Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100789.D
Acq On : 5 Dec 2019 15:10
Operator : JU
Sample : K6053-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 05 18:02:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	6258	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	28220	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	17389	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	42923	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	45026	0.40	ng		0.00
34) Perylene-d12	23.75	264	55332	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	5011	0.34	ng		0.00
5) Phenol-d6	6.93	99	8193	0.37	ng		0.00
8) Nitrobenzene-d5	8.90	82	5346	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	10371	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1273	0.66	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	14296	0.21	ng		0.00
25) Fluoranthene-d10	19.16	212	122773	0.24	ng		0.00
29) Terphenyl-d14	19.76	244	26206	0.24	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.59	128	106929	0.357	ng		100
12) 2-Methylnaphthalene	12.21	142	16270	0.347	ng		98
16) Acenaphthylene	14.11	152	202884	2.820	ng		99
17) Acenaphthene	14.46	154	10809	0.218	ng		98
18) Fluorene	15.43	166	39615	0.620	ng	#	87
22) Pentachlorophenol	16.79	266	171	0.108	ng		97
23) Phenanthrene	17.16	178	1052827	8.098	ng		99
24) Anthracene	17.25	178	138454	1.273	ng		96
26) Fluoranthene	19.19	202	1941017	12.509	ng		97
28) Pyrene	19.55	202	2264126	15.476	ng		95
30) Benzo(a)anthracene	21.29	228	1173181	8.840	ng	#	91
31) Chrysene	21.34	228	1113853	7.143	ng		96
32) Bis(2-ethylhexyl)phthalate	21.25	149	85434	0.865	ng		99
33) Indeno(1,2,3-cd)pyrene	26.33	276	653123	4.808	ng		97
35) Benzo(b)fluoranthene	23.01	252	1239954	8.185	ng		99
36) Benzo(k)fluoranthene	23.01	252	1239954	7.299	ng		99
37) Benzo(a)pyrene	23.64	252	1015480	7.743	ng		98
38) Dibenzo(a,h)anthracene	26.35	278	160770	1.232	ng		92
39) Benzo(g,h,i)perylene	27.12	276	731803	5.245	ng		99

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

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ALS Vial : 10 Sample Multiplier: 1

