Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100209.D
Acq On : 27 Jun 2019 17:53
Operator : JU/SJ
Sample : K3428-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 27 18:53:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	729	0.40	ng		-0.01
7) Naphthalene-d8	10.45	136	2434	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	1941	0.40	ng		-0.01
19) Phenanthrene-d10	17.05	188	6089	0.40	ng		-0.04
27) Chrysene-d12	21.25	240	8783	0.40	ng		-0.04
34) Perylene-d12	23.67	264	10173	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	430	0.27	ng		-0.01
5) Phenol-d6	6.84	99	568	0.25	ng		-0.03
8) Nitrobenzene-d5	8.83	82	606	0.25	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1682	0.37	ng		-0.03
14) 2,4,6-Tribromophenol	15.82	330	264	0.23	ng		-0.03
15) 2-Fluorobiphenyl	12.94	172	1915	0.25	ng		-0.03
25) Fluoranthene-d10	19.10	212	32633	0.37	ng		-0.03
29) Terphenyl-d14	19.70	244	4150	0.24	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	28	0.025	ng	#	1
3) n-Nitrosodimethylamine	3.48	42	10	0.024	ng	#	1
9) Naphthalene	10.50	128	2960	0.111	ng	#	94
12) 2-Methylnaphthalene	12.14	142	545	0.127	ng		95
16) Acenaphthylene	14.04	152	3108	0.328	ng		99
17) Acenaphthene	14.38	154	386	0.073	ng	#	89
18) Fluorene	15.37	166	1210	0.158	ng	#	84
22) Pentachlorophenol	16.75	266	53	0.309	ng		98
23) Phenanthrene	17.09	178	30220	2.095	ng		100
24) Anthracene	17.20	178	2431	0.200	ng	#	91
26) Fluoranthene	19.13	202	47637	2.030	ng		99
28) Pyrene	19.49	202	71174	3.164	ng		96
30) Benzo(a)anthracene	21.22	228	34031	1.314	ng		95
31) Chrysene	21.28	228	42697	1.406	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	3995	0.134	ng		96
33) Indeno(1,2,3-cd)pyrene	26.22	276	18248	0.422	ng	#	96
35) Benzo(b)fluoranthene	22.93	252	35709	1.305	ng		99
36) Benzo(k)fluoranthene	22.93	252	35709	1.091	ng	#	97
37) Benzo(a)pyrene	23.56	252	28698	1.012	ng		99
38) Dibenzo(a,h)anthracene	26.23	278	5059	0.167	ng	#	86
39) Benzo(g,h,i)perylene	27.00	276	21145	0.668	ng		98

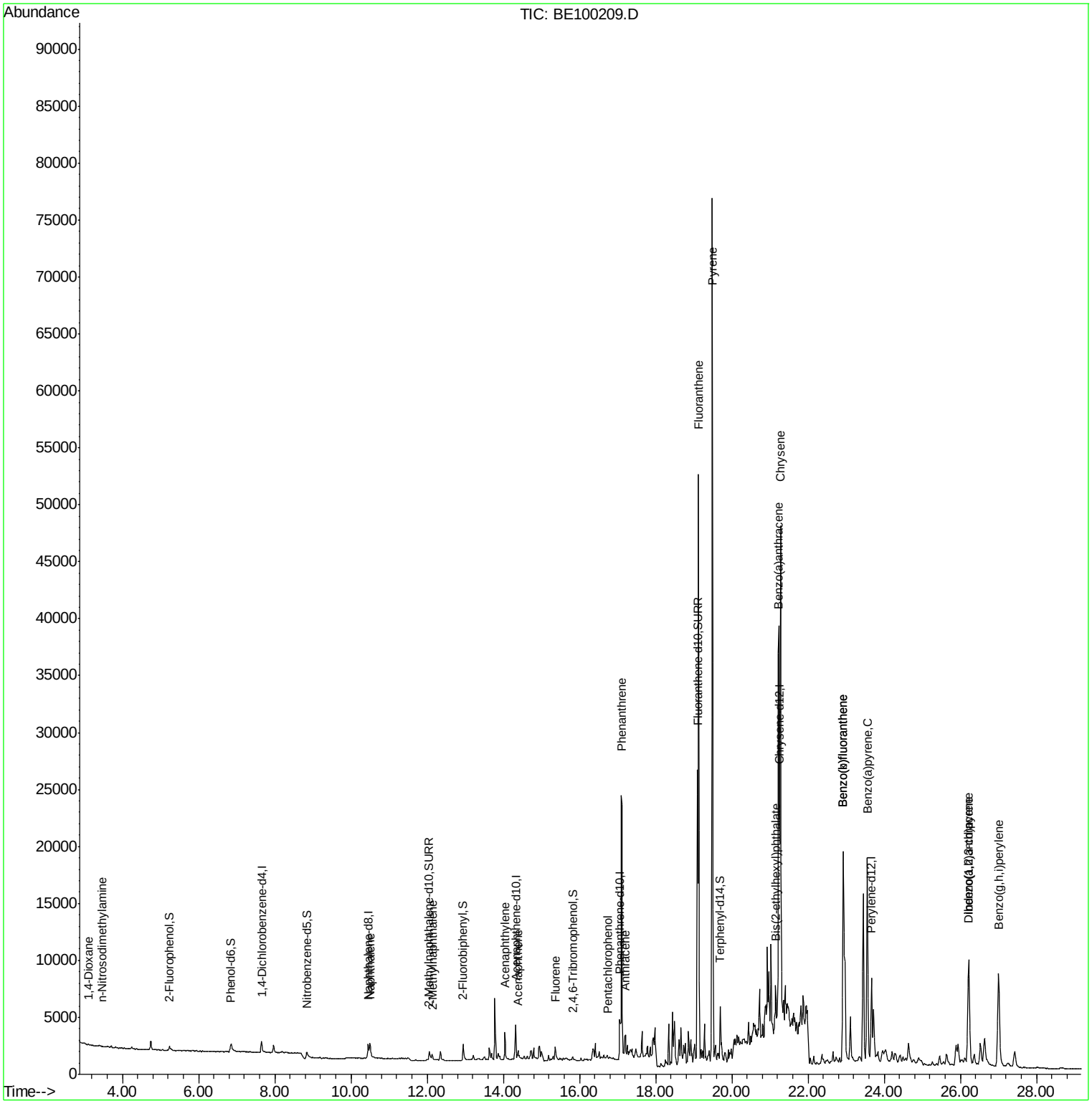
(#) = qualifier out of range (m) = manual integration (+) = signals summed

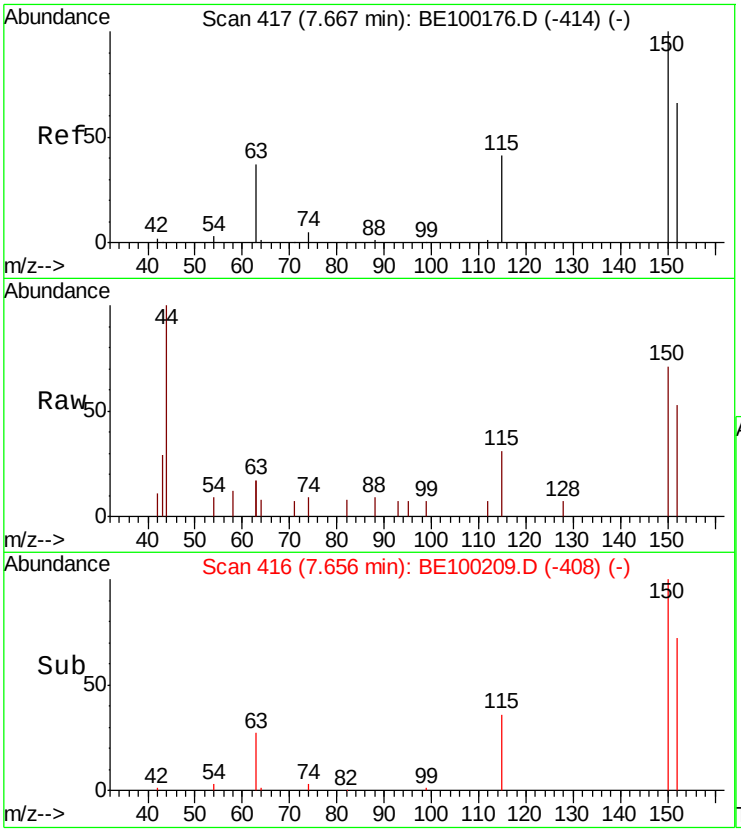
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100209.D
Acq On : 27 Jun 2019 17:53
Operator : JU/SJ
Sample : K3428-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 27 18:53:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration



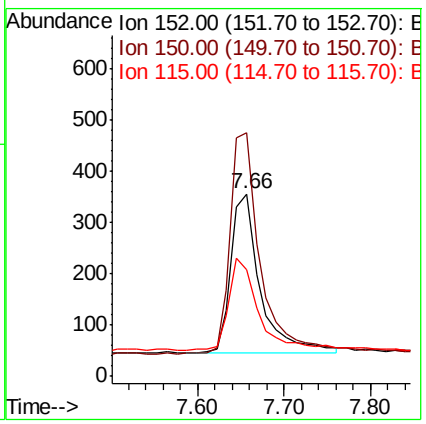


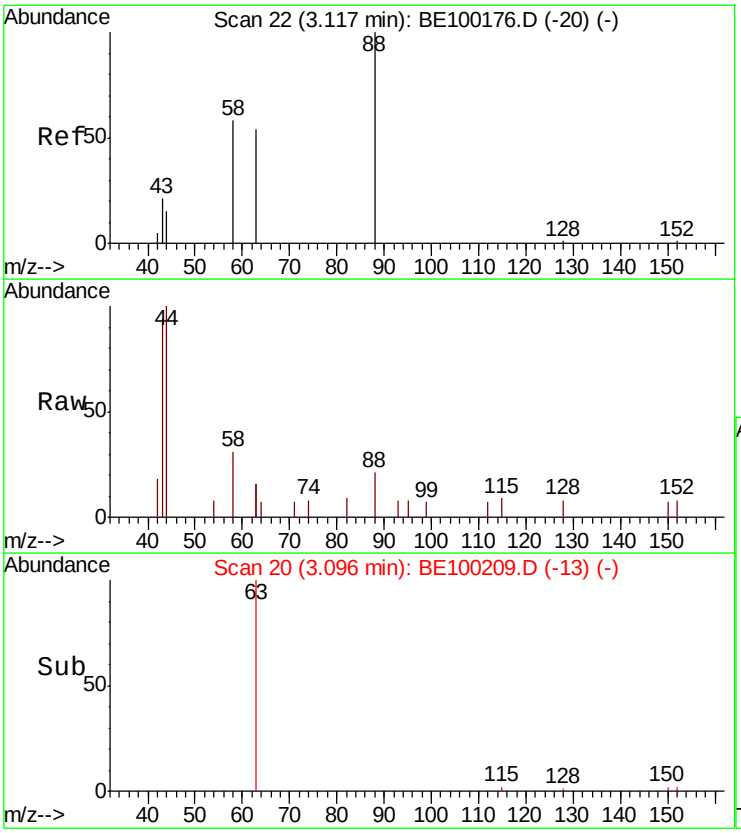
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 729

Ion	Ratio	Lower	Upper
152	100		
150	133.5	113.4	170.2
115	58.6	55.8	83.6

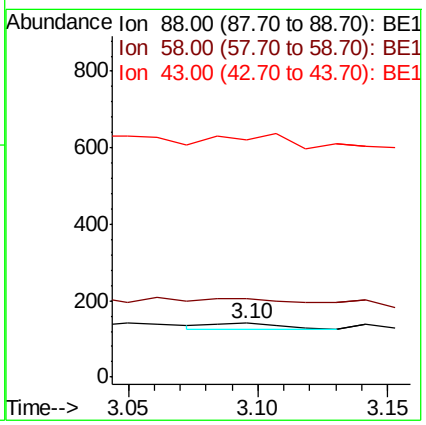


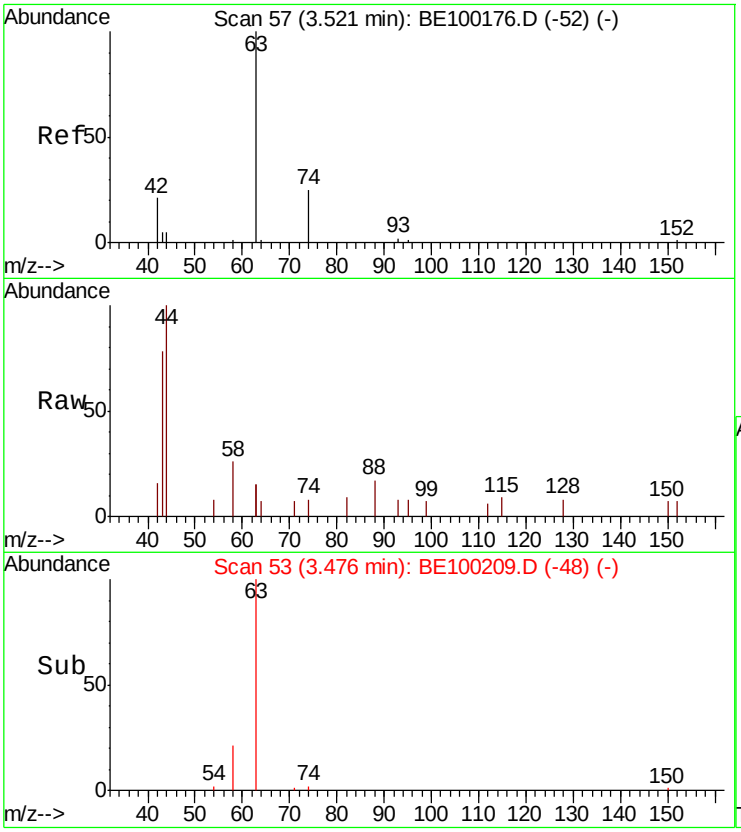


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.02 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion: 88 Resp: 28

