Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100363.D
Acq On : 4 Jul 2019 12:50
Operator : JU/SJ
Sample : K3561-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 05 01:14:50 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	621	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2042	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1641	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5209	0.40	ng		0.00
27) Chrysene-d12	21.24	240	6773	0.40	ng		0.00
34) Perylene-d12	23.67	264	8233	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	595	0.38	ng		-0.01
5) Phenol-d6	6.83	99	773	0.37	ng		-0.01
8) Nitrobenzene-d5	8.81	82	810	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1416	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	473	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	2285	0.36	ng		-0.01
25) Fluoranthene-d10	19.09	212	20190	0.27	ng		0.00
29) Terphenyl-d14	19.69	244	4304	0.31	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.43	42	33	0.073	ng	#	1
9) Naphthalene	10.48	128	1648	0.073	ng	#	88
12) 2-Methylnaphthalene	12.11	142	101	0.026	ng	#	75
16) Acenaphthylene	14.04	152	1334	0.169	ng		92
17) Acenaphthene	14.37	154	235	0.053	ng		94
18) Fluorene	15.35	166	415	0.063	ng	#	90
23) Phenanthrene	17.09	178	11254	0.891	ng		100
24) Anthracene	17.19	178	2096	0.184	ng		97
26) Fluoranthene	19.12	202	32666	1.624	ng		99
28) Pyrene	19.48	202	34397	1.918	ng	#	96
30) Benzo(a)anthracene	21.22	228	23443	1.053	ng		94
31) Chrysene	21.28	228	23117	1.034	ng		94
32) Bis(2-ethylhexyl)phthalate	21.15	149	7907	0.194	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.22	276	12530	0.424	ng	#	95
35) Benzo(b)fluoranthene	22.92	252	26585	1.191	ng		97
36) Benzo(k)fluoranthene	22.92	252	26585	1.067	ng	#	94
37) Benzo(a)pyrene	23.45	252	13830	0.618	ng		97
38) Dibenzo(a,h)anthracene	26.23	278	3066	0.131	ng	#	63
39) Benzo(g,h,i)perylene	27.01	276	12021	0.501	ng		94

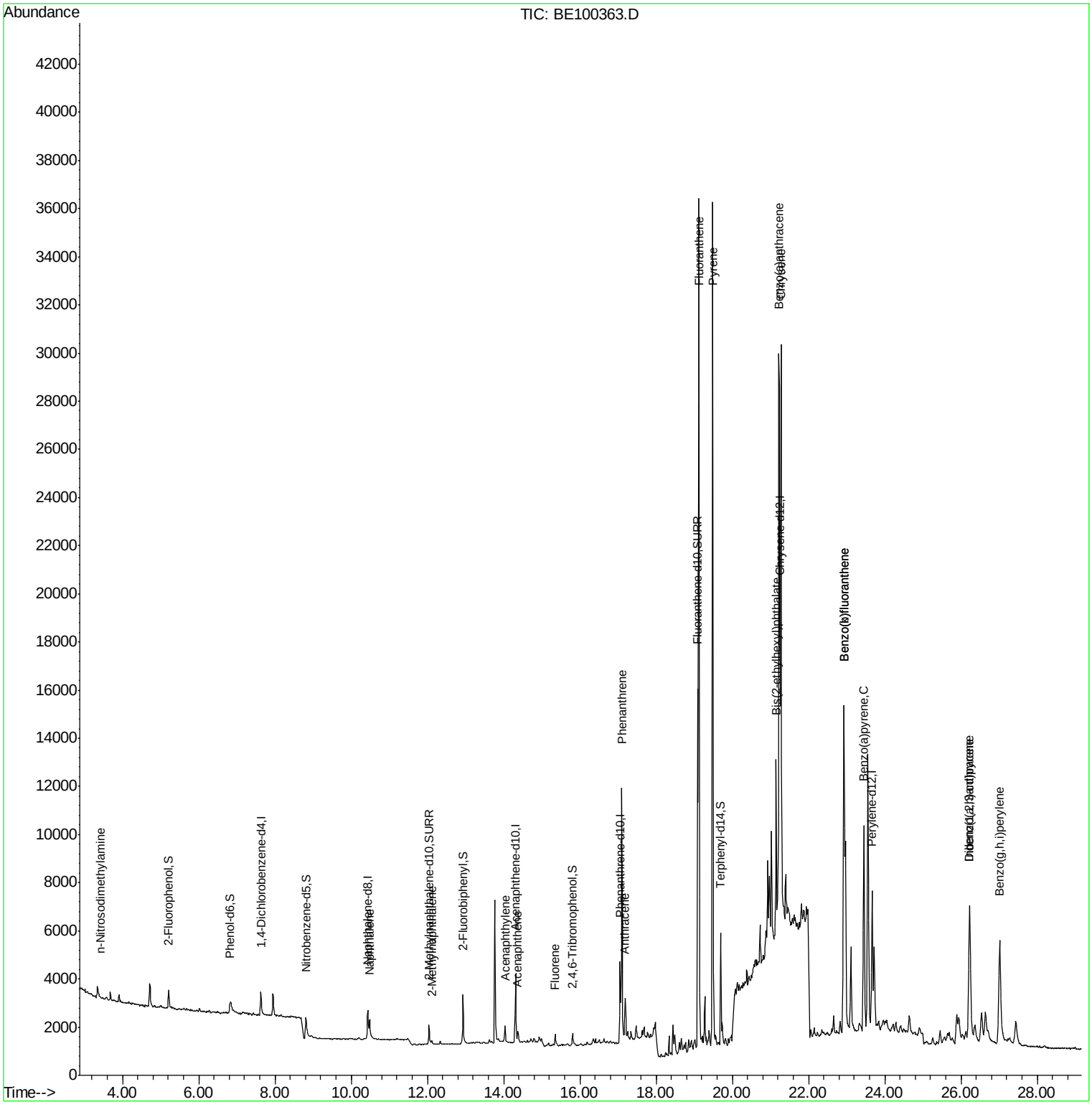
(#) = qualifier out of range (m) = manual integration (+) = signals summed

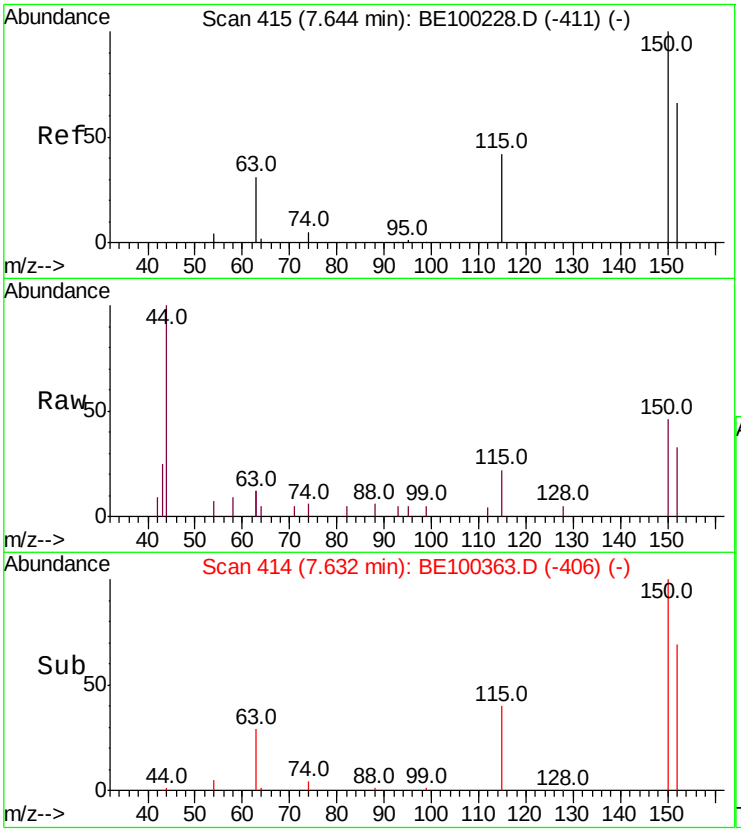
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100363.D
Acq On : 4 Jul 2019 12:50
Operator : JU/SJ
Sample : K3561-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 05 01:14:50 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



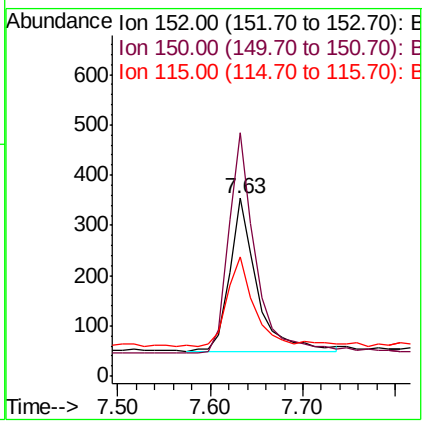


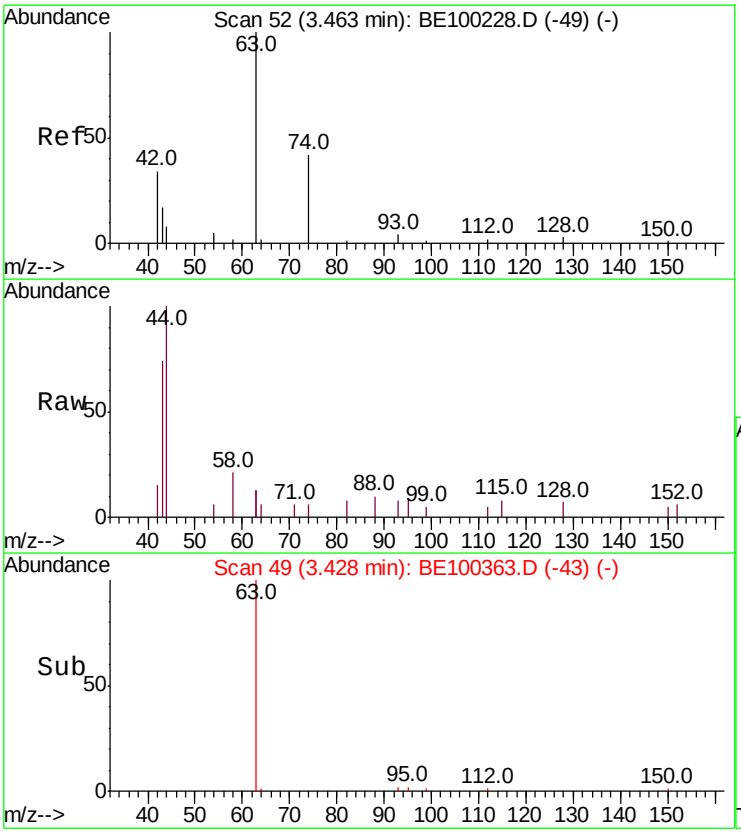
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 621

