Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100342.D
Acq On : 3 Jul 2019 23:21
Operator : JU/SJ
Sample : K3558-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 04 00:37:36 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	659	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2333	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2060	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6108	0.40	ng		0.00
27) Chrysene-d12	21.25	240	8505	0.40	ng		0.00
34) Perylene-d12	23.66	264	9788	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	431	0.26	ng		-0.01
5) Phenol-d6	6.84	99	520	0.24	ng		0.00
8) Nitrobenzene-d5	8.81	82	468	0.20	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1042	0.24	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	398	0.28	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	1682	0.21	ng		-0.01
25) Fluoranthene-d10	19.09	212	17456	0.20	ng		0.00
29) Terphenyl-d14	19.69	244	4324	0.25	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.44	42	39	0.082	ng	#	1
9) Naphthalene	10.48	128	3213	0.125	ng	#	93
12) 2-Methylnaphthalene	12.11	142	833	0.184	ng	#	91
16) Acenaphthylene	14.02	152	3035	0.307	ng	#	96
17) Acenaphthene	14.37	154	1133	0.202	ng	#	92
18) Fluorene	15.35	166	2547	0.307	ng	#	90
23) Phenanthrene	17.09	178	82800	5.593	ng		99
24) Anthracene	17.19	178	5816	0.436	ng		98
26) Fluoranthene	19.12	202	94372	4.002	ng		98
28) Pyrene	19.48	202	155257	6.895	ng	#	96
30) Benzo(a)anthracene	21.22	228	69924	2.500	ng		97
31) Chrysene	21.27	228	83553	2.975	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	7151	0.123	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.22	276	32026	0.862	ng	#	97
35) Benzo(b)fluoranthene	22.92	252	64964	2.448	ng	#	96
36) Benzo(k)fluoranthene	22.92	252	64964	2.193	ng		98
37) Benzo(a)pyrene	23.71	252	8487	0.319	ng		94
38) Dibenzo(a,h)anthracene	26.22	278	9445	0.340	ng	#	88
39) Benzo(g,h,i)perylene	27.00	276	40181	1.408	ng		99

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

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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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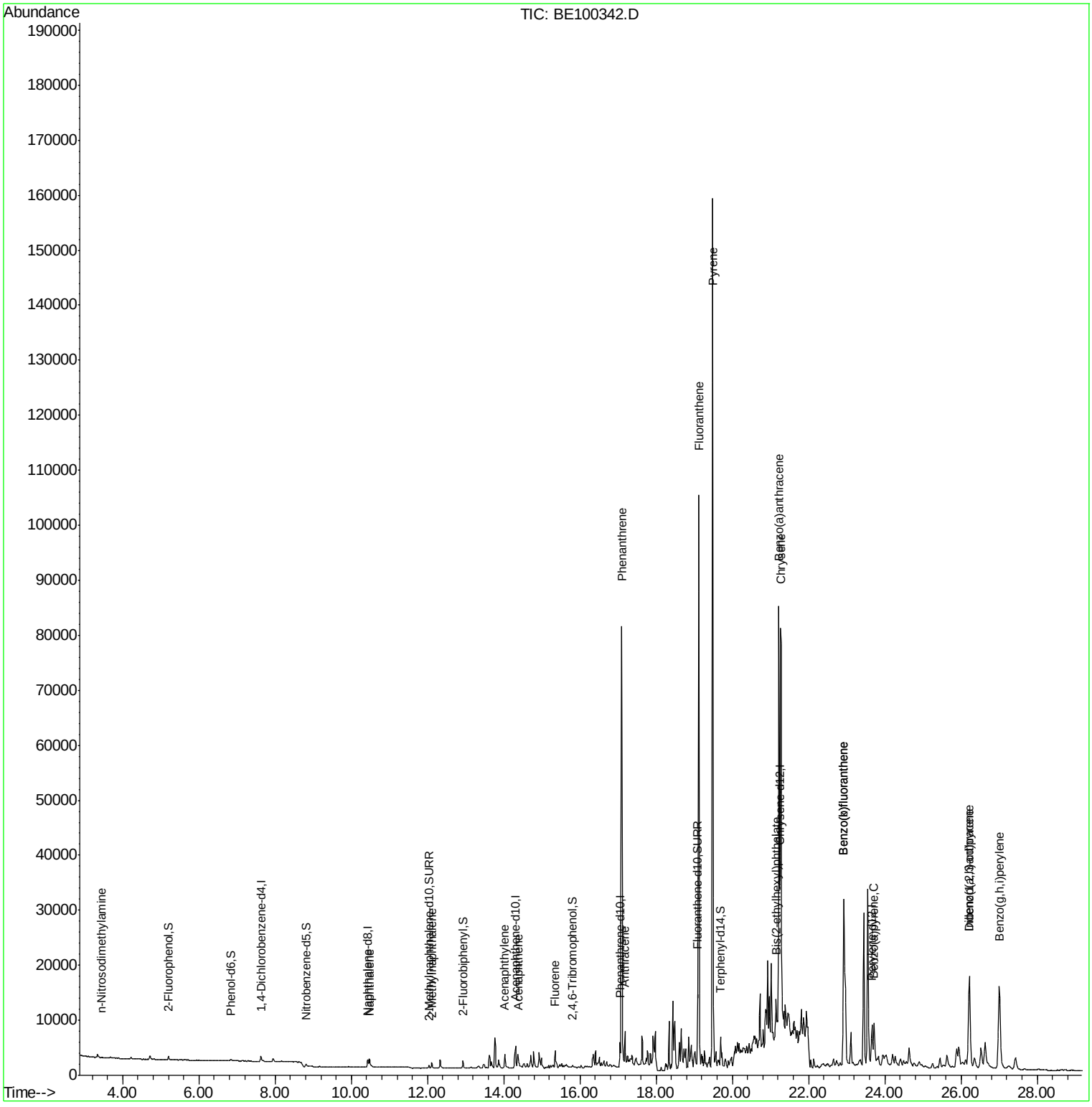
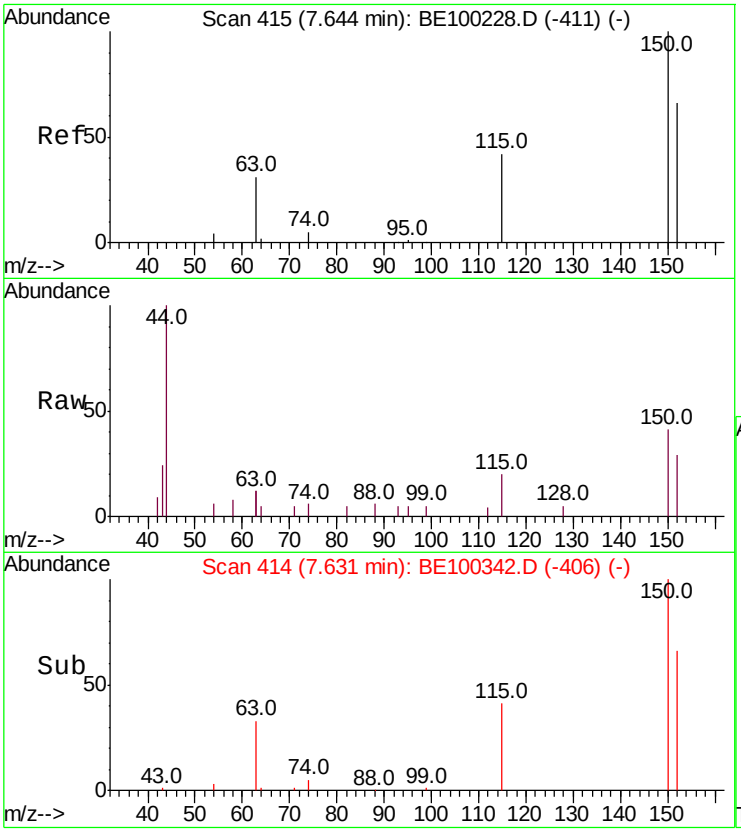


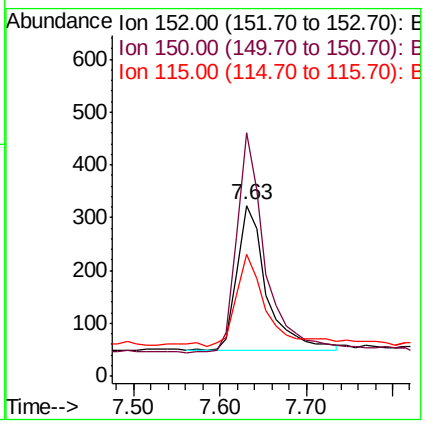


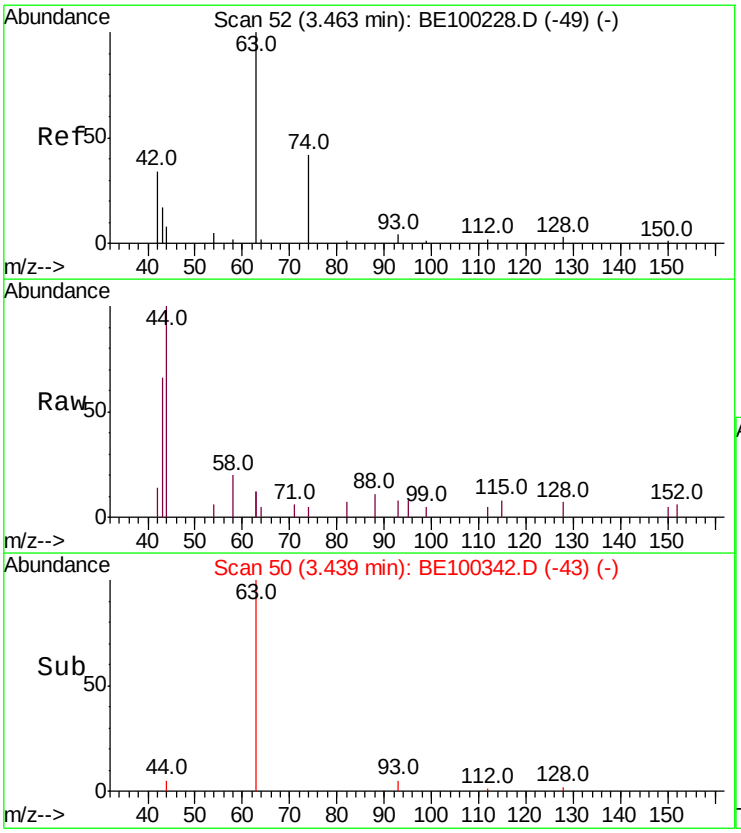
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 659

Ion	Ratio	Lower	Upper
152	100		
150	142.7	114.5	171.7
115	71.2	57.1	85.7

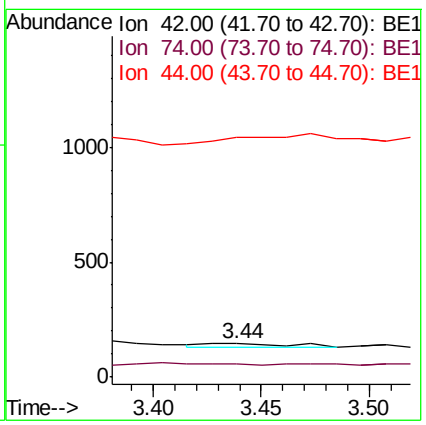


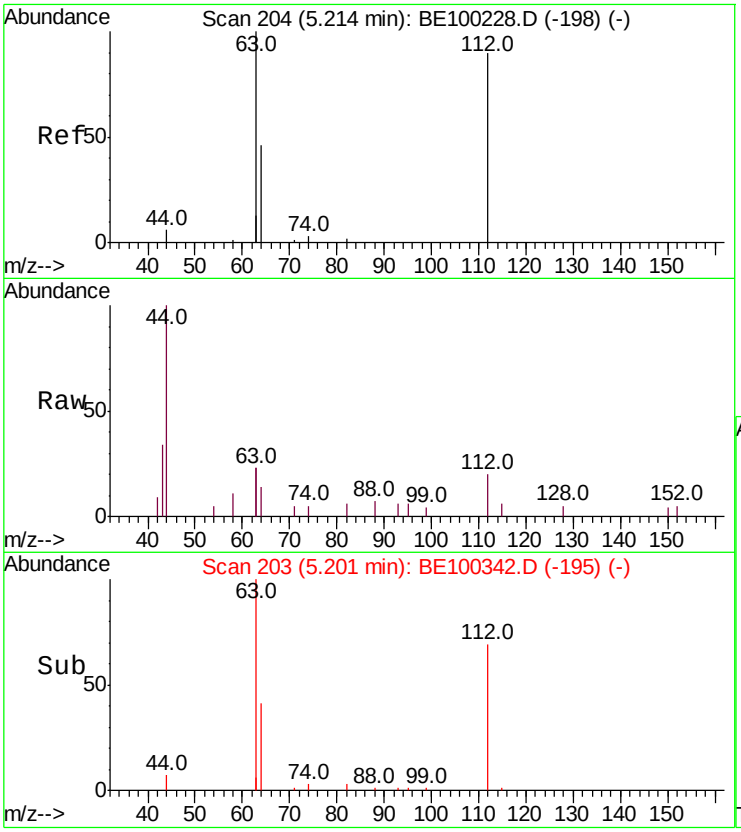


#3
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.44 min Scan# 50
Delta R.T. -0.02 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion: 42 Resp: 39