Ion	Ratio	Lower	Upper
88	100		
58	0.0	43.8	65.6#
43	275.0	19.4	29.2#



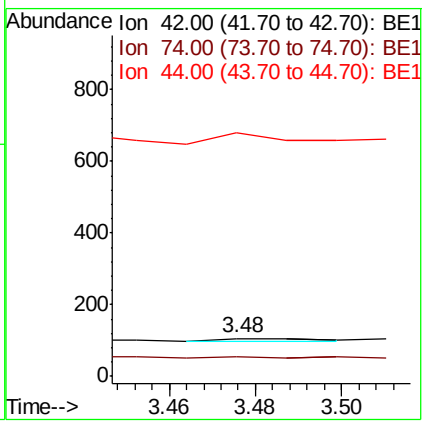


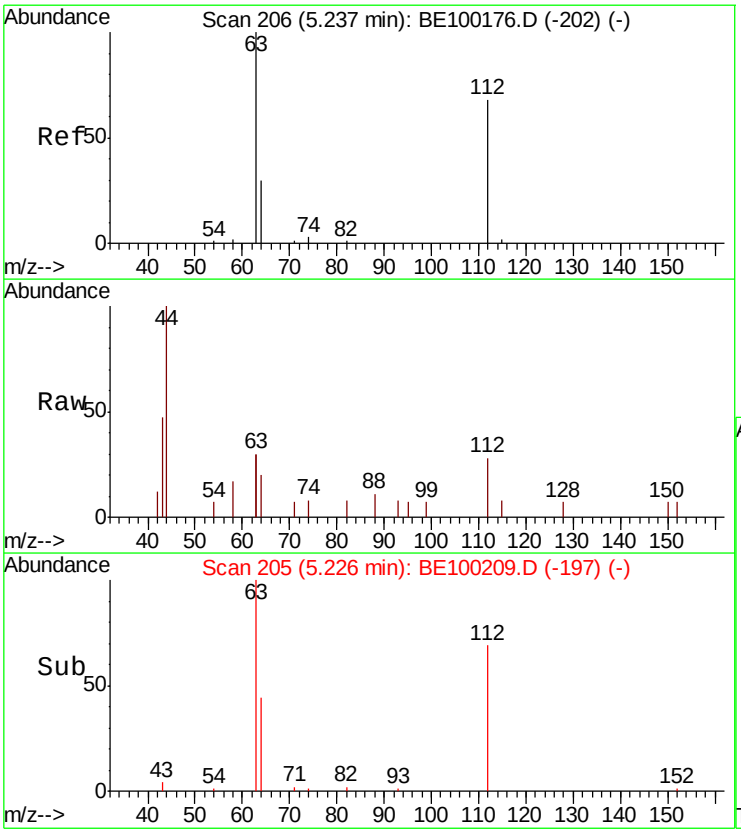
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.48 min Scan# 53
Delta R.T. -0.04 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	30.0	193.2	289.8#
44	370.0	114.5	171.7#

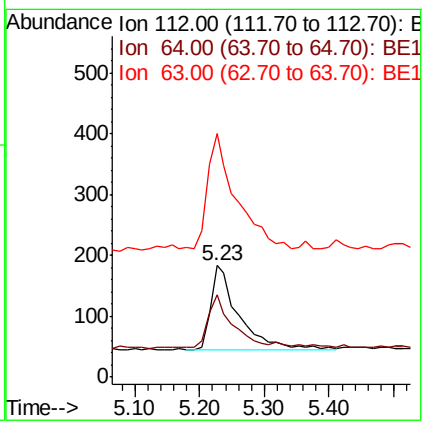


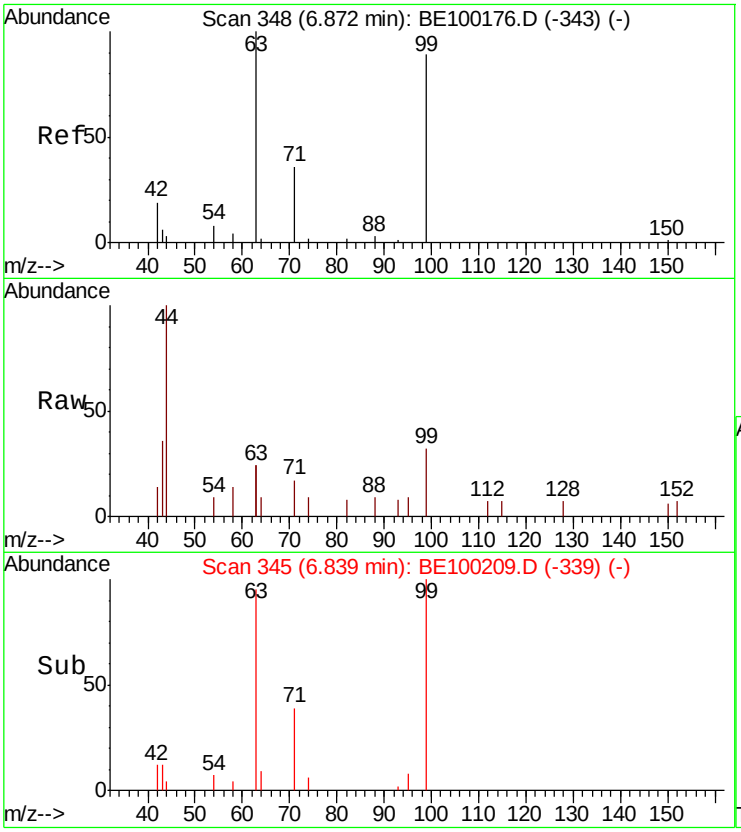


#4
2-Fluorophenol
Concen: 0.265 ng
RT: 5.23 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:112 Resp: 430

Ion	Ratio	Lower	Upper
112	100		
64	55.6	40.7	61.1
63	131.4	93.2	139.8



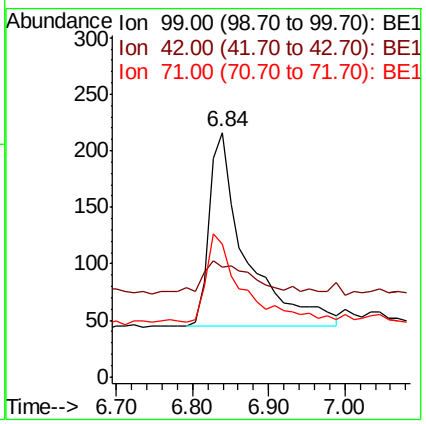


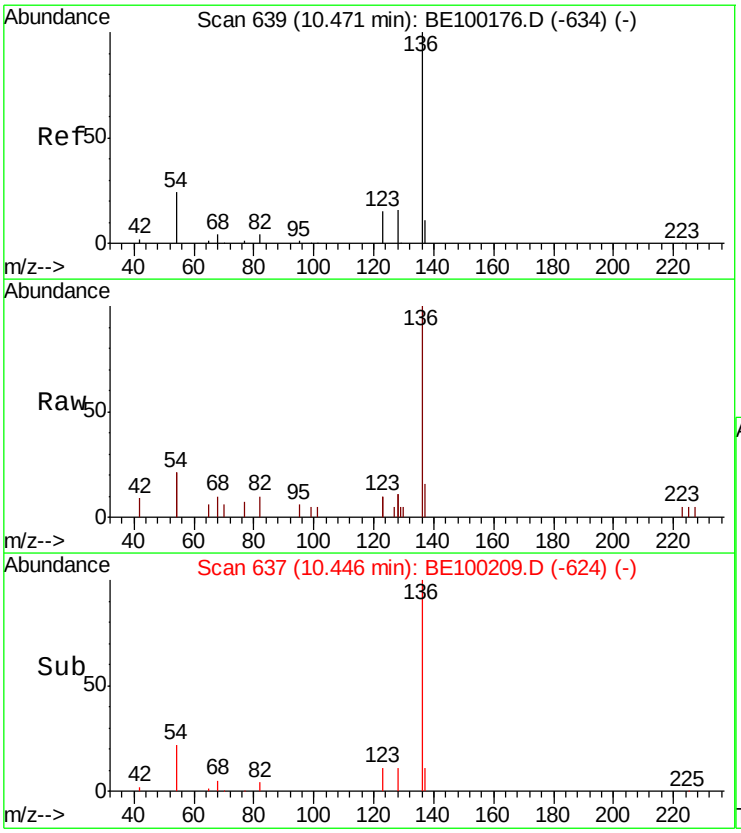
#5
Phenol-d6
Concen: 0.255 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 568

Ion	Ratio	Lower	Upper
99	100		
42	18.7	10.4	15.6#
71	46.0	32.4	48.6

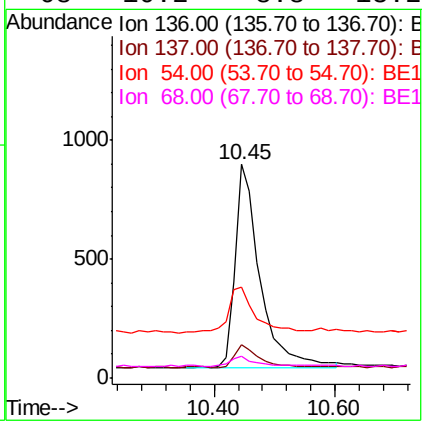


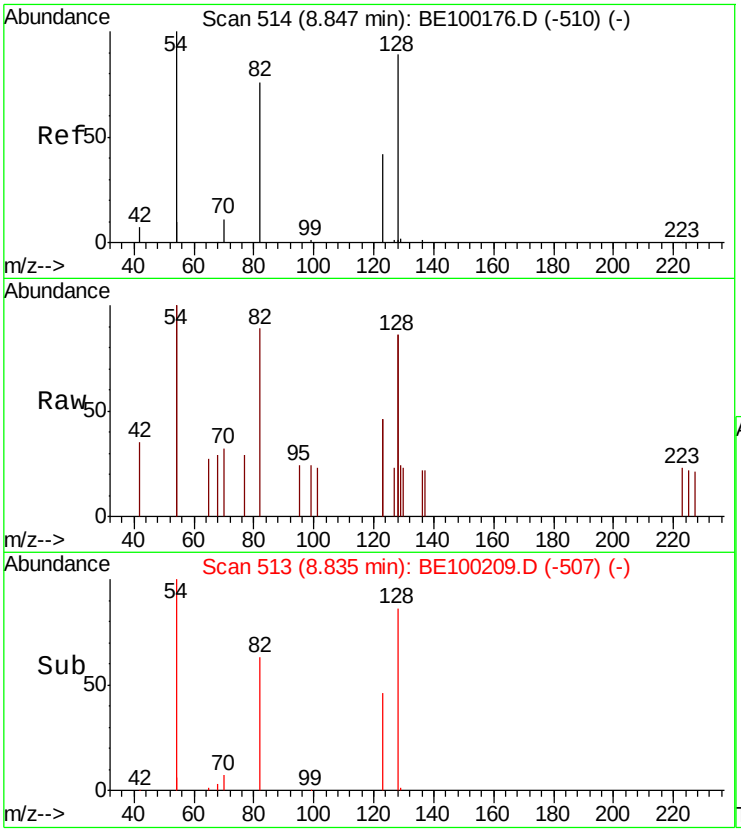


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:136 Resp: 2434

Ion	Ratio	Lower	Upper
136	100		
137	15.8	13.8	20.8
54	42.5	35.4	53.2
68	10.2	8.8	13.2



