Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100366.D
Acq On : 4 Jul 2019 14:41
Operator : JU/SJ
Sample : K3558-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 05 01:15:10 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	647	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2218	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1833	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5378	0.40	ng		0.00
27) Chrysene-d12	21.25	240	7572	0.40	ng		0.00
34) Perylene-d12	23.67	264	9374	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	377	0.23	ng		-0.01
5) Phenol-d6	6.83	99	510	0.23	ng		-0.01
8) Nitrobenzene-d5	8.81	82	486	0.22	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1032	0.25	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	356	0.28	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	1565	0.22	ng		-0.01
25) Fluoranthene-d10	19.09	212	16525	0.21	ng		0.00
29) Terphenyl-d14	19.69	244	3661	0.23	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.47	128	11796	0.482	ng		100
12) 2-Methylnaphthalene	12.11	142	2465	0.574	ng		98
16) Acenaphthylene	14.04	152	18576	2.112	ng		99
17) Acenaphthene	14.37	154	1682	0.337	ng		96
18) Fluorene	15.35	166	5911	0.802	ng	#	86
23) Phenanthrene	17.09	178	140754	10.798	ng		100
24) Anthracene	17.19	178	15031	1.281	ng	#	95
26) Fluoranthene	19.13	202	214754	10.344	ng		98
28) Pyrene	19.49	202	311266	15.527	ng		96
30) Benzo(a)anthracene	21.22	228	148677	5.972	ng		94
31) Chrysene	21.28	228	191216	7.649	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	15769	0.391	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	85524	2.586	ng	#	96
35) Benzo(b)fluoranthene	22.93	252	167953	6.608	ng	#	95
36) Benzo(k)fluoranthene	22.93	252	167953	5.920	ng	#	98
37) Benzo(a)pyrene	23.56	252	132768	5.212	ng	#	93
38) Dibenzo(a,h)anthracene	26.24	278	23872	0.897	ng	#	86
39) Benzo(g,h,i)perylene	27.02	276	98466	3.603	ng		99

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 33 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
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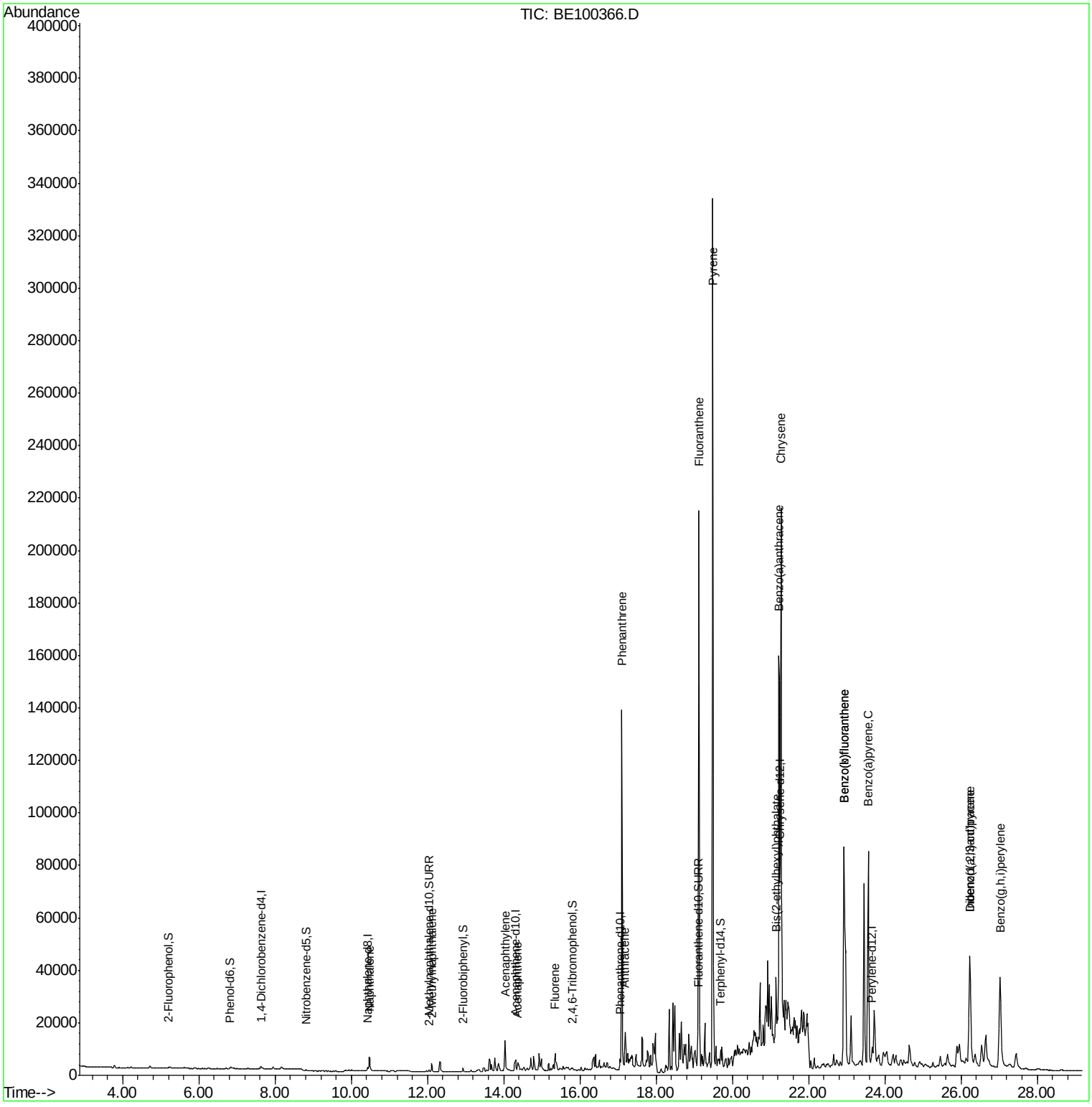
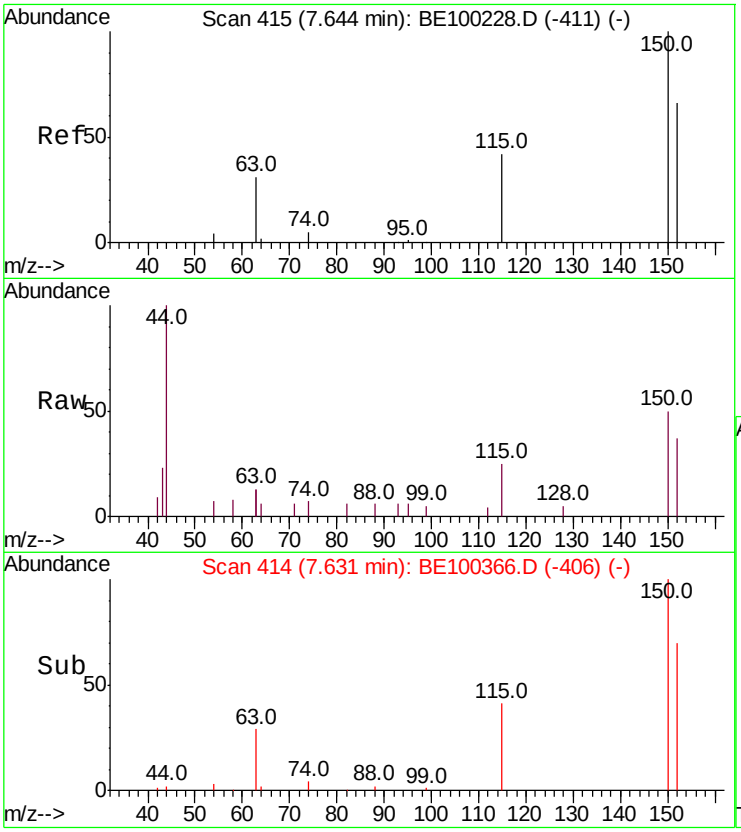


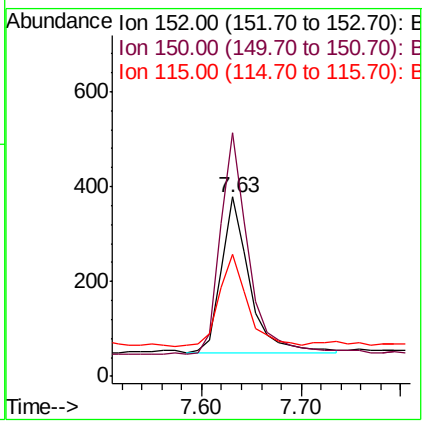


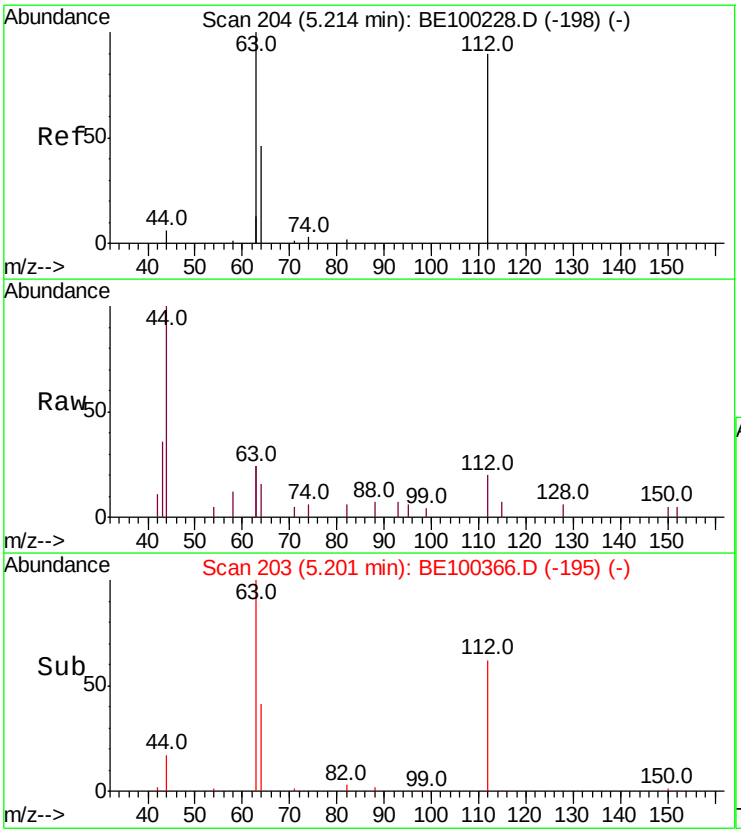
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 647

