Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100354.D
Acq On : 4 Jul 2019 7:22
Operator : JU/SJ
Sample : K3561-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 05 01:13:35 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	668	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	2179	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1814	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5671	0.40	ng		0.00
27) Chrysene-d12	21.24	240	7719	0.40	ng		0.00
34) Perylene-d12	23.66	264	9071	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	656	0.39	ng		0.00
5) Phenol-d6	6.83	99	894	0.40	ng		0.00
8) Nitrobenzene-d5	8.81	82	815	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1614	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	496	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	2566	0.36	ng		-0.01
25) Fluoranthene-d10	19.09	212	26692	0.32	ng		0.00
29) Terphenyl-d14	19.69	244	5750	0.36	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.47	42	13	0.027	ng	#	1
9) Naphthalene	10.48	128	2499	0.104	ng	#	93
12) 2-Methylnaphthalene	12.11	142	727	0.172	ng	#	91
16) Acenaphthylene	14.04	152	1824	0.210	ng	#	94
17) Acenaphthene	14.37	154	820	0.166	ng	#	89
18) Fluorene	15.35	166	1640	0.225	ng	#	92
23) Phenanthrene	17.09	178	57621	4.192	ng		99
24) Anthracene	17.19	178	4473	0.361	ng	#	94
26) Fluoranthene	19.12	202	58799	2.686	ng		98
28) Pyrene	19.48	202	97542	4.773	ng	#	96
30) Benzo(a)anthracene	21.22	228	42174	1.662	ng		97
31) Chrysene	21.28	228	50572	1.984	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	5070	0.084	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.21	276	18924	0.561	ng	#	96
35) Benzo(b)fluoranthene	22.92	252	37171	1.511	ng	#	98
36) Benzo(k)fluoranthene	22.92	252	37171	1.354	ng		98
37) Benzo(a)pyrene	23.72	252	5090	0.207	ng		93
38) Dibenzo(a,h)anthracene	26.23	278	5433	0.211	ng	#	83
39) Benzo(g,h,i)perylene	27.01	276	24112	0.912	ng		99

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

Quantitation Report (Not Reviewed)

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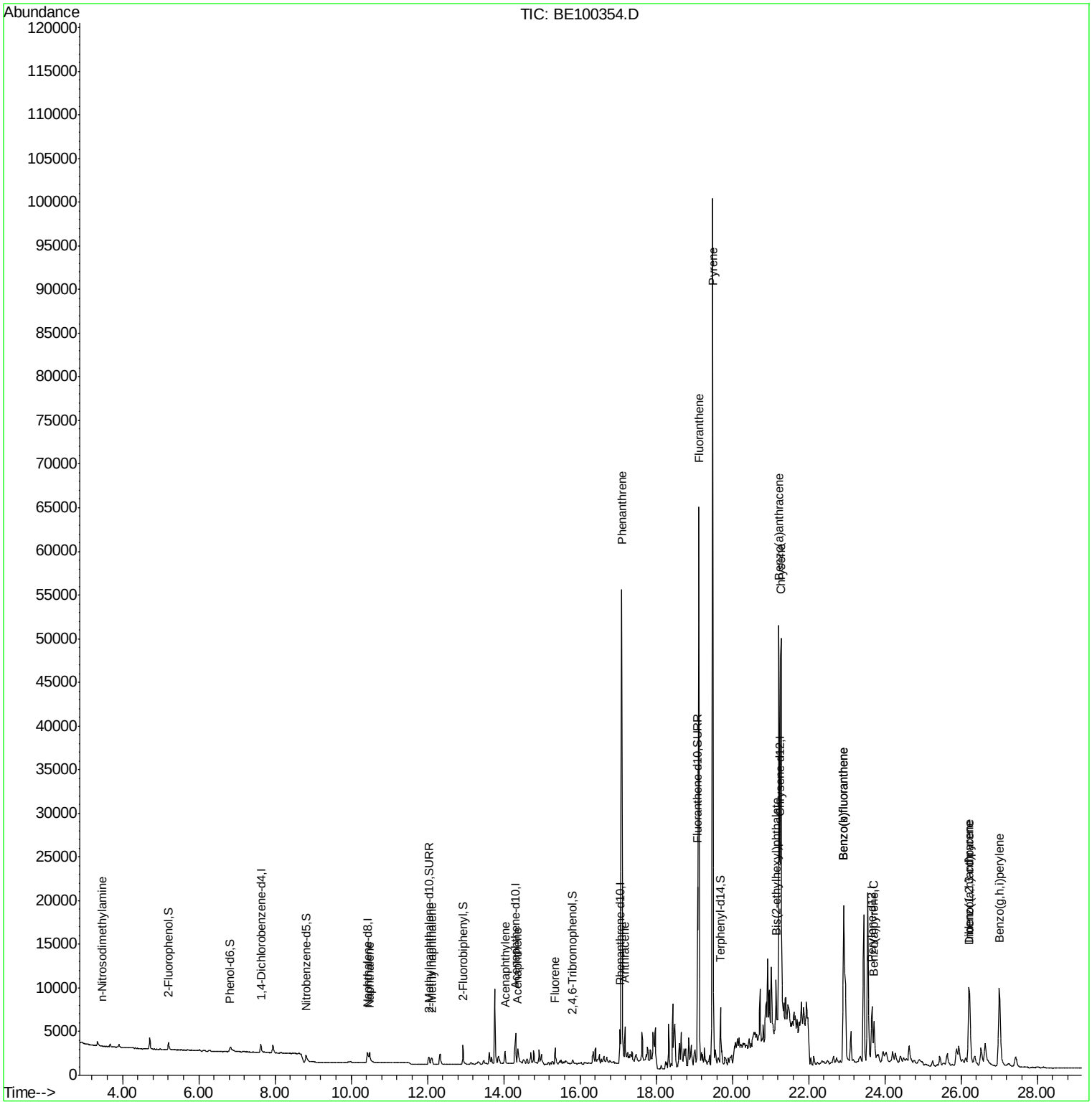
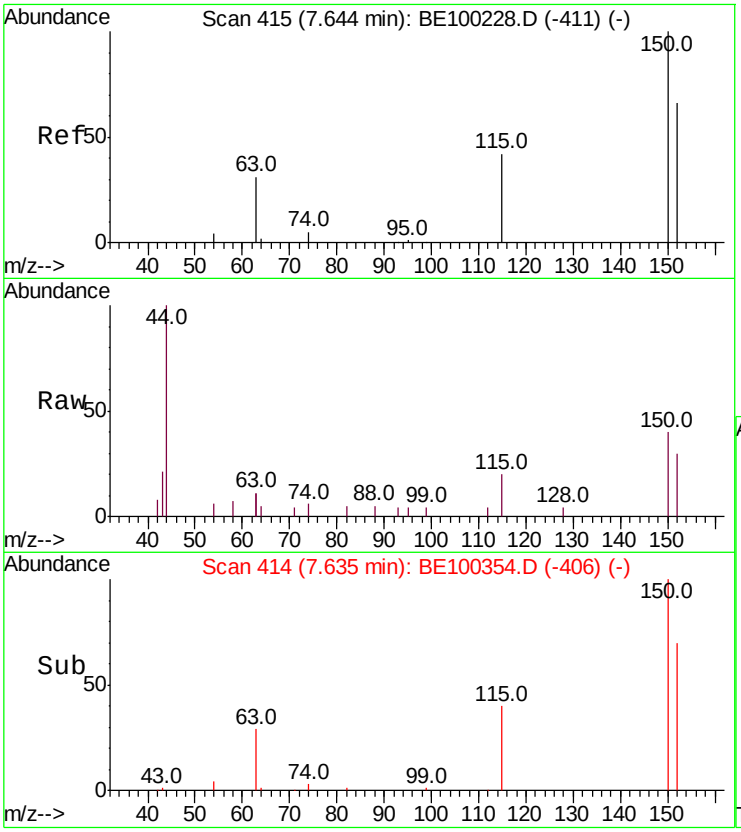


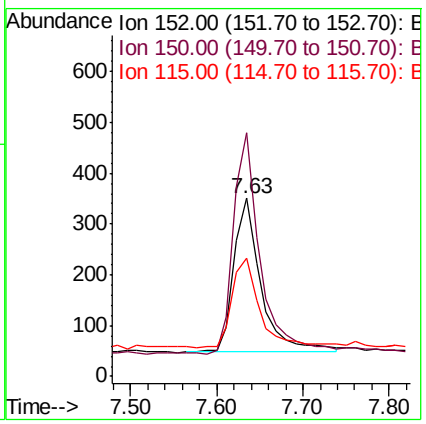


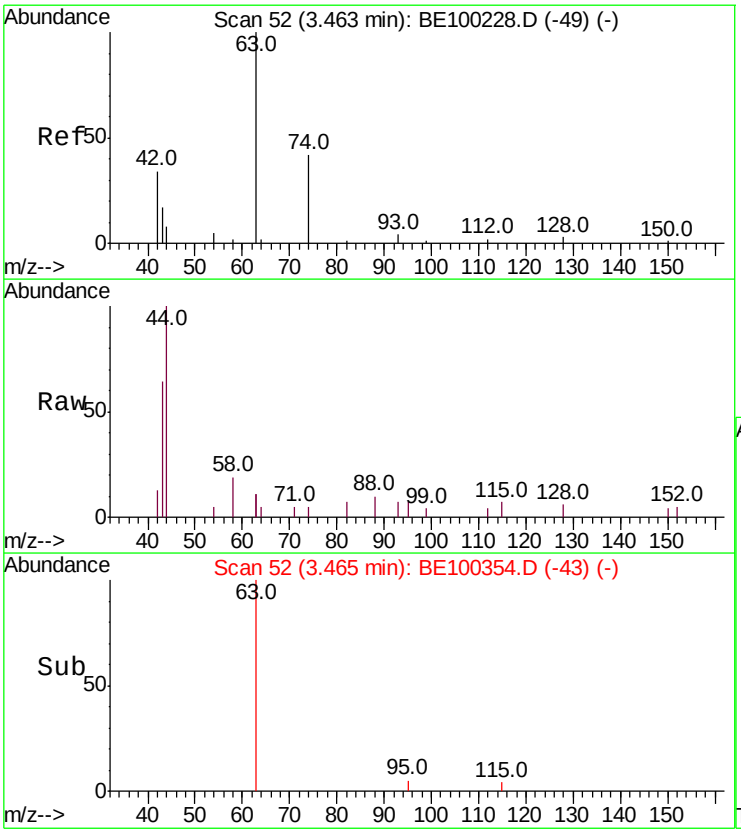
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 668

Ion	Ratio	Lower	Upper
152	100		
150	136.5	114.5	171.7
115	66.1	57.1	85.7

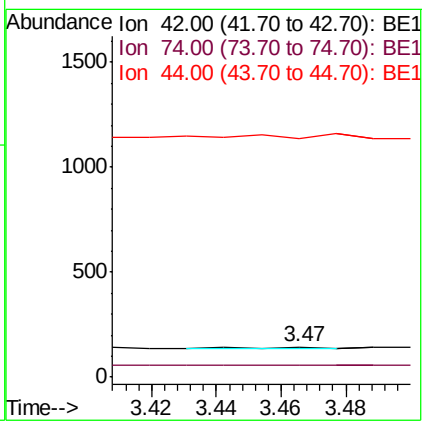


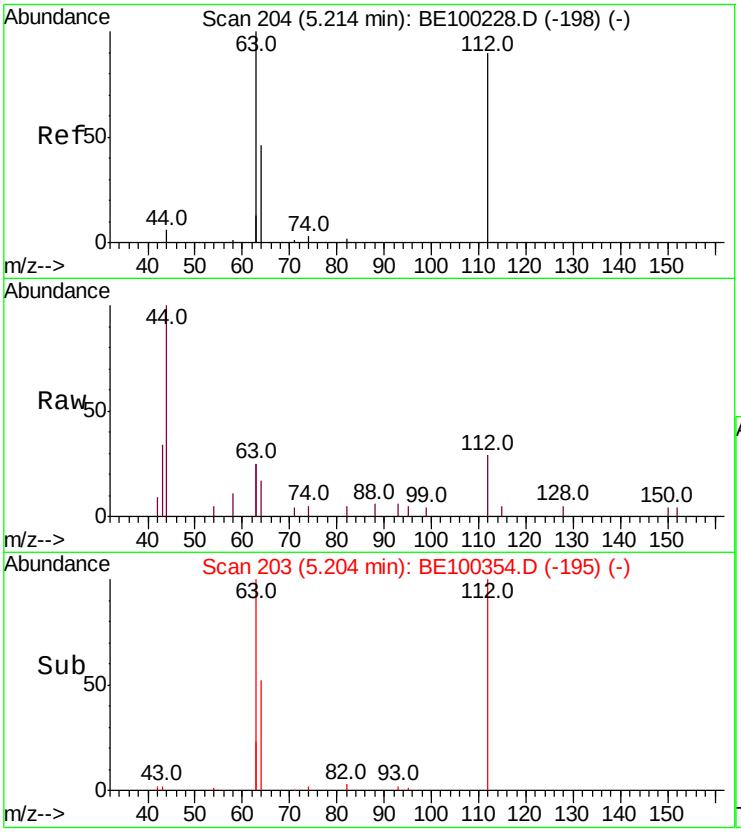


#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.47 min Scan# 52
Delta R.T. 0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	30.8	130.6	196.0#
44	553.8	38.0	57.0#