Ion	Ratio	Lower	Upper
152	100		
150	136.7	114.5	171.7
115	67.2	57.1	85.7

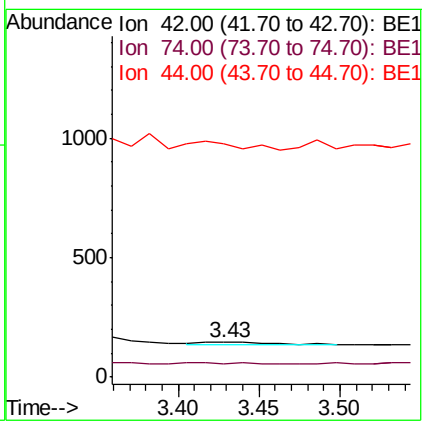


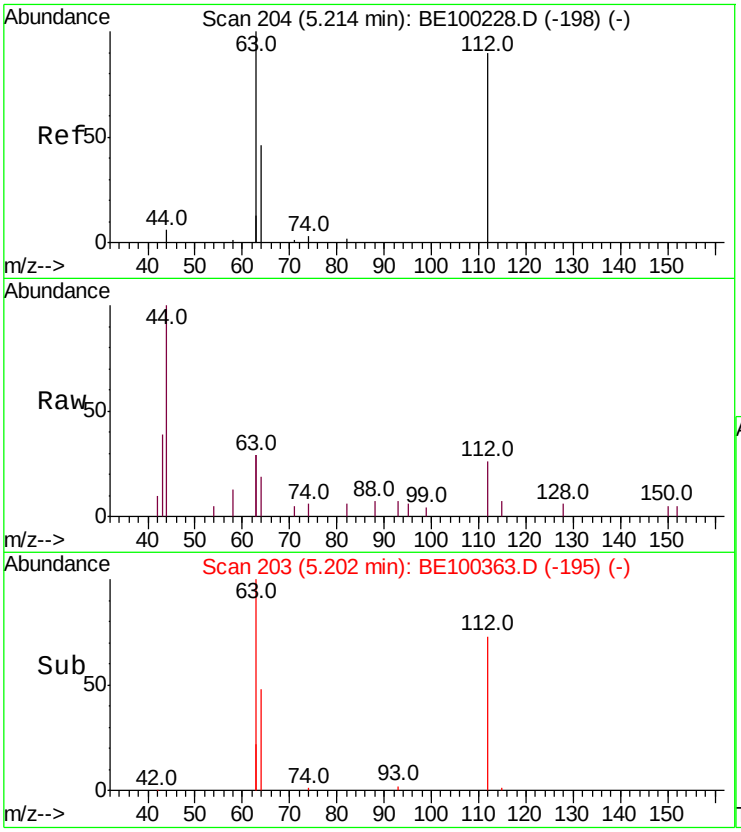


#3
n-Nitrosodimethylamine
Concen: 0.073 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.03 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion: 42 Resp: 33

Ion	Ratio	Lower	Upper
42	100		
74	33.3	130.6	196.0#
44	184.8	38.0	57.0#



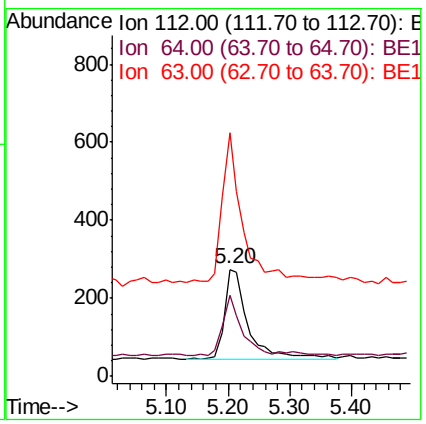


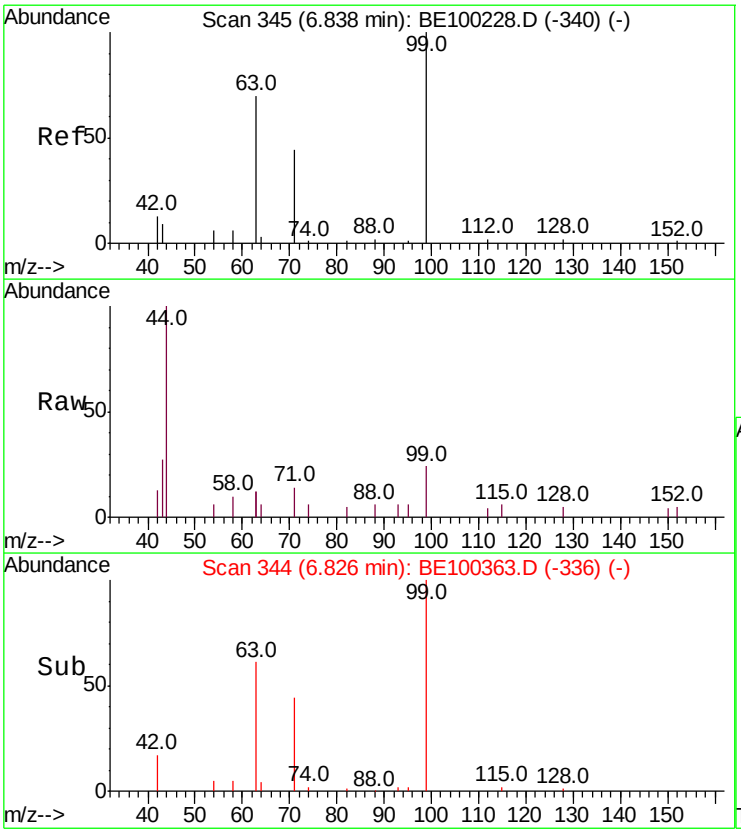
#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 595

Ion	Ratio	Lower	Upper
112	100		
64	53.1	39.4	59.0
63	146.4	104.5	156.7

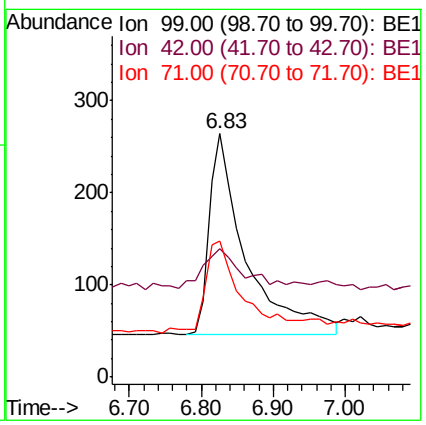


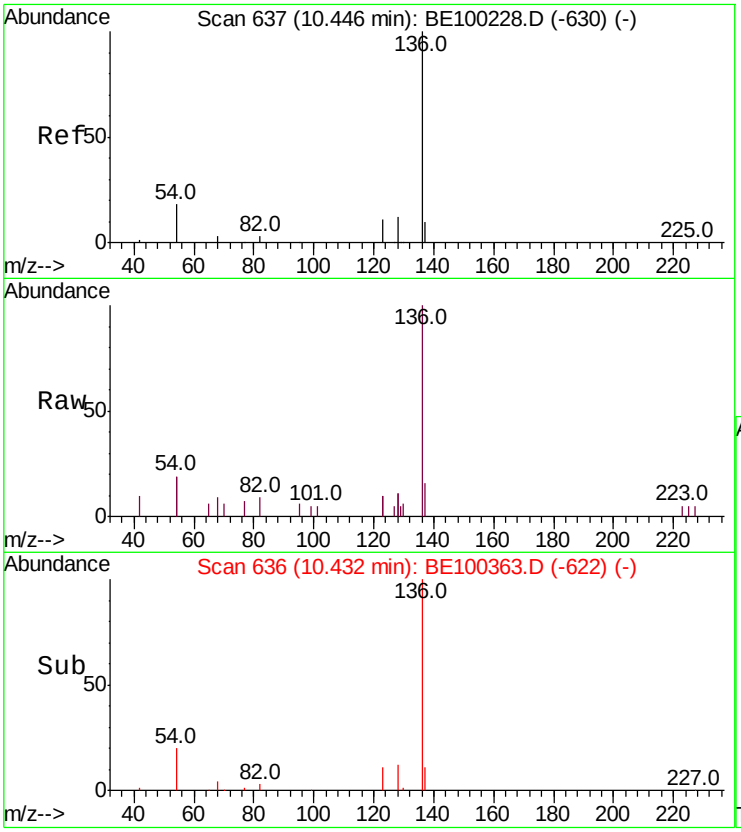


#5
Phenol-d6
Concen: 0.371 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion: 99 Resp: 773

Ion	Ratio	Lower	Upper
99	100		
42	21.1	11.2	16.8#
71	46.2	37.2	55.8



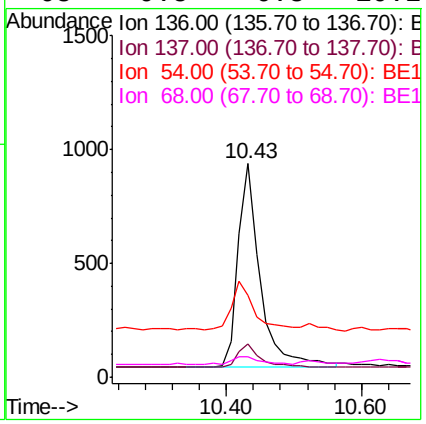


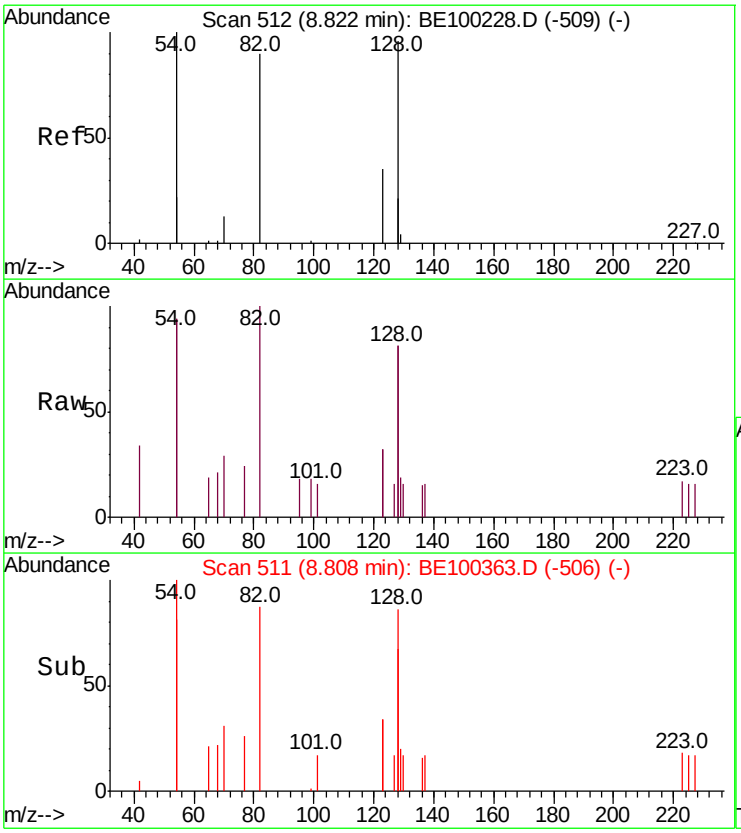
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2042

Ion	Ratio	Lower	Upper
136	100		
137	15.9	11.8	17.8
54	38.4	27.7	41.5
68	9.5	6.8	10.2

