Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100221.D
Acq On : 28 Jun 2019 1:05
Operator : JU/SJ
Sample : K3428-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 05:39:07 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	7.65	152	976	0.40	ng		-0.02
7) Naphthalene-d8	10.45	136	3516	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	2715	0.40	ng		-0.01
19) Phenanthrene-d10	17.07	188	7621	0.40	ng		-0.03
27) Chrysene-d12	21.24	240	10713	0.40	ng		-0.04
34) Perylene-d12	23.68	264	11956	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	777	0.36	ng		0.00
5) Phenol-d6	6.83	99	1106	0.37	ng		-0.04
8) Nitrobenzene-d5	8.82	82	1044	0.30	ng		-0.03
11) 2-Methylnaphthalene-d10	12.05	152	2496	0.38	ng		-0.03
14) 2,4,6-Tribromophenol	15.81	330	643	0.41	ng		-0.04
15) 2-Fluorobiphenyl	12.94	172	3178	0.29	ng		-0.03
25) Fluoranthene-d10	19.10	212	38283	0.35	ng		-0.03
29) Terphenyl-d14	19.70	244	5858	0.28	ng		-0.03
Target Compounds							Qvalue
9) Naphthalene	10.50	128	12495	0.326	ng	#	97
12) 2-Methylnaphthalene	12.12	142	2050	0.332	ng		98
16) Acenaphthylene	14.04	152	13158	0.994	ng		99
17) Acenaphthene	14.38	154	3239	0.437	ng		98
18) Fluorene	15.37	166	7304	0.681	ng	#	93
22) Pentachlorophenol	16.72	266	39	0.294	ng		97
23) Phenanthrene	17.11	178	163037	9.032	ng		99
24) Anthracene	17.20	178	27264	1.788	ng		97
26) Fluoranthene	19.13	202	347866	11.845	ng		99
28) Pyrene	19.50	202	351887	12.826	ng	#	96
30) Benzo(a)anthracene	21.23	228	223339	7.071	ng		98
31) Chrysene	21.28	228	213587	5.765	ng		97
32) Bis(2-ethylhexyl)phthalate	21.16	149	30945	0.852	ng		100
33) Indeno(1,2,3-cd)pyrene	26.23	276	126825	2.405	ng	#	96
35) Benzo(b)fluoranthene	22.94	252	239589	7.451	ng	#	98
36) Benzo(k)fluoranthene	22.94	252	239589	6.227	ng		99
37) Benzo(a)pyrene	23.73	252	39324	1.180	ng		94
38) Dibenzo(a,h)anthracene	26.25	278	34042	0.955	ng	#	91
39) Benzo(g,h,i)perylene	27.03	276	126698	3.405	ng	#	97

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

Quantitation Report (Not Reviewed)

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Data File : BE100221.D
Acq On : 28 Jun 2019 1:05
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
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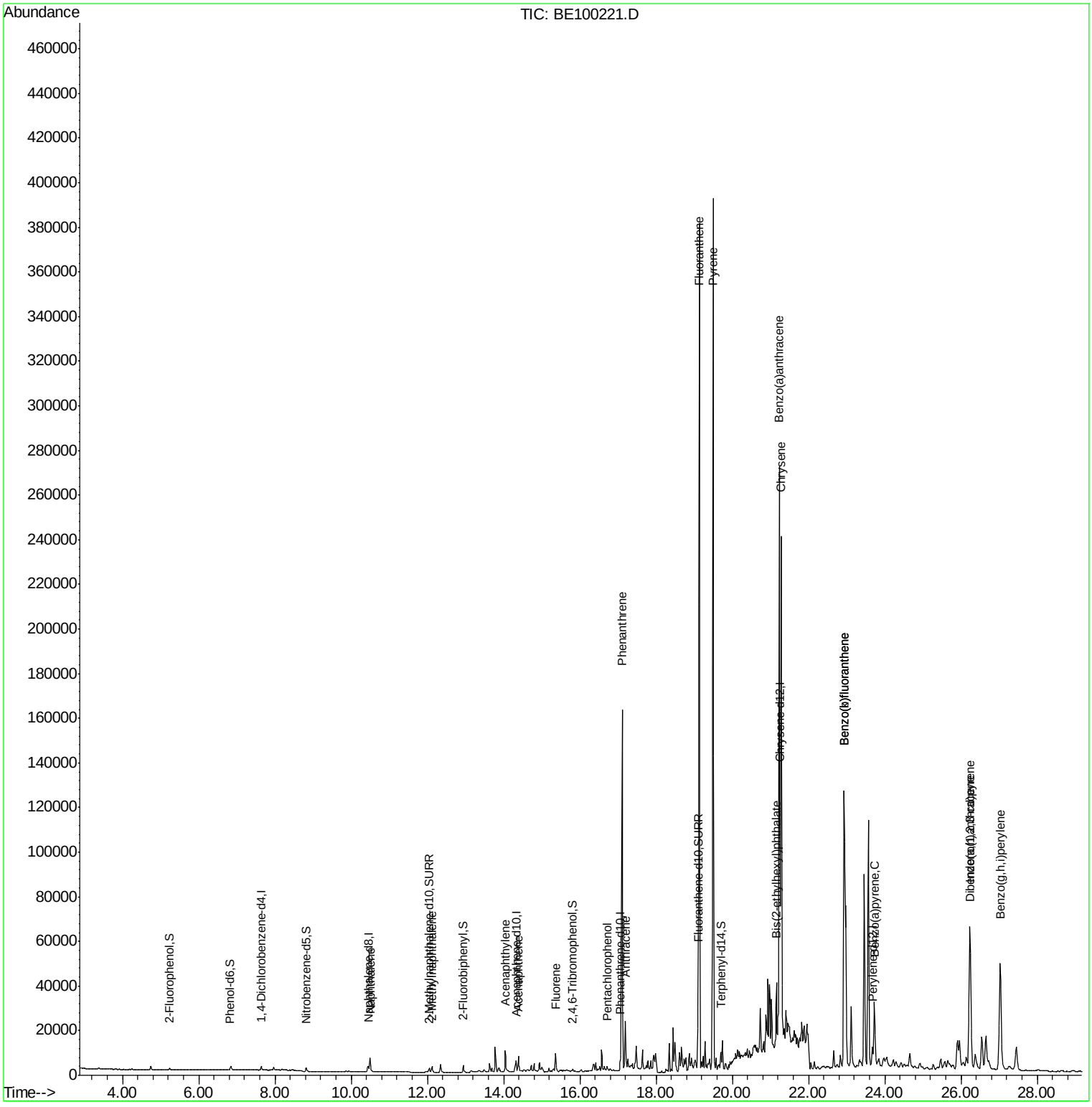
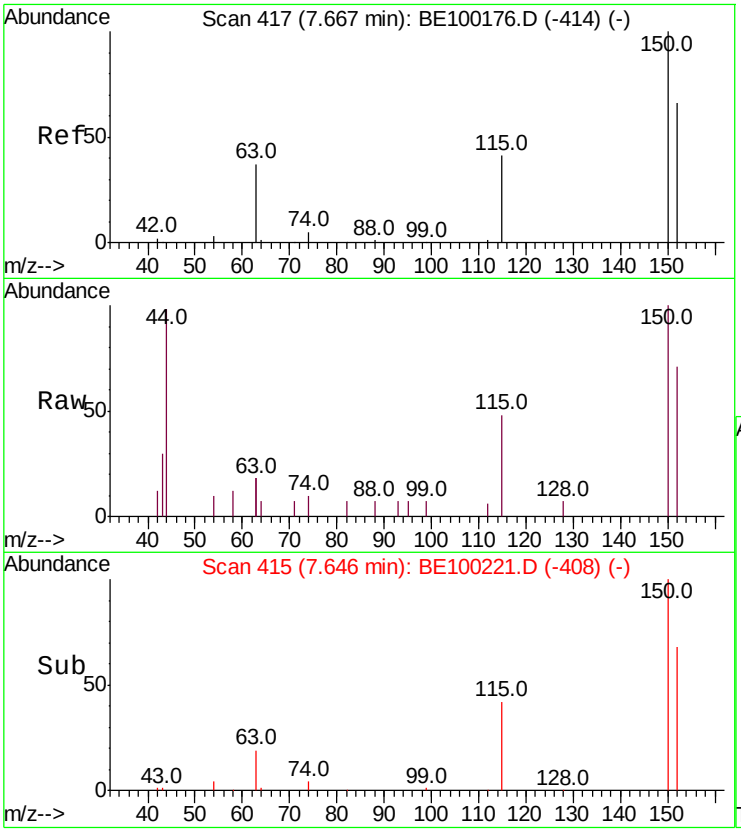
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration



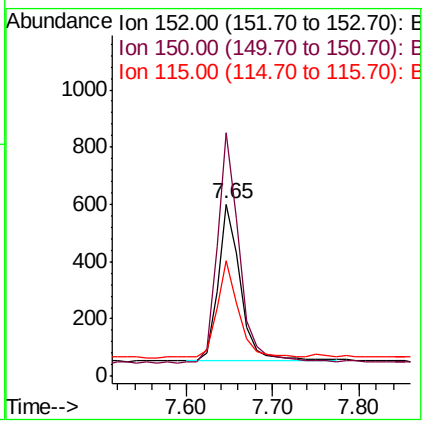


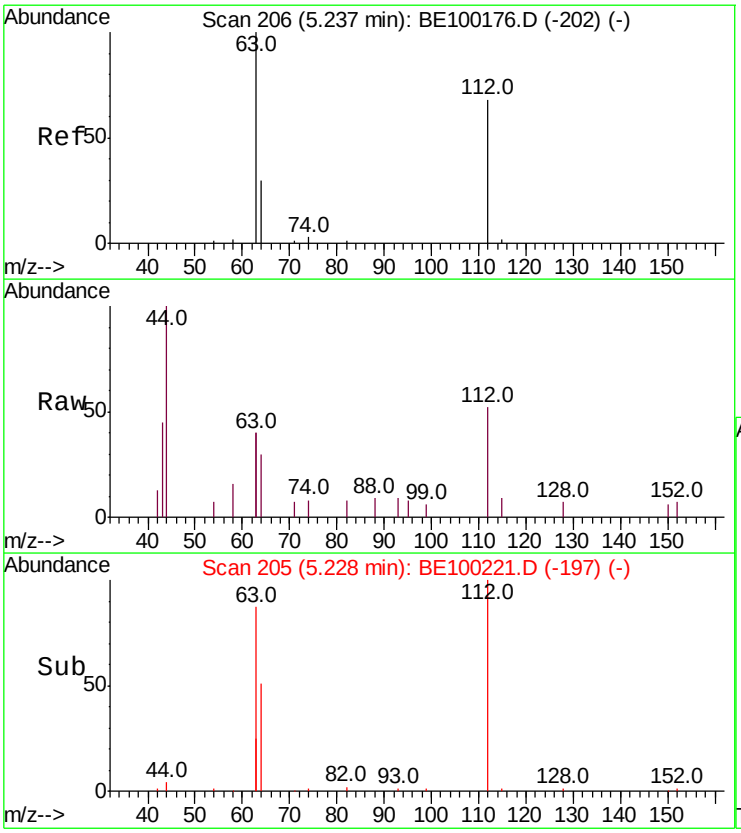
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. -0.02 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 976