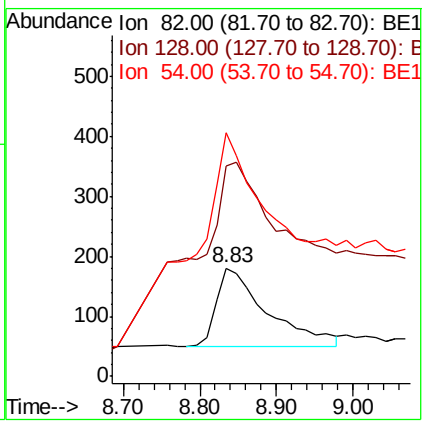


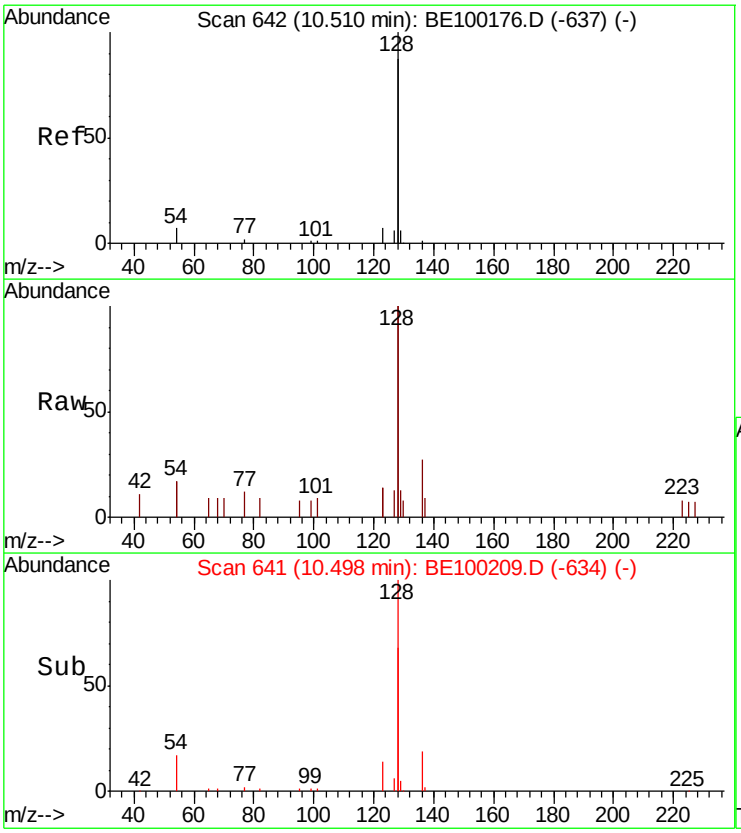
#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.83 min Scan# 513
Delta R.T. -0.01 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 606

Ion	Ratio	Lower	Upper
82	100		
128	194.4	144.6	217.0
54	225.6	163.0	244.6

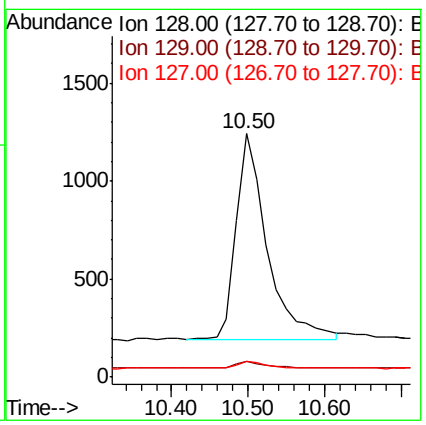


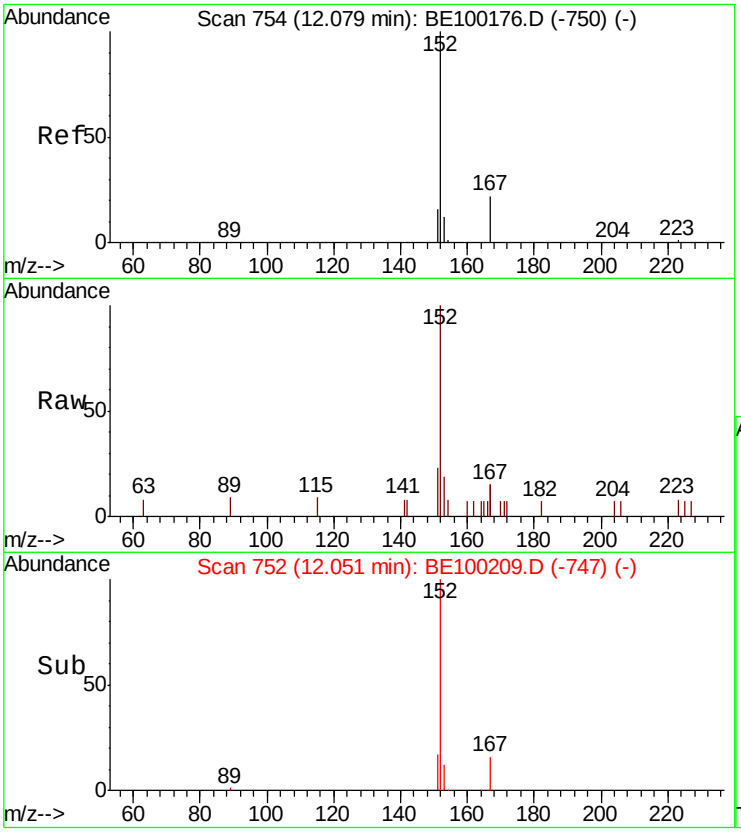


#9
Naphthalene
Concen: 0.111 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:128 Resp: 2960

Ion	Ratio	Lower	Upper
128	100		
129	6.5	3.6	5.4#
127	6.7	3.8	5.8#



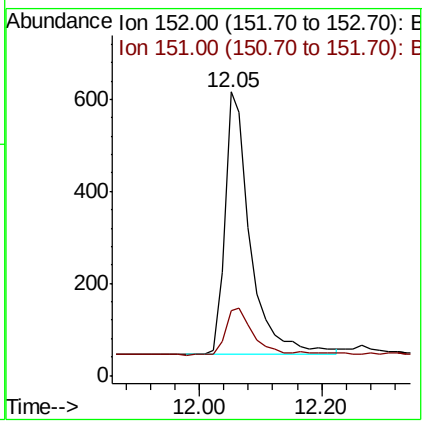


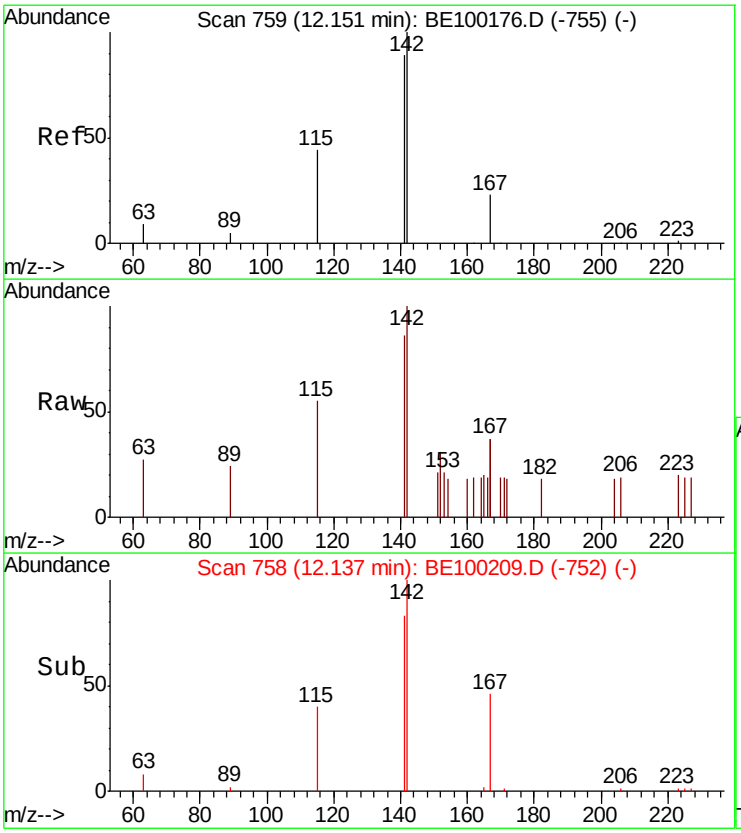
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1682

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5

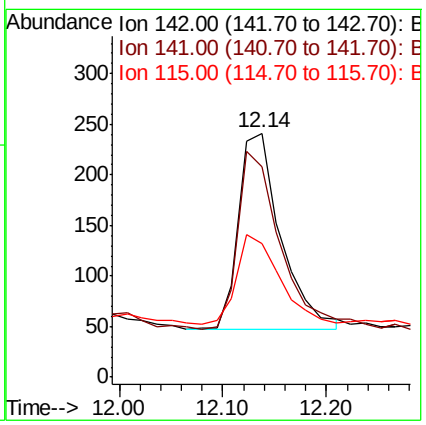


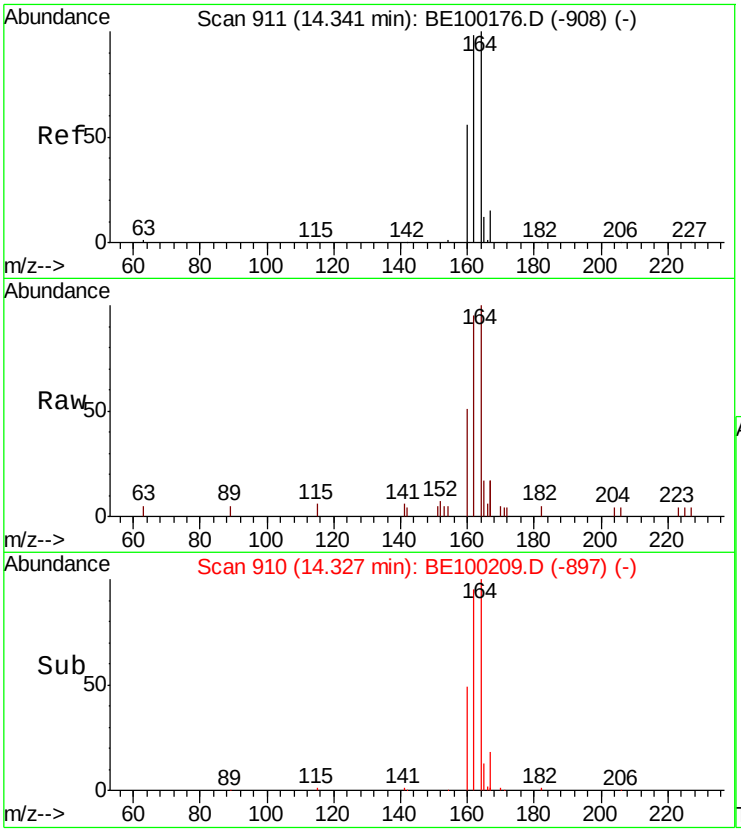


#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:142 Resp: 545

Ion	Ratio	Lower	Upper
142	100		
141	86.3	71.8	107.8
115	54.8	40.4	60.6



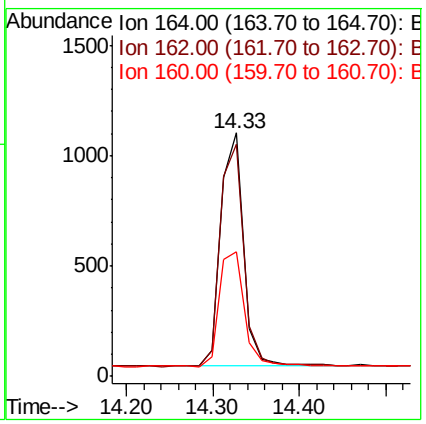


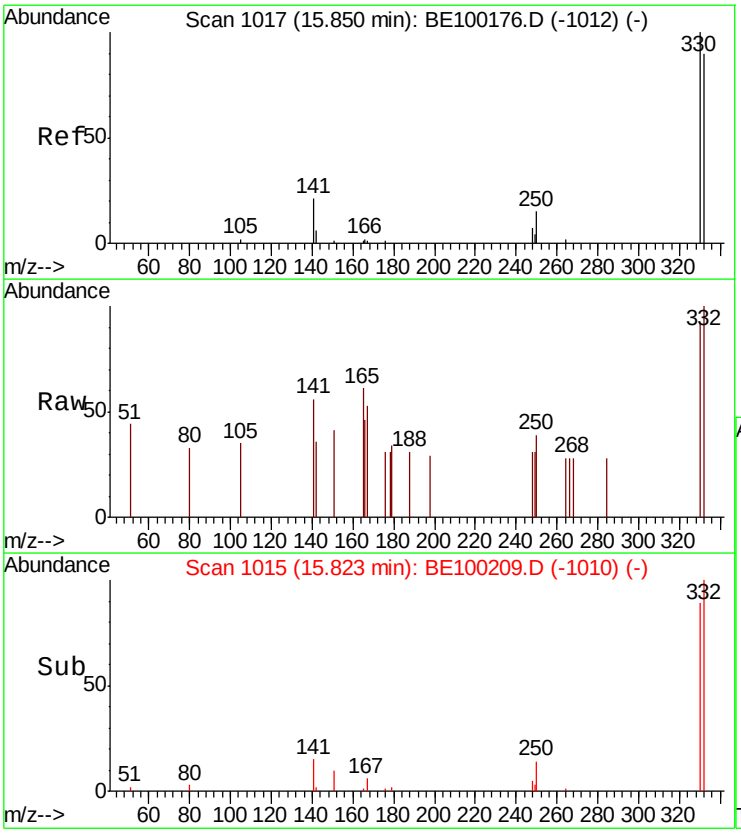
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1941