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



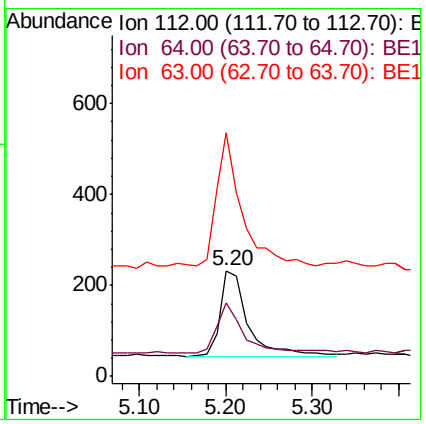


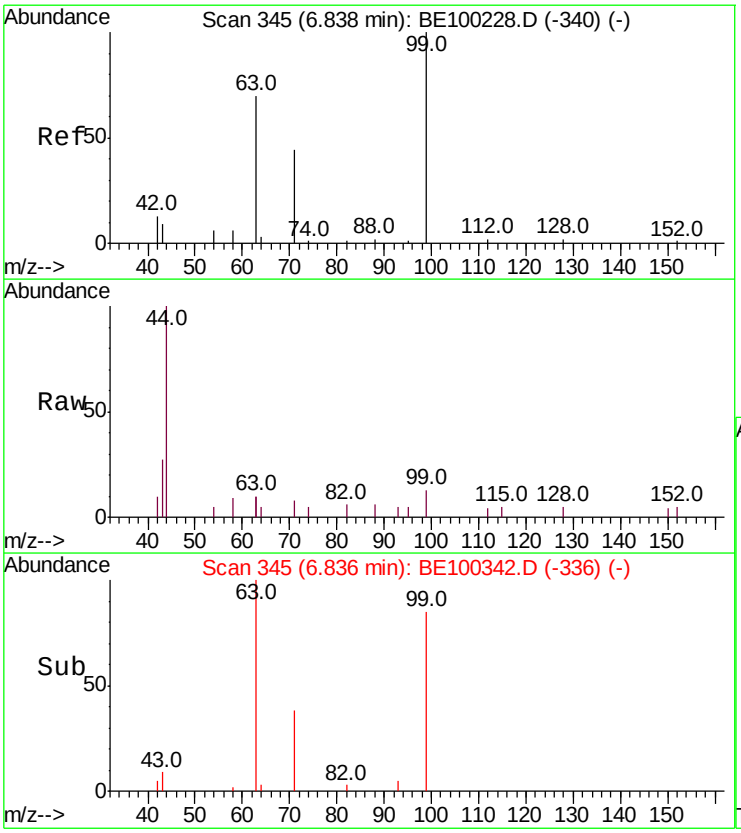
#4
2-Fluorophenol
Concen: 0.256 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 431

Ion	Ratio	Lower	Upper
112	100		
64	53.1	39.4	59.0
63	140.8	104.5	156.7

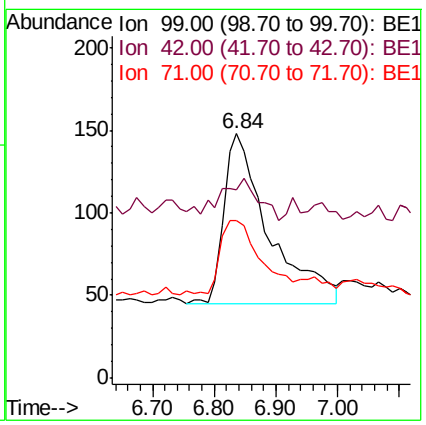


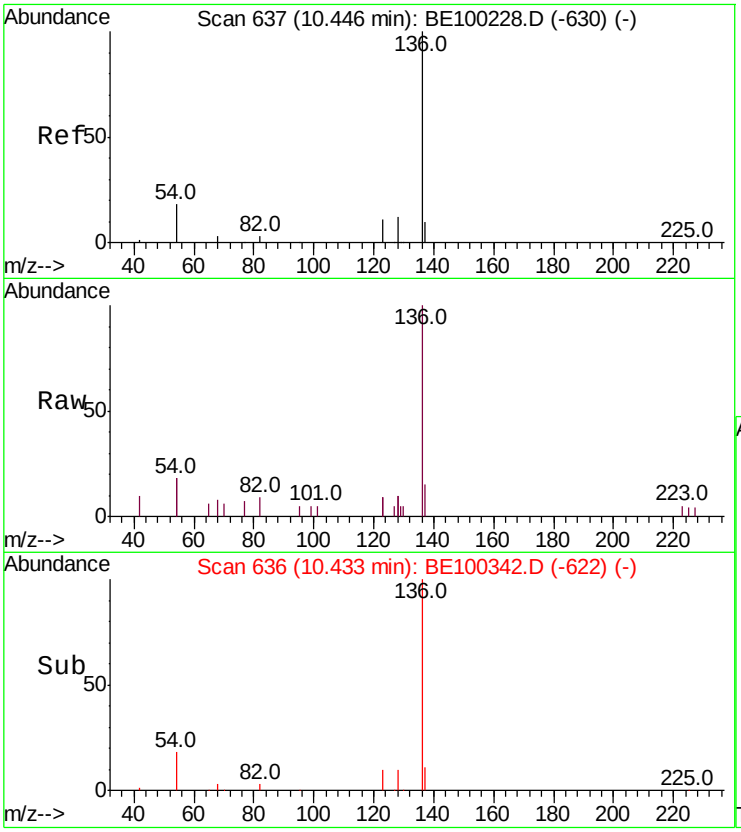


#5
Phenol-d6
Concen: 0.235 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion: 99 Resp: 520

Ion	Ratio	Lower	Upper
99	100		
42	22.5	11.2	16.8#
71	0.0	37.2	55.8#



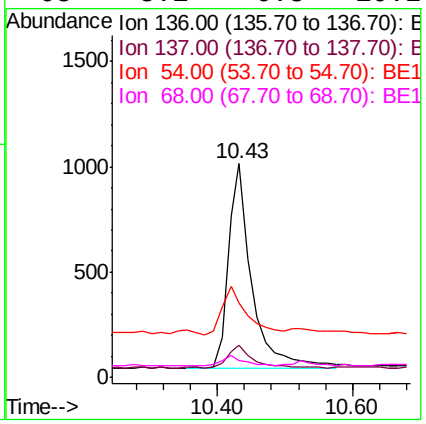


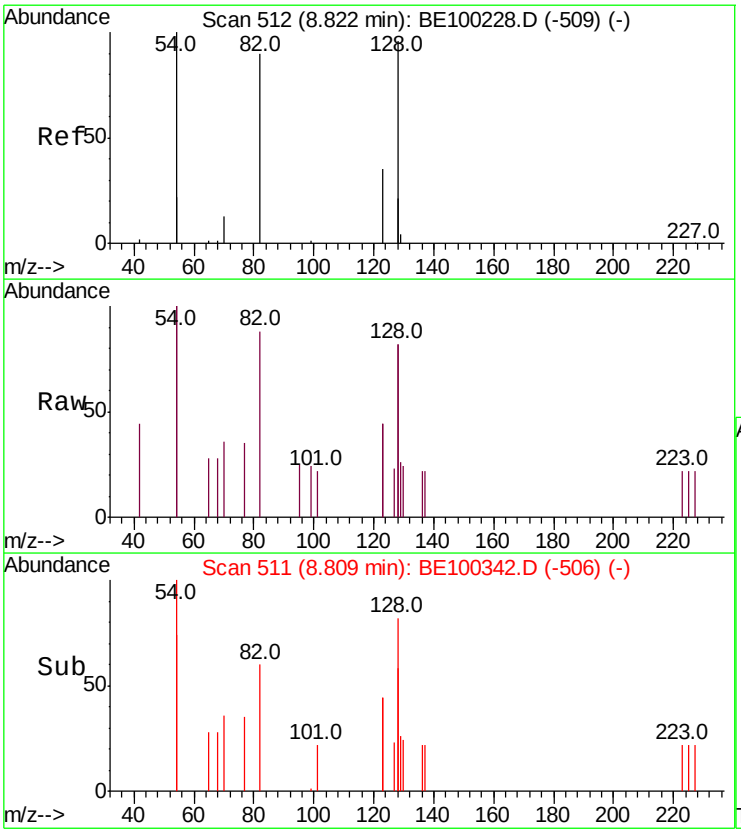
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2333

Ion	Ratio	Lower	Upper
136	100		
137	15.0	11.8	17.8
54	35.1	27.7	41.5
68	8.1	6.8	10.2

