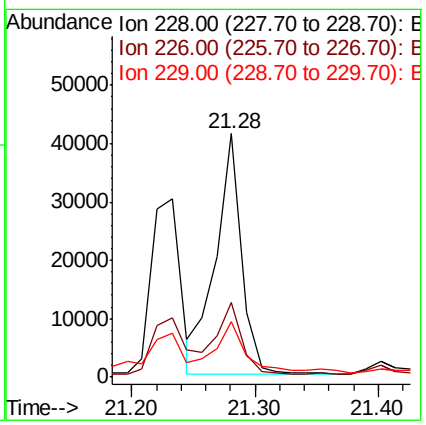


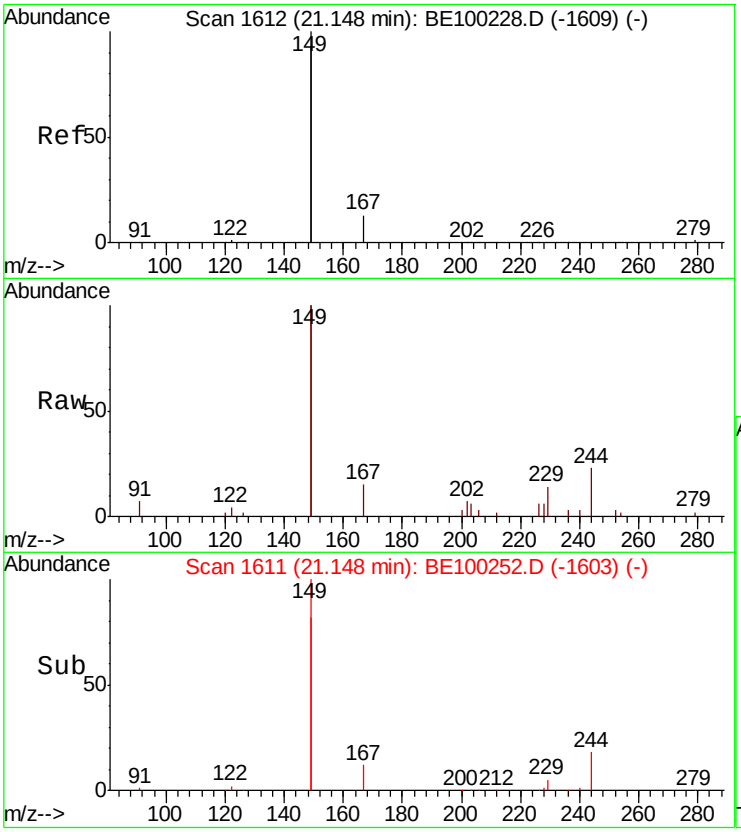


#31
Chrysene
Concen: 1.982 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:228 Resp: 60215

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	22.9	16.5	24.7



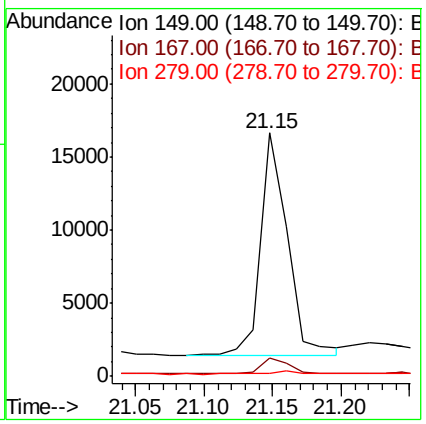


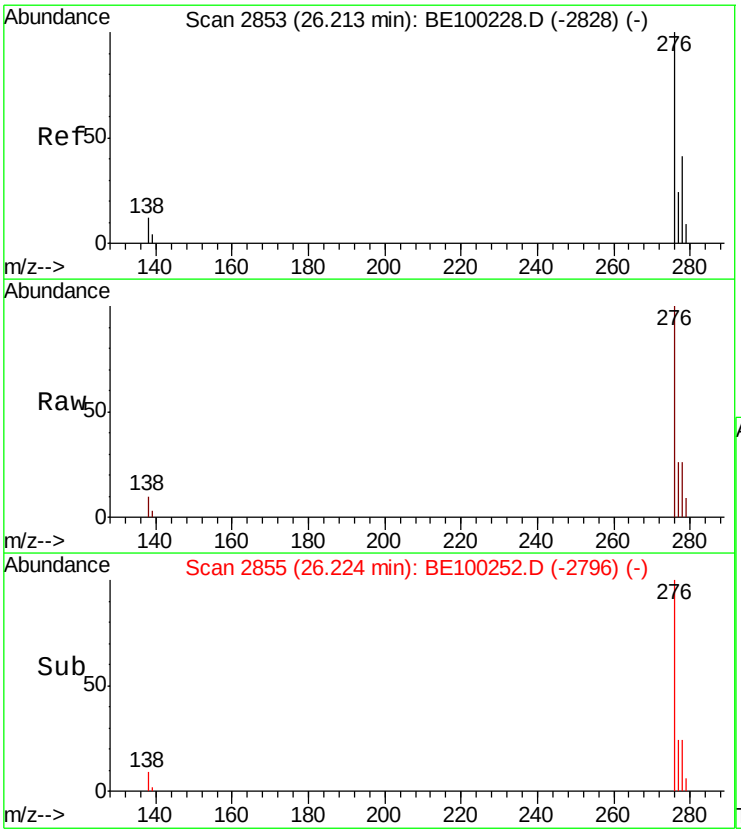
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.431 ng
RT: 21.15 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:149 Resp: 20911

