Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
Data File : BE100211.D
Acq On : 27 Jun 2019 19:04
Operator : JU/SJ
Sample : K3428-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 28 05:37:20 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	773	0.40	ng		-0.01
7) Naphthalene-d8	10.45	136	2680	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	2114	0.40	ng		-0.01
19) Phenanthrene-d10	17.05	188	6453	0.40	ng		-0.04
27) Chrysene-d12	21.24	240	8267	0.40	ng		-0.04
34) Perylene-d12	23.67	264	10056	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	504	0.29	ng		-0.01
5) Phenol-d6	6.84	99	732	0.31	ng		-0.04
8) Nitrobenzene-d5	8.83	82	666	0.25	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1891	0.38	ng		-0.03
14) 2,4,6-Tribromophenol	15.82	330	334	0.27	ng		-0.03
15) 2-Fluorobiphenyl	12.94	172	2194	0.26	ng		-0.03
25) Fluoranthene-d10	19.10	212	35105	0.38	ng		-0.03
29) Terphenyl-d14	19.69	244	4446	0.27	ng		-0.04
Target Compounds							Qvalue
9) Naphthalene	10.50	128	1840	0.063	ng	#	91
12) 2-Methylnaphthalene	12.12	142	293	0.062	ng	#	90
16) Acenaphthylene	14.04	152	1261	0.122	ng		99
17) Acenaphthene	14.38	154	156	0.027	ng		92
18) Fluorene	15.37	166	366	0.044	ng		92
22) Pentachlorophenol	16.73	266	19	0.284	ng		90
23) Phenanthrene	17.11	178	9845	0.644	ng		99
24) Anthracene	17.20	178	1030	0.080	ng		93
26) Fluoranthene	19.13	202	21131	0.850	ng		99
28) Pyrene	19.49	202	26403	1.247	ng		97
30) Benzo(a)anthracene	21.23	228	14815	0.608	ng		93
31) Chrysene	21.28	228	17839	0.624	ng		96
32) Bis(2-ethylhexyl)phthalate	21.15	149	4340	0.155	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.21	276	9059	0.223	ng	#	96
35) Benzo(b)fluoranthene	22.93	252	17913	0.662	ng	#	97
36) Benzo(k)fluoranthene	22.93	252	17913	0.554	ng	#	95
37) Benzo(a)pyrene	23.56	252	13318	0.475	ng		98
38) Dibenzo(a,h)anthracene	26.24	278	2496	0.083	ng	#	73
39) Benzo(g,h,i)perylene	27.01	276	9815	0.314	ng		97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
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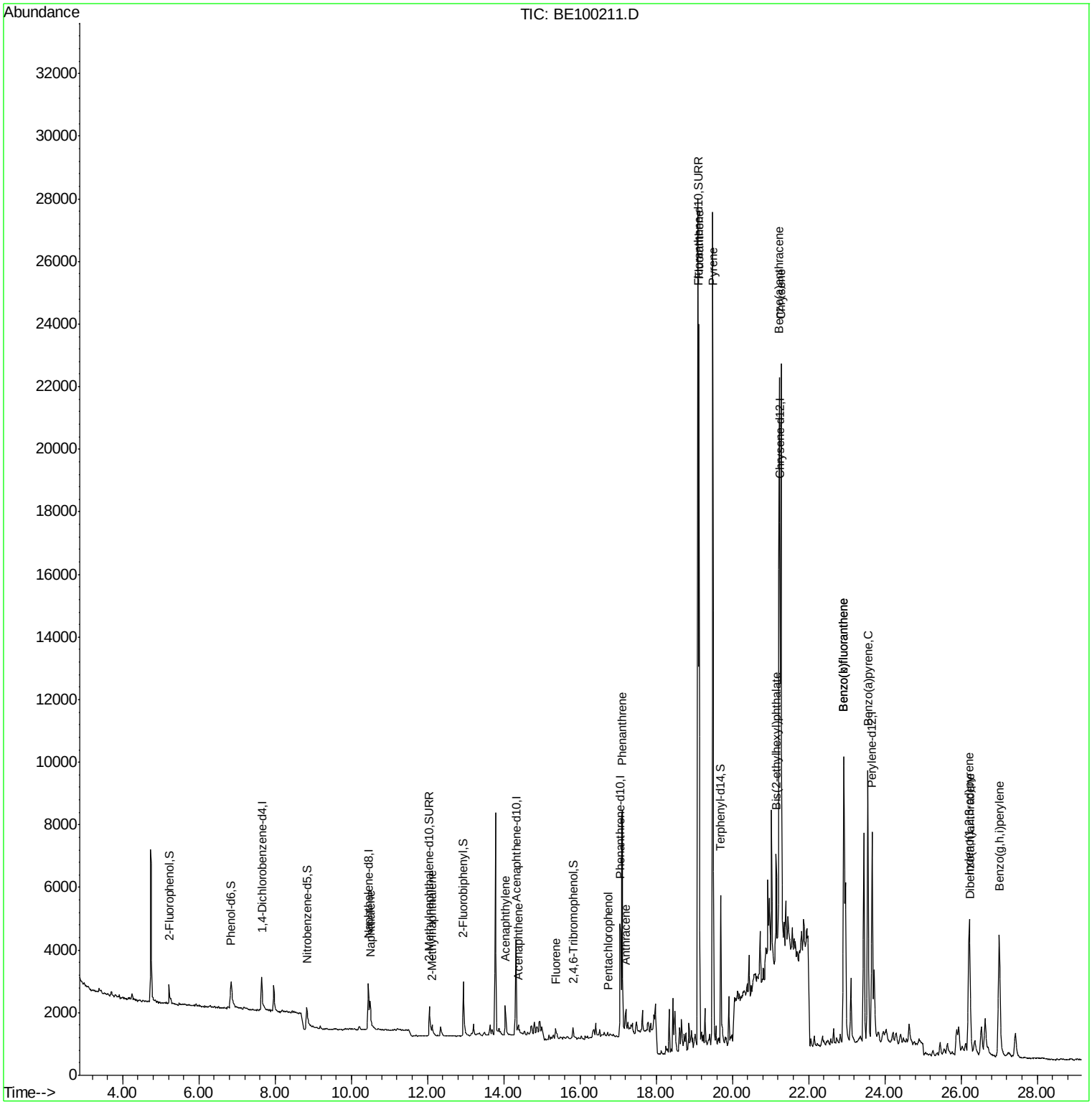
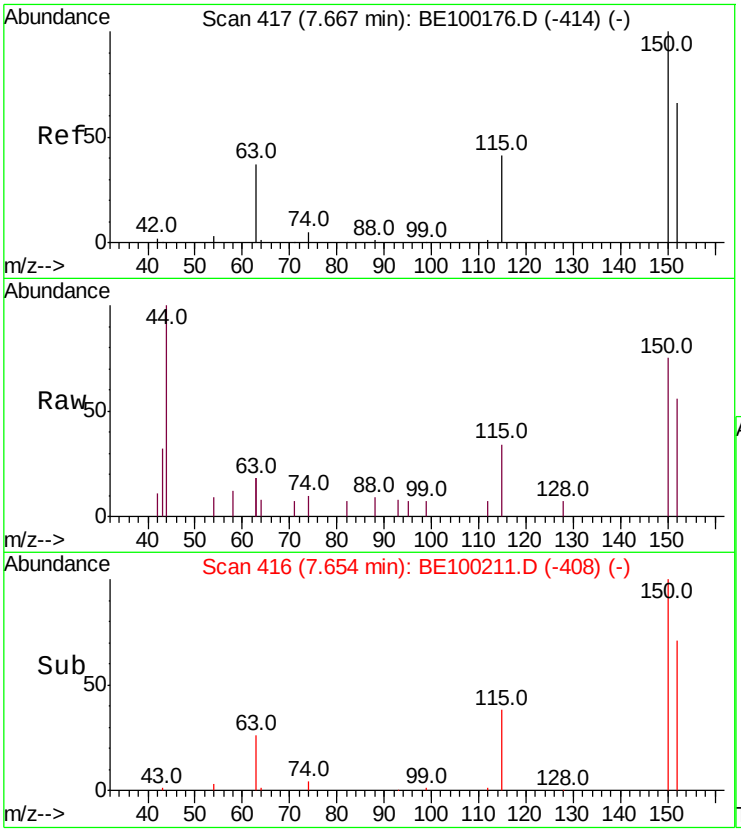


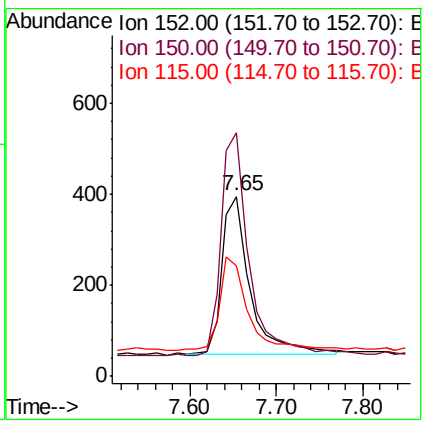


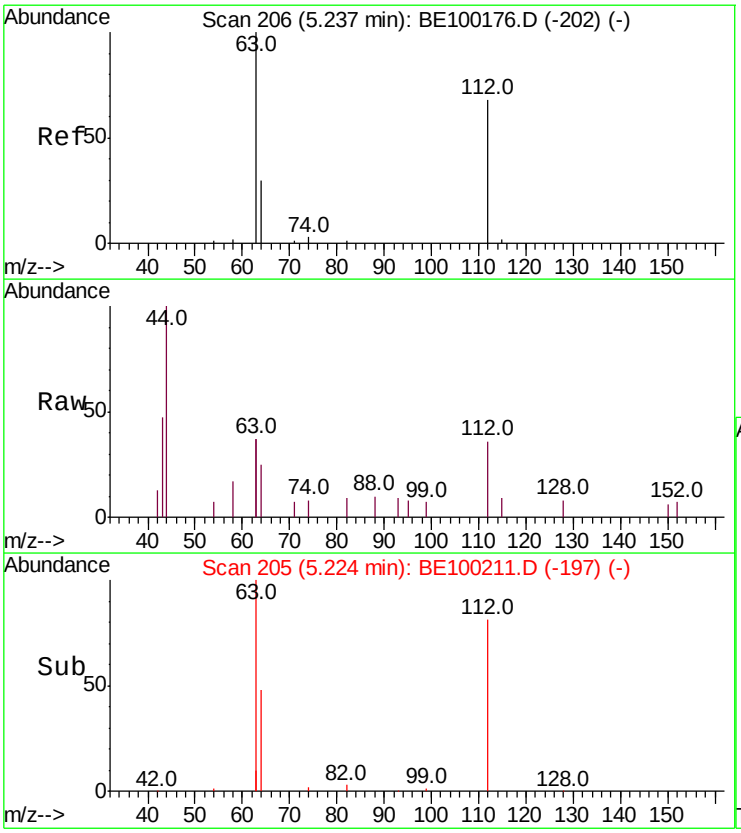
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 773