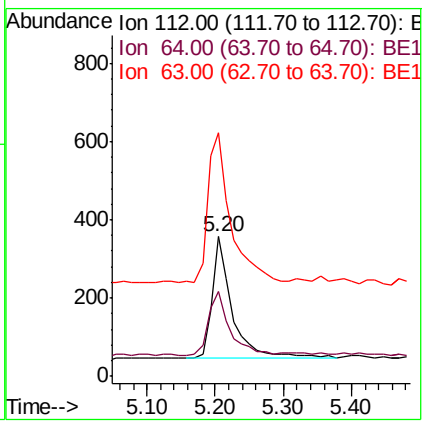


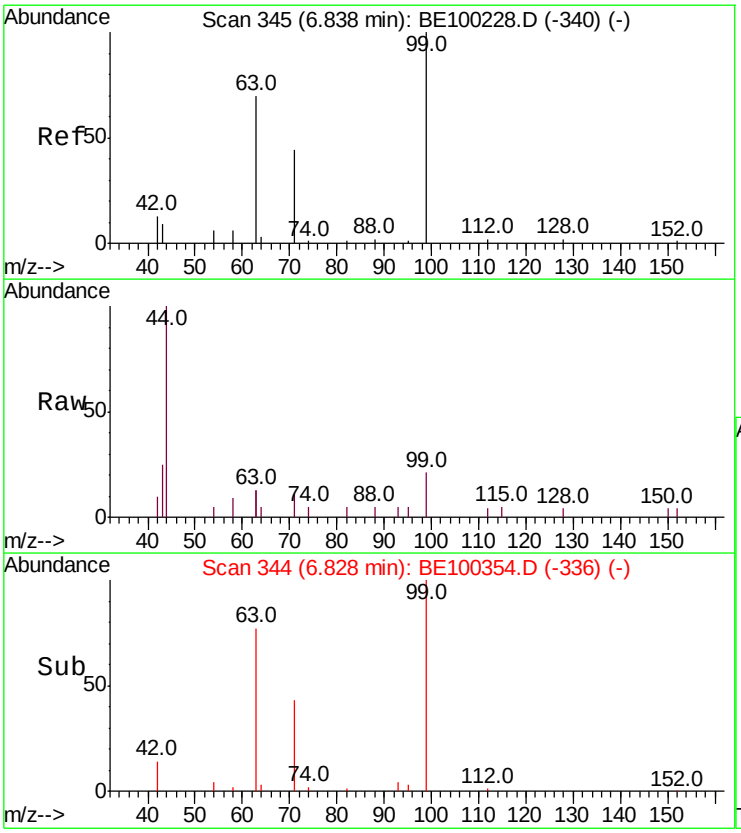
#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 656

Ion	Ratio	Lower	Upper
112	100		
64	55.8	39.4	59.0
63	135.8	104.5	156.7

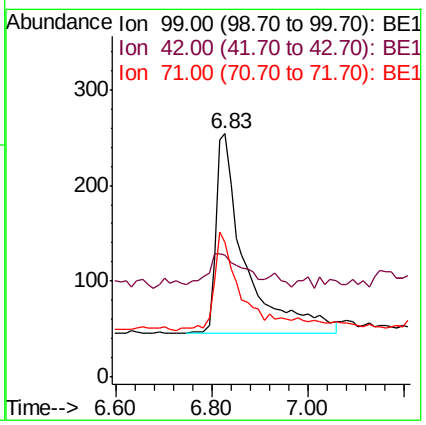


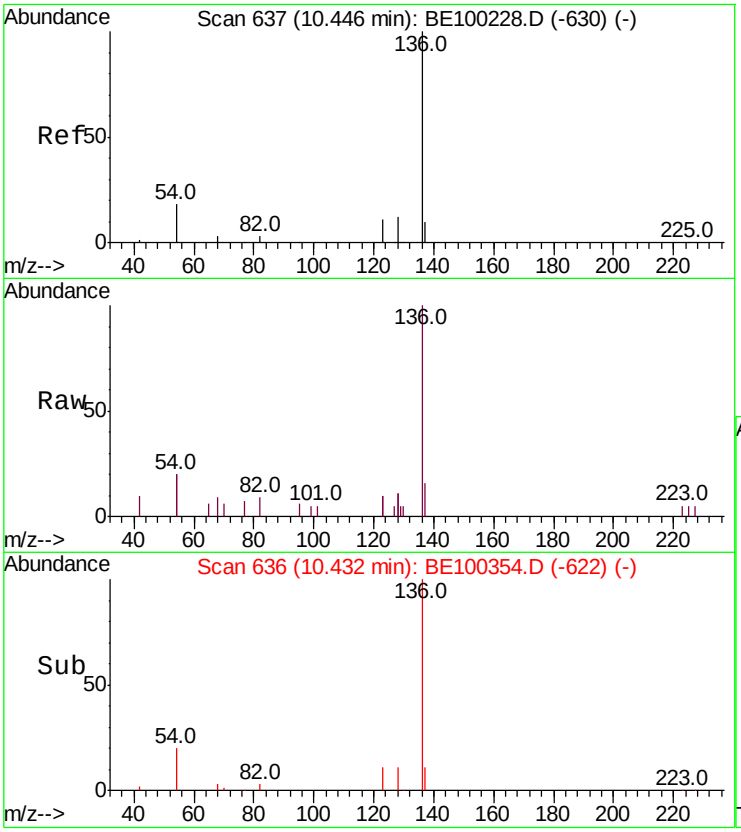


#5
Phenol-d6
Concen: 0.399 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion: 99 Resp: 894

Ion	Ratio	Lower	Upper
99	100		
42	17.3	11.2	16.8#
71	43.6	37.2	55.8



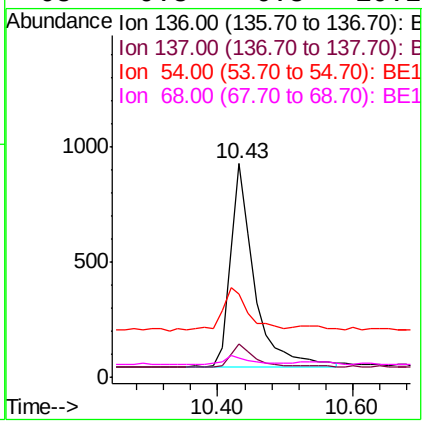


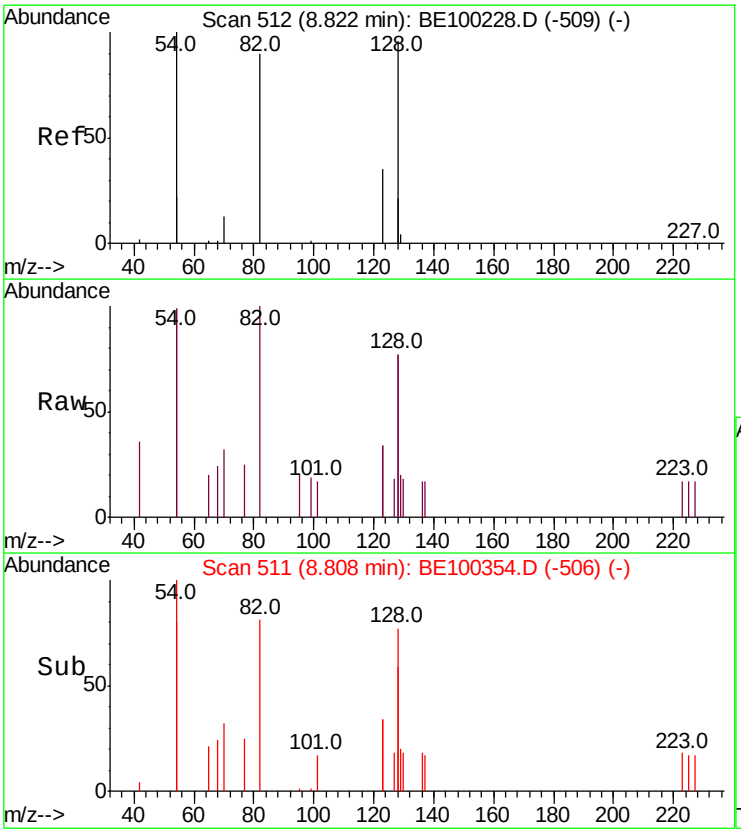
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2179

Ion	Ratio	Lower	Upper
136	100		
137	15.6	11.8	17.8
54	39.0	27.7	41.5
68	9.3	6.8	10.2

