Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100337.D
Acq On : 3 Jul 2019 20:16
Operator : JU/SJ
Sample : K3558-02 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 04 00:36:54 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	678	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2558	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2217	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	6545	0.40	ng		0.00
27) Chrysene-d12	21.25	240	10159	0.40	ng		0.00
34) Perylene-d12	23.67	264	11542	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	64	0.04	ng		-0.01
5) Phenol-d6	6.87	99	68	0.03	ng		0.03
8) Nitrobenzene-d5	8.82	82	54	0.02	ng		0.00
11) 2-Methylnaphthalene-d10	12.04	152	160	0.03	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	59	0.04	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	271	0.03	ng		-0.01
25) Fluoranthene-d10	19.09	212	3371	0.04	ng		0.00
29) Terphenyl-d14	19.69	244	2145	0.10	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.47	42	24	0.049	ng	#	1
9) Naphthalene	10.48	128	11102	0.394	ng		99
12) 2-Methylnaphthalene	12.11	142	2129	0.430	ng		98
16) Acenaphthylene	14.02	152	34708	3.262	ng		99
17) Acenaphthene	14.37	154	2653	0.440	ng		96
18) Fluorene	15.35	166	9591	1.076	ng	#	72
23) Phenanthrene	17.10	178	238458	15.032	ng		99
24) Anthracene	17.19	178	28872	2.021	ng		98
26) Fluoranthene	19.13	202	417693	16.531	ng		97
28) Pyrene	19.49	202	680963	25.318	ng		96
30) Benzo(a)anthracene	21.22	228	342016	10.239	ng		95
31) Chrysene	21.28	228	427135	12.734	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	5072	0.050	ng	#	86
33) Indeno(1,2,3-cd)pyrene	26.22	276	170065	3.833	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	424654	13.570	ng	#	95
36) Benzo(k)fluoranthene	23.11	252	57027	1.633	ng		93
37) Benzo(a)pyrene	23.56	252	265291	8.459	ng	#	92
38) Dibenzo(a,h)anthracene	26.23	278	51096	1.560	ng	#	89
39) Benzo(g,h,i)perylene	27.01	276	202507	6.018	ng		98

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

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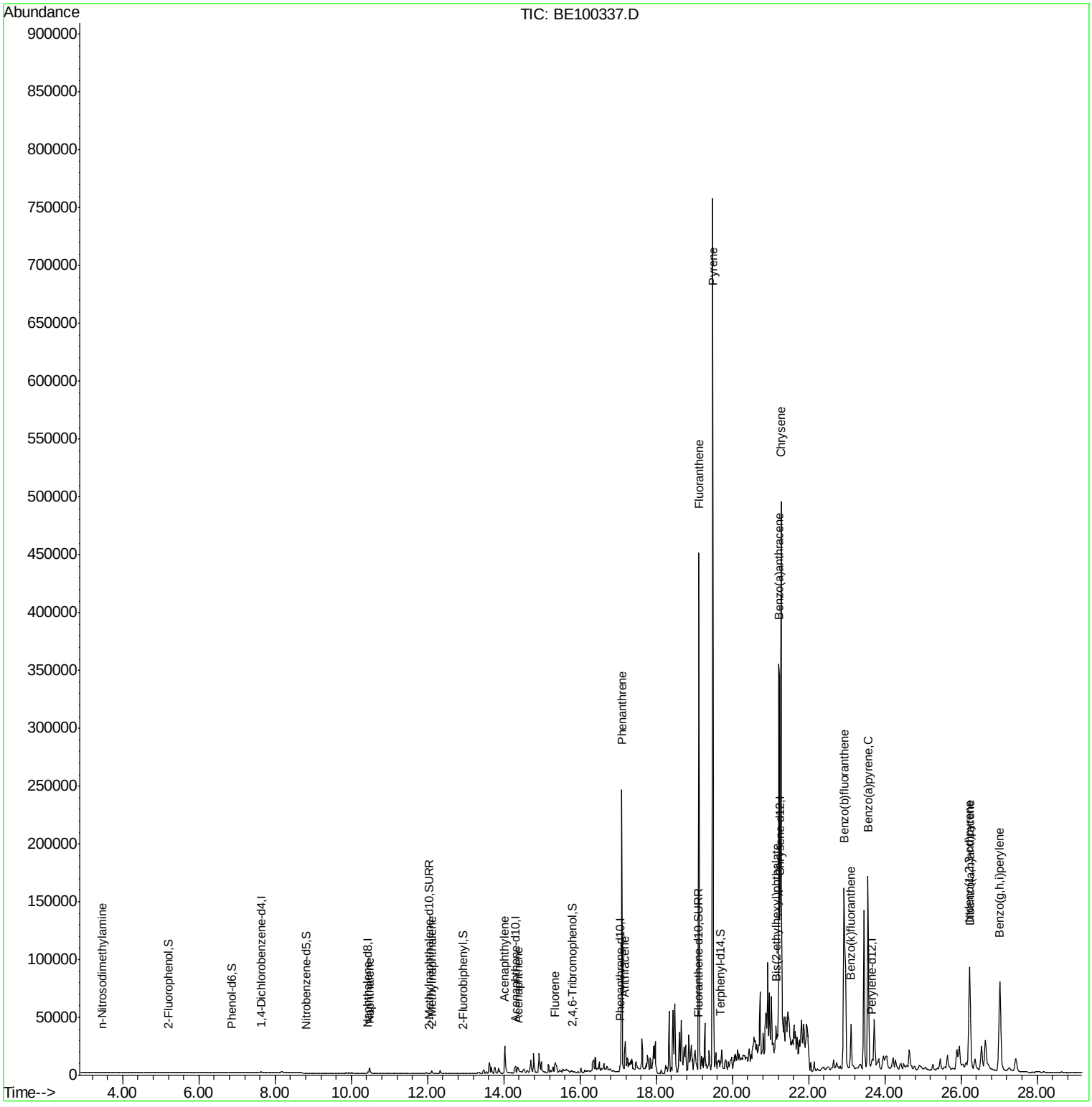
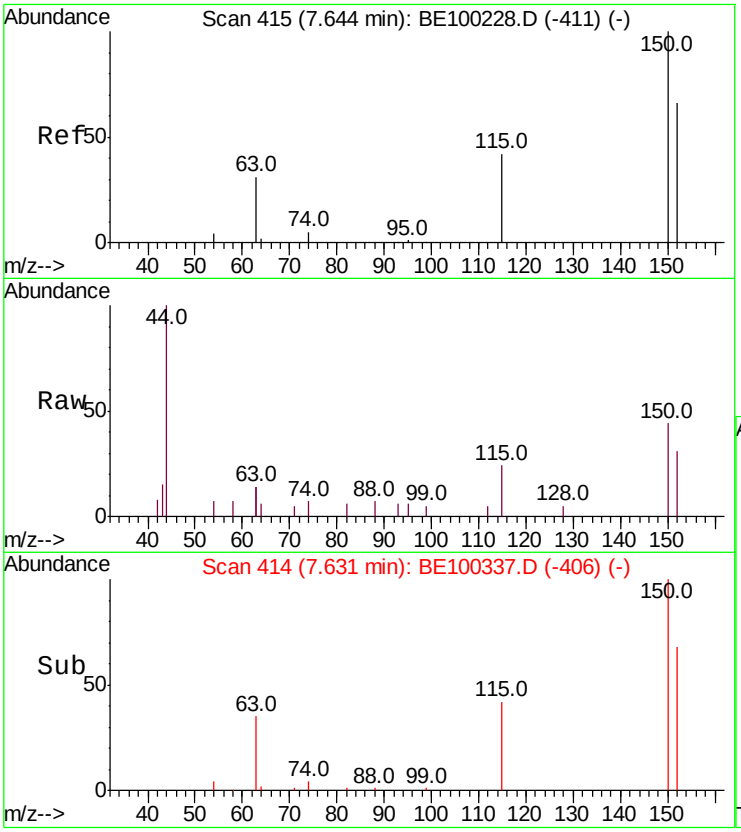


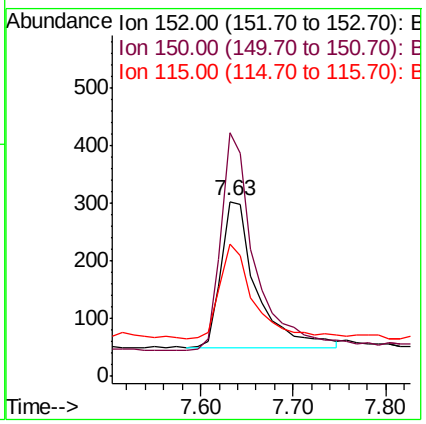


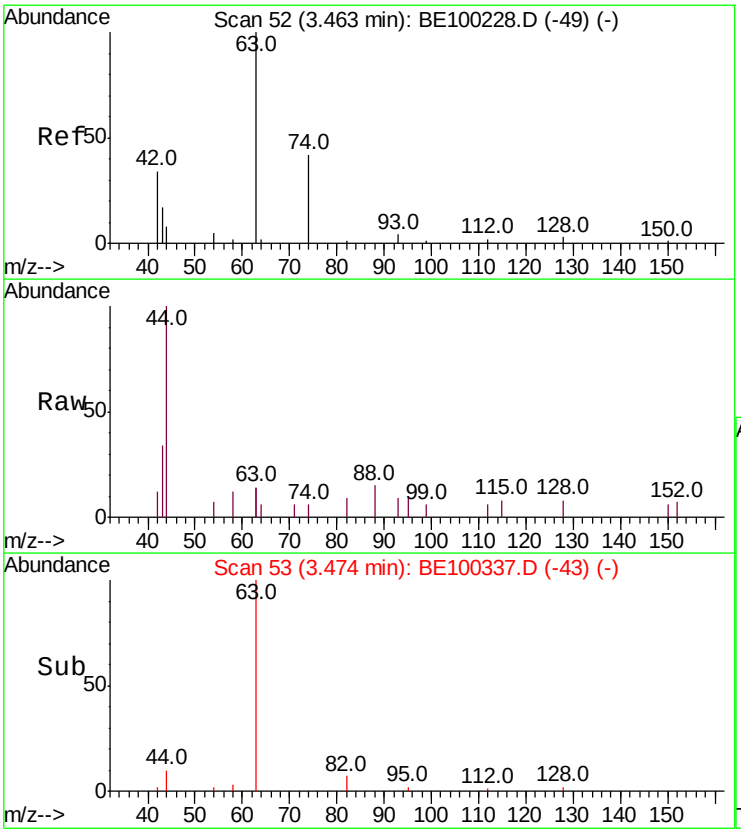
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 678

Ion	Ratio	Lower	Upper
152	100		
150	139.1	114.5	171.7
115	75.7	57.1	85.7

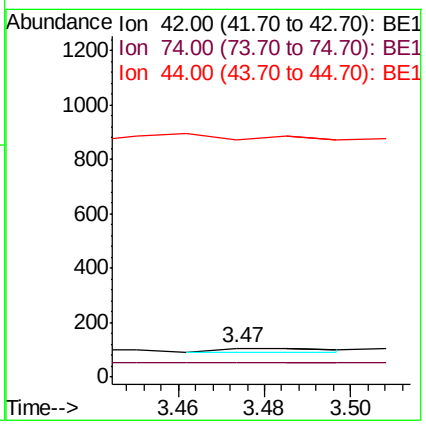


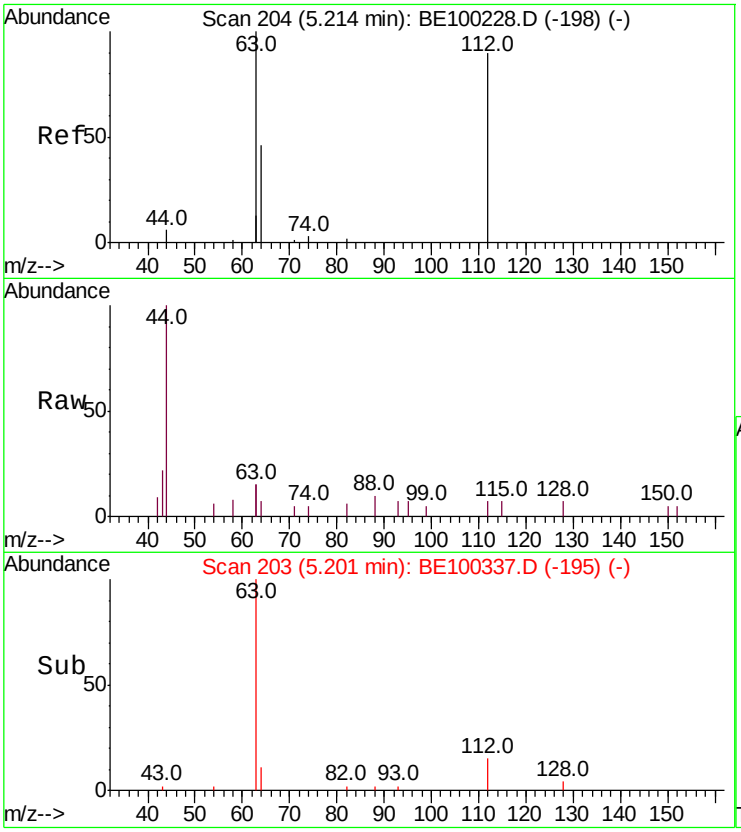


#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.47 min Scan# 53
Delta R.T. 0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	320.8	38.0	57.0#