Ion	Ratio	Lower	Upper
152	100		
150	135.1	113.4	170.2
115	61.4	55.8	83.6

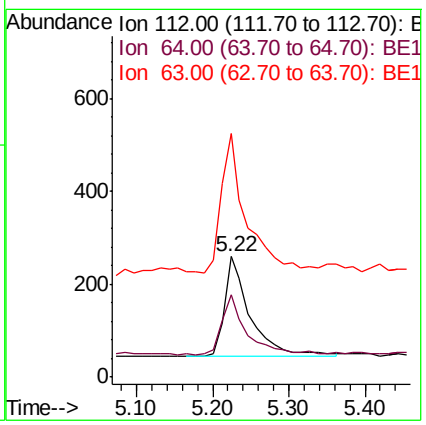


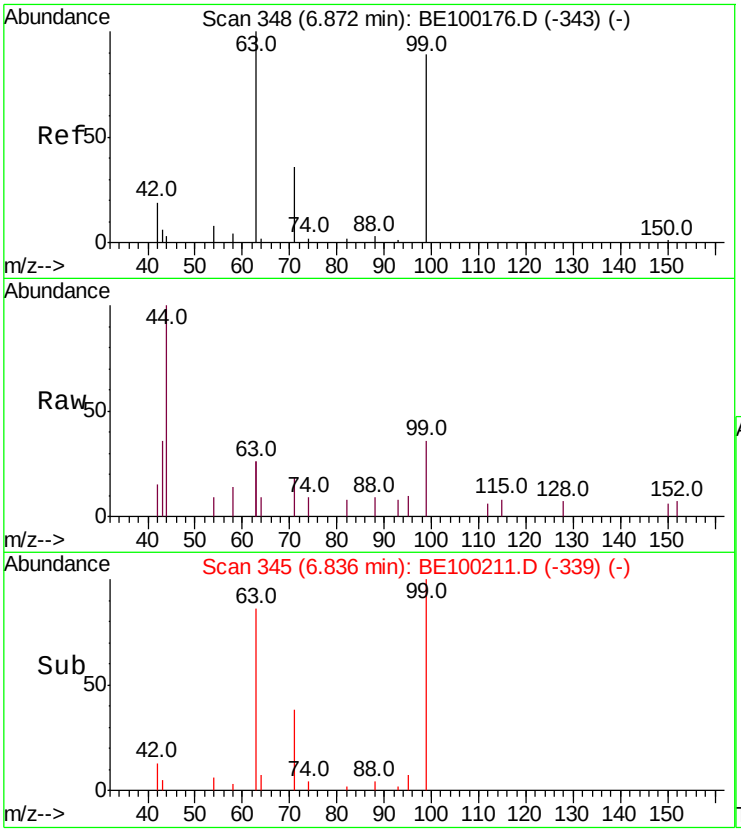


#4
2-Fluorophenol
Concen: 0.293 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:112 Resp: 504

Ion	Ratio	Lower	Upper
112	100		
64	58.7	40.7	61.1
63	136.3	93.2	139.8



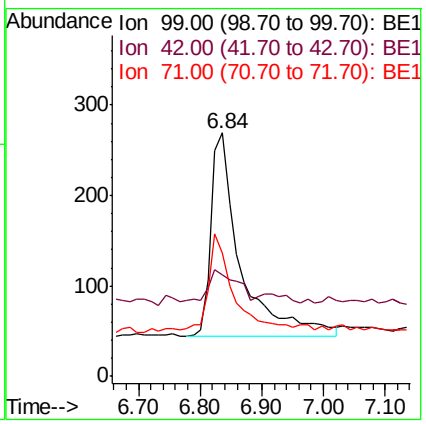


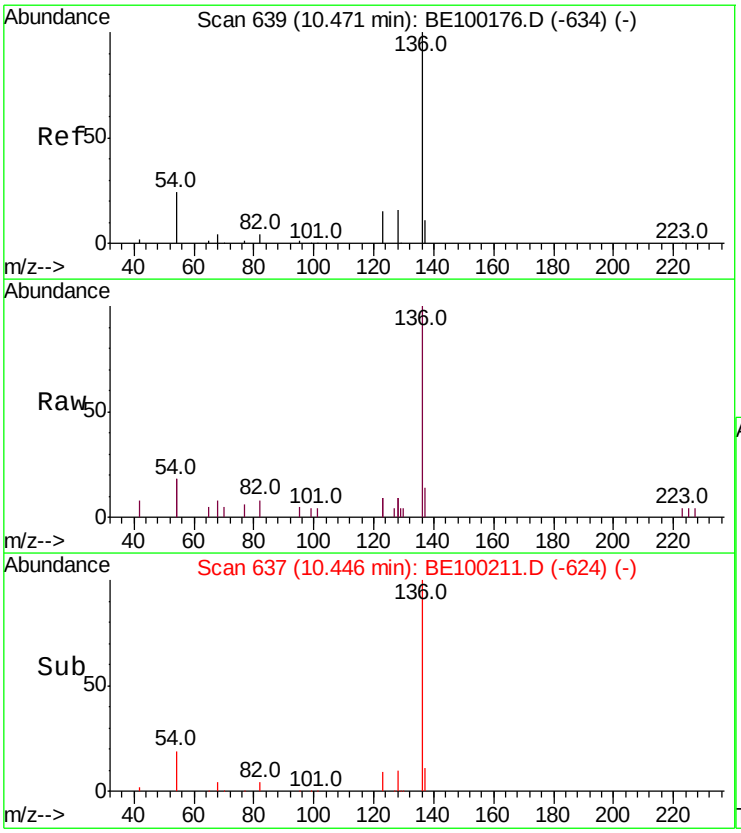
#5
Phenol-d6
Concen: 0.310 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.04 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 732

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.4	15.6
71	38.4	32.4	48.6

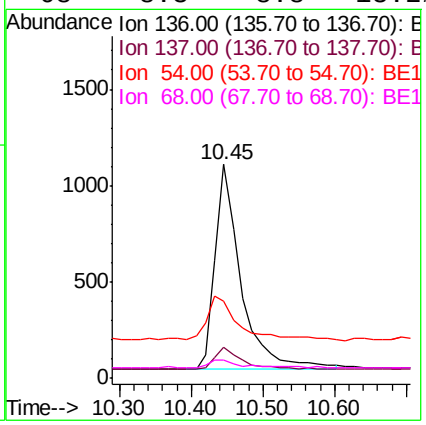


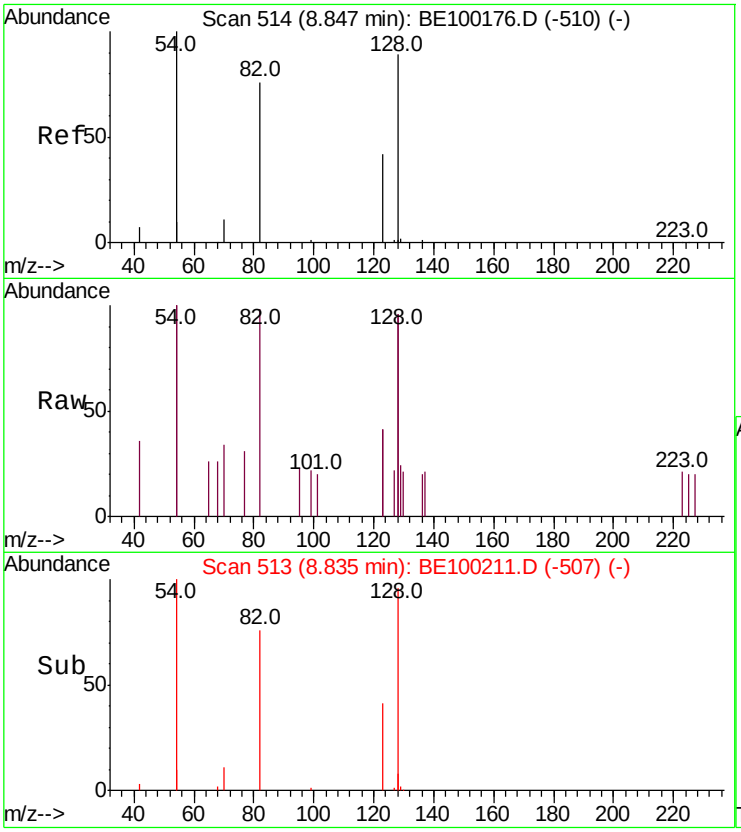


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:136 Resp: 2680

Ion	Ratio	Lower	Upper
136	100		
137	14.2	13.8	20.8
54	36.0	35.4	53.2
68	8.3	8.8	13.2#



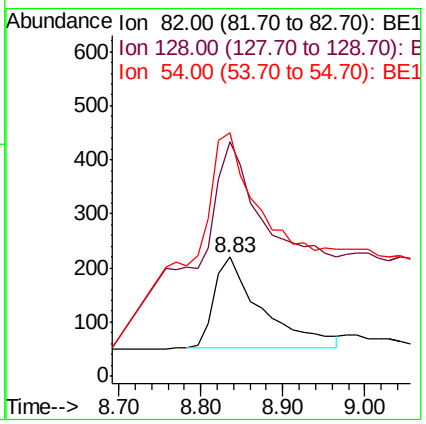


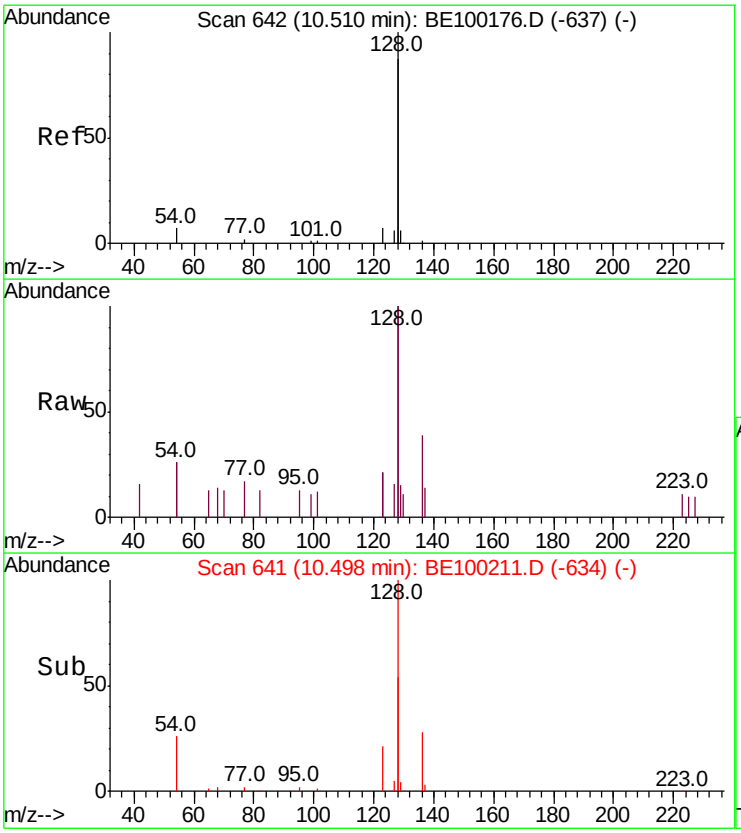
#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.83 min Scan# 513
Delta R.T. -0.01 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 666

Ion	Ratio	Lower	Upper
82	100		
128	197.3	144.6	217.0
54	204.5	163.0	244.6

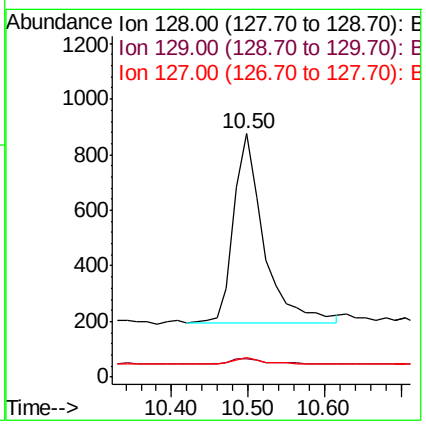


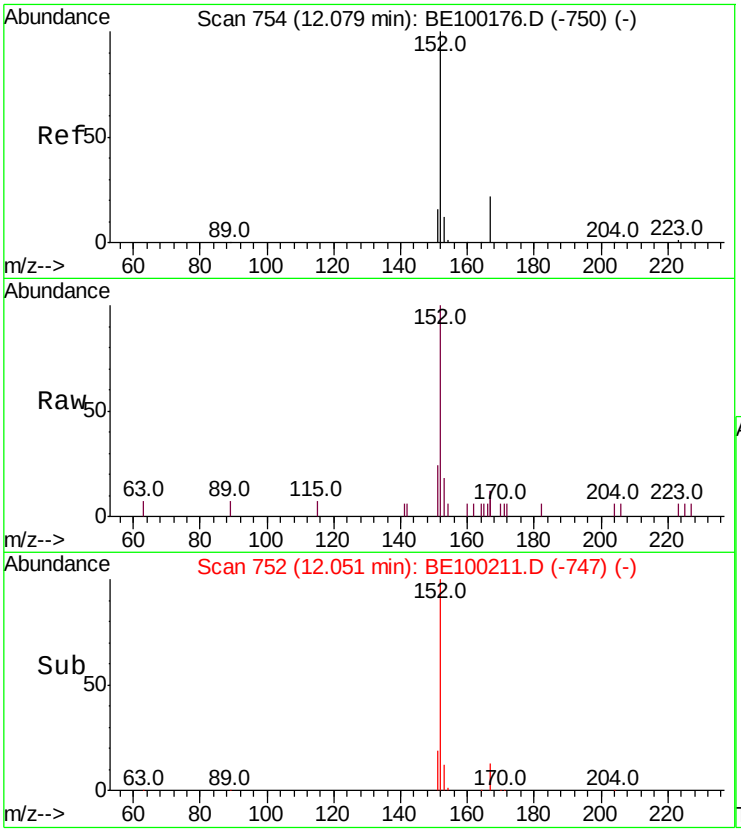


#9
Naphthalene
Concen: 0.063 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:128 Resp: 1840