Ion	Ratio	Lower	Upper
152	100		
150	141.7	113.4	170.2
115	67.3	55.8	83.6

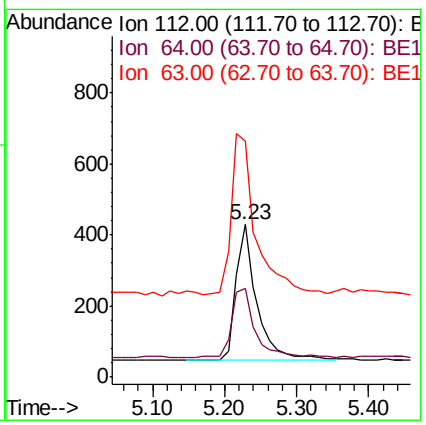


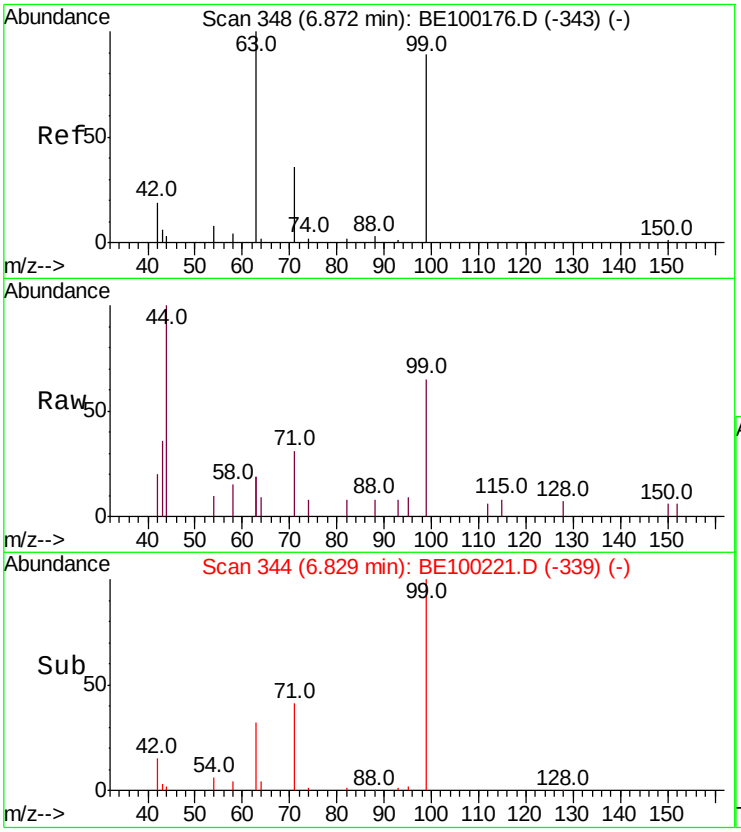


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.23 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:112 Resp: 777

Ion	Ratio	Lower	Upper
112	100		
64	56.4	40.7	61.1
63	140.5	93.2	139.8#



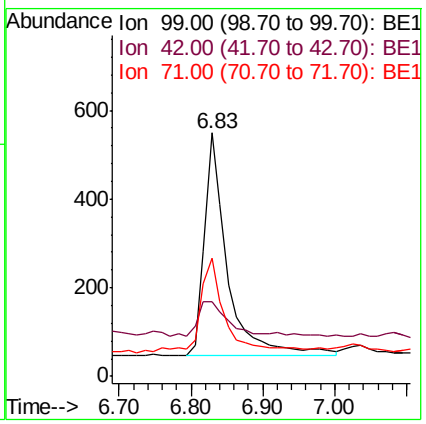


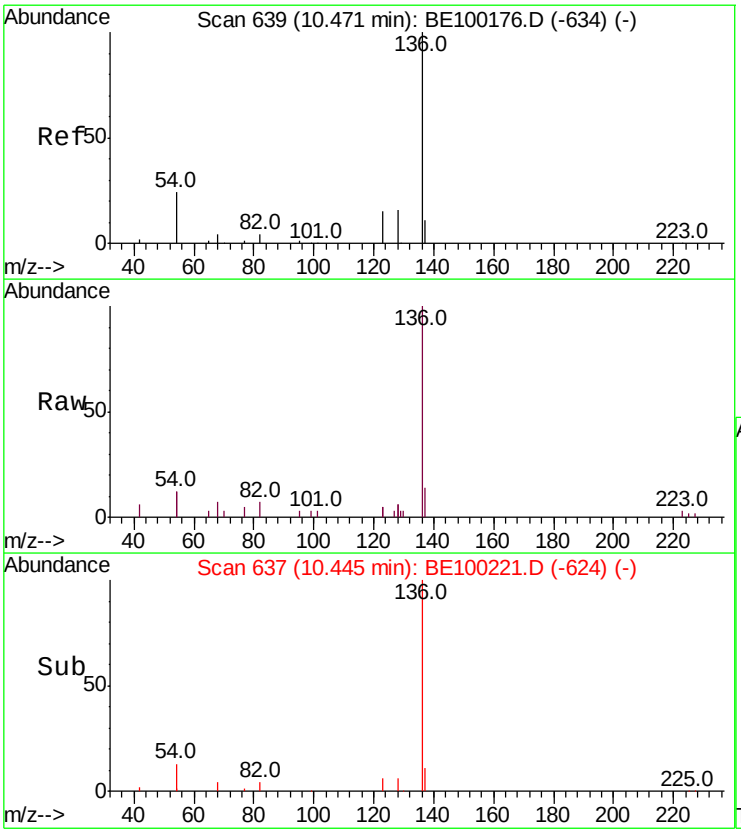
#5
Phenol-d6
Concen: 0.371 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.04 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1106

Ion	Ratio	Lower	Upper
99	100		
42	19.3	10.4	15.6#
71	39.3	32.4	48.6

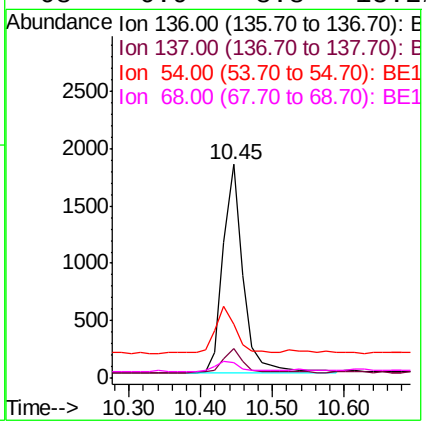


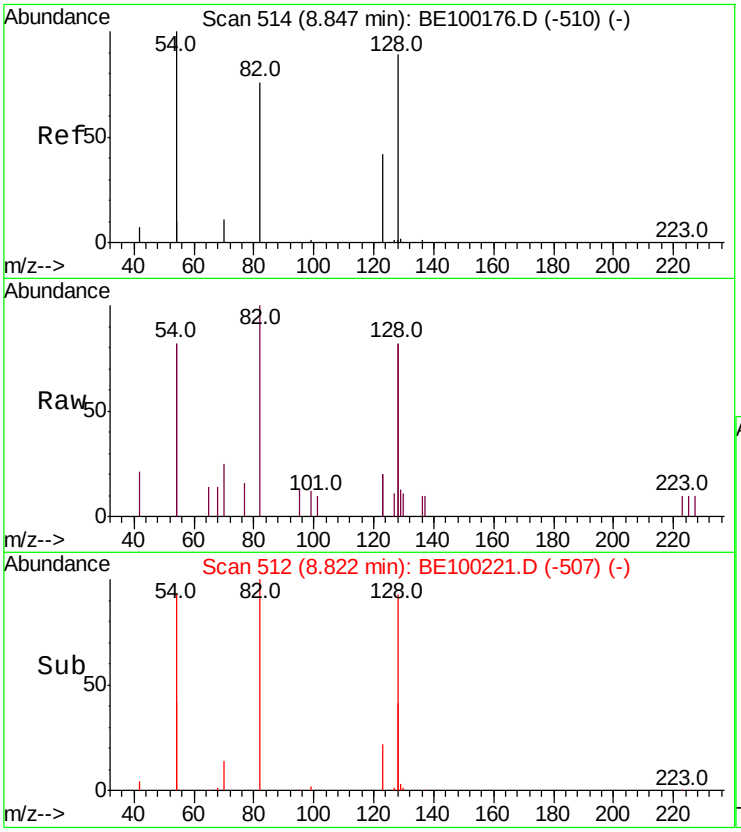


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:136 Resp: 3516

Ion	Ratio	Lower	Upper
136	100		
137	13.6	13.8	20.8#
54	24.9	35.4	53.2#
68	6.9	8.8	13.2#



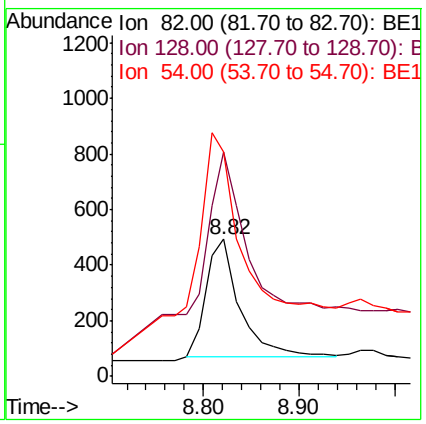


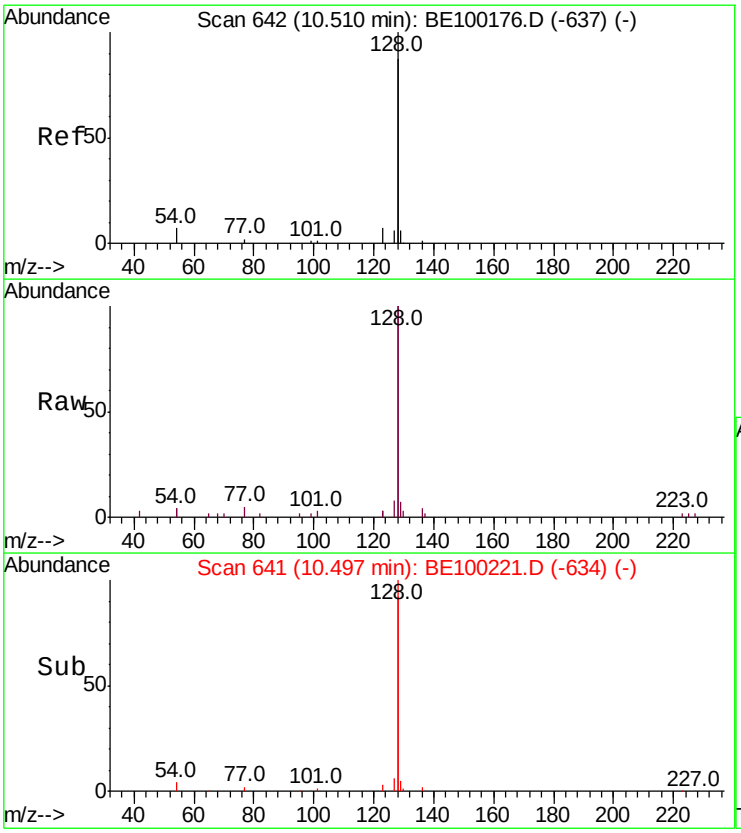
#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1044

Ion	Ratio	Lower	Upper
82	100		
128	163.9	144.6	217.0
54	163.9	163.0	244.6

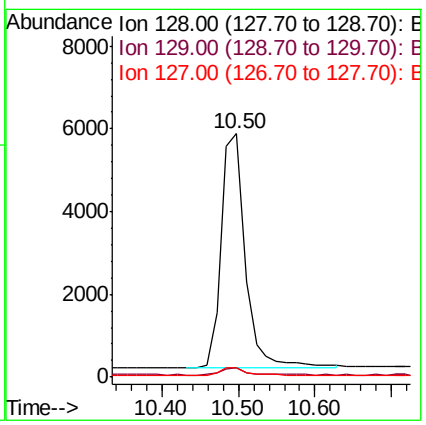


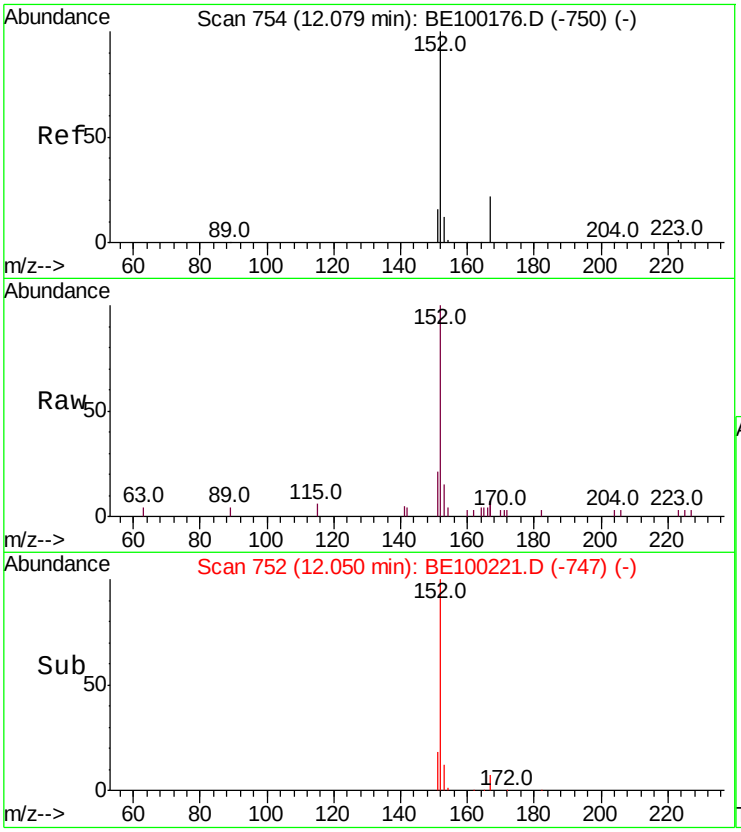


#9
Naphthalene
Concen: 0.326 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:128 Resp: 12495

