Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100222.D
Acq On : 28 Jun 2019 1:41
Operator : JU/SJ
Sample : K3428-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 05:39:14 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	7.64	152	1016	0.40	ng		-0.02
7) Naphthalene-d8	10.45	136	3686	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	2827	0.40	ng		-0.01
19) Phenanthrene-d10	17.07	188	7661	0.40	ng		-0.03
27) Chrysene-d12	21.24	240	10644	0.40	ng		-0.04
34) Perylene-d12	23.68	264	11883	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	787	0.35	ng		-0.01
5) Phenol-d6	6.83	99	1111	0.36	ng		-0.05
8) Nitrobenzene-d5	8.81	82	1136	0.31	ng		-0.04
11) 2-Methylnaphthalene-d10	12.05	152	2712	0.39	ng		-0.03
14) 2,4,6-Tribromophenol	15.81	330	596	0.36	ng		-0.04
15) 2-Fluorobiphenyl	12.94	172	2908	0.26	ng		-0.03
25) Fluoranthene-d10	19.10	212	39074	0.35	ng		-0.03
29) Terphenyl-d14	19.70	244	4565	0.22	ng		-0.03
Target Compounds							Qvalue
9) Naphthalene	10.50	128	7219	0.179	ng		99
12) 2-Methylnaphthalene	12.12	142	1210	0.187	ng		97
16) Acenaphthylene	14.04	152	7786	0.565	ng		98
17) Acenaphthene	14.38	154	1362	0.176	ng		98
18) Fluorene	15.37	166	3693	0.331	ng	#	90
22) Pentachlorophenol	16.72	266	92	0.324	ng		98
23) Phenanthrene	17.11	178	85078	4.688	ng		100
24) Anthracene	17.20	178	14410	0.940	ng		98
26) Fluoranthene	19.13	202	273686	9.271	ng		99
28) Pyrene	19.49	202	272940	10.013	ng	#	95
30) Benzo(a)anthracene	21.23	228	232587	7.412	ng		98
31) Chrysene	21.28	228	231379	6.286	ng		97
32) Bis(2-ethylhexyl)phthalate	21.16	149	153300	4.250	ng		100
33) Indeno(1,2,3-cd)pyrene	26.24	276	173429	3.310	ng	#	96
35) Benzo(b)fluoranthene	22.93	252	318689	9.971	ng	#	97
36) Benzo(k)fluoranthene	22.93	252	318689	8.333	ng		99
37) Benzo(a)pyrene	23.57	252	224456	6.778	ng	#	94
38) Dibenzo(a,h)anthracene	26.25	278	44034	1.243	ng	#	96
39) Benzo(g,h,i)perylene	27.03	276	174602	4.721	ng	#	97

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

Quantitation Report (Not Reviewed)

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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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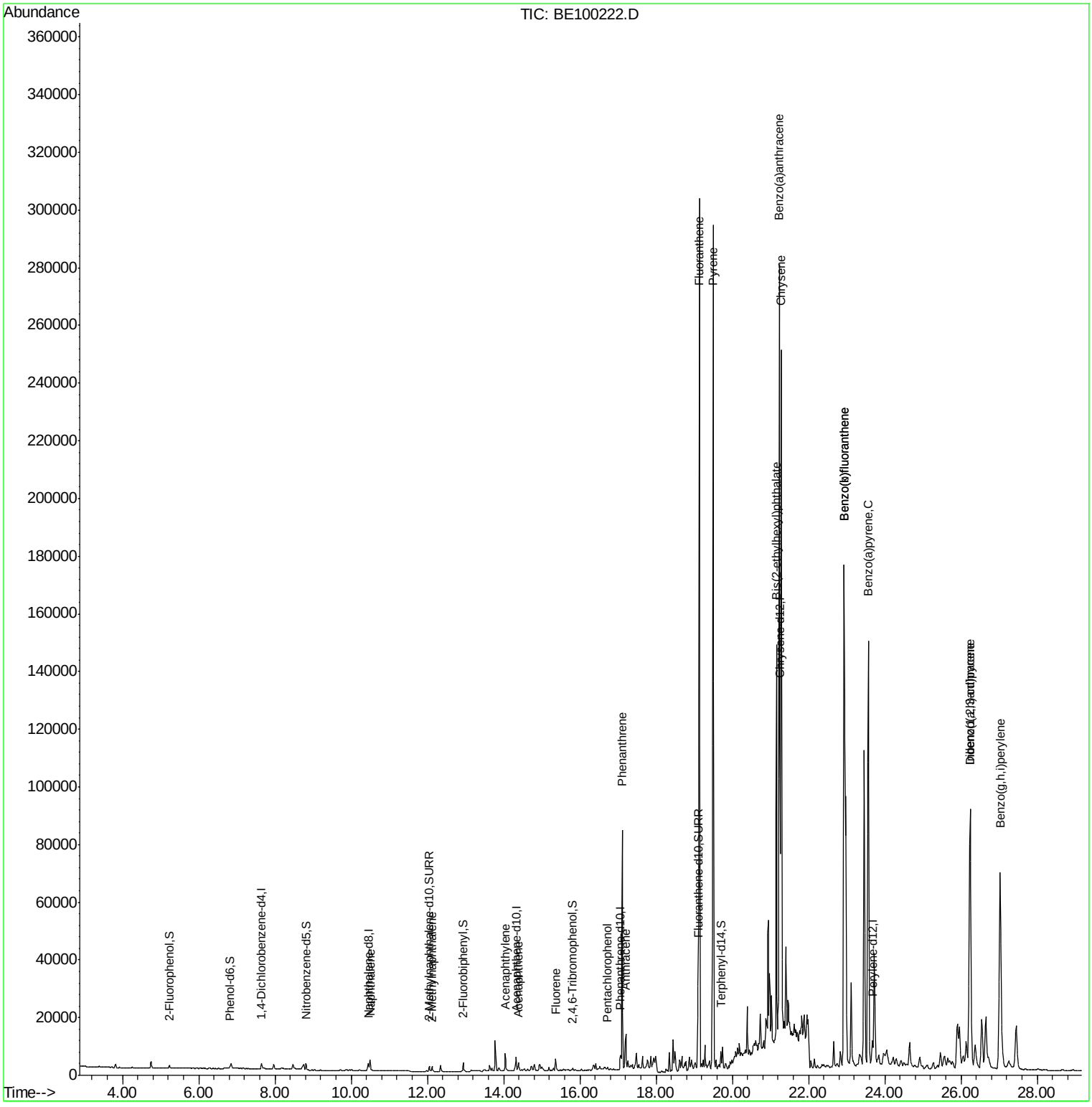
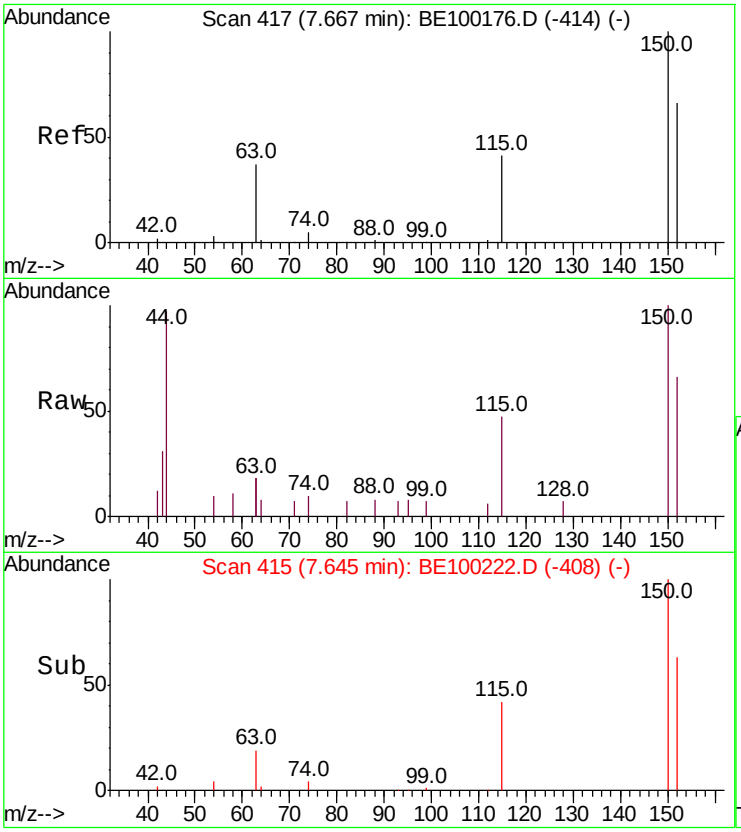


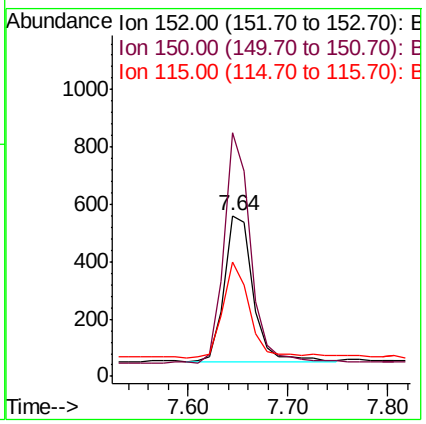


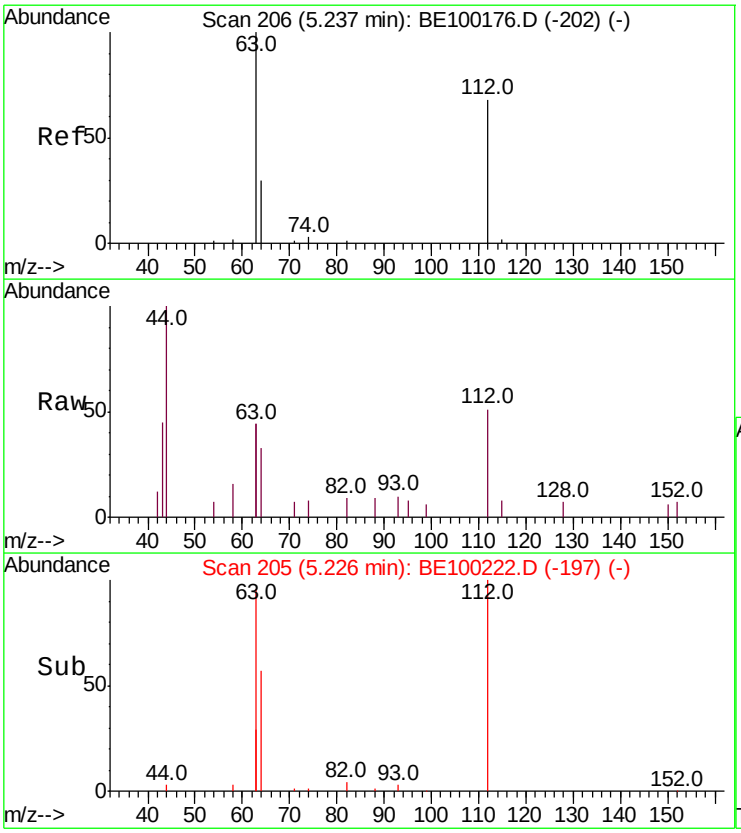
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.02 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1016