Ion	Ratio	Lower	Upper
164	100		
162	95.4	78.6	118.0
160	51.2	46.9	70.3

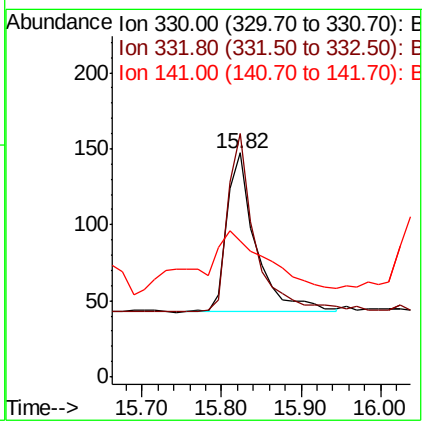


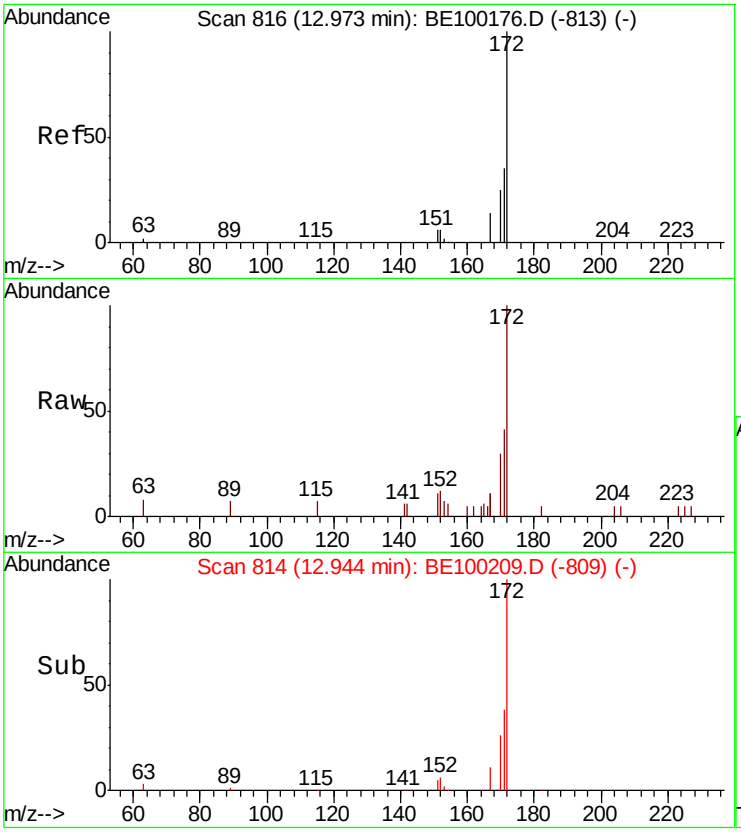


#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:330 Resp: 264

Ion	Ratio	Lower	Upper
330	100		
332	107.6	77.7	116.5
141	58.0	18.9	28.3#



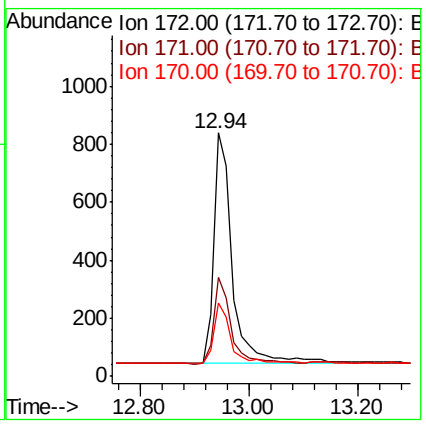


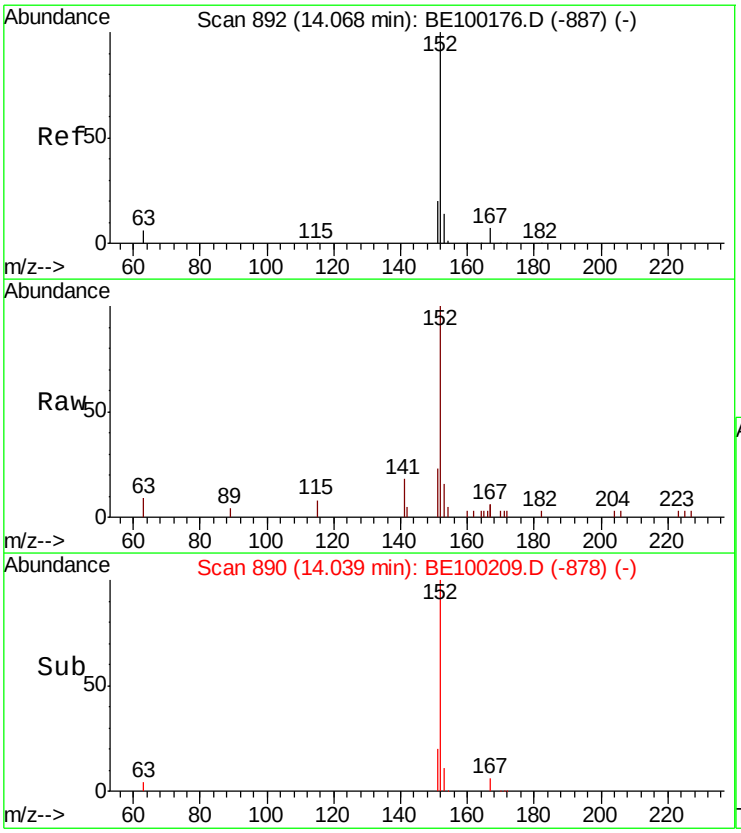
#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1915

Ion	Ratio	Lower	Upper
172	100		
171	40.9	31.0	46.4
170	30.3	23.9	35.9

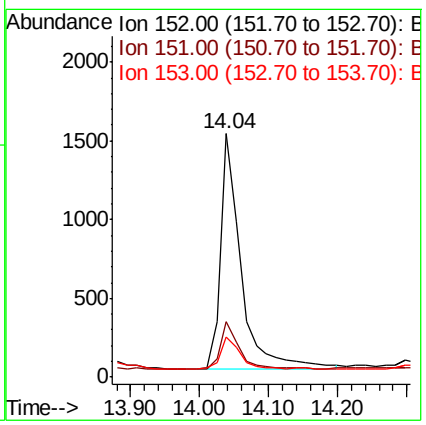


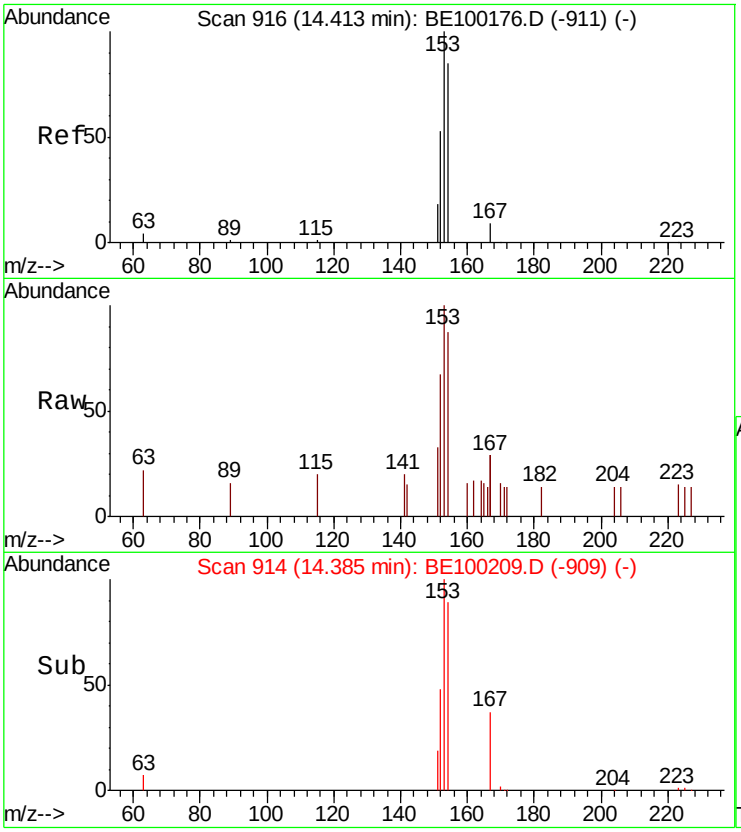


#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:152 Resp: 3108

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0
153	13.4	10.8	16.2



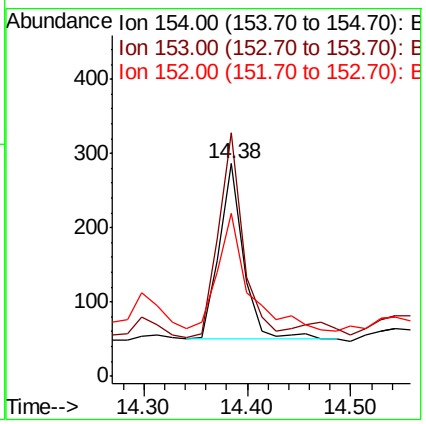


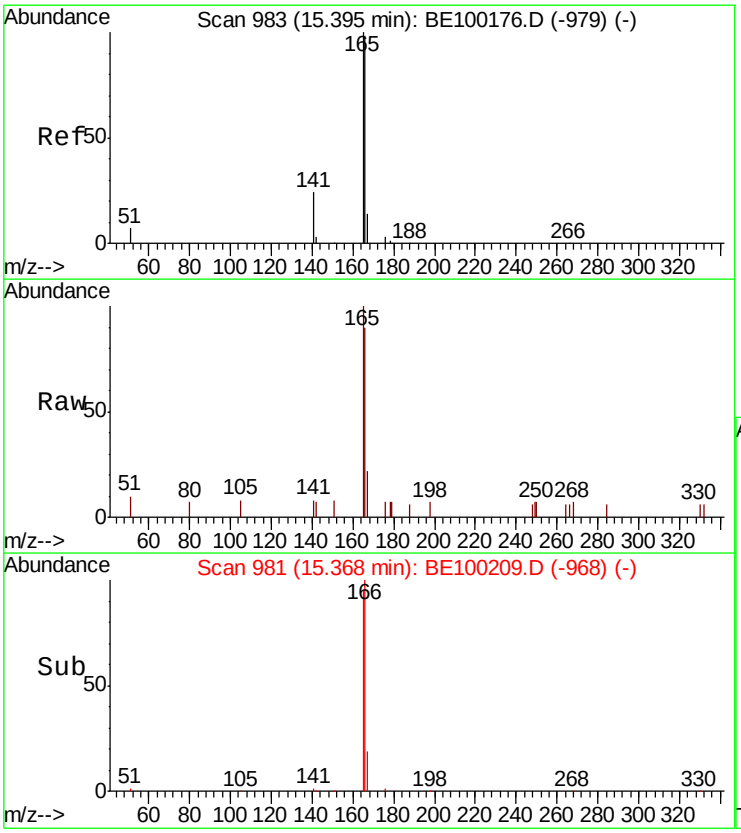
#17
Acenaphthene
Concen: 0.073 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 386

Ion	Ratio	Lower	Upper
154	100		
153	122.3	95.3	142.9
152	87.3	52.9	79.3#

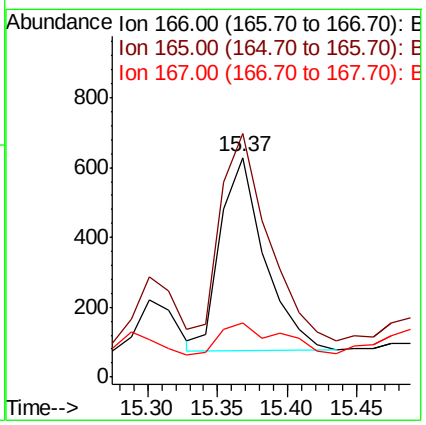


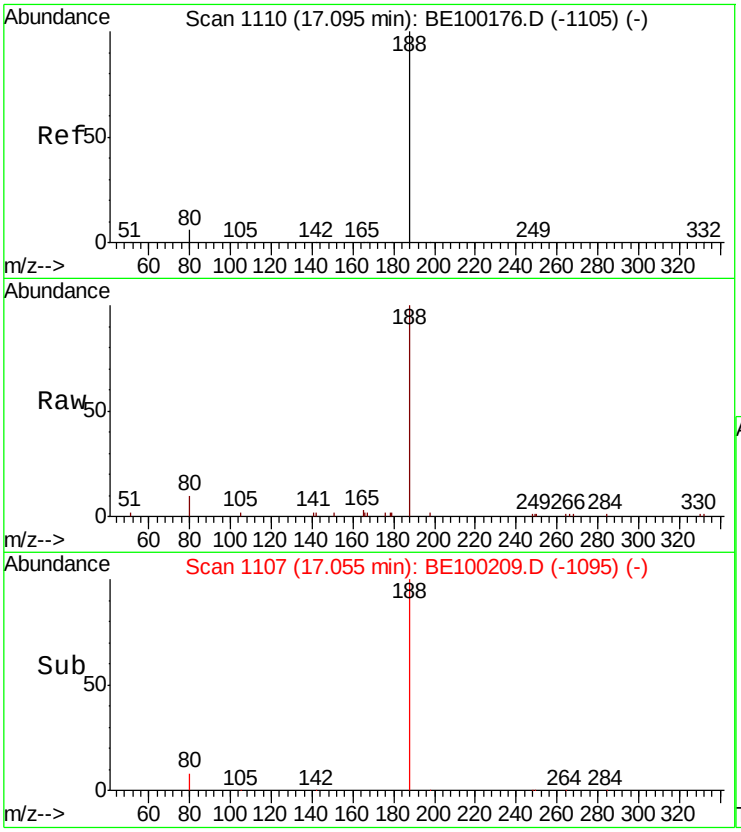


#18
Fluorene
Concen: 0.158 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:166 Resp: 1210