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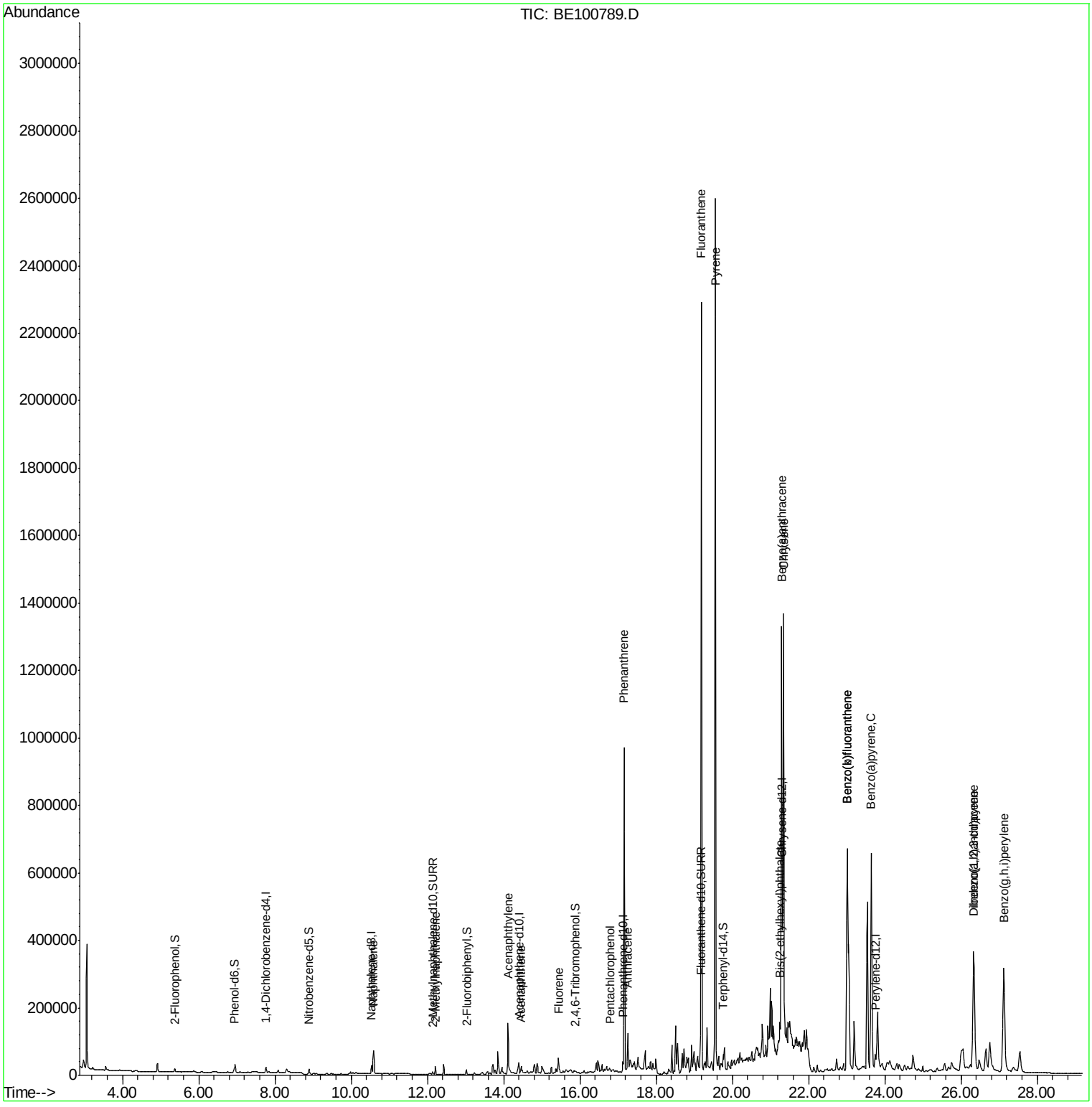
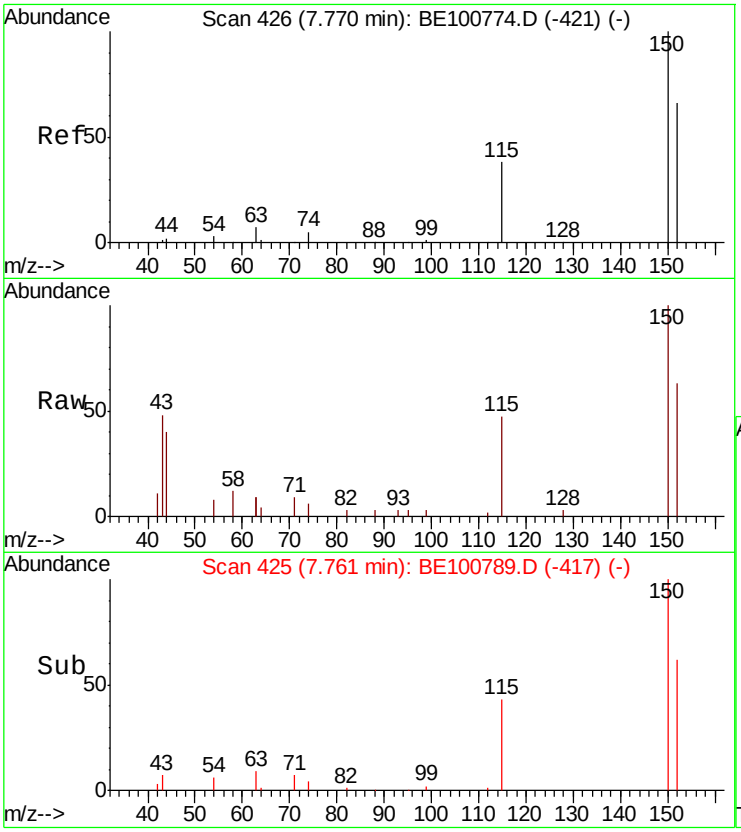
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