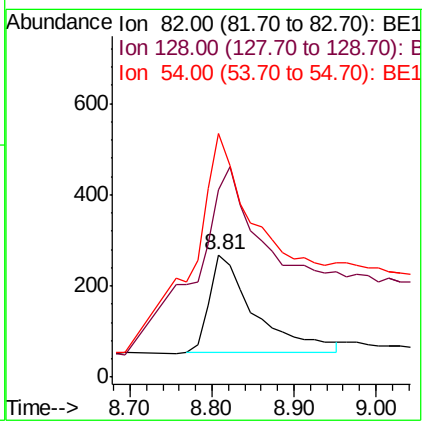


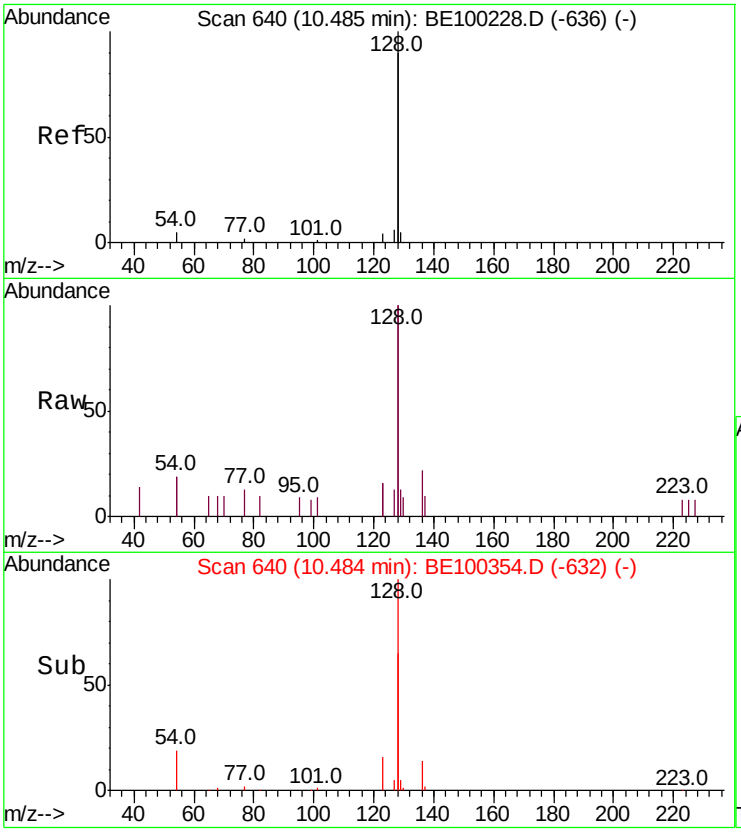


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion: 82 Resp: 815

Ion	Ratio	Lower	Upper
82	100		
128	153.2	140.9	211.3
54	198.5	146.2	219.2



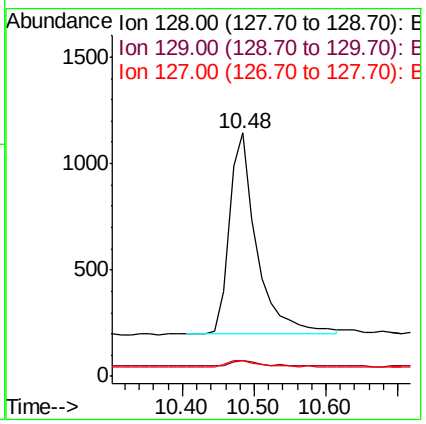


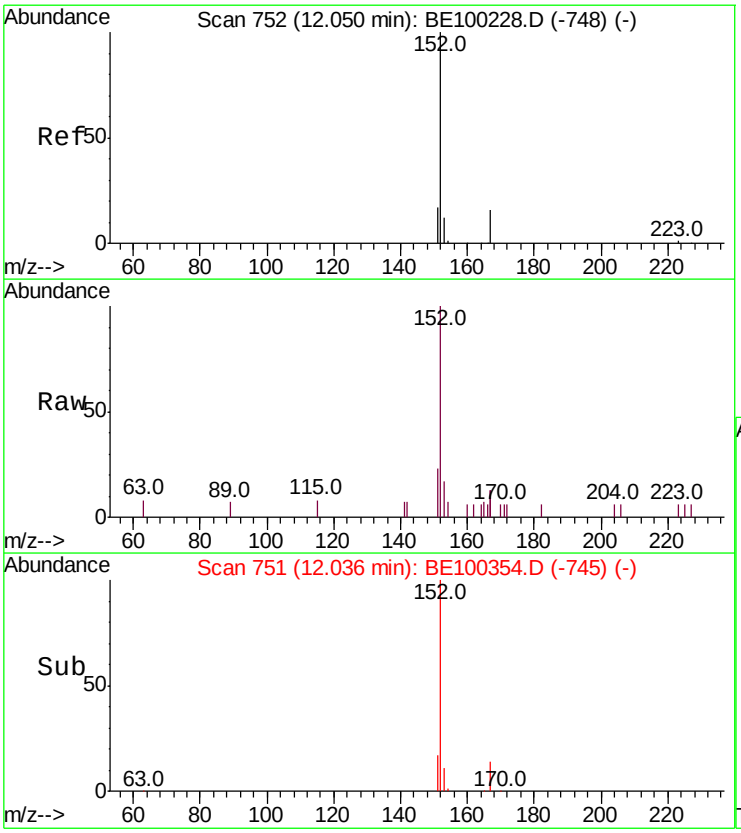
#9
Naphthalene
Concen: 0.104 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2499

Ion	Ratio	Lower	Upper
128	100		
129	6.7	3.0	4.6#
127	6.5	3.5	5.3#

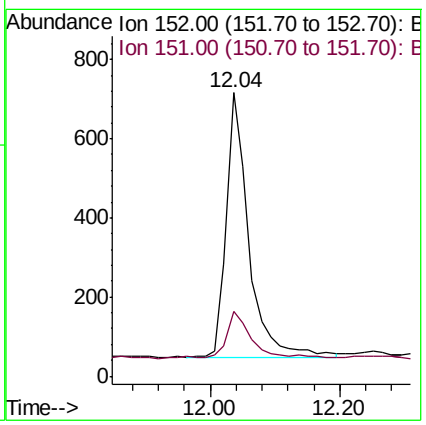


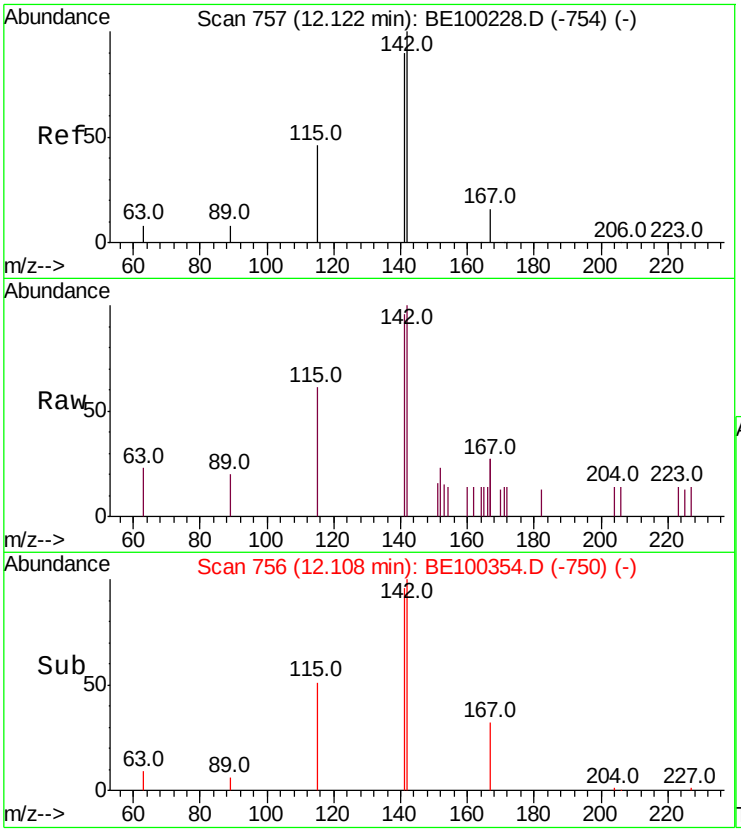


#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:152 Resp: 1614

Ion	Ratio	Lower	Upper
152	100		
151	16.4	15.1	22.7



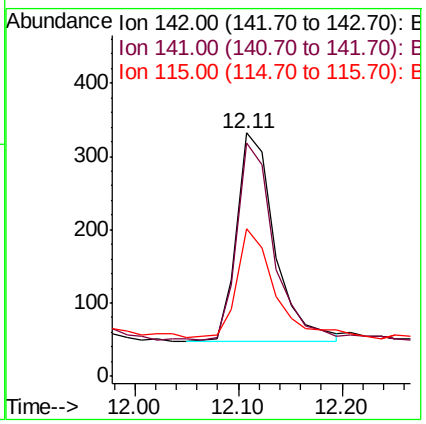


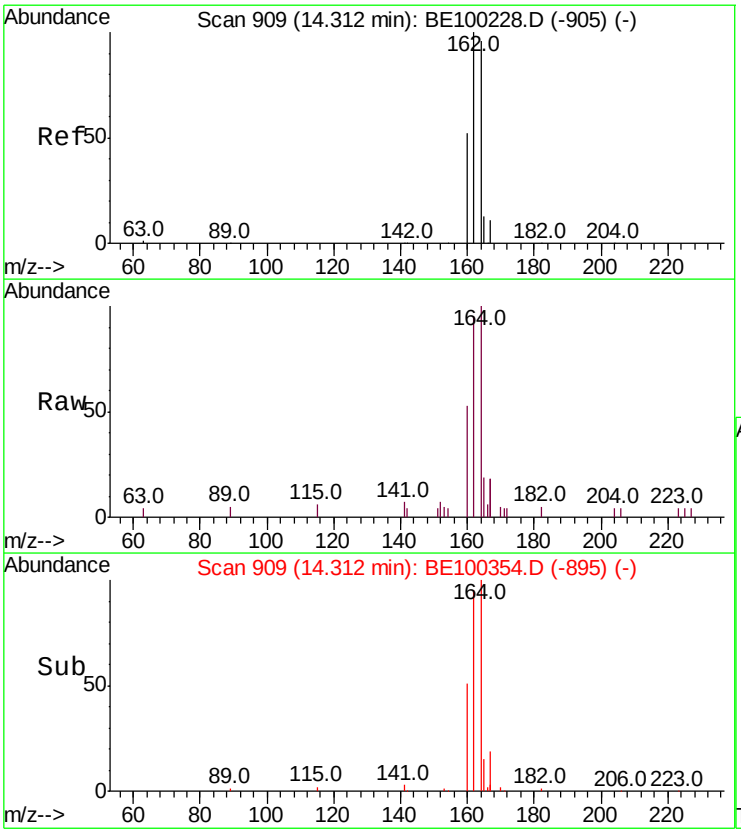
#12
2-Methylnaphthalene
Concen: 0.172 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 727