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.8	8.8
279	1.7	1.1	1.7

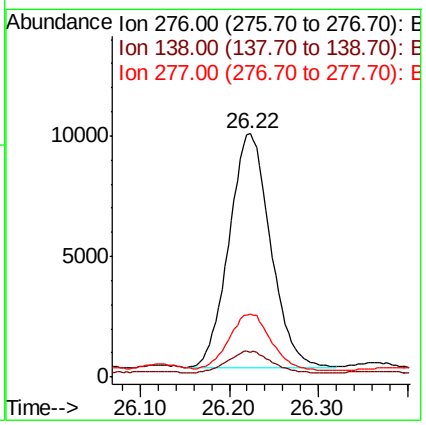


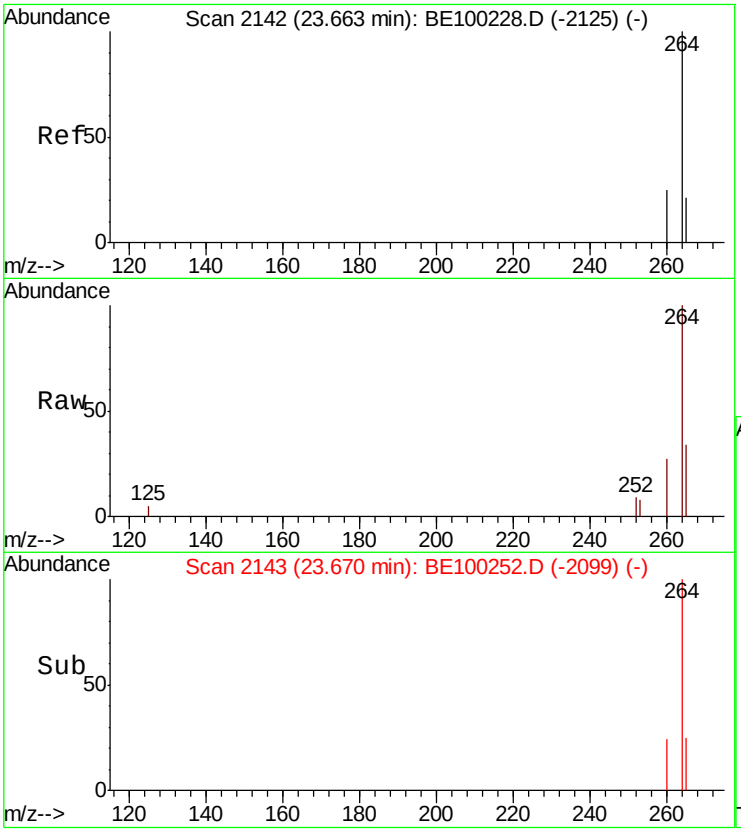


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.778 ng
RT: 26.22 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:276 Resp: 31279