Ion	Ratio	Lower	Upper
166	100		
165	117.0	81.0	121.4
167	23.1	11.4	17.0#



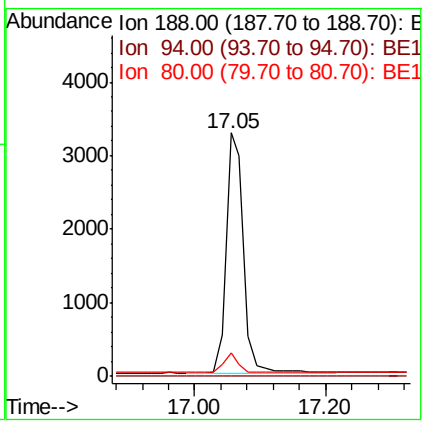


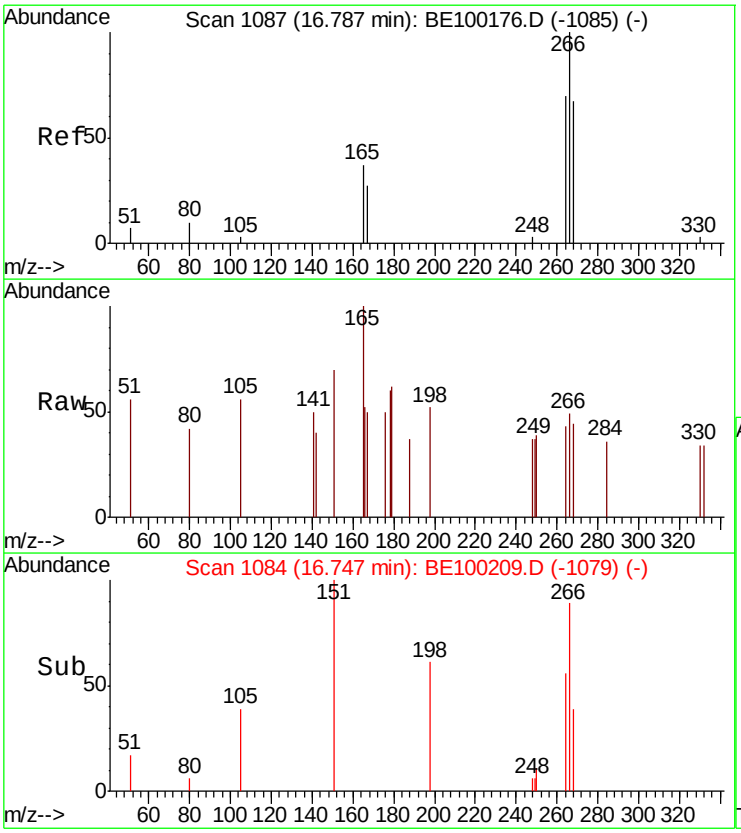
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.04 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6089

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	6.4	9.6#

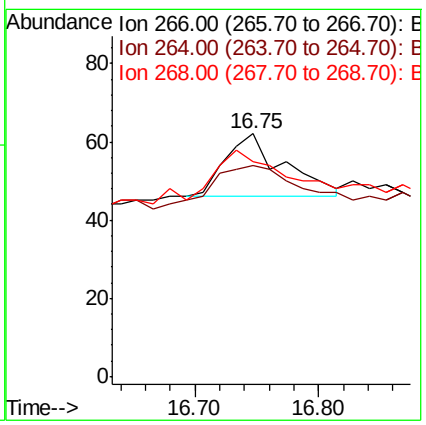


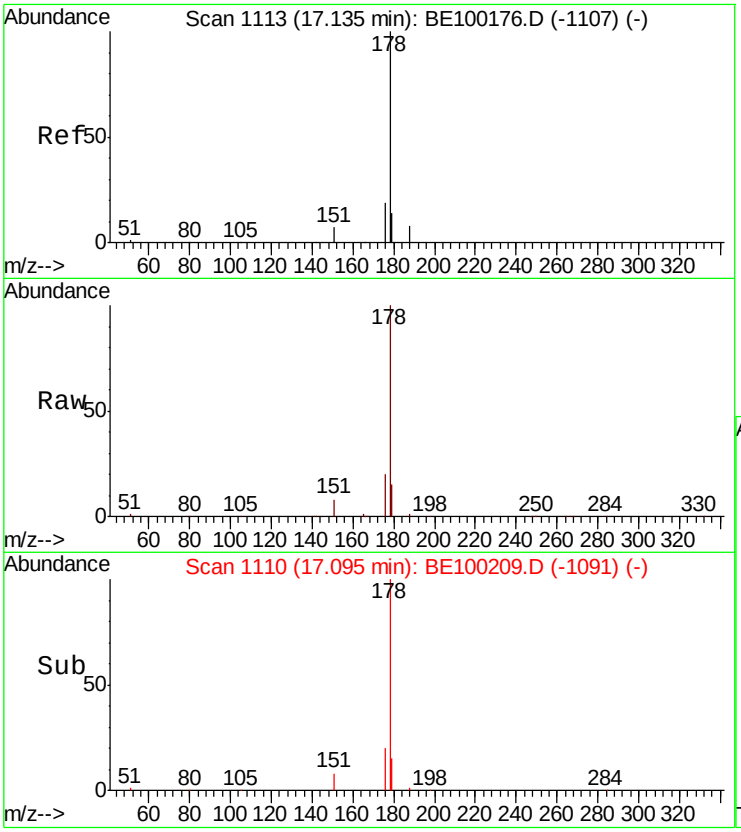


#22
Pentachlorophenol
Concen: 0.309 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.04 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
264	87.1	67.7	101.5
268	88.7	69.8	104.6



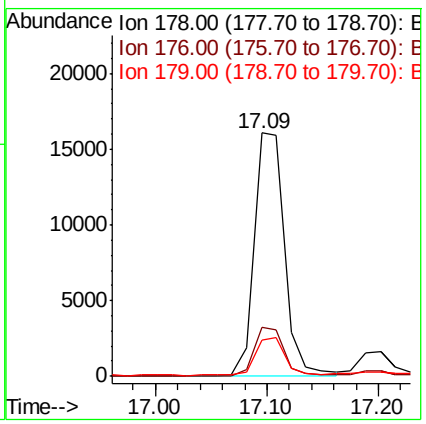


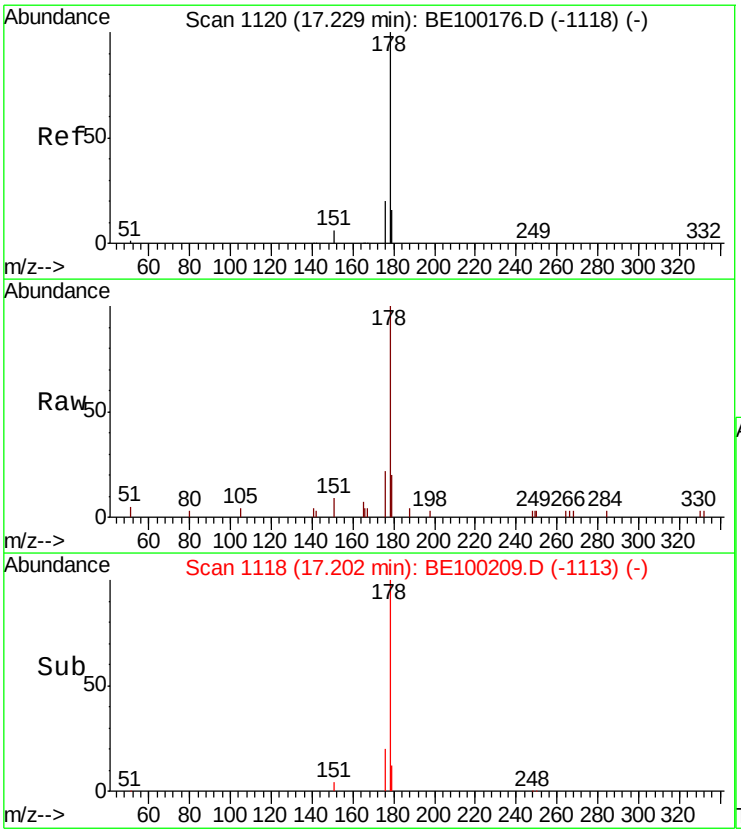
#23
Phenanthrene
Concen: 2.095 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.04 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 30220

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.4	12.2	18.2

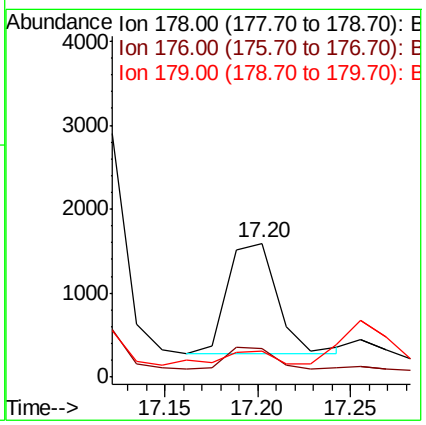


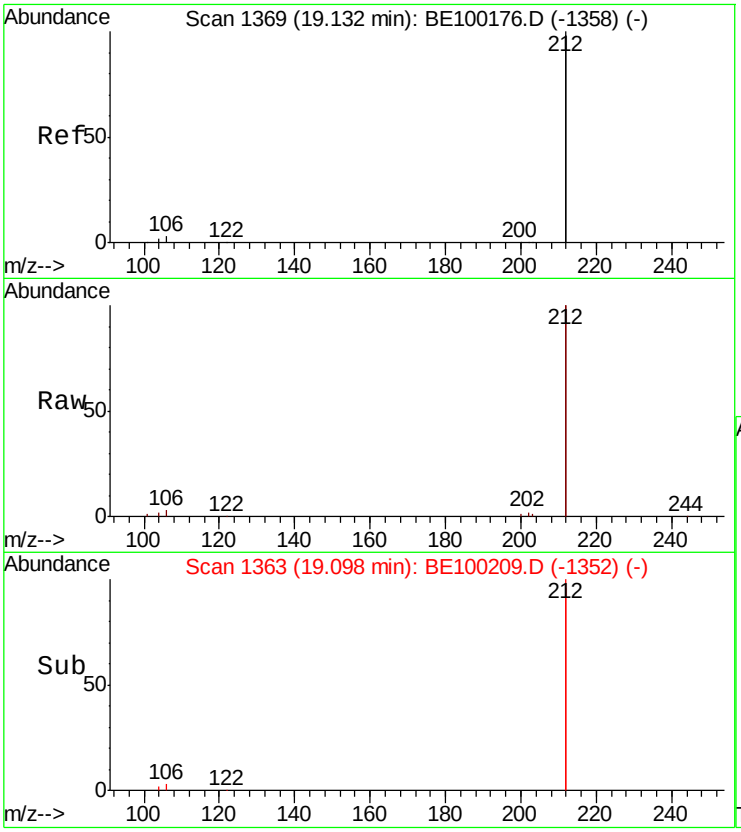


#24
Anthracene
Concen: 0.200 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:178 Resp: 2431