Ion	Ratio	Lower	Upper
128	100		
129	3.7	3.6	5.4
127	3.8	3.8	5.8#



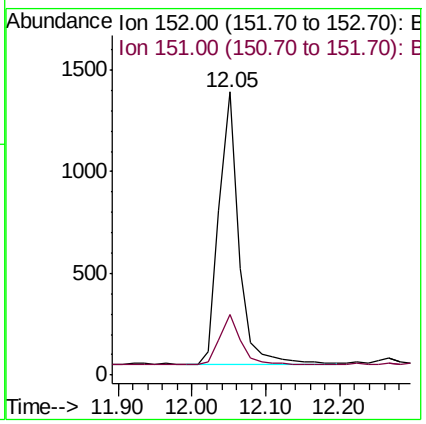


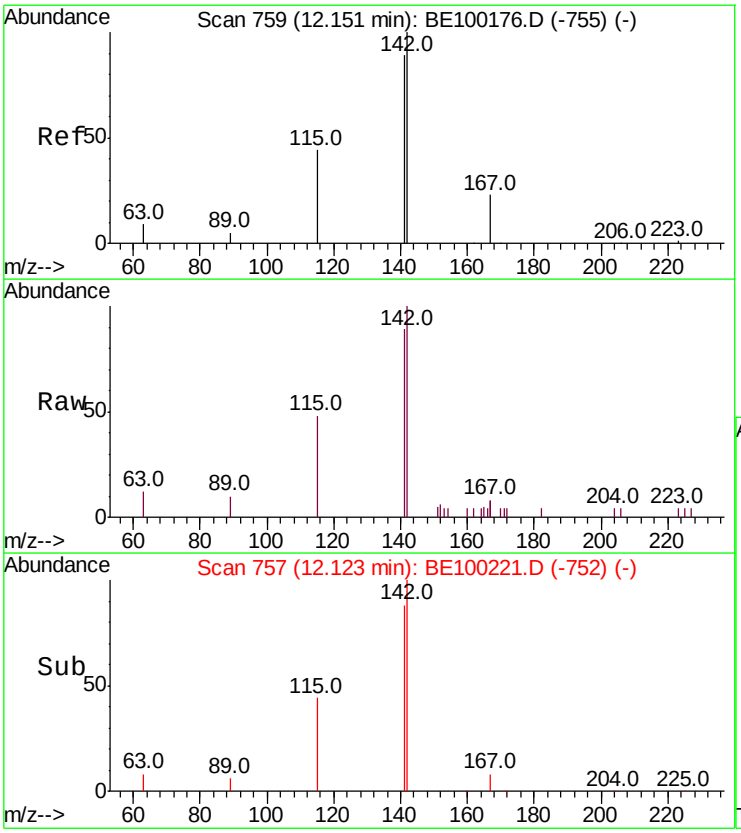
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2496

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5

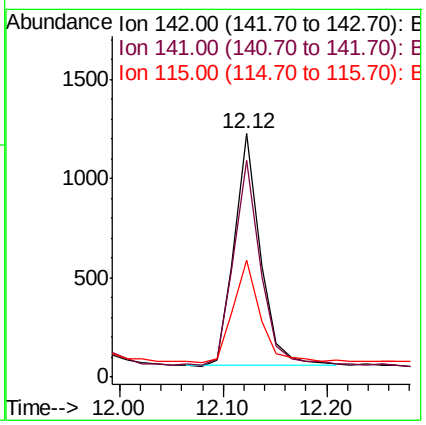


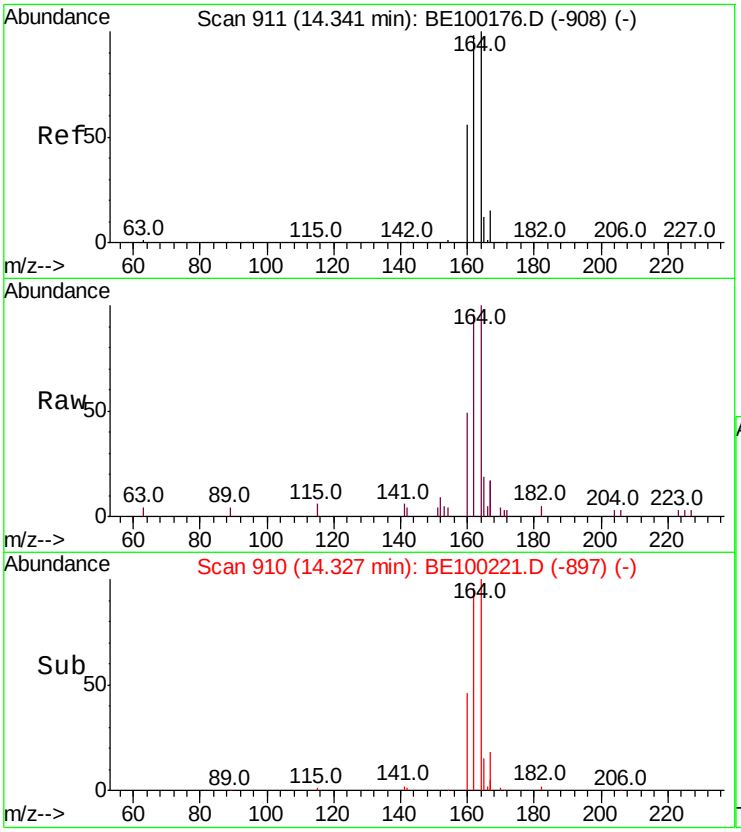


#12
2-Methylnaphthalene
Concen: 0.332 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:142 Resp: 2050

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.8	107.8
115	47.9	40.4	60.6



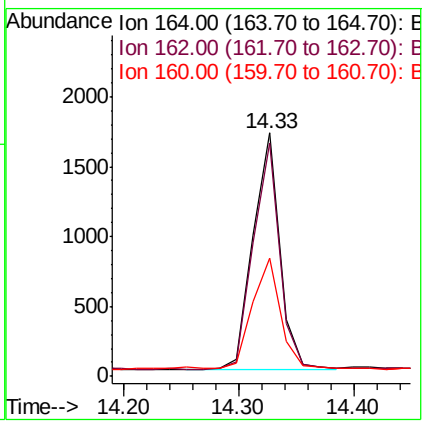


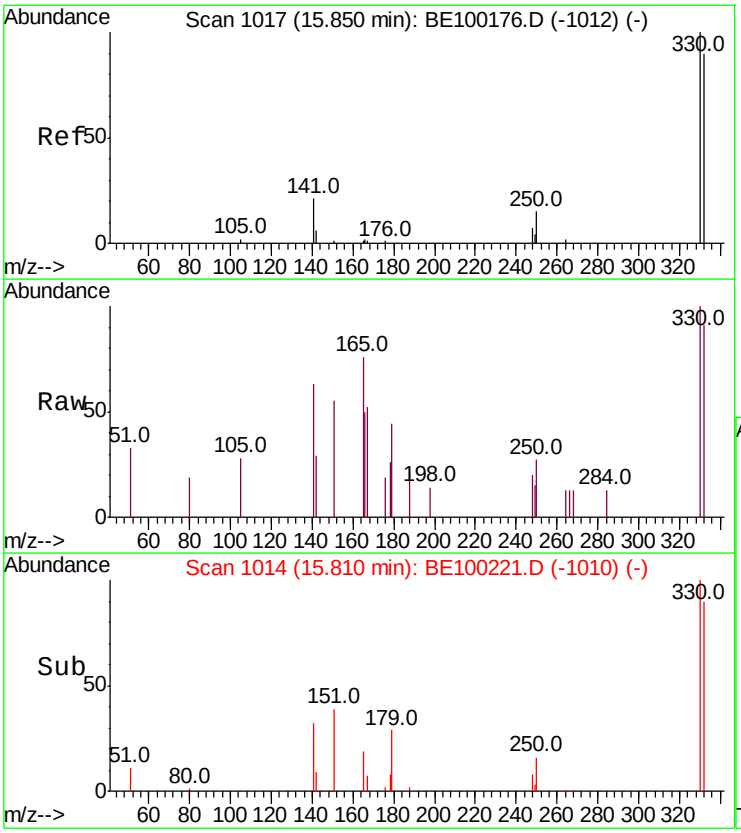
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2715

Ion	Ratio	Lower	Upper
164	100		
162	95.8	78.6	118.0
160	48.5	46.9	70.3

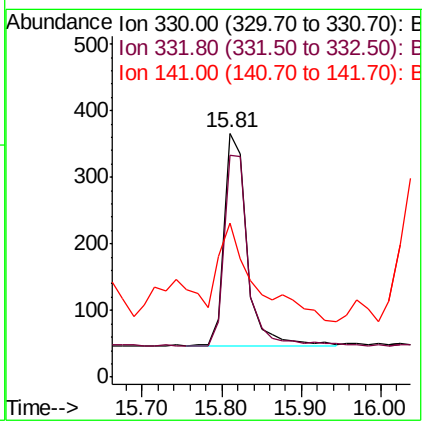


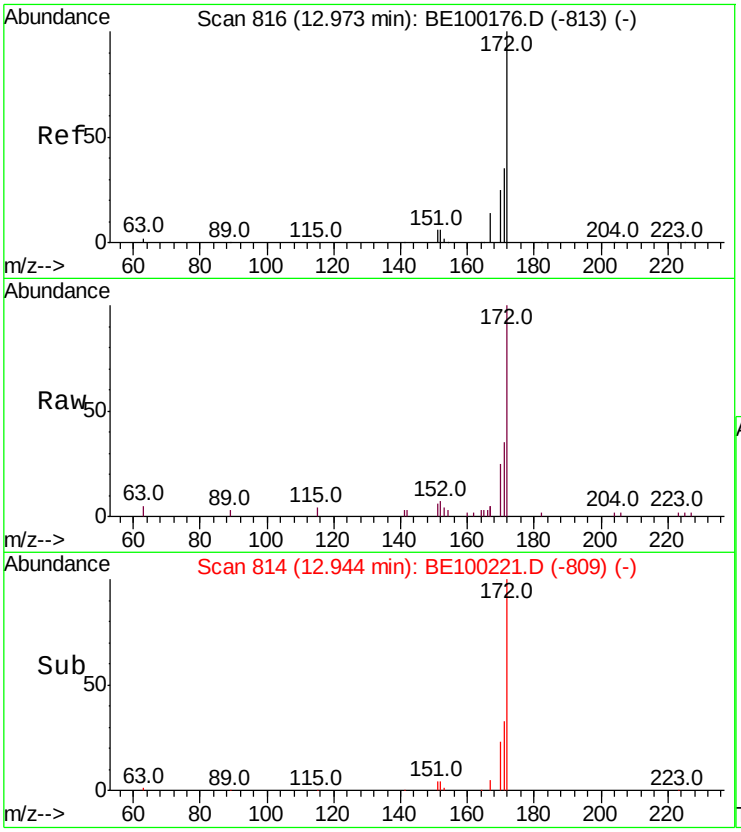


#14
2,4,6-Tribromophenol
Concen: 0.409 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.04 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:330 Resp: 643