Ion	Ratio	Lower	Upper
276	100		
138	9.8	9.4	14.0
277	24.8	19.2	28.8



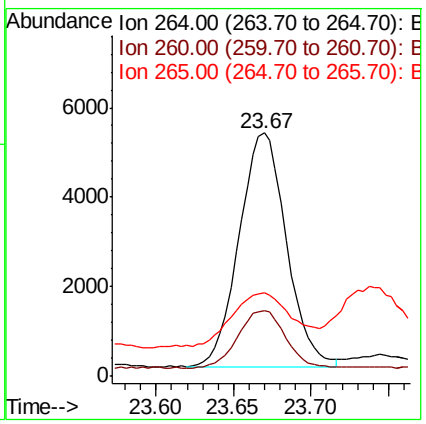


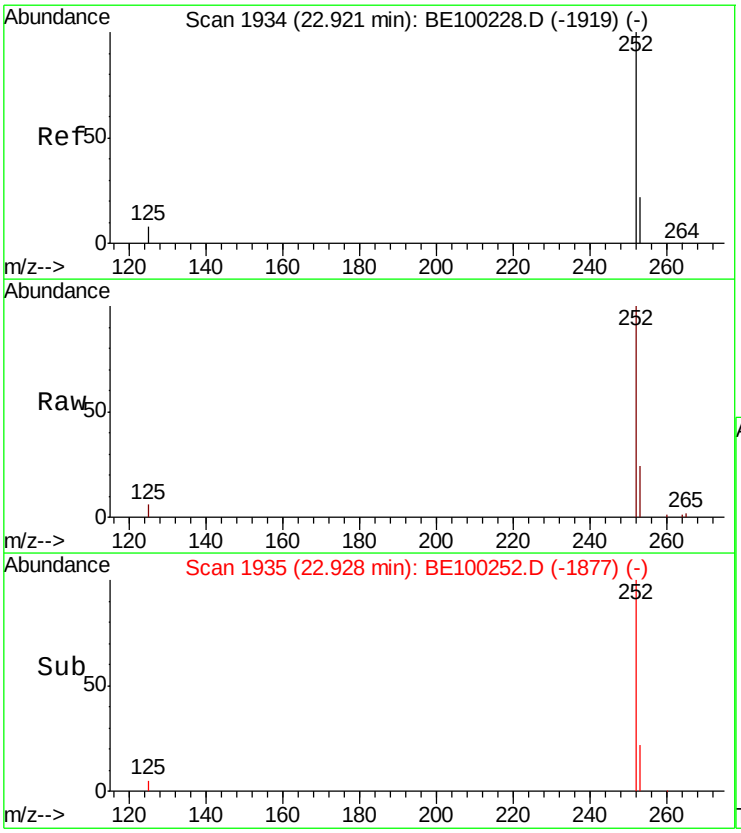
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:264 Resp: 11010

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.8	31.2
265	34.2	21.8	32.6#

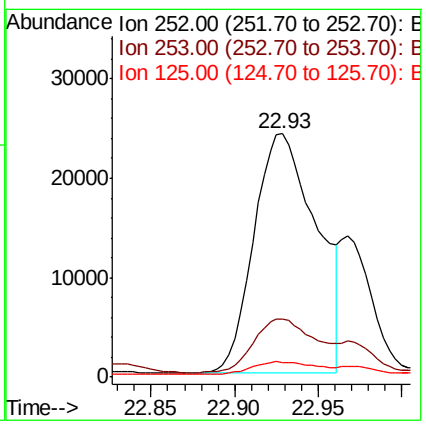


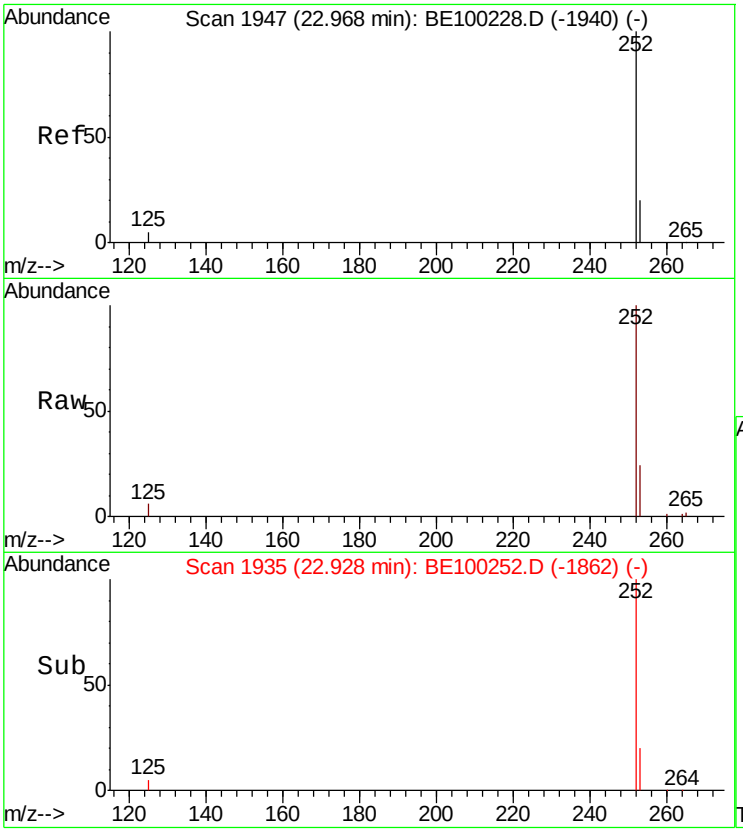


#35
Benzo(b)fluoranthene
Concen: 2.096 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:252 Resp: 62554