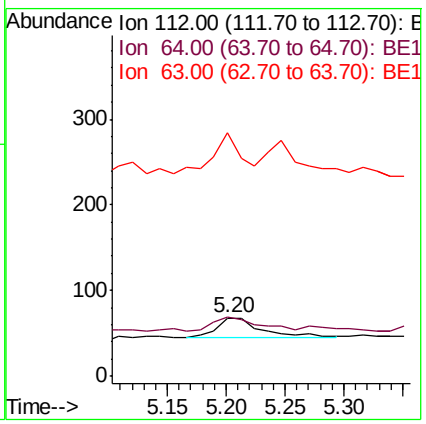


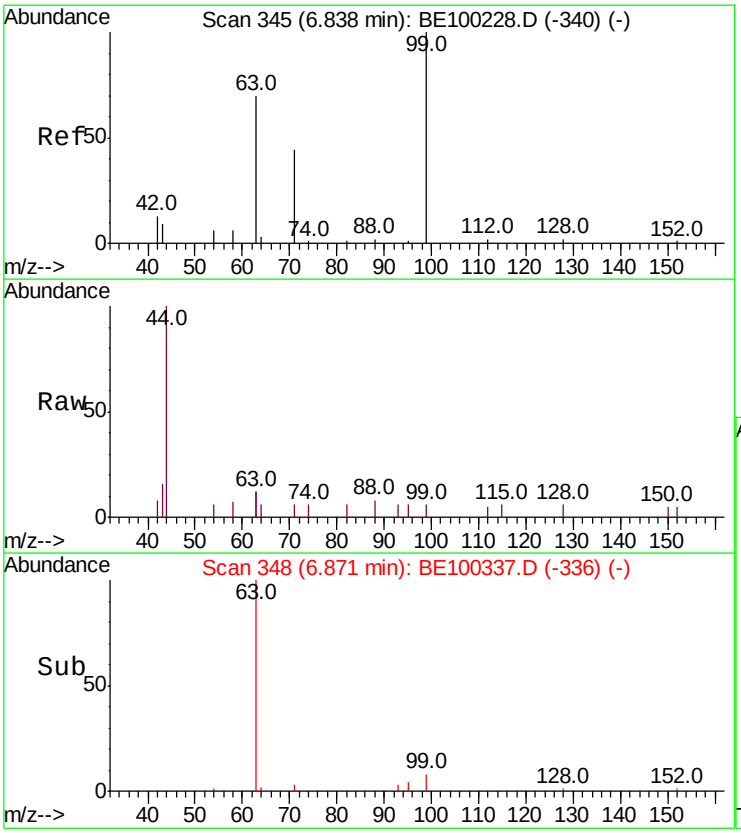
#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 64

Ion	Ratio	Lower	Upper
112	100		
64	67.2	39.4	59.0#
63	118.8	104.5	156.7

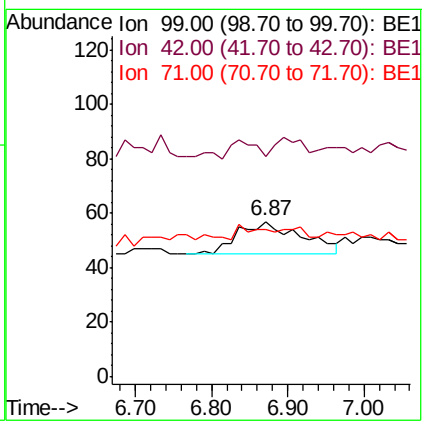


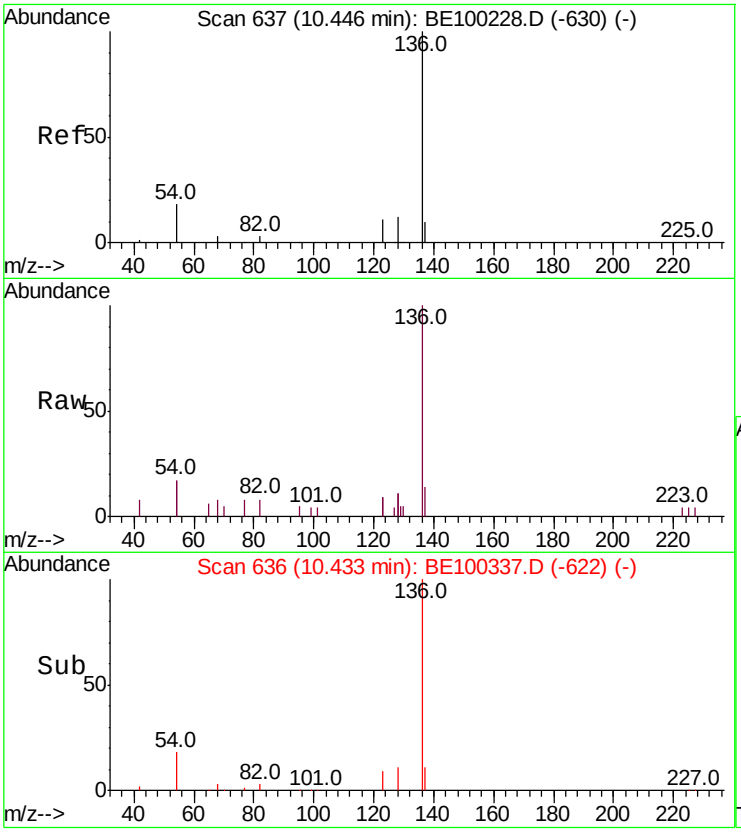


#5
Phenol-d6
Concen: 0.030 ng
RT: 6.87 min Scan# 348
Delta R.T. 0.03 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion: 99 Resp: 68

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



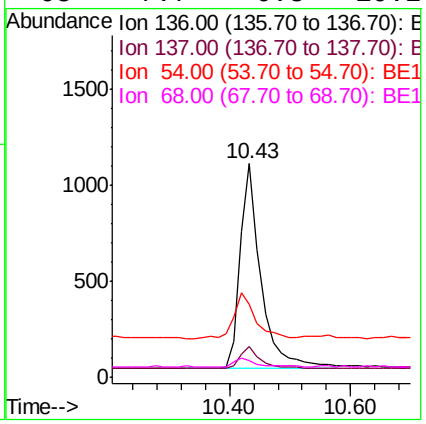


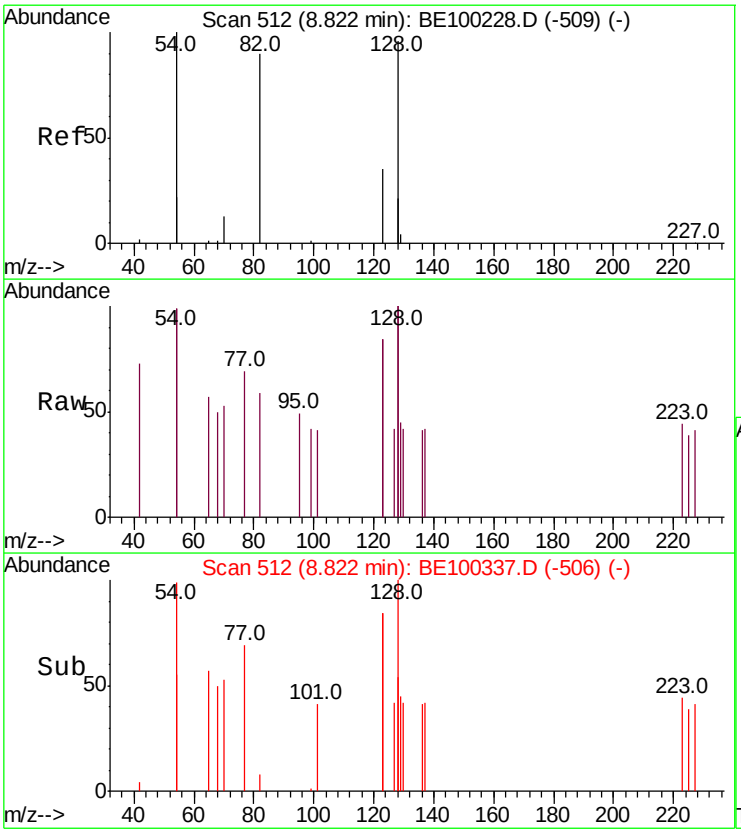
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2558

Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.8	17.8
54	34.2	27.7	41.5
68	7.7	6.8	10.2

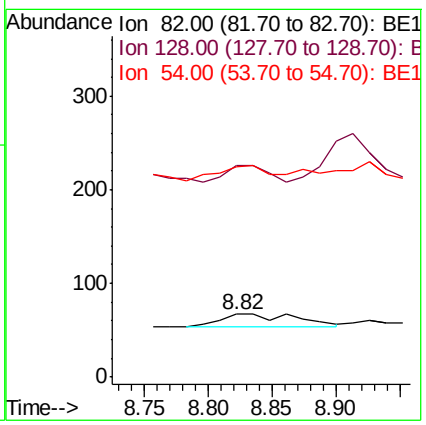


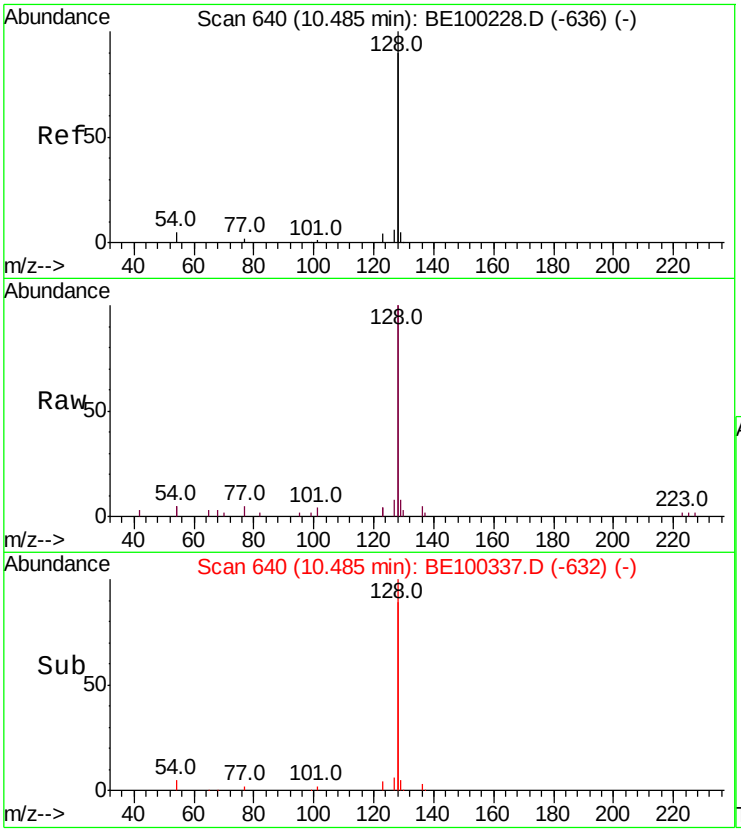


#8
Nitrobenzene-d5
Concen: 0.021 ng
RT: 8.82 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion: 82 Resp: 54