Ion	Ratio	Lower	Upper
142	100		
141	96.1	72.4	108.6
115	60.8	40.4	60.6#

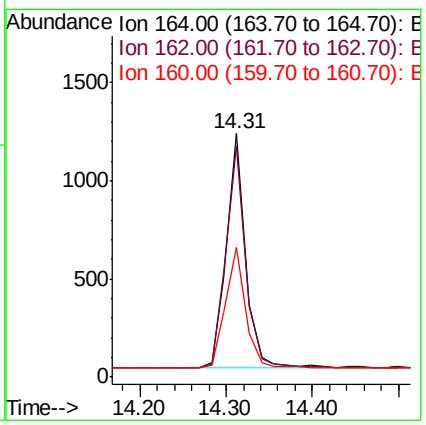


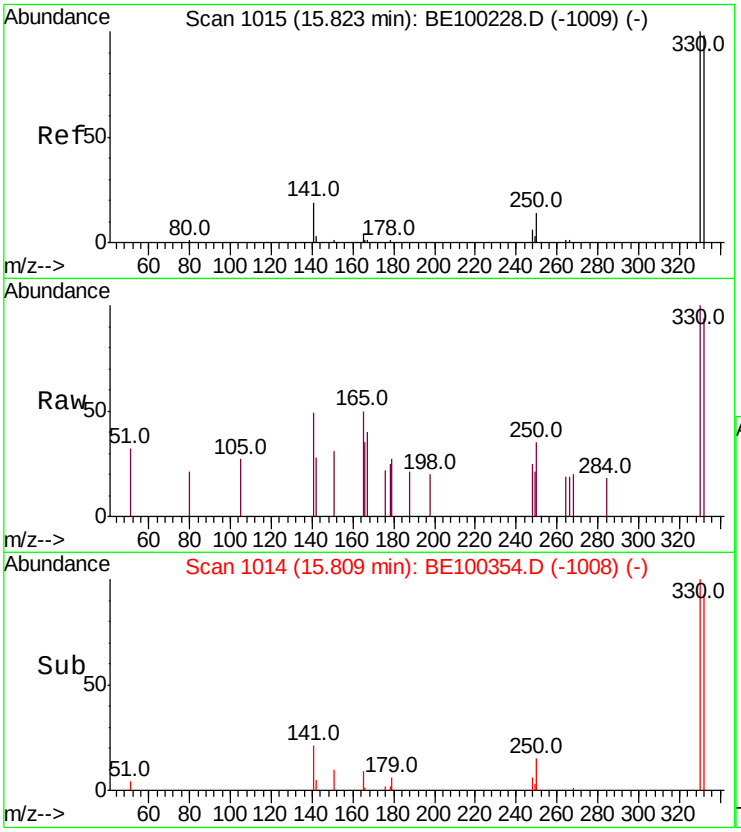


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:164 Resp: 1814

Ion	Ratio	Lower	Upper
164	100		
162	94.6	83.4	125.0
160	53.1	45.0	67.6



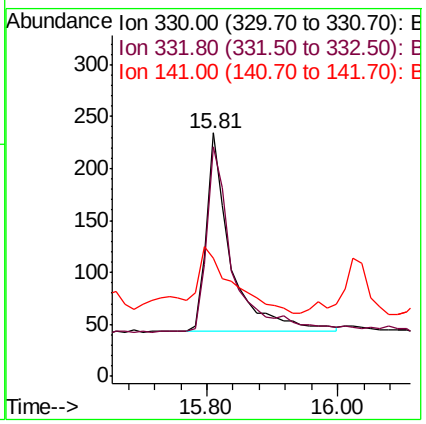


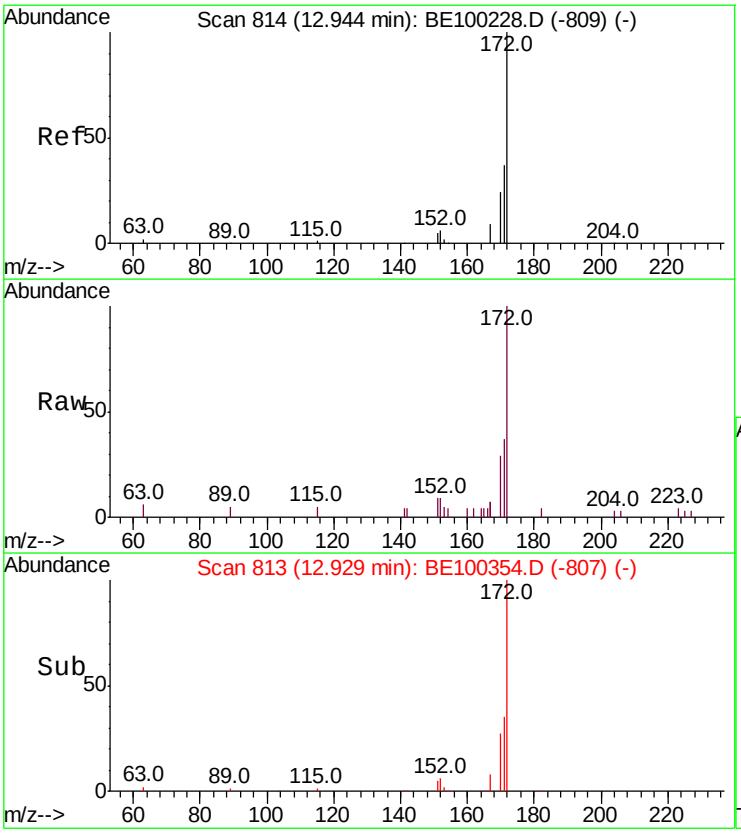
#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 496

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.4
141	45.2	22.0	33.0#

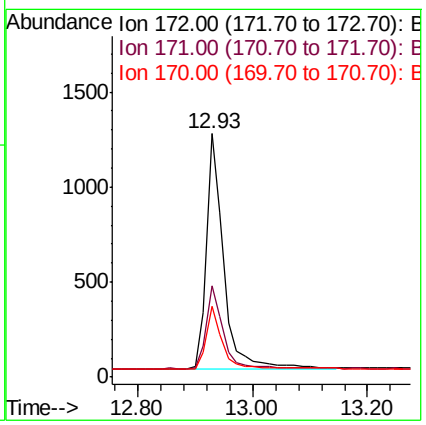


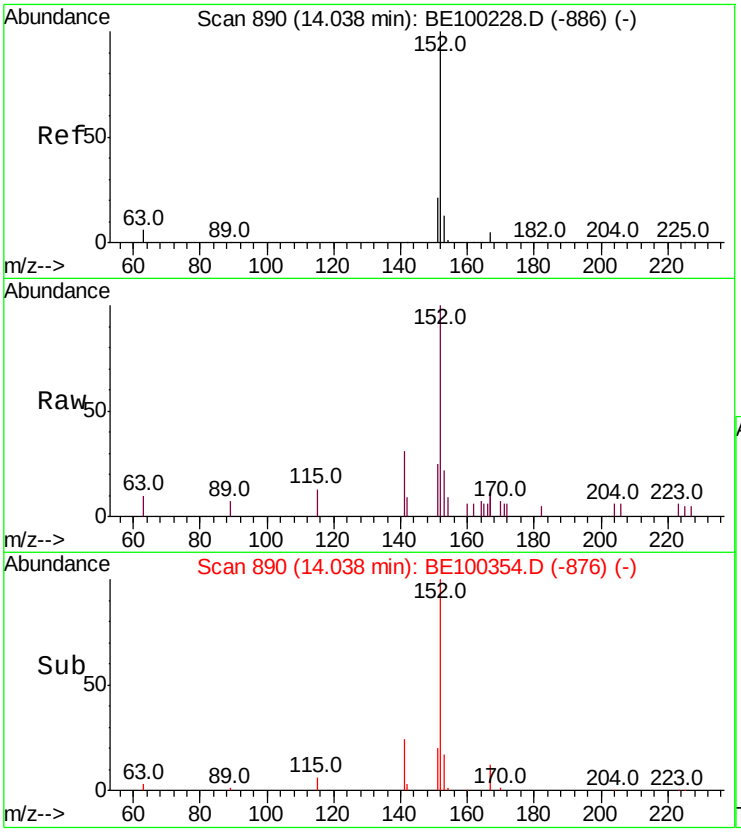


#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:172 Resp: 2566

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.9	47.9
170	29.4	22.2	33.2



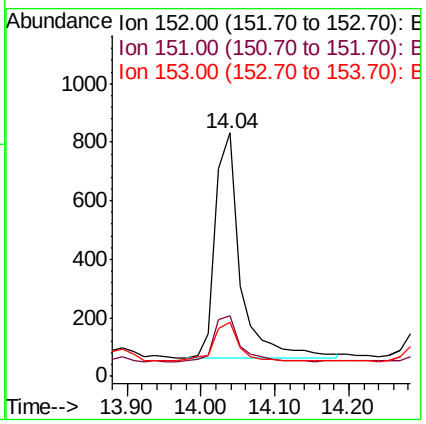


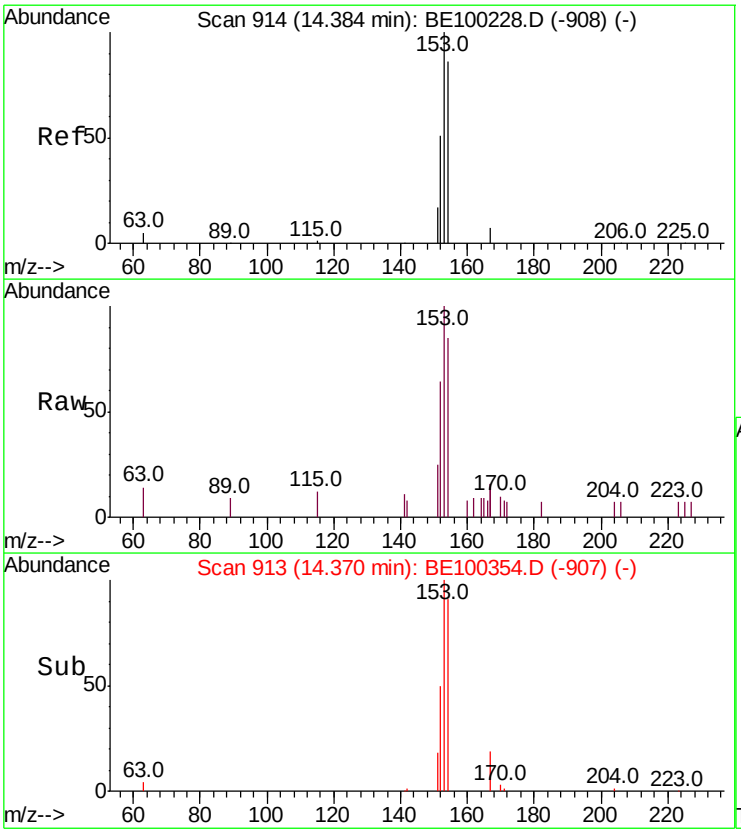
#16
Acenaphthylene
Concen: 0.210 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1824

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.6	25.0
153	17.3	10.5	15.7#

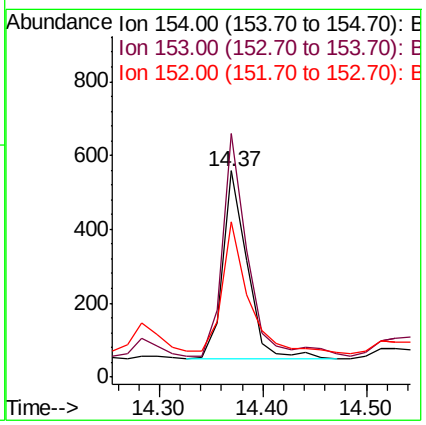


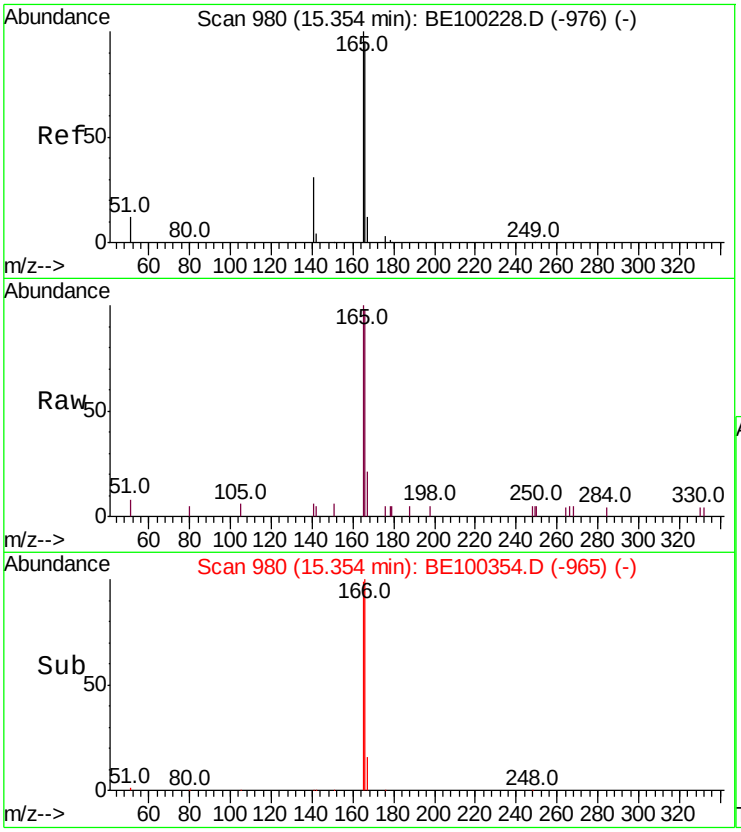


#17
Acenaphthene
Concen: 0.166 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:154 Resp: 820

Ion	Ratio	Lower	Upper
154	100		
153	125.4	93.4	140.2
152	75.1	49.4	74.2#



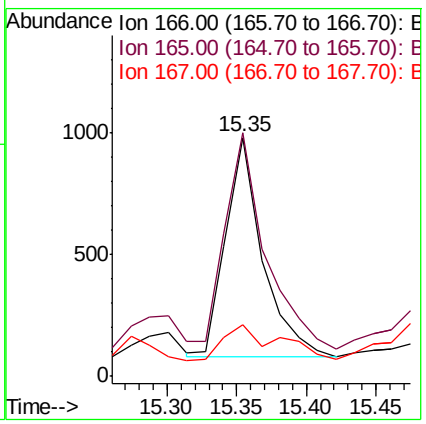


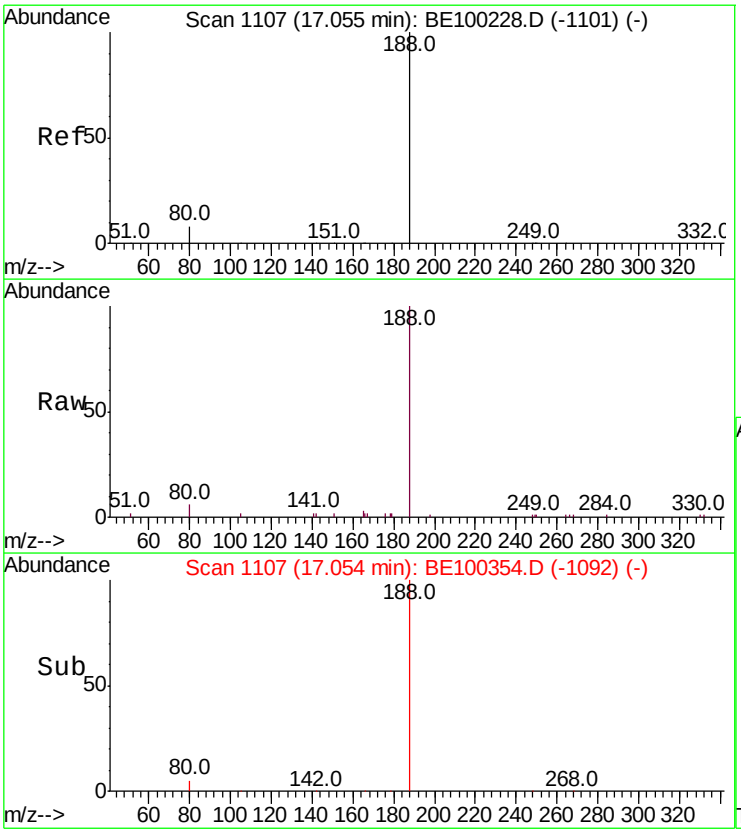
#18
Fluorene
Concen: 0.225 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1640