Ion	Ratio	Lower	Upper
128	100		
129	7.3	3.6	5.4#
127	8.0	3.8	5.8#



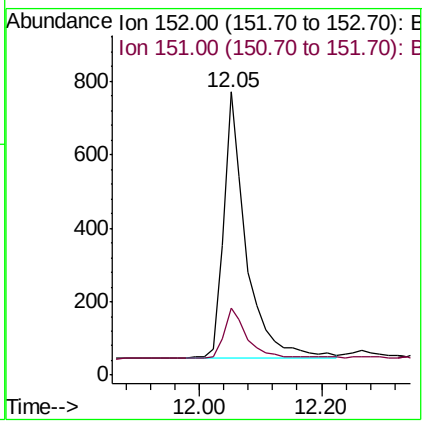


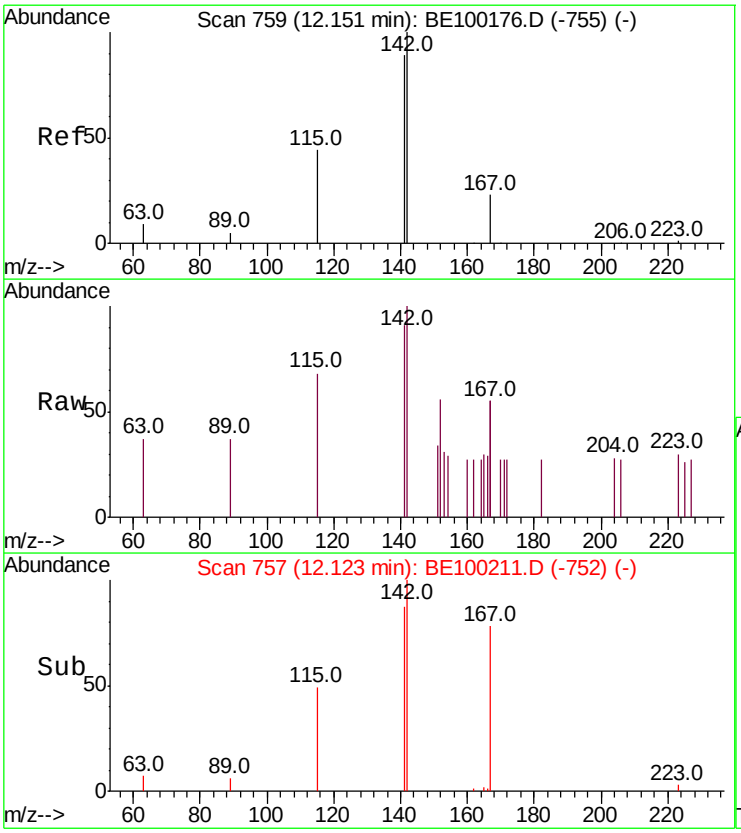
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1891

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5

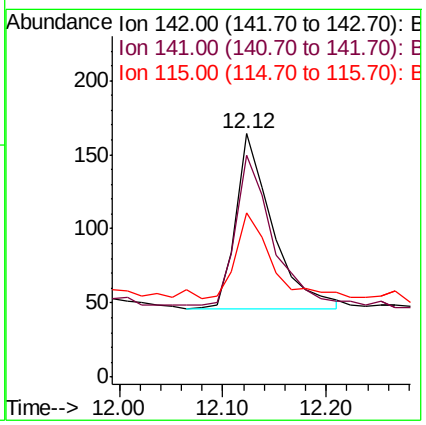


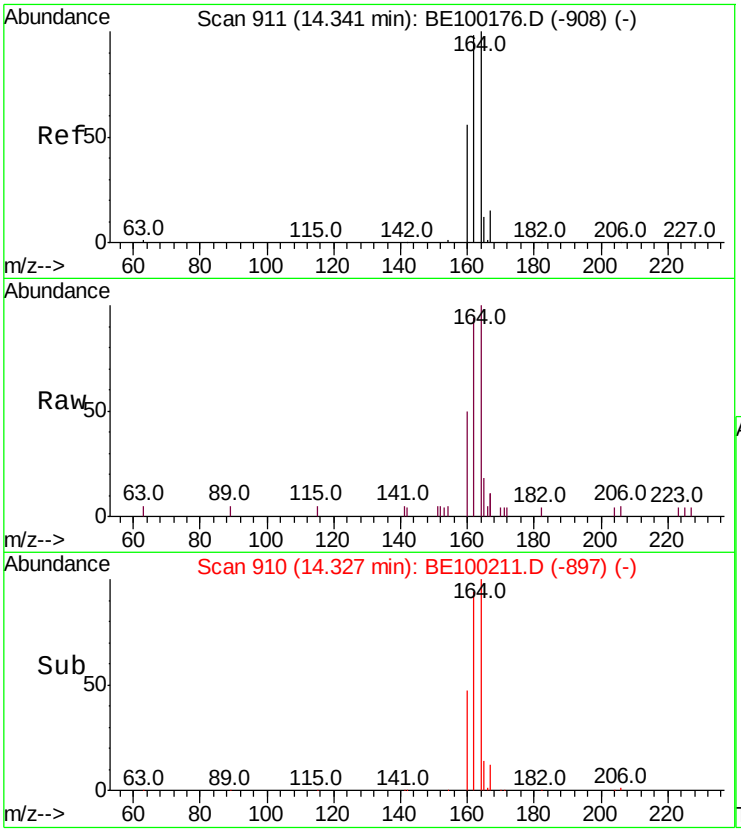


#12
2-Methylnaphthalene
Concen: 0.062 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:142 Resp: 293

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.8	107.8
115	67.7	40.4	60.6#



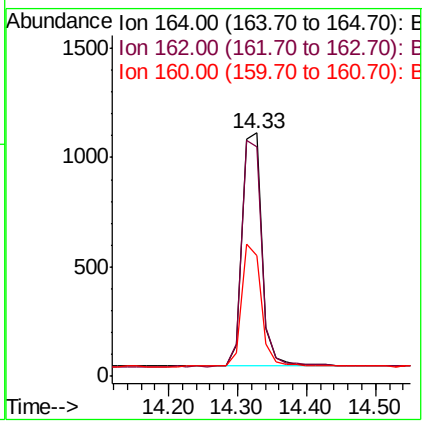


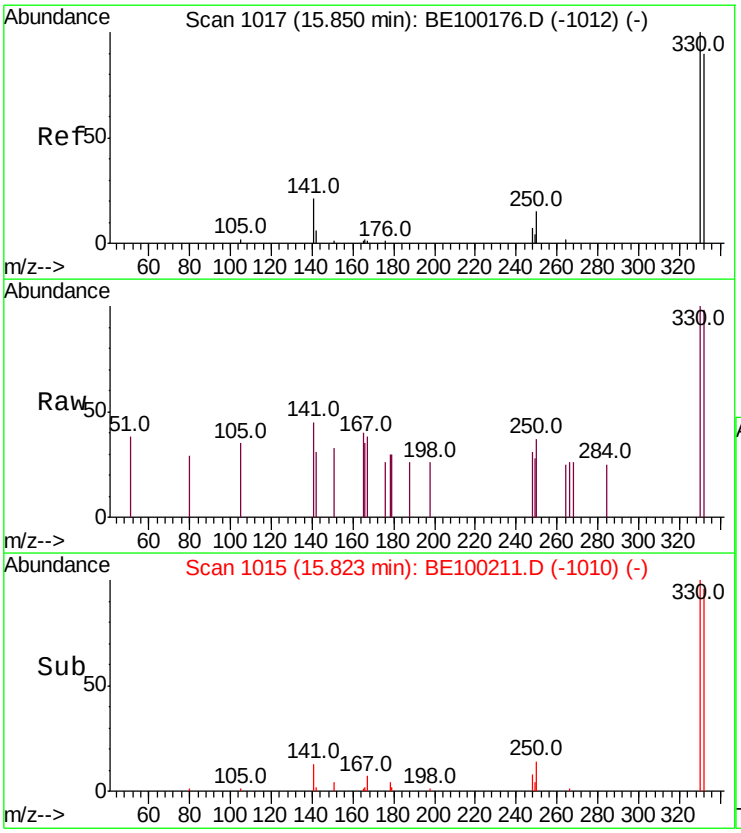
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2114