Ion	Ratio	Lower	Upper
82	100		
128	337.3	140.9	211.3#
54	334.3	146.2	219.2#



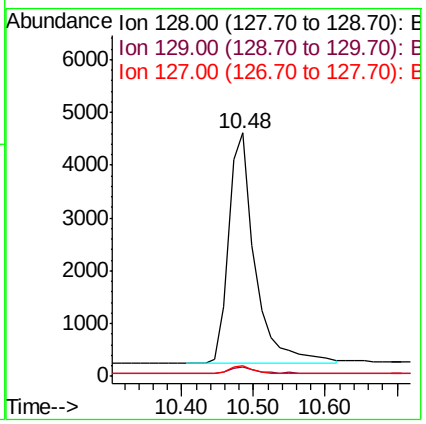


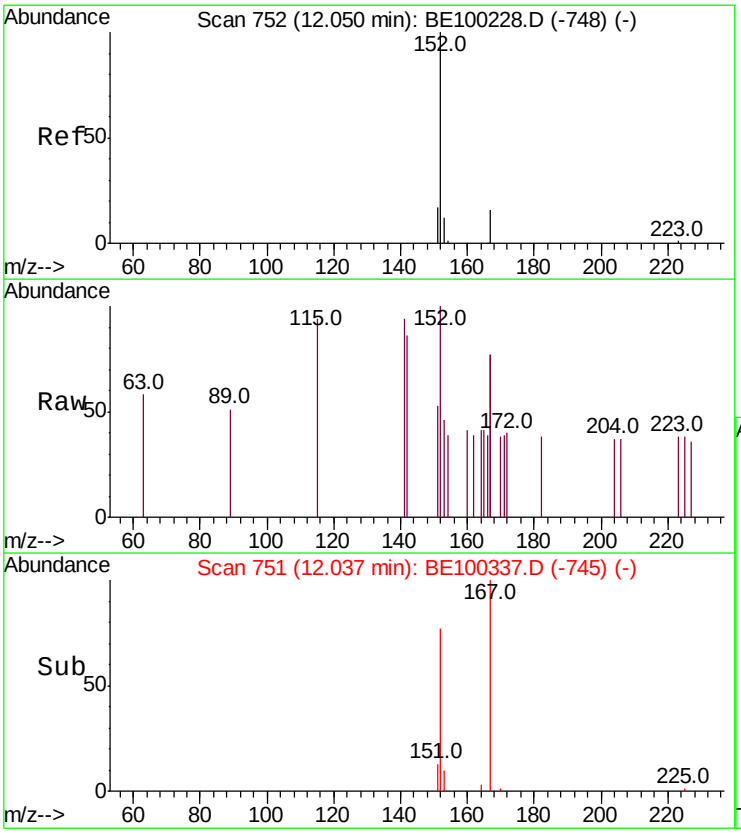
#9
Naphthalene
Concen: 0.394 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 11102

Ion	Ratio	Lower	Upper
128	100		
129	3.9	3.0	4.6
127	4.1	3.5	5.3

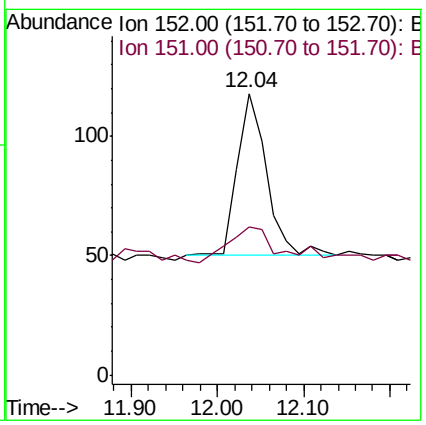


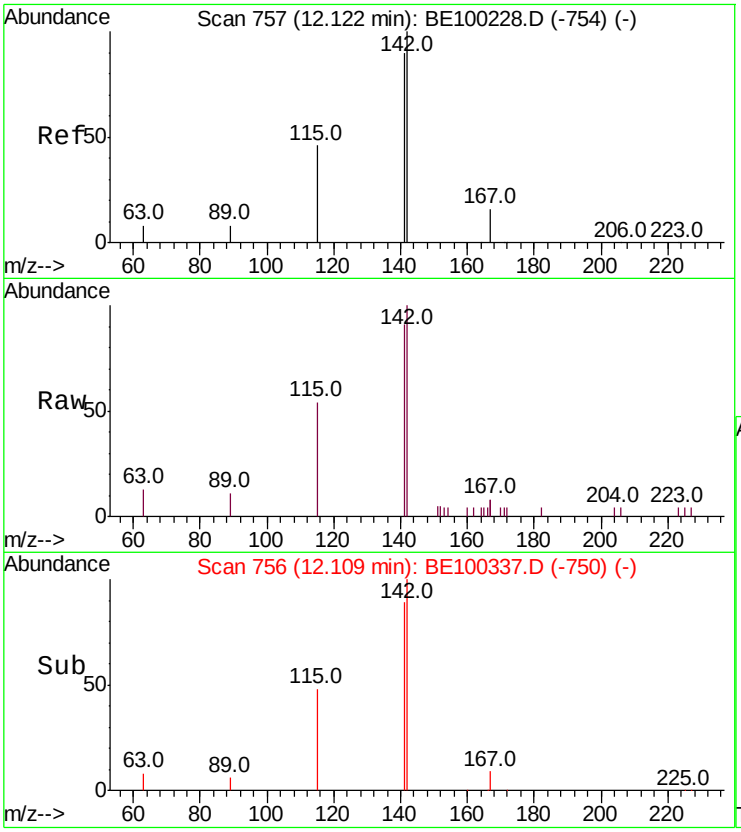


#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:152 Resp: 160

Ion	Ratio	Lower	Upper
152	100		
151	33.8	15.1	22.7#



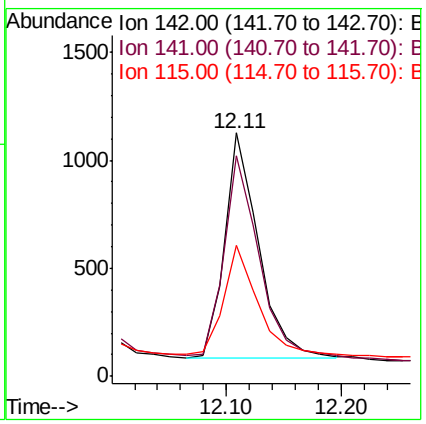


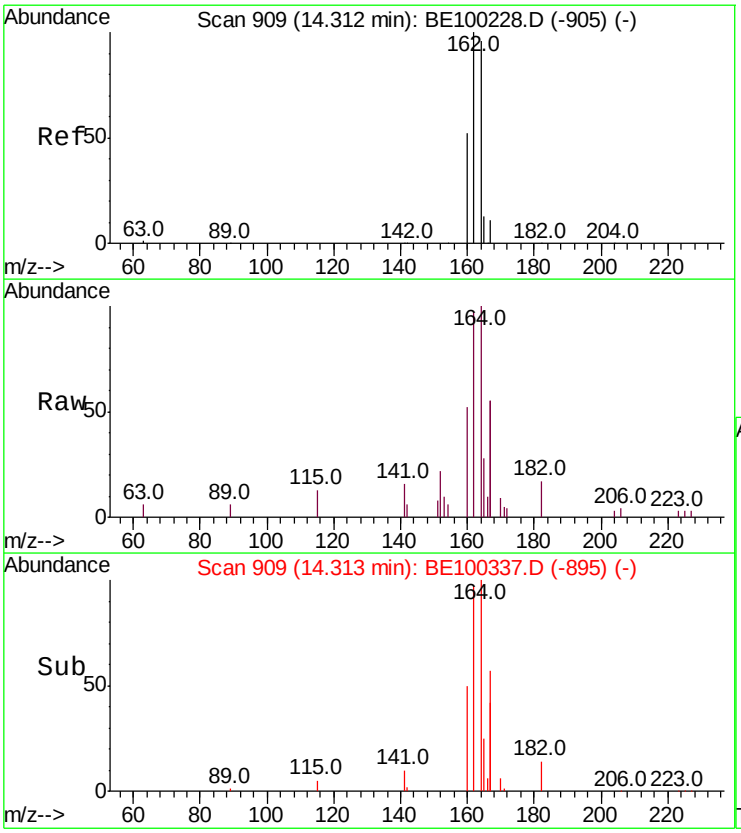
#12
2-Methylnaphthalene
Concen: 0.430 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2129