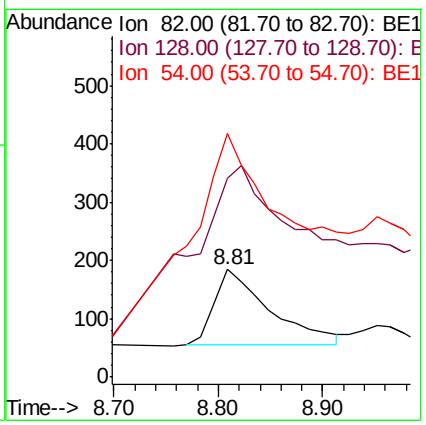


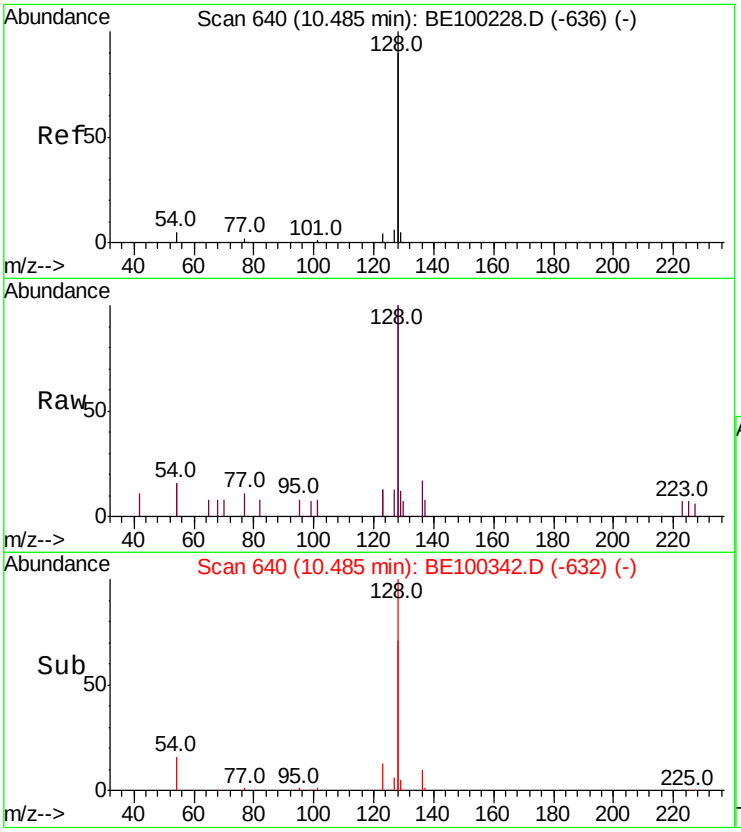


#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion: 82 Resp: 468

Ion	Ratio	Lower	Upper
82	100		
128	185.9	140.9	211.3
54	227.2	146.2	219.2#



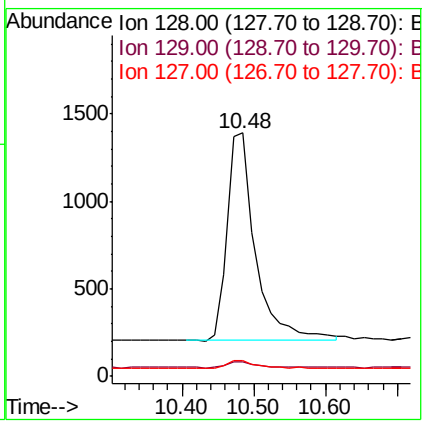


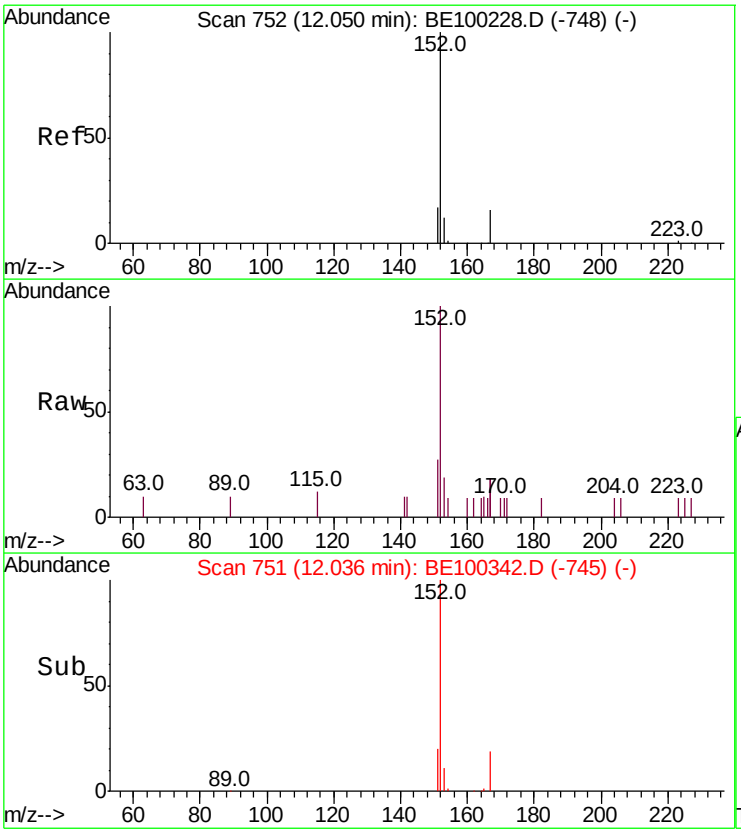
#9
Naphthalene
Concen: 0.125 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3213

Ion	Ratio	Lower	Upper
128	100		
129	6.0	3.0	4.6#
127	6.6	3.5	5.3#

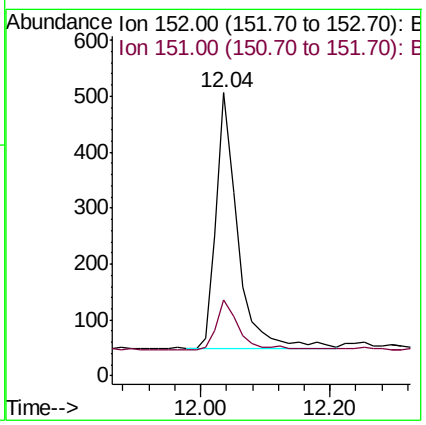


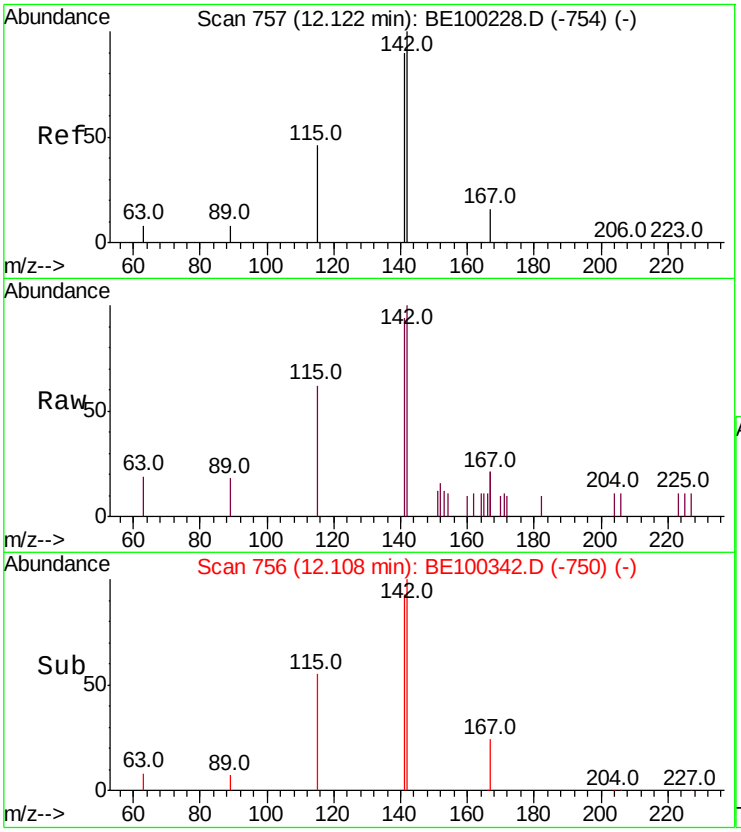


#11
2-Methylnaphthalene-d10
Concen: 0.237 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:152 Resp: 1042

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.1	22.7



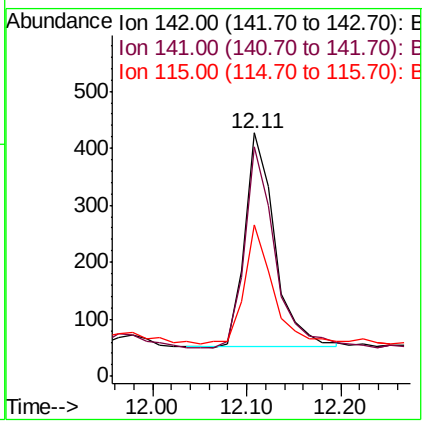


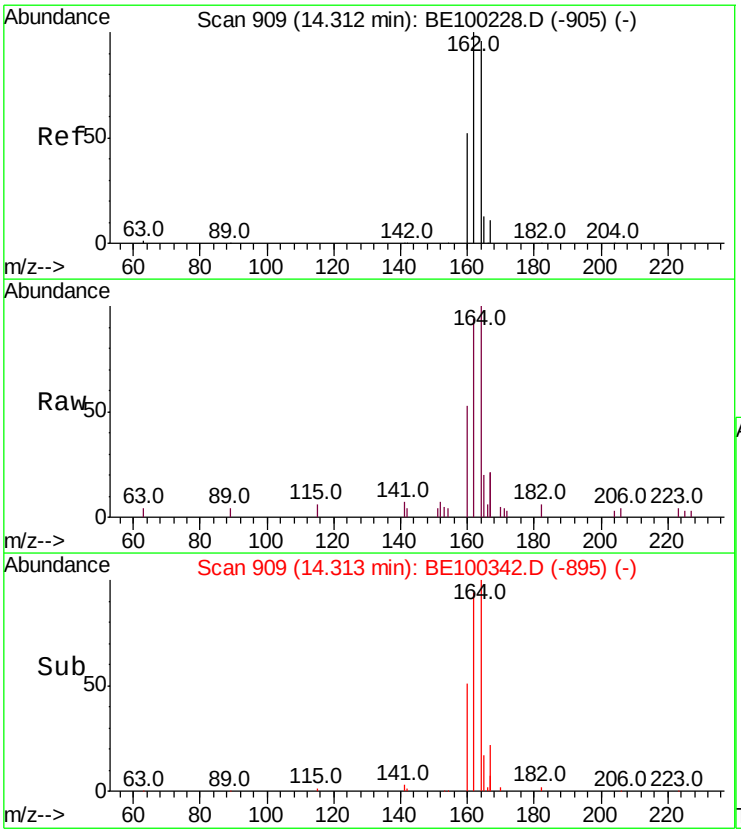
#12
2-Methylnaphthalene
Concen: 0.184 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 833

Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.4	108.6
115	62.3	40.4	60.6#