Ion	Ratio	Lower	Upper
152	100		
150	151.1	113.4	170.2
115	71.2	55.8	83.6

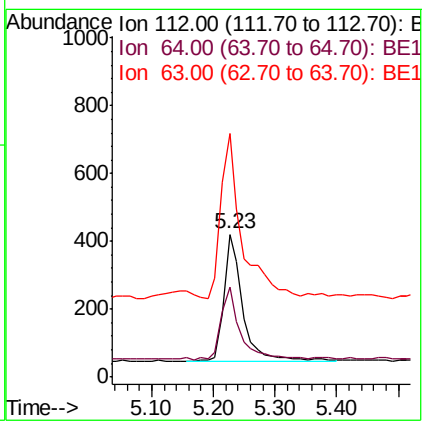


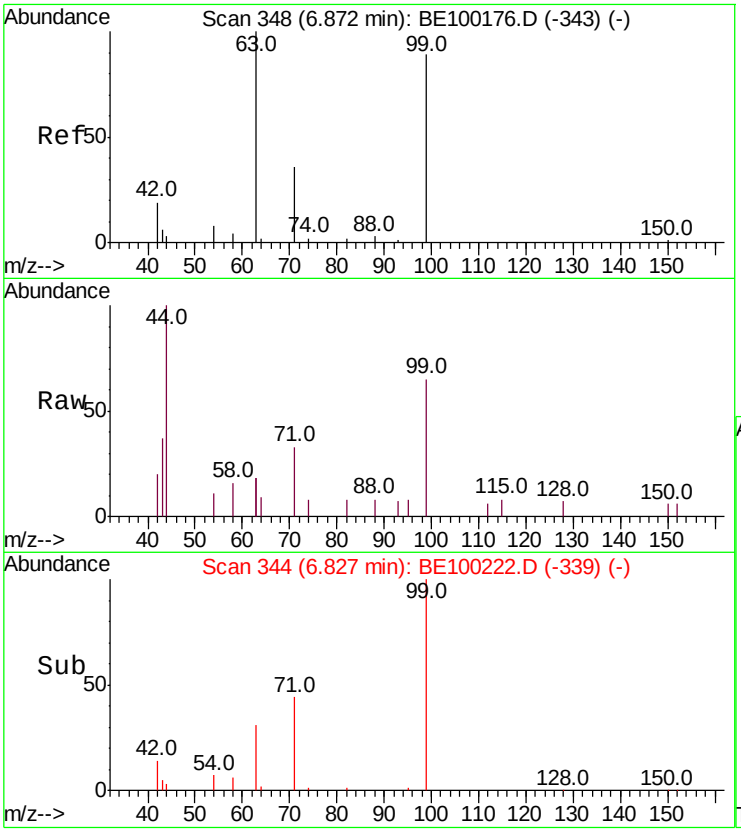


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.23 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:112 Resp: 787

Ion	Ratio	Lower	Upper
112	100		
64	59.0	40.7	61.1
63	139.3	93.2	139.8



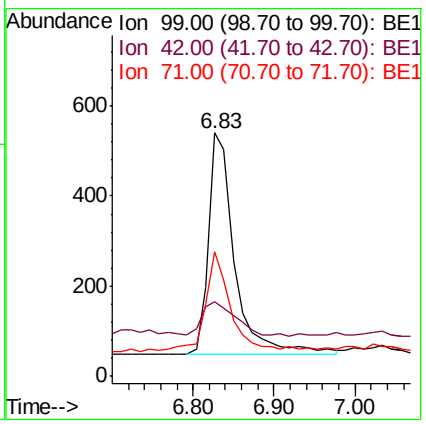


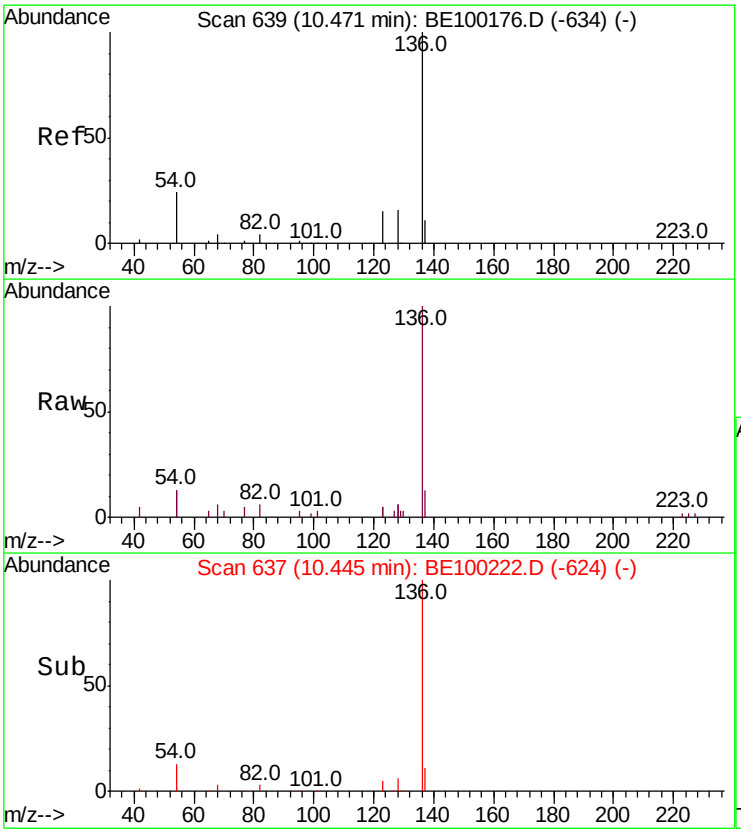
#5
Phenol-d6
Concen: 0.358 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.05 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1111

Ion	Ratio	Lower	Upper
99	100		
42	18.6	10.4	15.6#
71	38.6	32.4	48.6

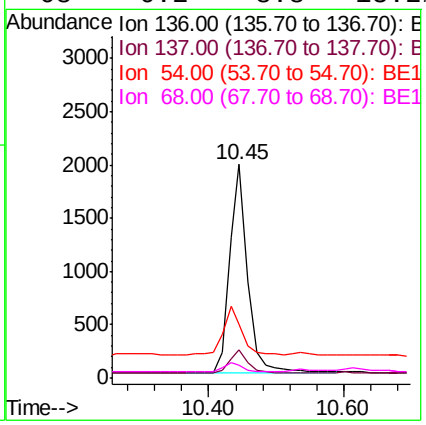


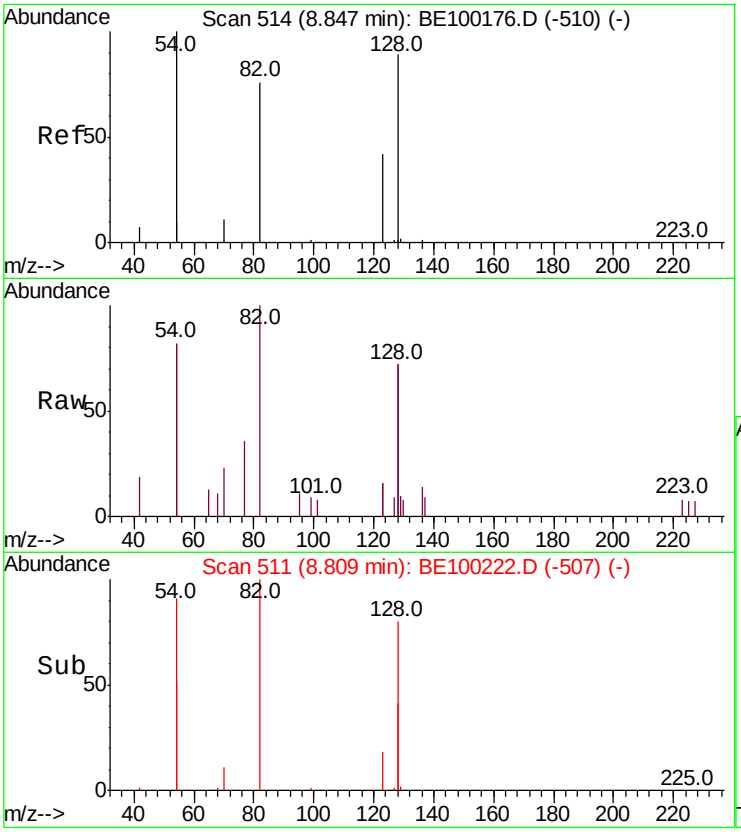


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:136 Resp: 3686

Ion	Ratio	Lower	Upper
136	100		
137	13.4	13.8	20.8#
54	25.3	35.4	53.2#
68	6.2	8.8	13.2#



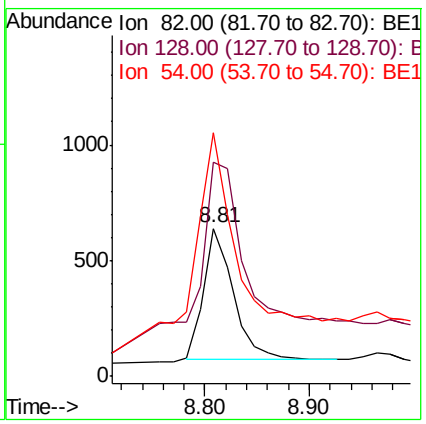


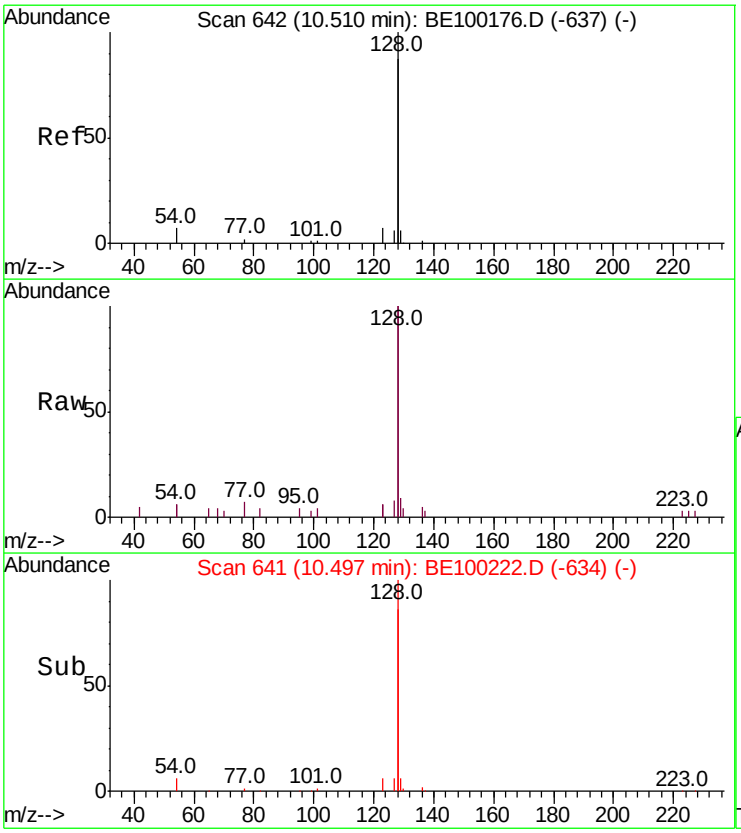
#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.04 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1136

Ion	Ratio	Lower	Upper
82	100		
128	144.9	144.6	217.0
54	164.6	163.0	244.6

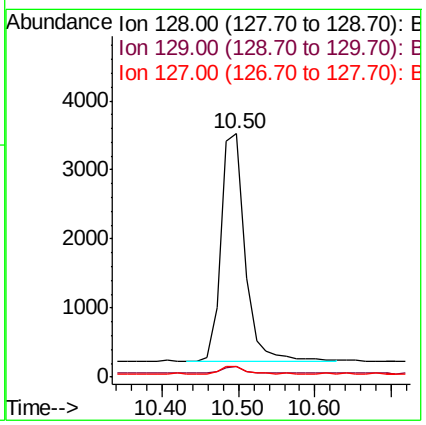


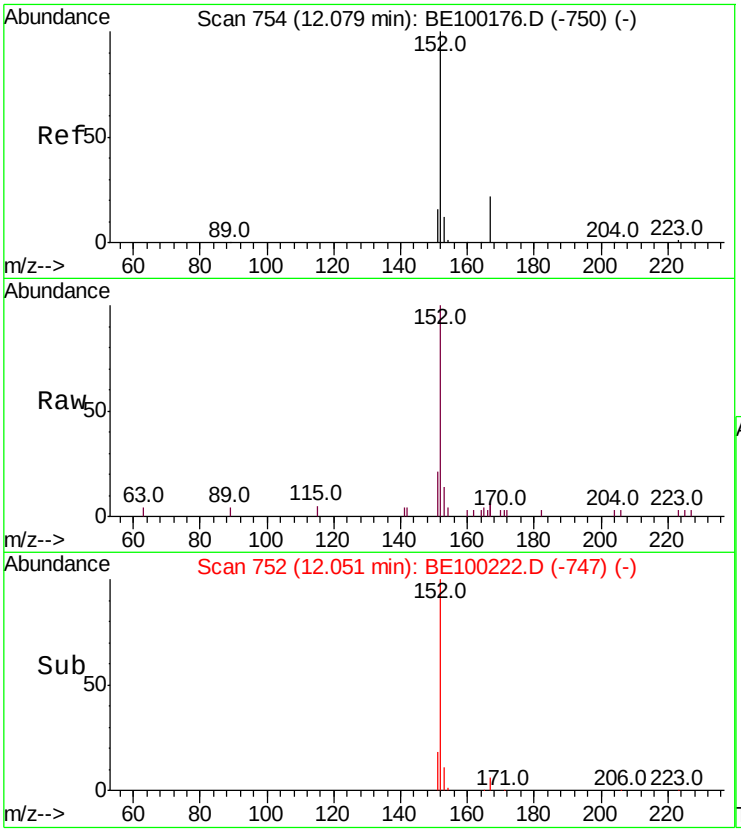


#9
Naphthalene
Concen: 0.179 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:128 Resp: 7219