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	6.2	7.4	11.0#



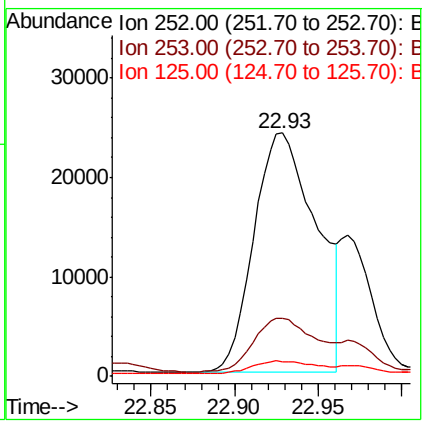


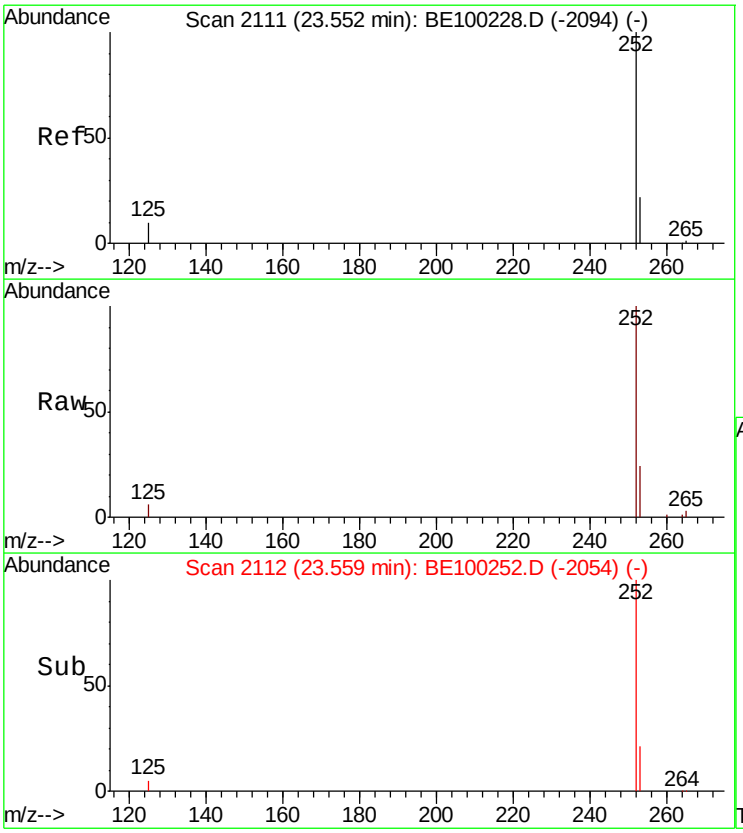
#36
Benzo(k)fluoranthene
Concen: 1.877 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:252 Resp: 62554