Ion	Ratio	Lower	Upper
166	100		
165	106.9	81.1	121.7
167	25.2	10.7	16.1#

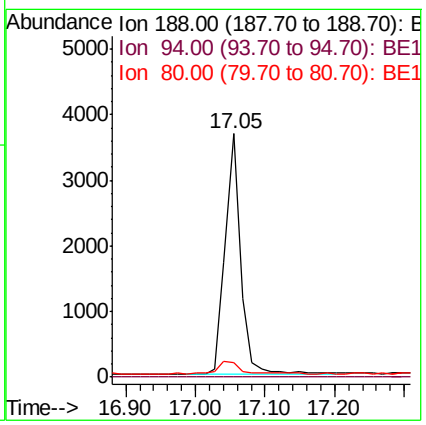


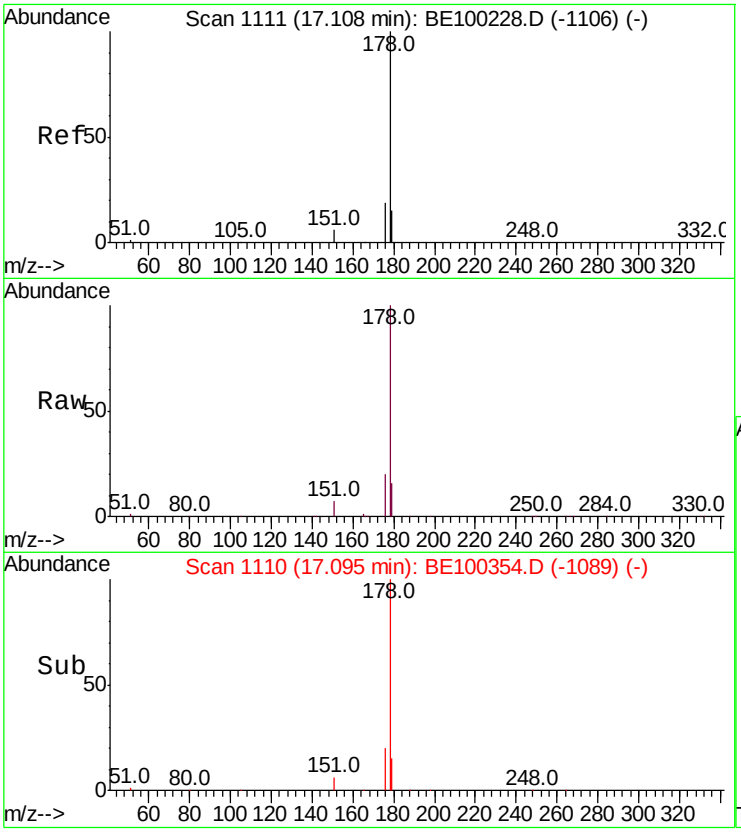


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:188 Resp: 5671

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	7.6	11.4#



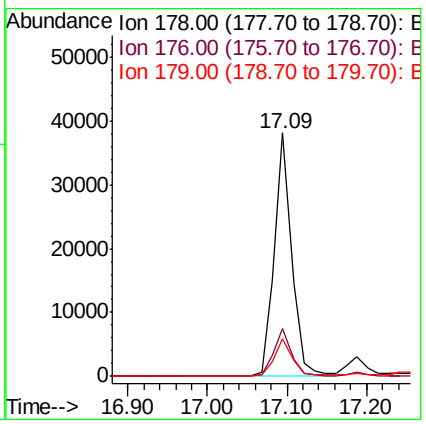


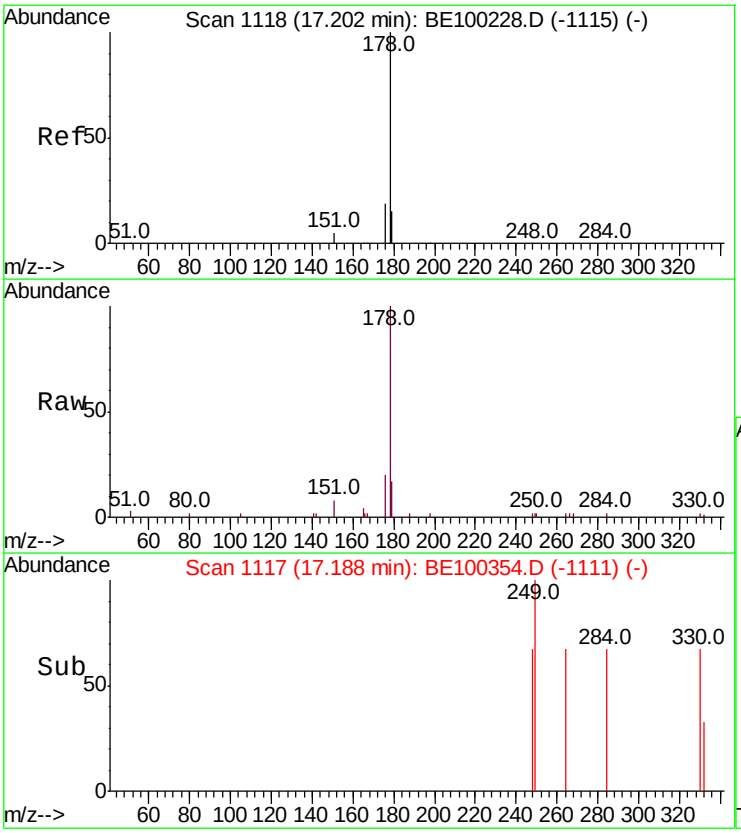
#23
Phenanthrene
Concen: 4.192 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 57621

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.9	12.2	18.2

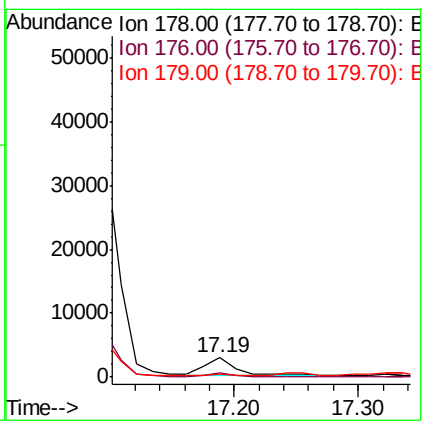


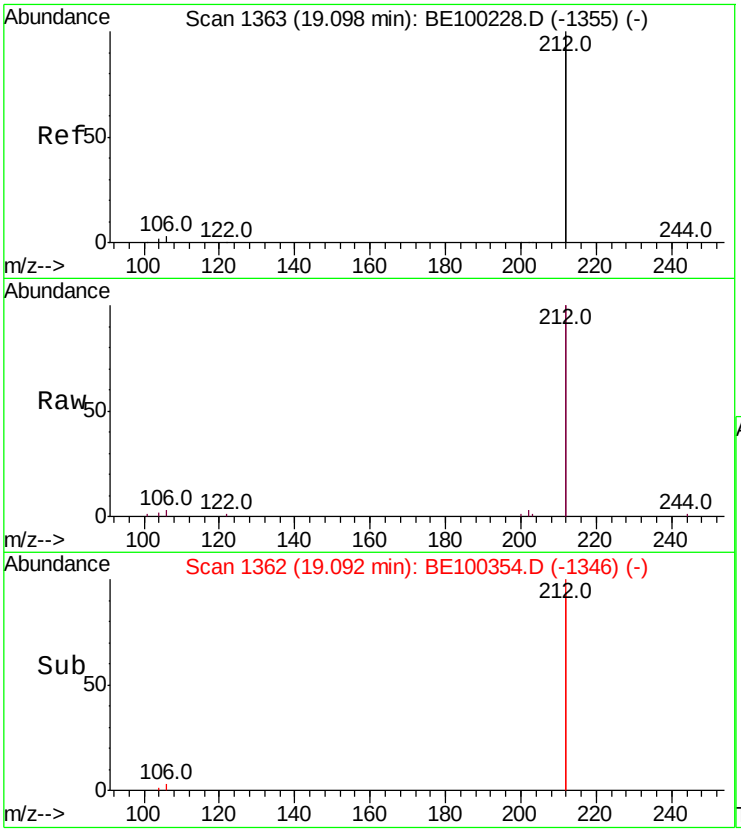


#24
Anthracene
Concen: 0.361 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:178 Resp: 4473

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.3	22.9
179	10.6	12.2	18.2#



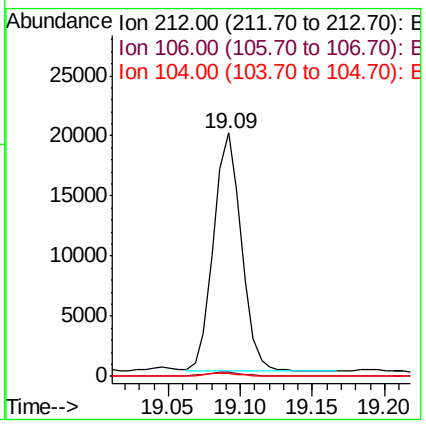


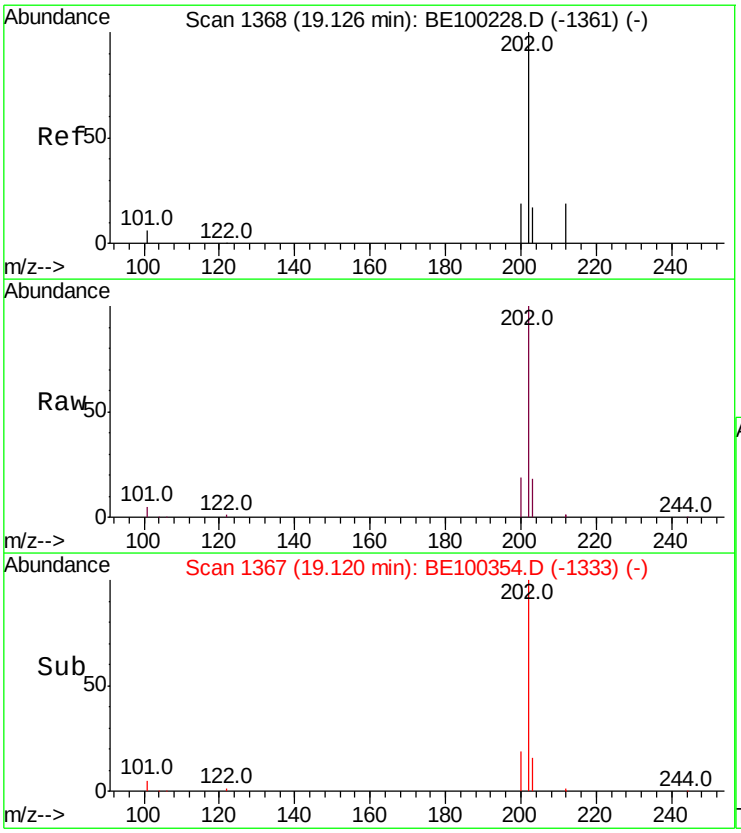
#25
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 26692