Ion	Ratio	Lower	Upper
128	100		
129	4.4	3.6	5.4
127	4.2	3.8	5.8



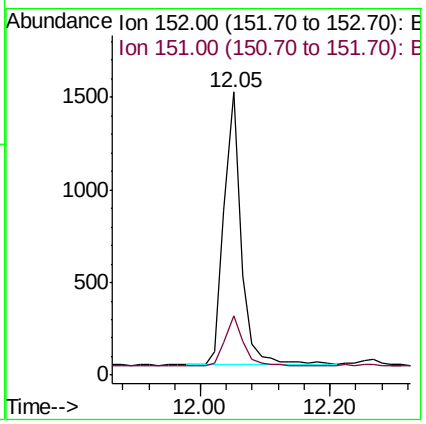


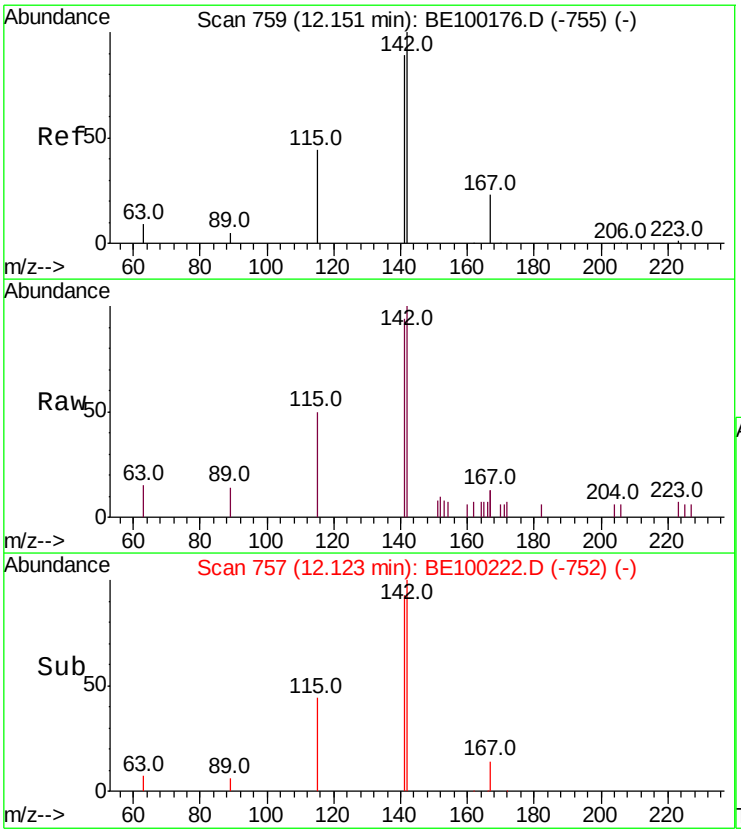
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2712

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5

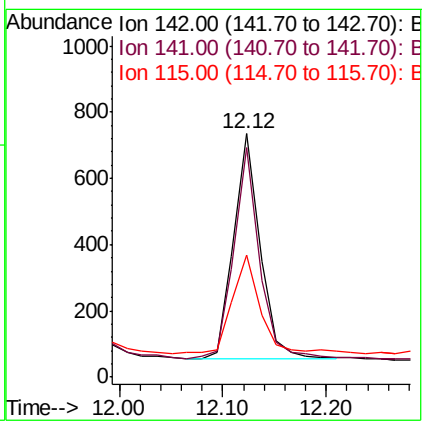


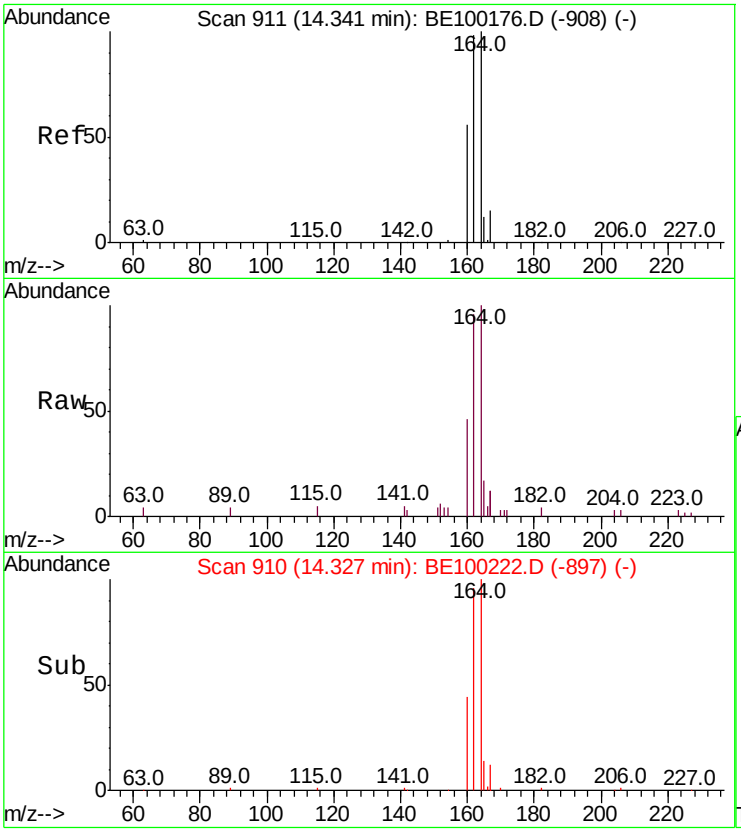


#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:142 Resp: 1210

Ion	Ratio	Lower	Upper
142	100		
141	94.3	71.8	107.8
115	49.9	40.4	60.6



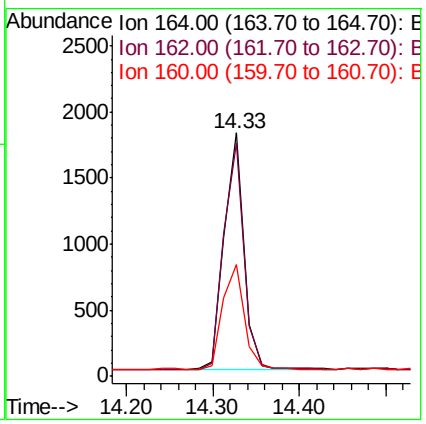


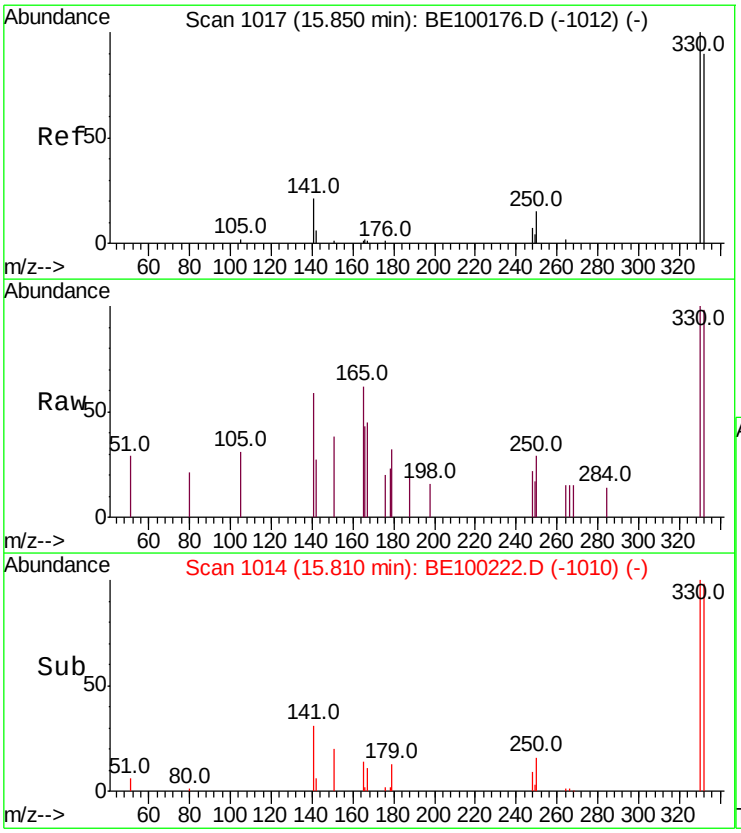
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2827

Ion	Ratio	Lower	Upper
164	100		
162	96.0	78.6	118.0
160	45.8	46.9	70.3#

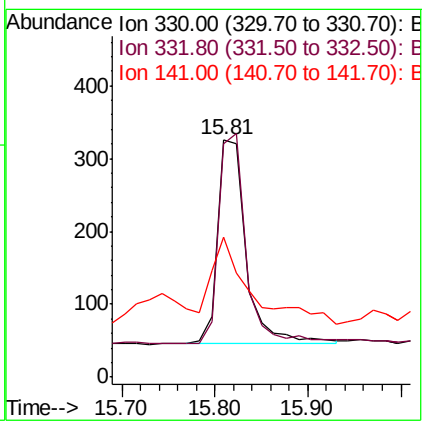


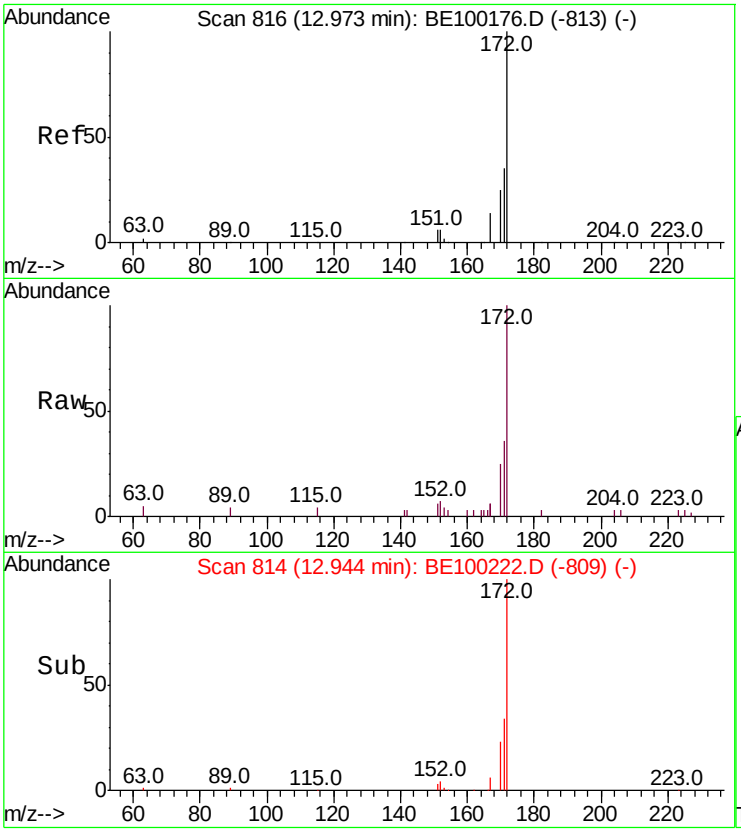


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.04 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:330 Resp: 596