Ion	Ratio	Lower	Upper
152	100		
150	135.7	114.5	171.7
115	68.0	57.1	85.7

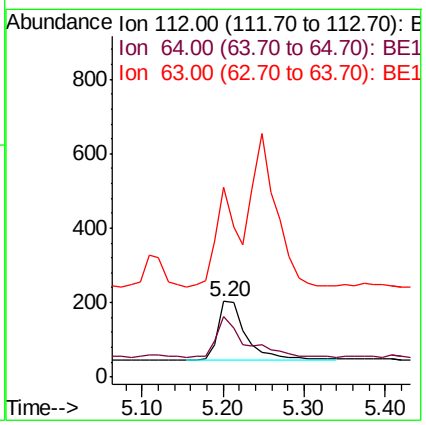


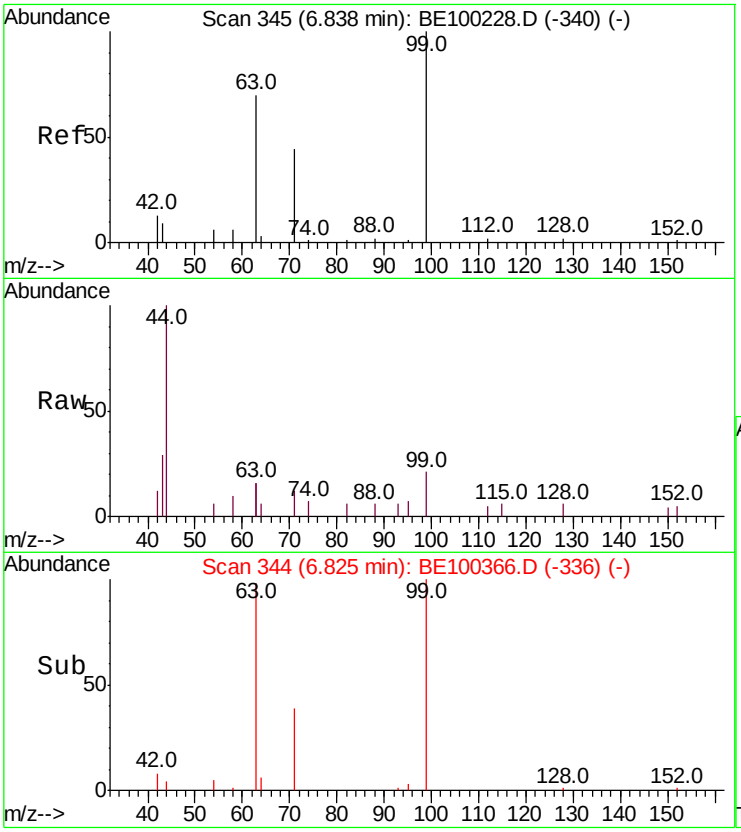


#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:112 Resp: 377

Ion	Ratio	Lower	Upper
112	100		
64	69.5	39.4	59.0#
63	127.3	104.5	156.7



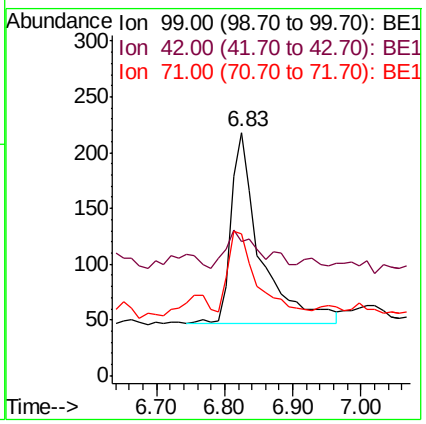


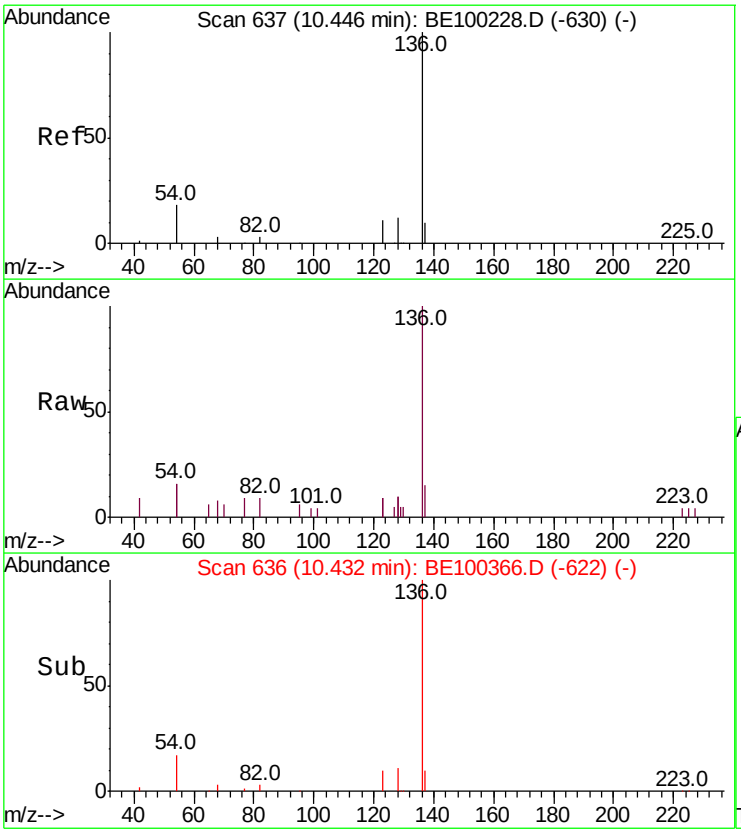
#5
Phenol-d6
Concen: 0.235 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 510

Ion	Ratio	Lower	Upper
99	100		
42	25.3	11.2	16.8#
71	40.8	37.2	55.8

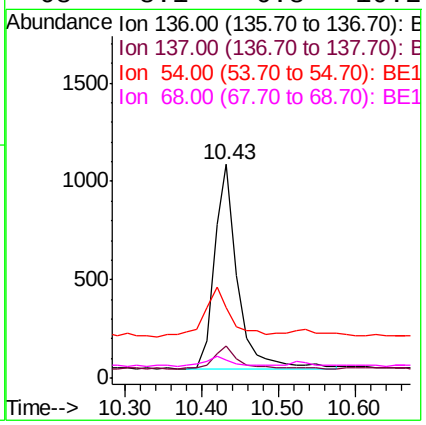


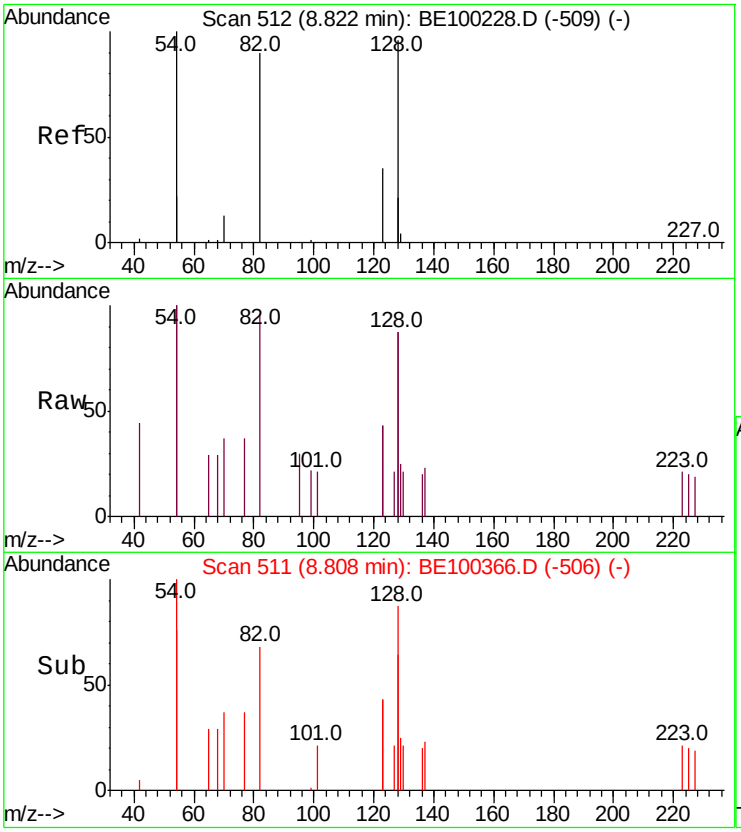


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:136 Resp: 2218

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.8	17.8
54	32.9	27.7	41.5
68	8.1	6.8	10.2



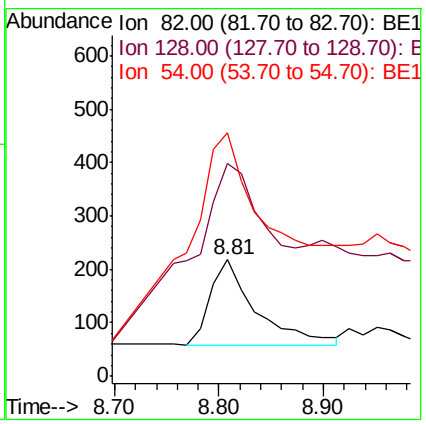


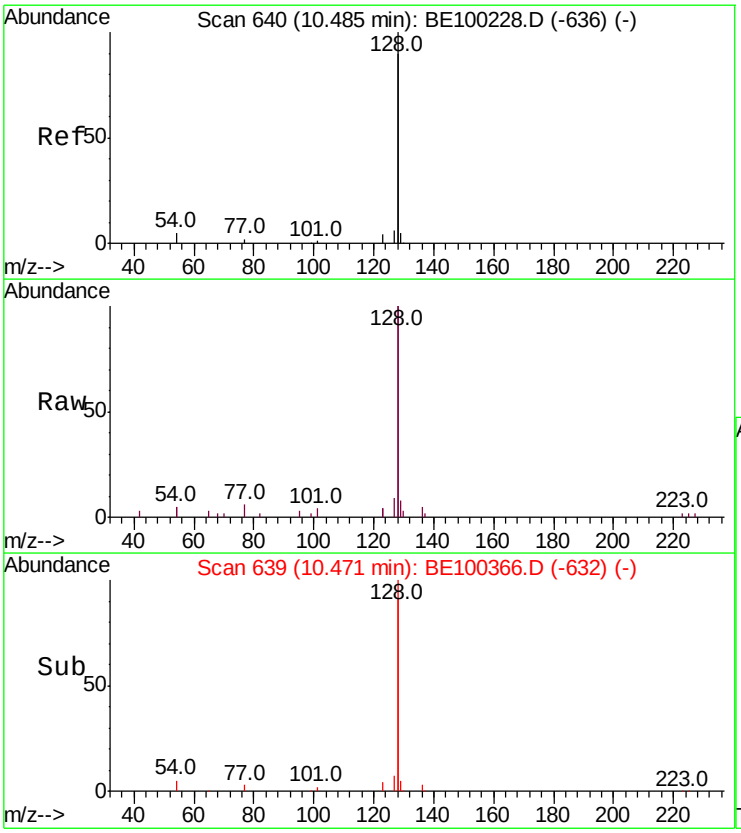
#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 486

Ion	Ratio	Lower	Upper
82	100		
128	182.6	140.9	211.3
54	209.2	146.2	219.2

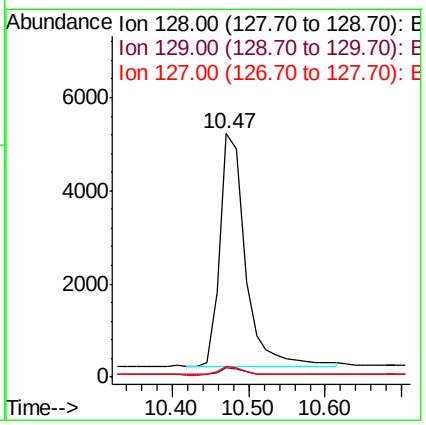


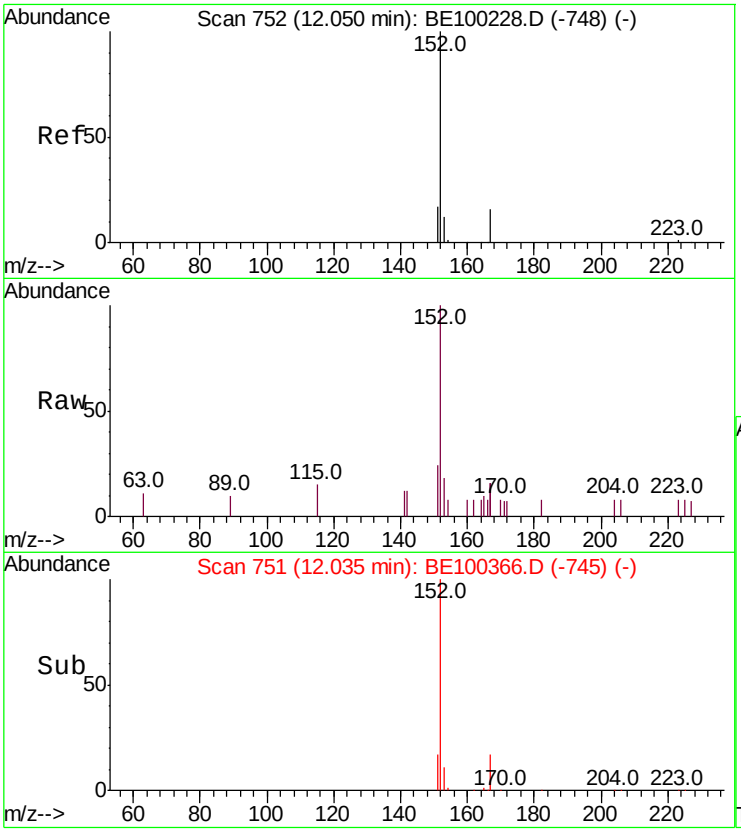


#9
Naphthalene
Concen: 0.482 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:128 Resp: 11796