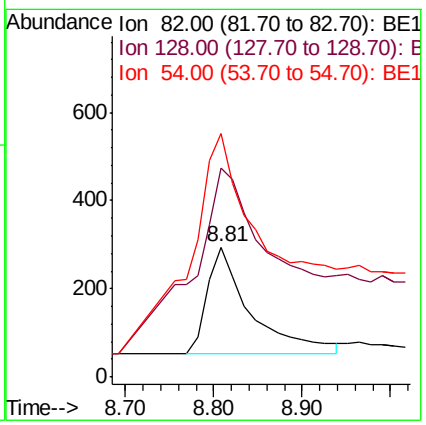


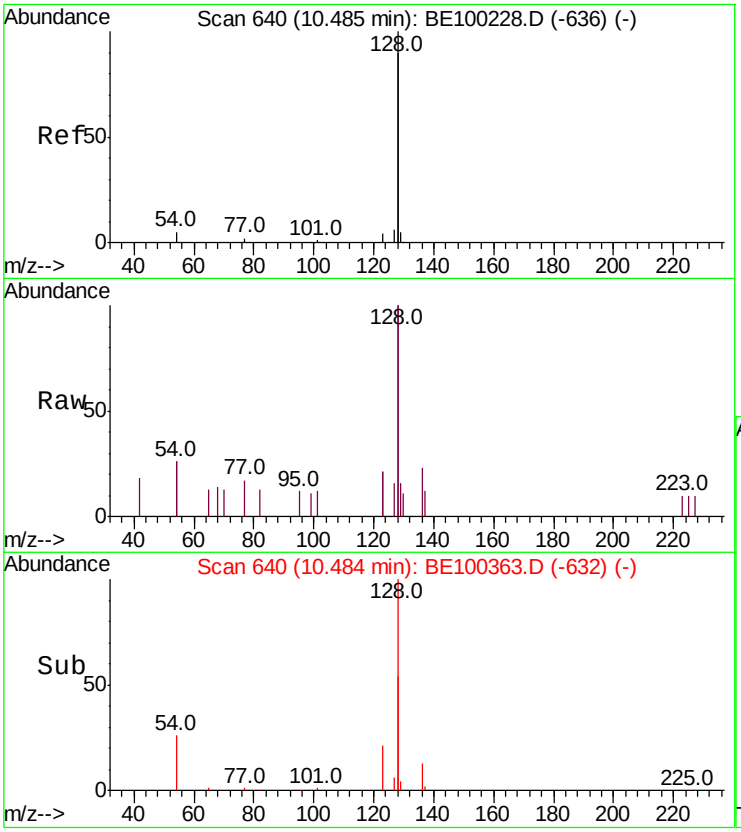


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion: 82 Resp: 810

Ion	Ratio	Lower	Upper
82	100		
128	161.2	140.9	211.3
54	187.8	146.2	219.2



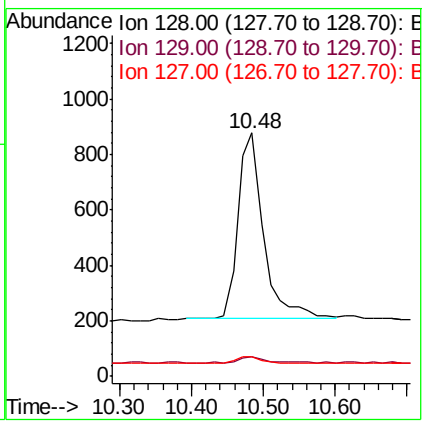


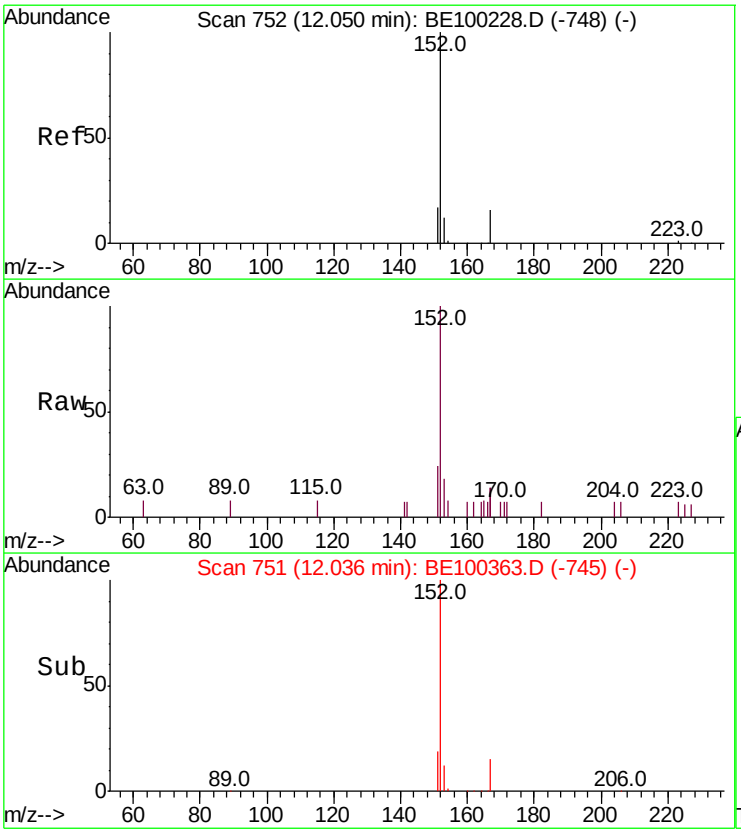
#9
Naphthalene
Concen: 0.073 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1648

Ion	Ratio	Lower	Upper
128	100		
129	8.0	3.0	4.6#
127	8.1	3.5	5.3#

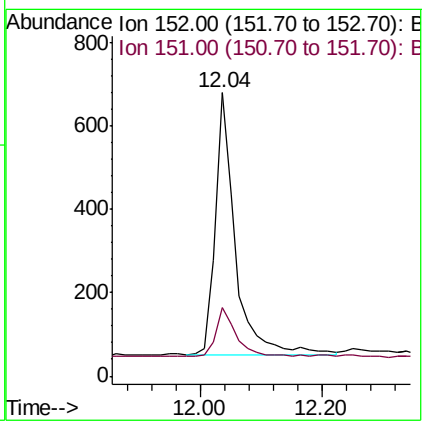


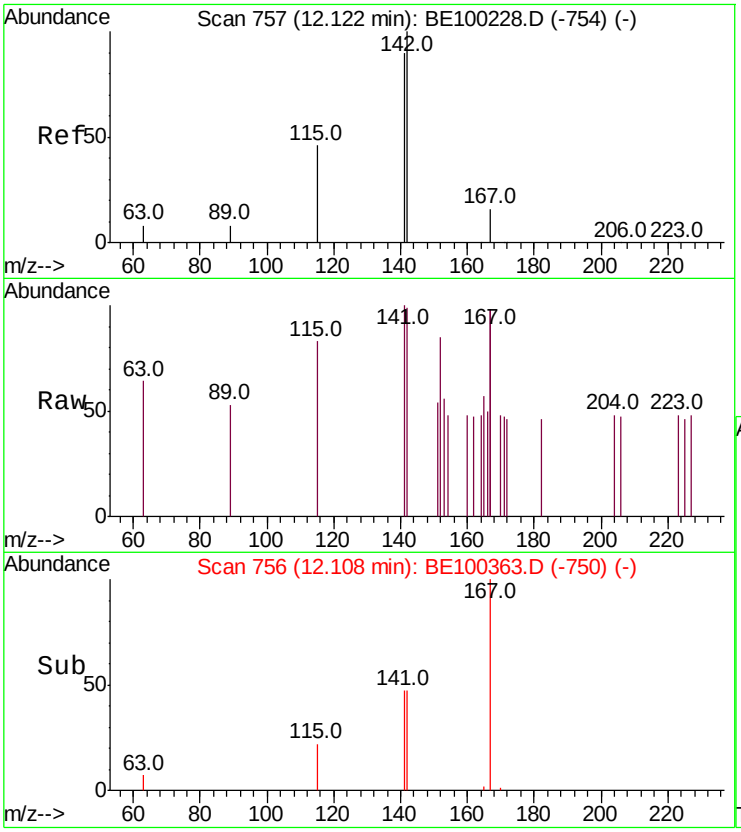


#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:152 Resp: 1416

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7



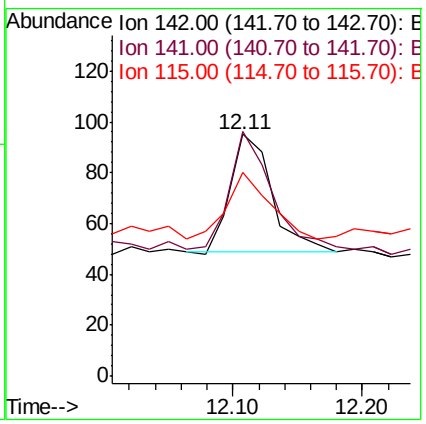


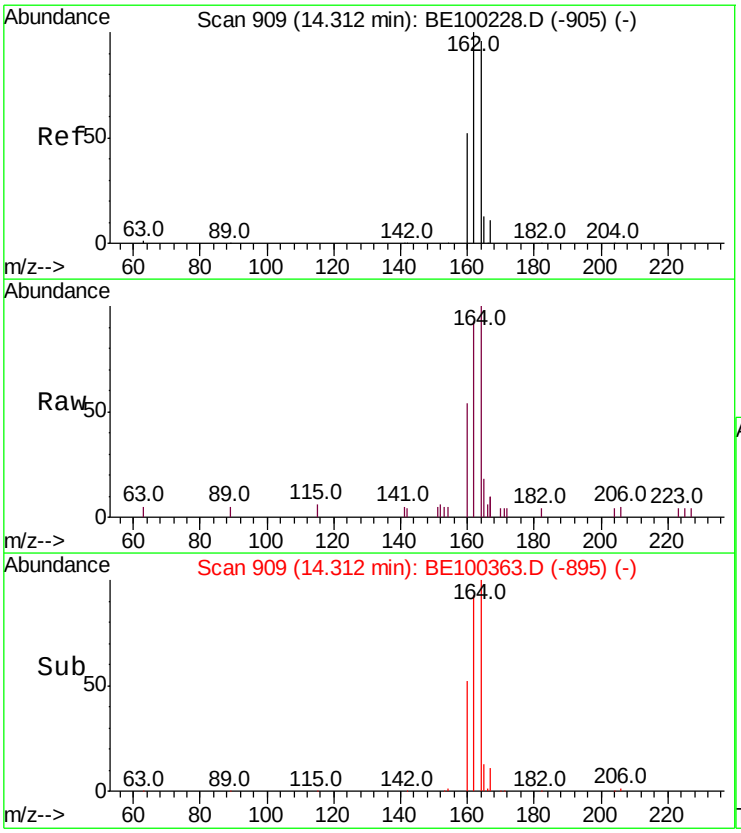
#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 101