Ion	Ratio	Lower	Upper
330	100		
332	101.8	77.7	116.5
141	57.6	18.9	28.3#



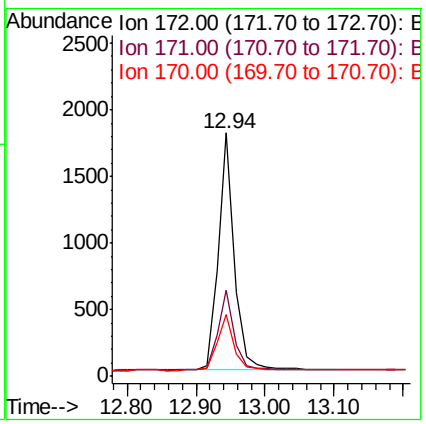


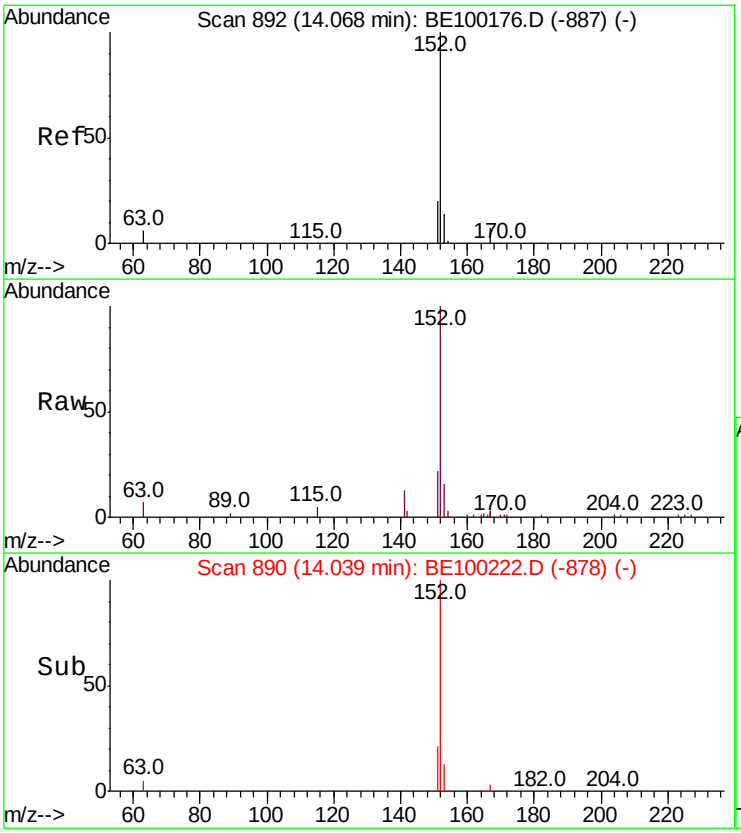
#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2908

Ion	Ratio	Lower	Upper
172	100		
171	35.5	31.0	46.4
170	25.2	23.9	35.9

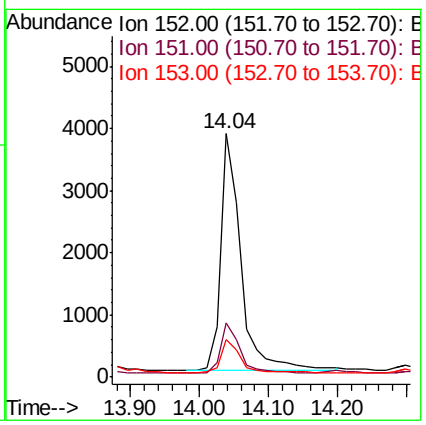


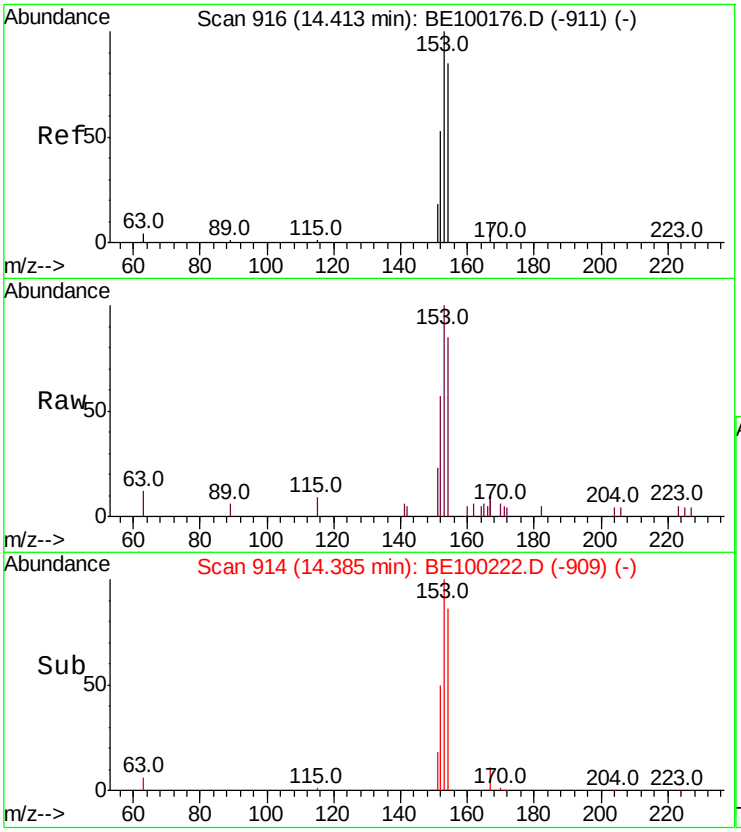


#16
Acenaphthylene
Concen: 0.565 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:152 Resp: 7786

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.0
153	14.0	10.8	16.2



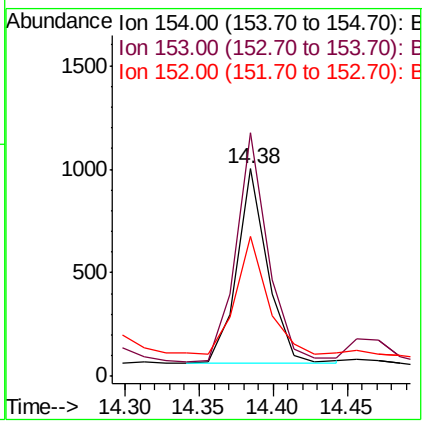


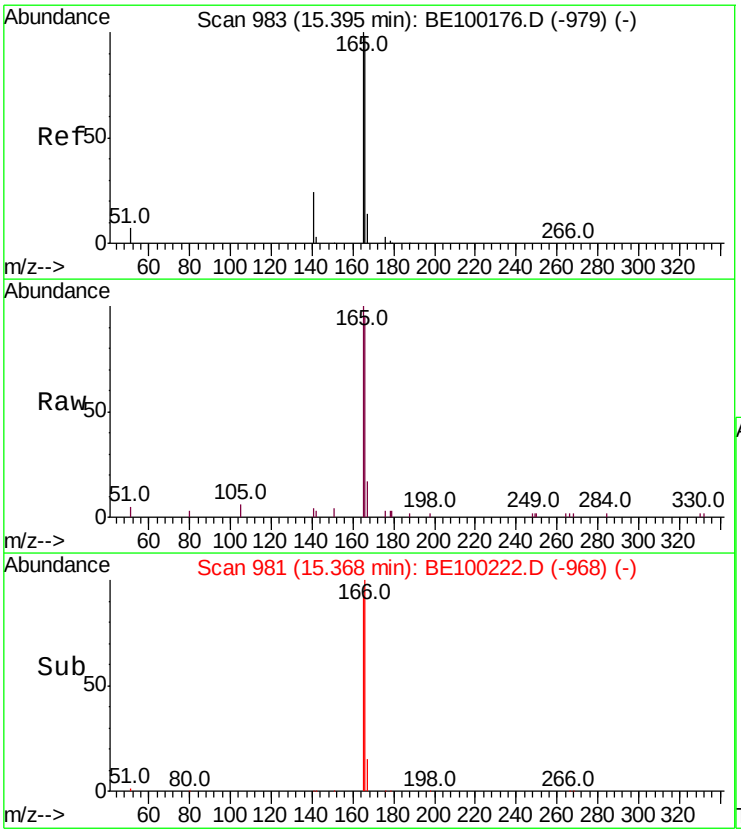
#17
Acenaphthene
Concen: 0.176 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1362

Ion	Ratio	Lower	Upper
154	100		
153	120.9	95.3	142.9
152	67.2	52.9	79.3

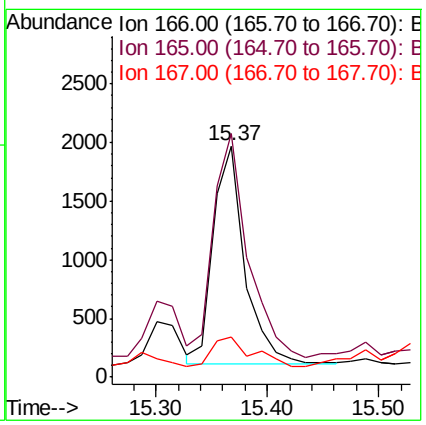


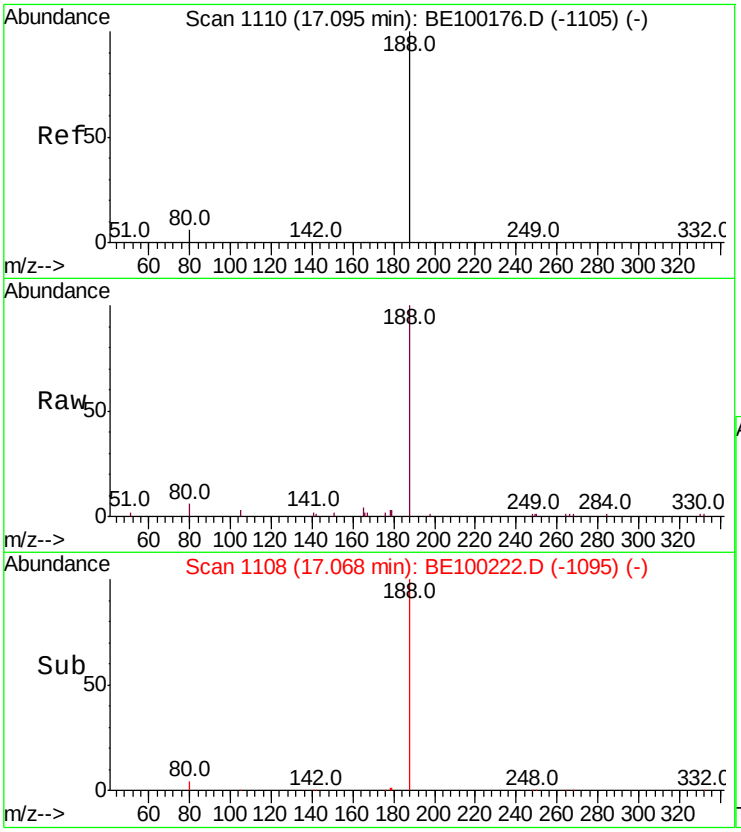


#18
Fluorene
Concen: 0.331 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:166 Resp: 3693

Ion	Ratio	Lower	Upper
166	100		
165	111.3	81.0	121.4
167	17.6	11.4	17.0#



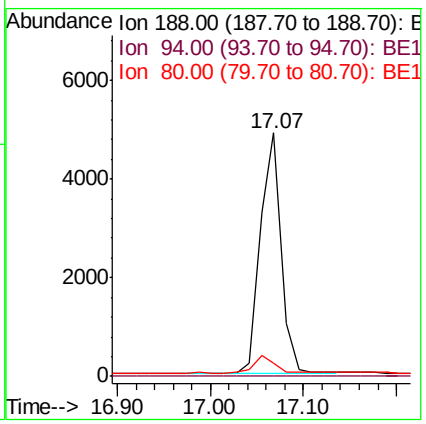


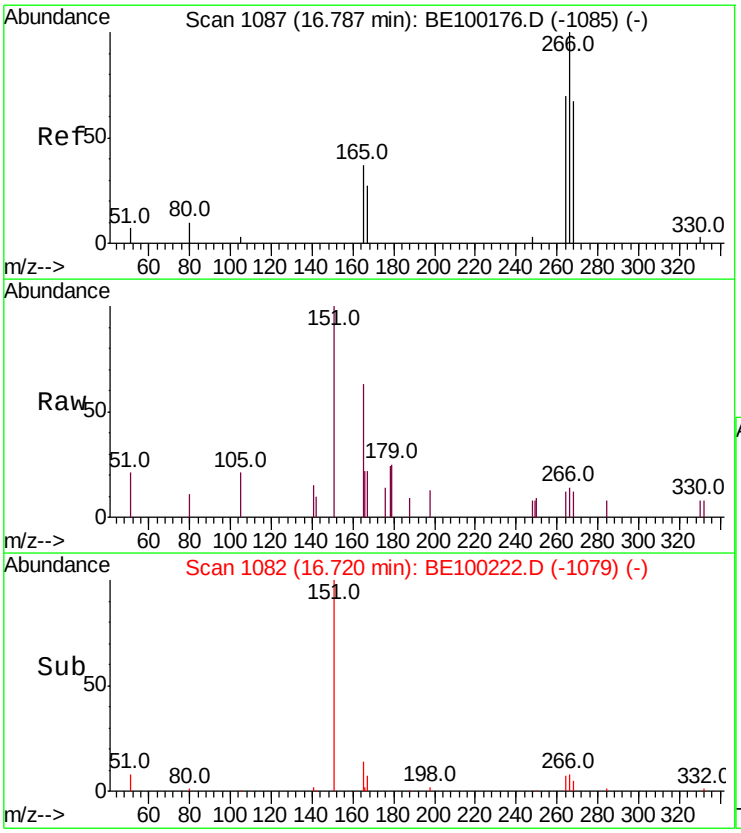
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7661