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

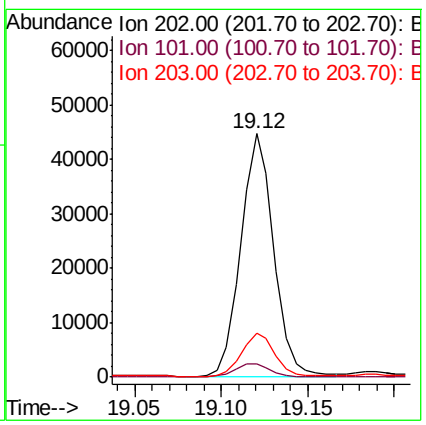


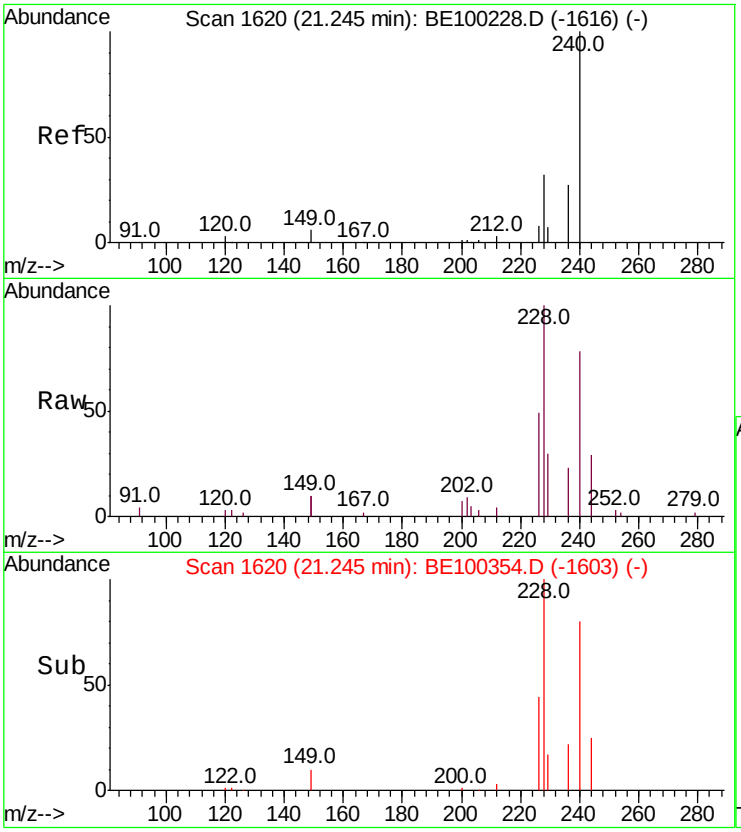


#26
Fluoranthene
Concen: 2.686 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:202 Resp: 58799

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	18.0	13.7	20.5



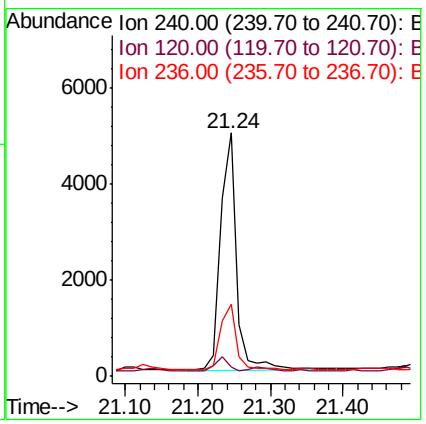


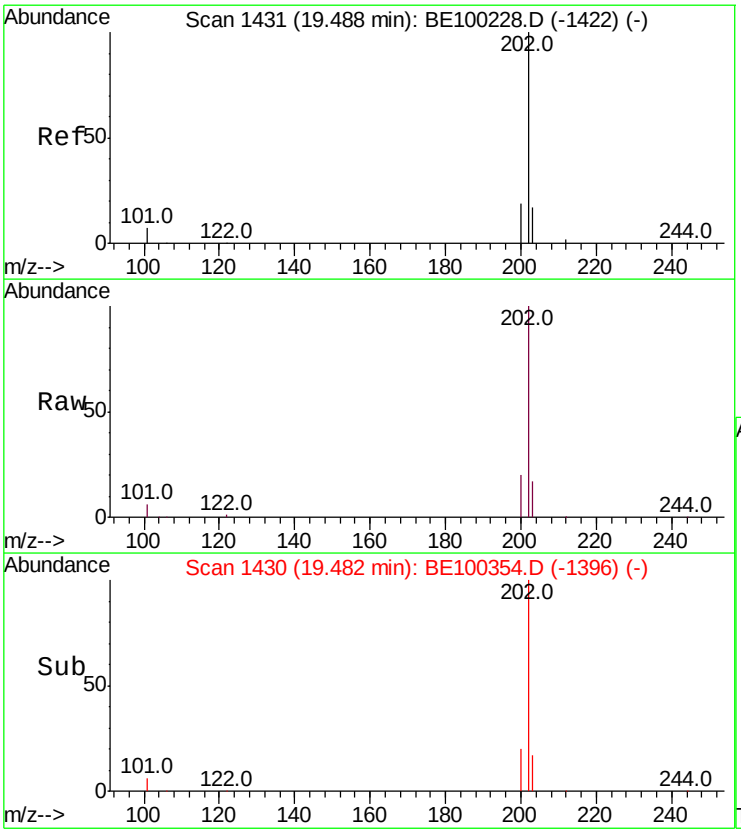
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7719

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.3	4.9
236	29.4	22.6	34.0

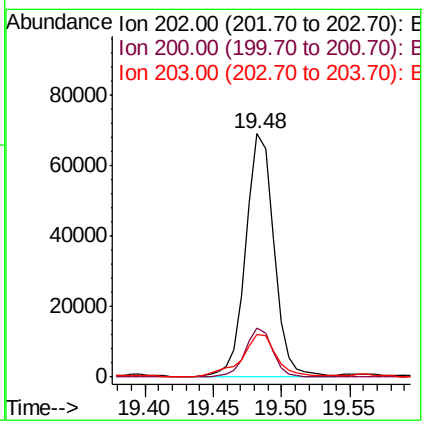


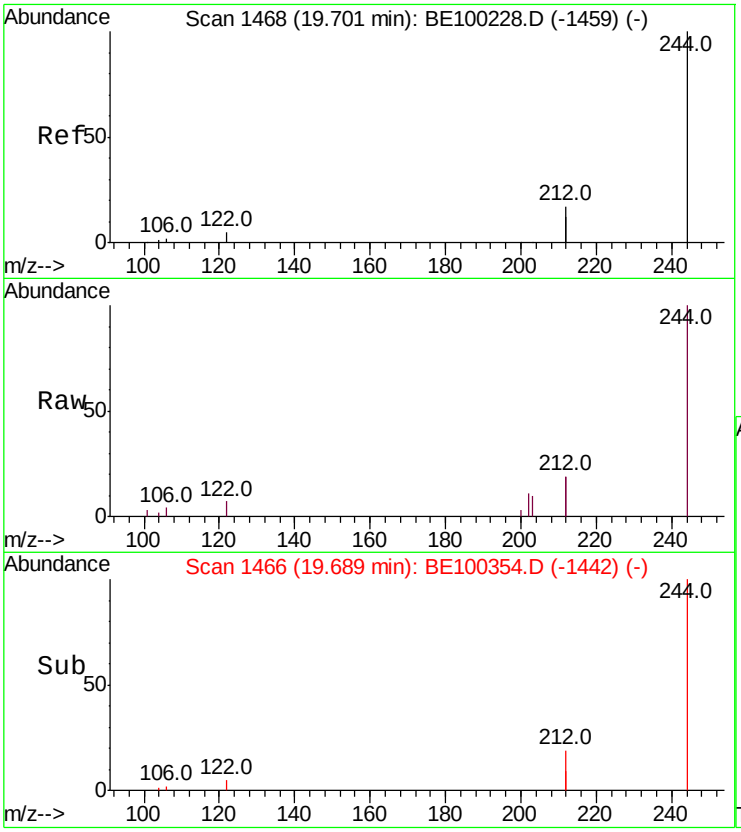


#28
Pyrene
Concen: 4.773 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:202 Resp: 97542

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	21.2	14.0	21.0#



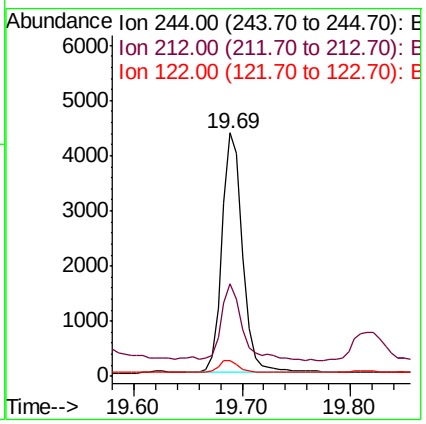


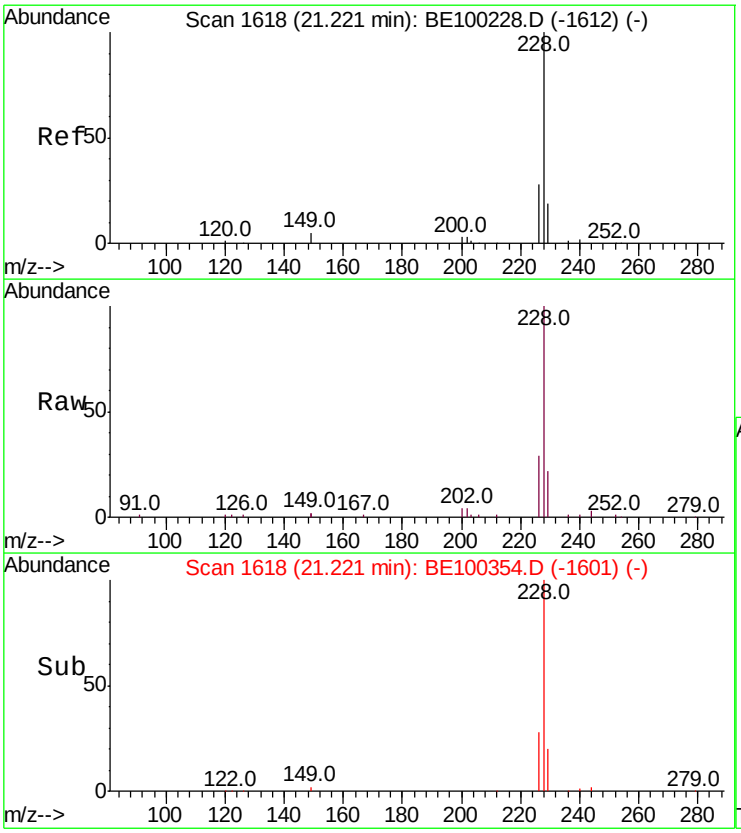
#29
Terphenyl-d14
Concen: 0.359 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5750