Ion	Ratio	Lower	Upper
164	100		
162	94.2	78.6	118.0
160	49.7	46.9	70.3

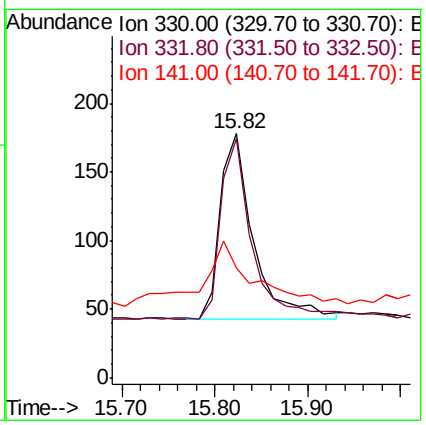


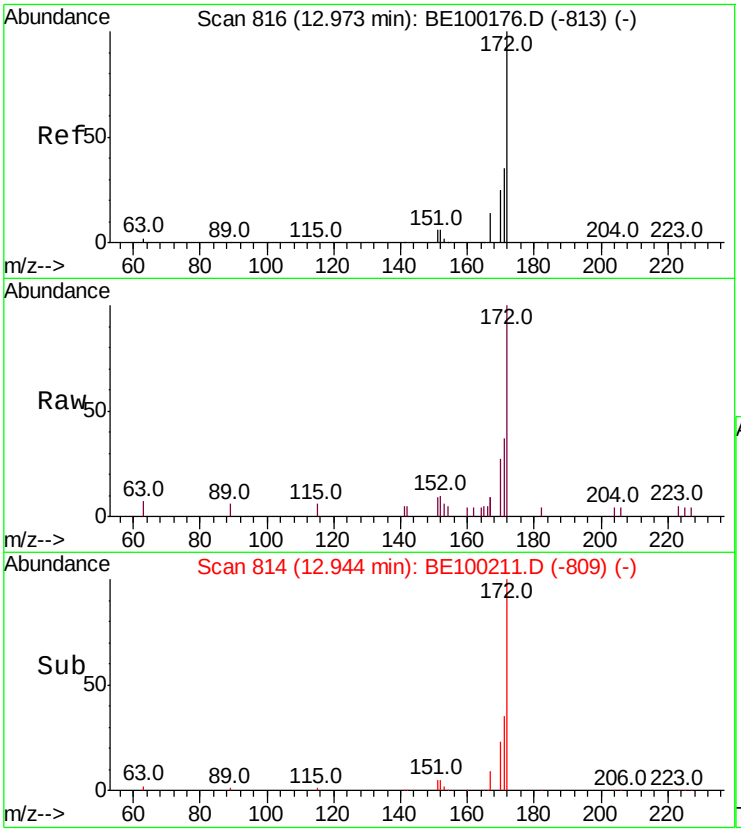


#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:330 Resp: 334

Ion	Ratio	Lower	Upper
330	100		
332	90.7	77.7	116.5
141	41.6	18.9	28.3#



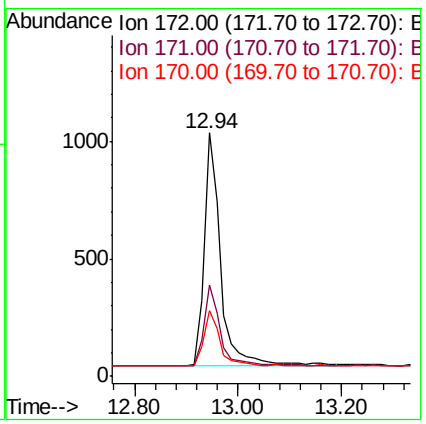


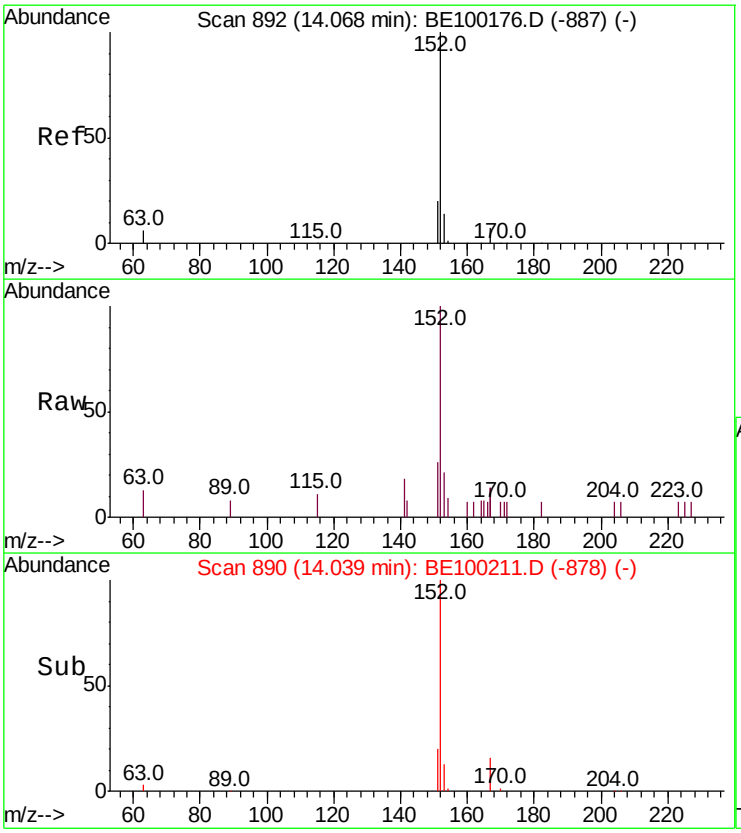
#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2194

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	26.8	23.9	35.9

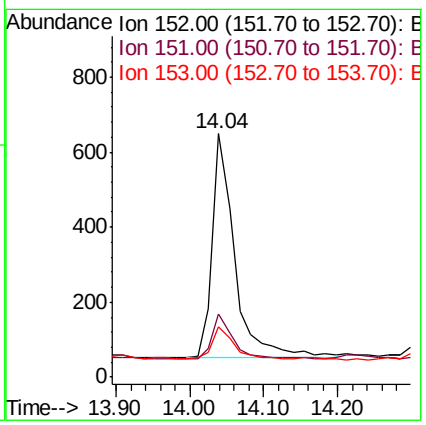


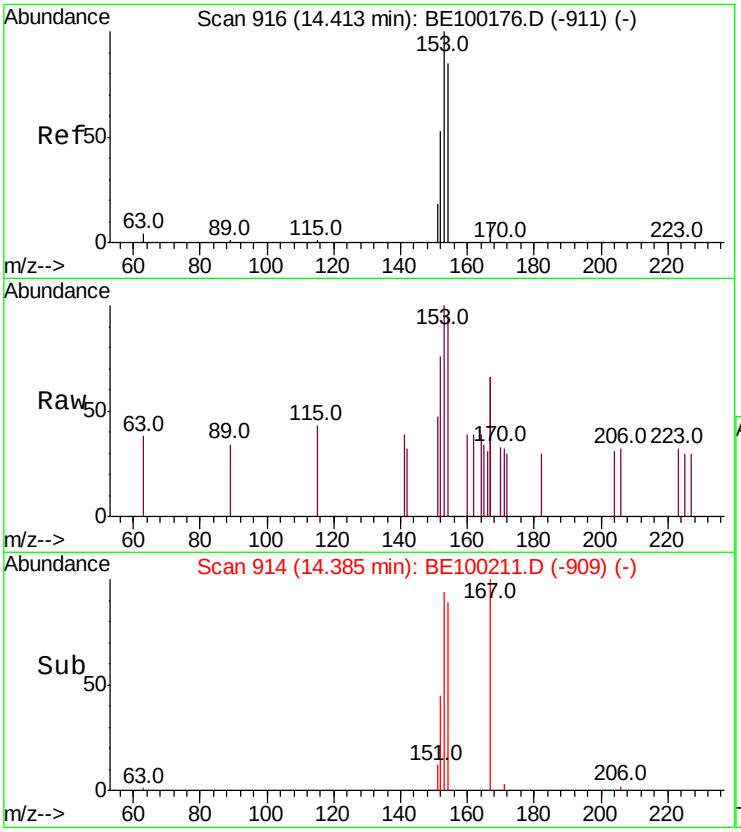


#16
Acenaphthylene
Concen: 0.122 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:152 Resp: 1261

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0
153	13.6	10.8	16.2



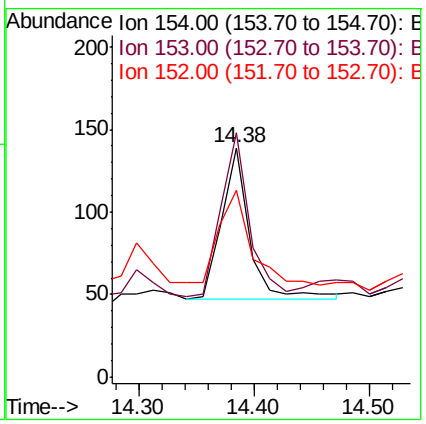


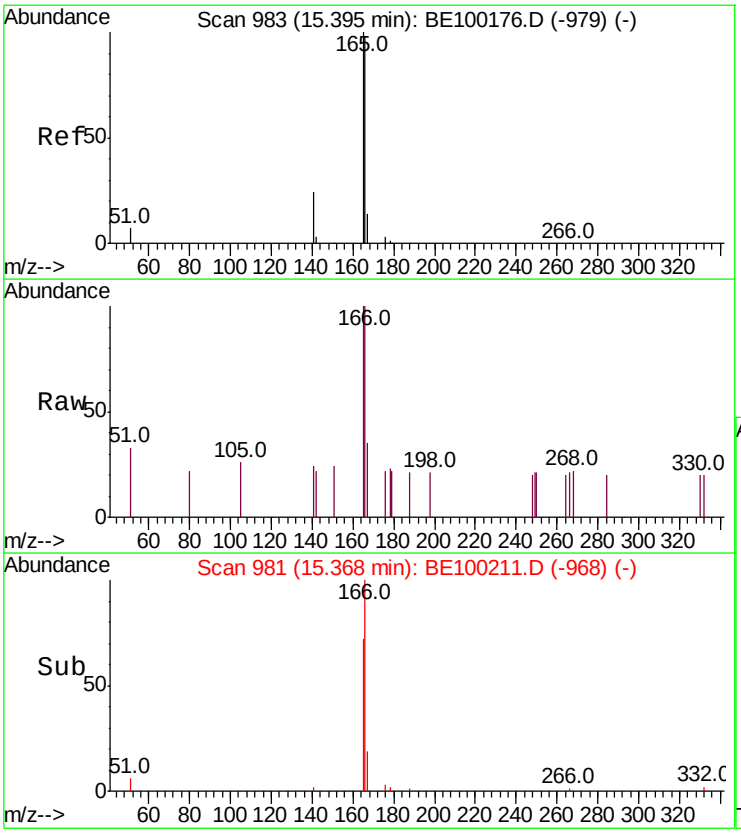
#17
Acenaphthene
Concen: 0.027 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 156

Ion	Ratio	Lower	Upper
154	100		
153	107.7	95.3	142.9
152	64.1	52.9	79.3

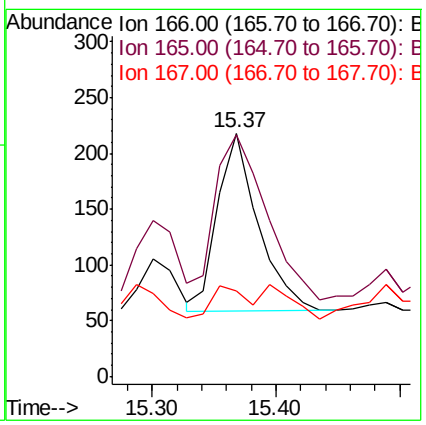


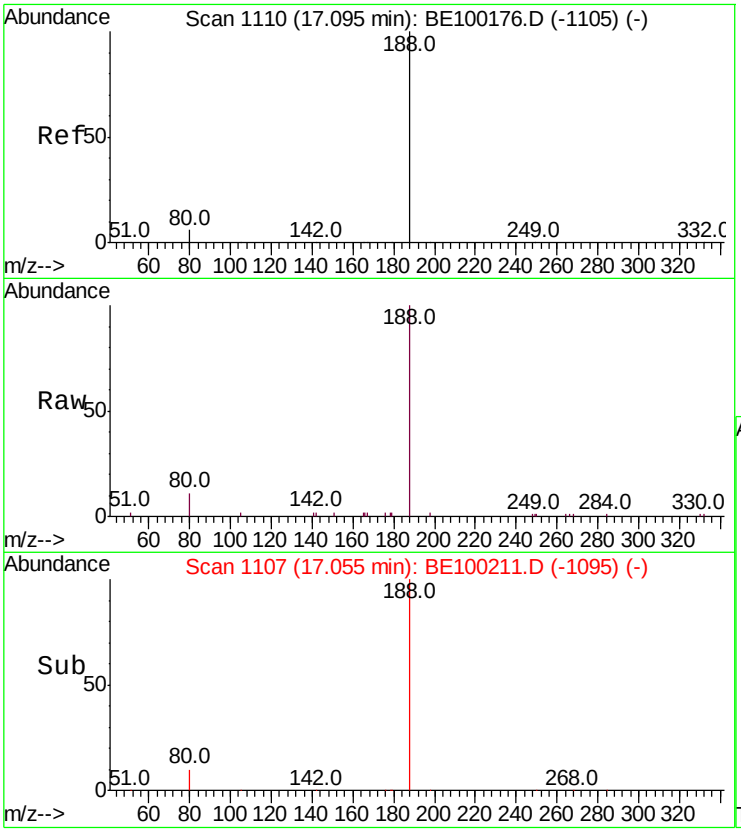


#18
Fluorene
Concen: 0.044 ng
RT: 15.37 min Scan# 981
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:166 Resp: 366

Ion	Ratio	Lower	Upper
166	100		
165	109.8	81.0	121.4
167	14.5	11.4	17.0



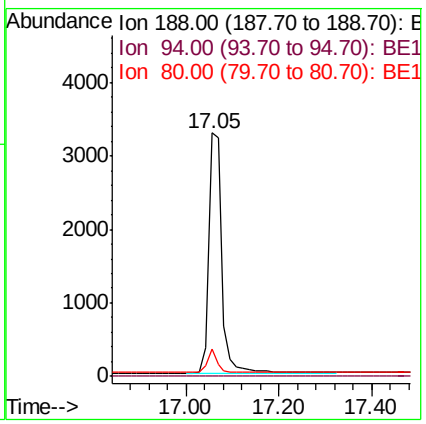


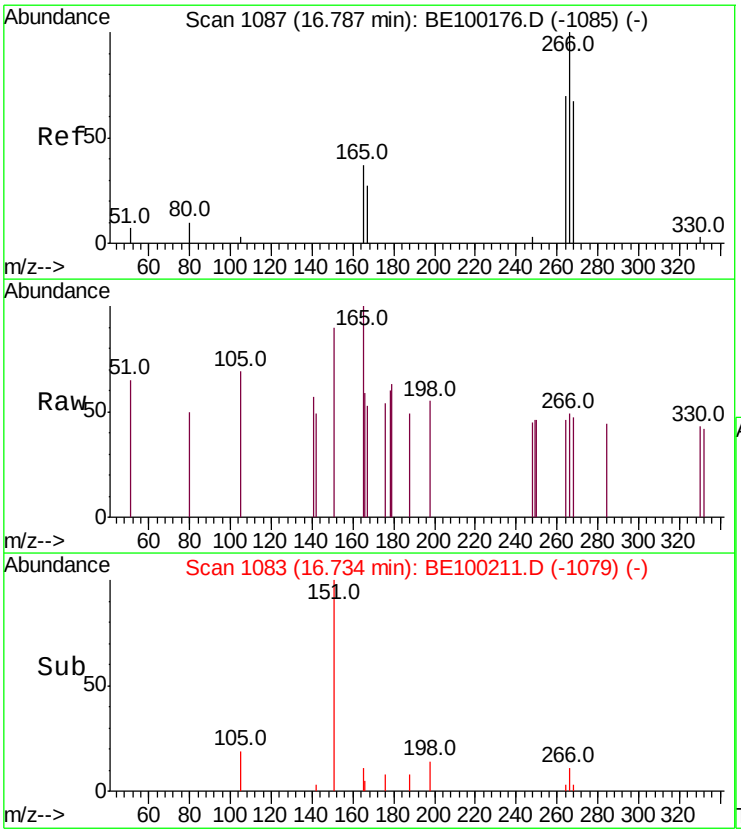
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.04 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6453