Ion	Ratio	Lower	Upper
142	100		
141	101.1	72.4	108.6
115	84.2	40.4	60.6#

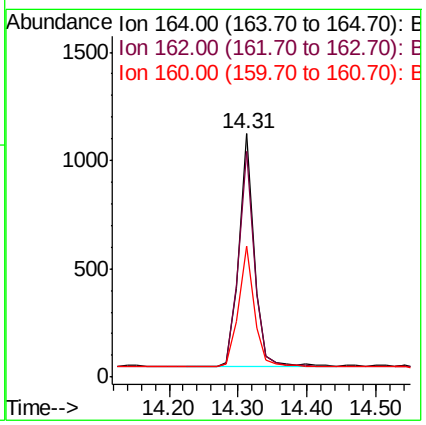


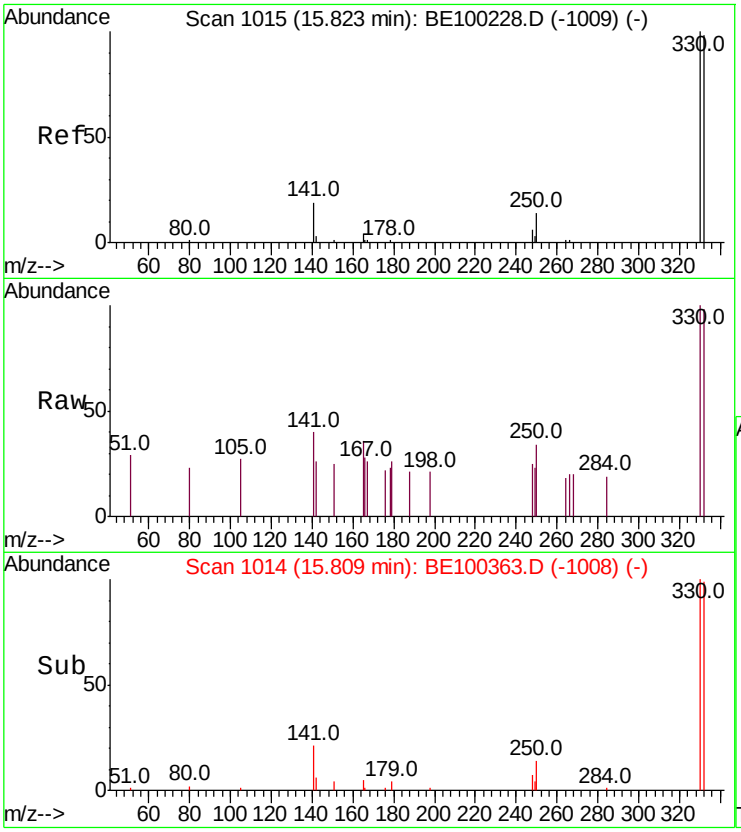


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:164 Resp: 1641

Ion	Ratio	Lower	Upper
164	100		
162	92.7	83.4	125.0
160	53.6	45.0	67.6



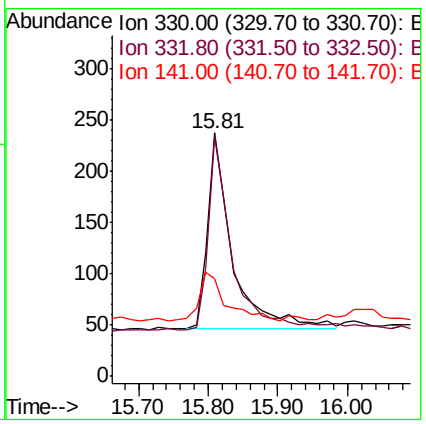


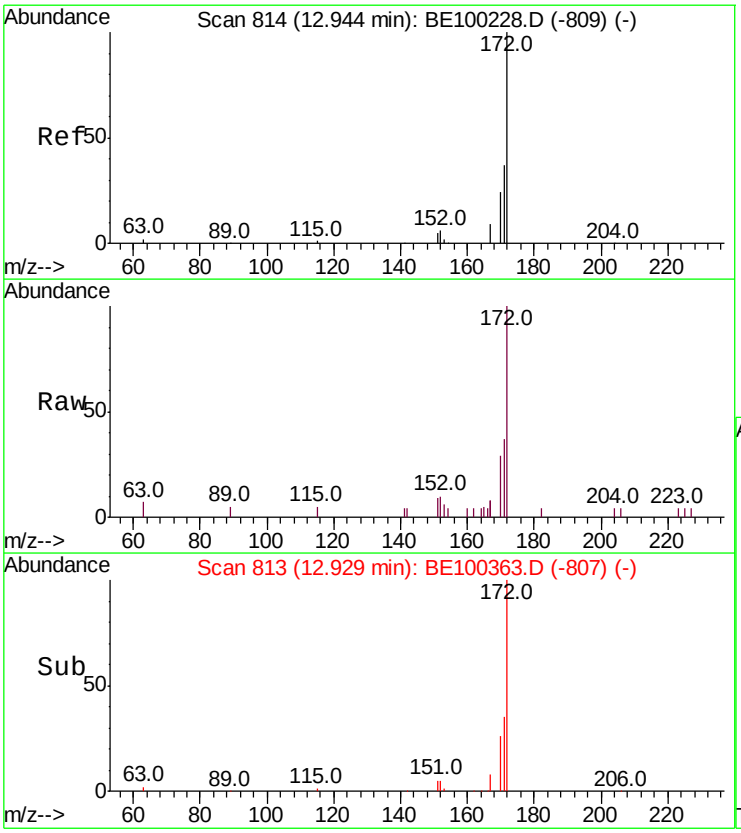
#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 473

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.4
141	27.7	22.0	33.0

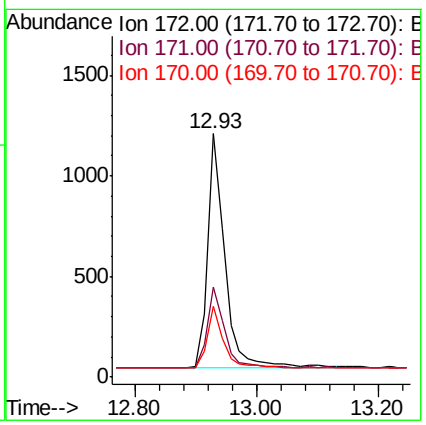


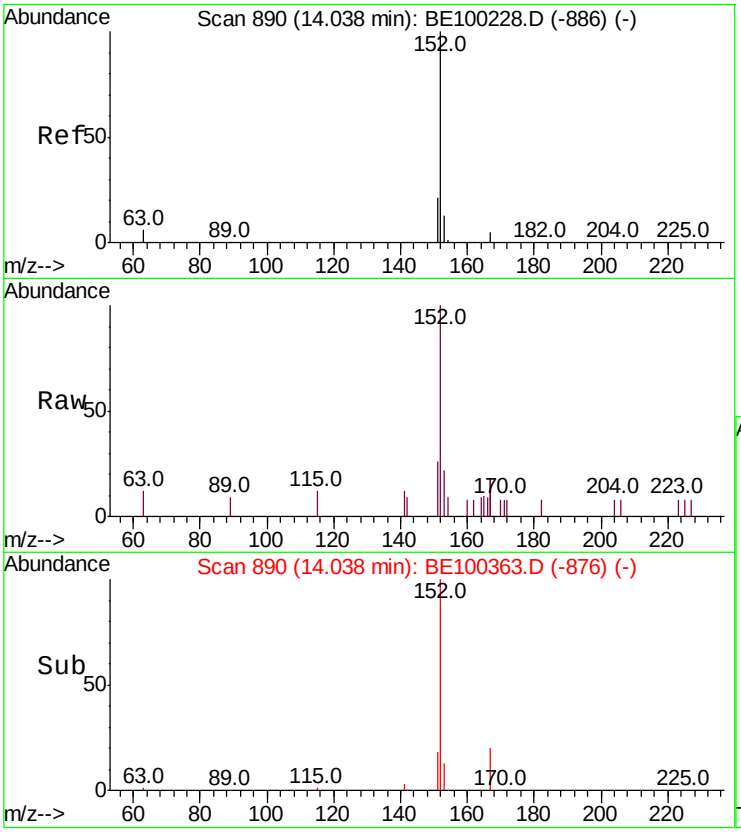


#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:172 Resp: 2285

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.9	47.9
170	28.8	22.2	33.2



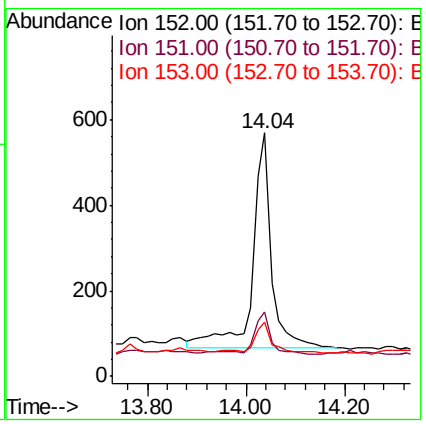


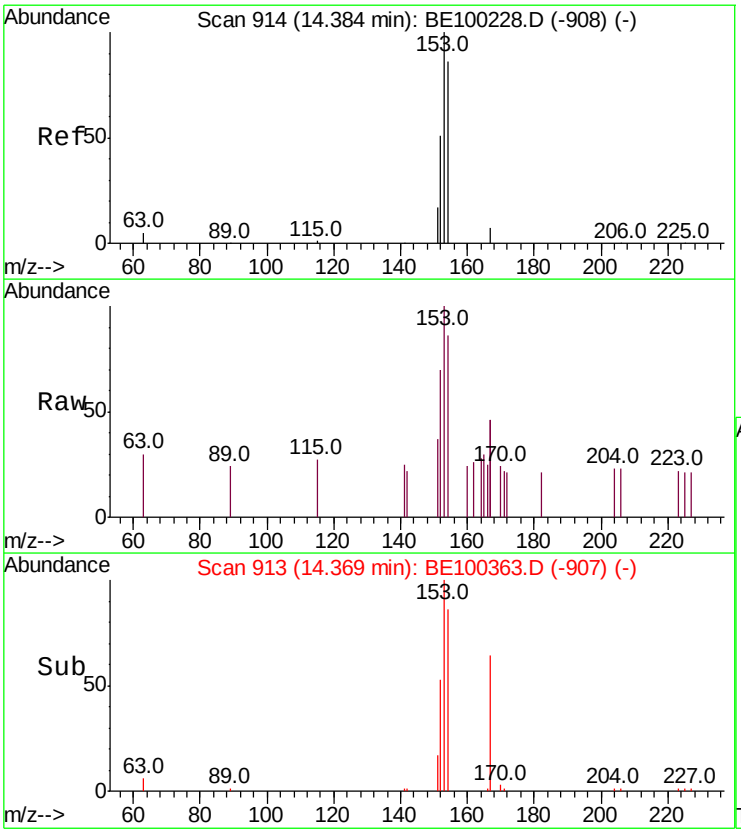
#16
Acenaphthylene
Concen: 0.169 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1334

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.6	25.0
153	10.8	10.5	15.7

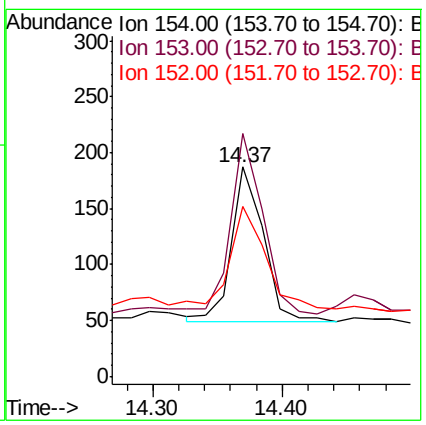


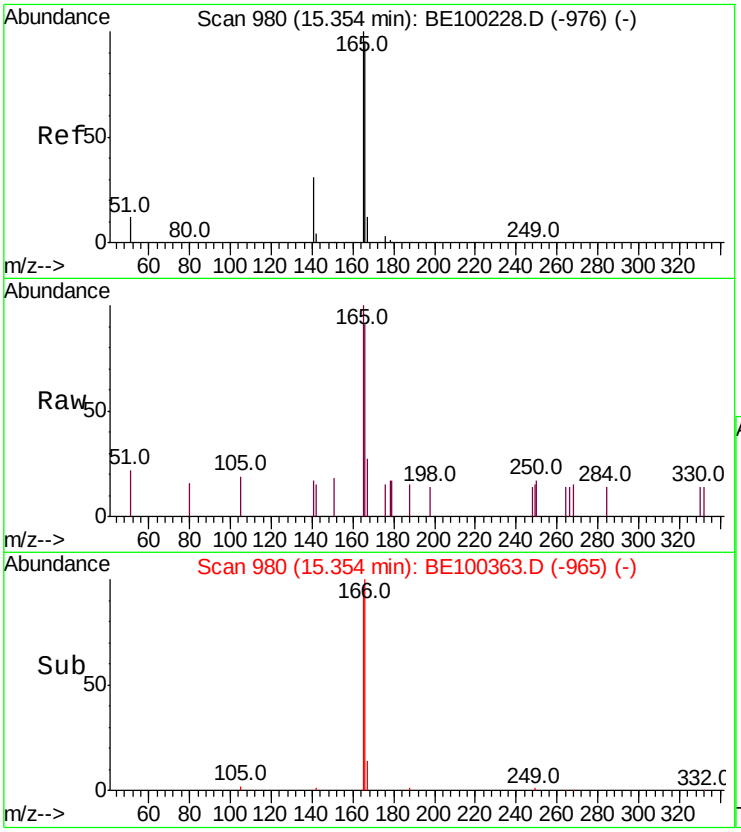


#17
Acenaphthene
Concen: 0.053 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:154 Resp: 235

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.4	140.2
152	74.0	49.4	74.2



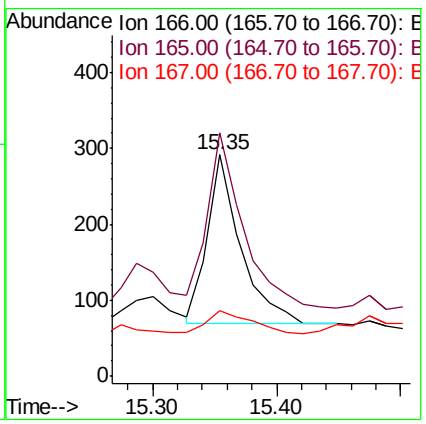


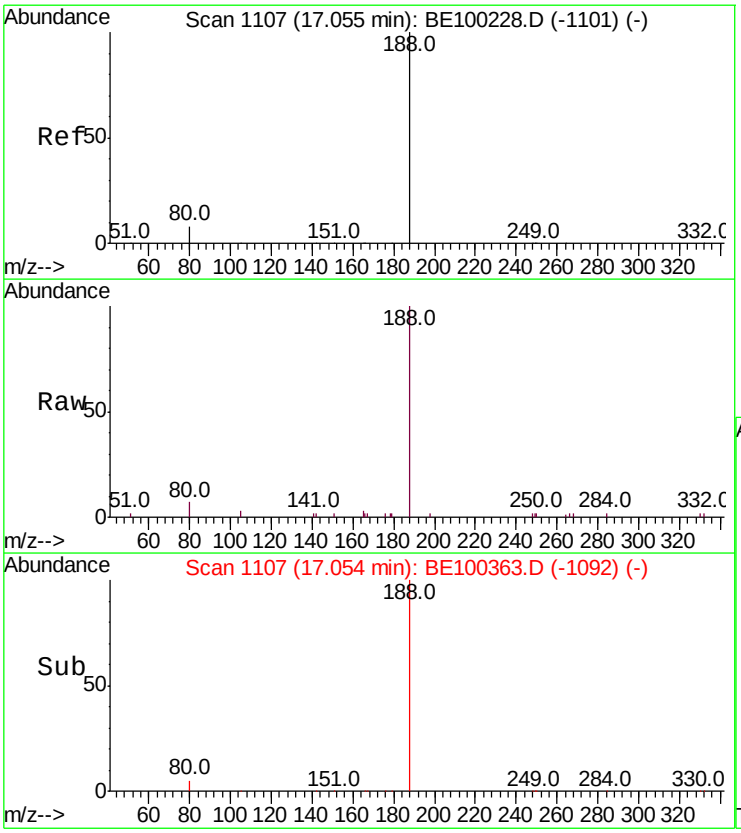
#18
Fluorene
Concen: 0.063 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 415