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.4	108.6
115	54.0	40.4	60.6

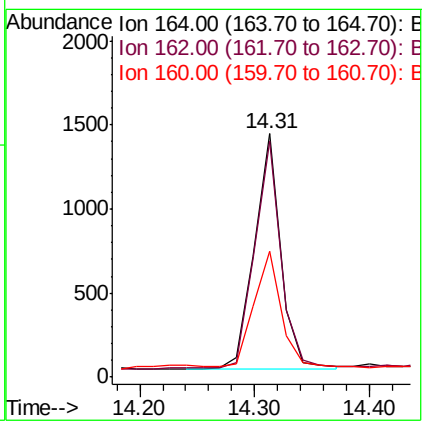


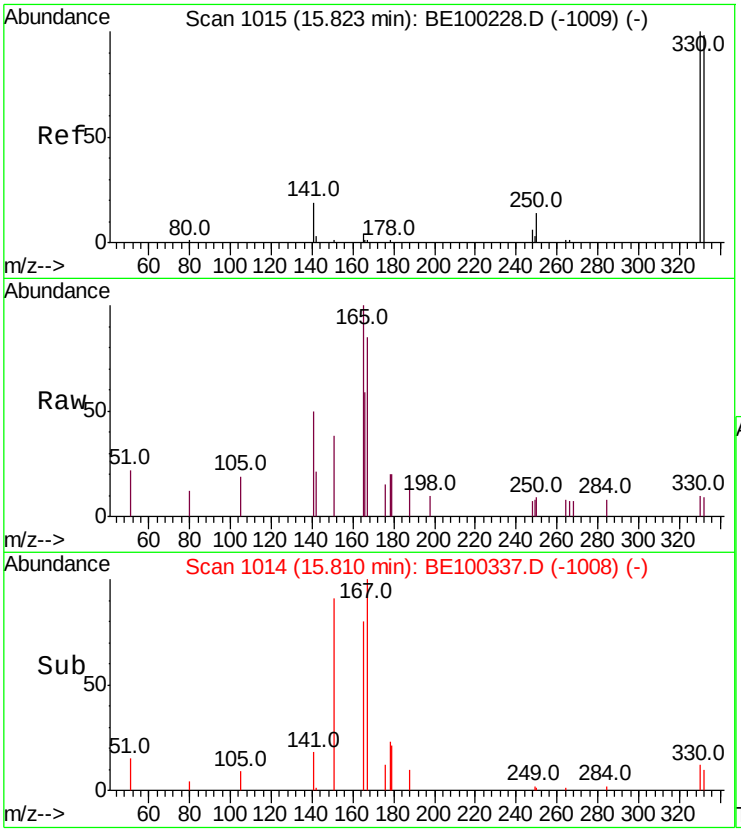


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:164 Resp: 2217

Ion	Ratio	Lower	Upper
164	100		
162	96.8	83.4	125.0
160	51.9	45.0	67.6



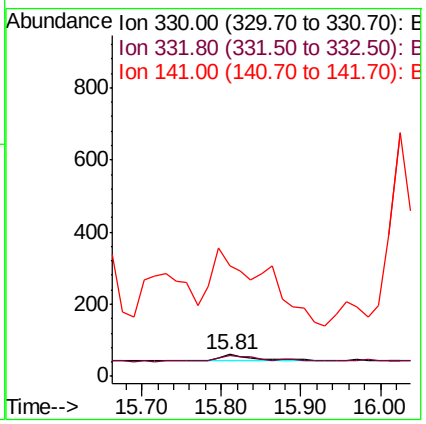


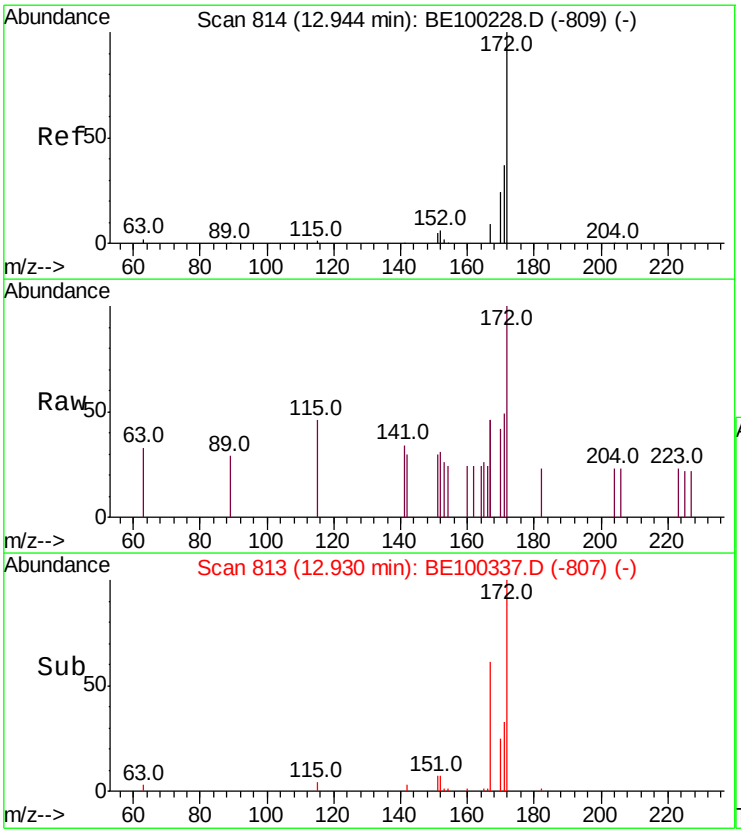
#14
2,4,6-Tribromophenol
Concen: 0.038 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 59

Ion	Ratio	Lower	Upper
330	100		
332	67.8	77.0	115.4#
141	1747.5	22.0	33.0#

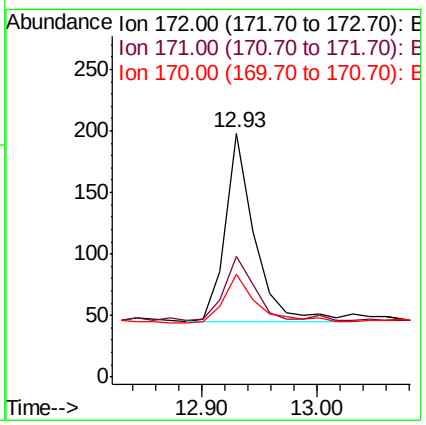


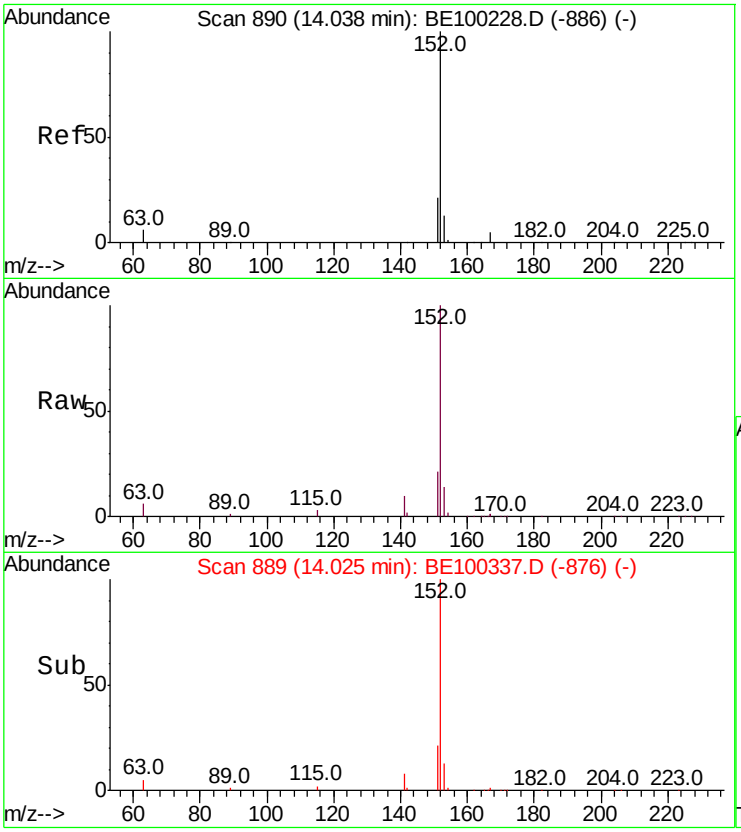


#15
2-Fluorobiphenyl
Concen: 0.031 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:172 Resp: 271

Ion	Ratio	Lower	Upper
172	100		
171	49.5	31.9	47.9#
170	41.9	22.2	33.2#



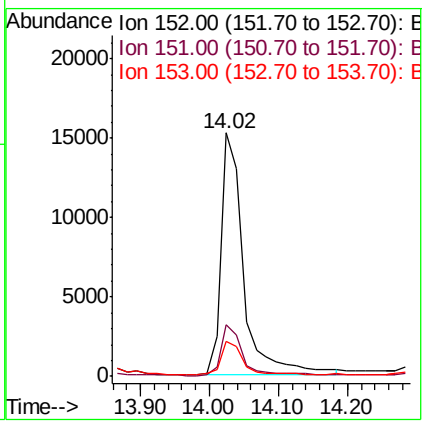


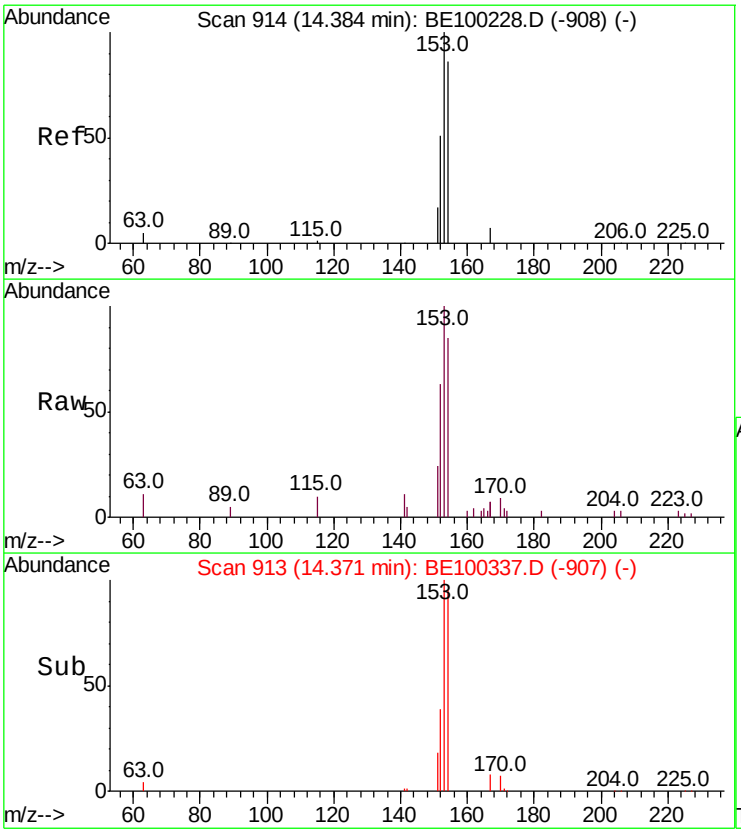
#16
Acenaphthylene
Concen: 3.262 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 34708

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	13.2	10.5	15.7

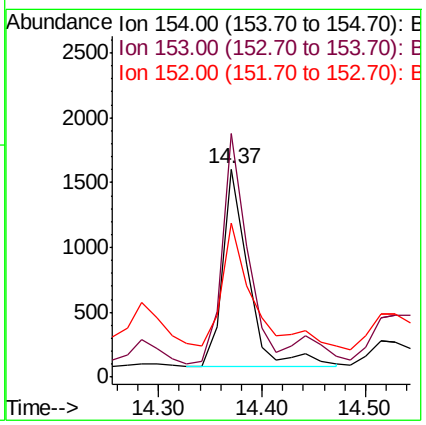


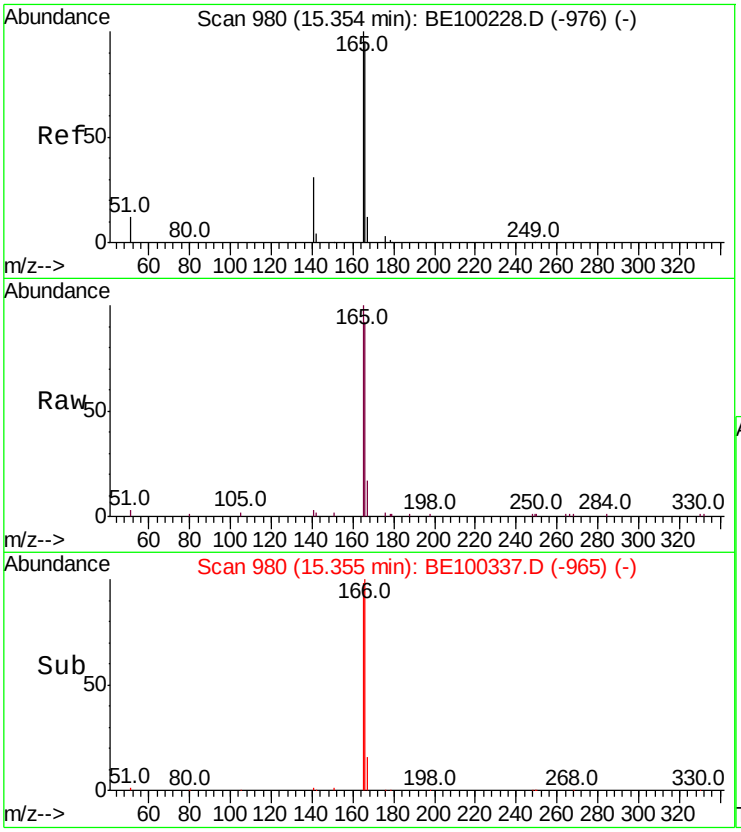


#17
Acenaphthene
Concen: 0.440 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:154 Resp: 2653

Ion	Ratio	Lower	Upper
154	100		
153	117.0	93.4	140.2
152	71.1	49.4	74.2



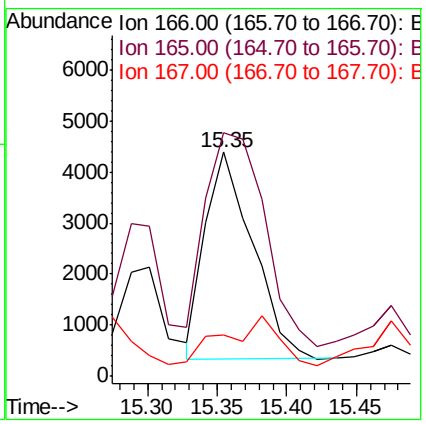


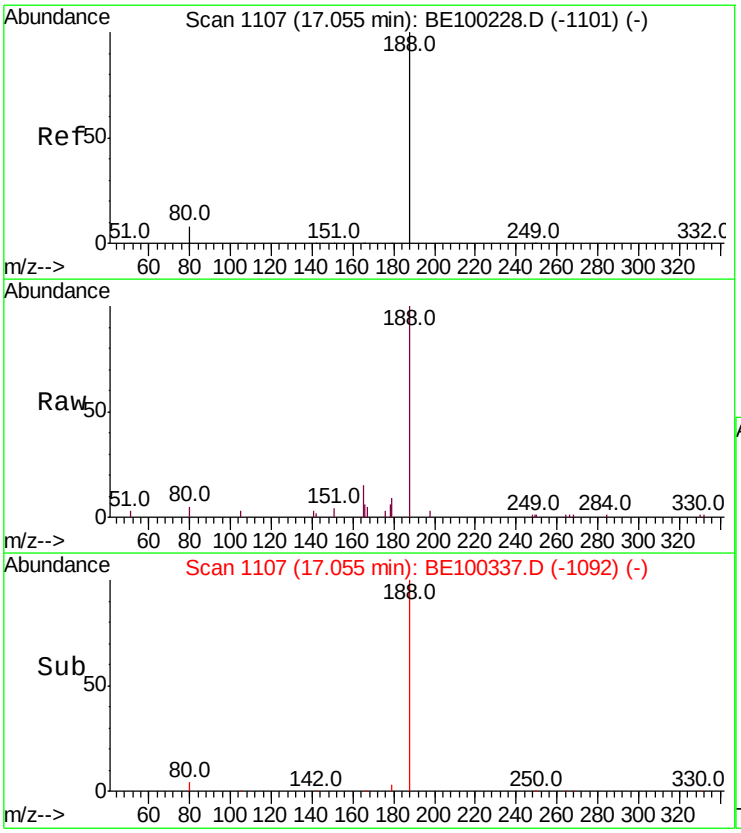
#18
Fluorene
Concen: 1.076 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 9591