Ion	Ratio	Lower	Upper
128	100		
129	3.8	3.0	4.6
127	4.4	3.5	5.3



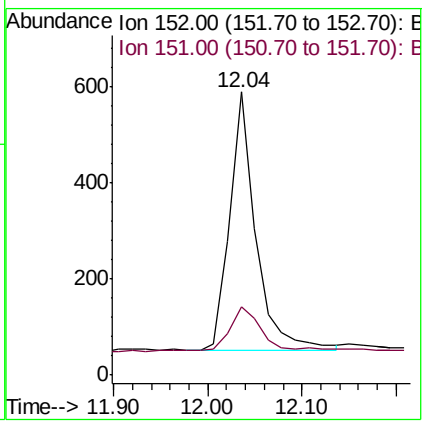


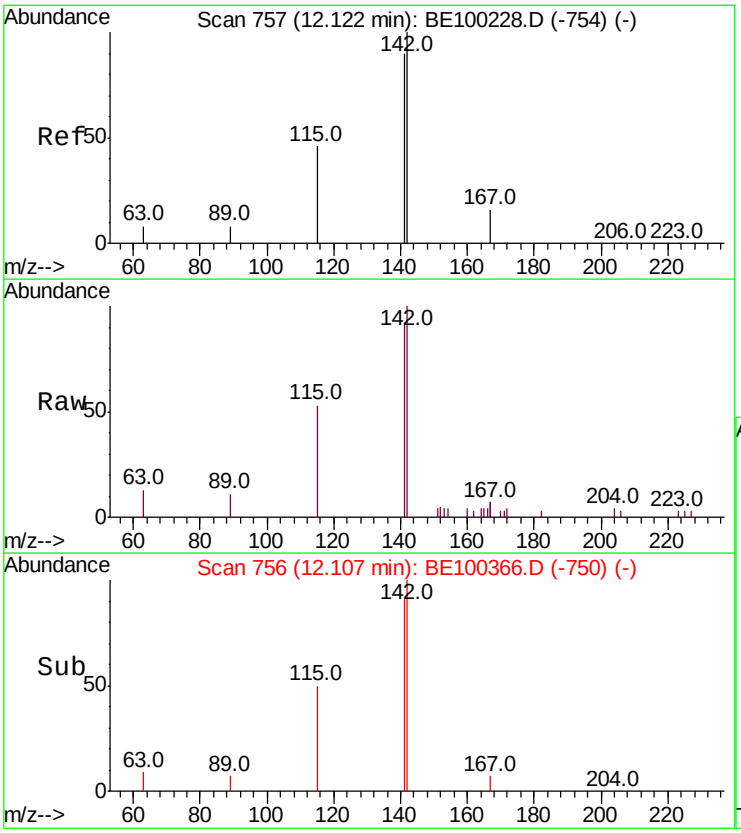
#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1032

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.1	22.7

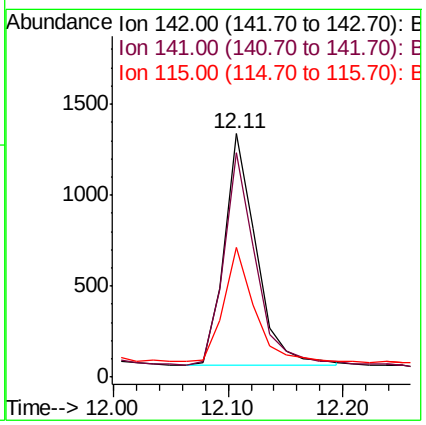


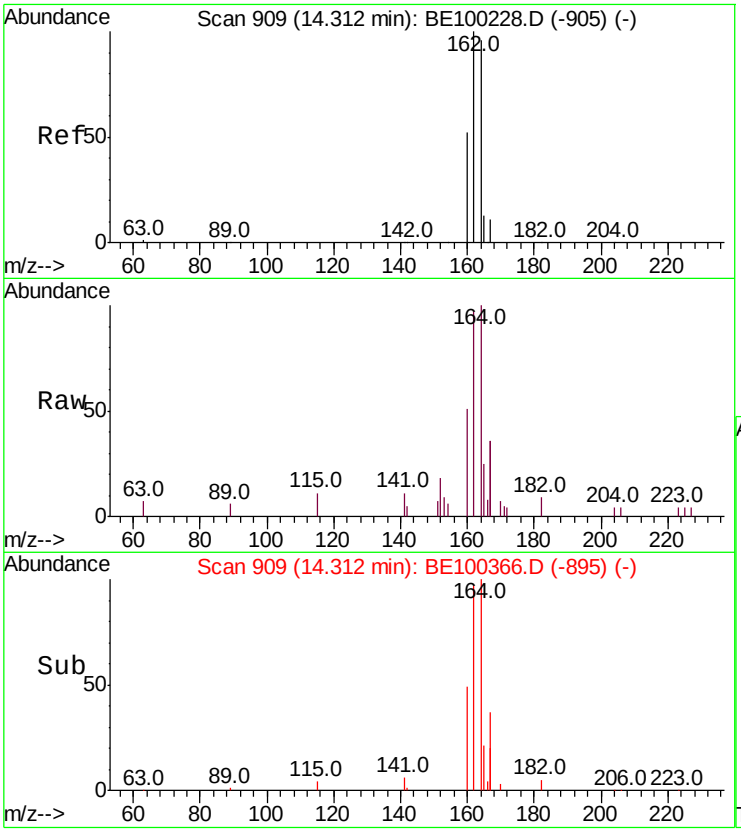


#12
2-Methylnaphthalene
Concen: 0.574 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:142 Resp: 2465

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.4	108.6
115	53.1	40.4	60.6



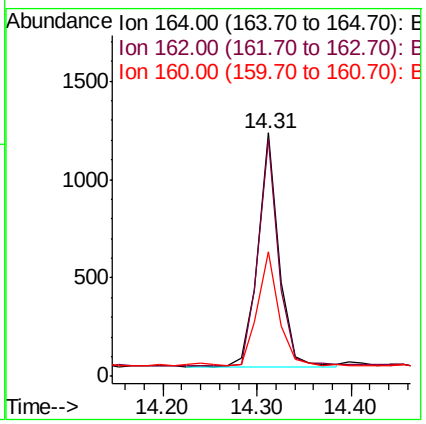


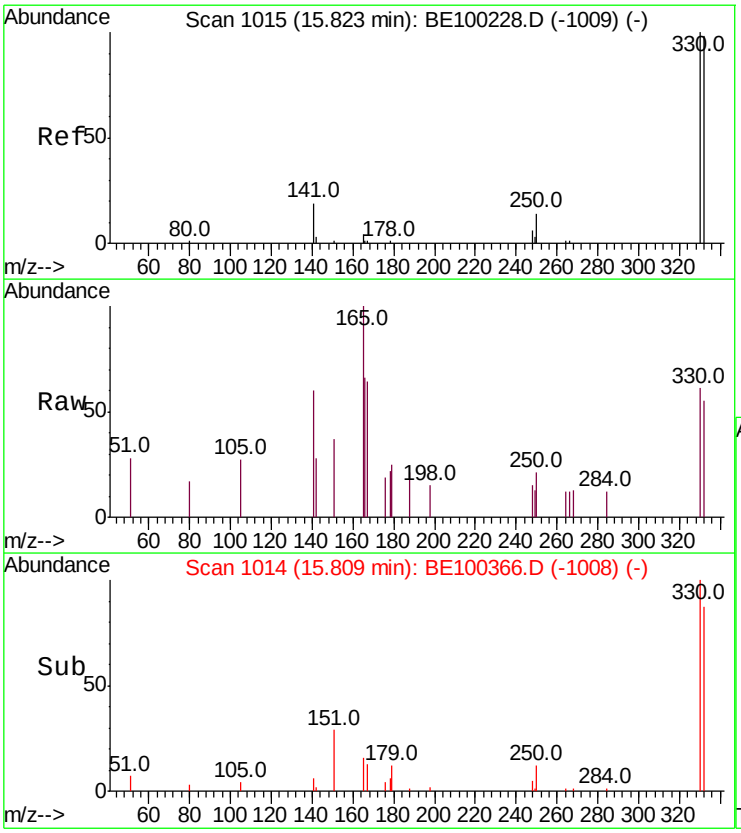
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1833