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.4	9.6#

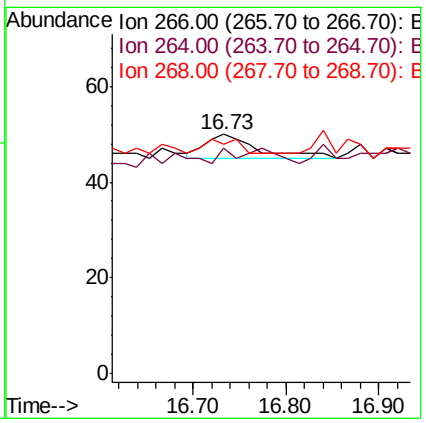


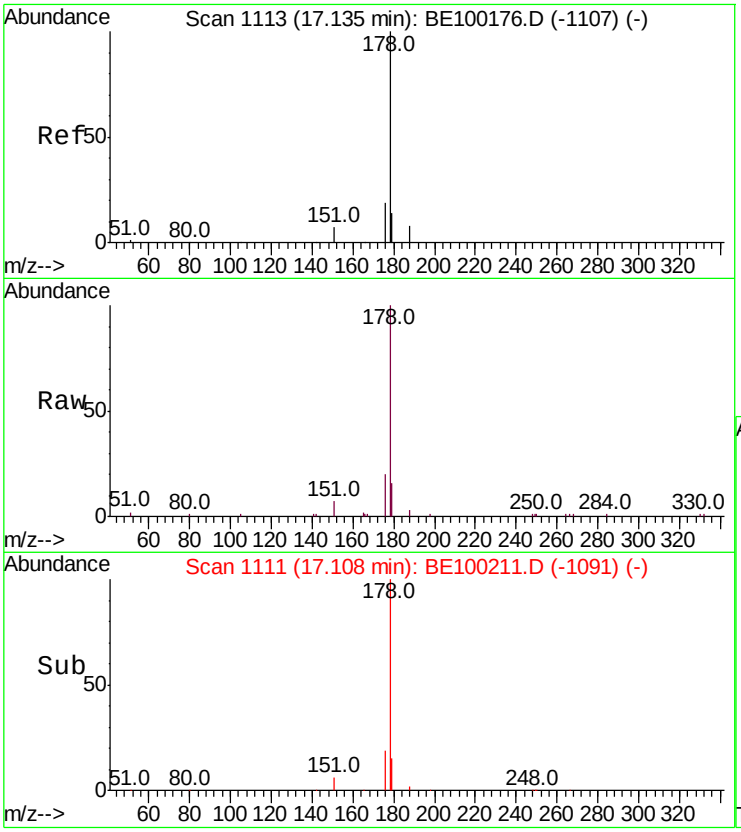


#22
Pentachlorophenol
Concen: 0.284 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.05 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	94.0	67.7	101.5
268	96.0	69.8	104.6



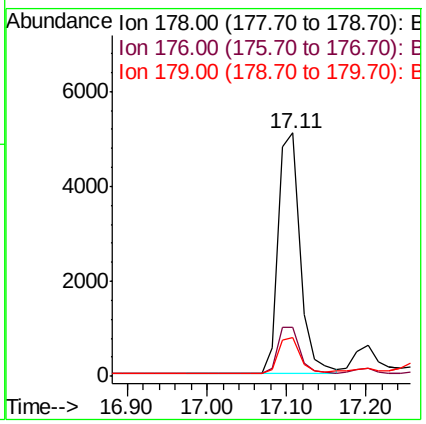


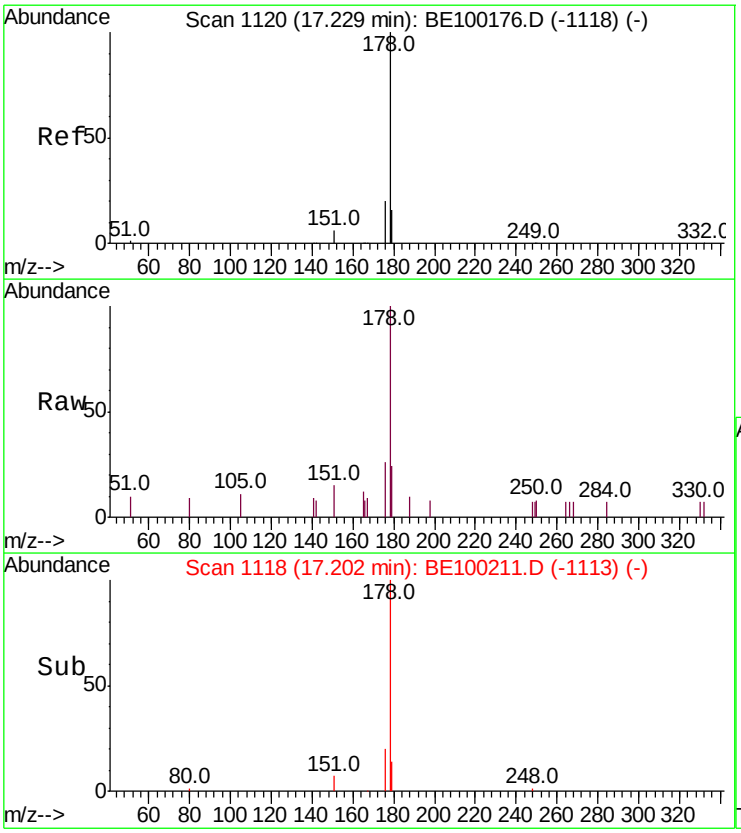
#23
Phenanthrene
Concen: 0.644 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9845

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	15.6	12.2	18.2

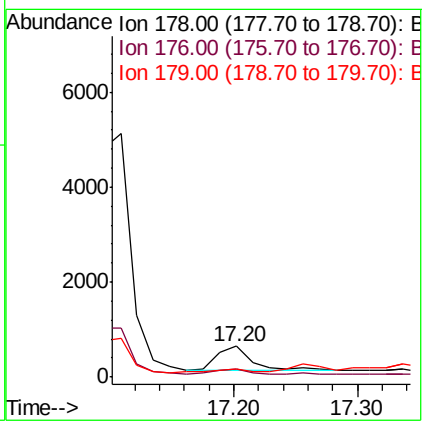


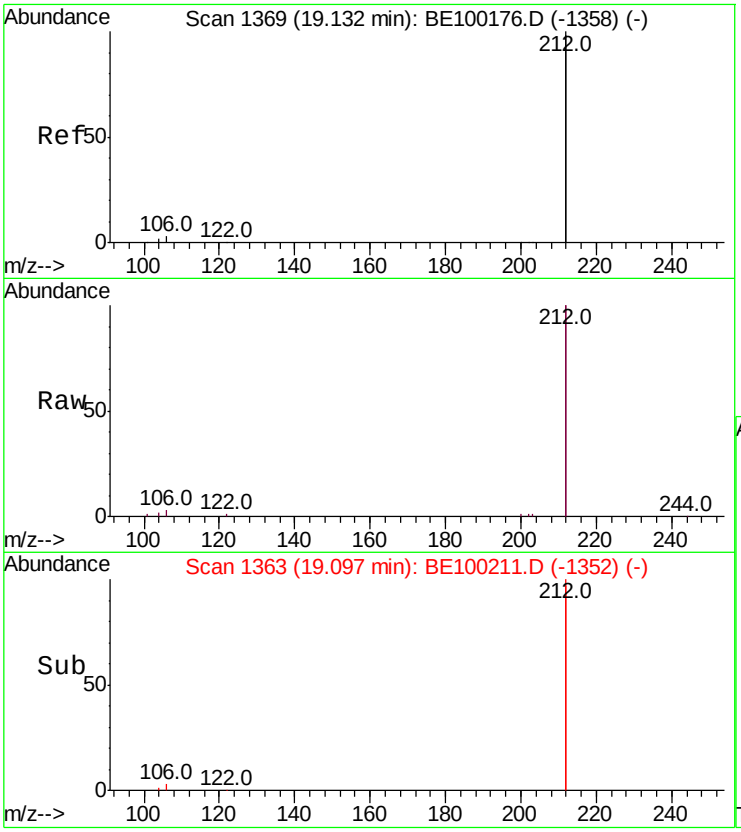


#24
Anthracene
Concen: 0.080 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:178 Resp: 1030

Ion	Ratio	Lower	Upper
178	100		
176	15.9	15.7	23.5
179	14.1	12.9	19.3



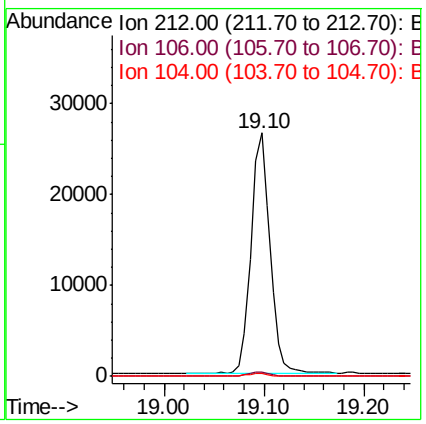


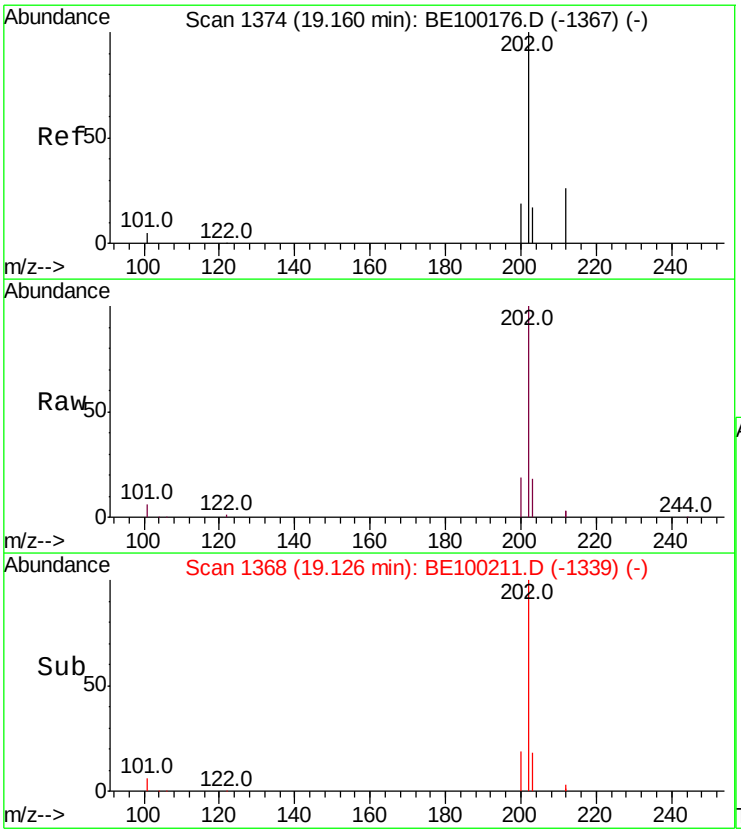
#25
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 35105