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	73.6	18.9	28.3#



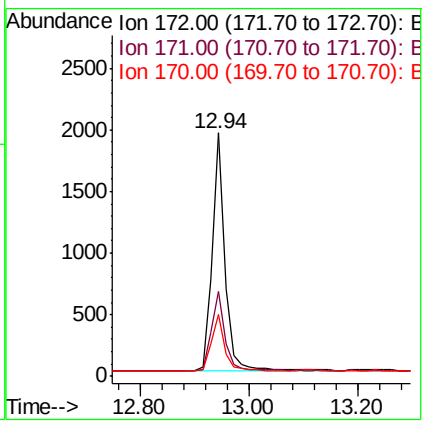


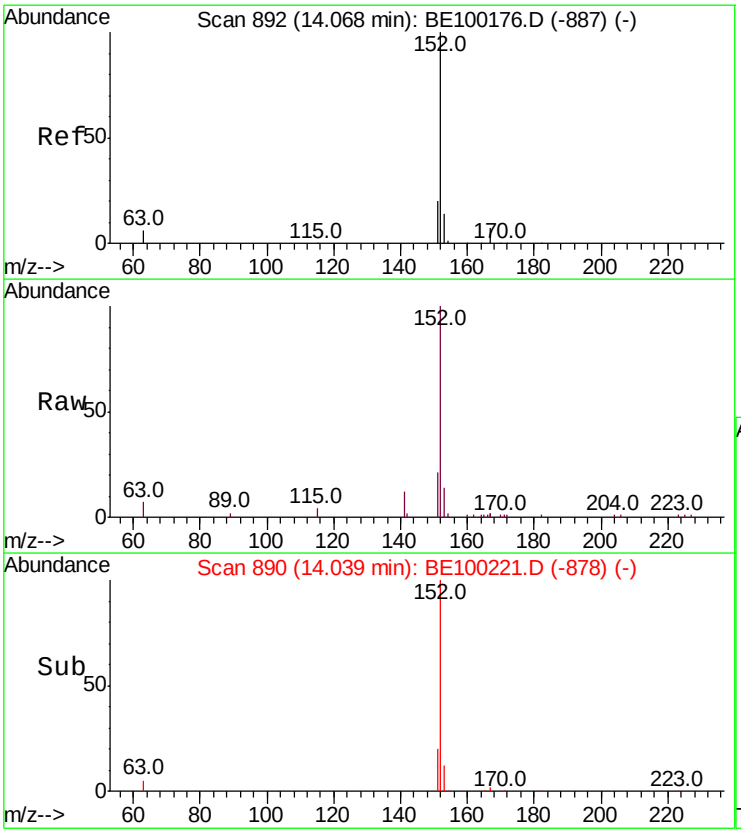
#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3178

Ion	Ratio	Lower	Upper
172	100		
171	35.0	31.0	46.4
170	25.2	23.9	35.9

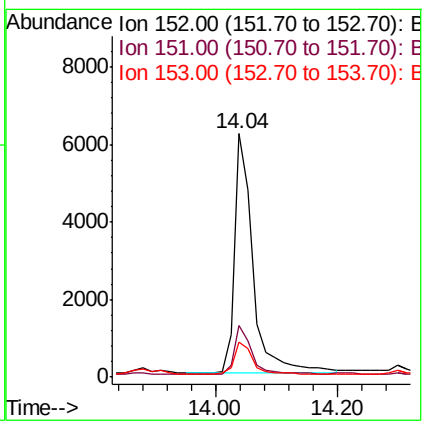


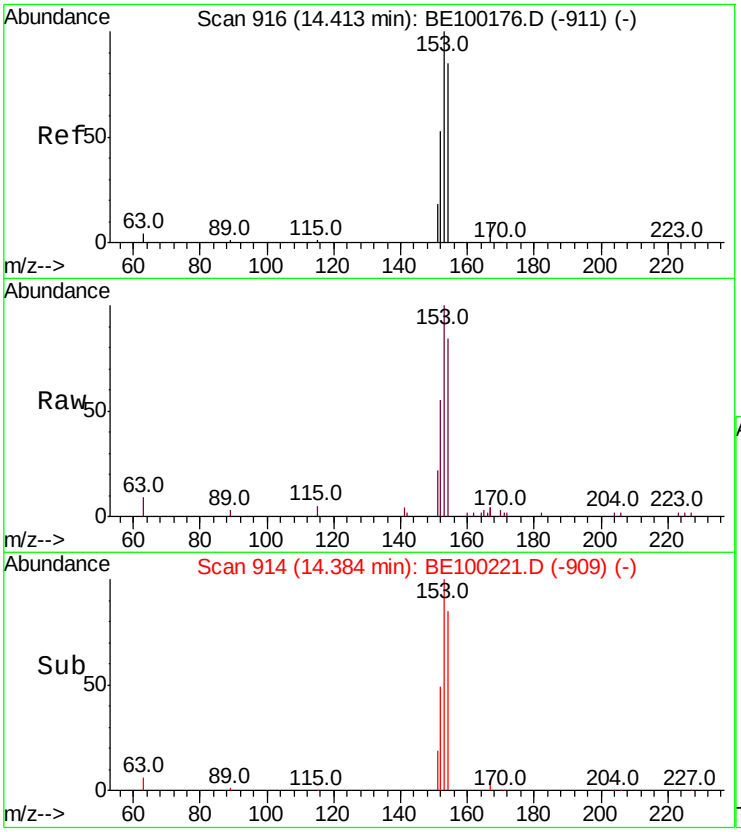


#16
Acenaphthylene
Concen: 0.994 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:152 Resp: 13158

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0
153	13.4	10.8	16.2



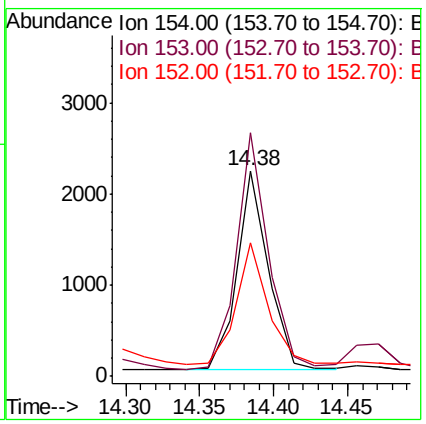


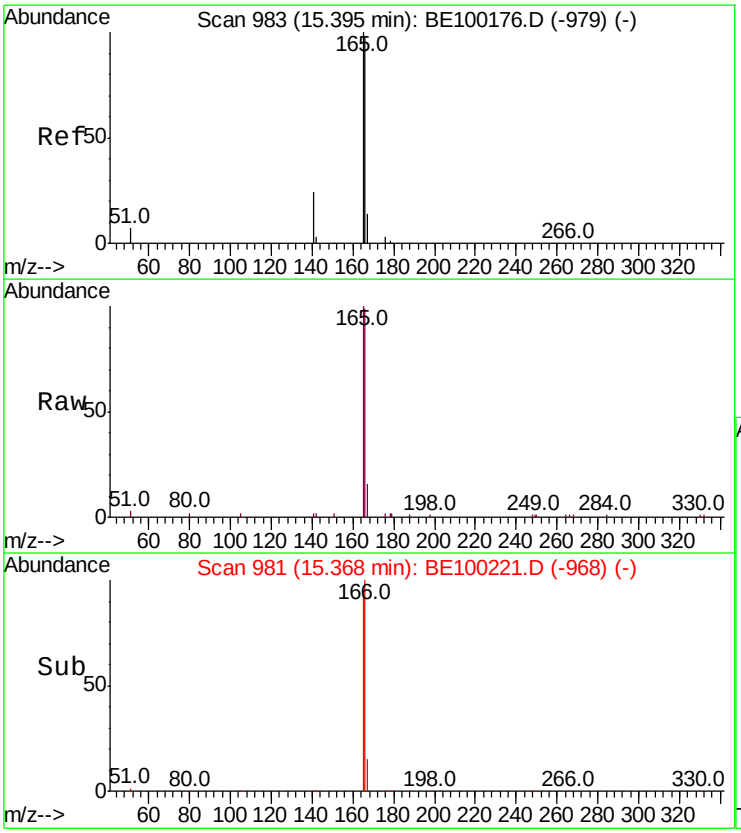
#17
Acenaphthene
Concen: 0.437 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3239

Ion	Ratio	Lower	Upper
154	100		
153	119.8	95.3	142.9
152	62.6	52.9	79.3

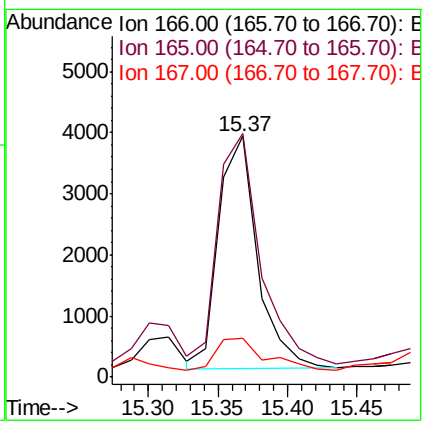


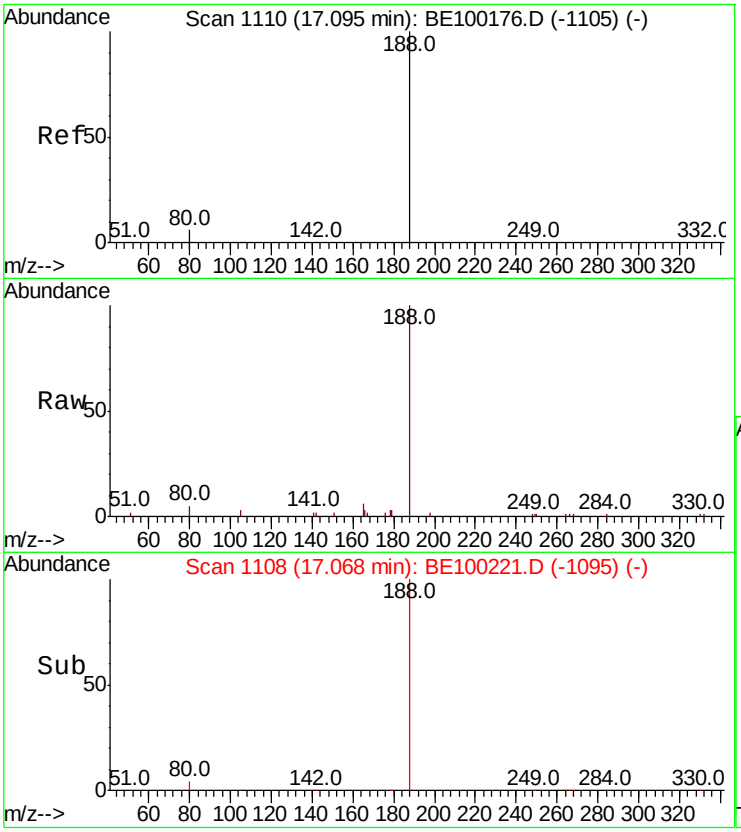


#18
Fluorene
Concen: 0.681 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:166 Resp: 7304

Ion	Ratio	Lower	Upper
166	100		
165	108.2	81.0	121.4
167	18.3	11.4	17.0#



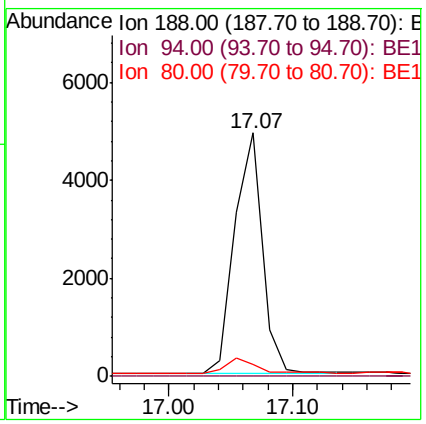


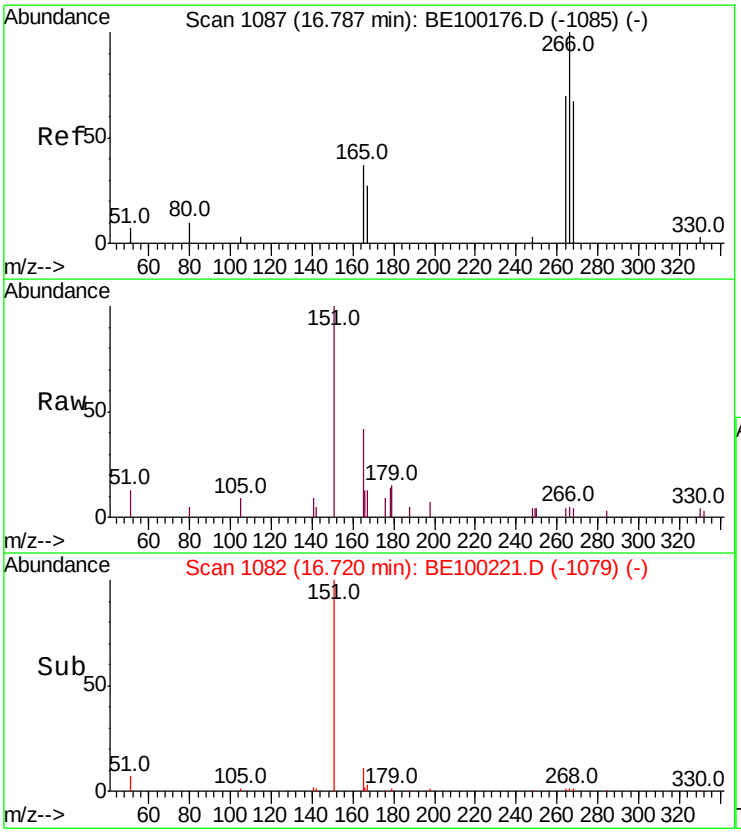
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7621