Ion	Ratio	Lower	Upper
164	100		
162	97.3	83.4	125.0
160	51.0	45.0	67.6

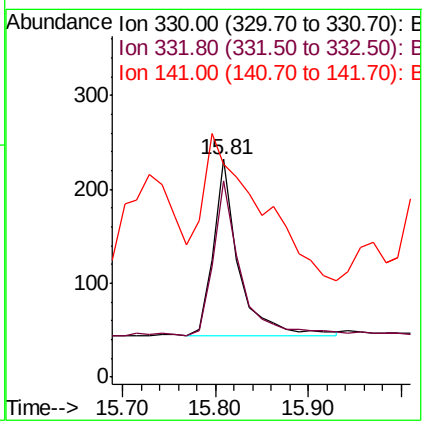


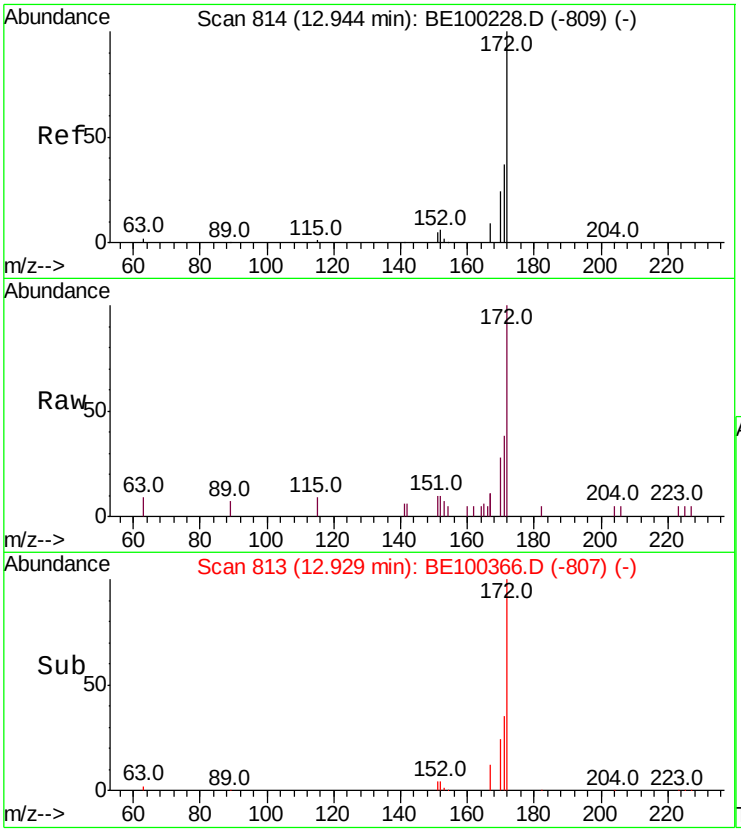


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:330 Resp: 356

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.4
141	184.0	22.0	33.0#



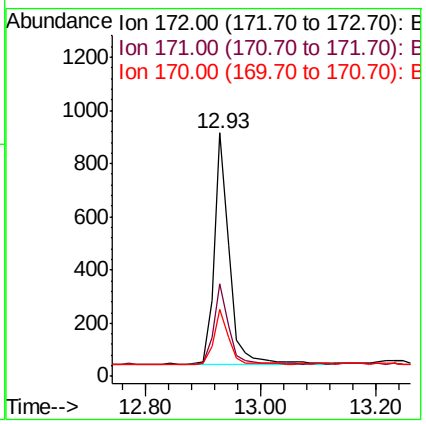


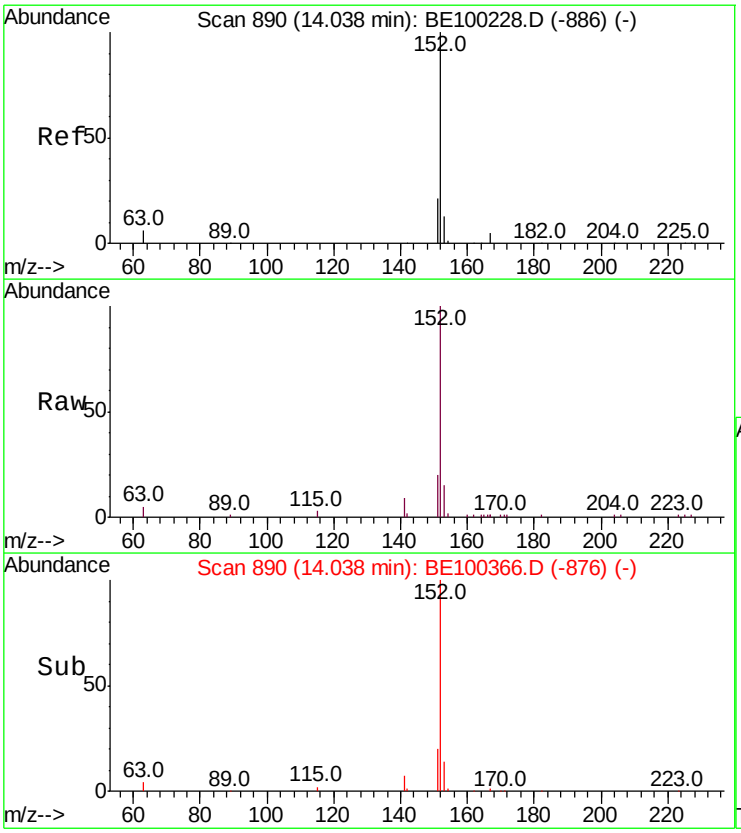
#15
2-Fluorobiphenyl
Concen: 0.219 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1565

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.9	47.9
170	27.7	22.2	33.2

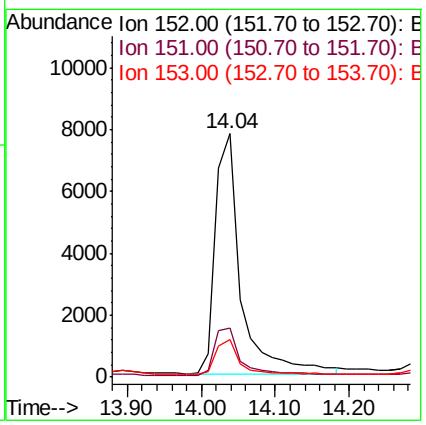


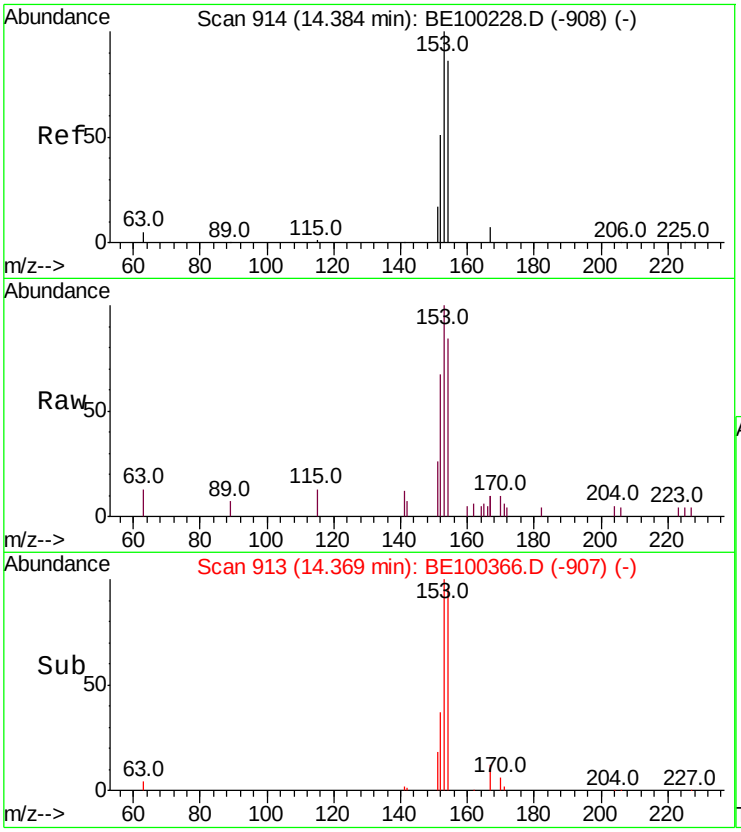


#16
Acenaphthylene
Concen: 2.112 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:152 Resp: 18576

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	13.6	10.5	15.7



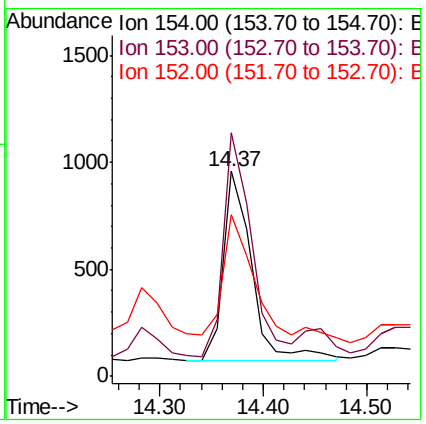


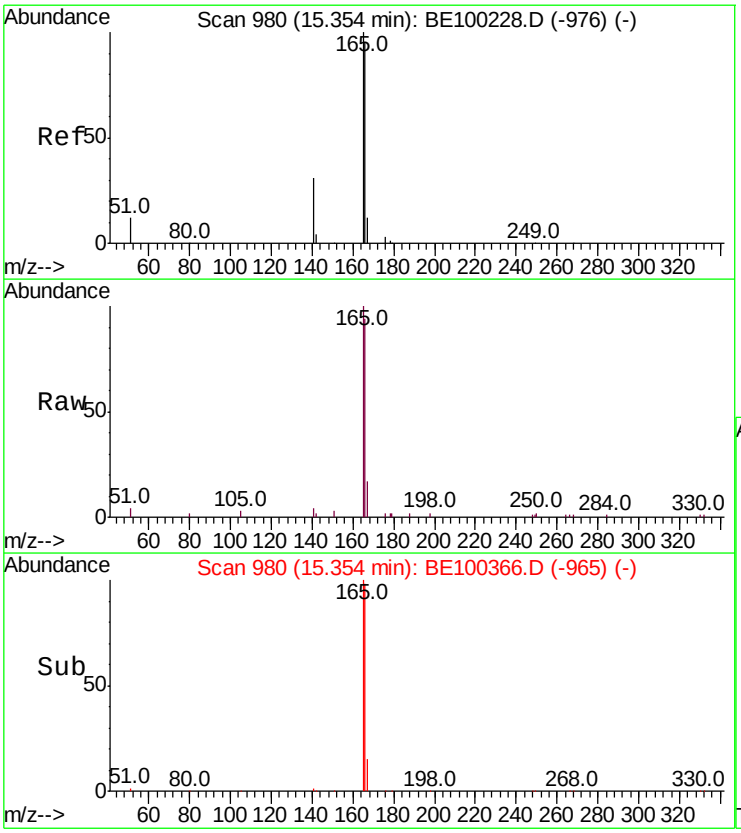
#17
Acenaphthene
Concen: 0.337 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1682

Ion	Ratio	Lower	Upper
154	100		
153	116.5	93.4	140.2
152	70.8	49.4	74.2

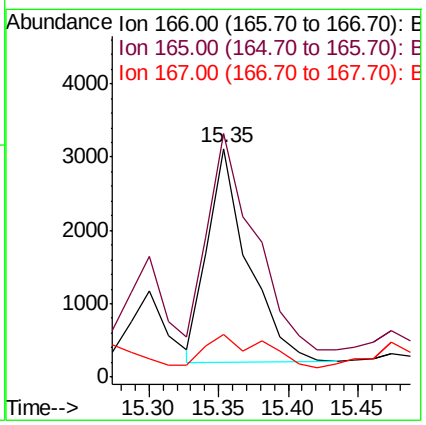


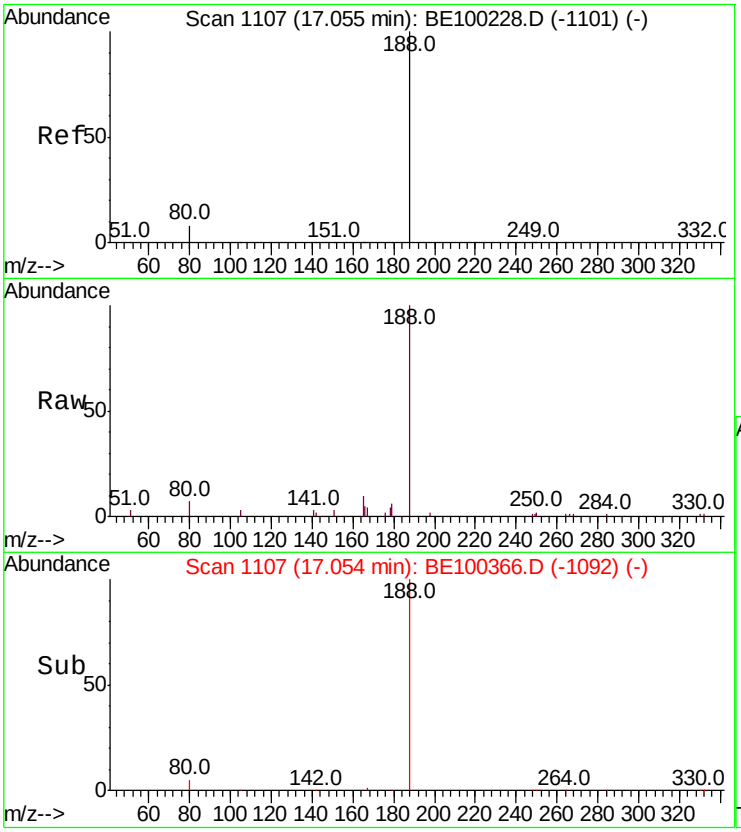


#18
Fluorene
Concen: 0.802 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:166 Resp: 5911