Ion	Ratio	Lower	Upper
166	100		
165	128.4	81.1	121.7#
167	0.0	10.7	16.1#

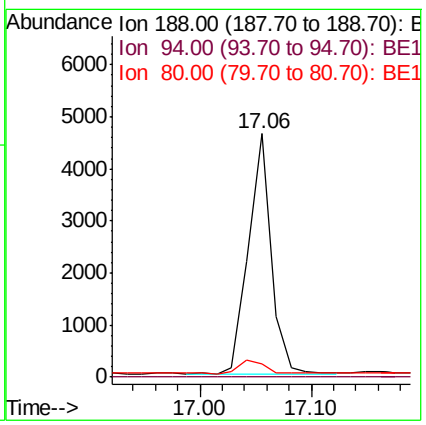


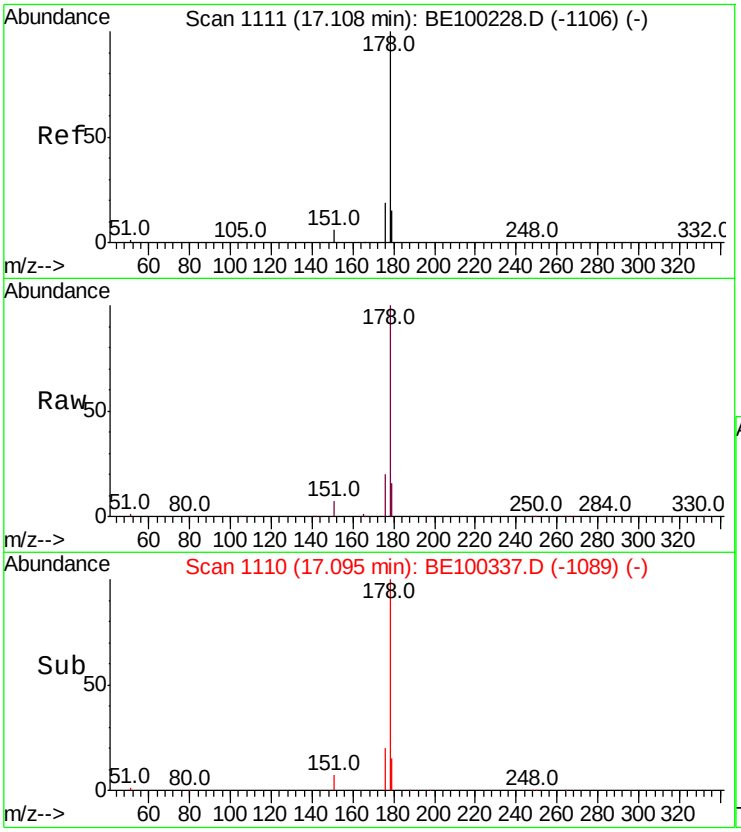


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:188 Resp: 6545

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.4	7.6	11.4#



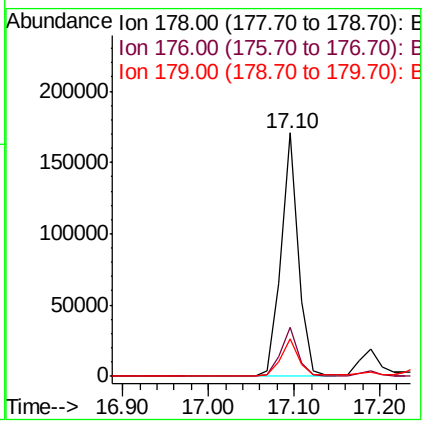


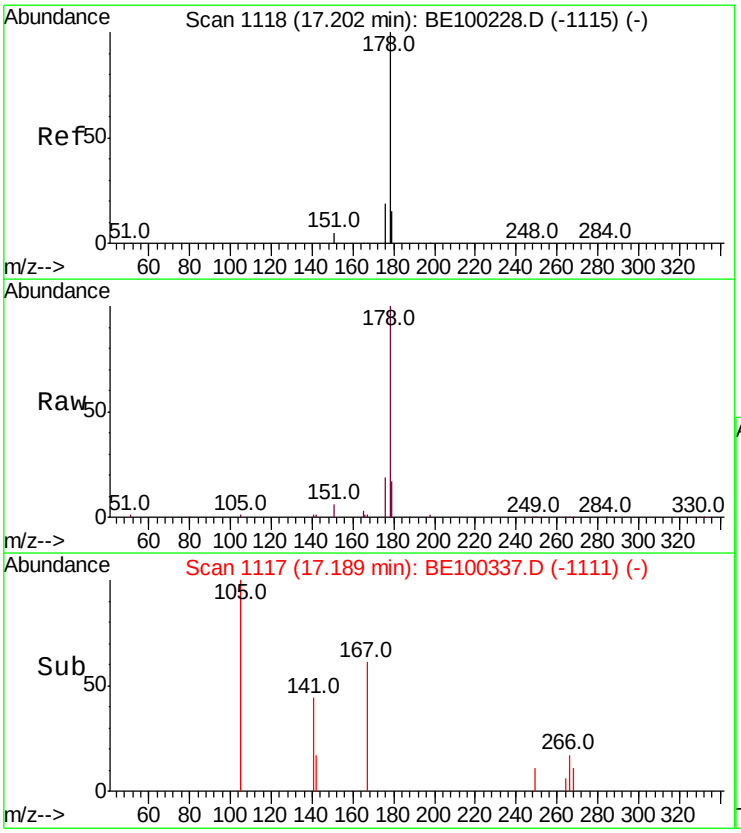
#23
Phenanthrene
Concen: 15.032 ng
RT: 17.10 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 238458

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.8	12.2	18.2

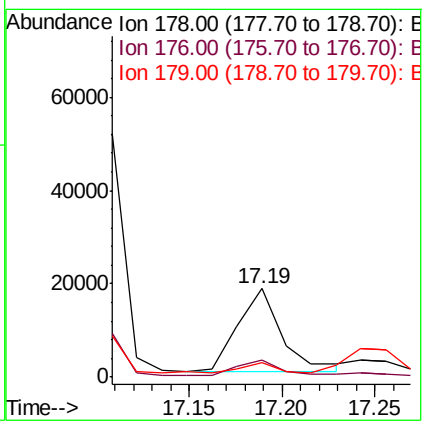


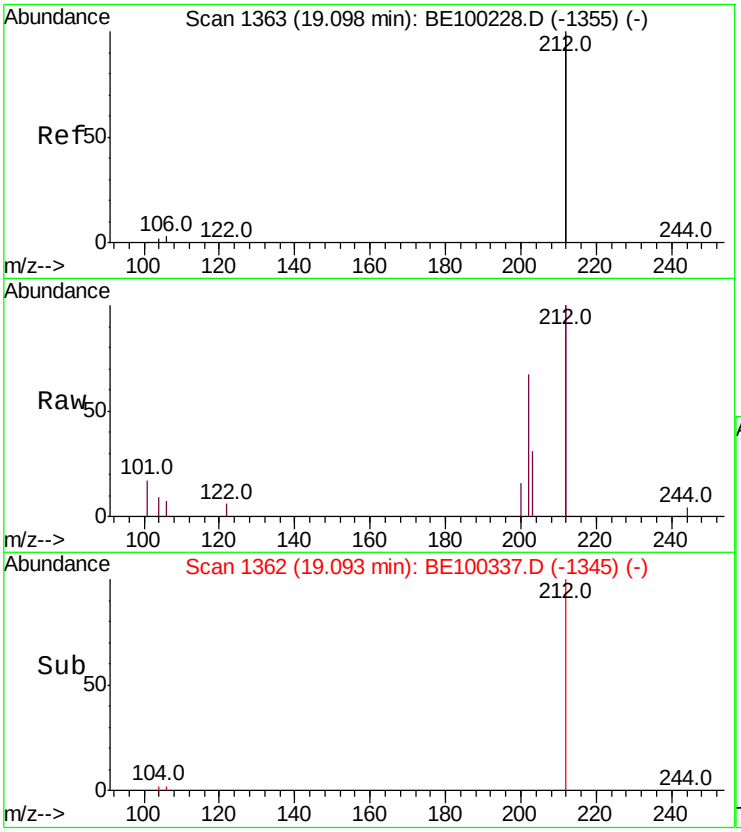


#24
Anthracene
Concen: 2.021 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:178 Resp: 28872

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	13.3	12.2	18.2



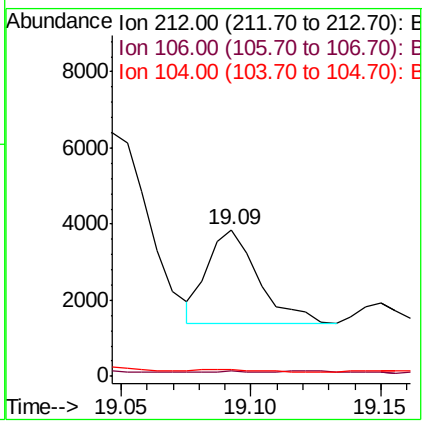


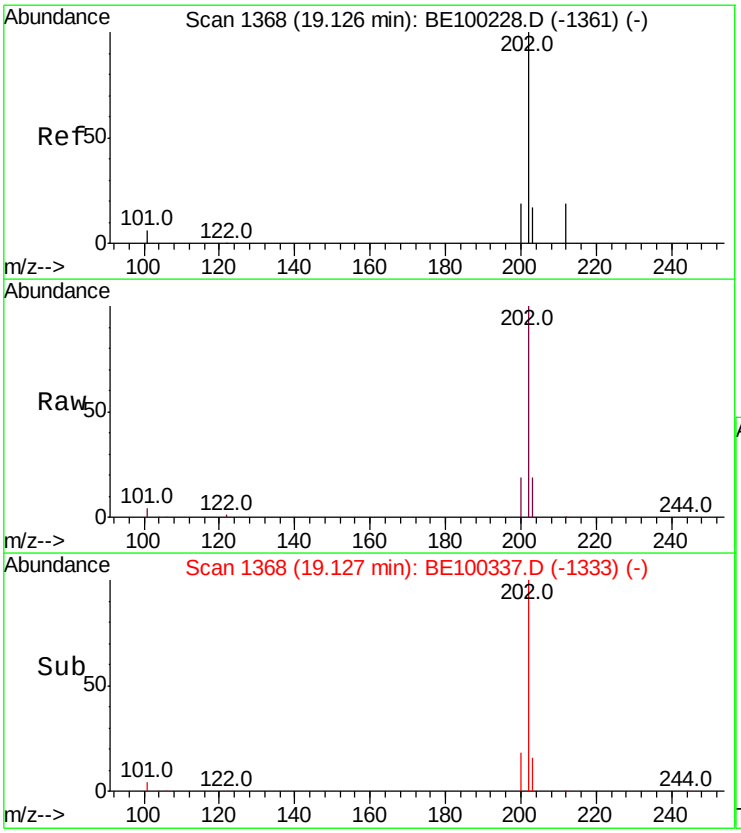
#25
Fluoranthene-d10
Concen: 0.035 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 3371