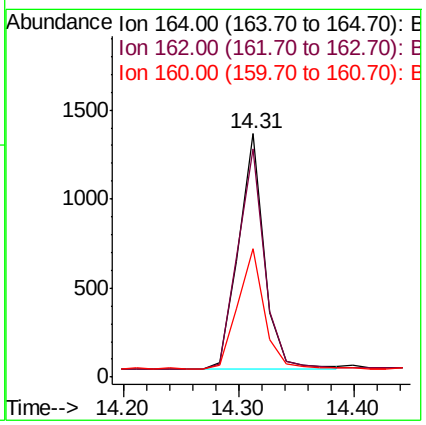


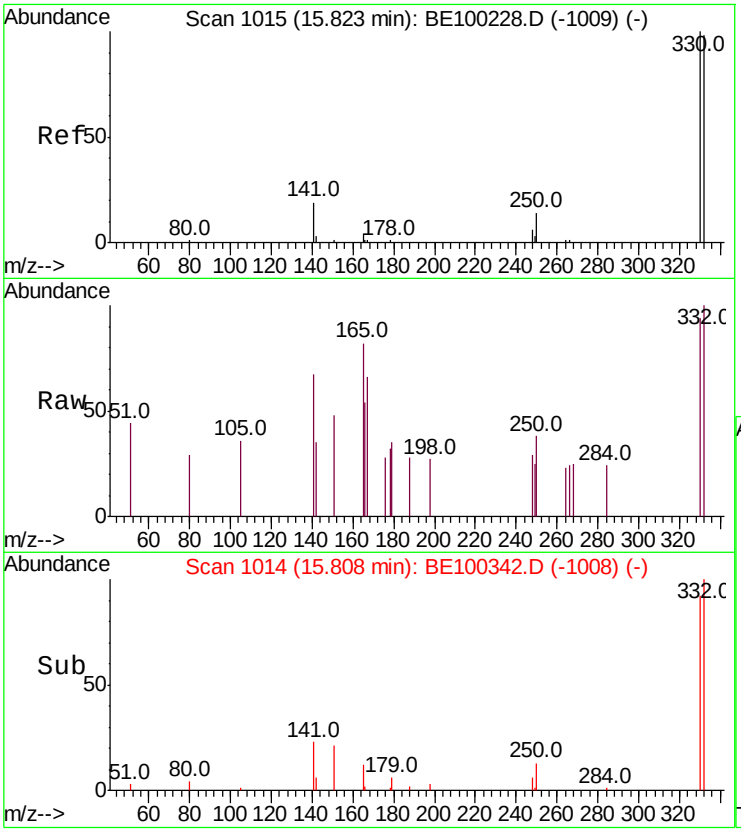


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:164 Resp: 2060

Ion	Ratio	Lower	Upper
164	100		
162	93.9	83.4	125.0
160	52.5	45.0	67.6



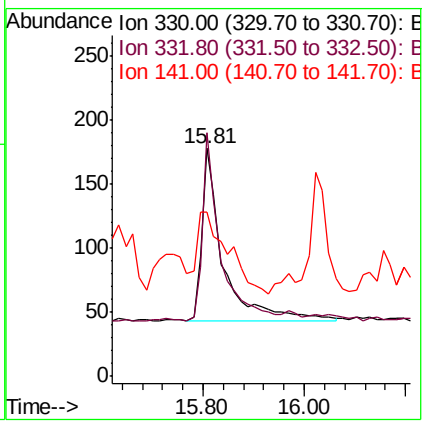


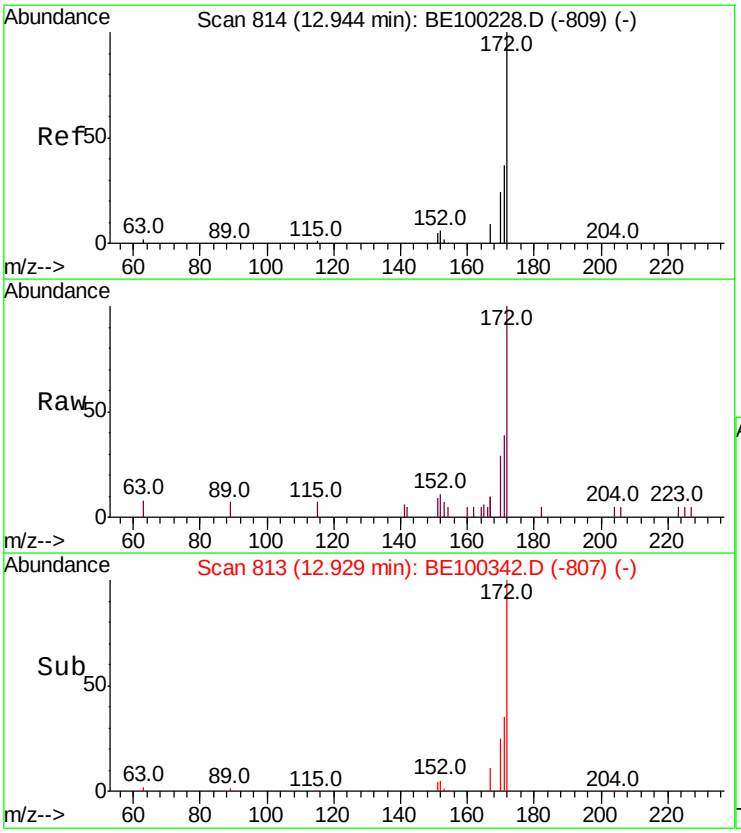
#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 398

Ion	Ratio	Lower	Upper
330	100		
332	90.5	77.0	115.4
141	68.6	22.0	33.0#

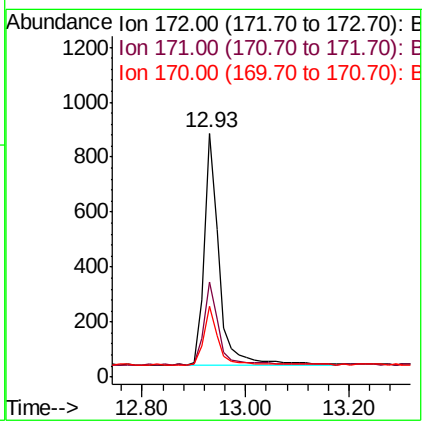


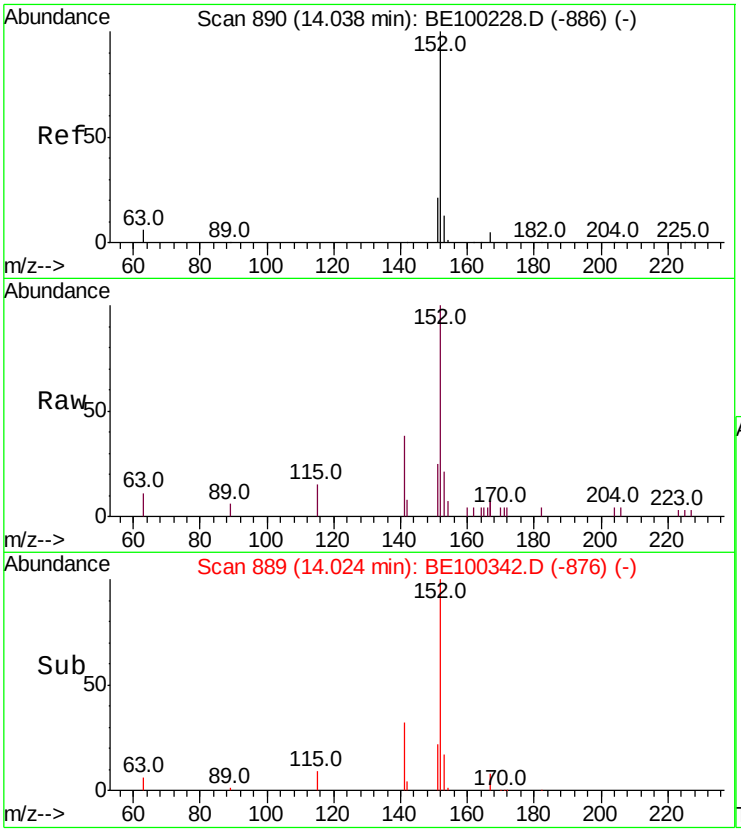


#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:172 Resp: 1682

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.9	47.9
170	28.8	22.2	33.2



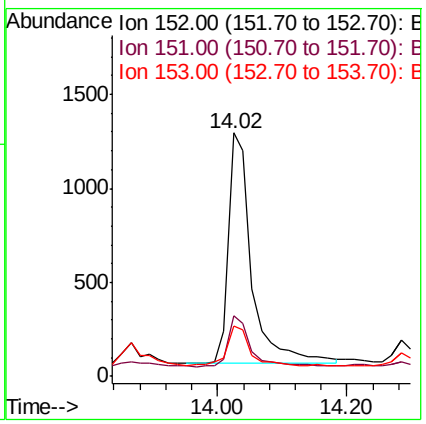


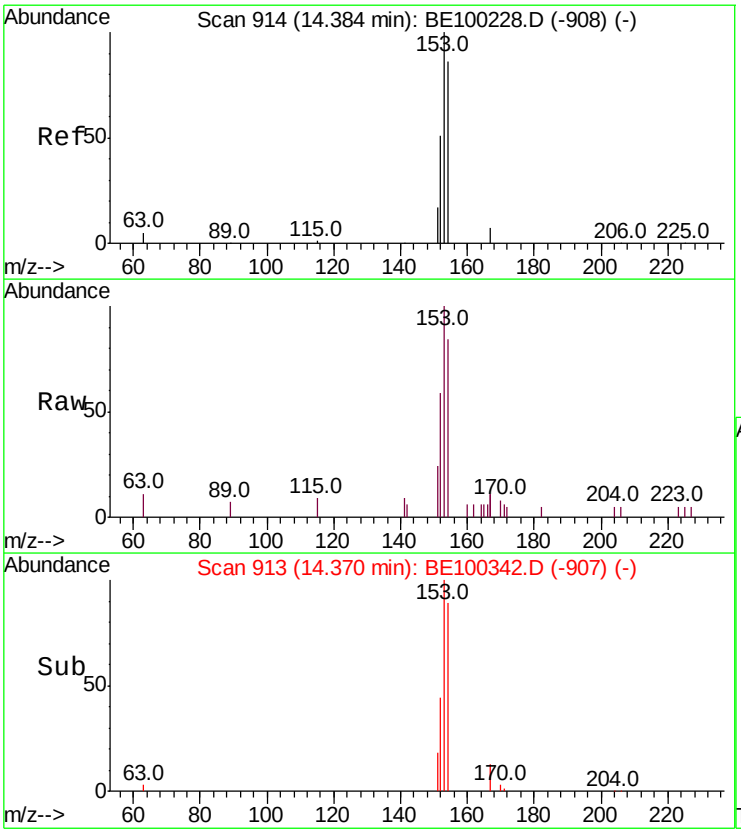
#16
Acenaphthylene
Concen: 0.307 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3035

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	16.7	10.5	15.7#

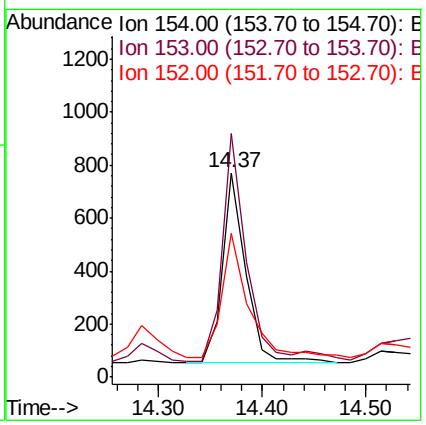


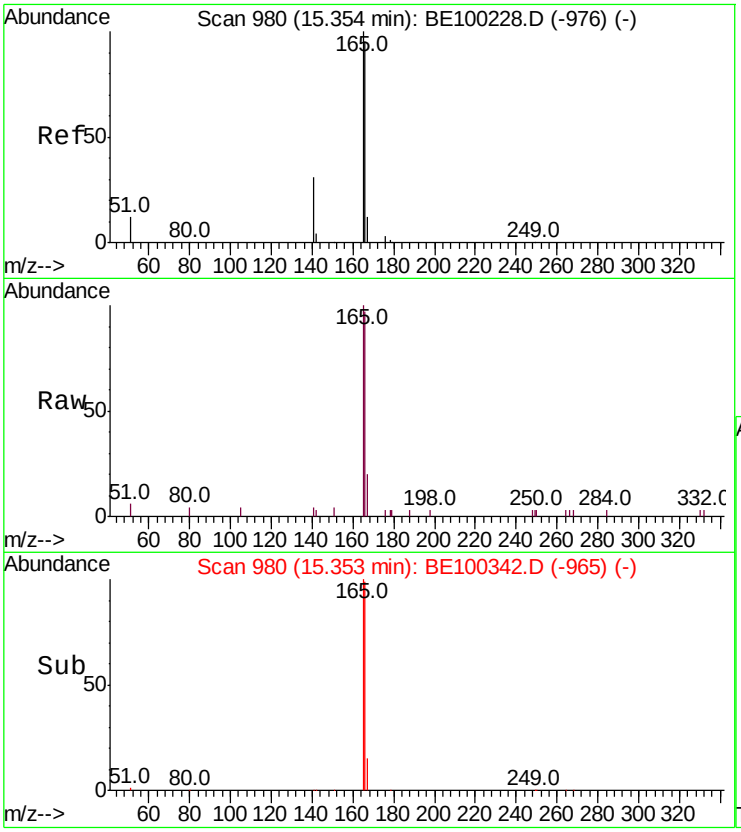


#17
Acenaphthene
Concen: 0.202 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:154 Resp: 1133

Ion	Ratio	Lower	Upper
154	100		
153	119.9	93.4	140.2
152	74.4	49.4	74.2#



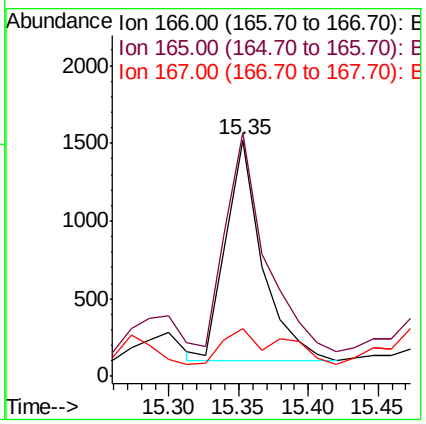


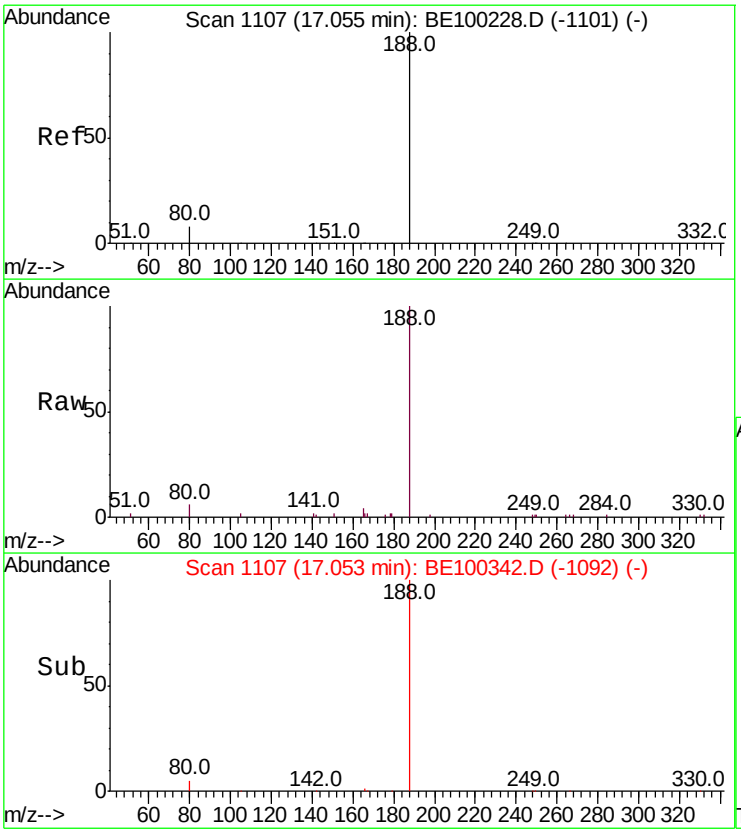
#18
Fluorene
Concen: 0.307 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2547