Ion	Ratio	Lower	Upper
166	100		
165	114.7	81.1	121.7
167	21.7	10.7	16.1#



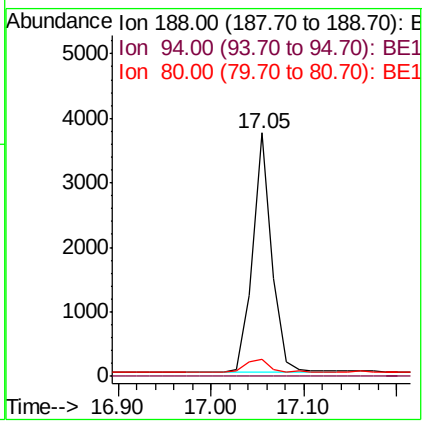


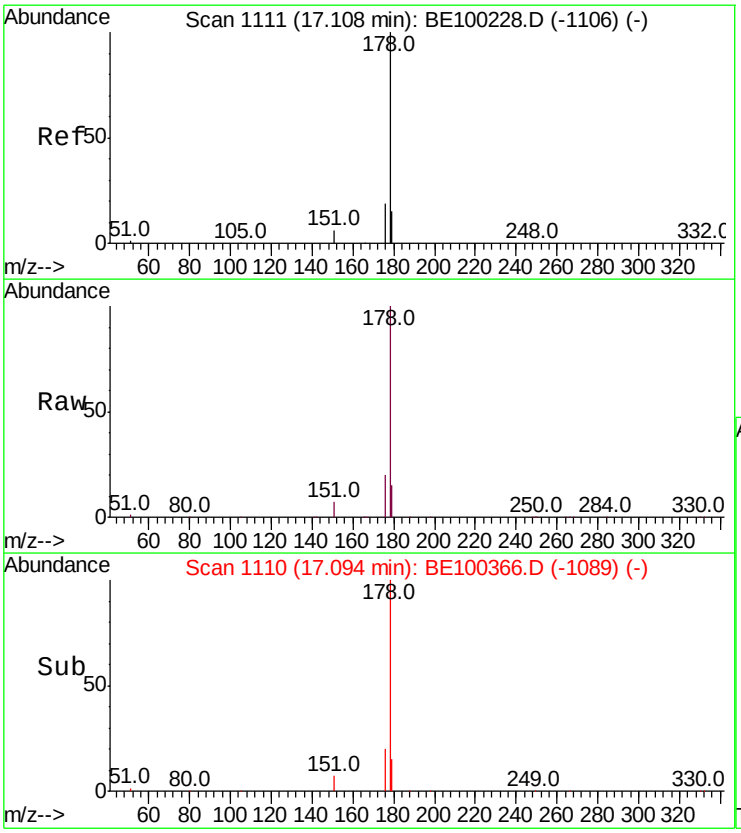
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5378

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	7.6	11.4#

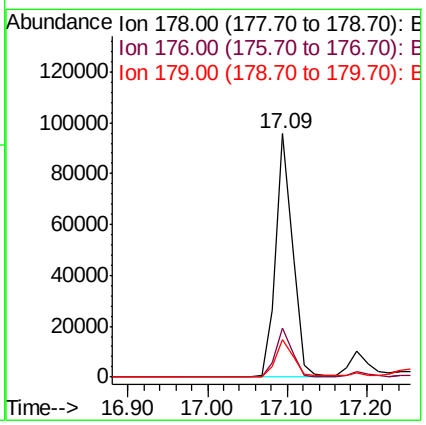


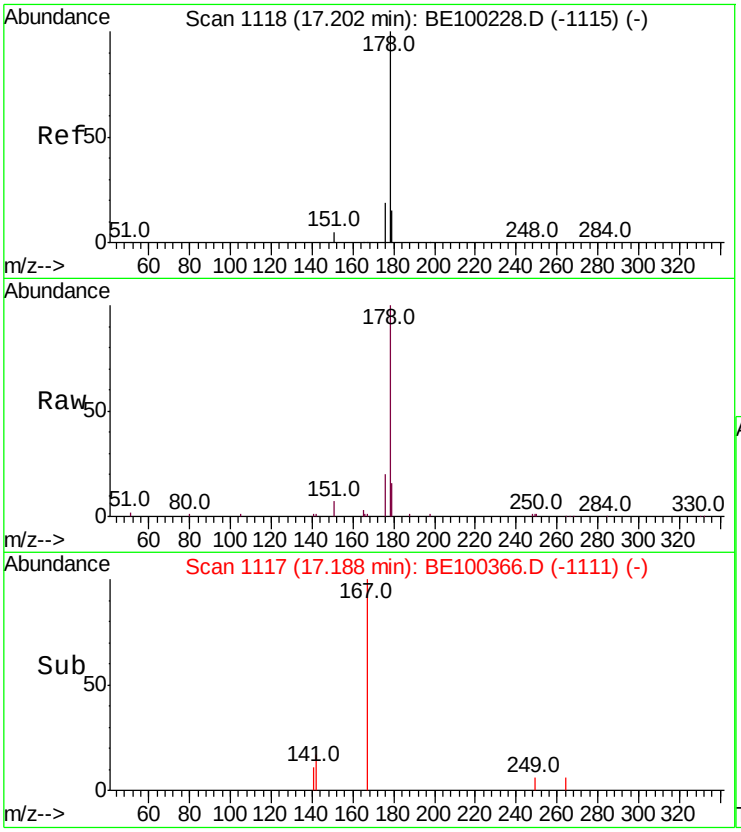


#23
Phenanthrene
Concen: 10.798 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:178 Resp: 140754

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.5	12.2	18.2



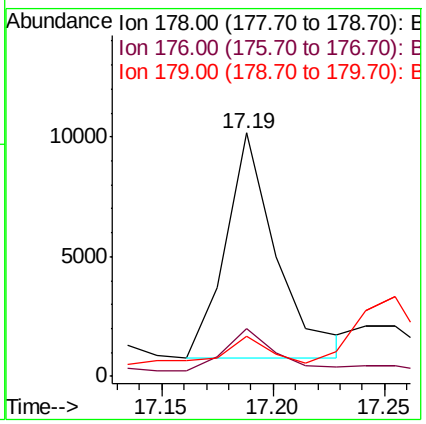


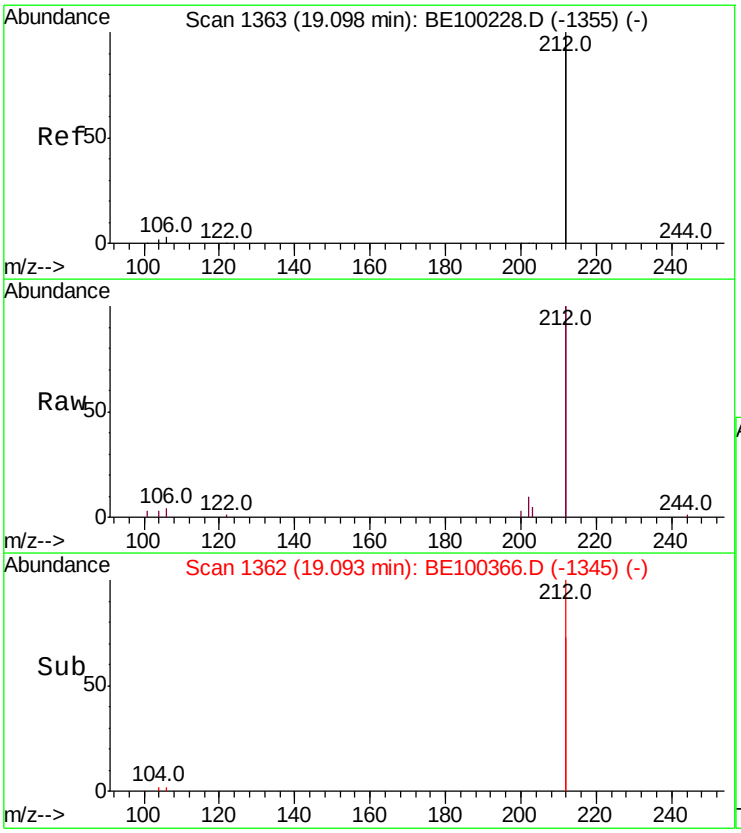
#24
Anthracene
Concen: 1.281 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 15031

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	10.2	12.2	18.2#

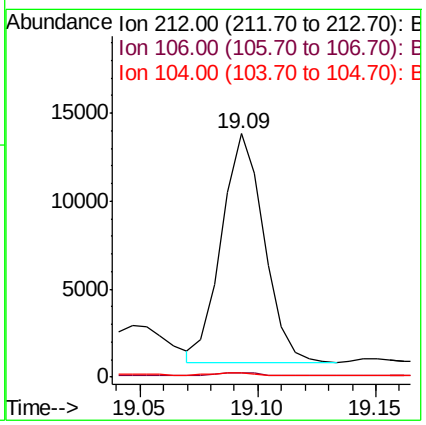


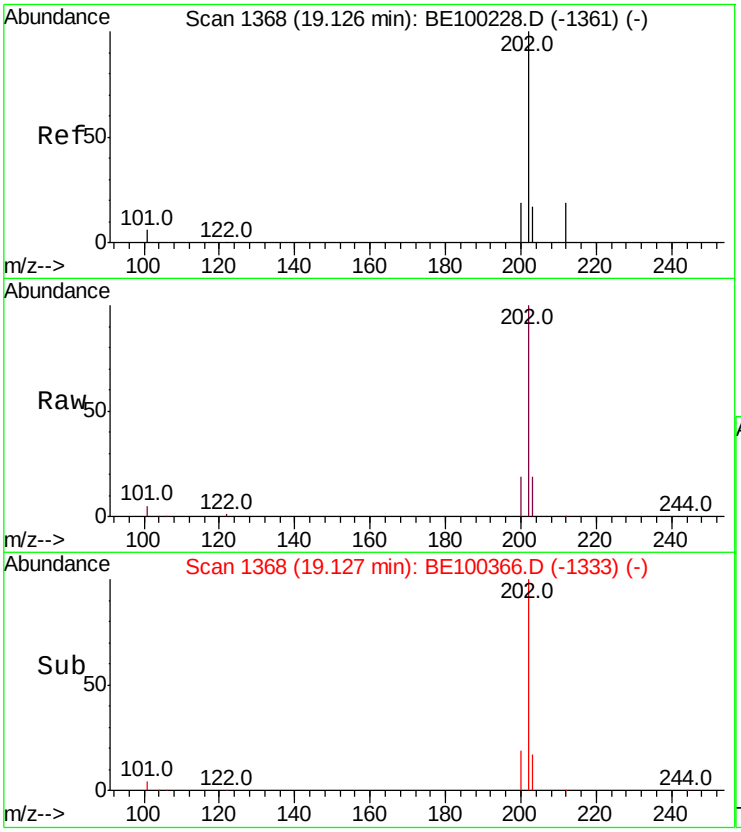


#25
Fluoranthene-d10
Concen: 0.212 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:212 Resp: 16525