Ion	Ratio	Lower	Upper
212	100		
106	1.1	1.3	1.9#
104	3.4	0.8	1.2#

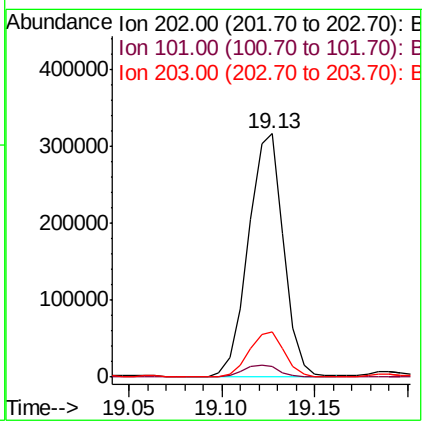


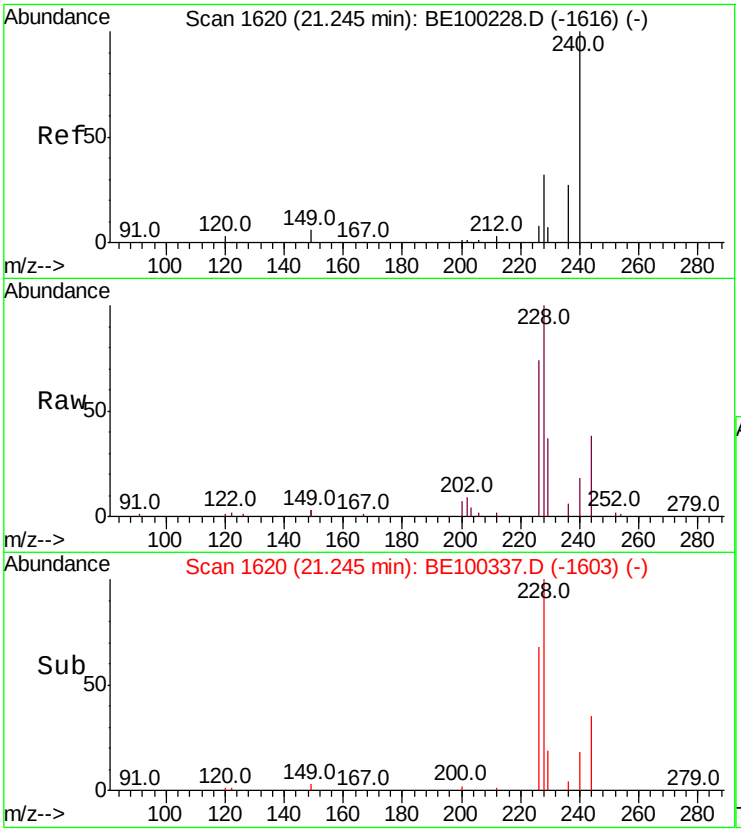


#26
Fluoranthene
Concen: 16.531 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:202 Resp: 417693

Ion	Ratio	Lower	Upper
202	100		
101	5.0	4.6	7.0
203	18.4	13.7	20.5



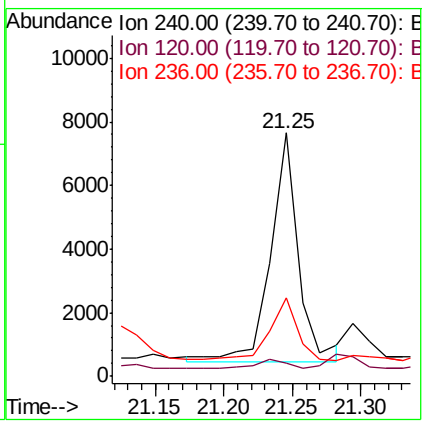


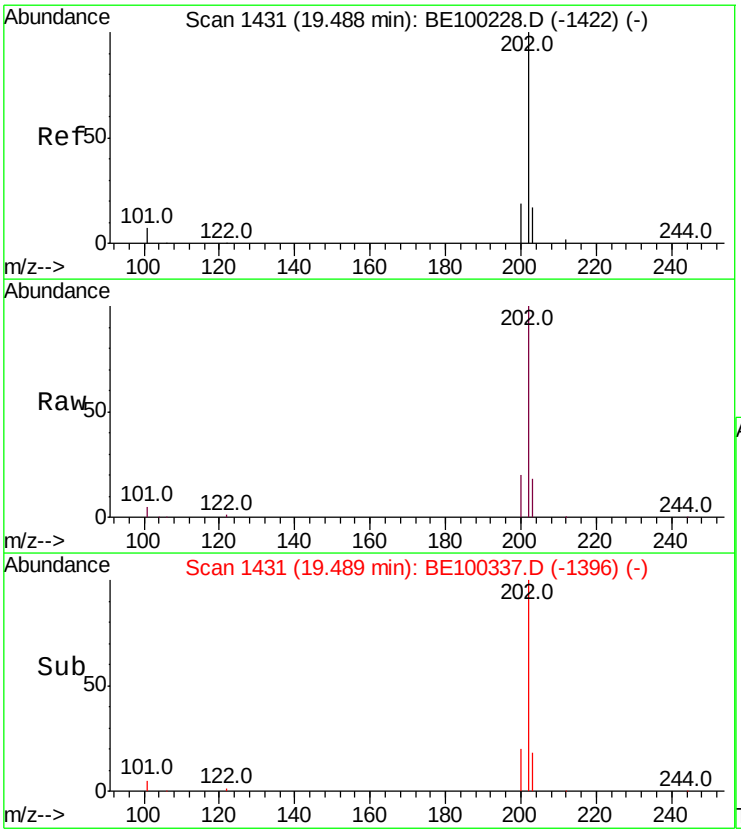
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10159

Ion	Ratio	Lower	Upper
240	100		
120	5.3	3.3	4.9#
236	32.1	22.6	34.0

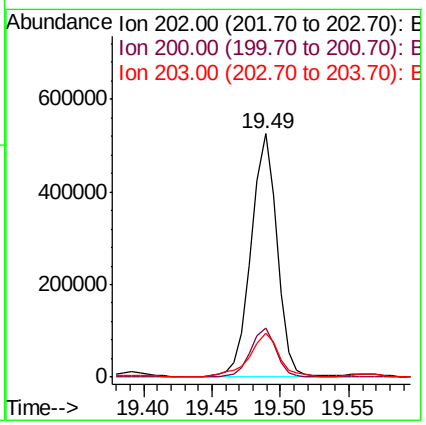


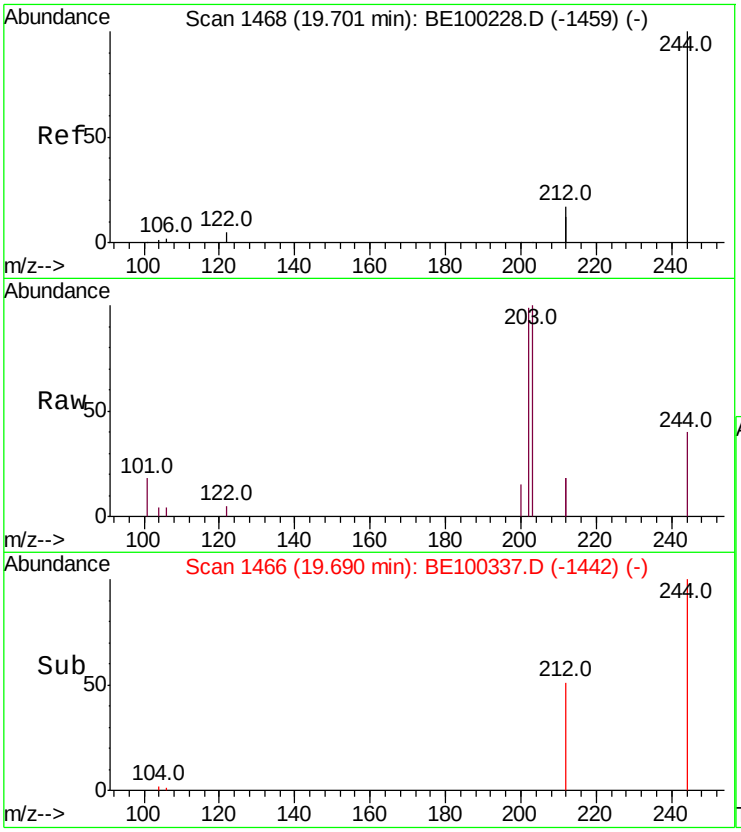


#28
Pyrene
Concen: 25.318 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:202 Resp: 680963

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.6	23.4
203	20.5	14.0	21.0



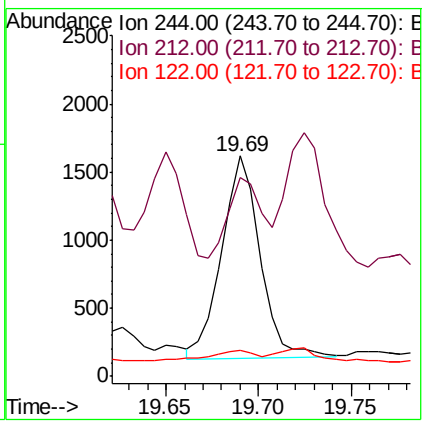


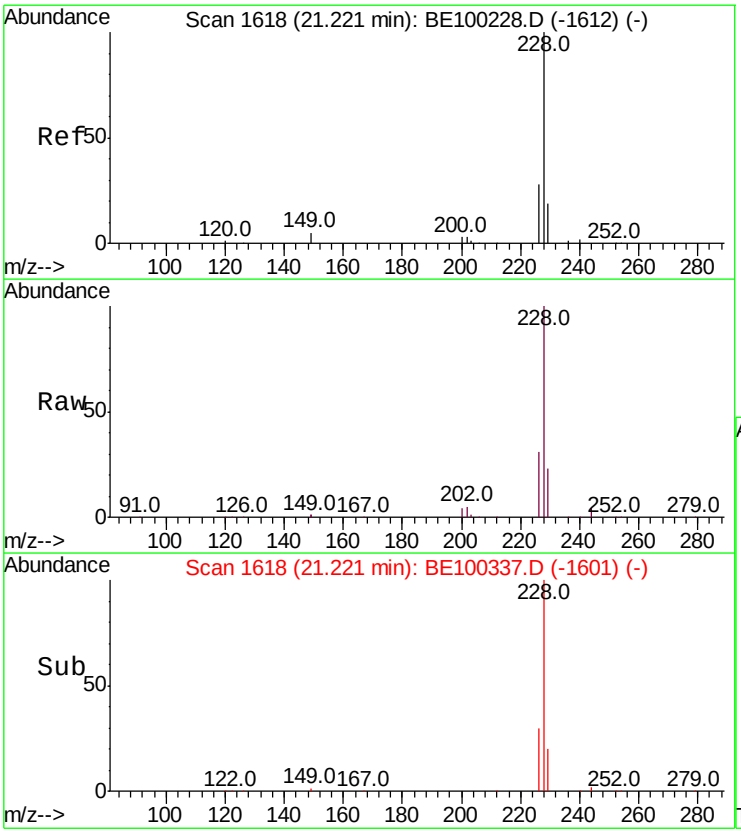
#29
Terphenyl-d14
Concen: 0.102 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2145