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.7	6.4	9.6#

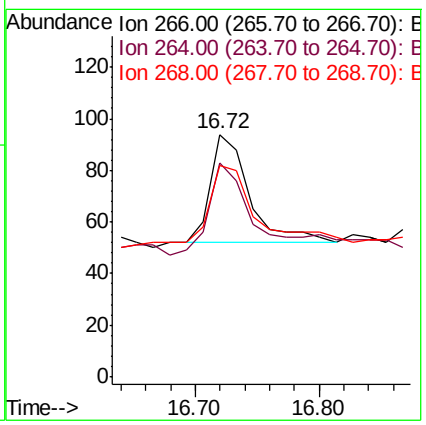


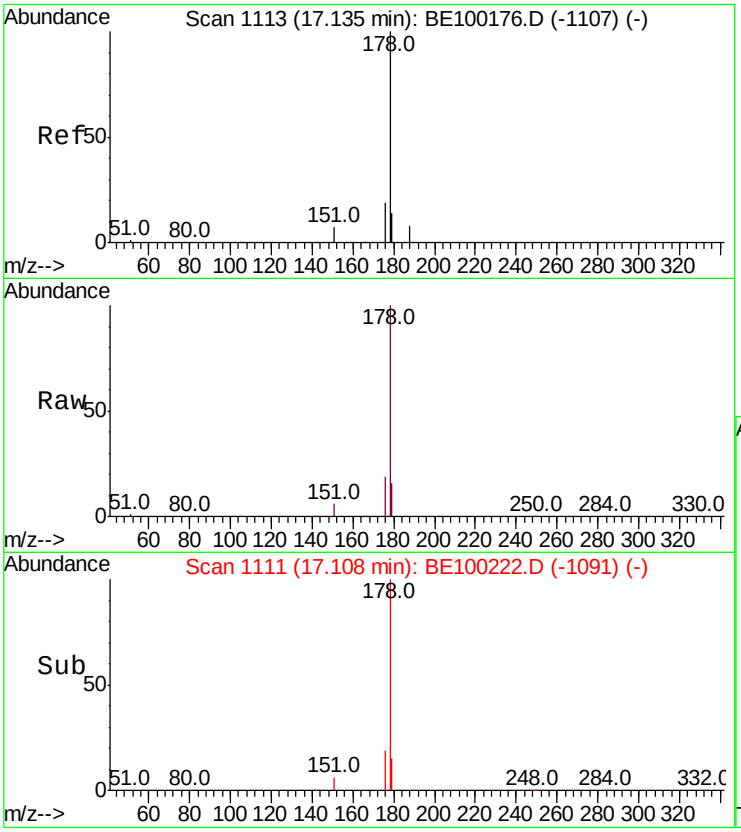


#22
Pentachlorophenol
Concen: 0.324 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.07 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:266 Resp: 92

Ion	Ratio	Lower	Upper
266	100		
264	88.3	67.7	101.5
268	87.2	69.8	104.6



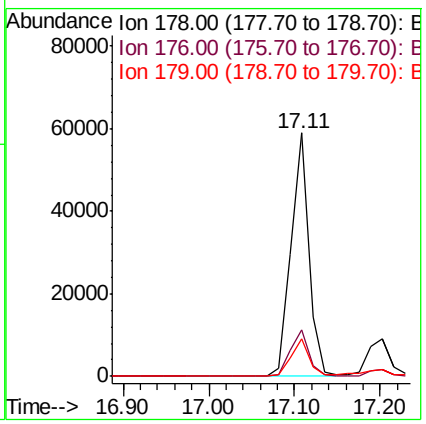


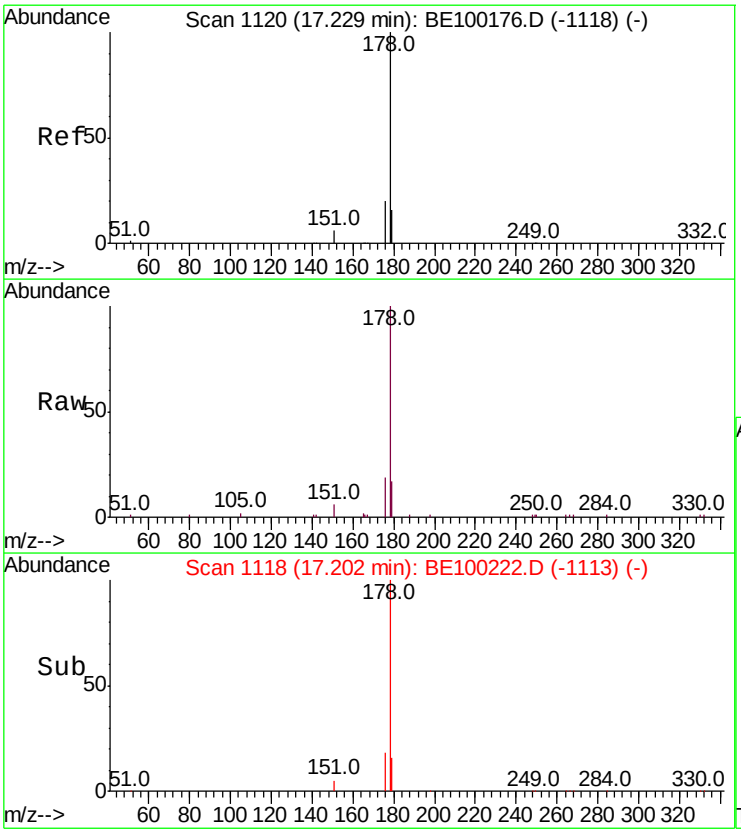
#23
Phenanthrene
Concen: 4.688 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 85078

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

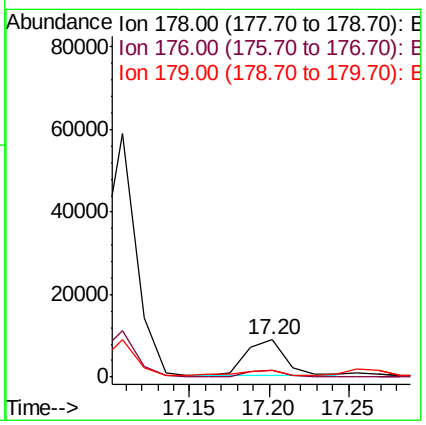


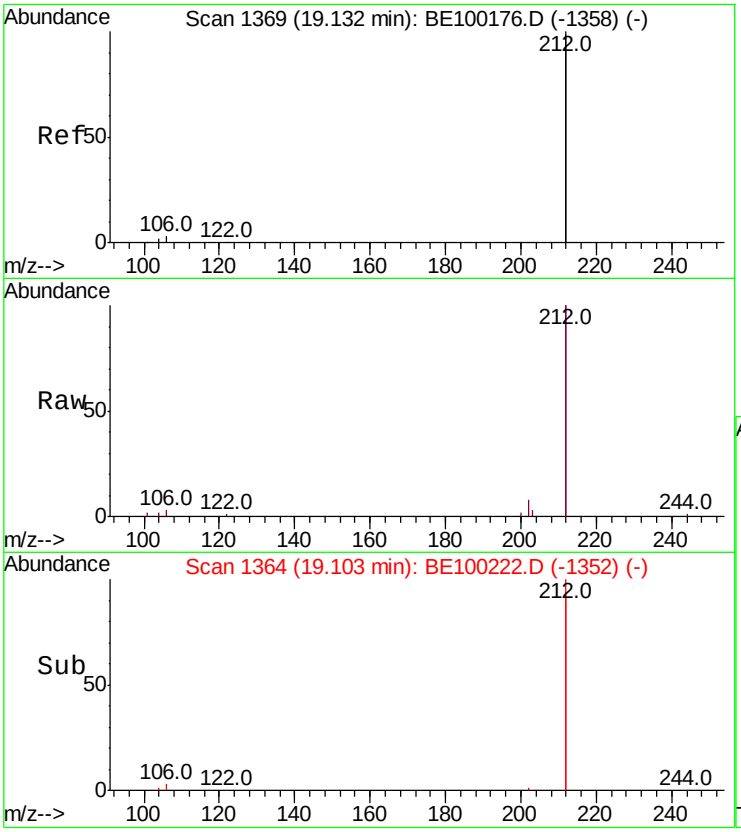


#24
Anthracene
Concen: 0.940 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:178 Resp: 14410

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	17.2	12.9	19.3



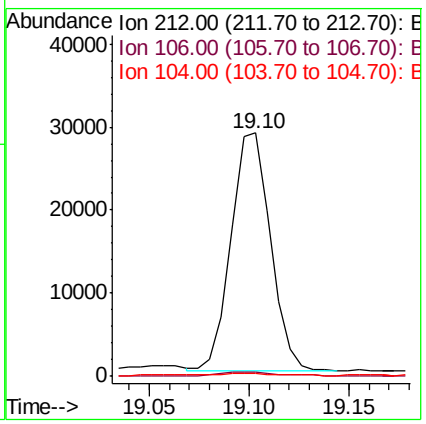


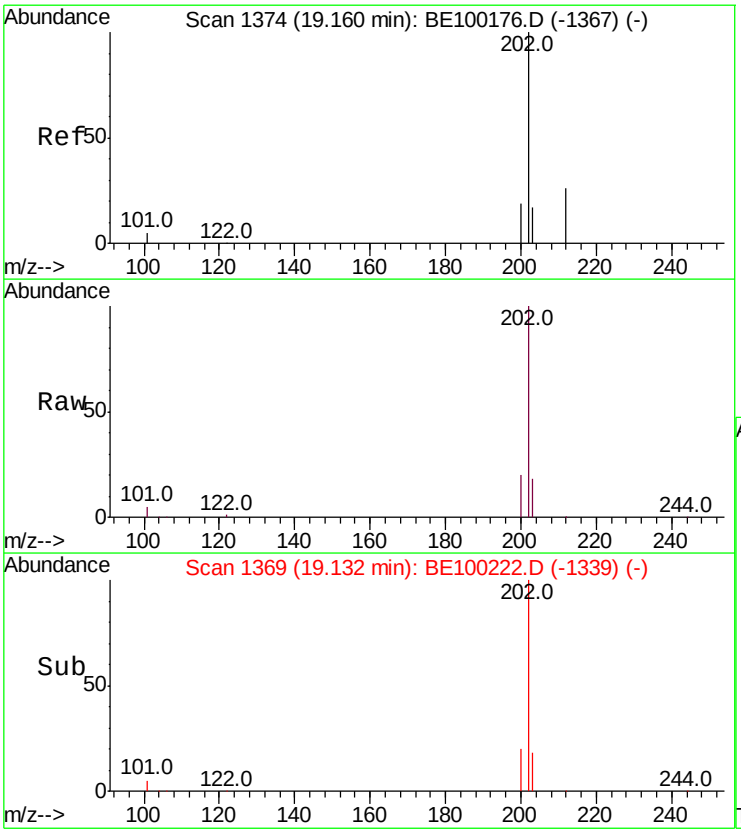
#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.10 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 39074