Ion	Ratio	Lower	Upper
178	100		
176	24.1	15.7	23.5#
179	12.9	12.9	19.3#



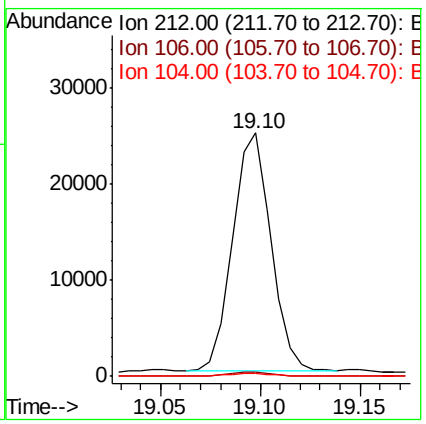


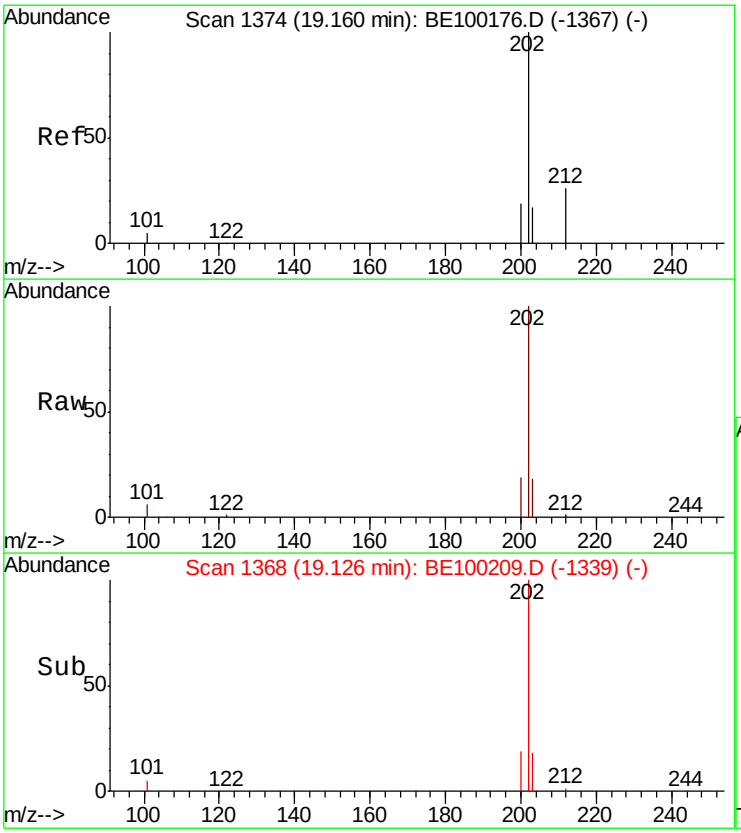
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 32633

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.0	0.7	1.1

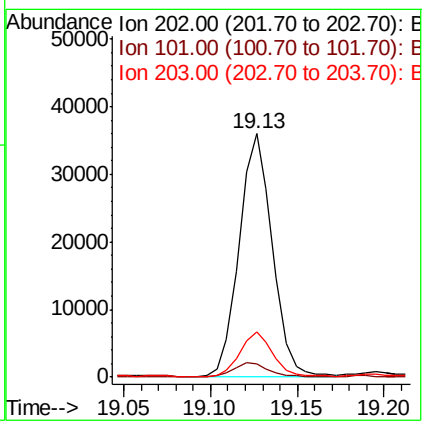


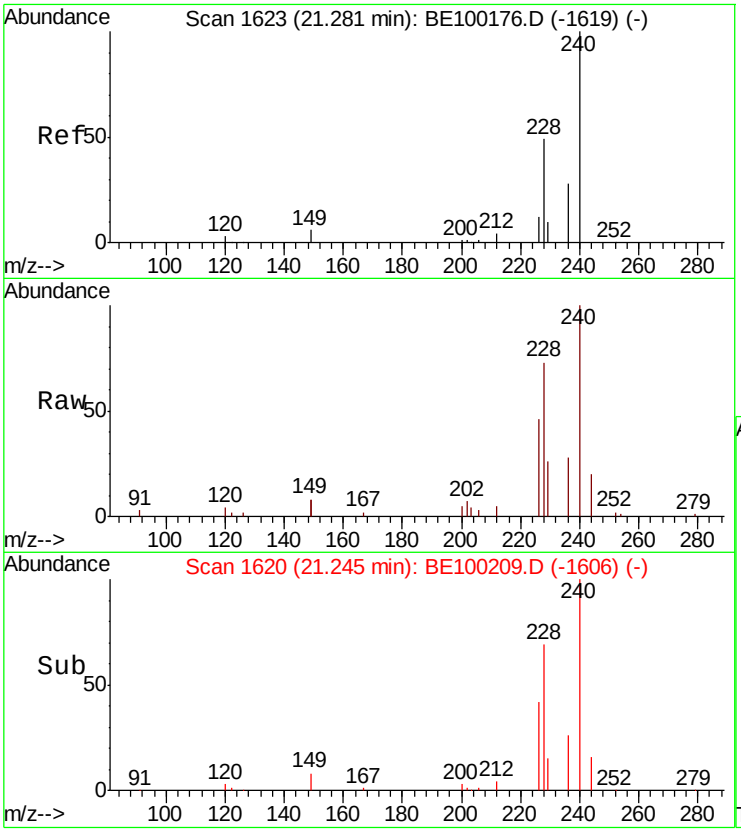


#26
Fluoranthene
Concen: 2.030 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:202 Resp: 47637

Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.5	6.7
203	17.8	13.7	20.5



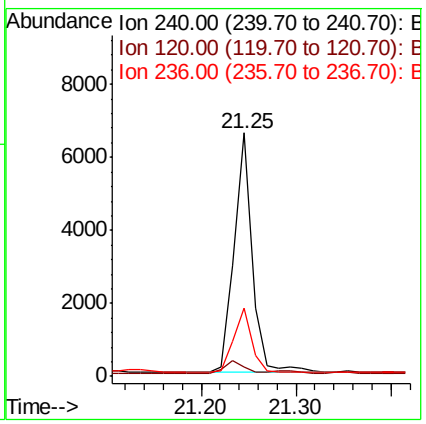


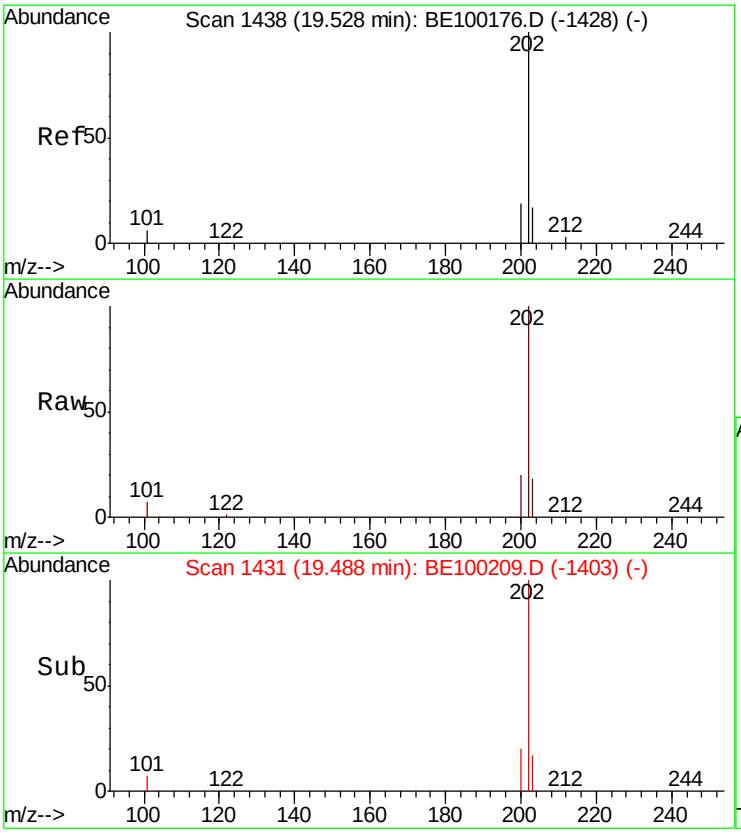
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8783

Ion	Ratio	Lower	Upper
240	100		
120	3.9	4.1	6.1#
236	27.8	23.0	34.6

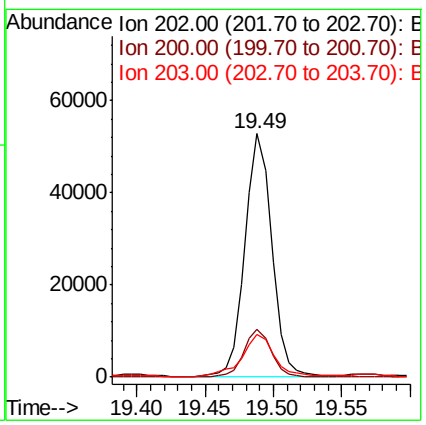


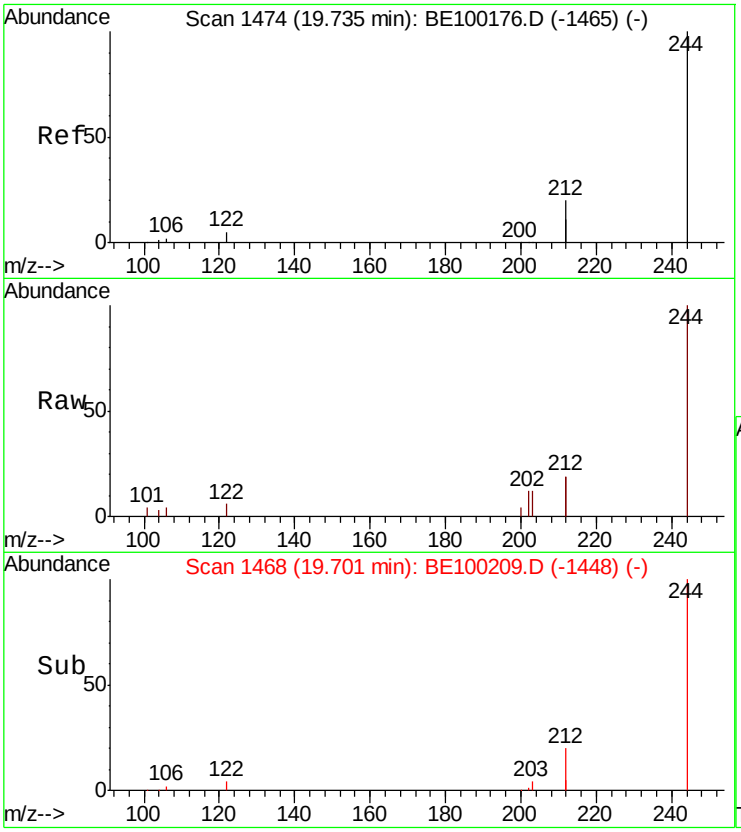


#28
Pyrene
Concen: 3.164 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:202 Resp: 71174

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.5	23.3
203	20.5	13.9	20.9



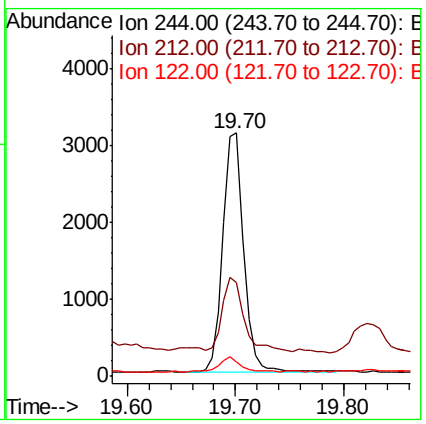


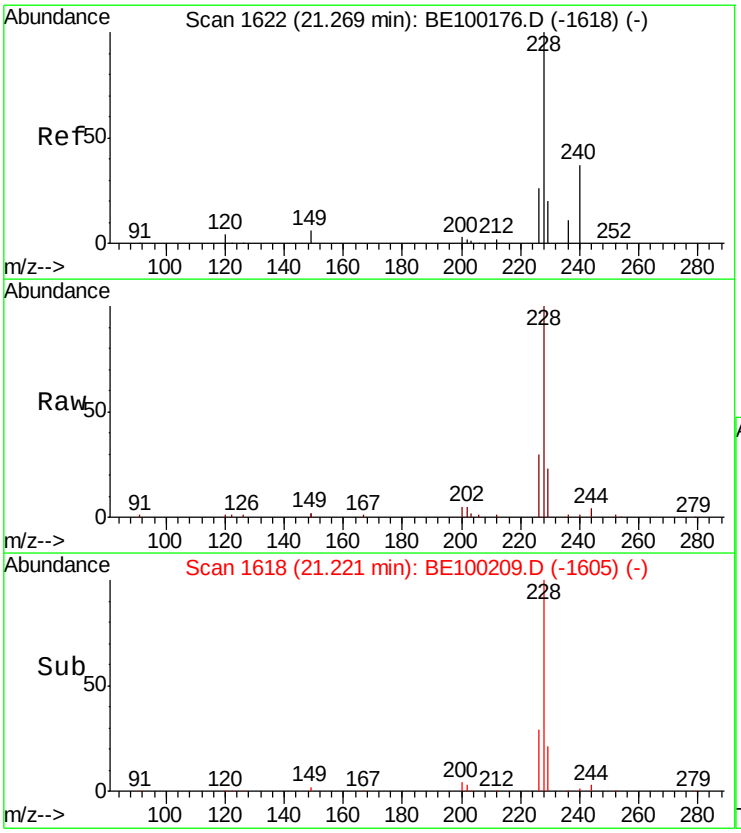
#29
Terphenyl-d14
Concen: 0.241 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4150