Ion	Ratio	Lower	Upper
166	100		
165	108.6	81.1	121.7
167	27.2	10.7	16.1#

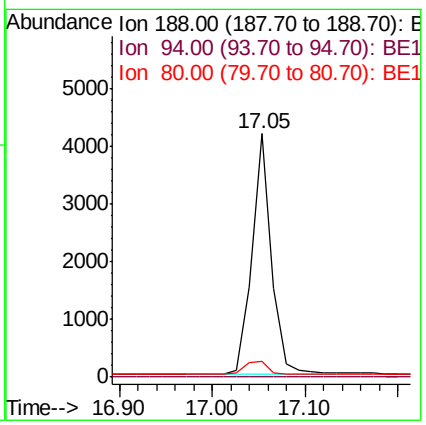


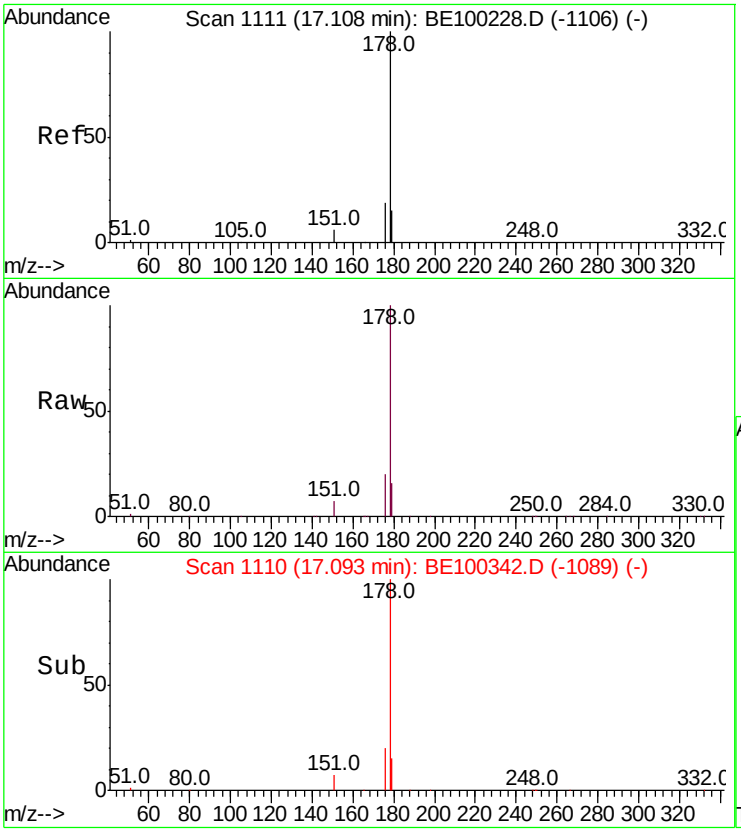


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:188 Resp: 6108

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	7.6	11.4#



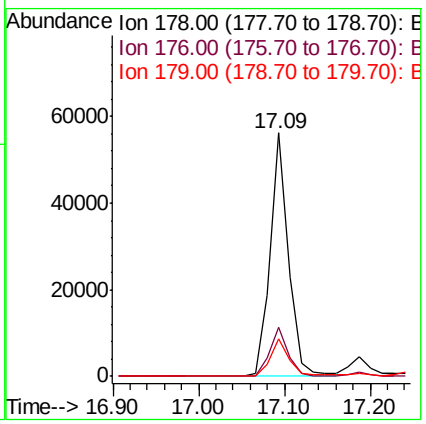


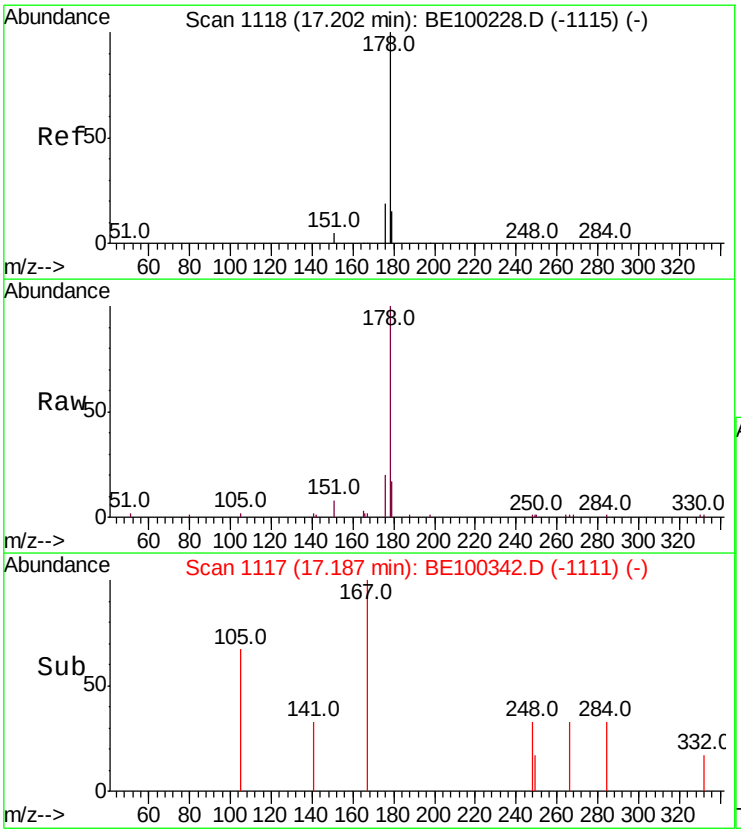
#23
Phenanthrene
Concen: 5.593 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 82800

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.8	12.2	18.2

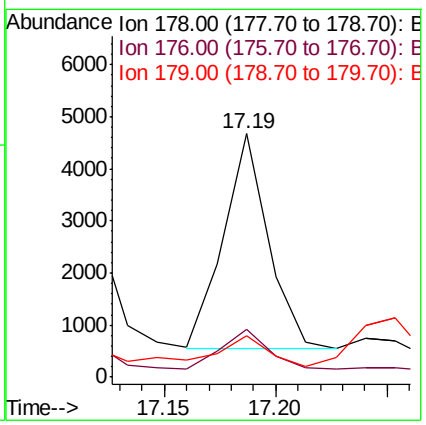


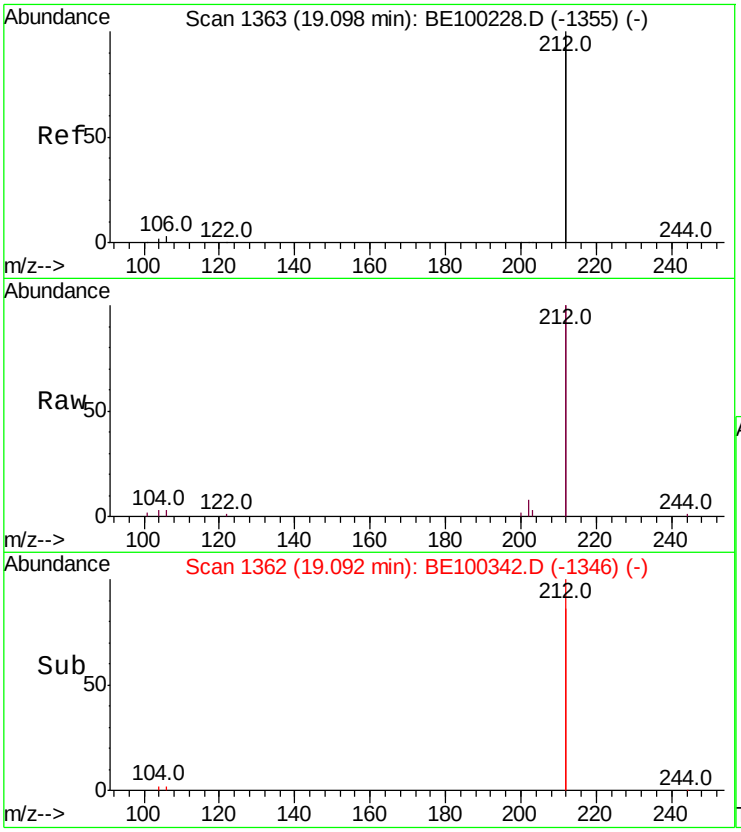


#24
Anthracene
Concen: 0.436 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:178 Resp: 5816

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	14.0	12.2	18.2



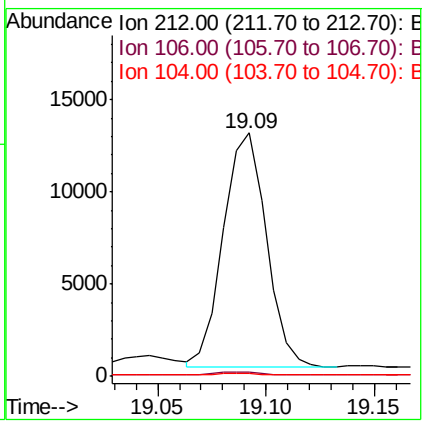


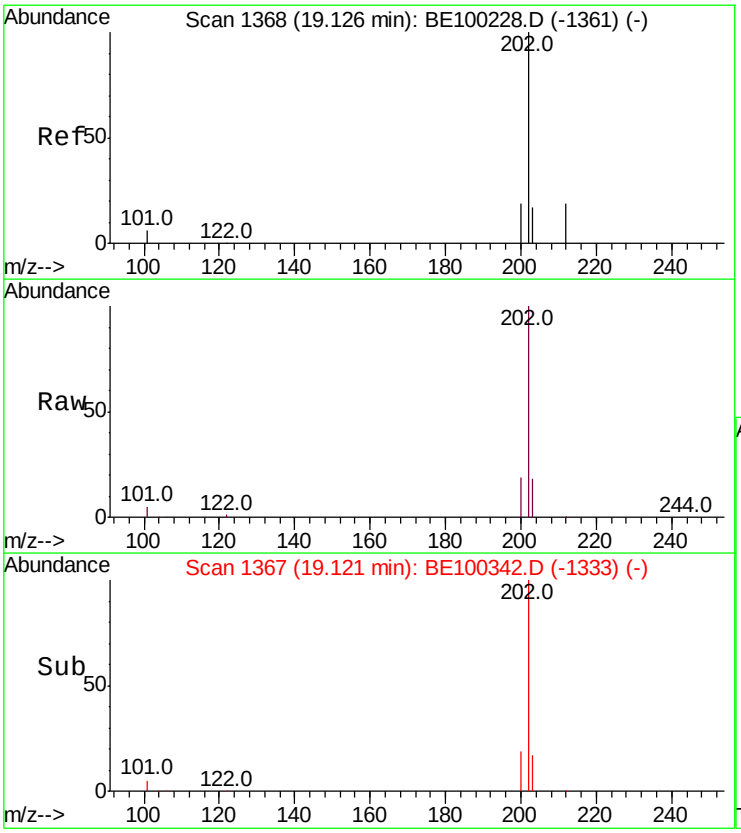
#25
Fluoranthene-d10
Concen: 0.197 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 17456