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.3	1.9
104	0.9	0.7	1.1

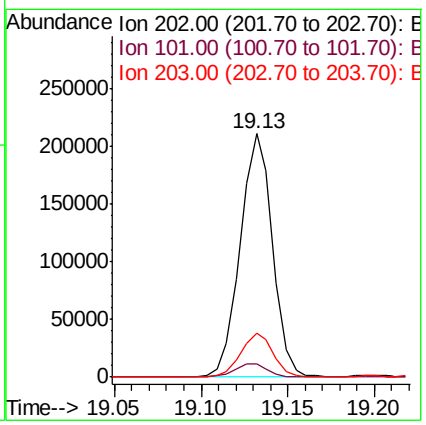


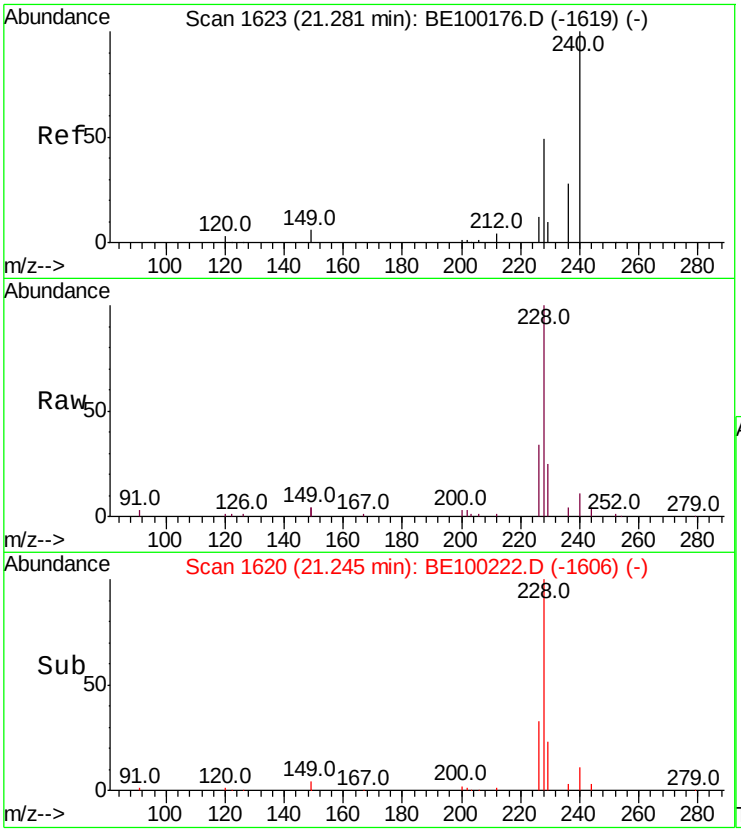


#26
Fluoranthene
Concen: 9.271 ng
RT: 19.13 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:202 Resp: 273686

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.5	6.7
203	17.7	13.7	20.5



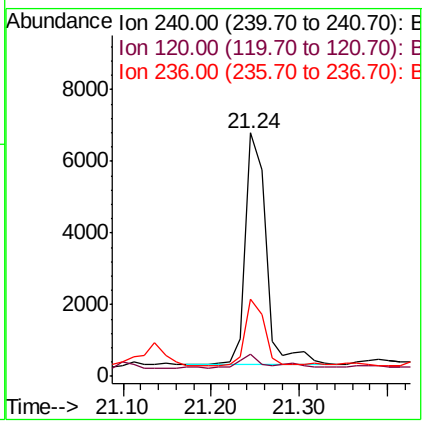


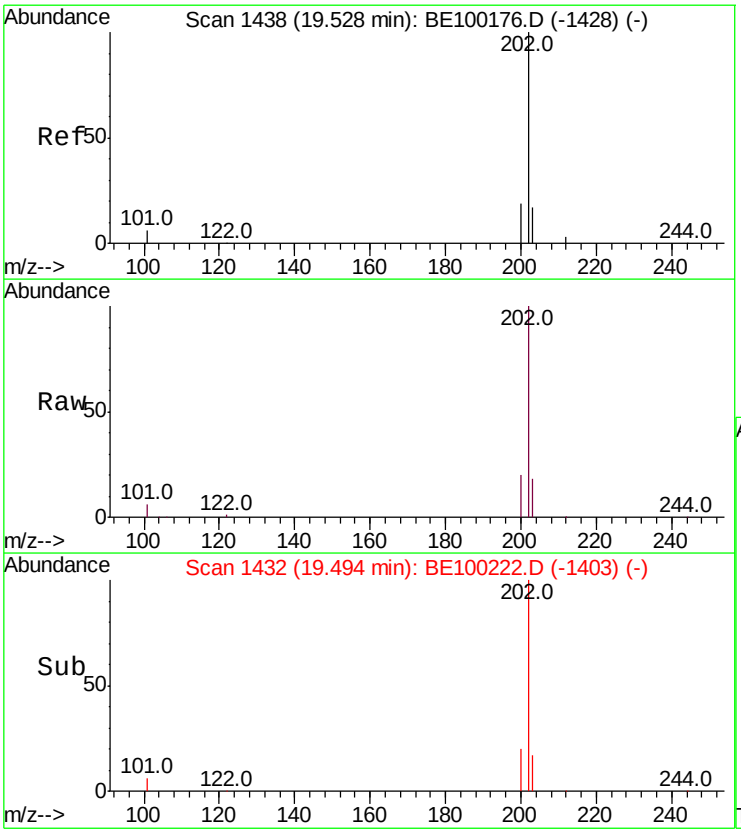
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10644

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.1	6.1#
236	31.6	23.0	34.6

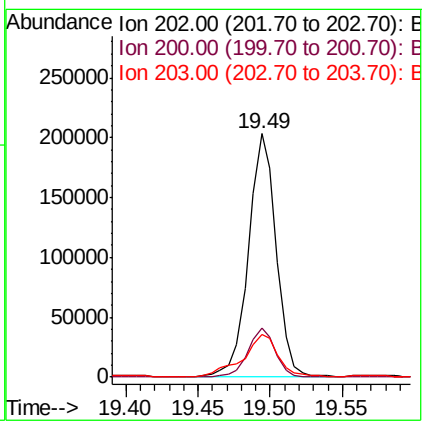


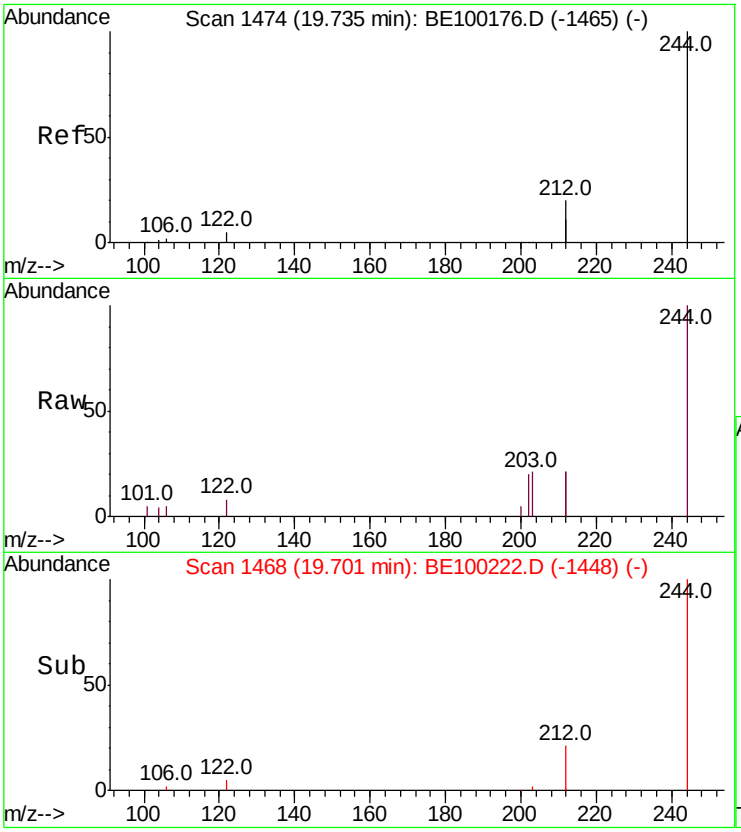


#28
Pyrene
Concen: 10.013 ng
RT: 19.49 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:202 Resp: 272940

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.5	23.3
203	22.0	13.9	20.9#



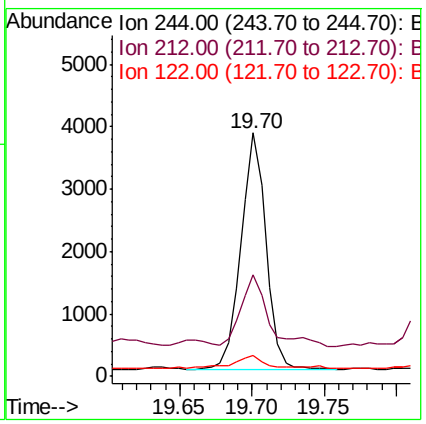


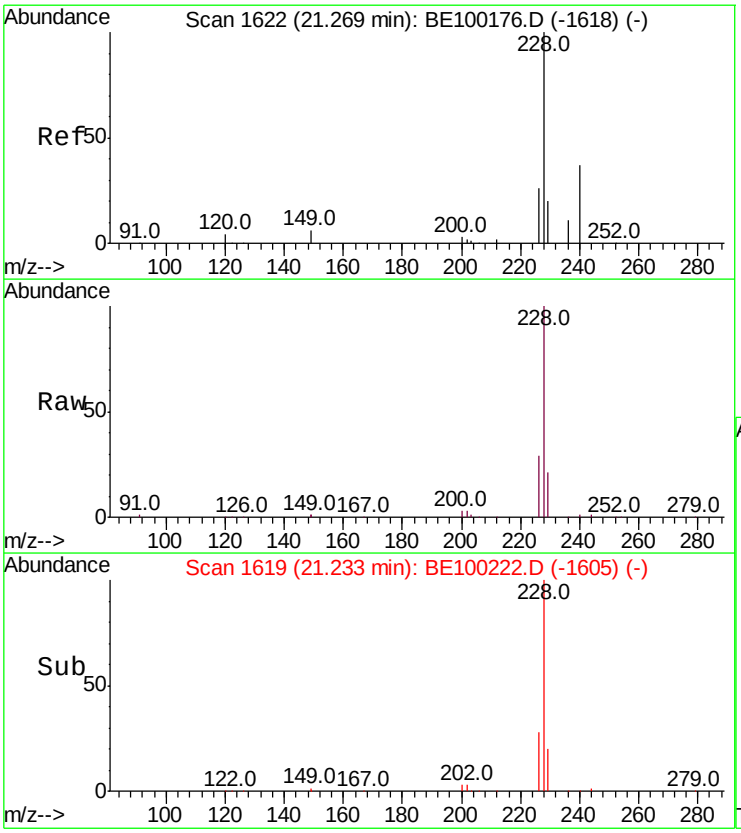
#29
Terphenyl-d14
Concen: 0.218 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4565