Ion	Ratio	Lower	Upper
244	100		
212	37.9	27.3	40.9
122	6.6	4.7	7.1

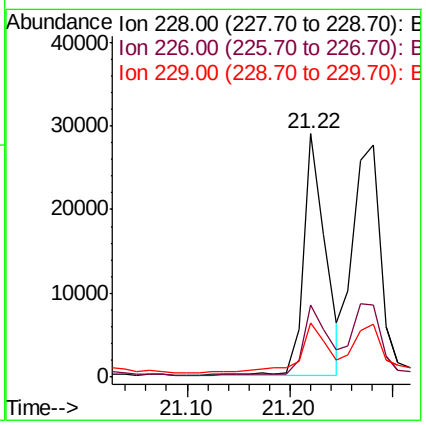


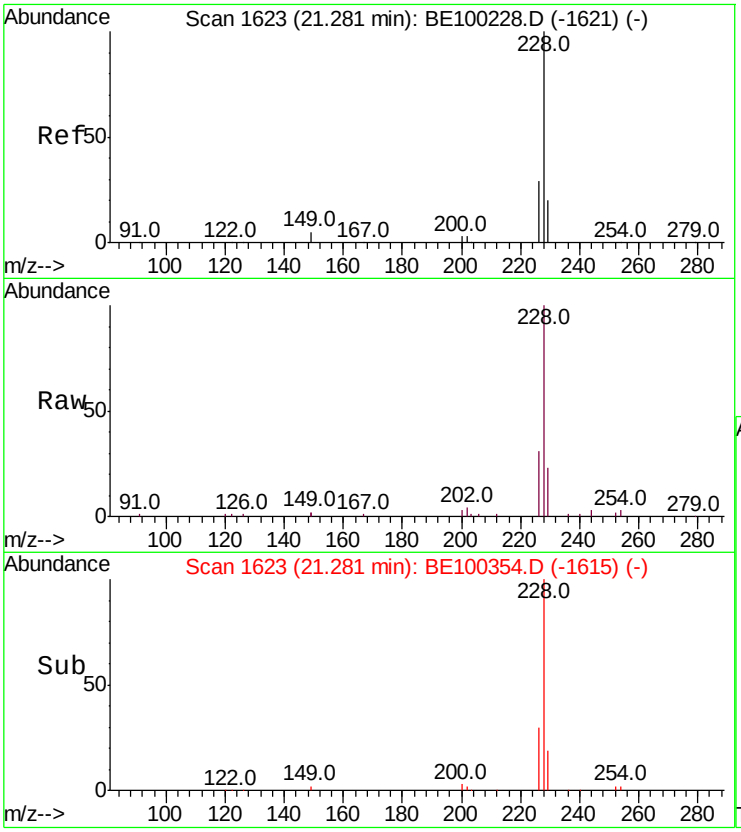


#30
Benzo(a)anthracene
Concen: 1.662 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:228 Resp: 42174

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	22.4	15.7	23.5



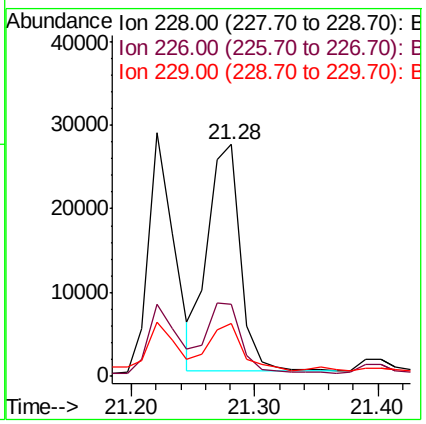


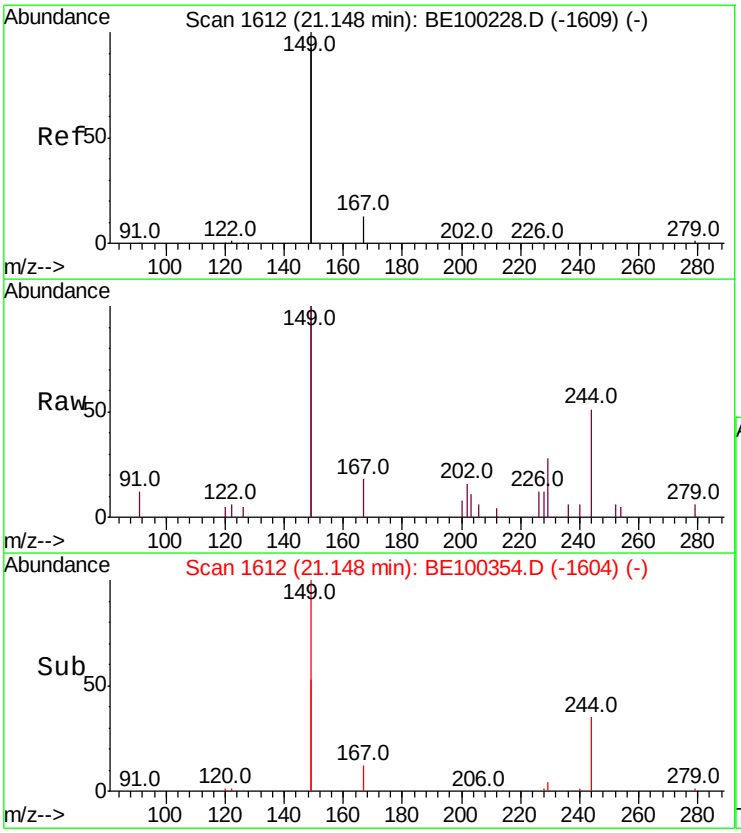
#31
Chrysene
Concen: 1.984 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 50572

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	22.6	16.5	24.7

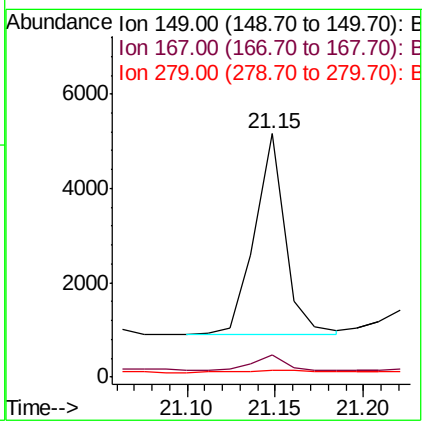


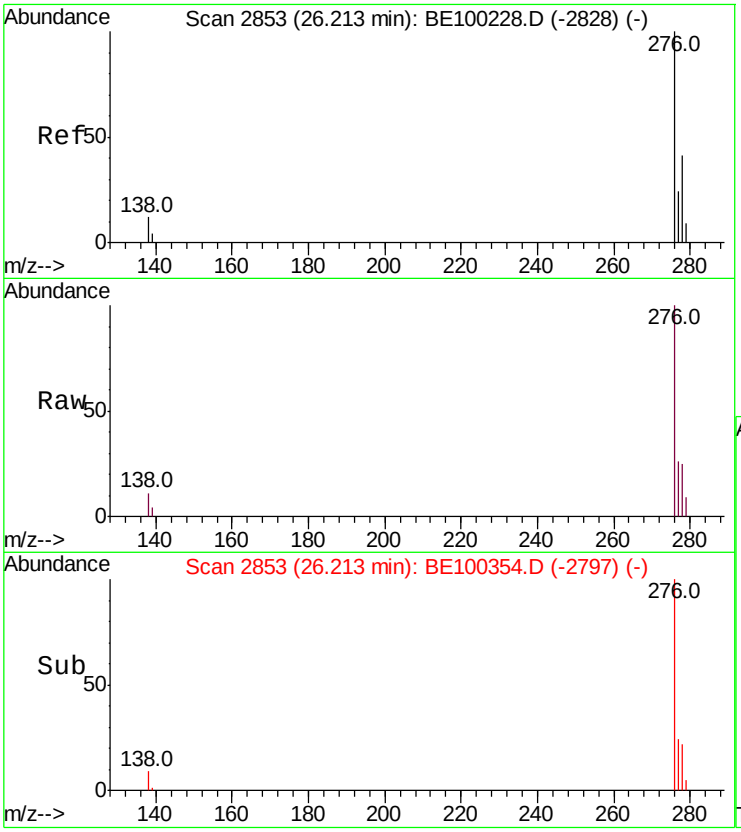


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:149 Resp: 5070

Ion	Ratio	Lower	Upper
149	100		
167	8.2	5.8	8.8
279	2.1	1.1	1.7#



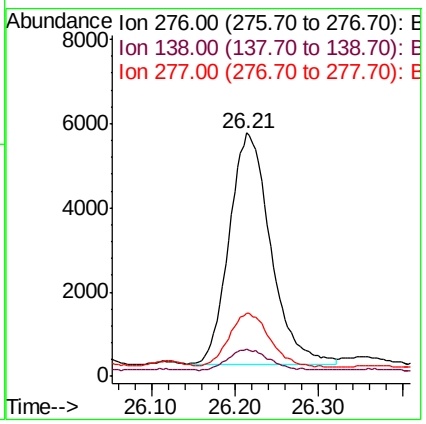


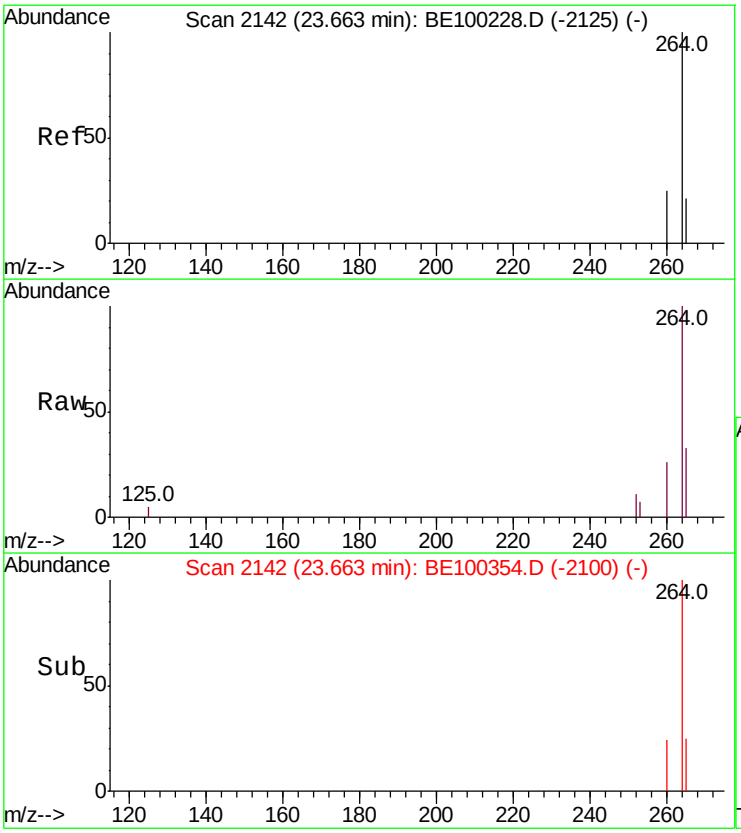
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.561 ng
RT: 26.21 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 18924