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.1	0.8	1.2

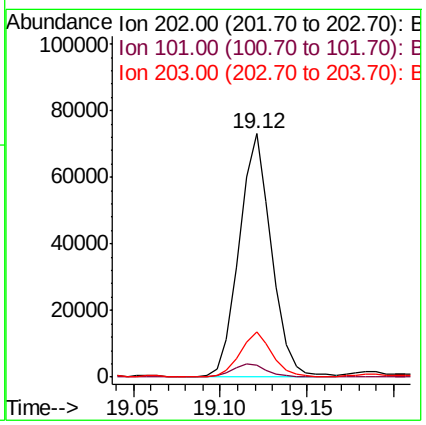


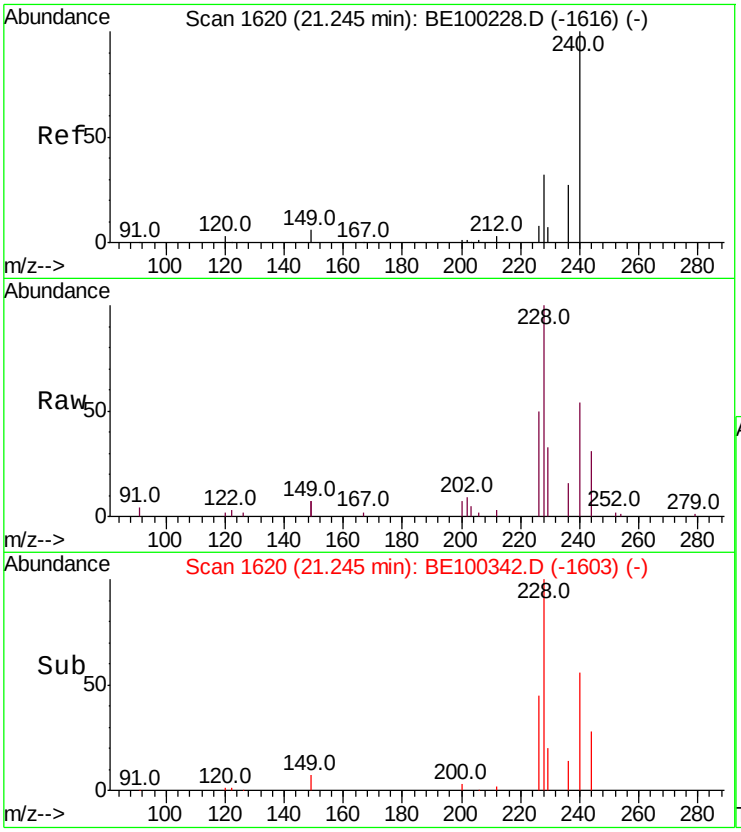


#26
Fluoranthene
Concen: 4.002 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:202 Resp: 94372

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	18.1	13.7	20.5



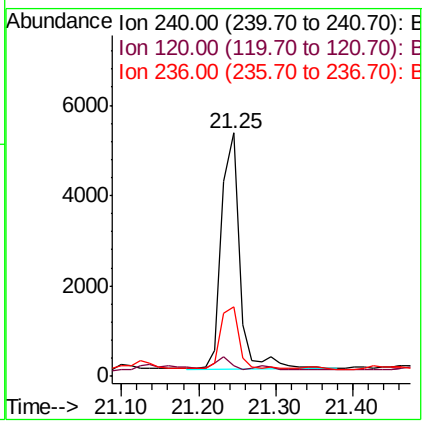


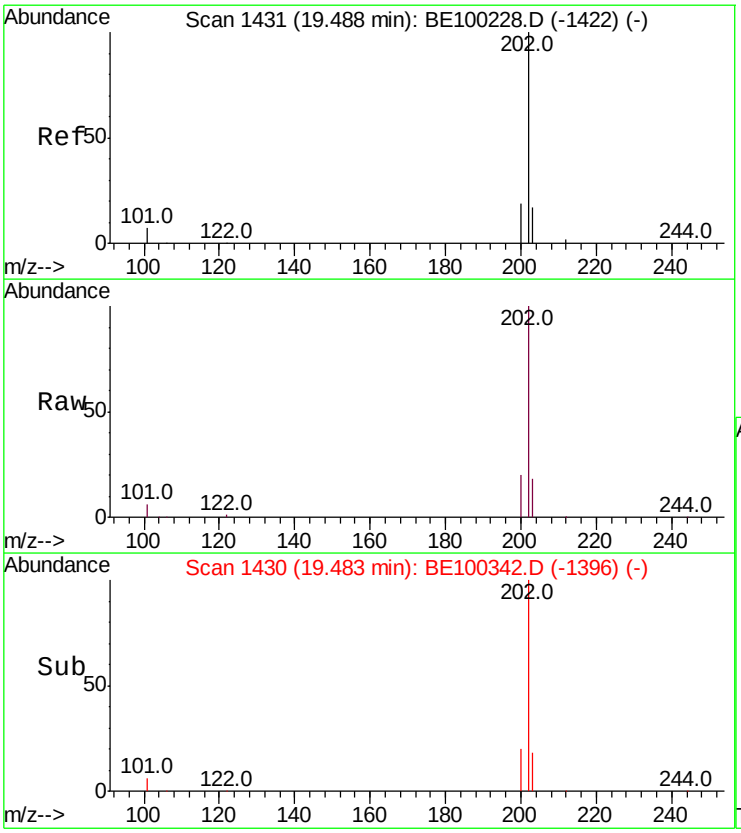
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8505

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.3	4.9
236	28.8	22.6	34.0

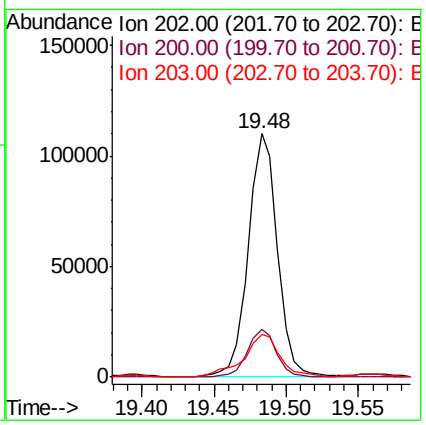


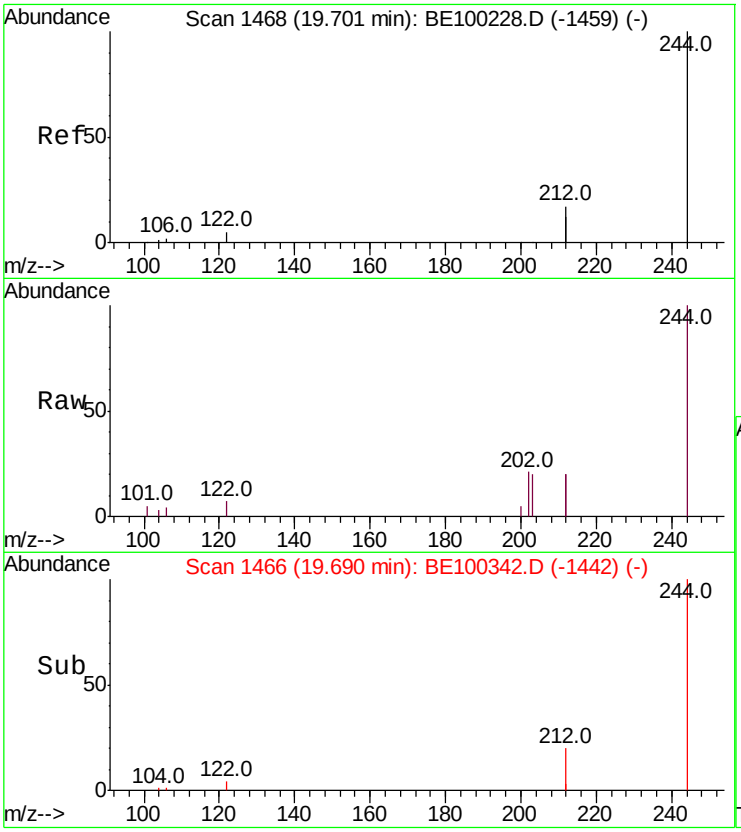


#28
Pyrene
Concen: 6.895 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:202 Resp: 155257

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	21.3	14.0	21.0#



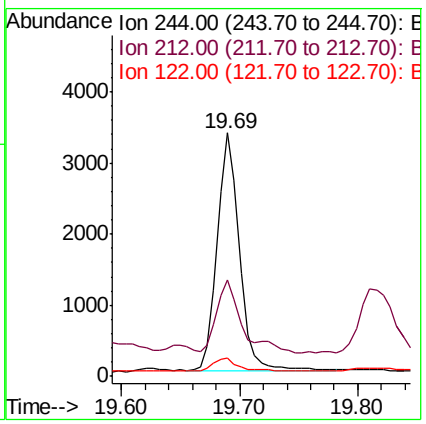


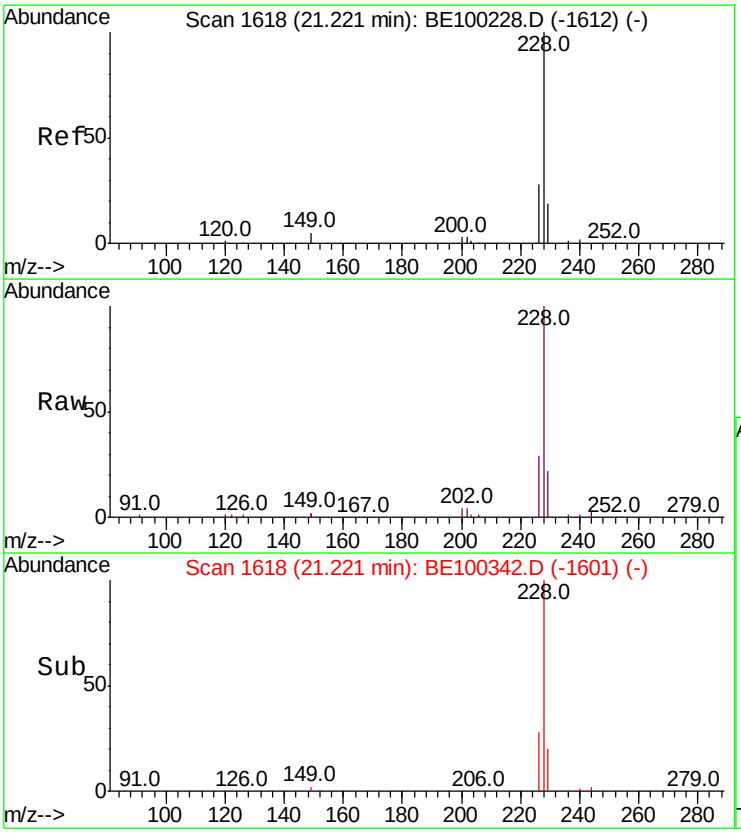
#29
Terphenyl-d14
Concen: 0.245 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4324