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

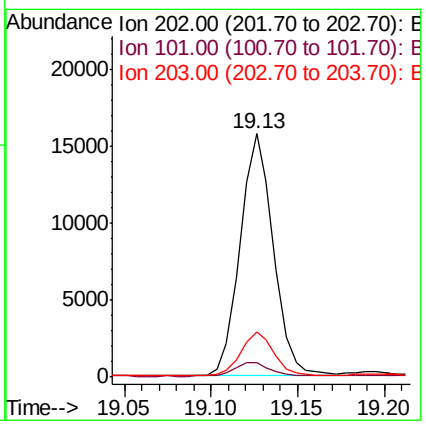


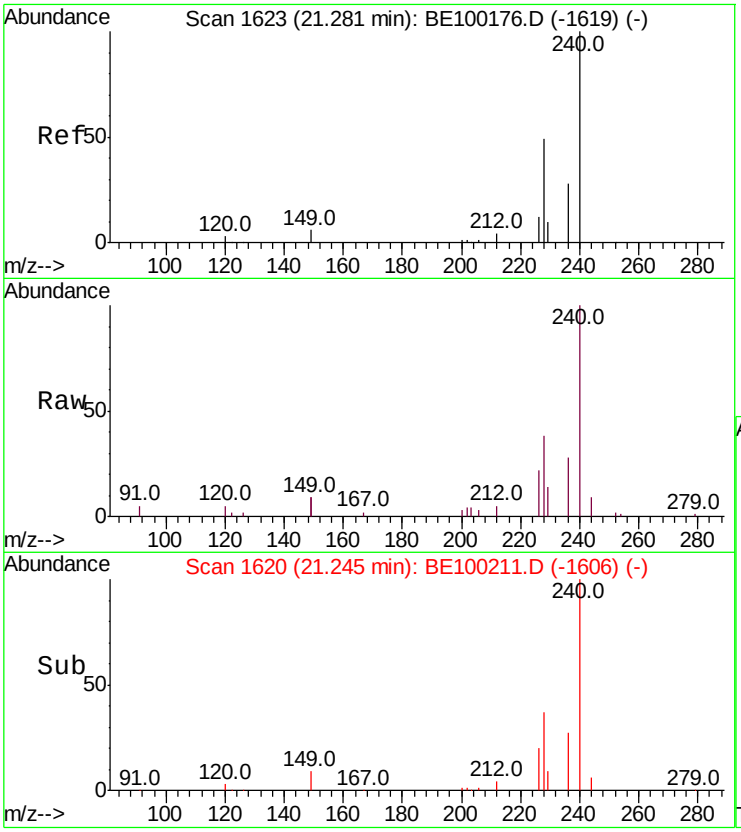


#26
Fluoranthene
Concen: 0.850 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:202 Resp: 21131

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



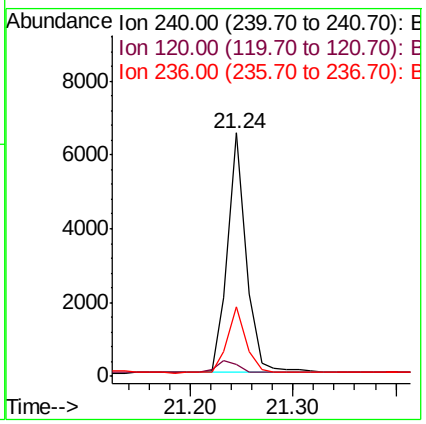


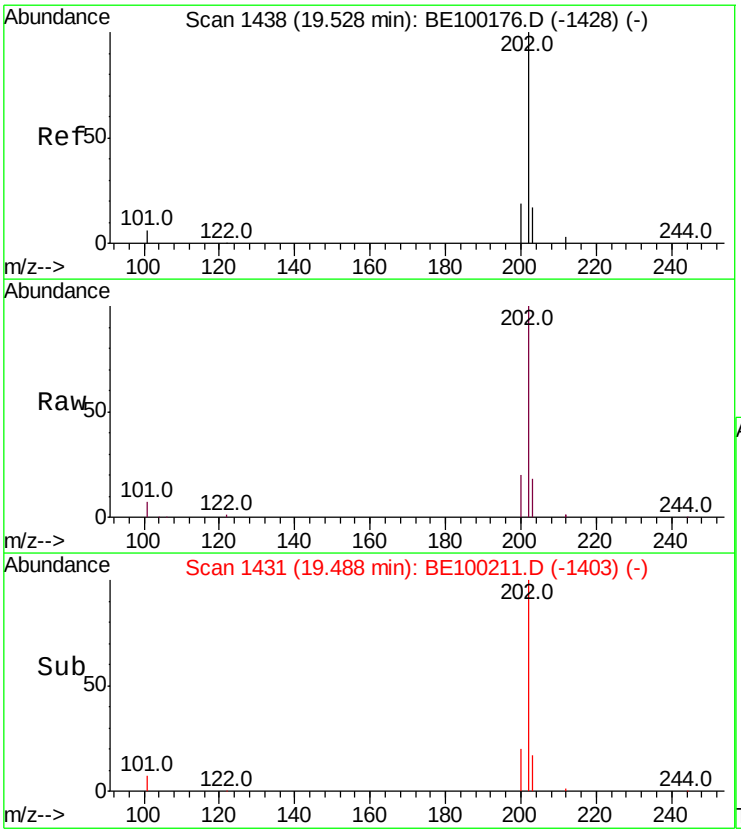
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8267

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.1	6.1
236	28.4	23.0	34.6

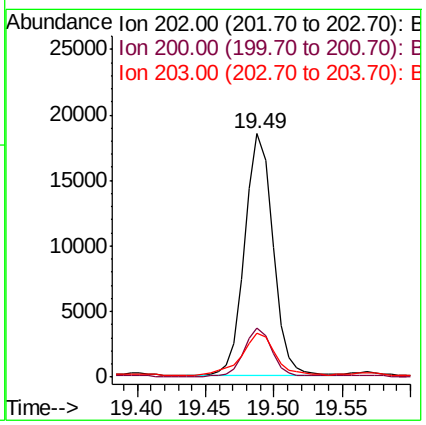


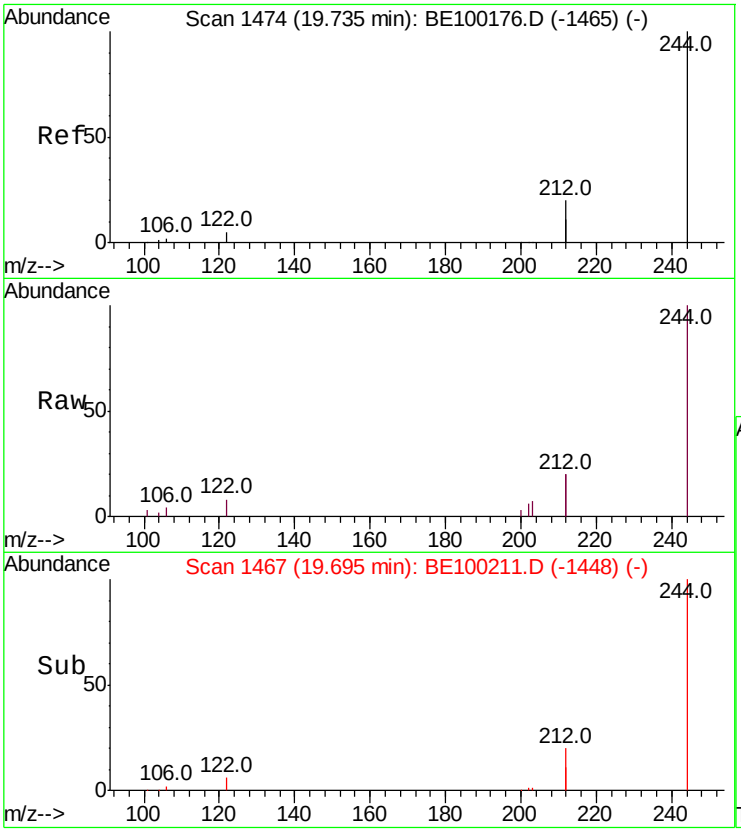


#28
Pyrene
Concen: 1.247 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:202 Resp: 26403

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	20.3	13.9	20.9



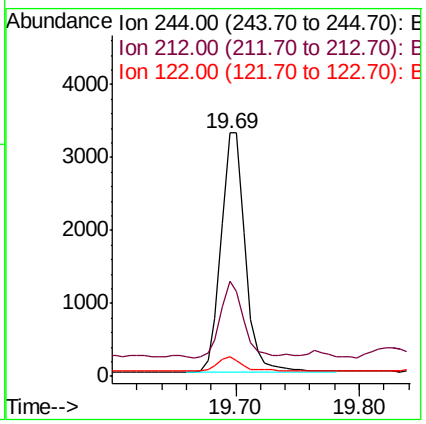


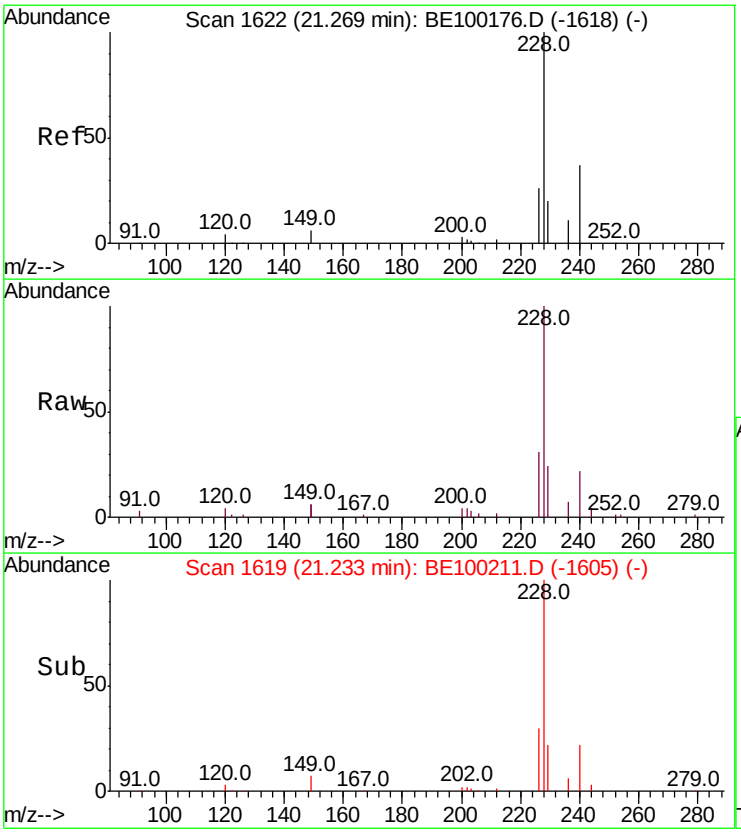
#29
Terphenyl-d14
Concen: 0.274 ng
RT: 19.69 min Scan# 1467
Delta R.T. -0.04 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4446