Ion	Ratio	Lower	Upper
244	100		
212	41.6	30.7	46.1
122	8.3	5.8	8.6

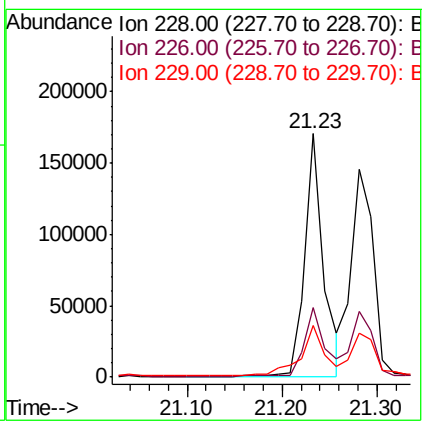


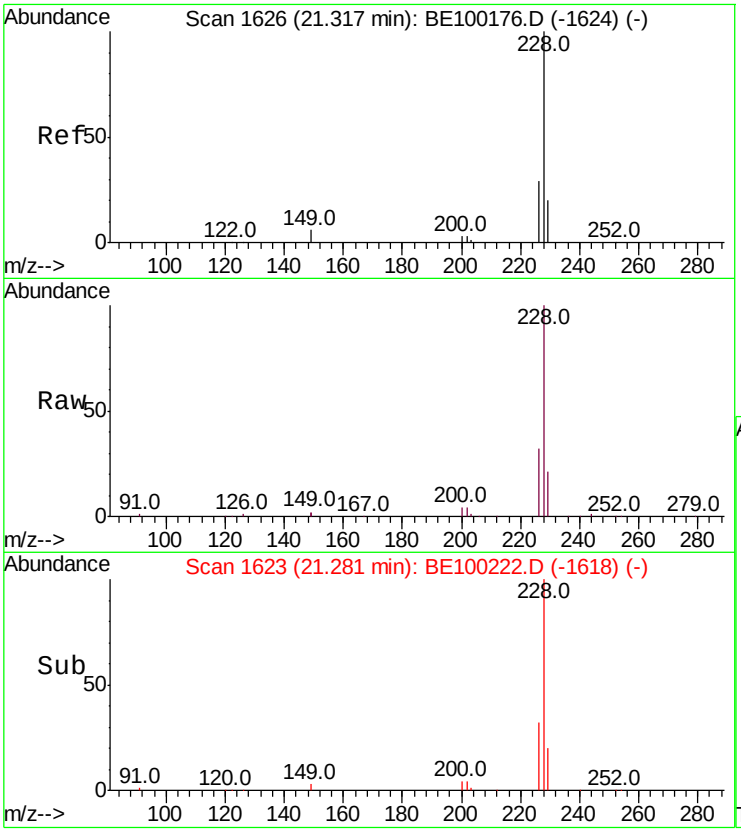


#30
Benzo(a)anthracene
Concen: 7.412 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:228 Resp: 232587

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.5	32.3
229	21.0	17.2	25.8



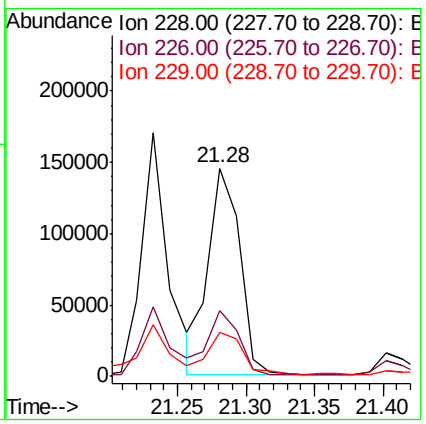


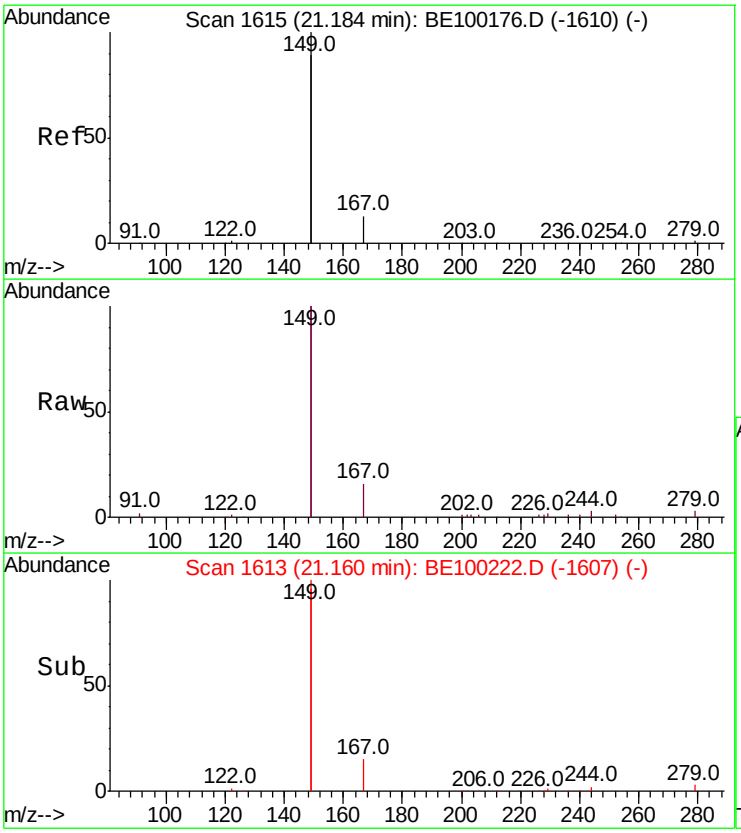
#31
Chrysene
Concen: 6.286 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 231379

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.7	35.5
229	21.1	16.5	24.7

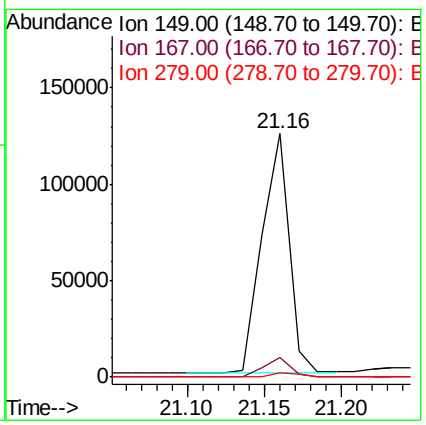


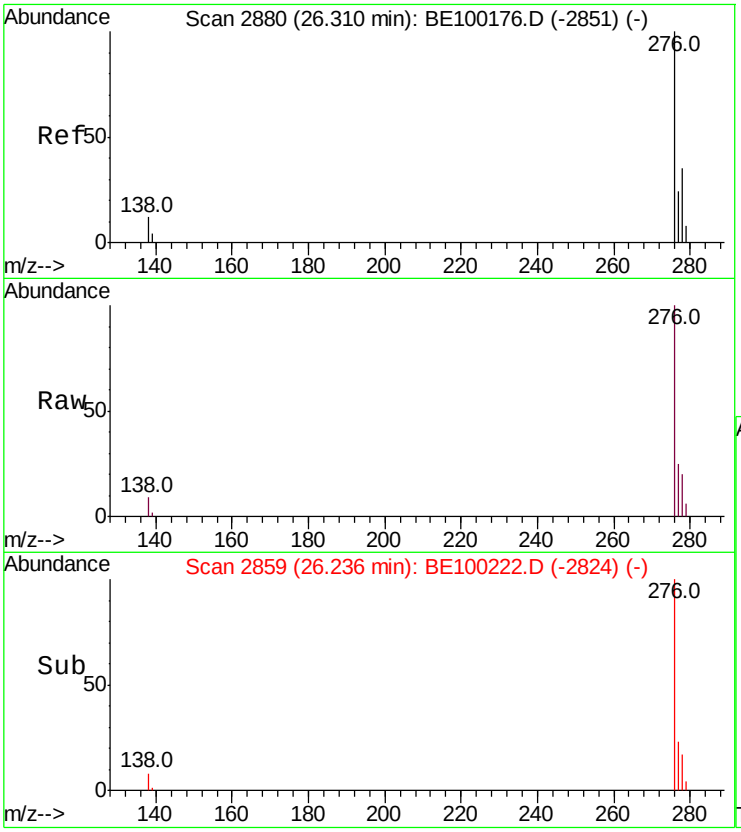


#32
Bis(2-ethylhexyl)phthalate
Concen: 4.250 ng
RT: 21.16 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:149 Resp: 153300

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.5	1.0	1.6



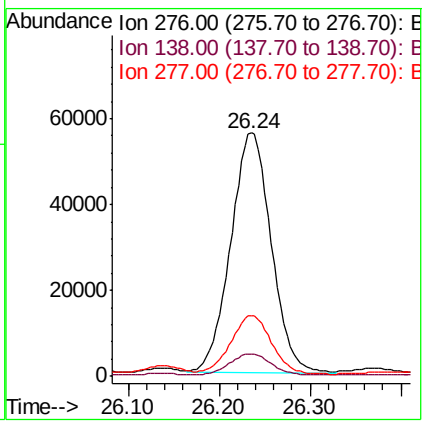


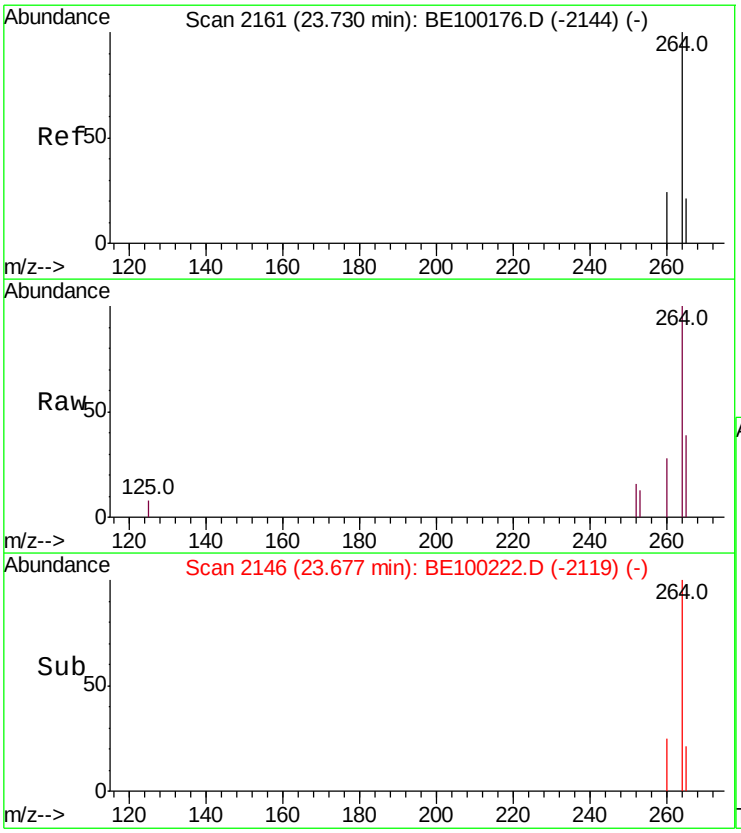
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.310 ng
RT: 26.24 min Scan# 2859
Delta R.T. -0.07 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 173429

Ion	Ratio	Lower	Upper
276	100		
138	9.1	3.7	5.5#
277	24.5	18.7	28.1

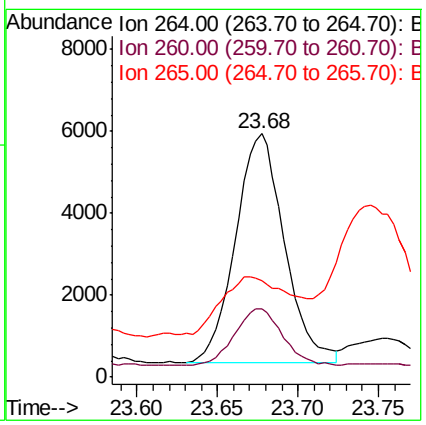


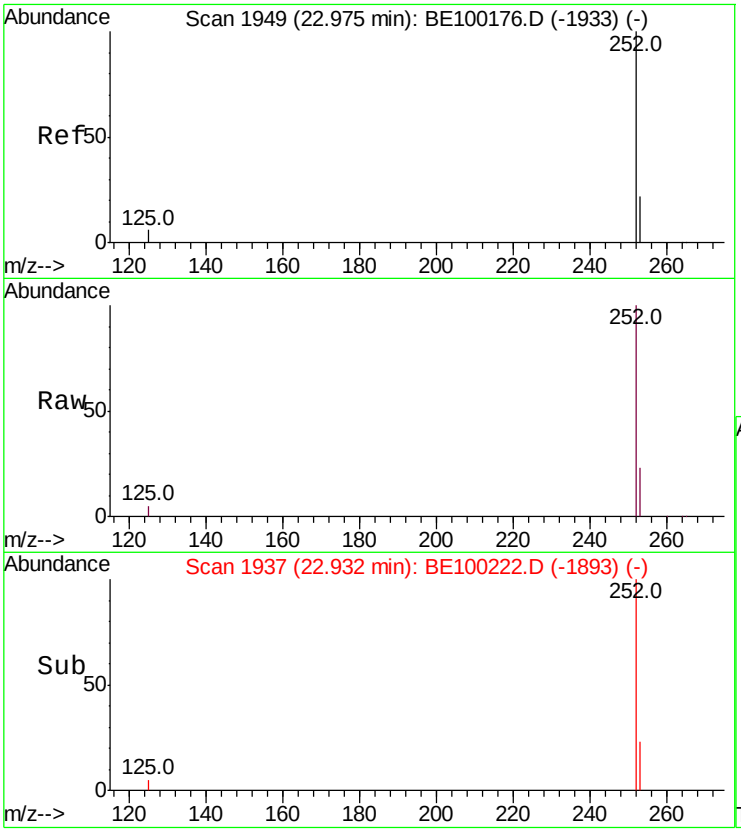


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2146
Delta R.T. -0.05 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:264 Resp: 11883