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.1	6.4	9.6#

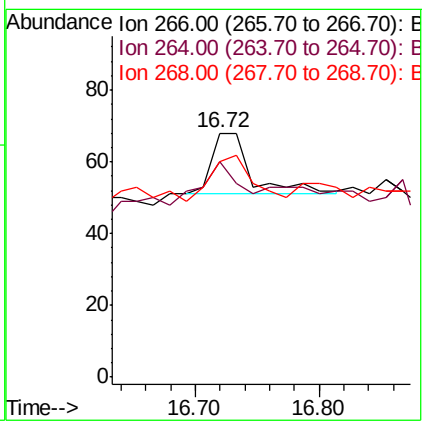


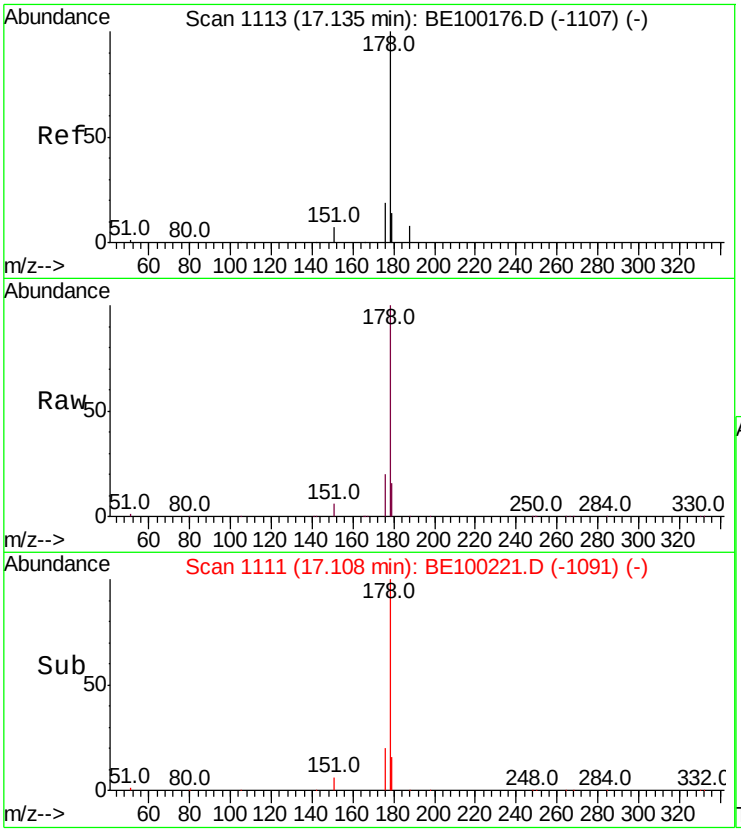


#22
Pentachlorophenol
Concen: 0.294 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.07 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:266 Resp: 39

Ion	Ratio	Lower	Upper
266	100		
264	88.2	67.7	101.5
268	88.2	69.8	104.6



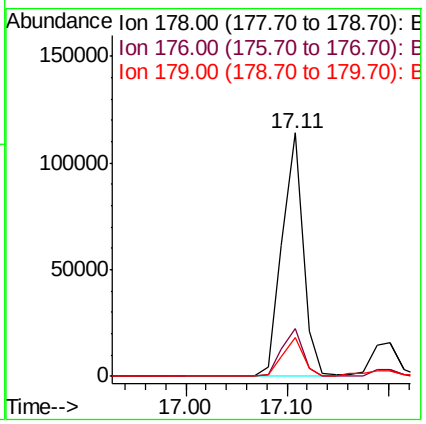


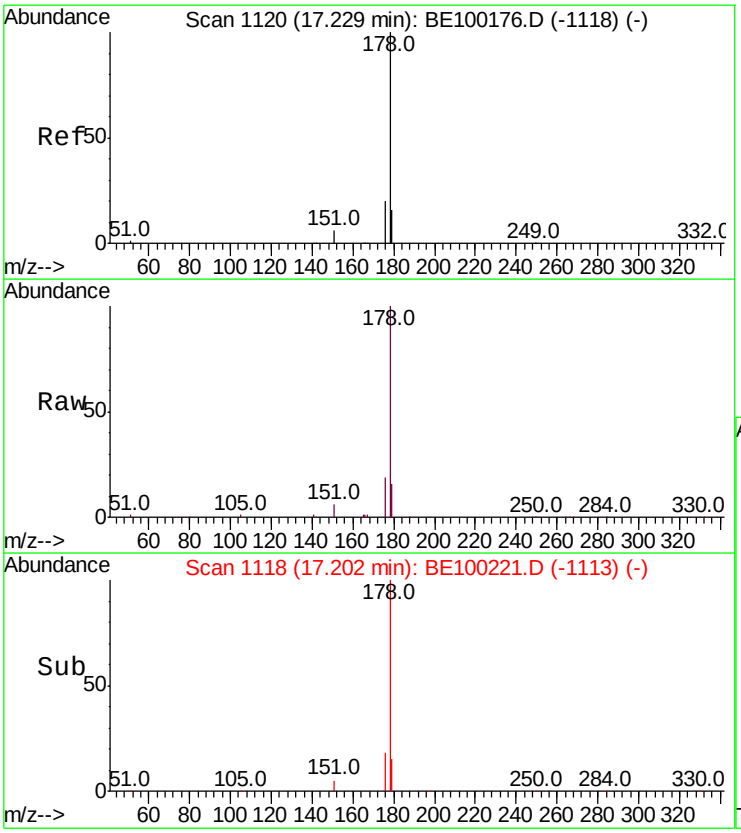
#23
Phenanthrene
Concen: 9.032 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 163037

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.6	12.2	18.2

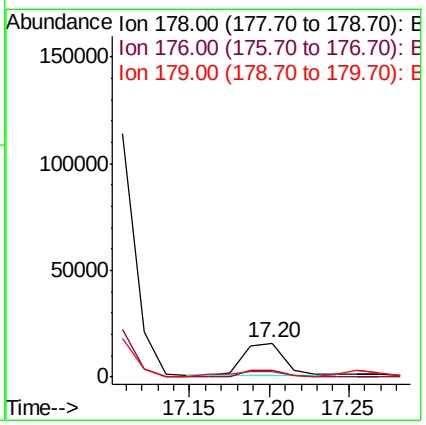


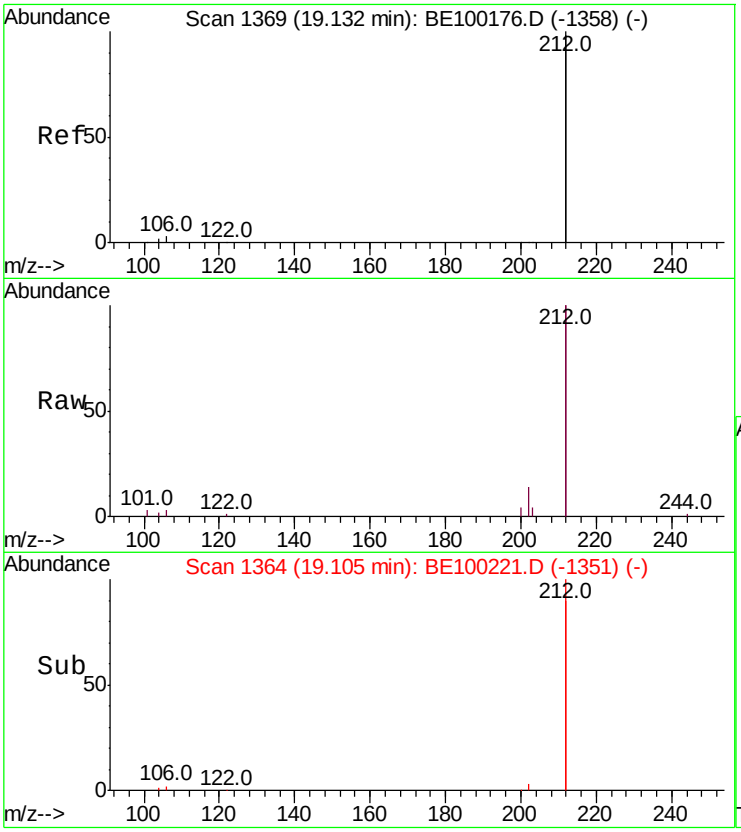


#24
Anthracene
Concen: 1.788 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:178 Resp: 27264

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	18.4	12.9	19.3



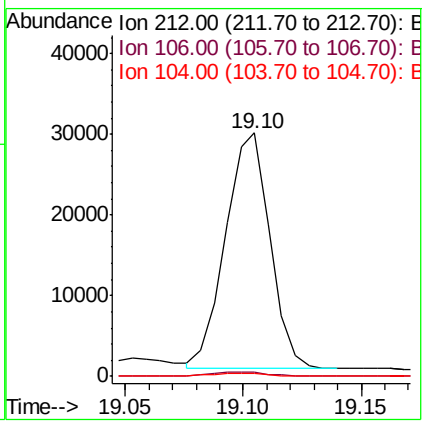


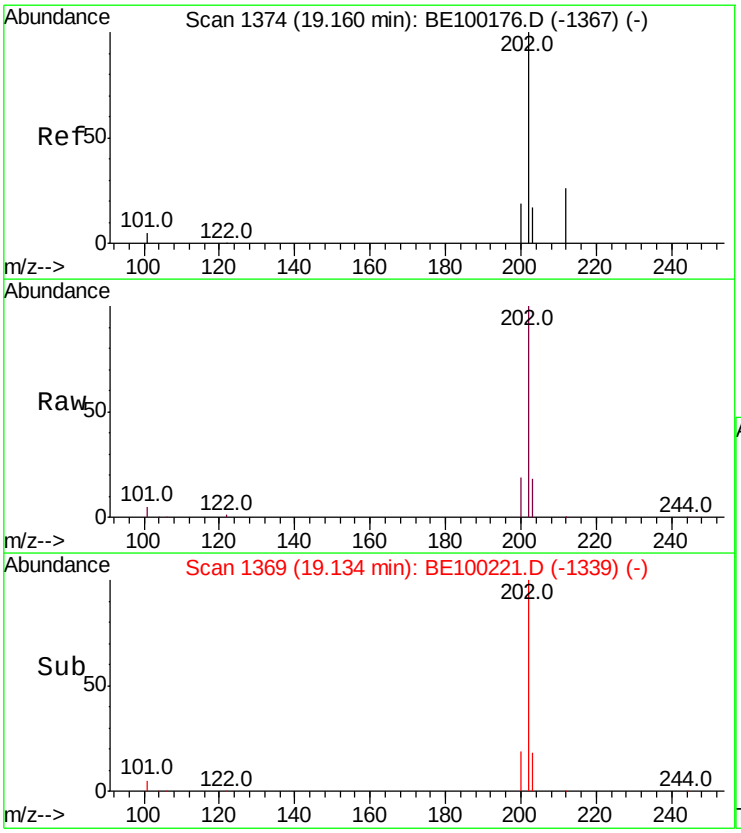
#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.10 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38283