Ion	Ratio	Lower	Upper
244	100		
212	39.2	30.7	46.1
122	8.0	5.8	8.6

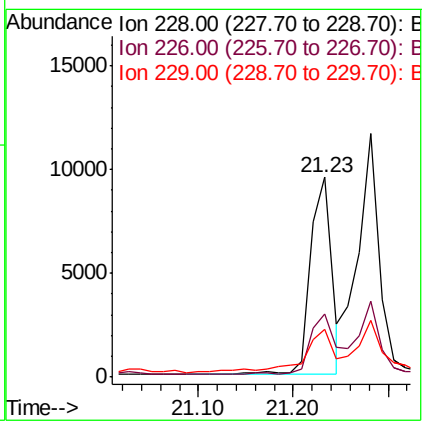


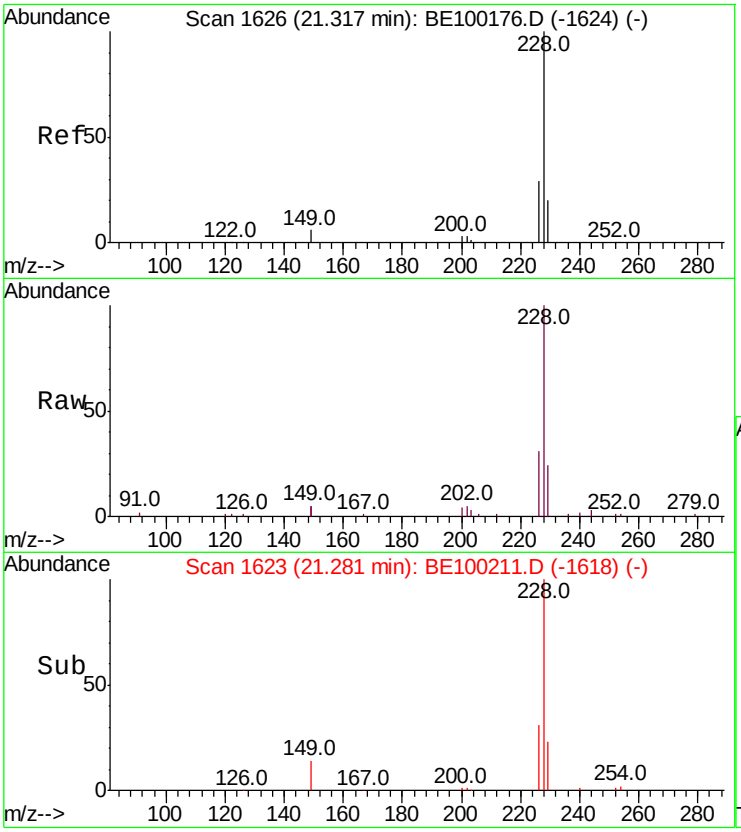


#30
Benzo(a)anthracene
Concen: 0.608 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:228 Resp: 14815

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.5	32.3
229	24.0	17.2	25.8



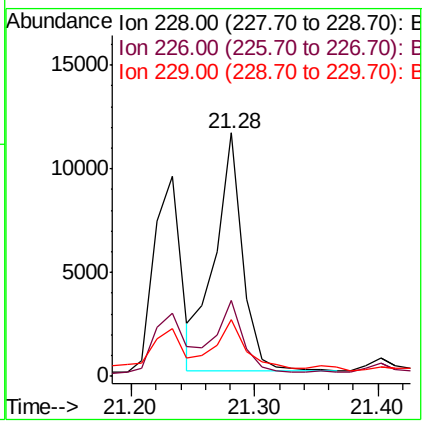


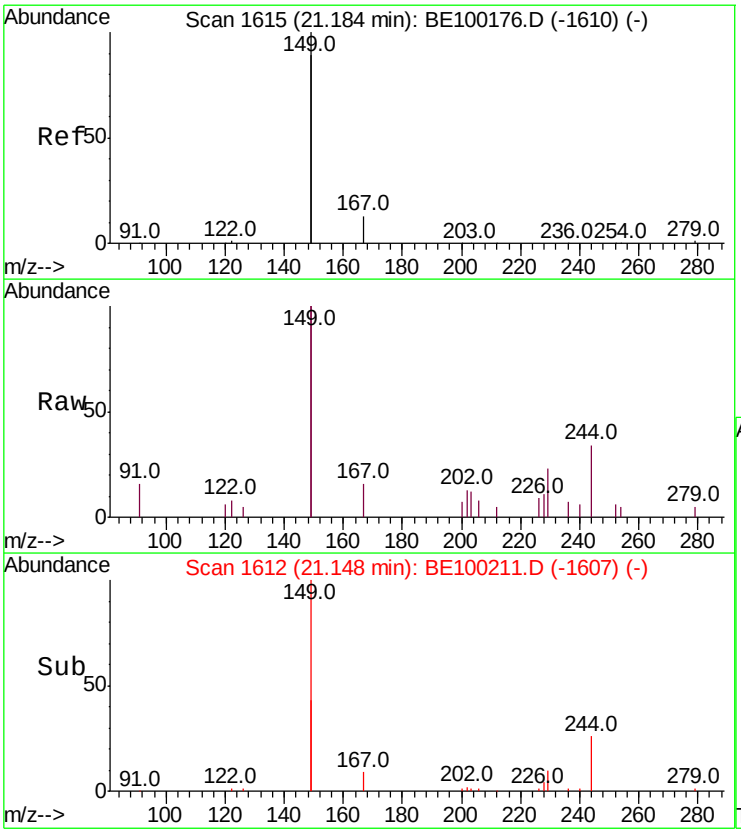
#31
Chrysene
Concen: 0.624 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.04 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17839

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.7	35.5
229	23.6	16.5	24.7

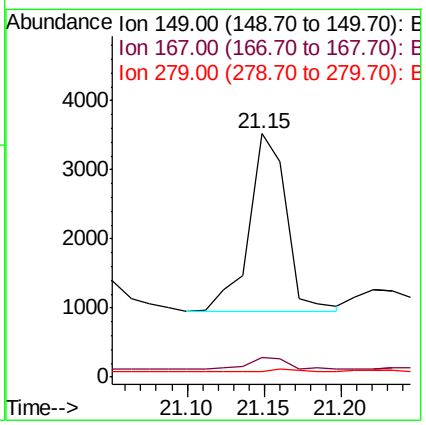


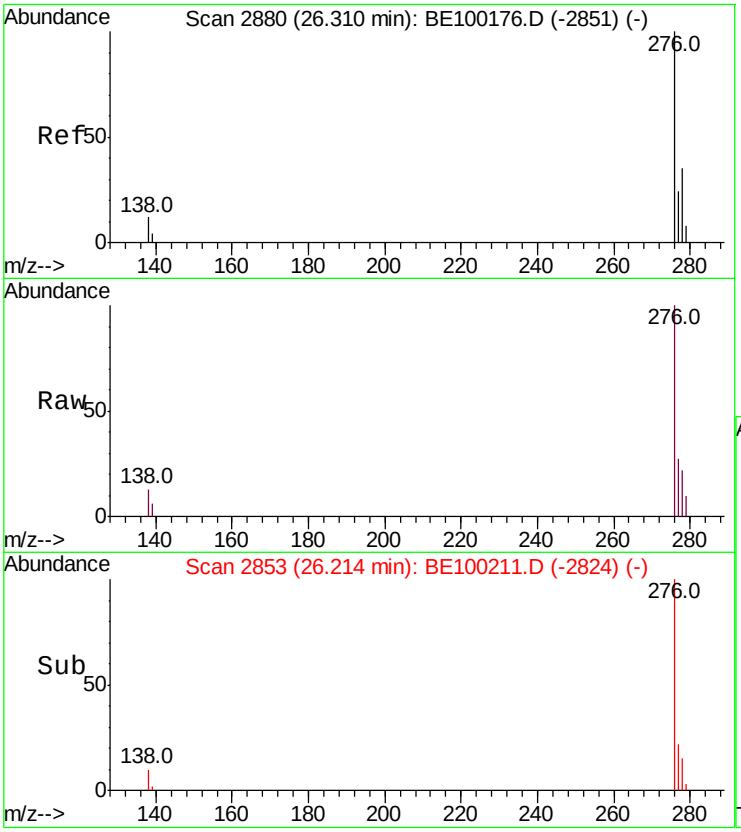


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.15 min Scan# 1612
Delta R.T. -0.04 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:149 Resp: 4340

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	2.1	1.0	1.6#



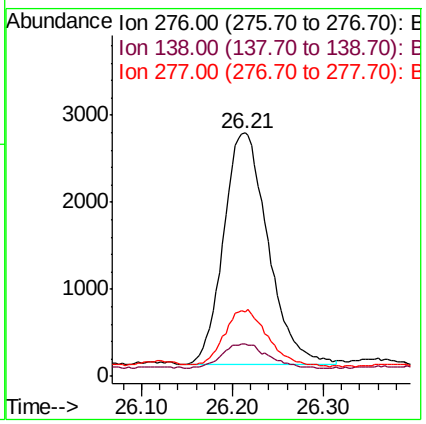


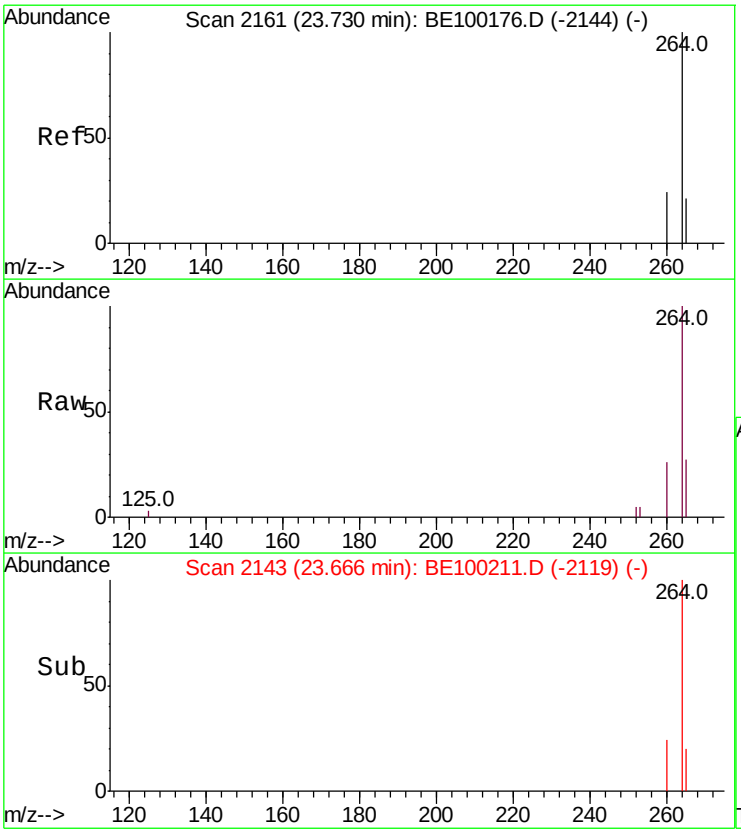
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.223 ng
RT: 26.21 min Scan# 2853
Delta R.T. -0.10 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9059