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.1	0.8	1.2



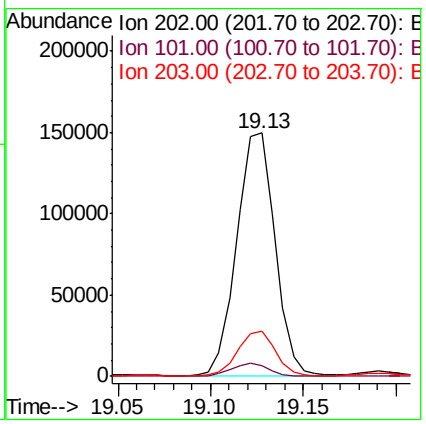


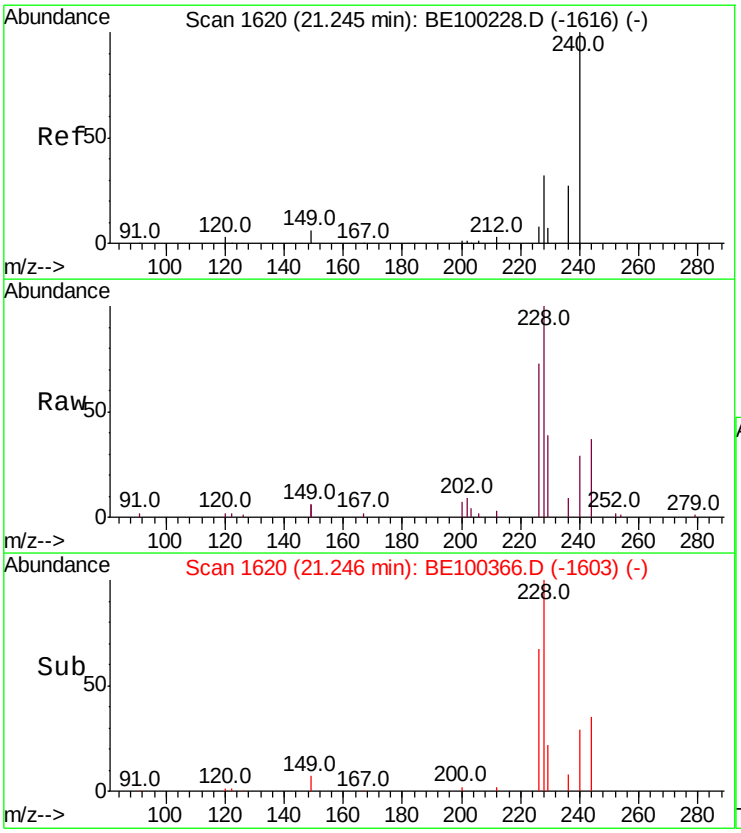
#26
Fluoranthene
Concen: 10.344 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 214754

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.6	7.0
203	18.0	13.7	20.5

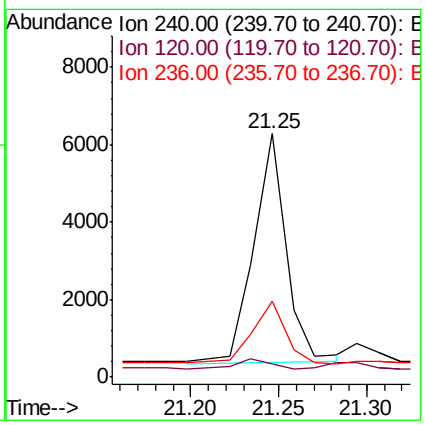


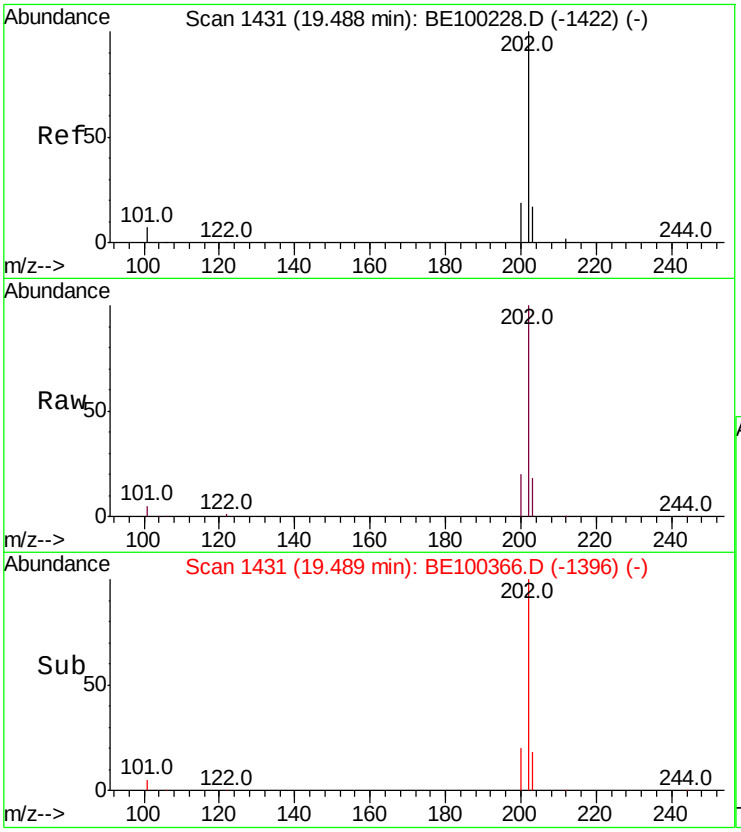


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:240 Resp: 7572

Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.3	4.9#
236	31.1	22.6	34.0



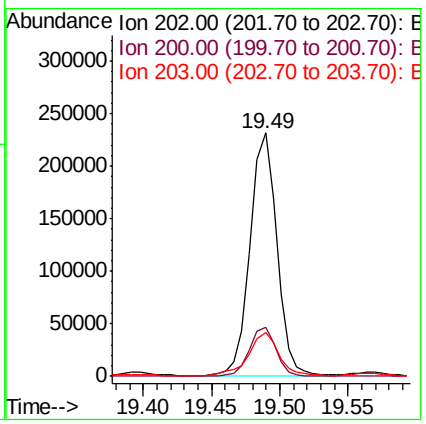


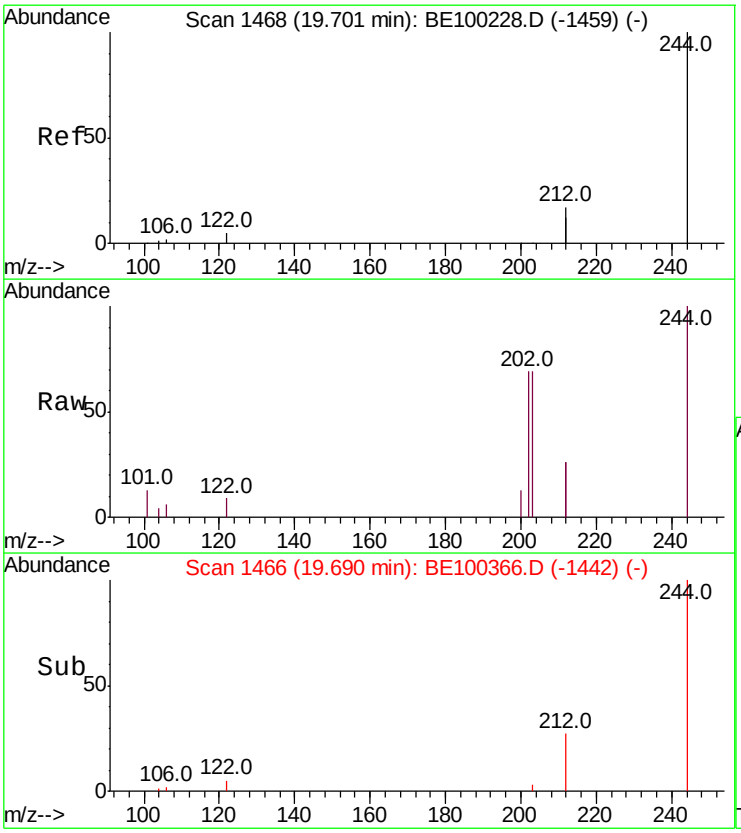
#28
Pyrene
Concen: 15.527 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 311266

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	20.5	14.0	21.0

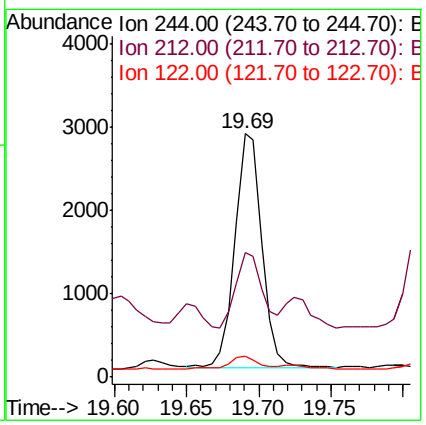


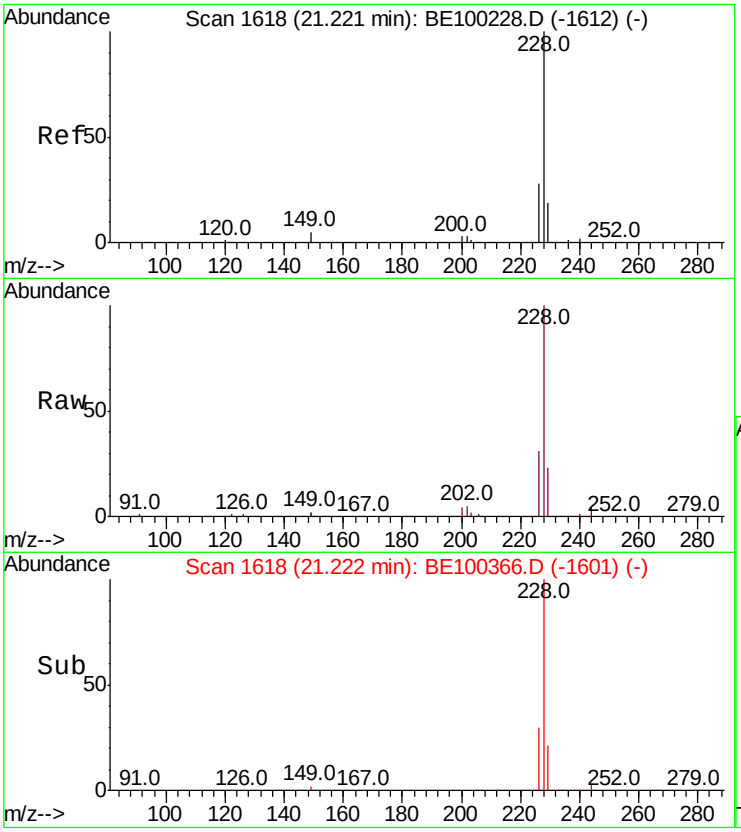


#29
Terphenyl-d14
Concen: 0.233 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:244 Resp: 3661

Ion	Ratio	Lower	Upper
244	100		
212	51.4	27.3	40.9#
122	8.8	4.7	7.1#



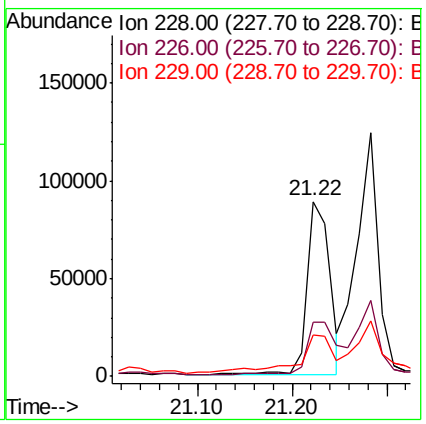


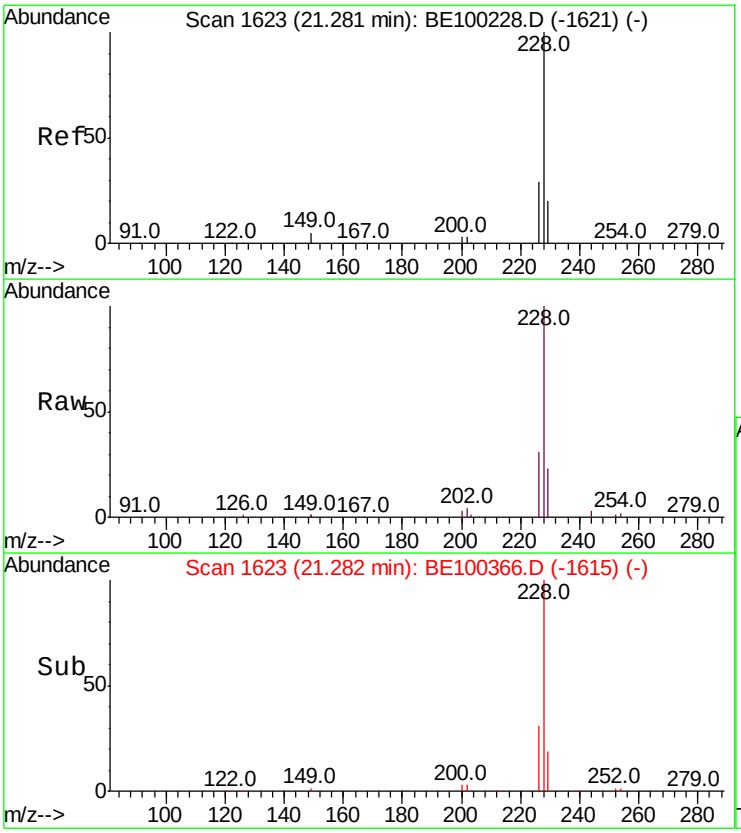
#30
Benzo(a)anthracene
Concen: 5.972 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 148677