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.7	1.1

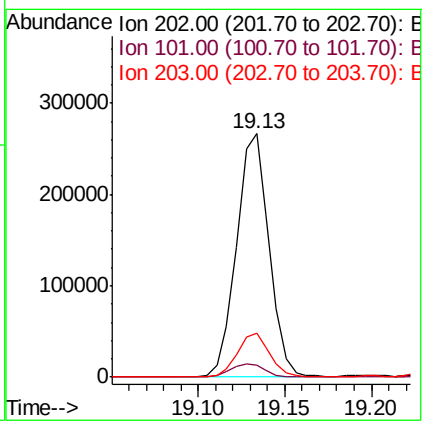


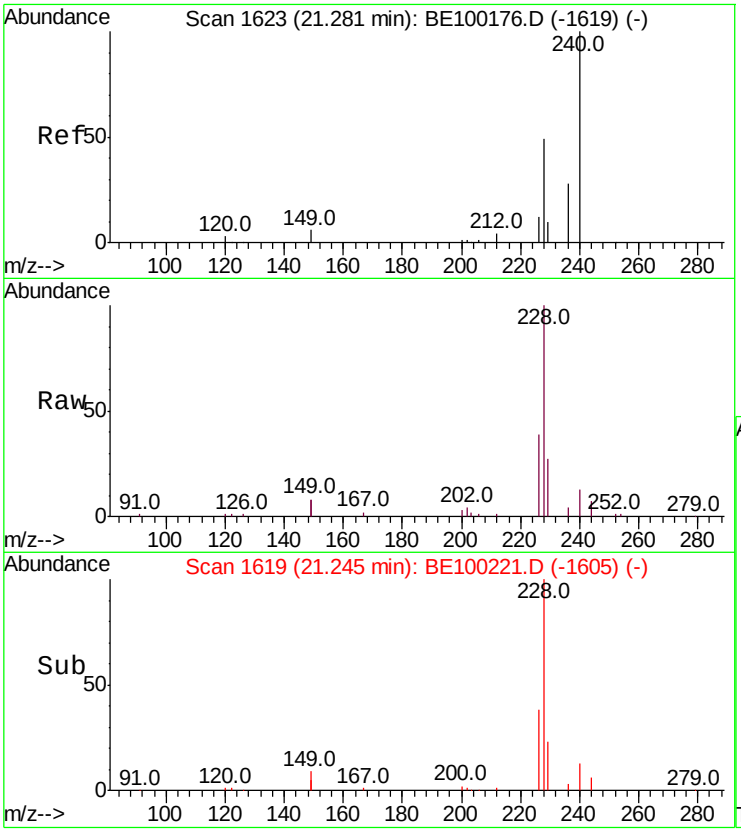


#26
Fluoranthene
Concen: 11.845 ng
RT: 19.13 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:202 Resp: 347866

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.5	6.7
203	17.8	13.7	20.5



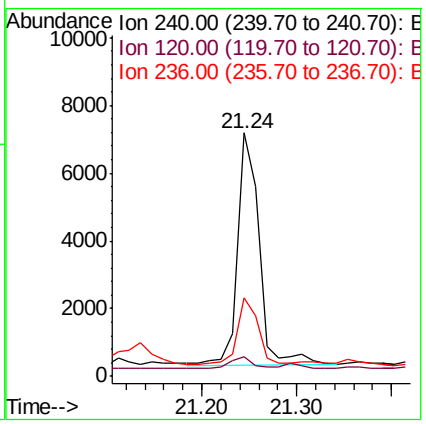


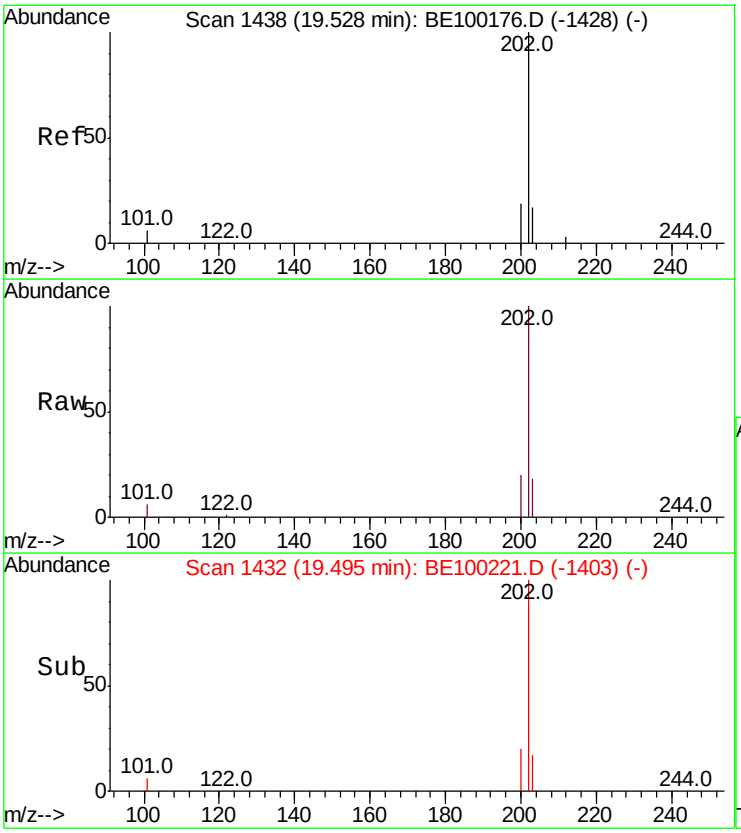
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10713

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.1	6.1#
236	32.0	23.0	34.6

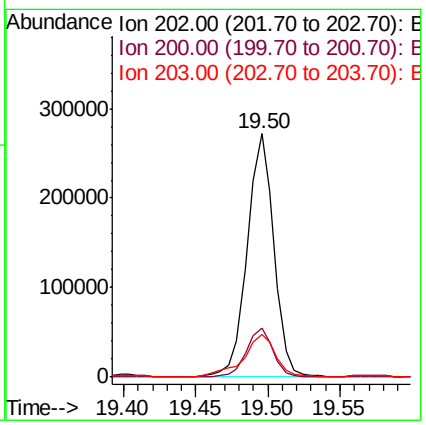


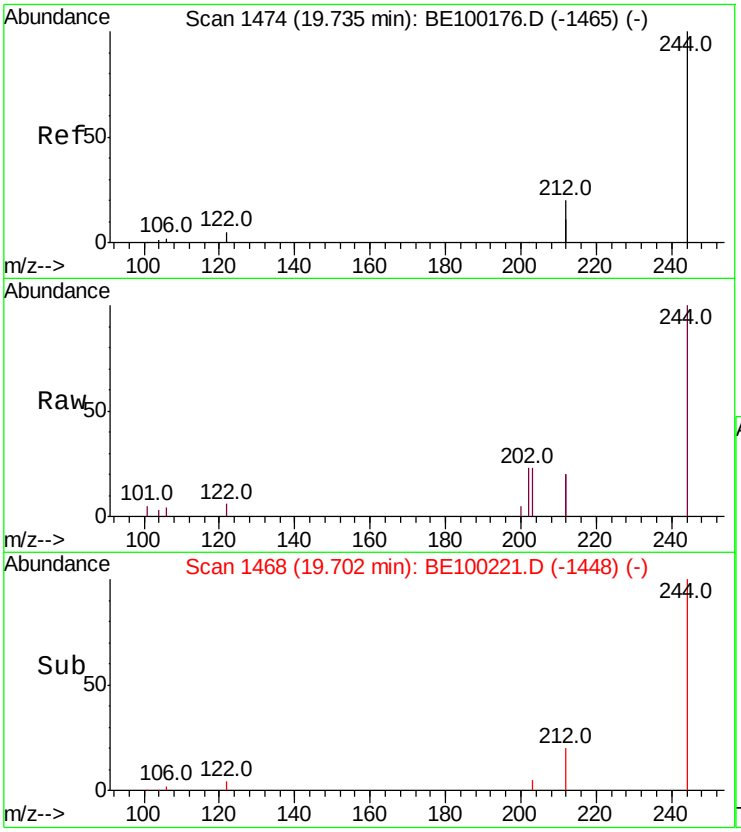


#28
Pyrene
Concen: 12.826 ng
RT: 19.50 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:202 Resp: 351887

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.5	23.3
203	20.9	13.9	20.9#



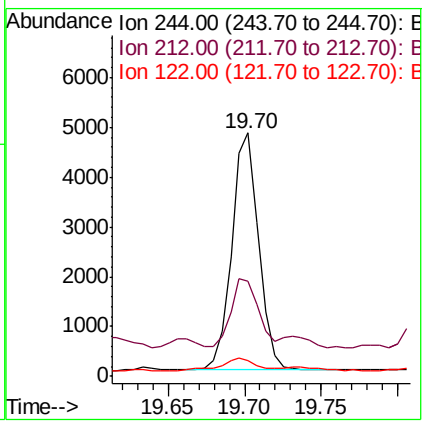


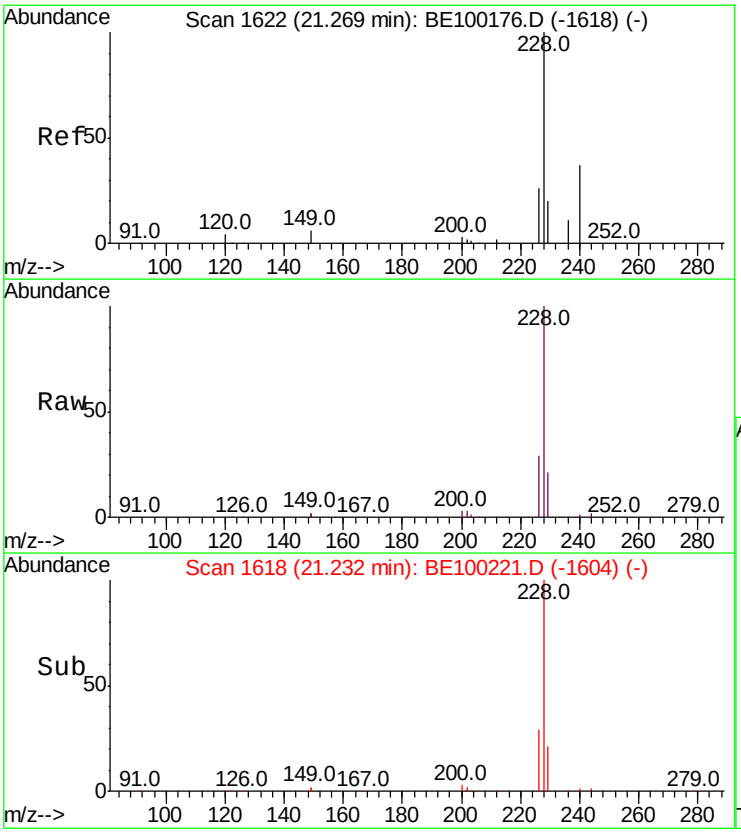
#29
Terphenyl-d14
Concen: 0.278 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5858