Ion	Ratio	Lower	Upper
244	100		
212	38.4	30.7	46.1
122	6.0	5.8	8.6

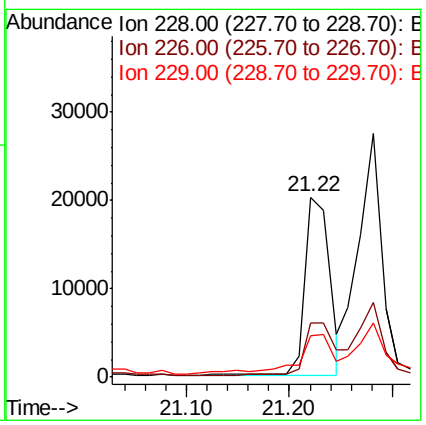


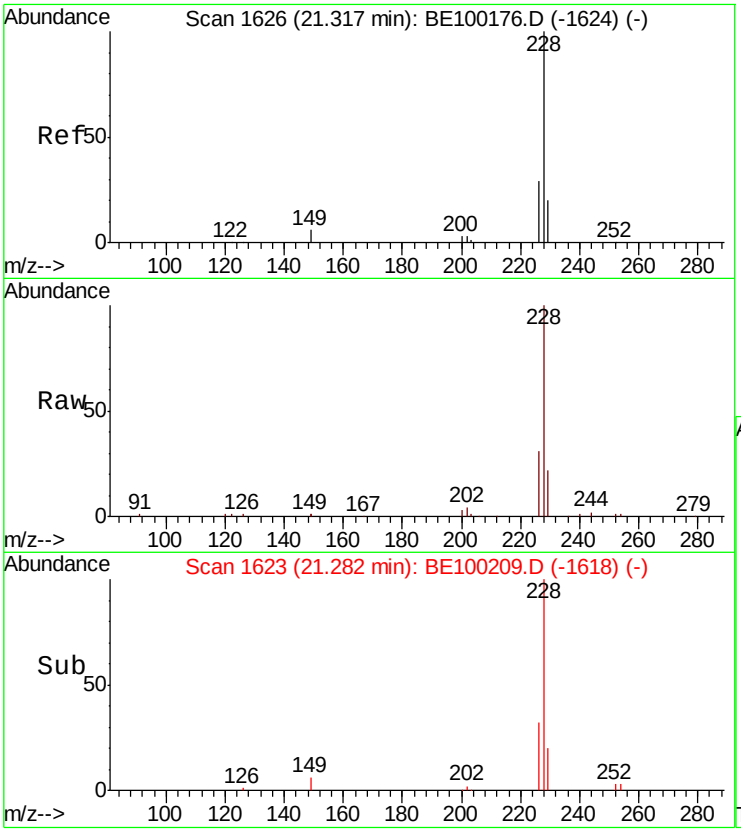


#30
Benzo(a)anthracene
Concen: 1.314 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.05 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:228 Resp: 34031

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.5	32.3
229	23.1	17.2	25.8



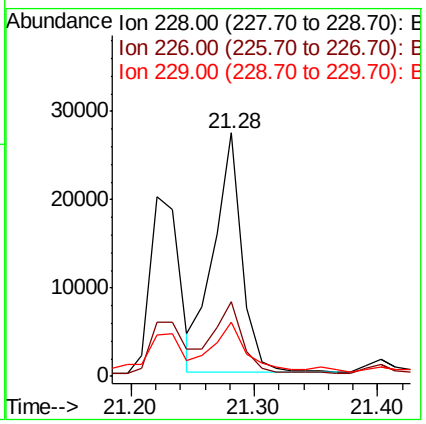


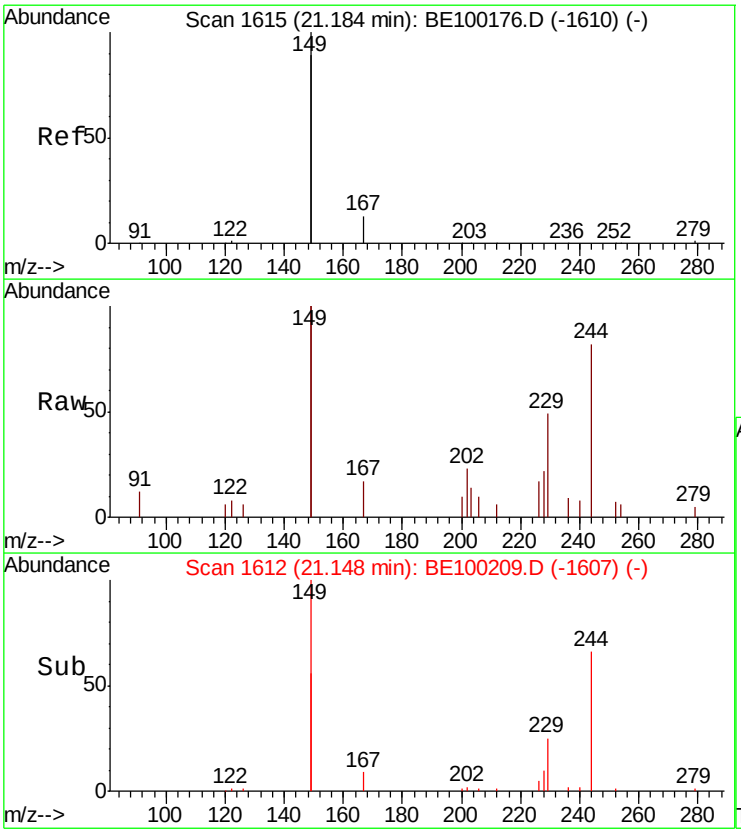
#31
Chrysene
Concen: 1.406 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 42697

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.7	35.5
229	22.4	16.5	24.7

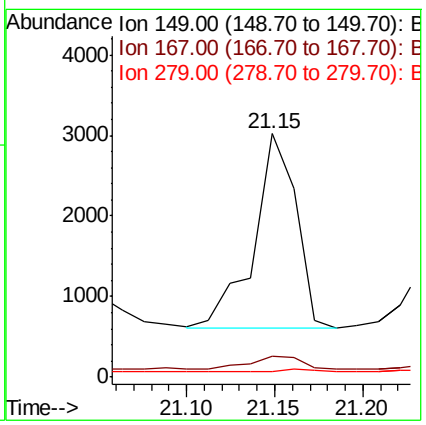


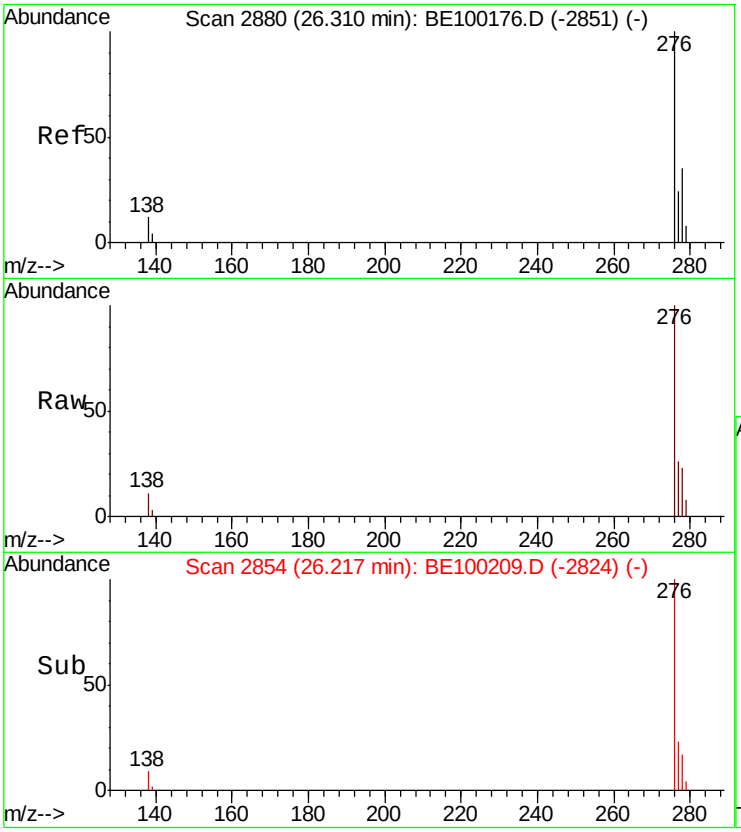


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.134 ng
RT: 21.15 min Scan# 1612
Delta R.T. -0.04 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:149 Resp: 3995

Ion	Ratio	Lower	Upper
149	100		
167	8.8	5.9	8.9
279	1.5	1.0	1.6



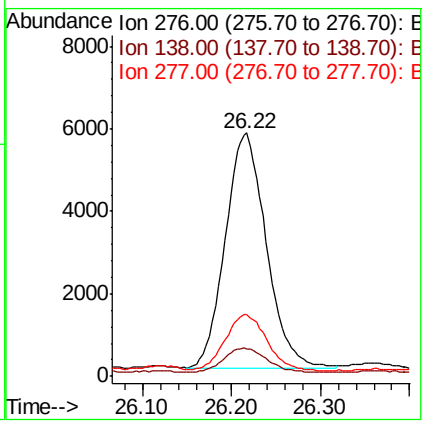


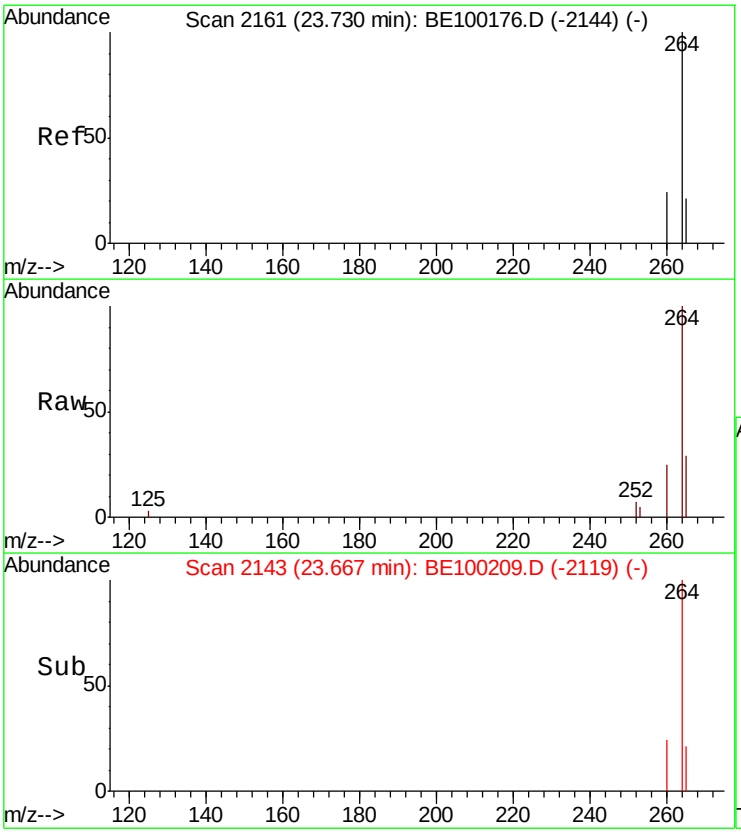
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng
RT: 26.22 min Scan# 2854
Delta R.T. -0.09 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 18248