Ion	Ratio	Lower	Upper
264	100		
260	28.0	20.4	30.6
265	39.5	22.5	33.7#



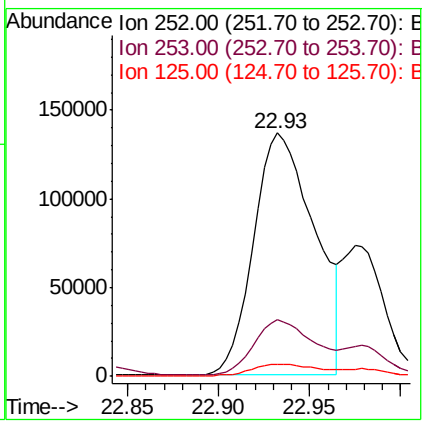


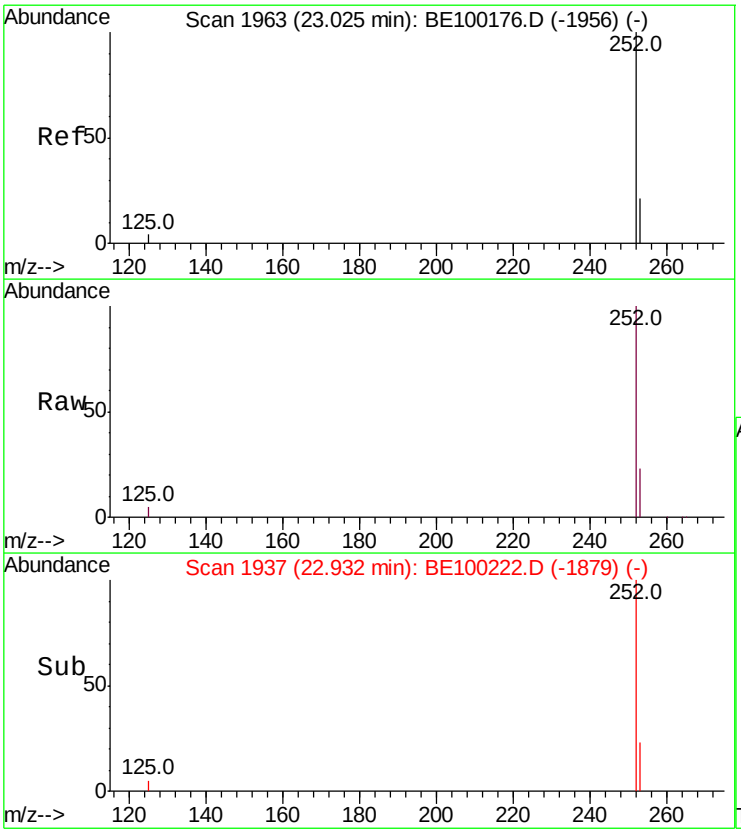
#35
Benzo(b)fluoranthene
Concen: 9.971 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.04 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 318689

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.4
125	5.0	6.3	9.5#

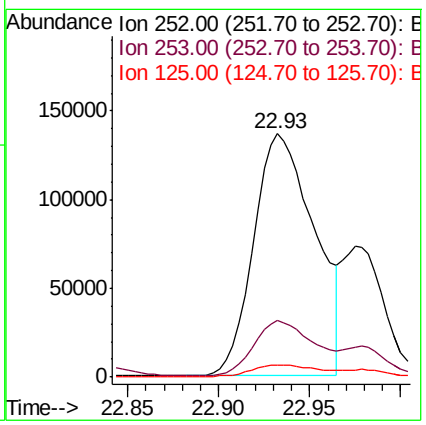


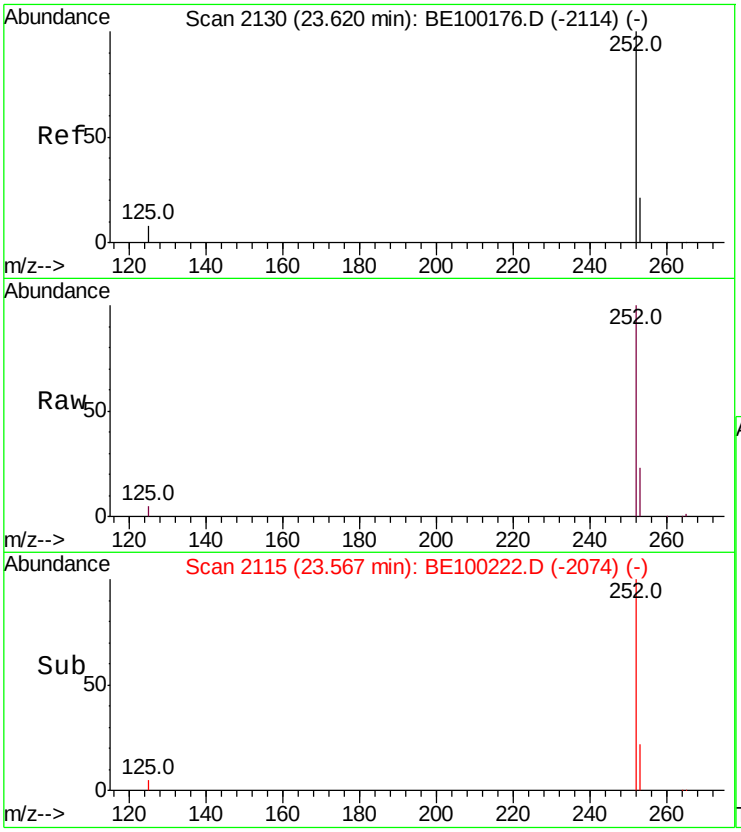


#36
Benzo(k)fluoranthene
Concen: 8.333 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.09 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:252 Resp: 318689

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	5.0	5.0	7.4



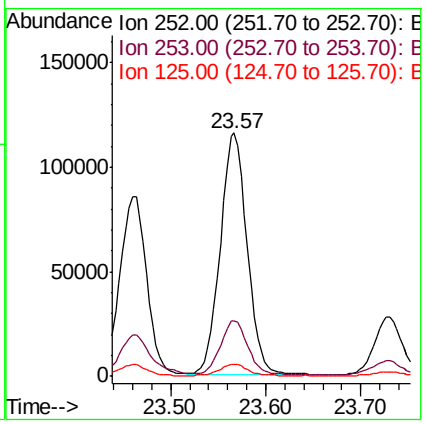


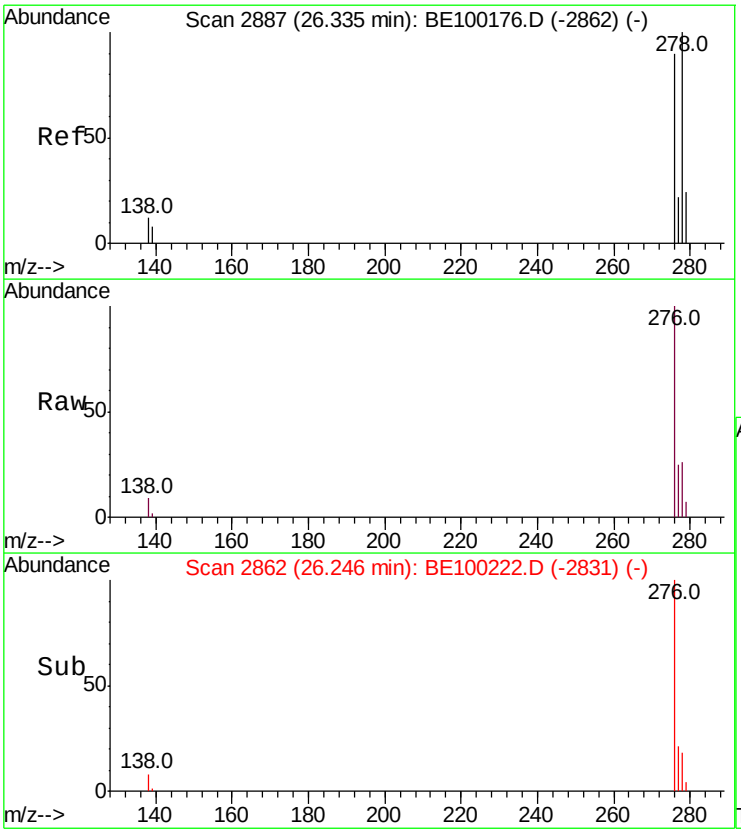
#37
Benzo(a)pyrene
Concen: 6.778 ng
RT: 23.57 min Scan# 2115
Delta R.T. -0.05 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 224456

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	5.0	8.2	12.2#

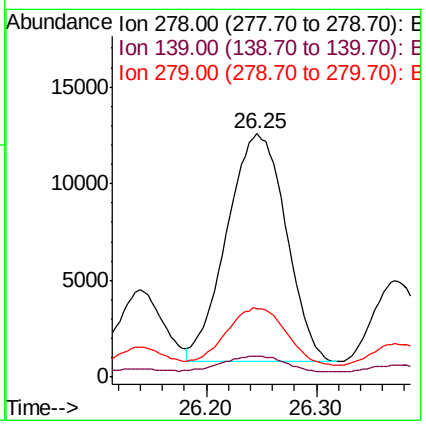


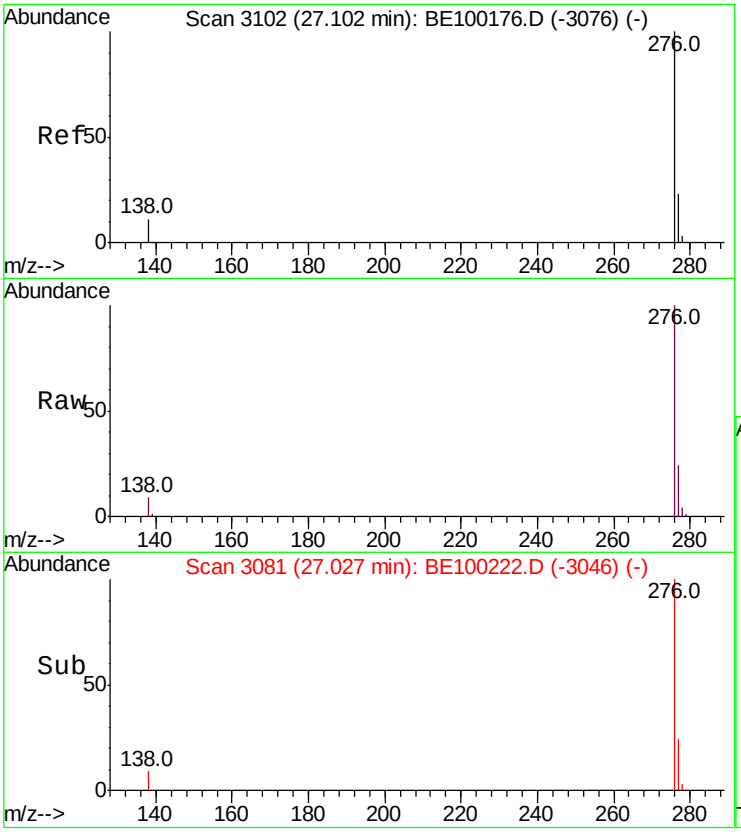


#38
Dibenzo(a,h)anthracene
Concen: 1.243 ng
RT: 26.25 min Scan# 2862
Delta R.T. -0.09 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Tgt Ion:278 Resp: 44034

Ion	Ratio	Lower	Upper
278	100		
139	8.6	9.0	13.4#
279	28.0	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 4.721 ng
RT: 27.03 min Scan# 3081
Delta R.T. -0.07 min
Lab File: BE100222.D
Acq: 28 Jun 2019 1:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 174602

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.6
138	9.5	10.2	15.4#