Ion	Ratio	Lower	Upper
276	100		
138	11.2	3.7	5.5#
277	24.1	18.7	28.1

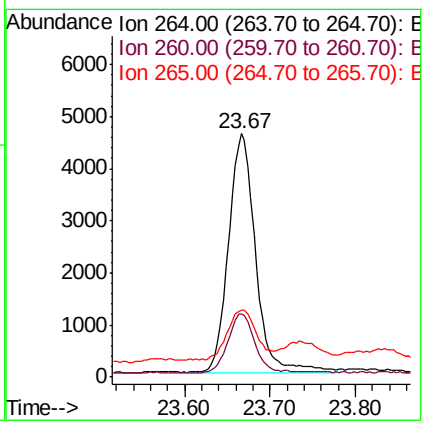


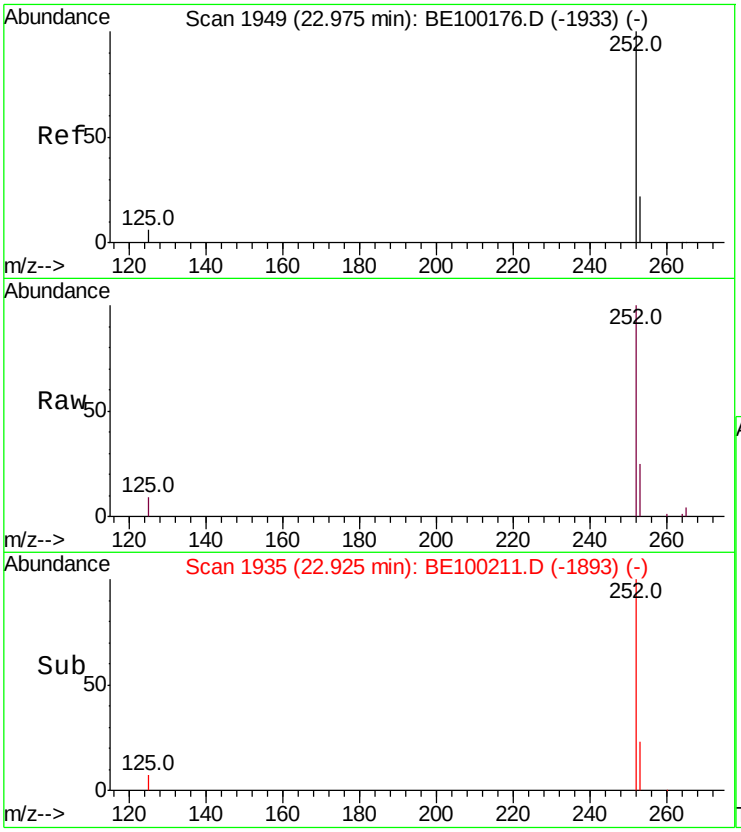


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:264 Resp: 10056

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	27.4	22.5	33.7



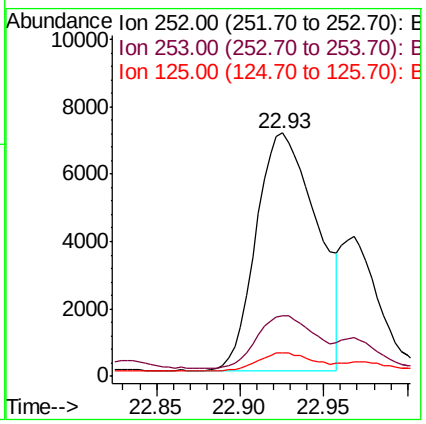


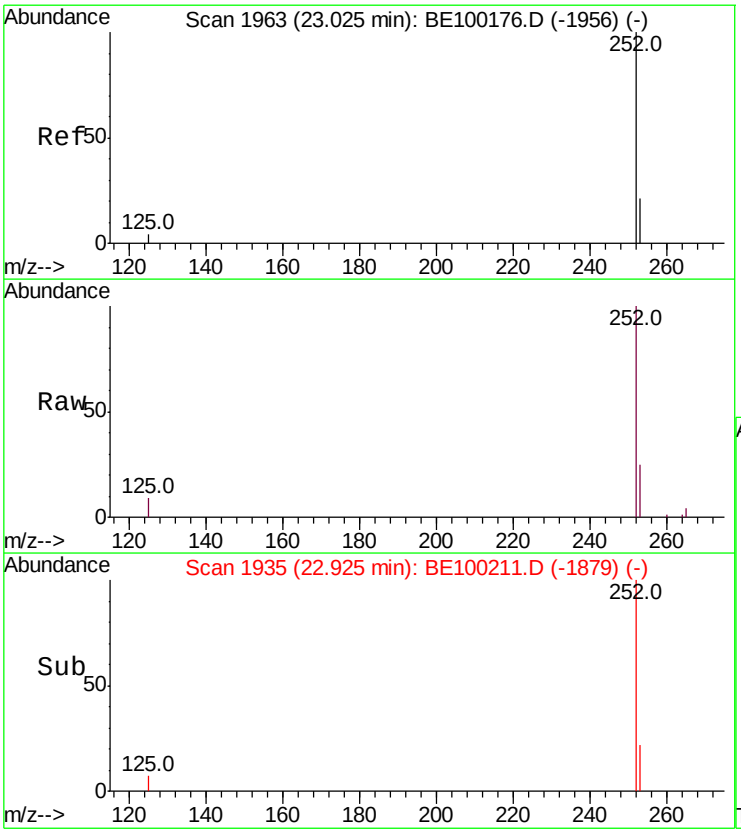
#35
Benzo(b)fluoranthene
Concen: 0.662 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.05 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17913

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.4
125	9.5	6.3	9.5#

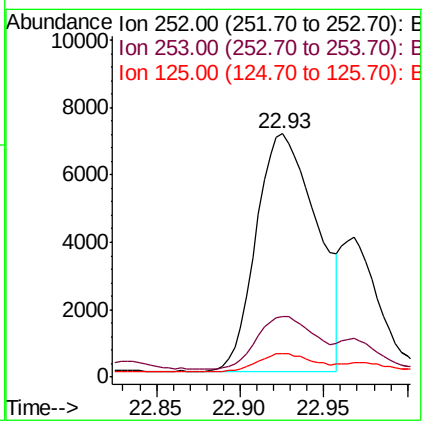


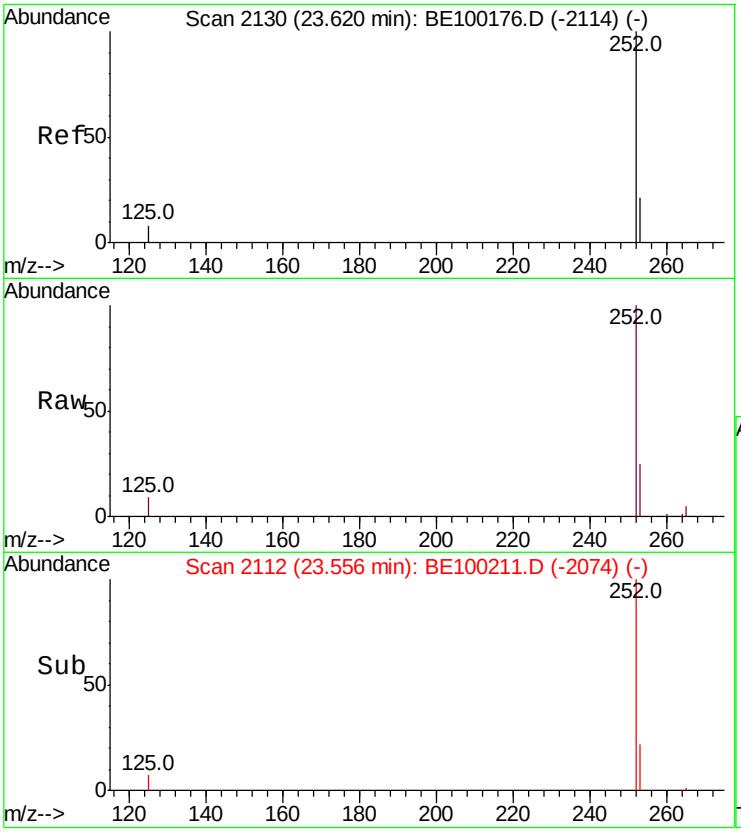


#36
Benzo(k)fluoranthene
Concen: 0.554 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.10 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:252 Resp: 17913

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	9.5	5.0	7.4#



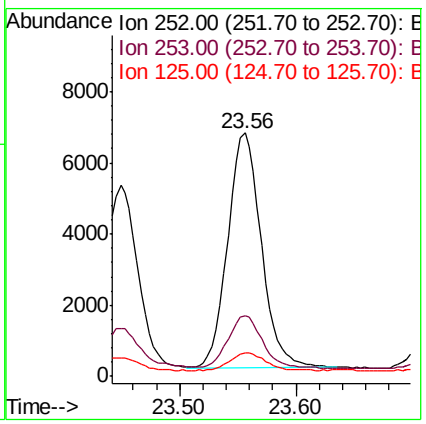


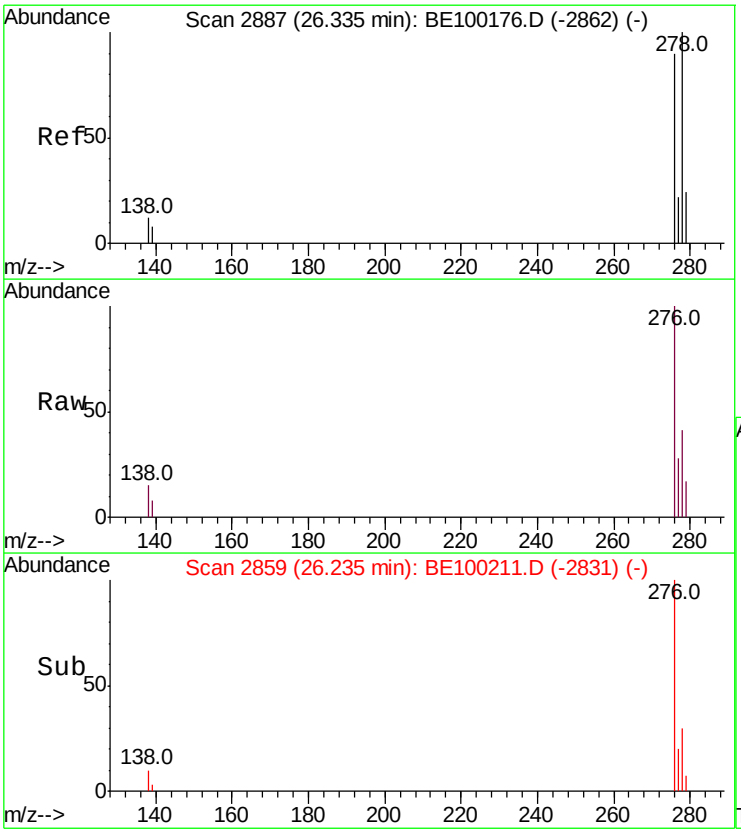
#37
Benzo(a)pyrene
Concen: 0.475 ng
RT: 23.56 min Scan# 2112
Delta R.T. -0.06 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13318

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.2	28.8
125	9.5	8.2	12.2

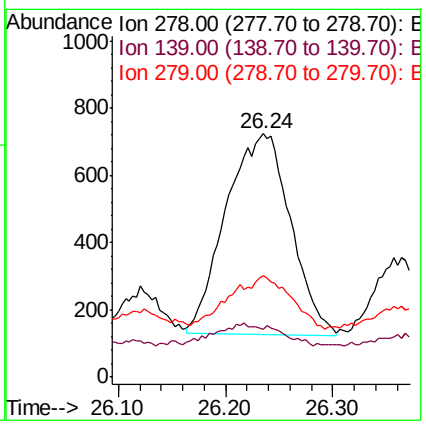


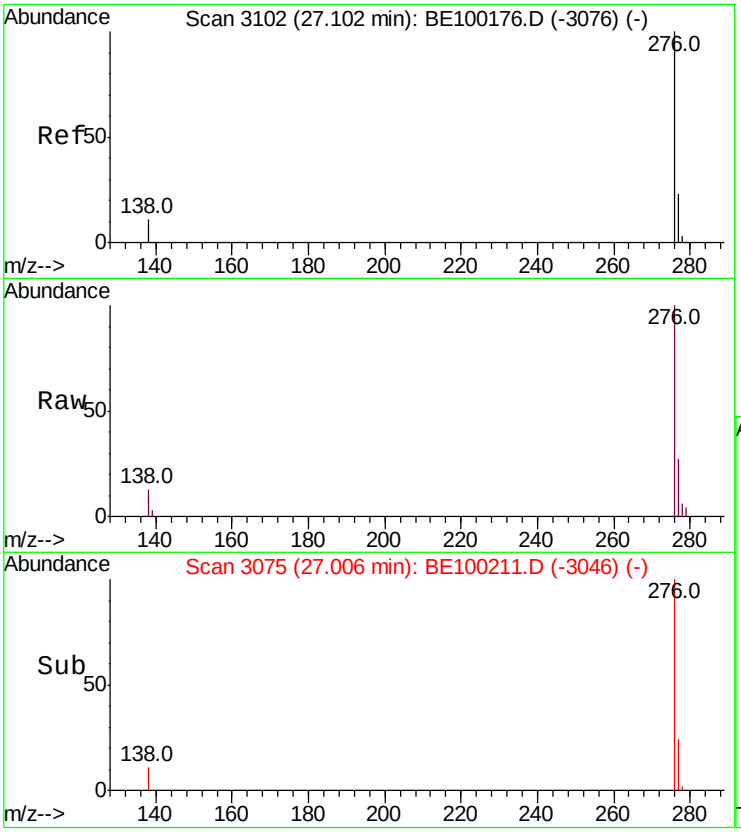


#38
Dibenzo(a,h)anthracene
Concen: 0.083 ng
RT: 26.24 min Scan# 2859
Delta R.T. -0.10 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Tgt Ion:278 Resp: 2496

Ion	Ratio	Lower	Upper
278	100		
139	19.3	9.0	13.4#
279	41.6	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.314 ng
RT: 27.01 min Scan# 3075
Delta R.T. -0.10 min
Lab File: BE100211.D
Acq: 27 Jun 2019 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9815

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.8	29.6
138	13.4	10.2	15.4