Ion	Ratio	Lower	Upper
276	100		
138	8.7	9.4	14.0#
277	23.0	19.2	28.8

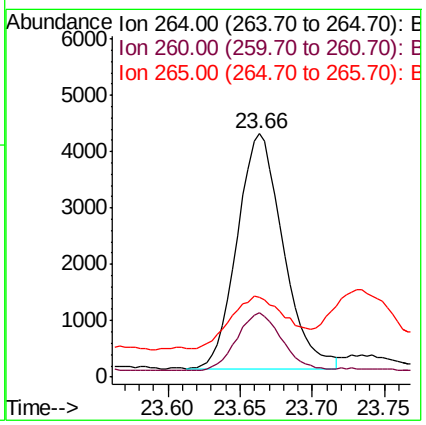


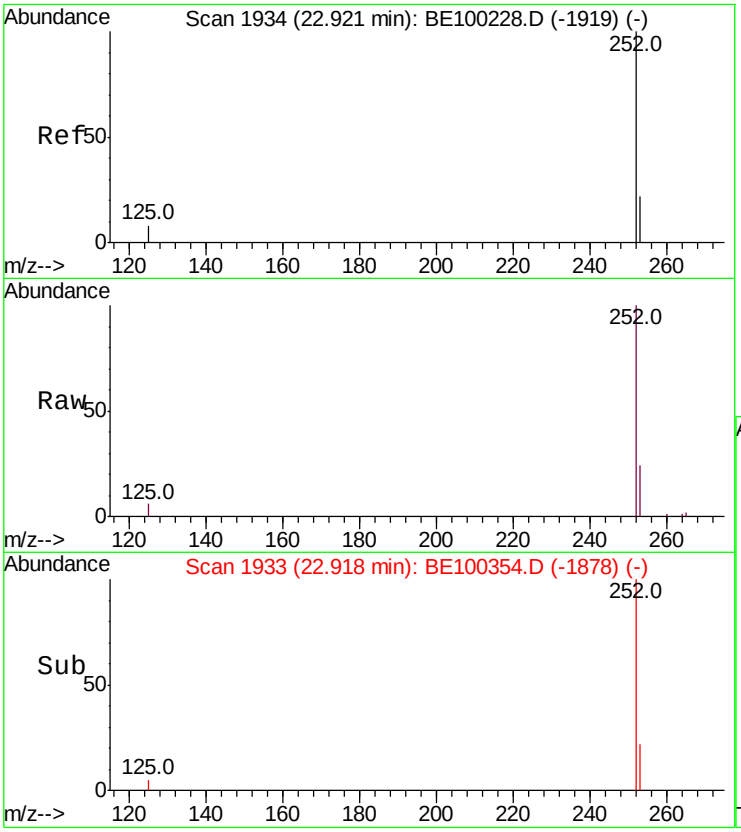


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:264 Resp: 9071

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.8	31.2
265	32.9	21.8	32.6#



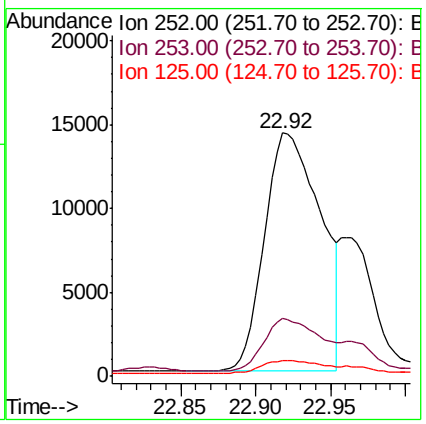


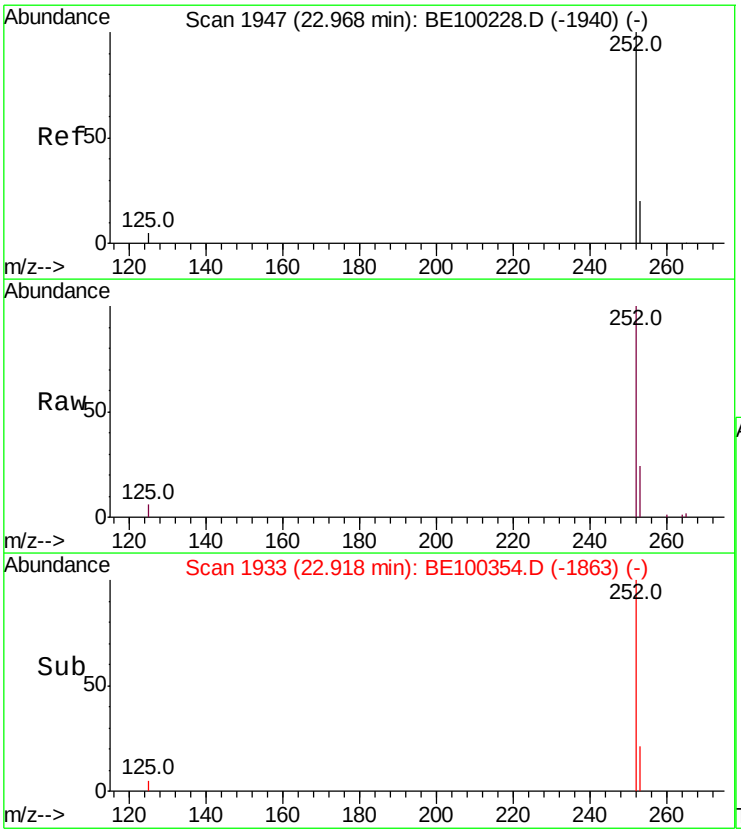
#35
Benzo(b)fluoranthene
Concen: 1.511 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 37171

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	6.4	7.4	11.0#

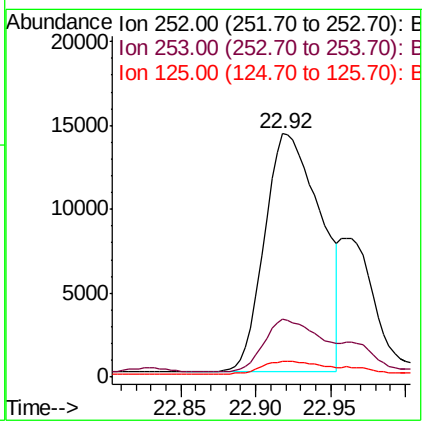


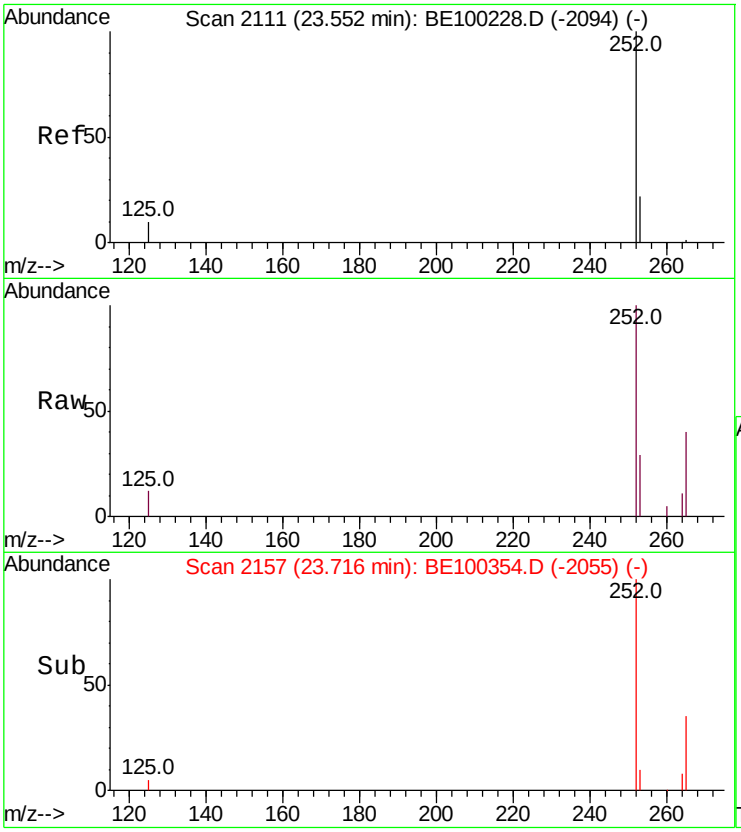


#36
Benzo(k)fluoranthene
Concen: 1.354 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.05 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:252 Resp: 37171

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	6.4	5.0	7.4



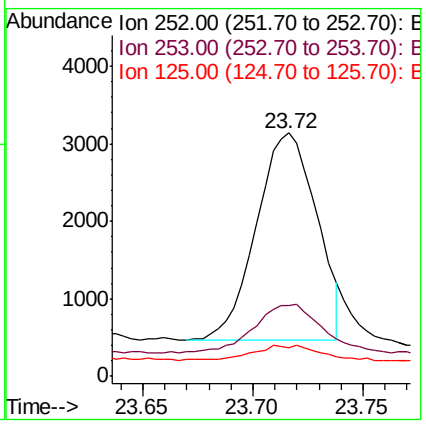


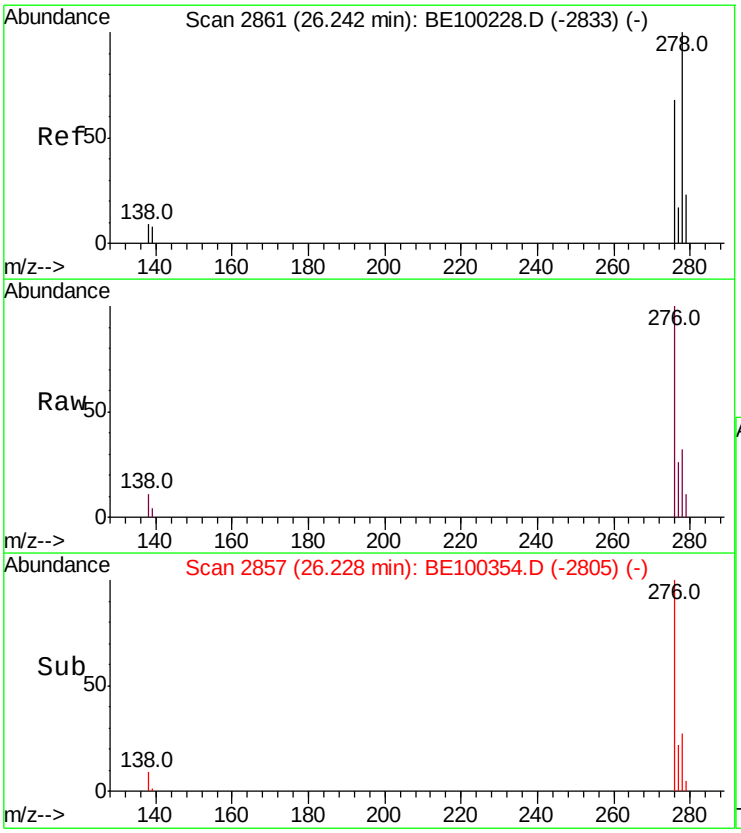
#37
Benzo(a)pyrene
Concen: 0.207 ng
RT: 23.72 min Scan# 2157
Delta R.T. 0.16 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5090

Ion	Ratio	Lower	Upper
252	100		
253	29.1	19.6	29.4
125	11.9	9.0	13.6

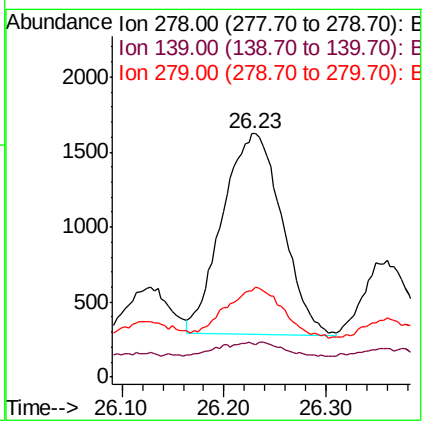


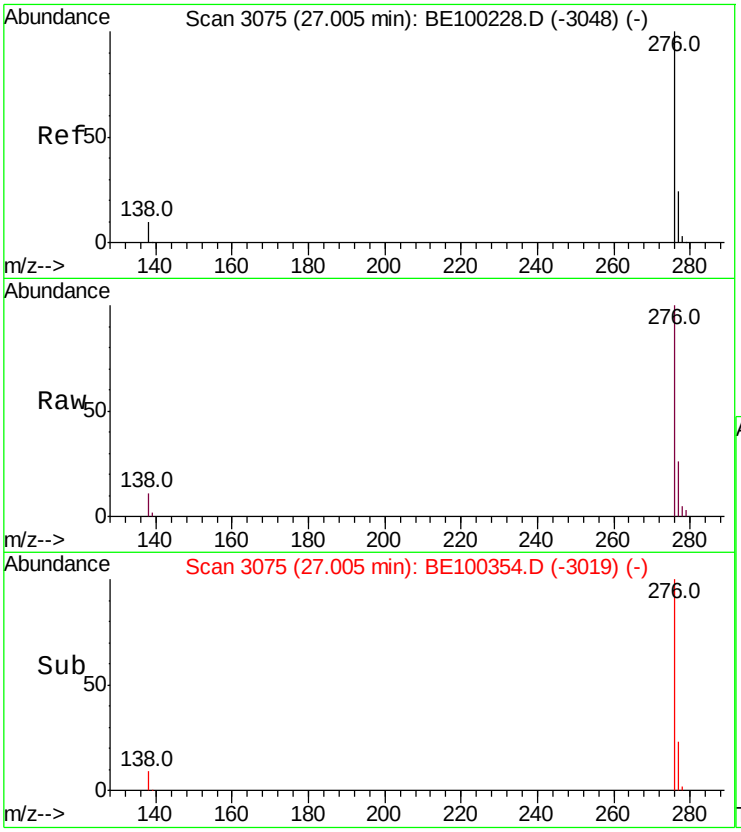


#38
Dibenzo(a,h)anthracene
Concen: 0.211 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Tgt Ion:278 Resp: 5433

Ion	Ratio	Lower	Upper
278	100		
139	13.7	8.2	12.2#
279	35.4	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.912 ng
RT: 27.01 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BE100354.D
Acq: 4 Jul 2019 7:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24112

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