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.2	34.8
229	23.5	15.7	23.5

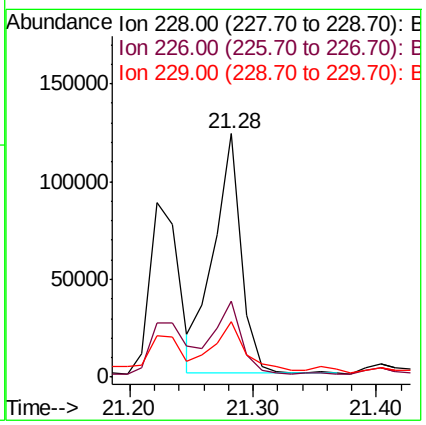


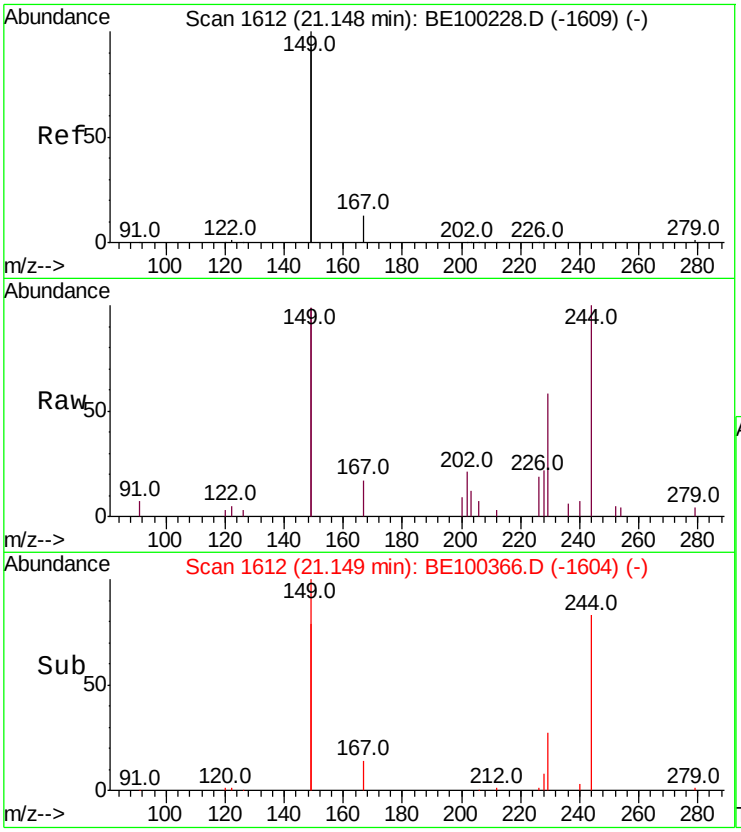


#31
Chrysene
Concen: 7.649 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:228 Resp: 191216

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	22.7	16.5	24.7



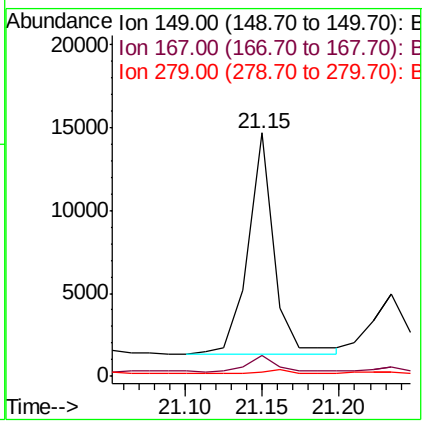


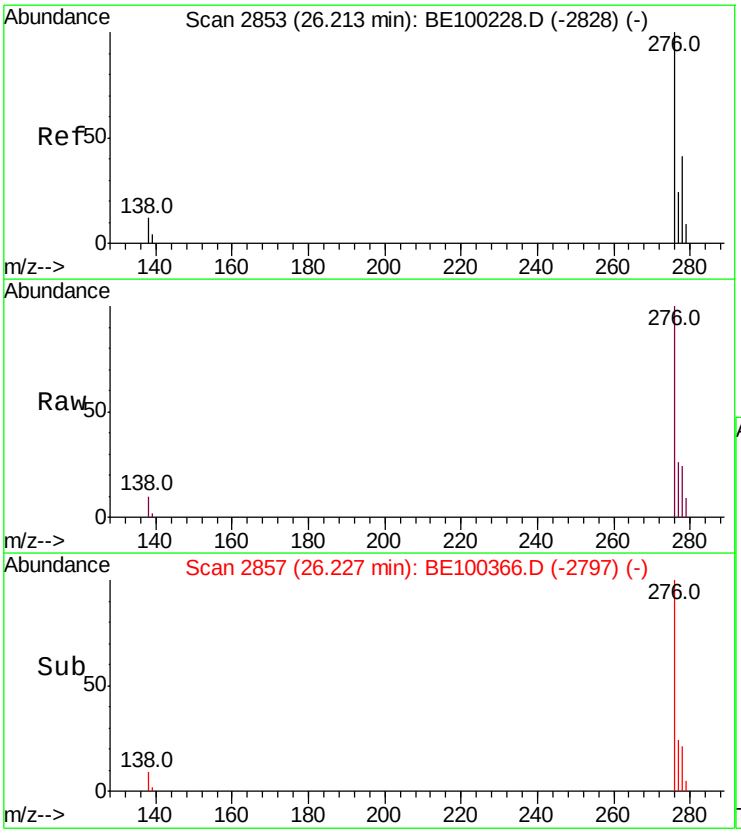
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.391 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 15769

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.5	1.1	1.7

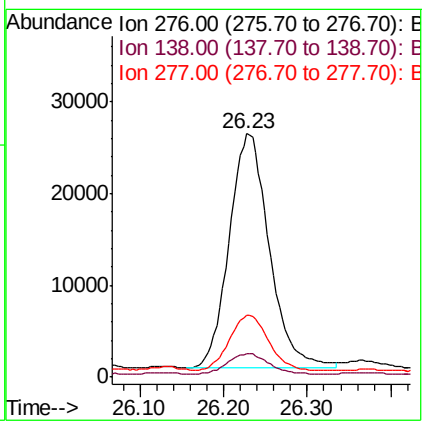


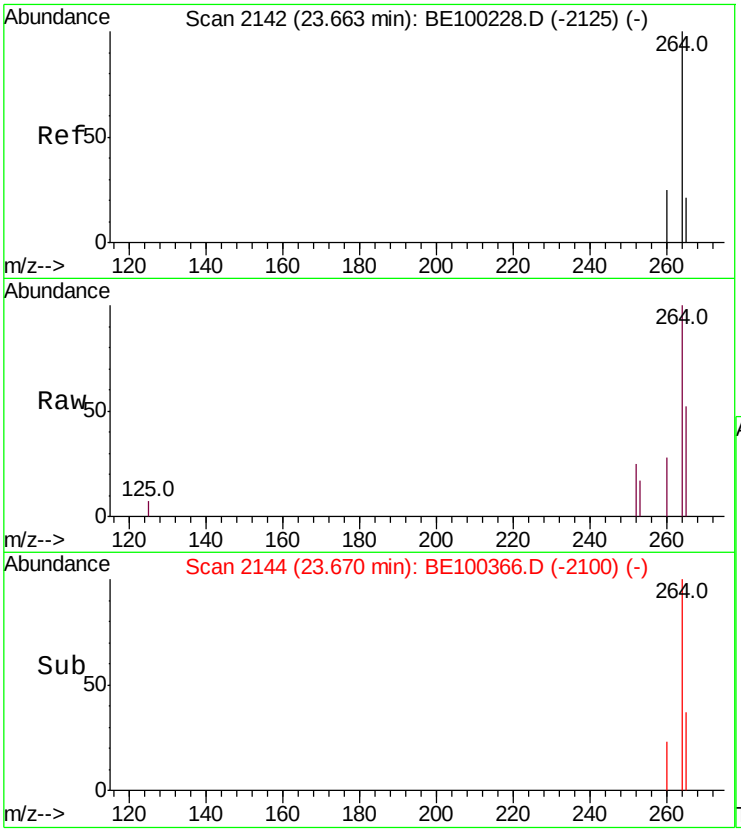


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.586 ng
RT: 26.23 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:276 Resp: 85524

Ion	Ratio	Lower	Upper
276	100		
138	8.7	9.4	14.0#
277	23.2	19.2	28.8



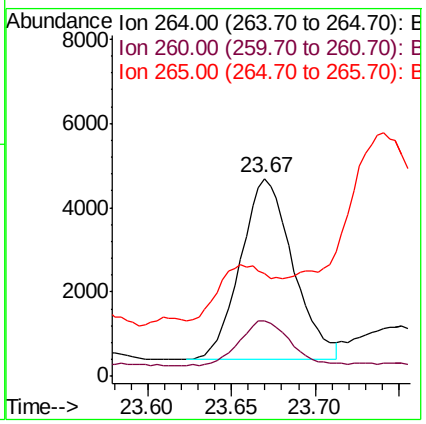


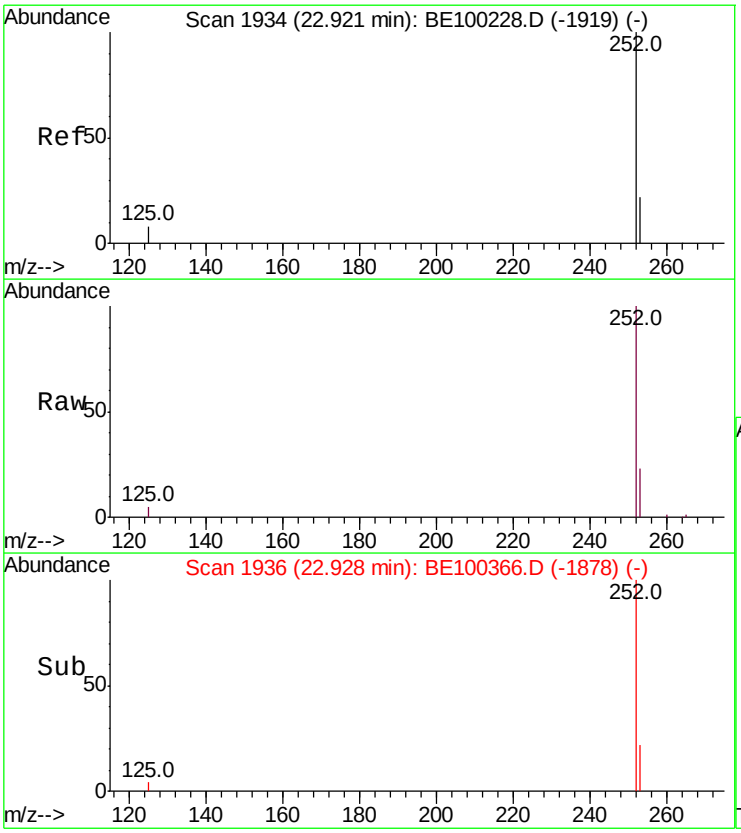
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 9374