Ion	Ratio	Lower	Upper
166	100		
165	111.6	81.1	121.7
167	17.8	10.7	16.1#

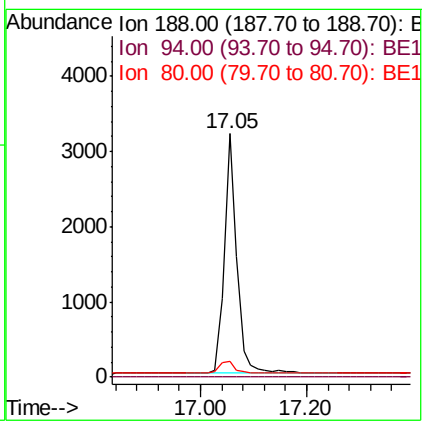


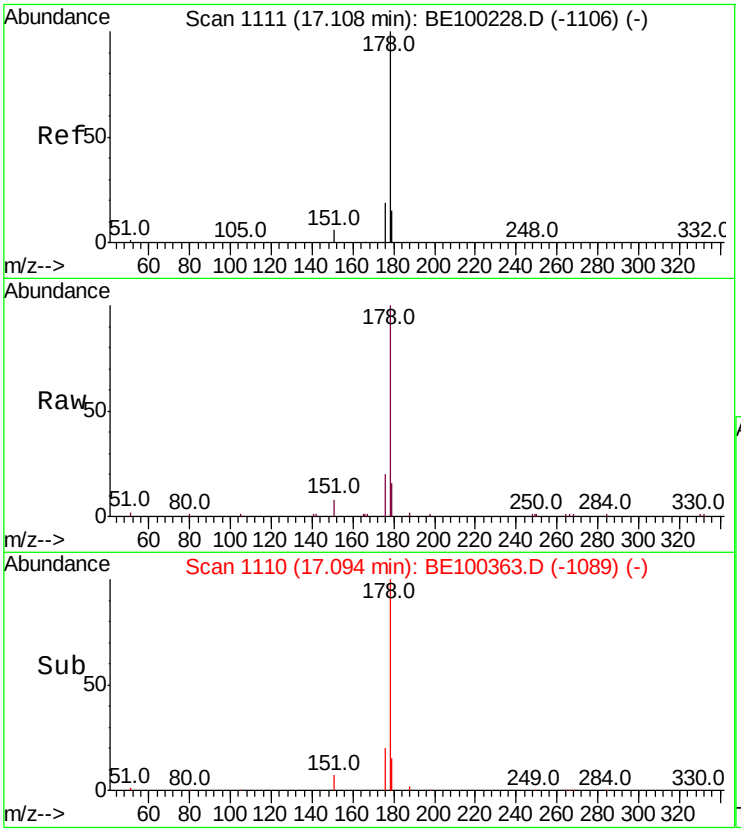


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:188 Resp: 5209

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	7.6	11.4#



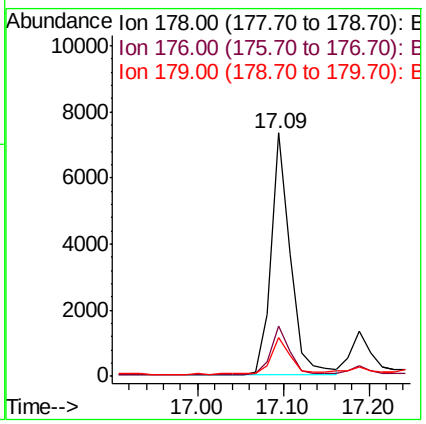


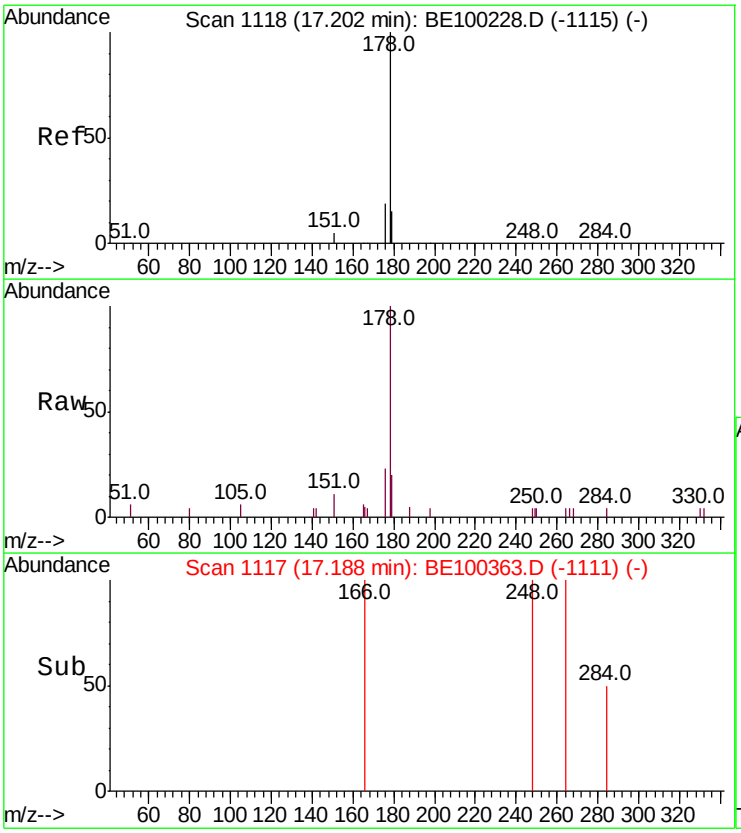
#23
Phenanthrene
Concen: 0.891 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11254

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.4	12.2	18.2

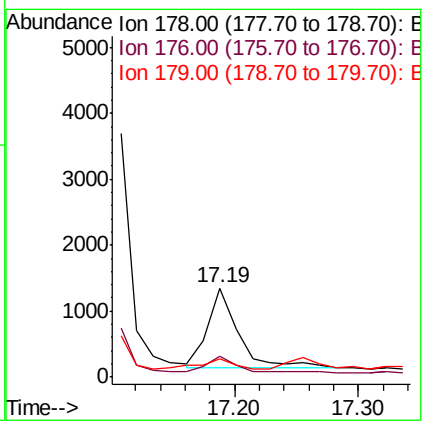


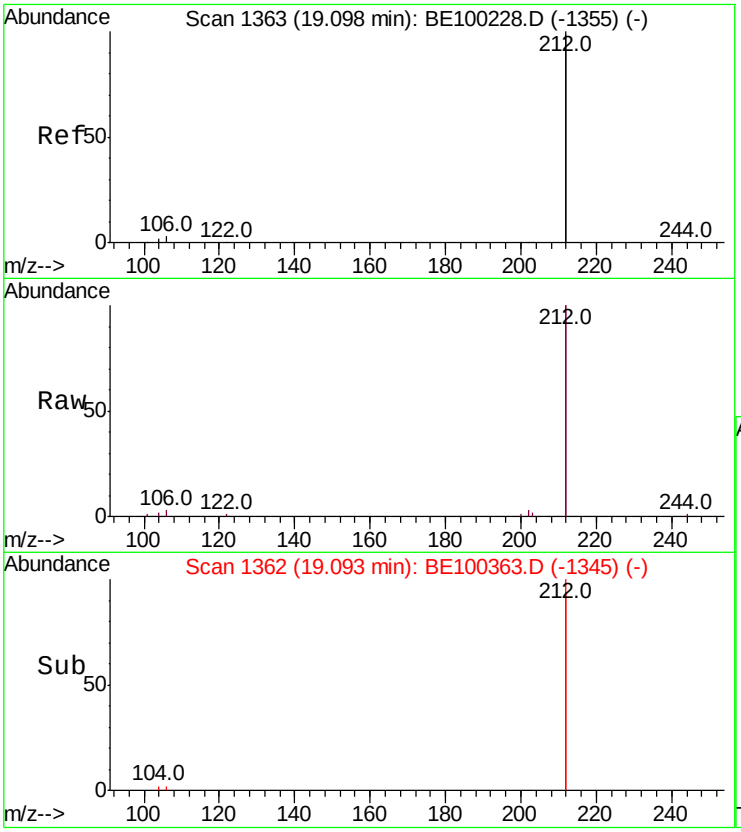


#24
Anthracene
Concen: 0.184 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:178 Resp: 2096

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	13.8	12.2	18.2



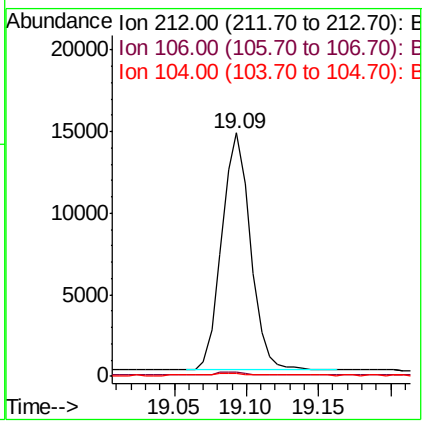


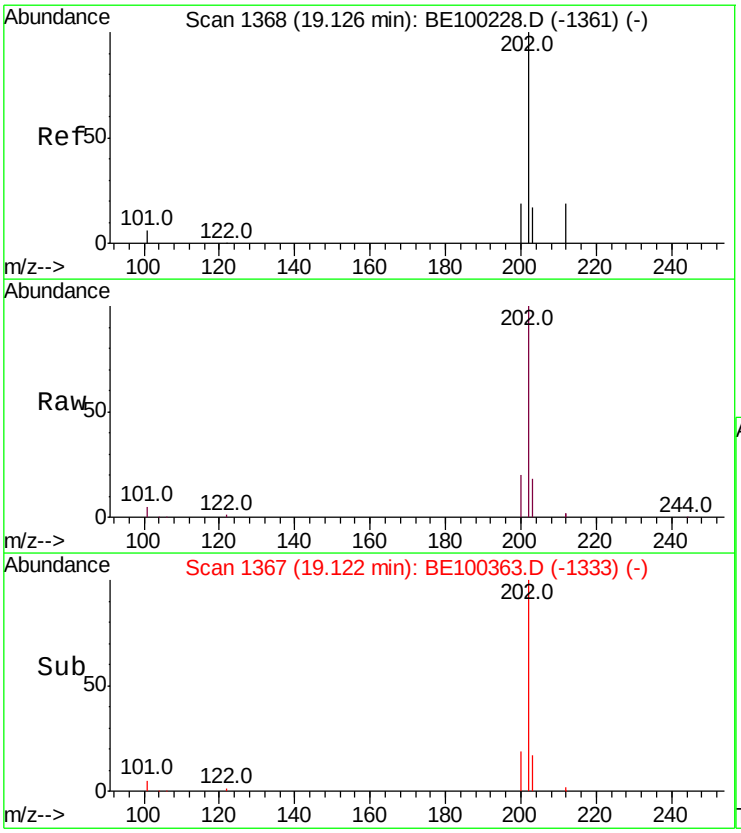
#25
Fluoranthene-d10
Concen: 0.267 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 20190