Ion	Ratio	Lower	Upper
244	100		
212	39.6	27.3	40.9
122	7.3	4.7	7.1#

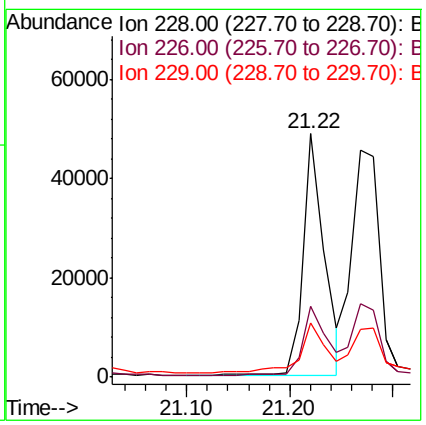


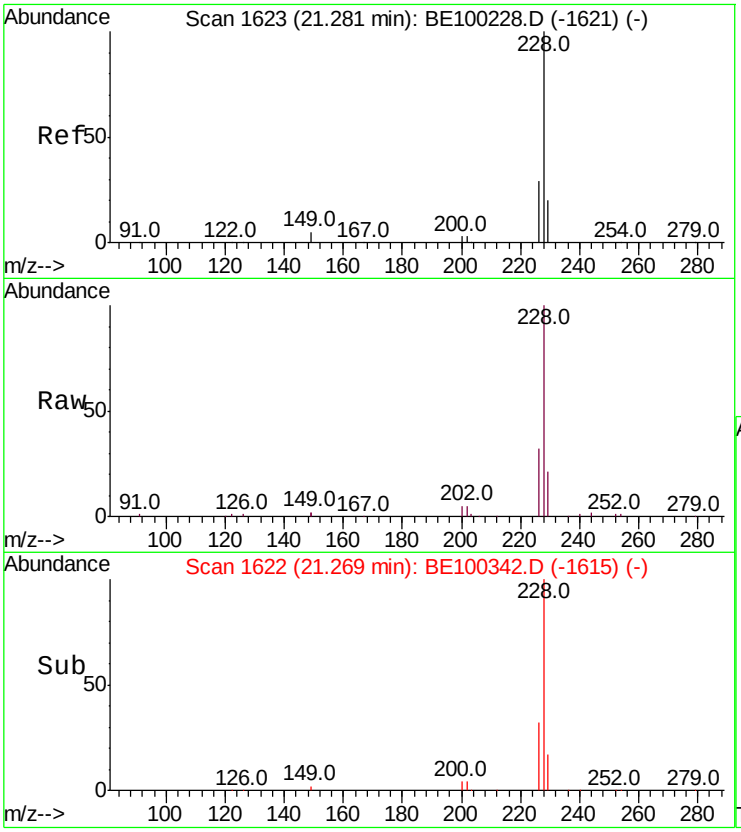


#30
Benzo(a)anthracene
Concen: 2.500 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:228 Resp: 69924

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.2	34.8
229	22.5	15.7	23.5



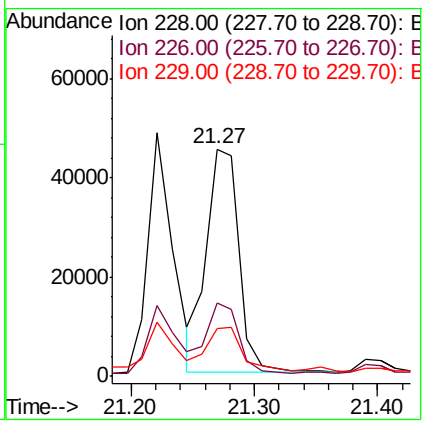


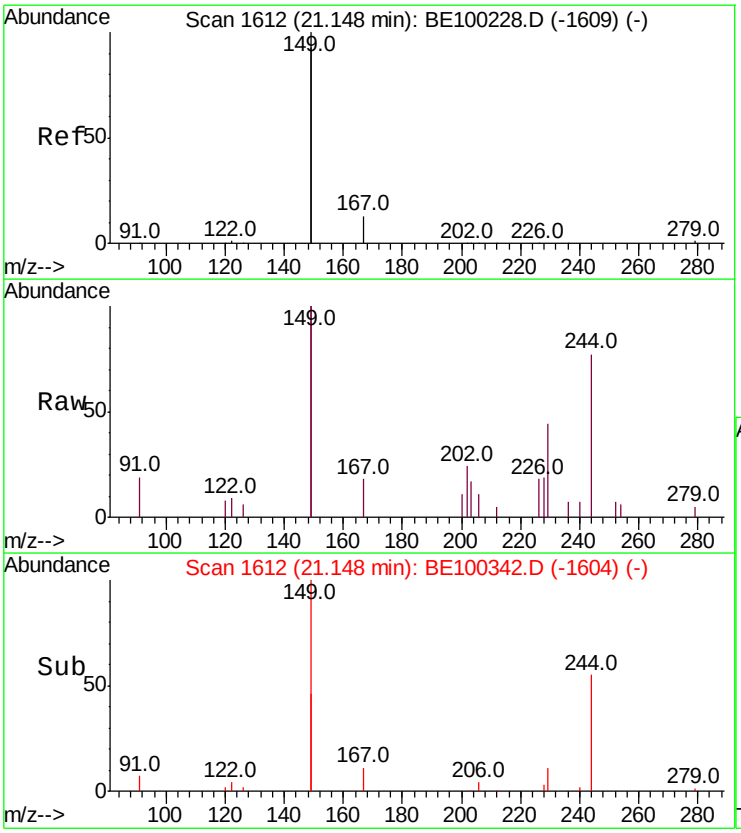
#31
Chrysene
Concen: 2.975 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 83553

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.9	35.9
229	21.3	16.5	24.7

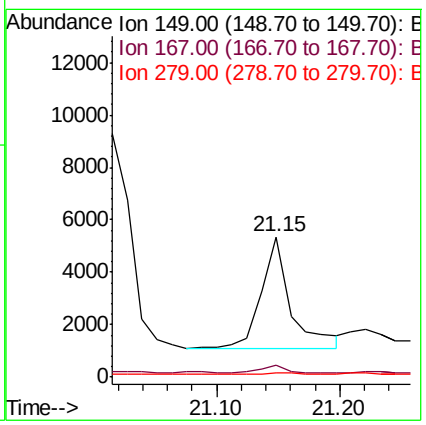


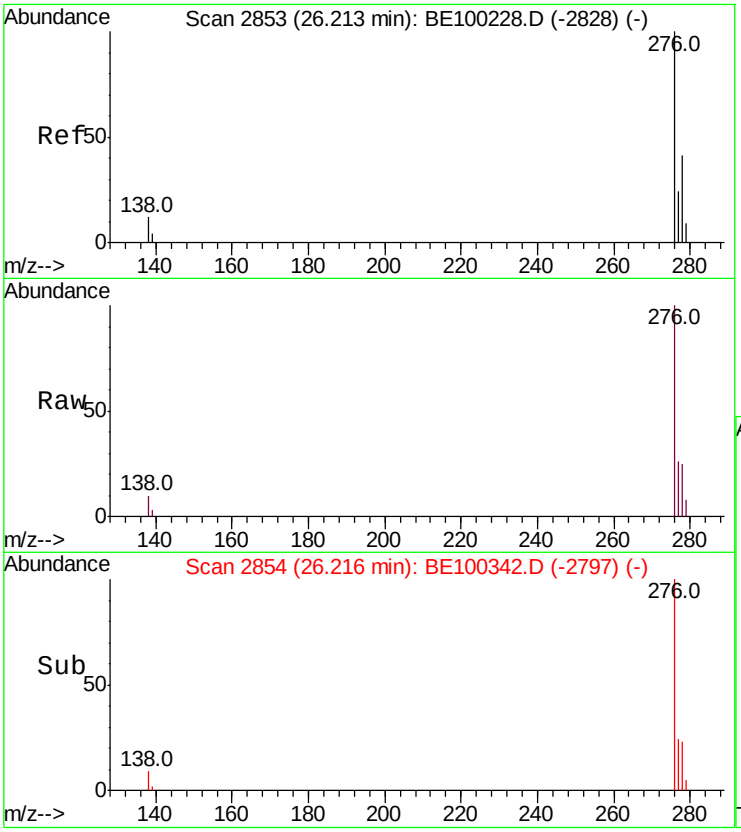


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.123 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:149 Resp: 7151

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



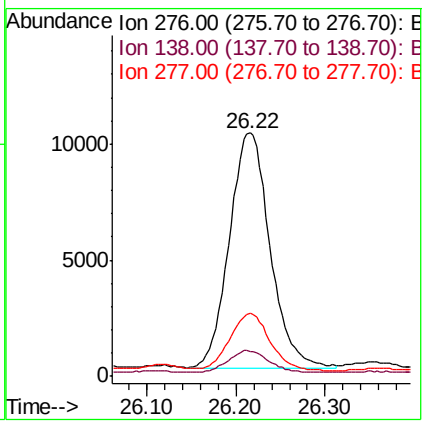


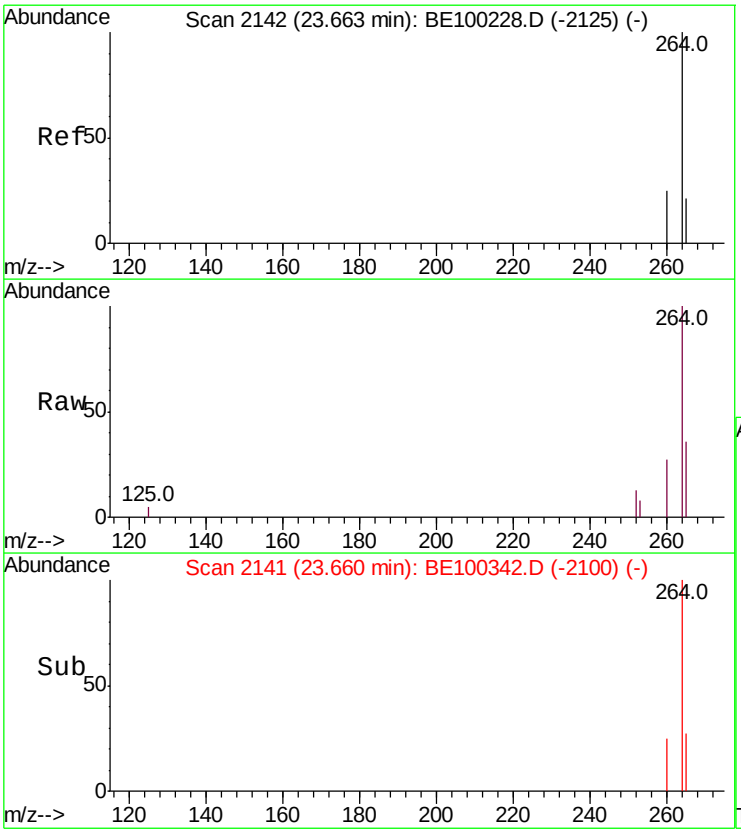
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.862 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 32026