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.8	31.2
265	52.2	21.8	32.6#

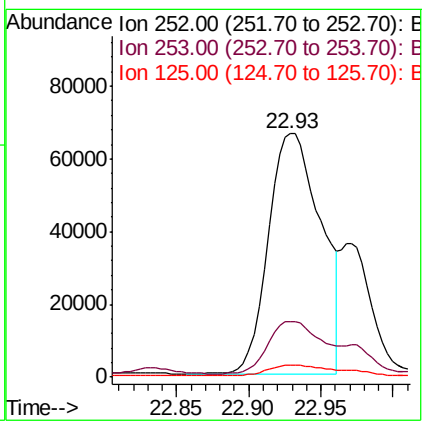


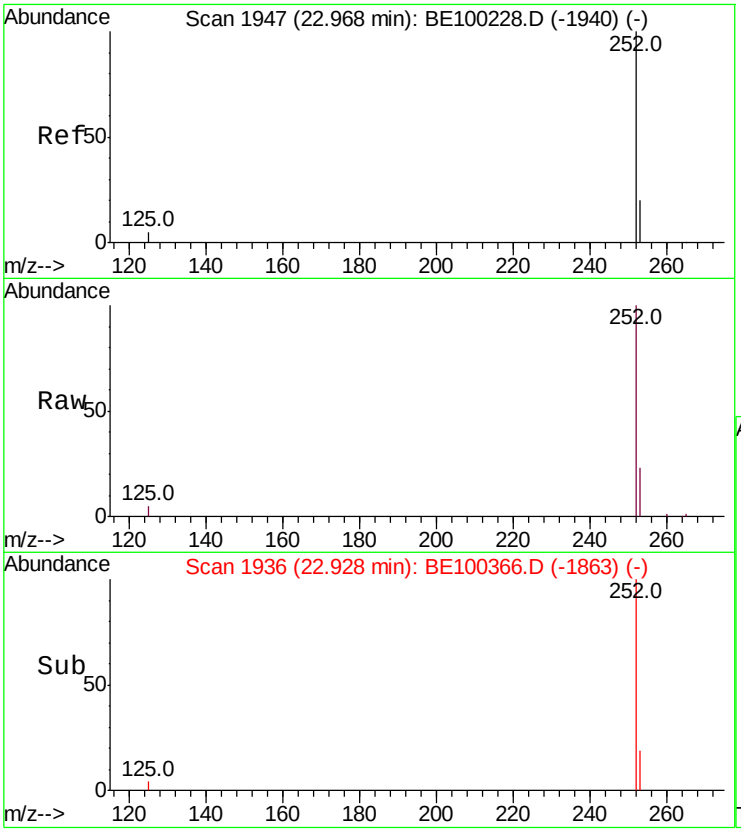


#35
Benzo(b)fluoranthene
Concen: 6.608 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:252 Resp: 167953

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	4.9	7.4	11.0#



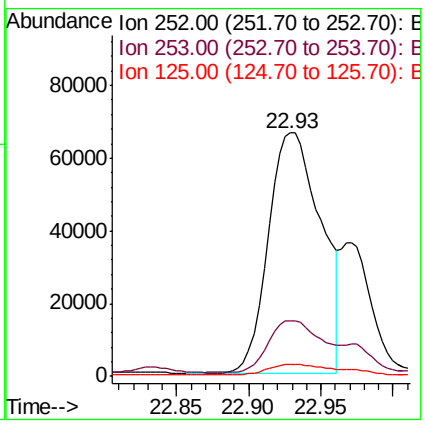


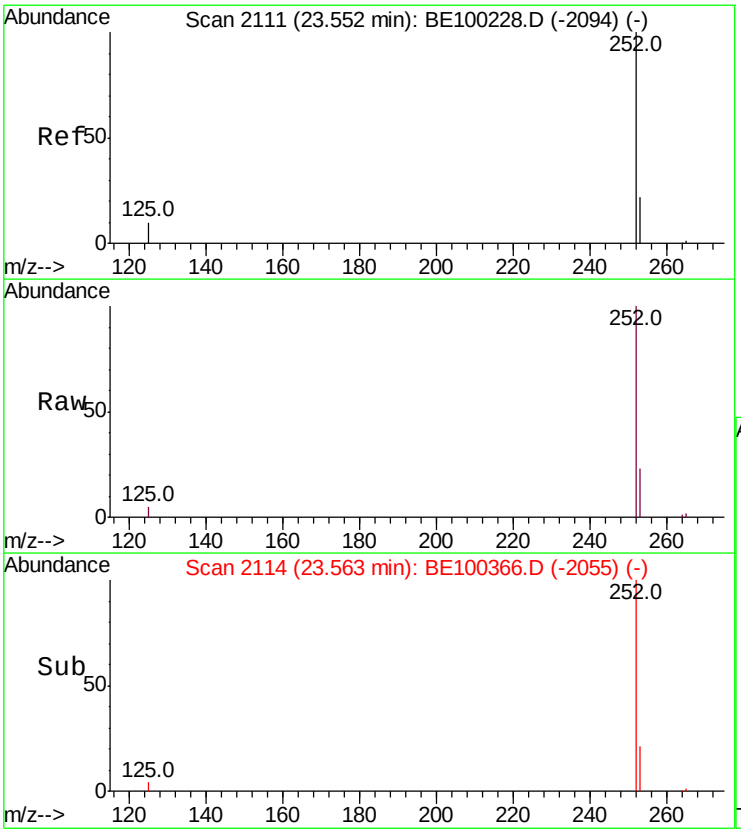
#36
Benzo(k)fluoranthene
Concen: 5.920 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 167953

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	4.9	5.0	7.4#

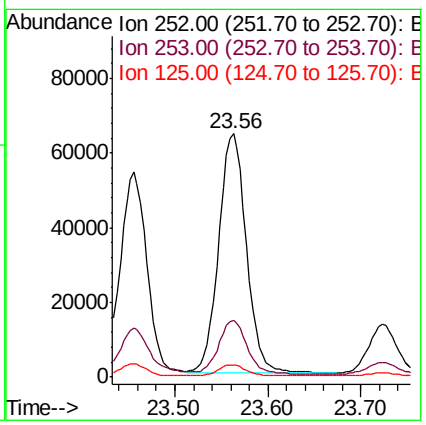


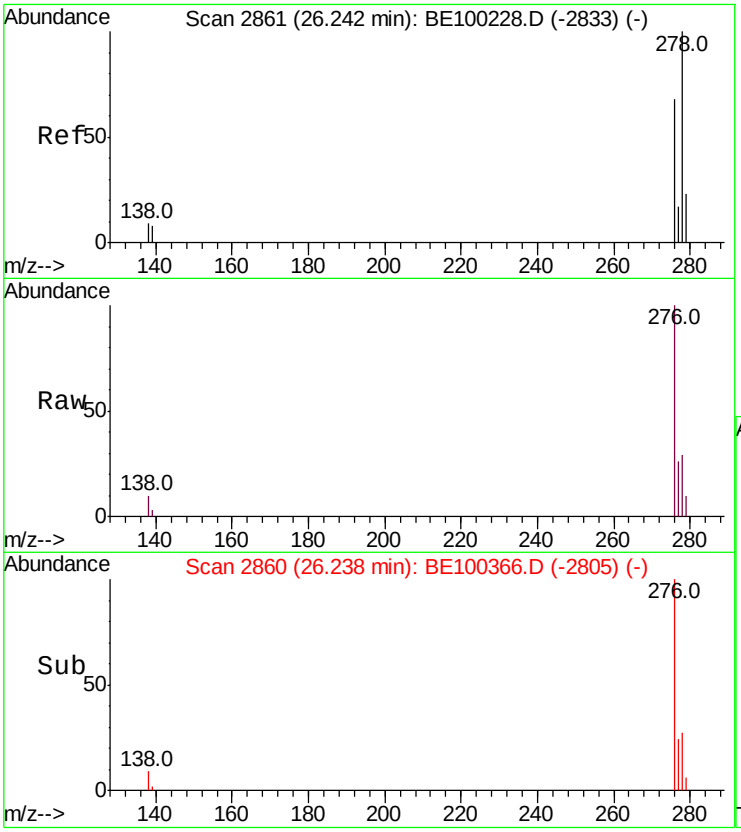


#37
Benzo(a)pyrene
Concen: 5.212 ng
RT: 23.56 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:252 Resp: 132768

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.6	29.4
125	5.0	9.0	13.6#



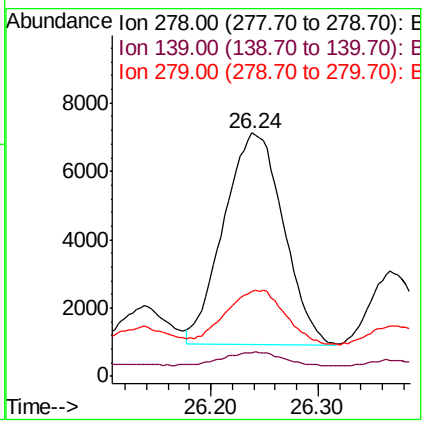


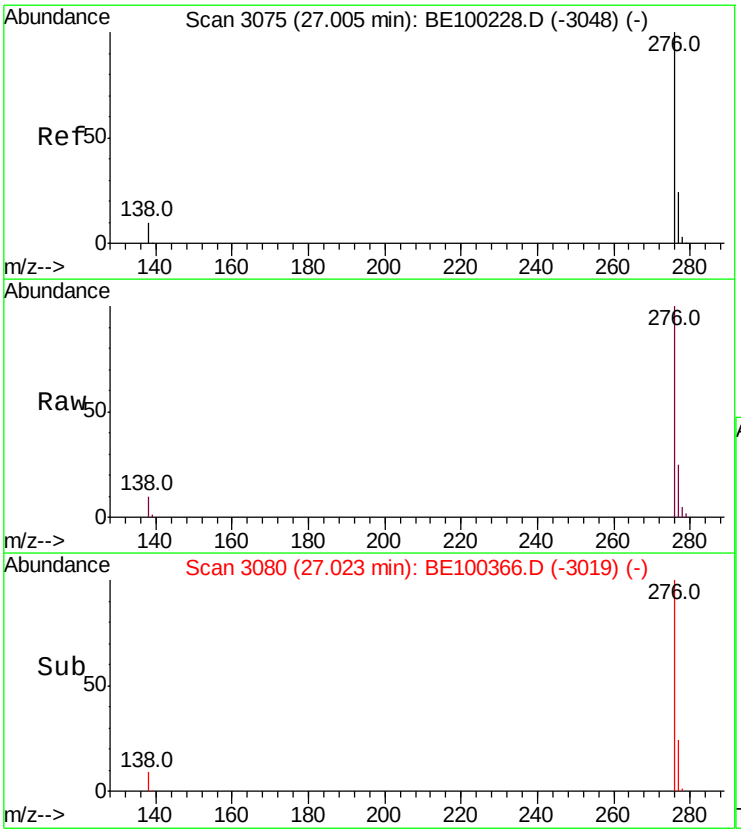
#38
Dibenzo(a,h)anthracene
Concen: 0.897 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 23872

Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.2	12.2
279	34.8	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 3.603 ng
RT: 27.02 min Scan# 3080
Delta R.T. 0.02 min
Lab File: BE100366.D
Acq: 4 Jul 2019 14:41

Tgt Ion:276 Resp: 98466

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.2	30.2
138	9.7	9.0	13.6