Ion	Ratio	Lower	Upper
276	100		
138	11.0	3.7	5.5#
277	24.0	18.7	28.1

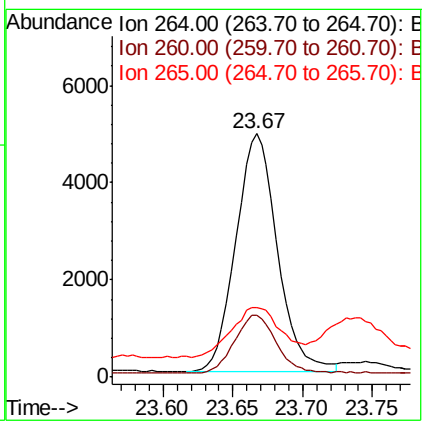


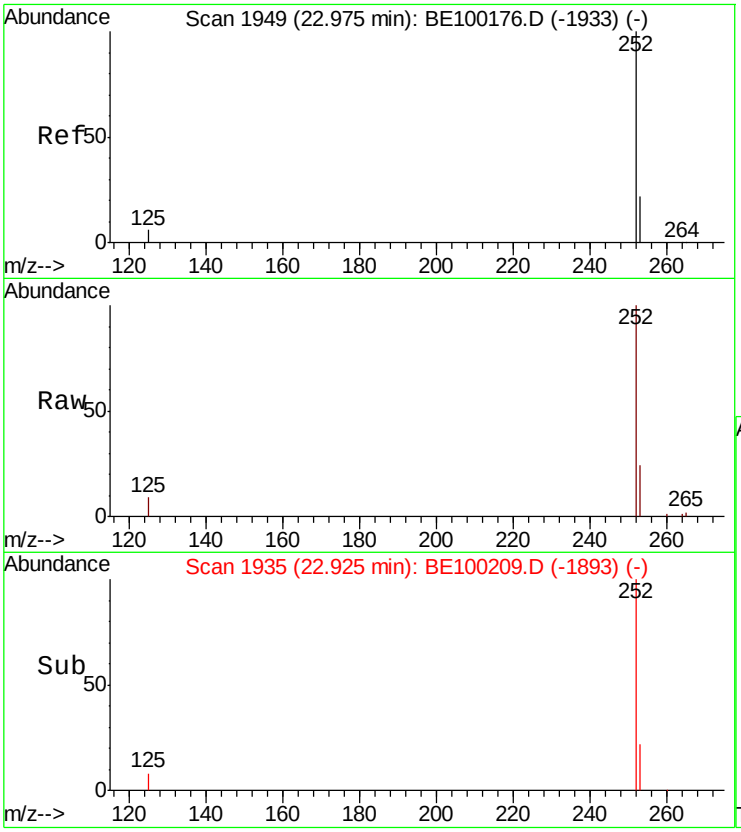


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:264 Resp: 10173

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	28.8	22.5	33.7



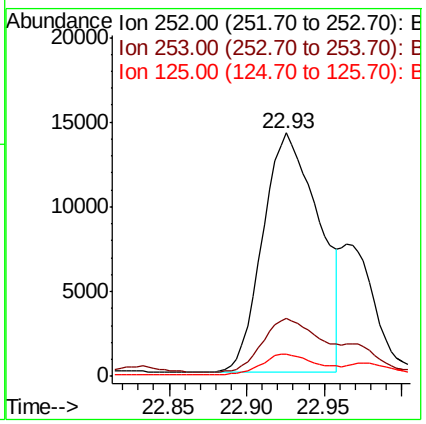


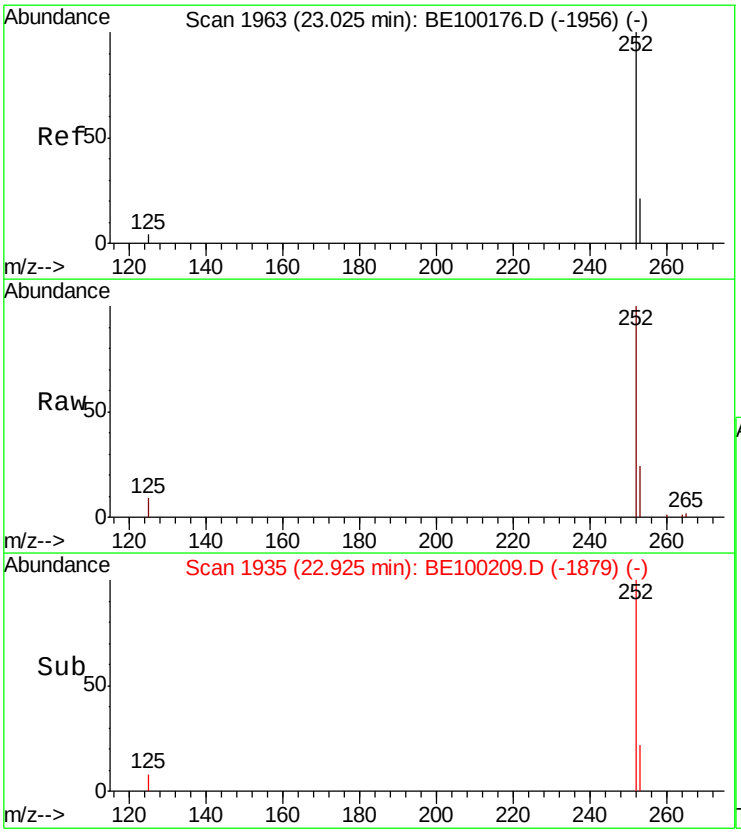
#35
Benzo(b)fluoranthene
Concen: 1.305 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.05 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35709

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	9.1	6.3	9.5

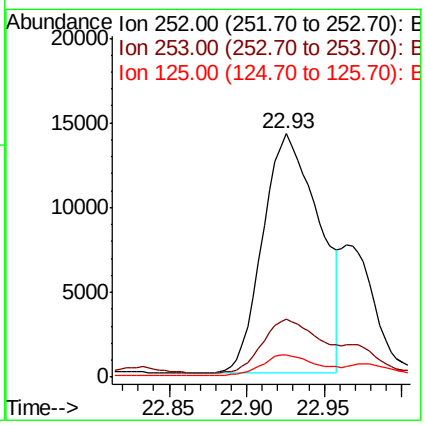


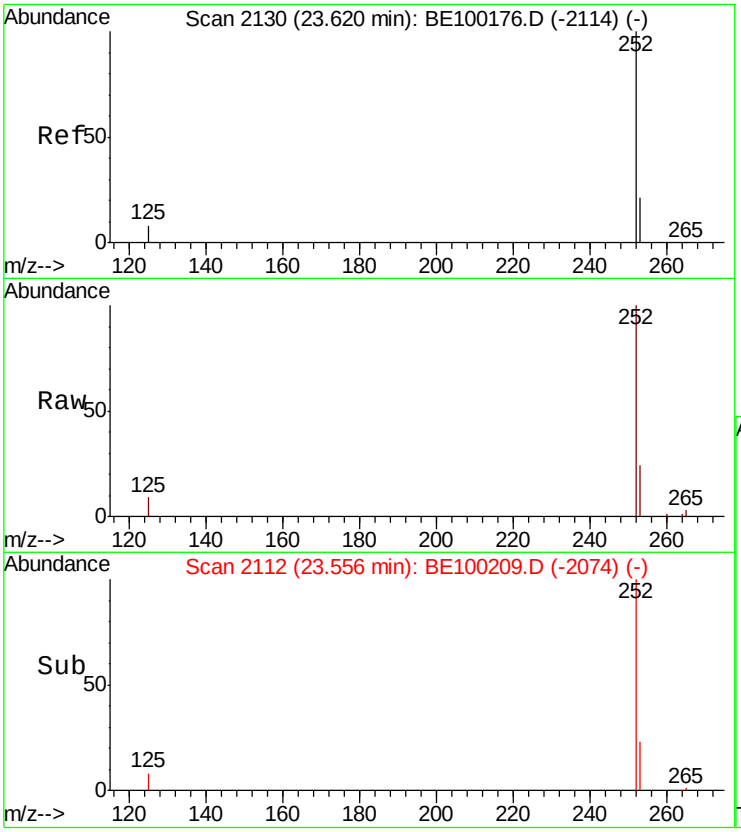


#36
Benzo(k)fluoranthene
Concen: 1.091 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.10 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:252 Resp: 35709

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	9.1	5.0	7.4#



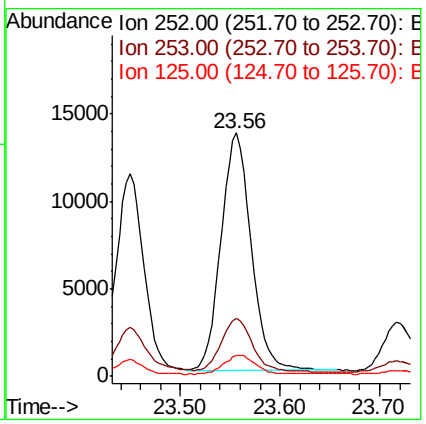


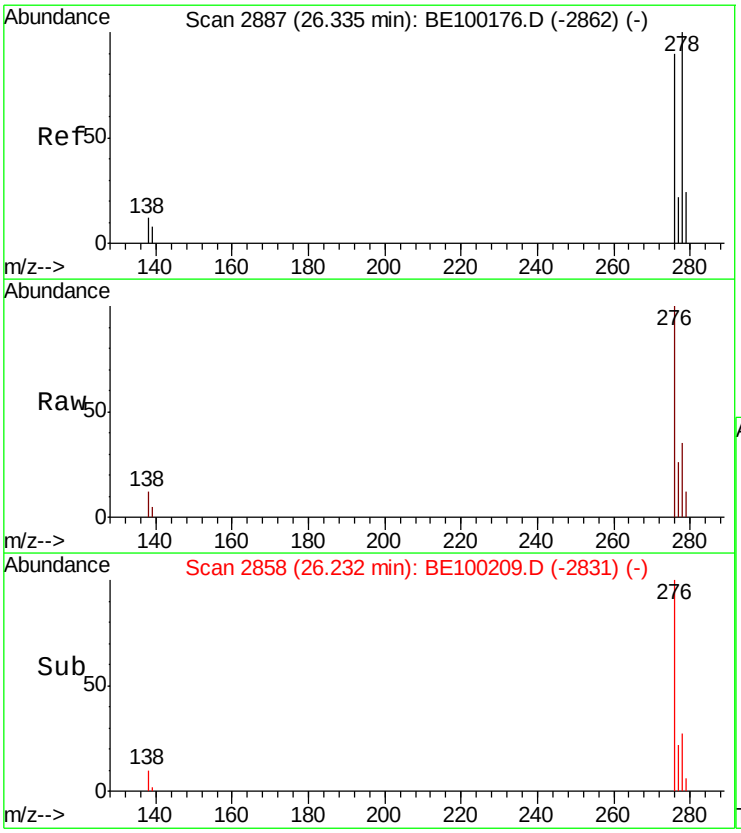
#37
Benzo(a)pyrene
Concen: 1.012 ng
RT: 23.56 min Scan# 2112
Delta R.T. -0.06 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28698

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	8.7	8.2	12.2

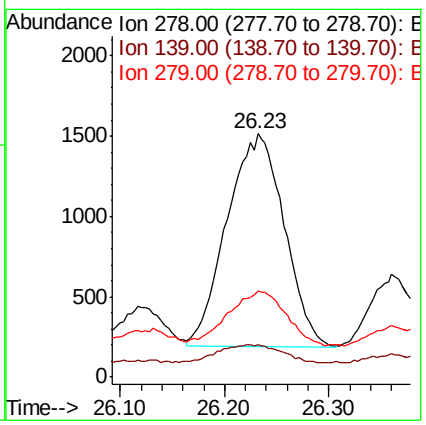


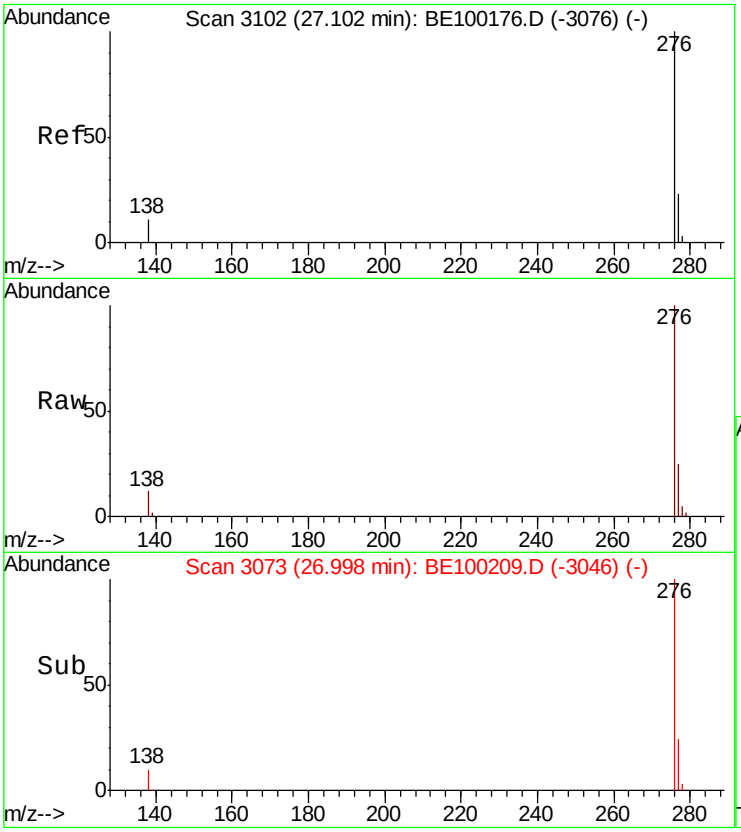


#38
Dibenzo(a,h)anthracene
Concen: 0.167 ng
RT: 26.23 min Scan# 2858
Delta R.T. -0.10 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Tgt Ion:278 Resp: 5059

Ion	Ratio	Lower	Upper
278	100		
139	13.3	9.0	13.4
279	35.6	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.668 ng
RT: 27.00 min Scan# 3073
Delta R.T. -0.10 min
Lab File: BE100209.D
Acq: 27 Jun 2019 17:53

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21145

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.6
138	11.7	10.2	15.4