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2

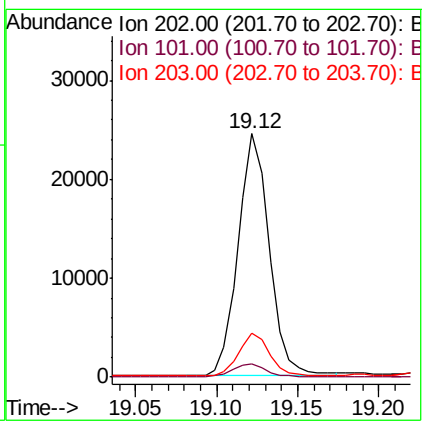


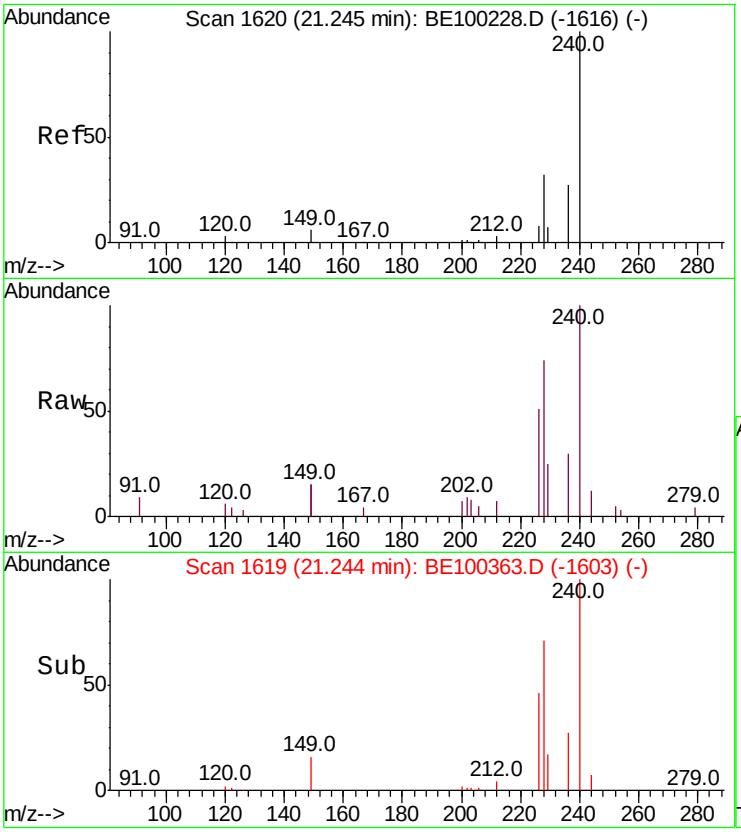


#26
Fluoranthene
Concen: 1.624 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:202 Resp: 32666

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	7.0
203	17.6	13.7	20.5



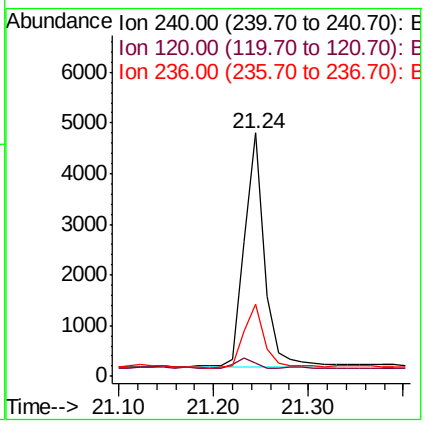


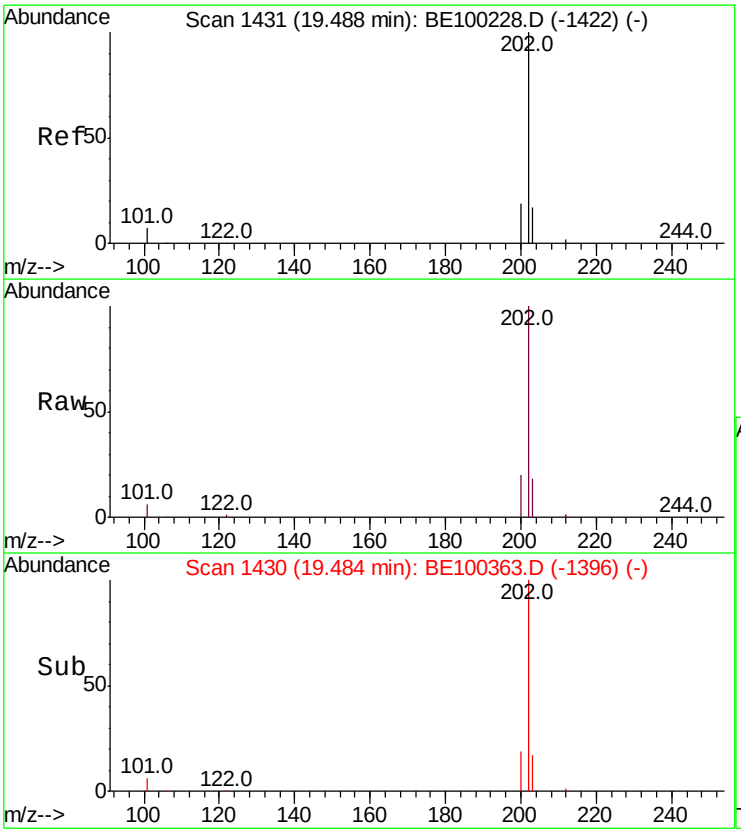
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6773

Ion	Ratio	Lower	Upper
240	100		
120	5.6	3.3	4.9#
236	29.6	22.6	34.0

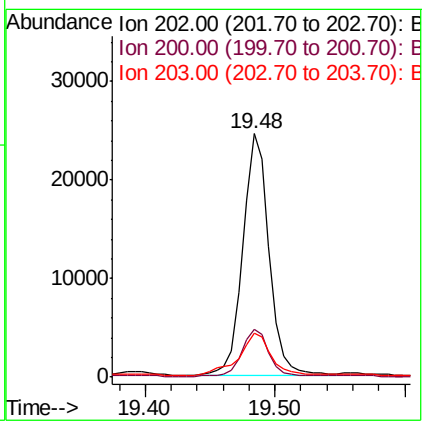


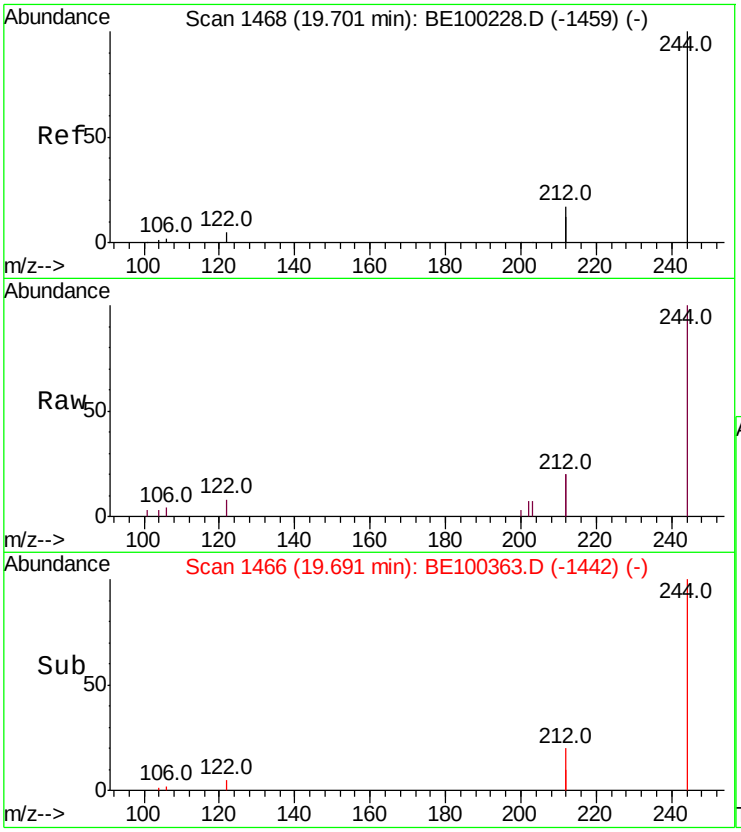


#28
Pyrene
Concen: 1.918 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:202 Resp: 34397

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	21.0	14.0	21.0#



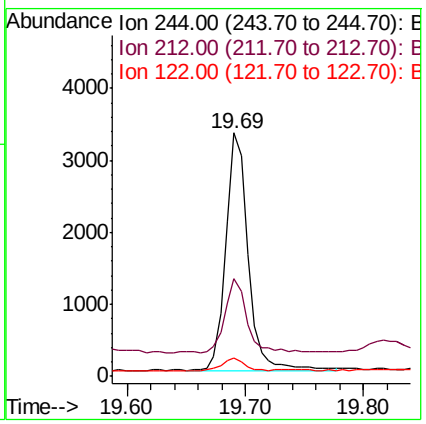


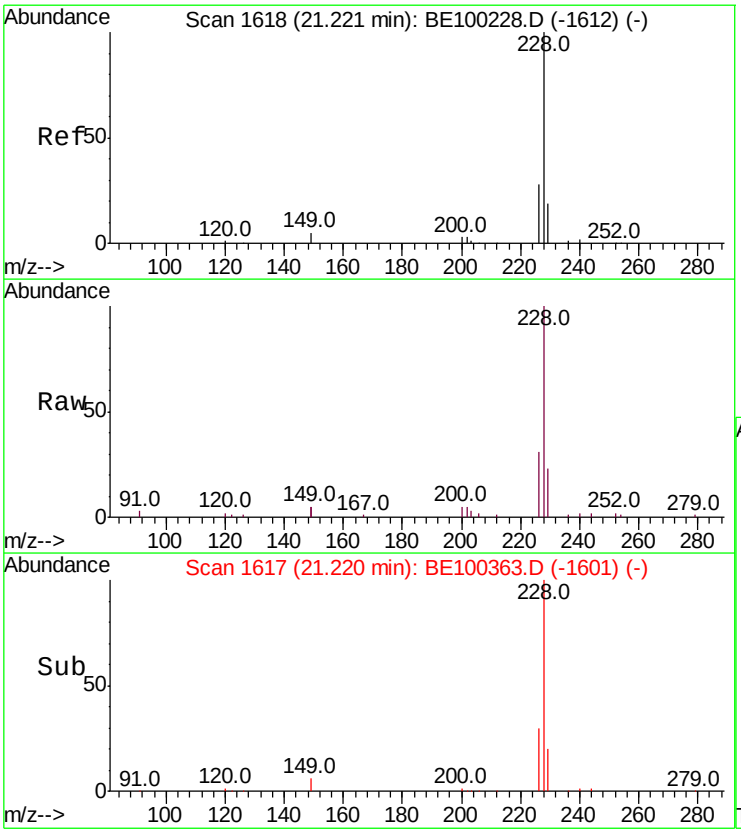
#29
Terphenyl-d14
Concen: 0.307 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4304