Ion	Ratio	Lower	Upper
244	100		
212	39.1	30.7	46.1
122	6.4	5.8	8.6

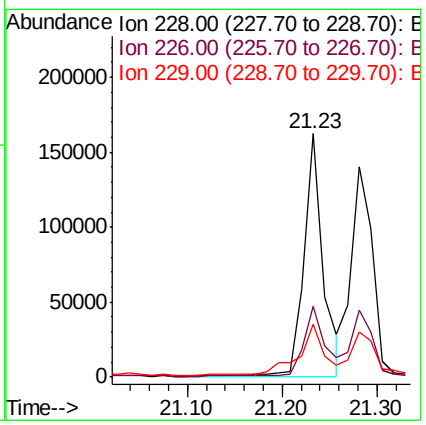


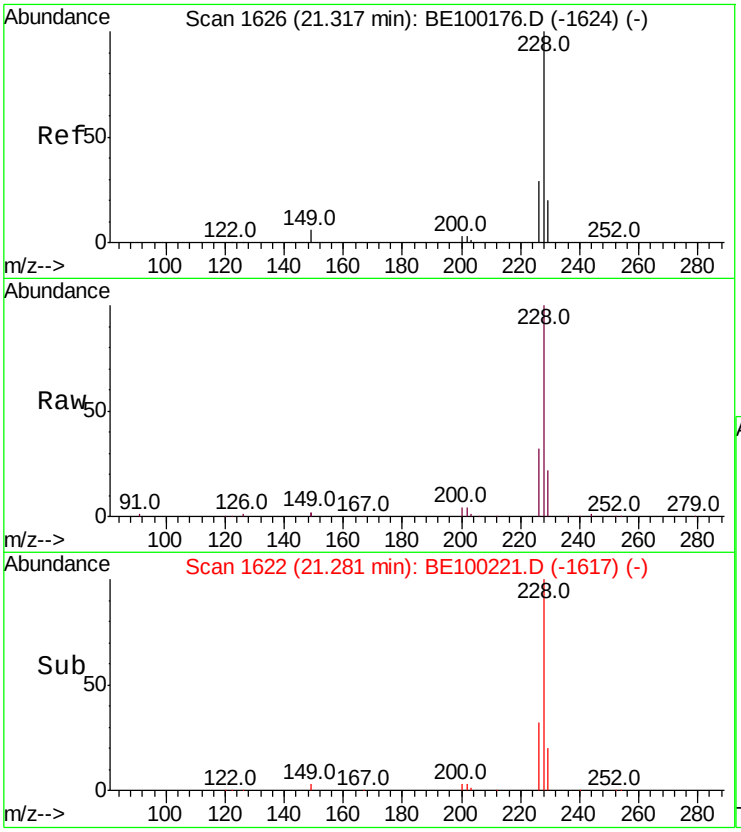


#30
Benzo(a)anthracene
Concen: 7.071 ng
RT: 21.23 min Scan# 1618
Delta R.T. -0.04 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:228 Resp: 223339

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.5	32.3
229	21.5	17.2	25.8



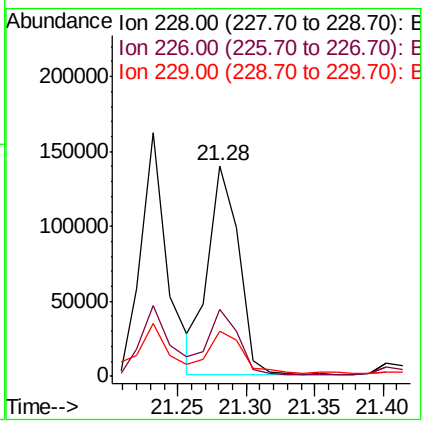


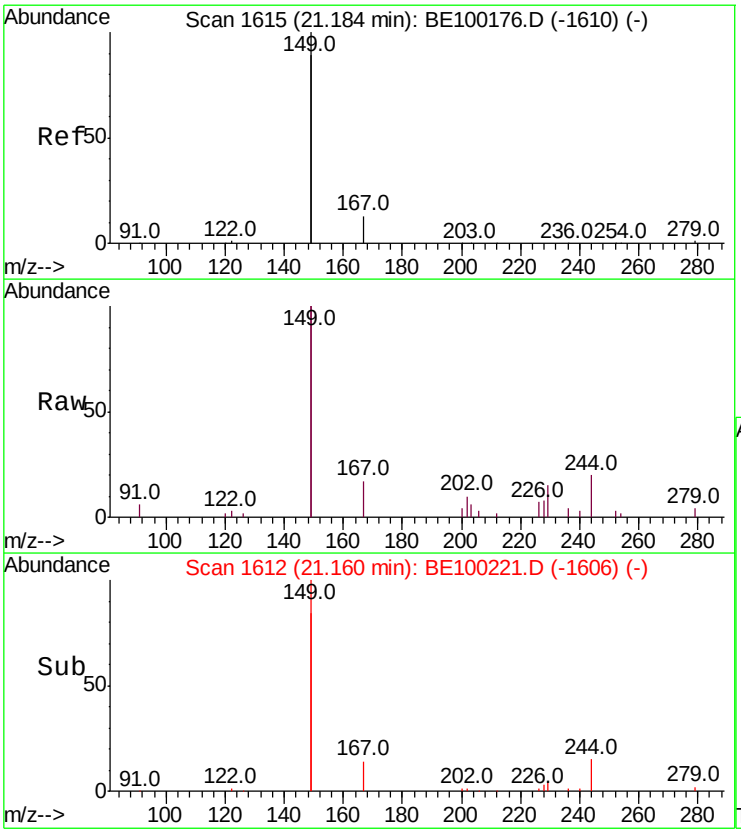
#31
Chrysene
Concen: 5.765 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.04 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 213587

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.7	35.5
229	21.7	16.5	24.7

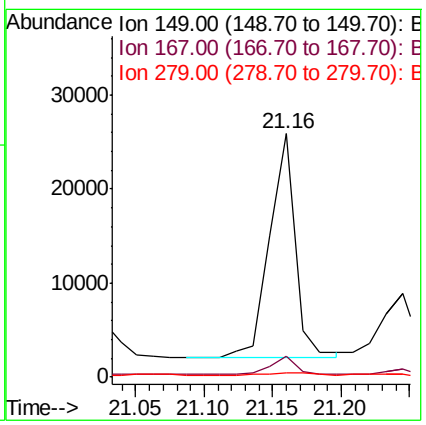


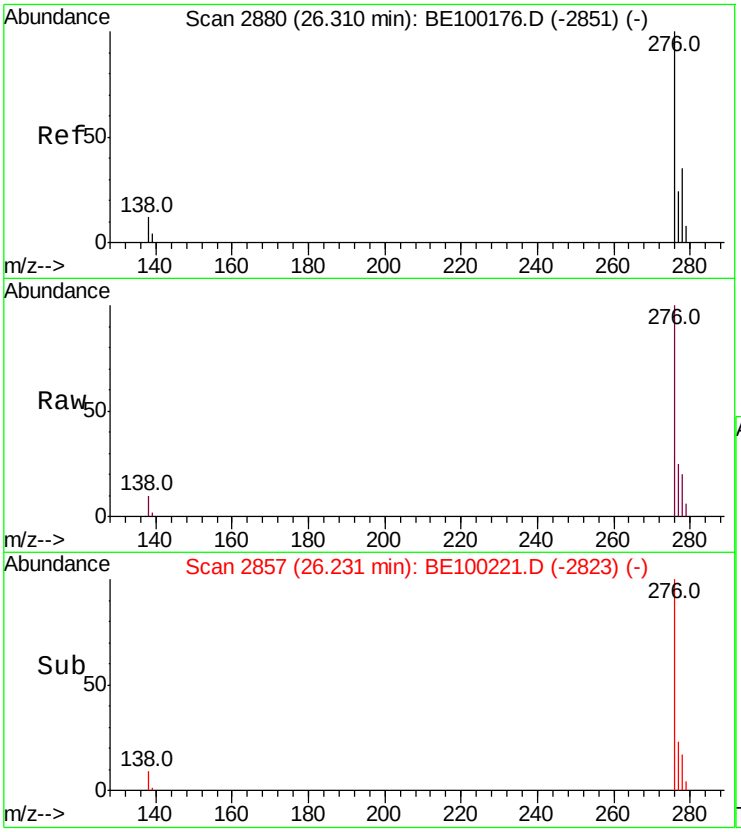


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.852 ng
RT: 21.16 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:149 Resp: 30945

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.5	1.0	1.6



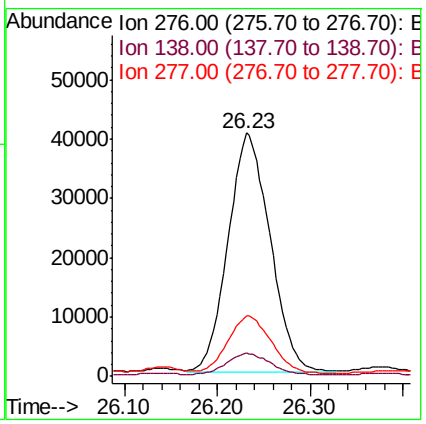


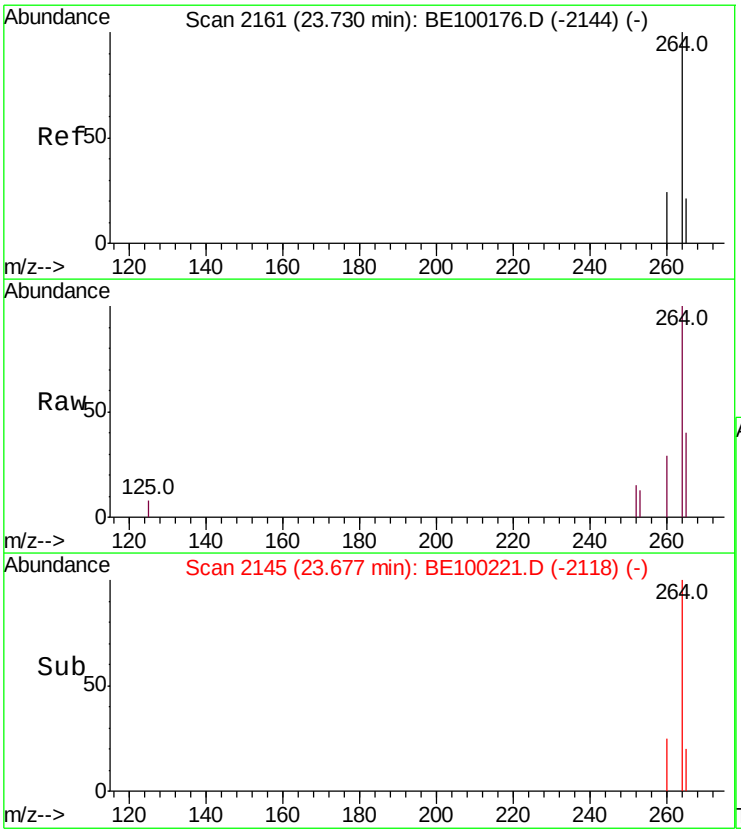
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.405 ng
RT: 26.23 min Scan# 2857
Delta R.T. -0.08 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 126825

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

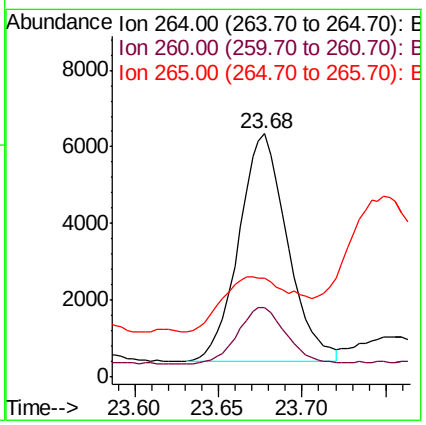


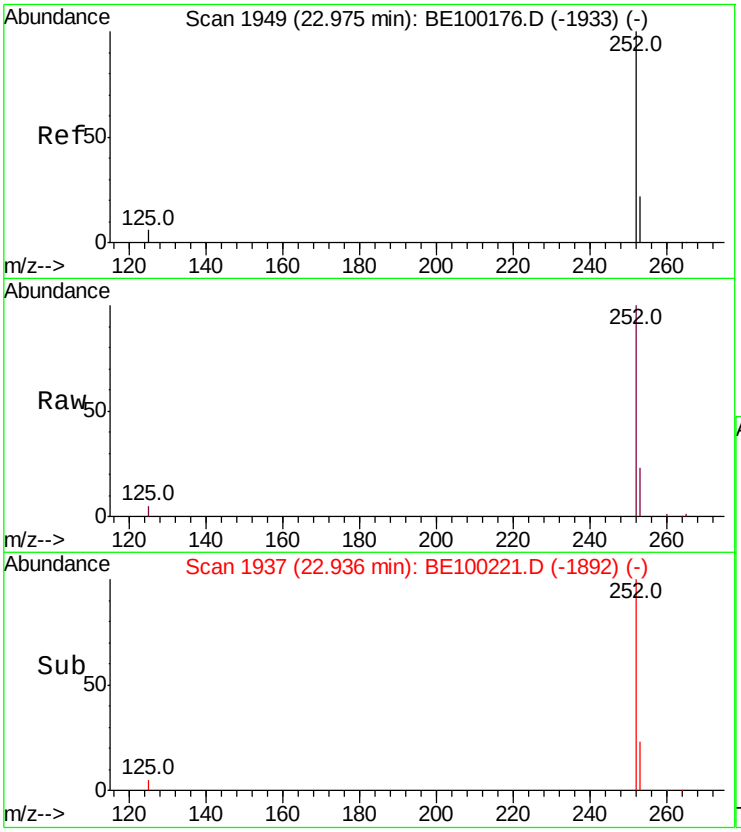


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2145
Delta R.T. -0.05 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:264 Resp: 11956