Ion	Ratio	Lower	Upper
244	100		
212	89.9	27.3	40.9#
122	12.0	4.7	7.1#

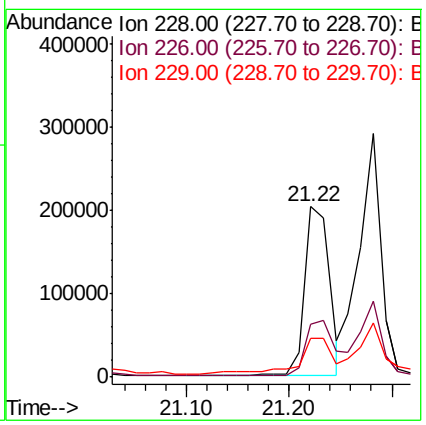


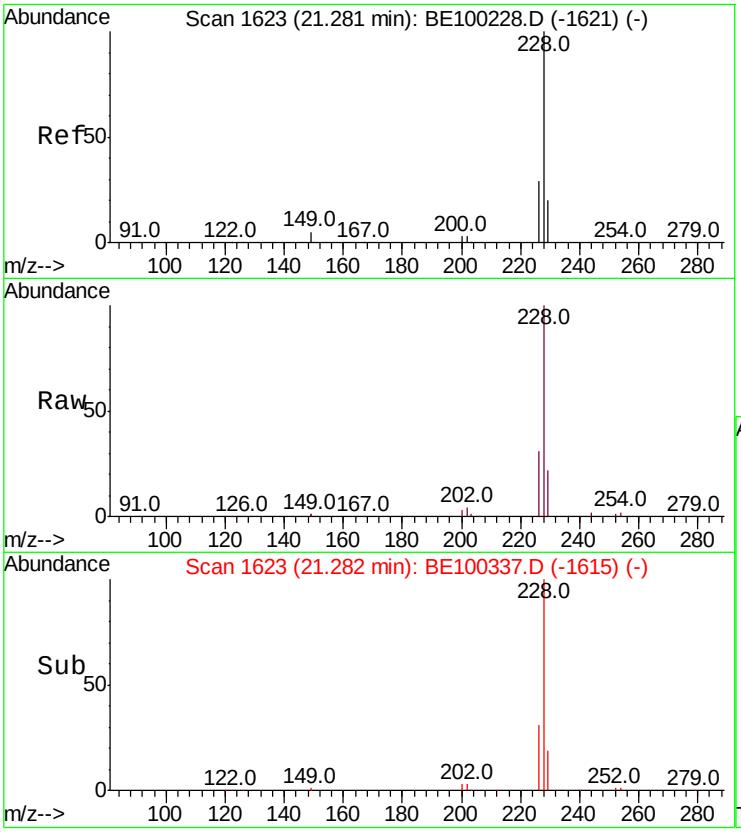


#30
Benzo(a)anthracene
Concen: 10.239 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:228 Resp: 342016

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.2	34.8
229	23.0	15.7	23.5



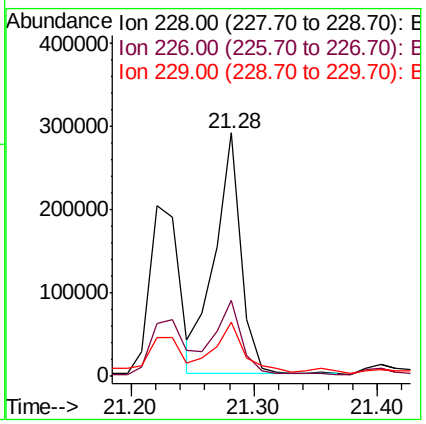


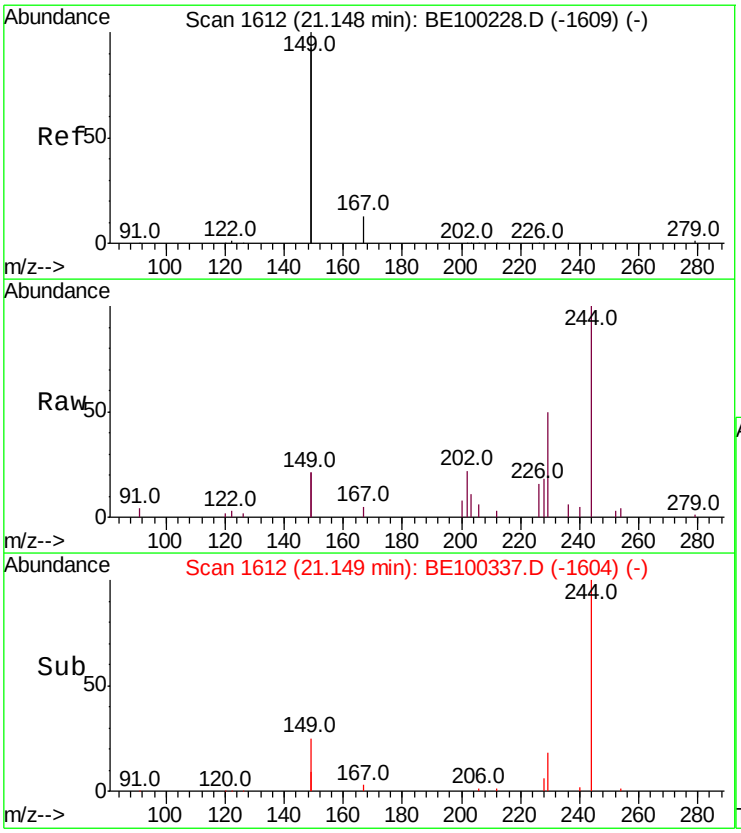
#31
Chrysene
Concen: 12.734 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 427135

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	22.3	16.5	24.7

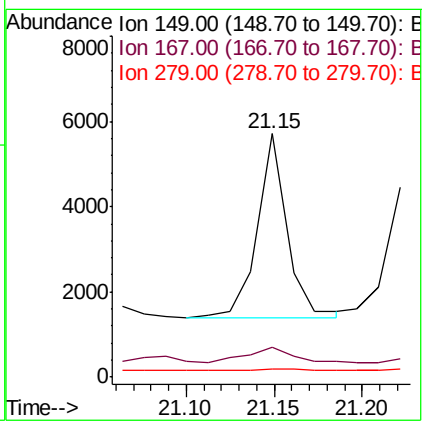


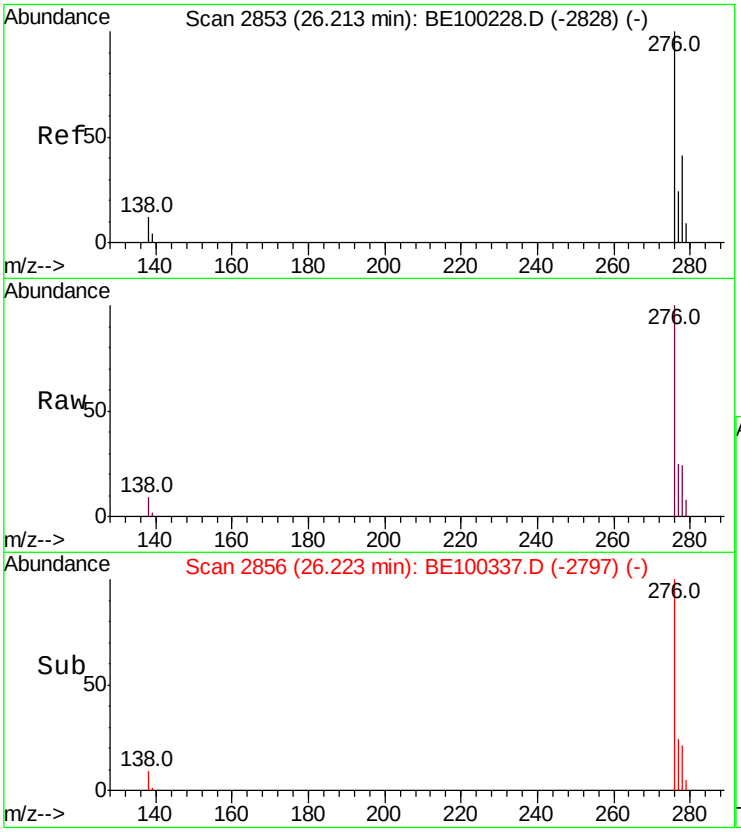


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:149 Resp: 5072

Ion	Ratio	Lower	Upper
149	100		
167	12.9	5.8	8.8#
279	1.6	1.1	1.7



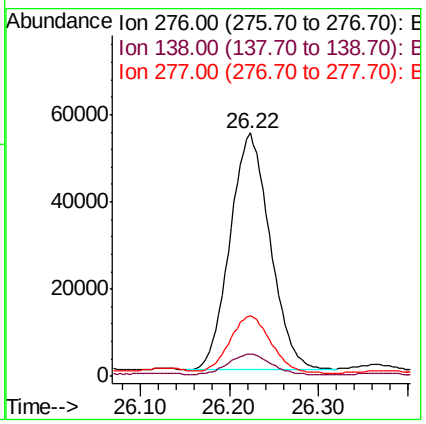


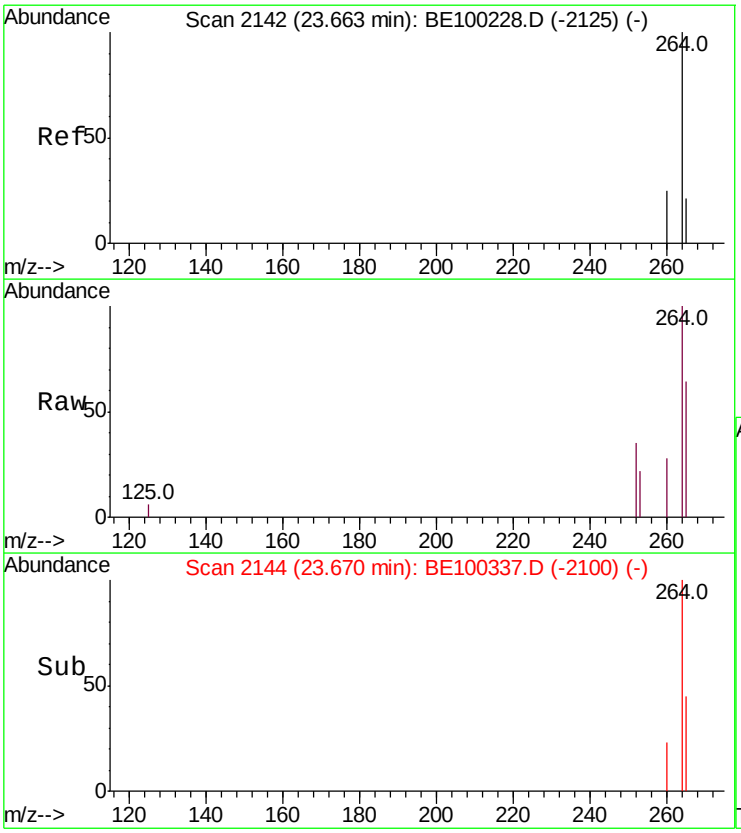
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.833 ng
RT: 26.22 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 170065

Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.4	14.0#
277	24.7	19.2	28.8

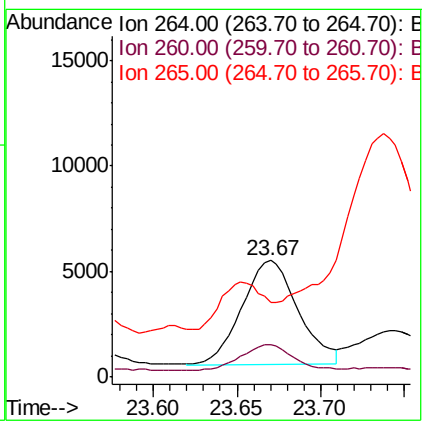


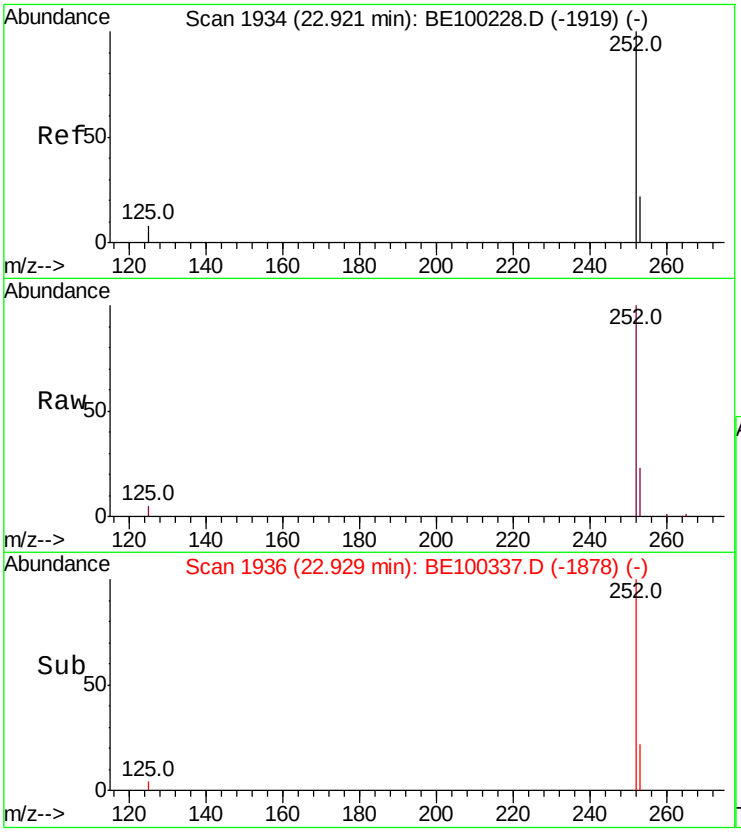


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:264 Resp: 11542

Ion	Ratio	Lower	Upper
264	100		
260	27.6	20.8	31.2
265	63.6	21.8	32.6#



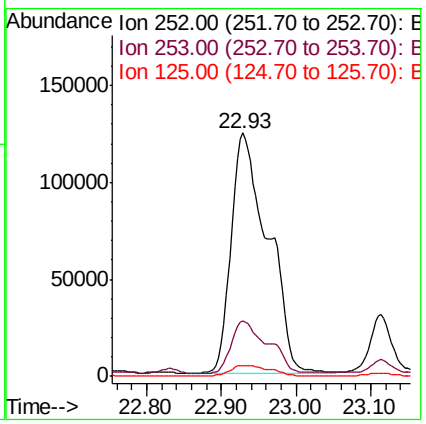


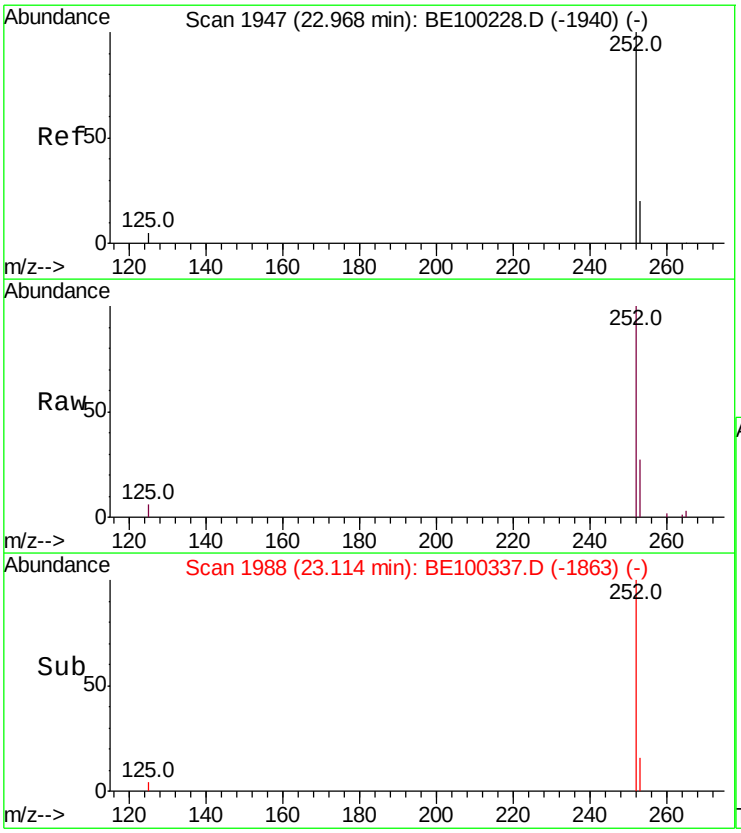
#35
Benzo(b)fluoranthene
Concen: 13.570 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 424654

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	4.6	7.4	11.0#

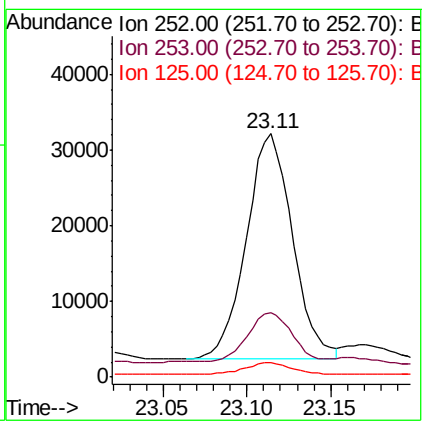


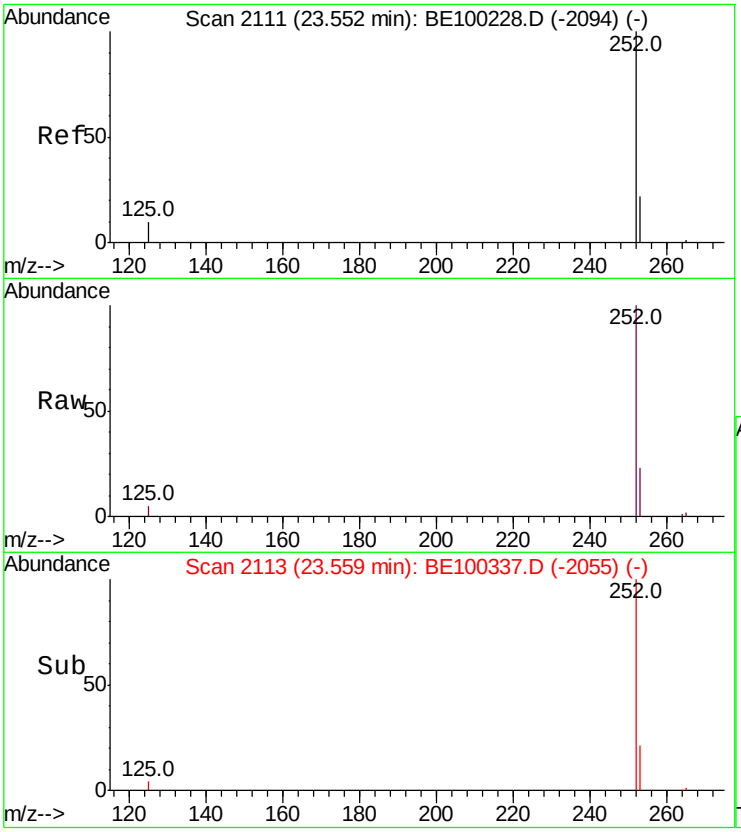


#36
Benzo(k)fluoranthene
Concen: 1.633 ng
RT: 23.11 min Scan# 1988
Delta R.T. 0.15 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:252 Resp: 57027

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	5.8	5.0	7.4



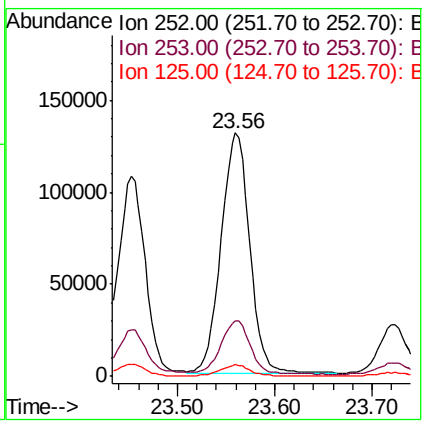


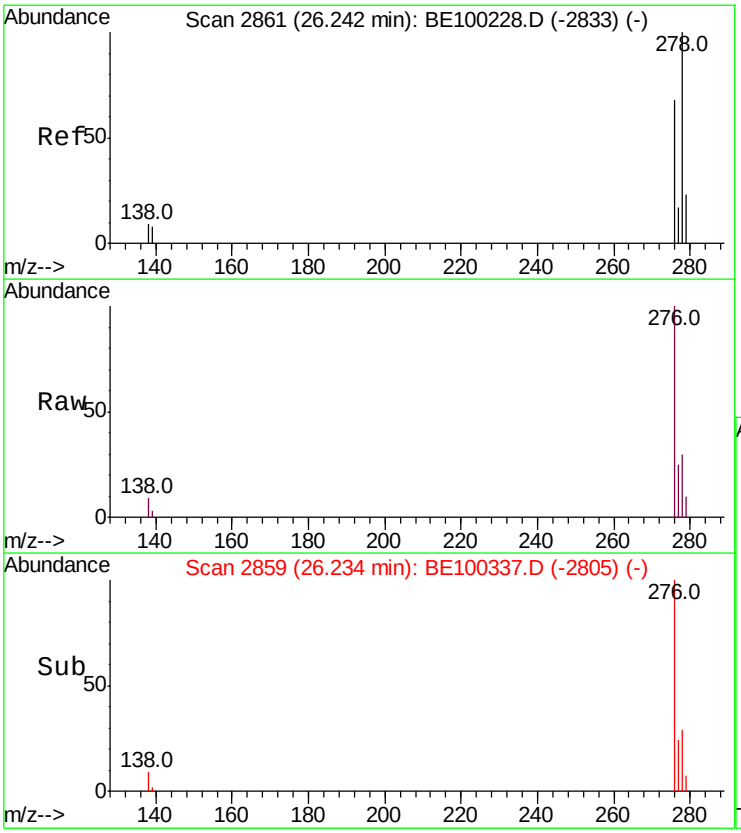
#37
Benzo(a)pyrene
Concen: 8.459 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 265291

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.6	29.4
125	4.7	9.0	13.6#

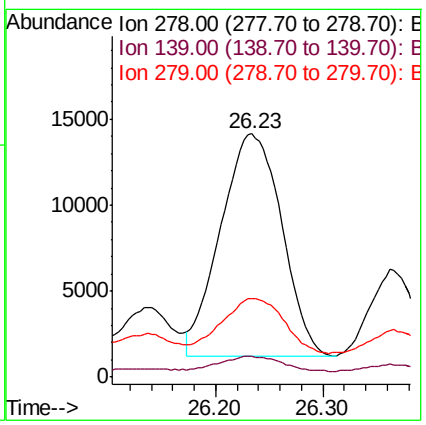


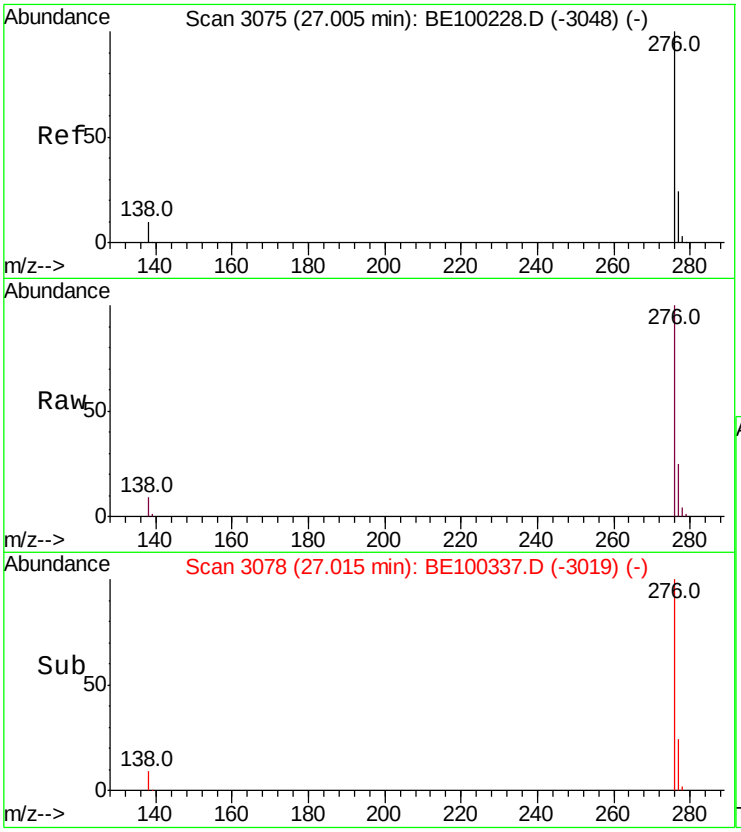


#38
Dibenzo(a,h)anthracene
Concen: 1.560 ng
RT: 26.23 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Tgt Ion:278 Resp: 51096

Ion	Ratio	Lower	Upper
278	100		
139	8.6	8.2	12.2
279	32.3	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 6.018 ng
RT: 27.01 min Scan# 3078
Delta R.T. 0.01 min
Lab File: BE100337.D
Acq: 3 Jul 2019 20:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 202507

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.2
138	9.3	9.0	13.6