Ion	Ratio	Lower	Upper
244	100		
212	40.0	27.3	40.9
122	7.6	4.7	7.1#

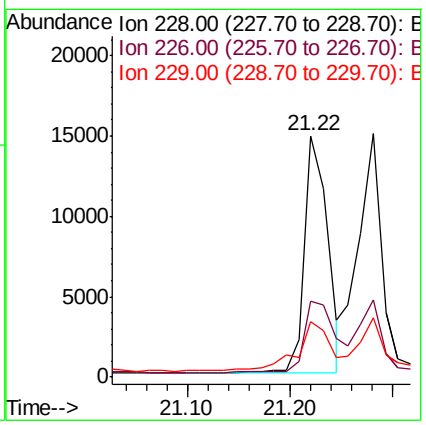


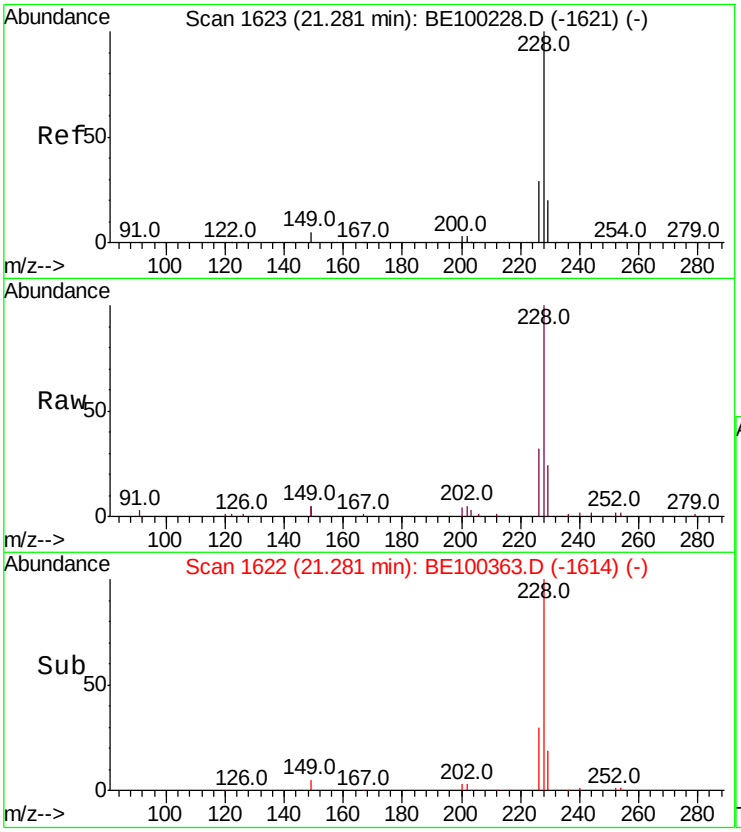


#30
Benzo(a)anthracene
Concen: 1.053 ng
RT: 21.22 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:228 Resp: 23443

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.2	34.8
229	22.8	15.7	23.5



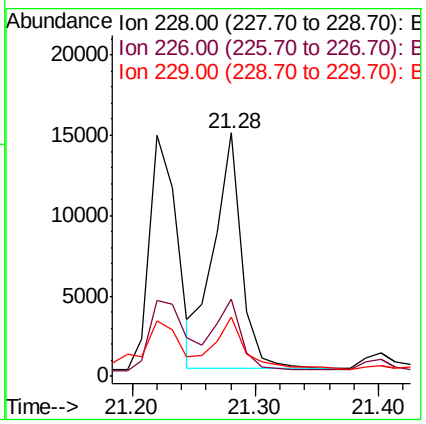


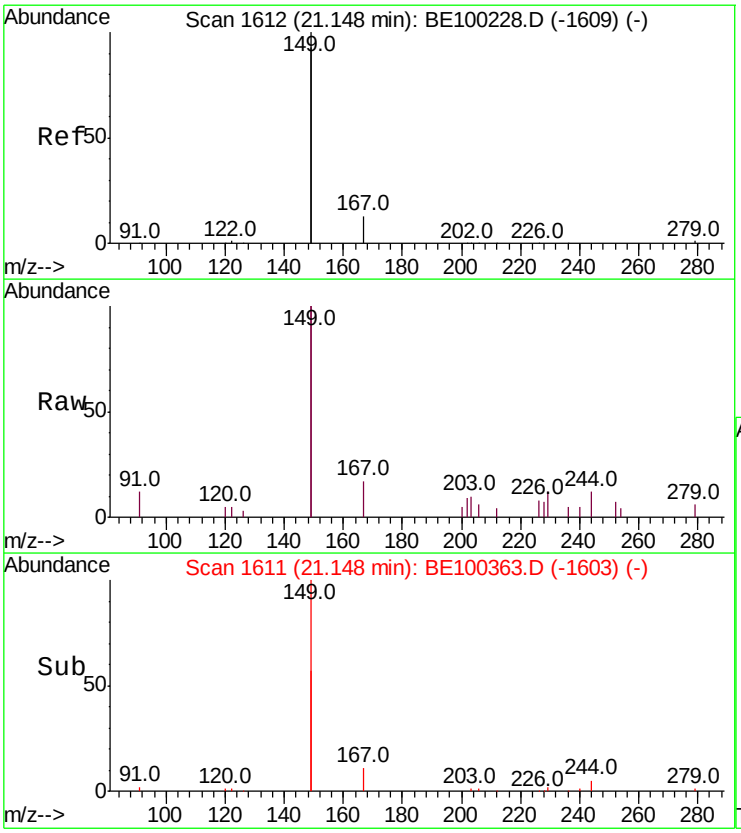
#31
Chrysene
Concen: 1.034 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 23117

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.9	35.9
229	24.3	16.5	24.7

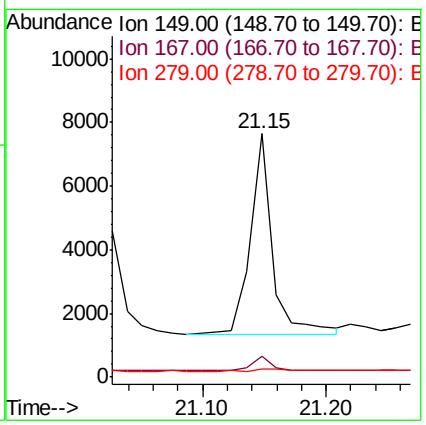


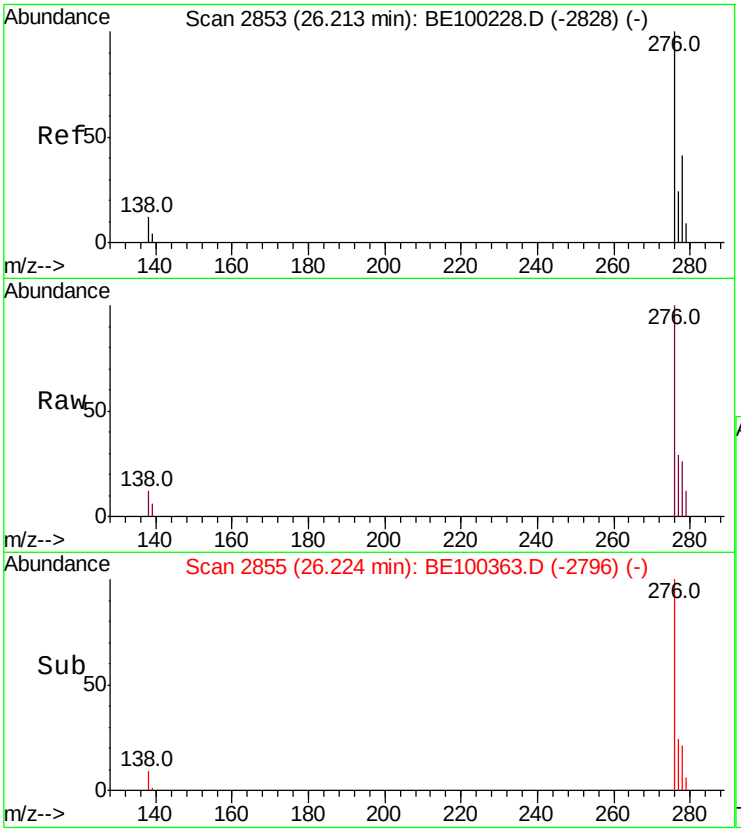


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.194 ng
RT: 21.15 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:149 Resp: 7907

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.8	8.8
279	3.1	1.1	1.7#



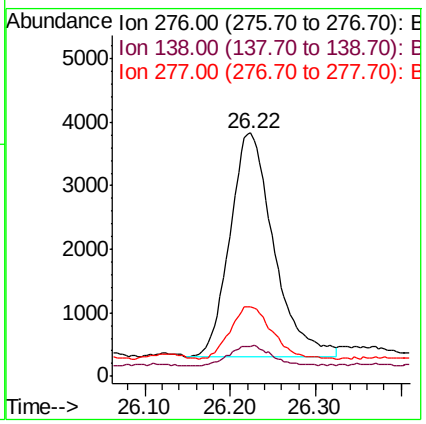


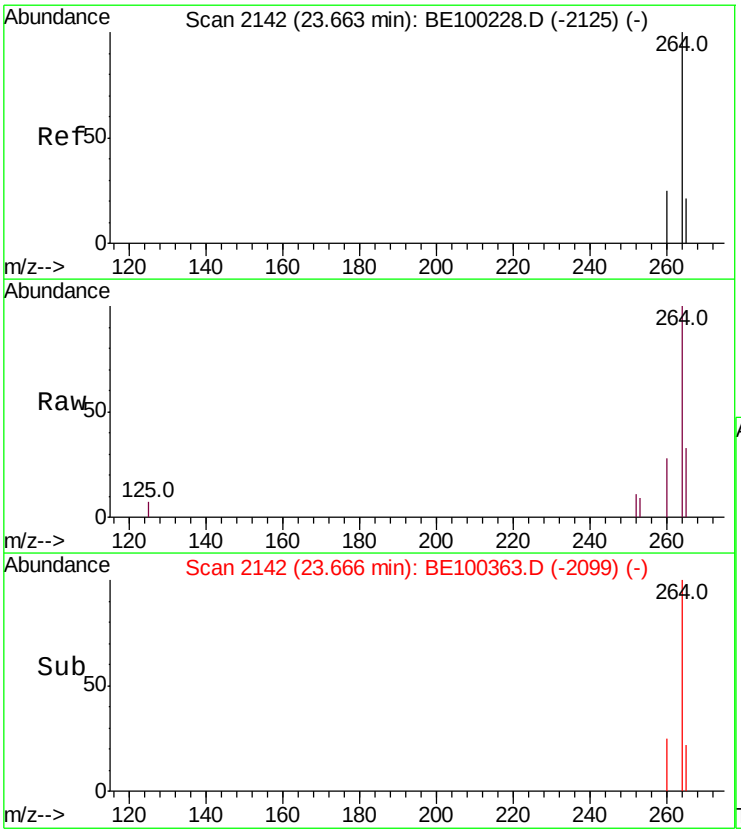
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 26.22 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12530