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	6.2	5.0	7.4

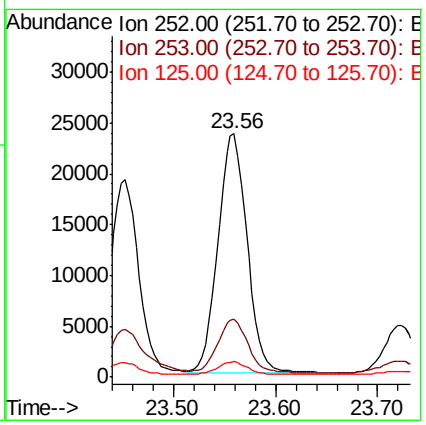


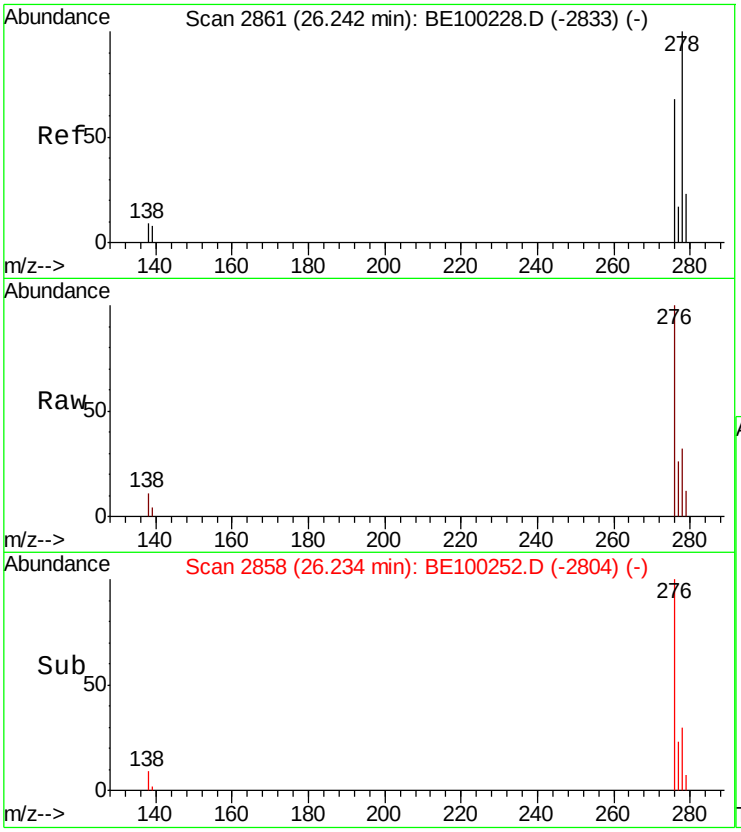


#37
Benzo(a)pyrene
Concen: 1.563 ng
RT: 23.56 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:252 Resp: 46753

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.6	29.4
125	6.2	9.0	13.6#



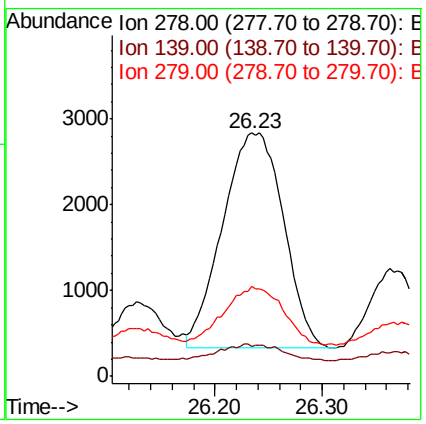


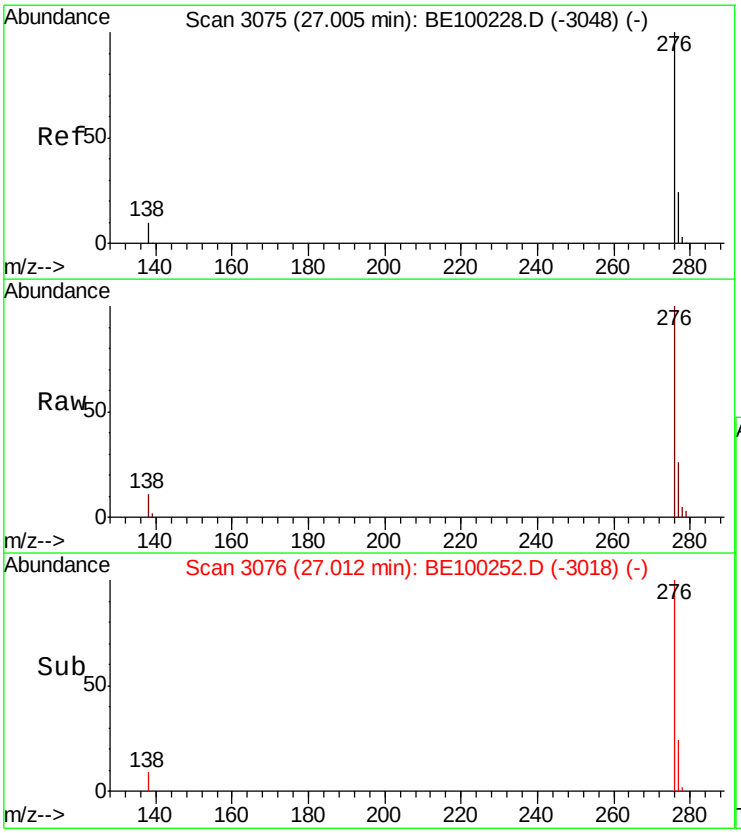
#38
Dibenzo(a,h)anthracene
Concen: 0.316 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :
EXT-029-SW171-061719

Tgt Ion:278 Resp: 9874

Ion	Ratio	Lower	Upper
278	100		
139	12.1	8.2	12.2
279	36.9	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.078 ng
RT: 27.01 min Scan# 3076
Delta R.T. 0.01 min
Lab File: BE100252.D
Acq: 29 Jun 2019 1:41

Tgt Ion:276 Resp: 34601

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.2	30.2
138	10.9	9.0	13.6