Ion	Ratio	Lower	Upper
276	100		
138	9.3	9.4	14.0#
277	24.4	19.2	28.8

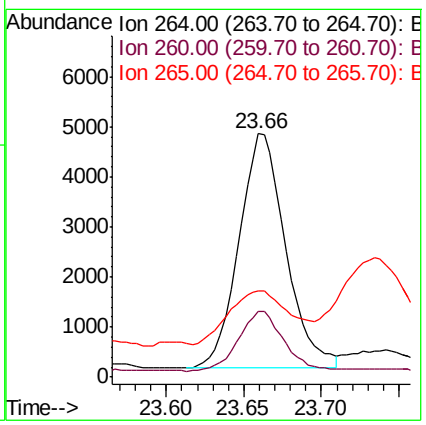


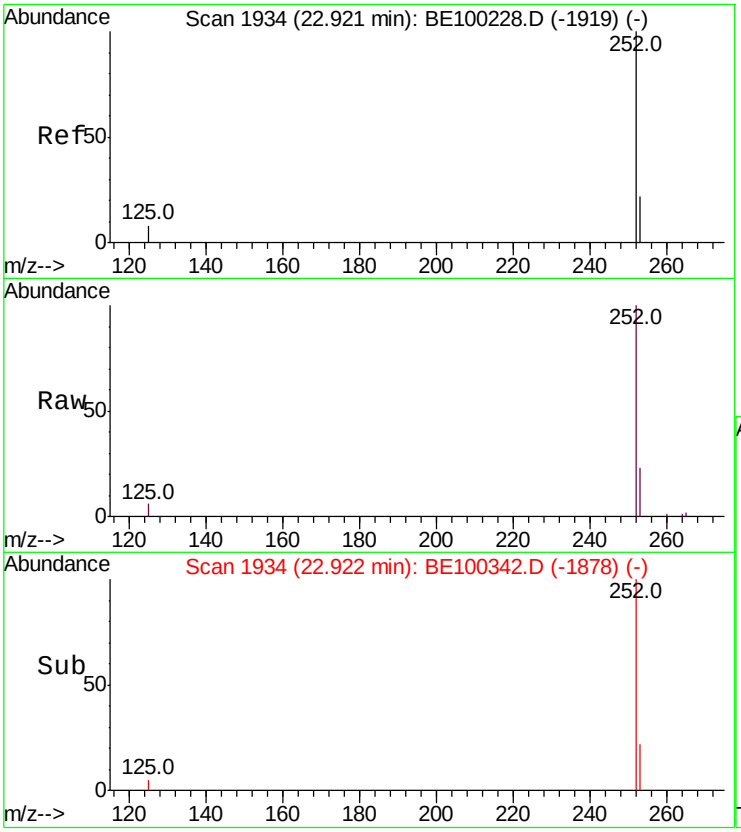


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:264 Resp: 9788

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	35.6	21.8	32.6#



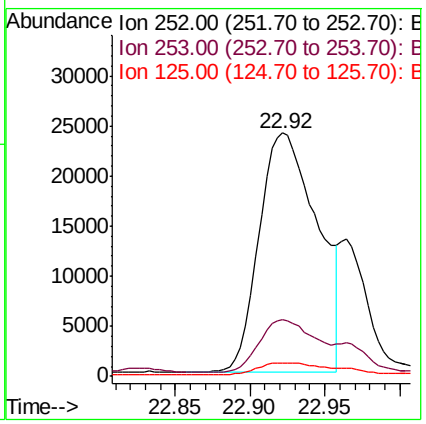


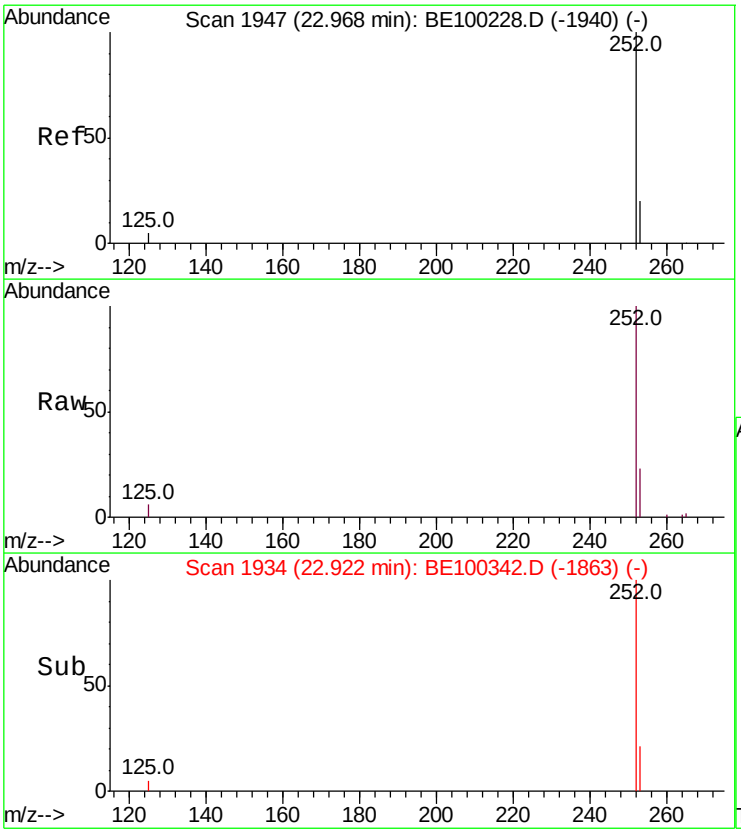
#35
Benzo(b)fluoranthene
Concen: 2.448 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 64964

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	5.6	7.4	11.0#

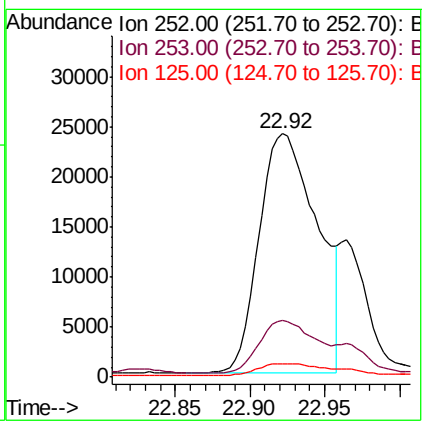


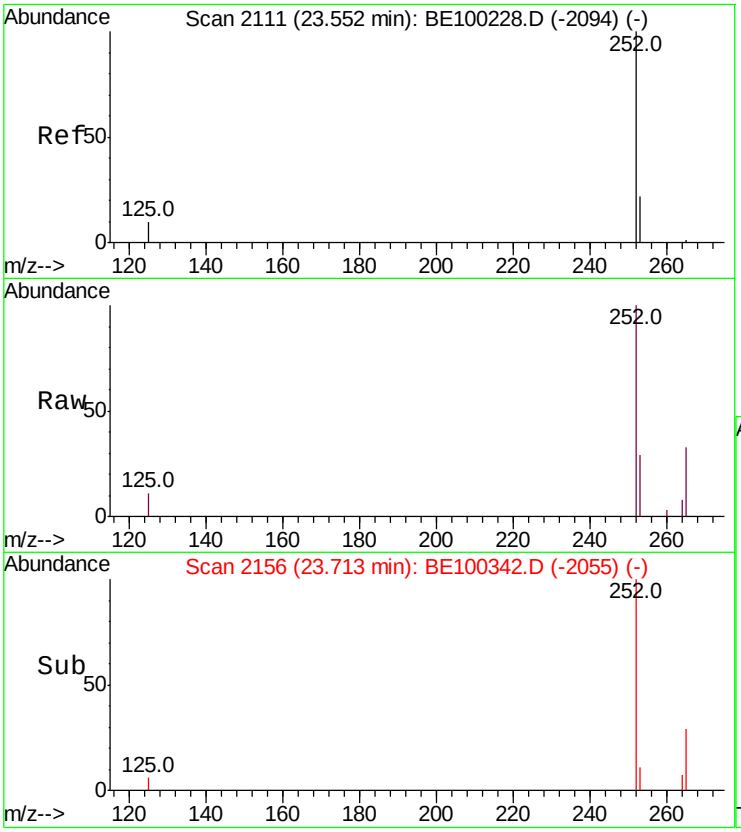


#36
Benzo(k)fluoranthene
Concen: 2.193 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.05 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:252 Resp: 64964

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	5.6	5.0	7.4



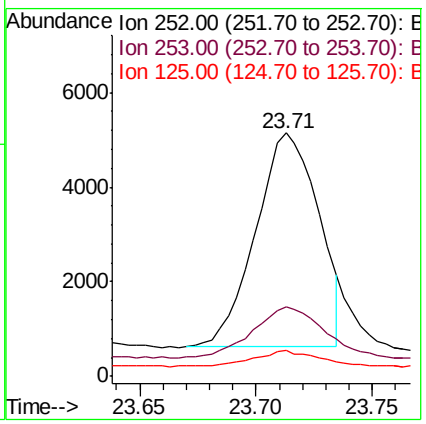


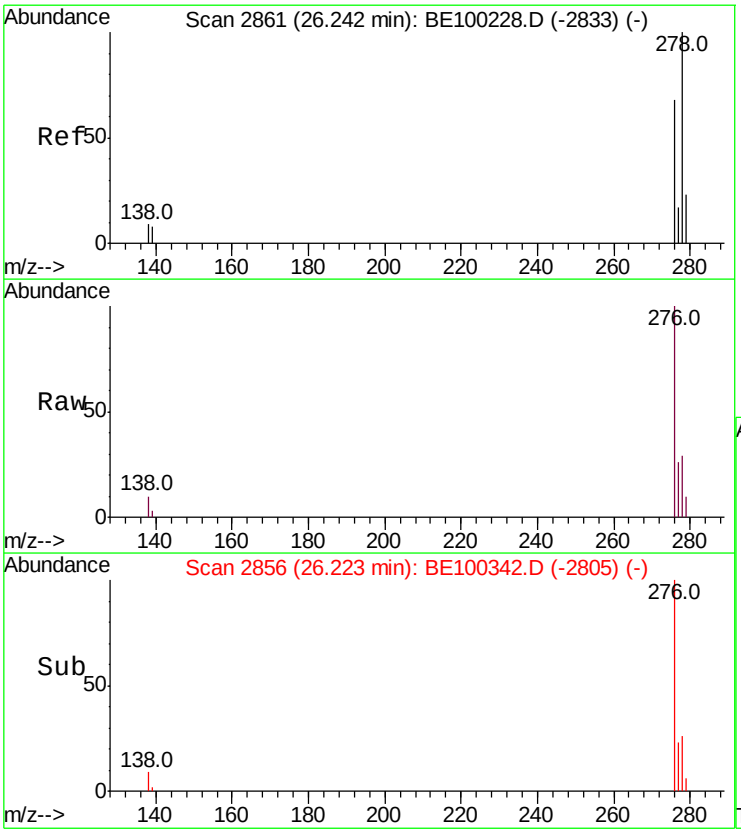
#37
Benzo(a)pyrene
Concen: 0.319 ng
RT: 23.71 min Scan# 2156
Delta R.T. 0.16 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8487

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.6	29.4
125	10.6	9.0	13.6

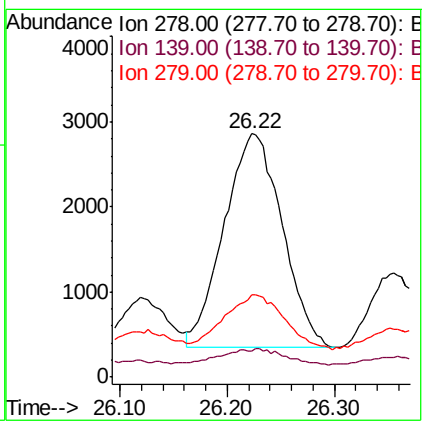


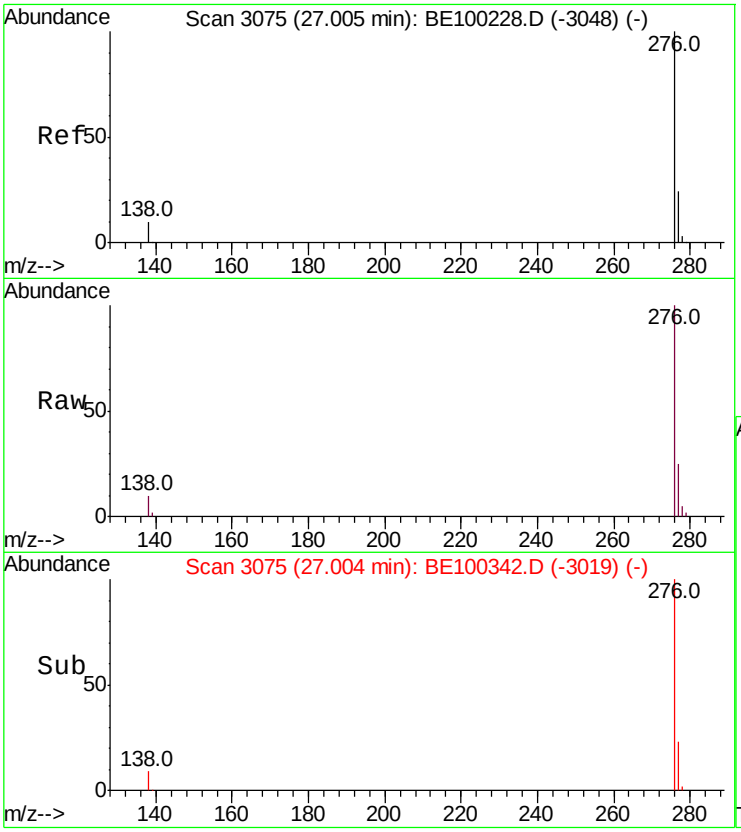


#38
Dibenzo(a,h)anthracene
Concen: 0.340 ng
RT: 26.22 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Tgt Ion:278 Resp: 9445

Ion	Ratio	Lower	Upper
278	100		
139	10.9	8.2	12.2
279	33.8	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.408 ng
RT: 27.00 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BE100342.D
Acq: 3 Jul 2019 23:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 40181

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.2	30.2
138	10.3	9.0	13.6