Ion	Ratio	Lower	Upper
276	100		
138	8.4	9.4	14.0#
277	22.3	19.2	28.8

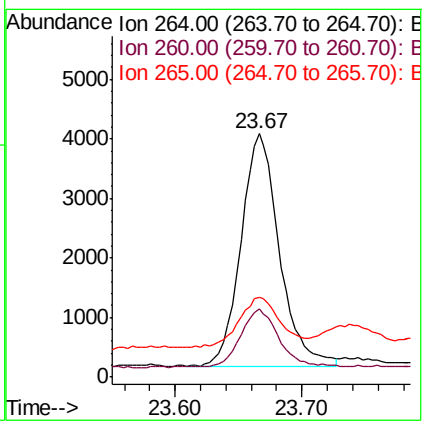


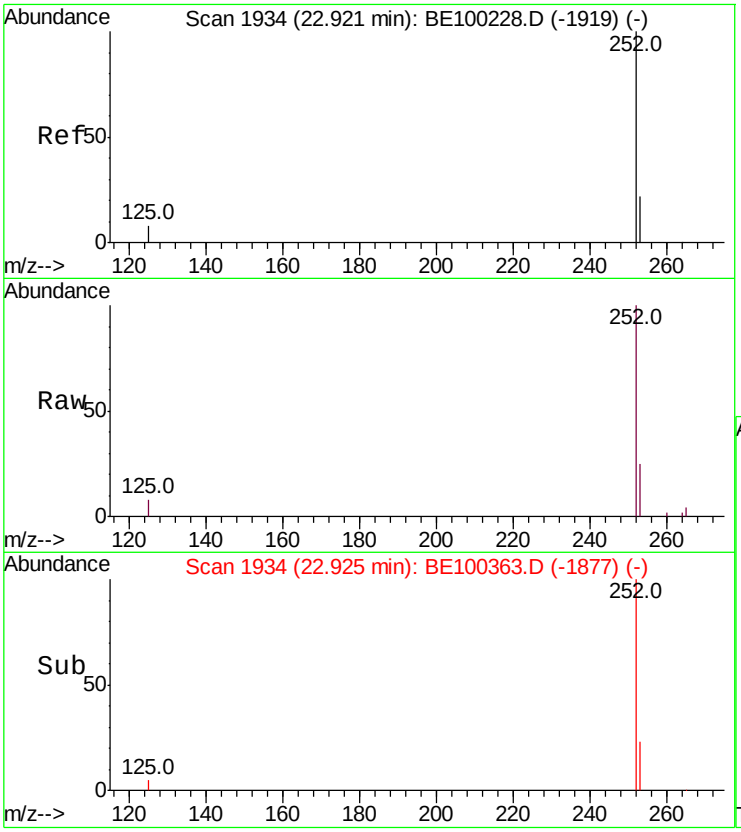


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:264 Resp: 8233

Ion	Ratio	Lower	Upper
264	100		
260	28.0	20.8	31.2
265	32.8	21.8	32.6#



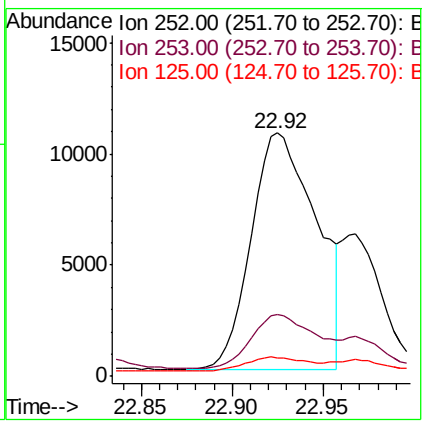


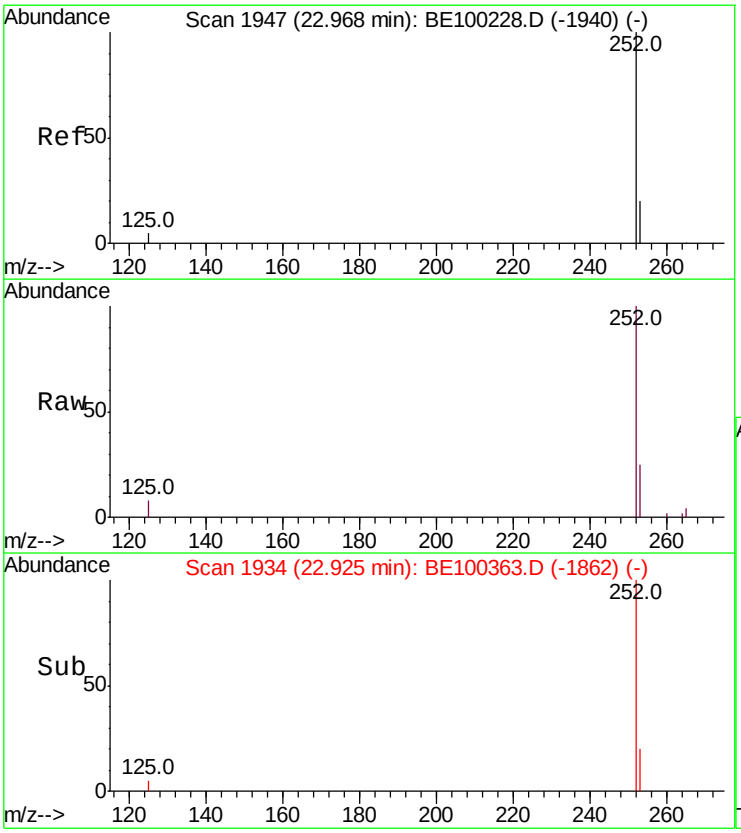
#35
Benzo(b)fluoranthene
Concen: 1.191 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 26585

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.2	28.8
125	7.6	7.4	11.0

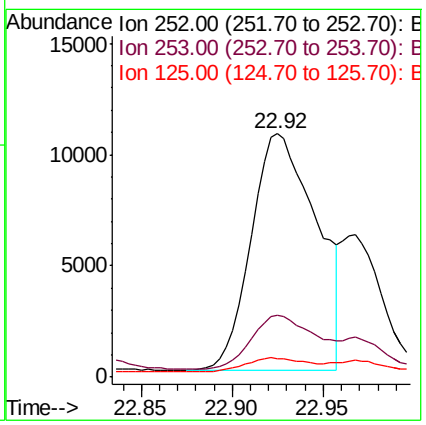


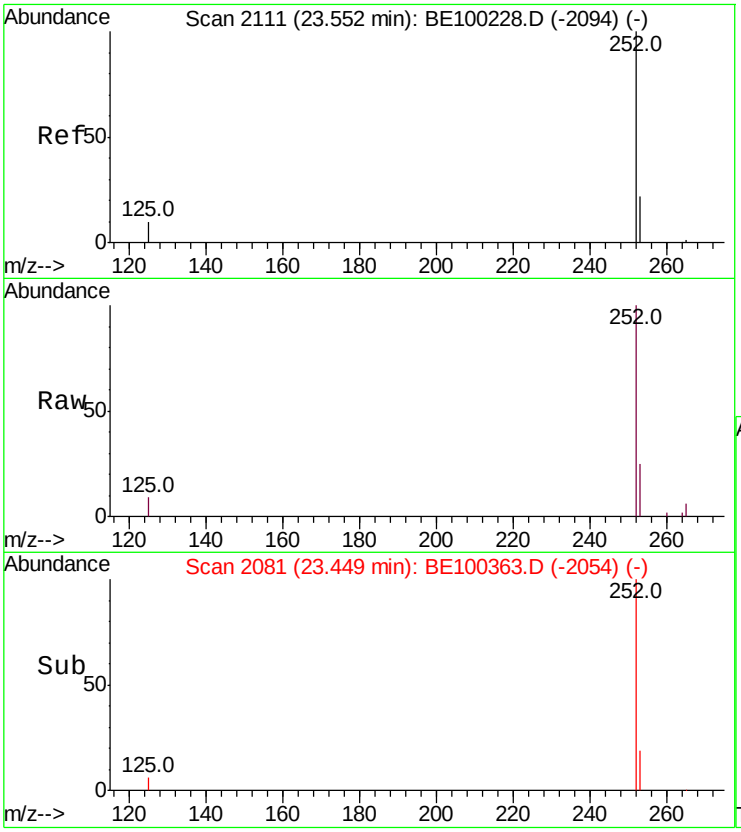


#36
Benzo(k)fluoranthene
Concen: 1.067 ng
RT: 22.92 min Scan# 1934
Delta R.T. -0.04 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:252 Resp: 26585

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	7.6	5.0	7.4#



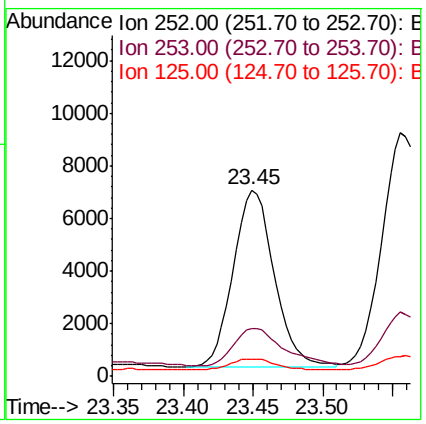


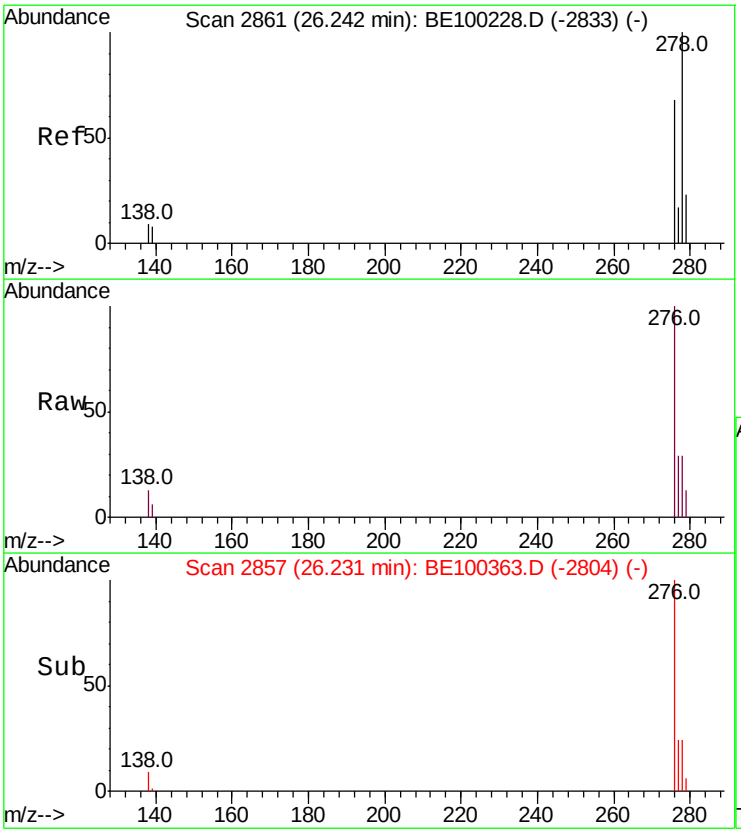
#37
Benzo(a)pyrene
Concen: 0.618 ng
RT: 23.45 min Scan# 2081
Delta R.T. -0.10 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13830

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.6	29.4
125	9.5	9.0	13.6

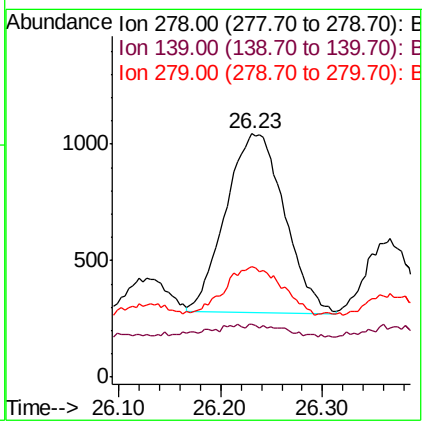


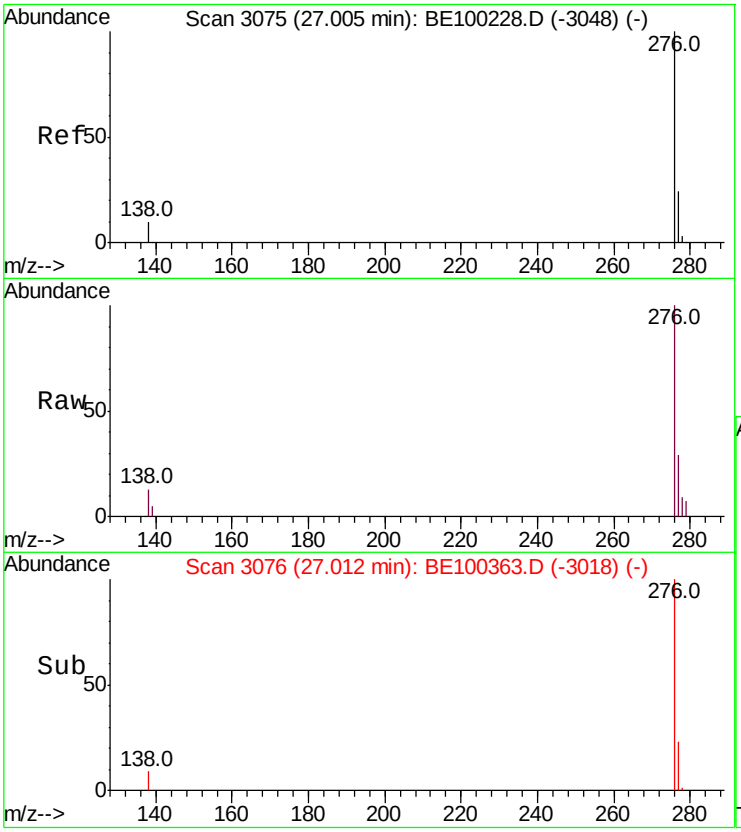


#38
Dibenzo(a,h)anthracene
Concen: 0.131 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Tgt Ion:278 Resp: 3066

Ion	Ratio	Lower	Upper
278	100		
139	21.6	8.2	12.2#
279	45.2	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.501 ng
RT: 27.01 min Scan# 3076
Delta R.T. 0.01 min
Lab File: BE100363.D
Acq: 4 Jul 2019 12:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12021

Ion	Ratio	Lower	Upper
276	100		
277	28.6	20.2	30.2
138	12.8	9.0	13.6