Ion	Ratio	Lower	Upper
264	100		
260	28.6	20.4	30.6
265	40.5	22.5	33.7#



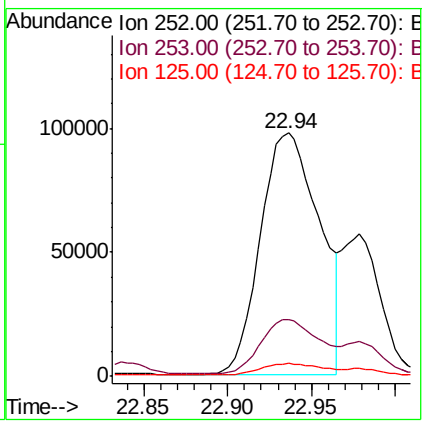


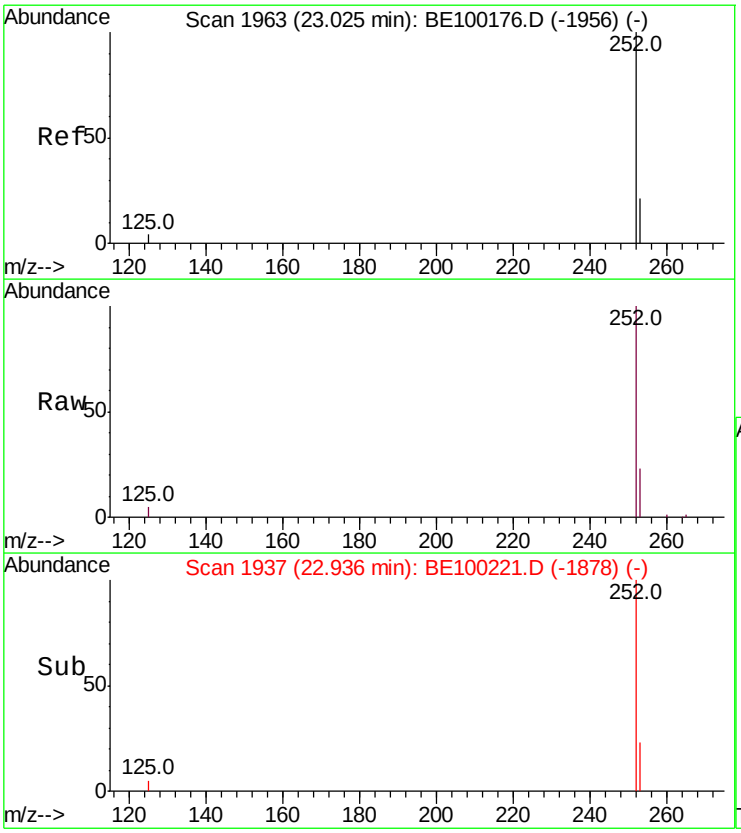
#35
Benzo(b)fluoranthene
Concen: 7.451 ng
RT: 22.94 min Scan# 1937
Delta R.T. -0.04 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 239589

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	5.2	6.3	9.5#

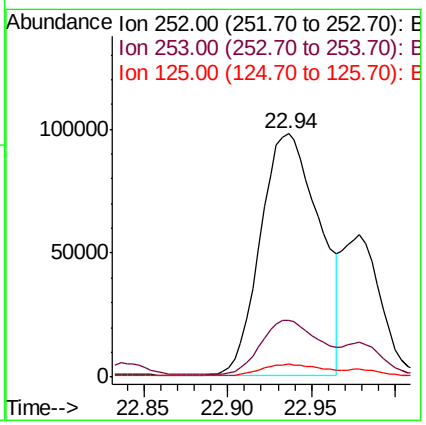


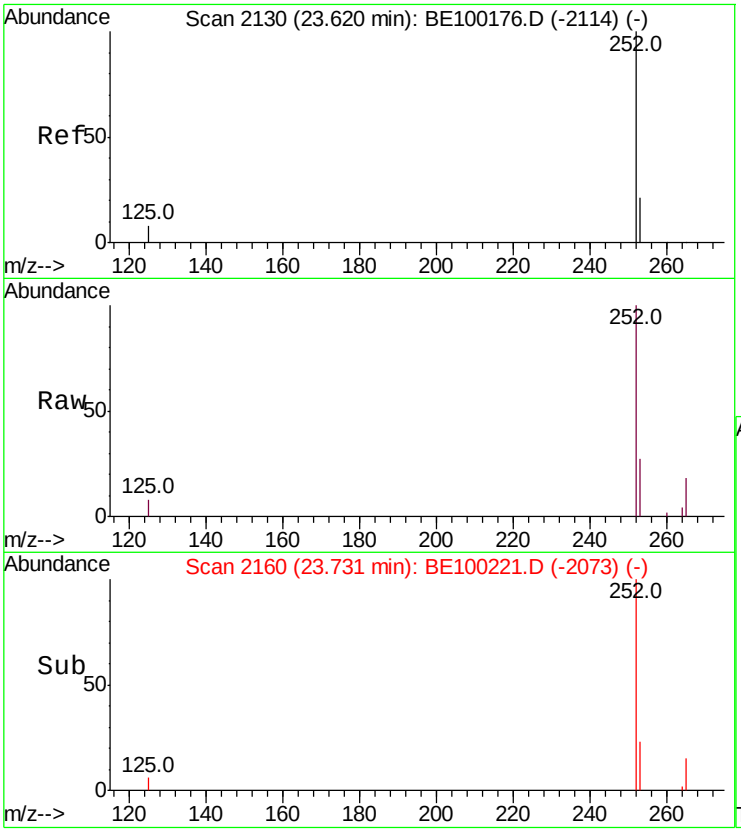


#36
Benzo(k)fluoranthene
Concen: 6.227 ng
RT: 22.94 min Scan# 1937
Delta R.T. -0.09 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:252 Resp: 239589

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	5.2	5.0	7.4



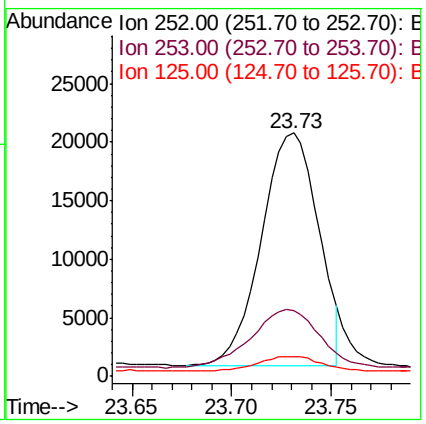


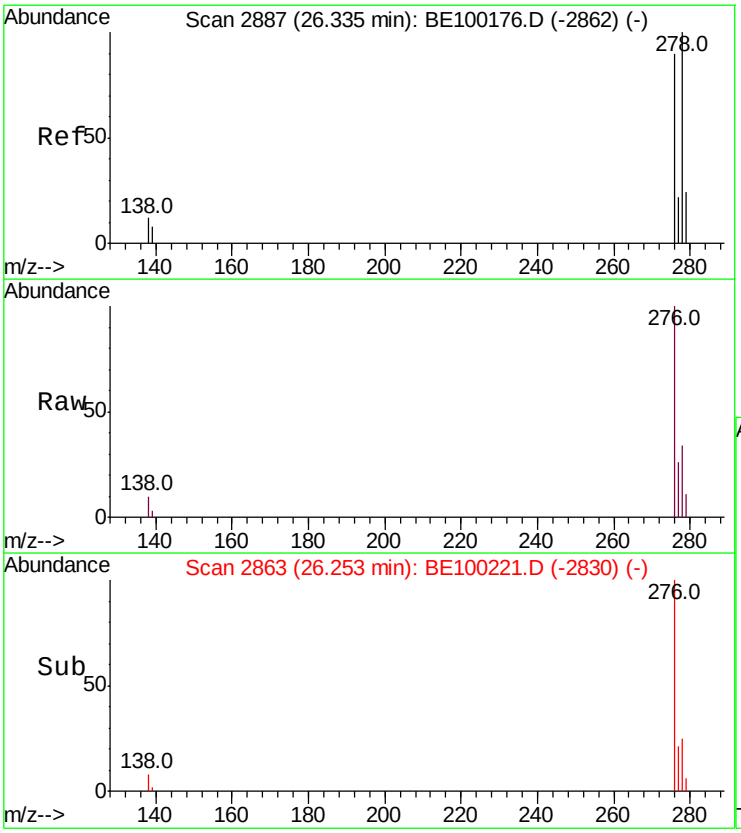
#37
Benzo(a)pyrene
Concen: 1.180 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.11 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 39324

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.2	28.8
125	8.3	8.2	12.2

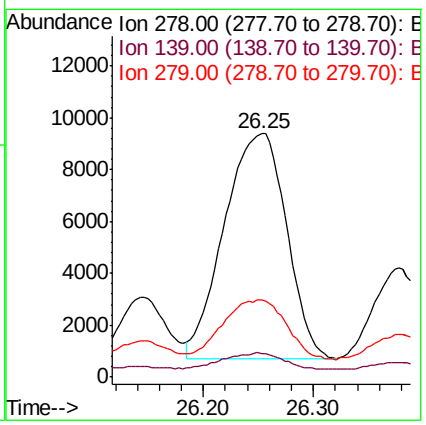


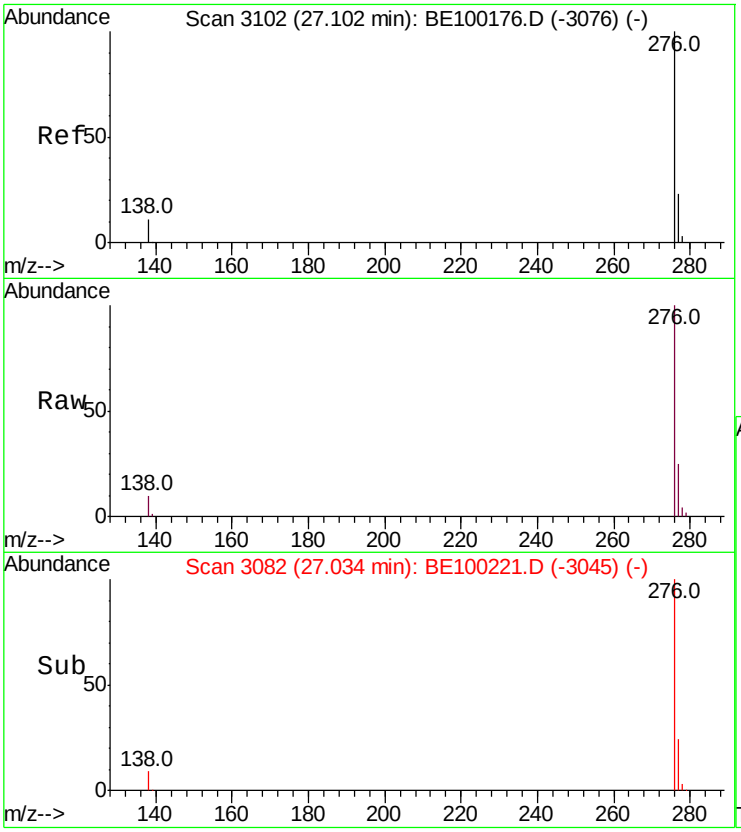


#38
Dibenzo(a,h)anthracene
Concen: 0.955 ng
RT: 26.25 min Scan# 2863
Delta R.T. -0.08 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Tgt Ion:278 Resp: 34042

Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.0	13.4
279	31.8	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 3.405 ng
RT: 27.03 min Scan# 3082
Delta R.T. -0.07 min
Lab File: BE100221.D
Acq: 28 Jun 2019 1:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 126698

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.6
138	9.6	10.2	15.4#