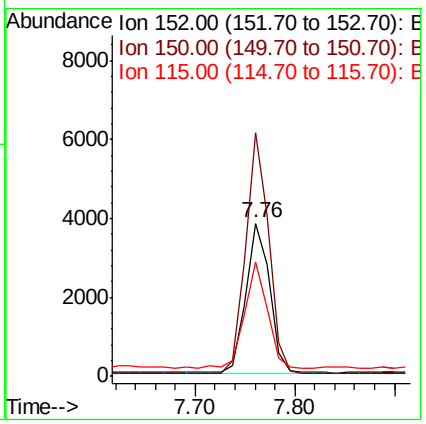


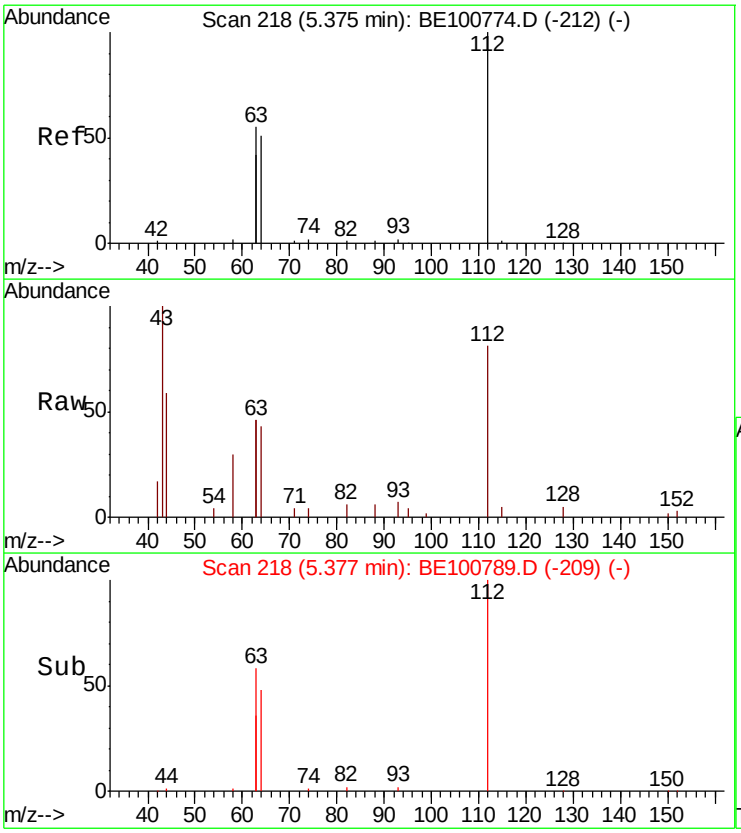
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6258

Ion	Ratio	Lower	Upper
152	100		
150	158.8	120.6	181.0
115	74.3	47.4	71.2#

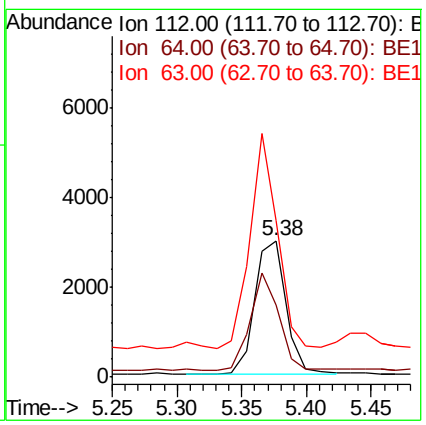


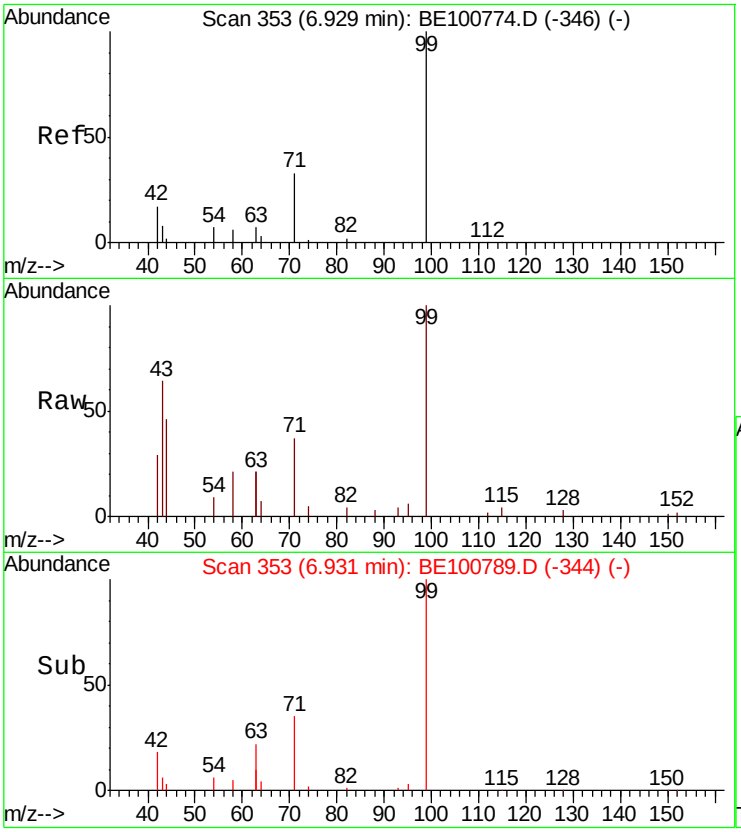


#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:112 Resp: 5011

Ion	Ratio	Lower	Upper
112	100		
64	65.0	54.1	81.1
63	140.3	113.2	169.8



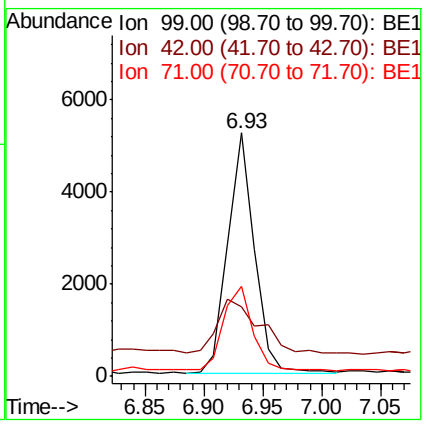


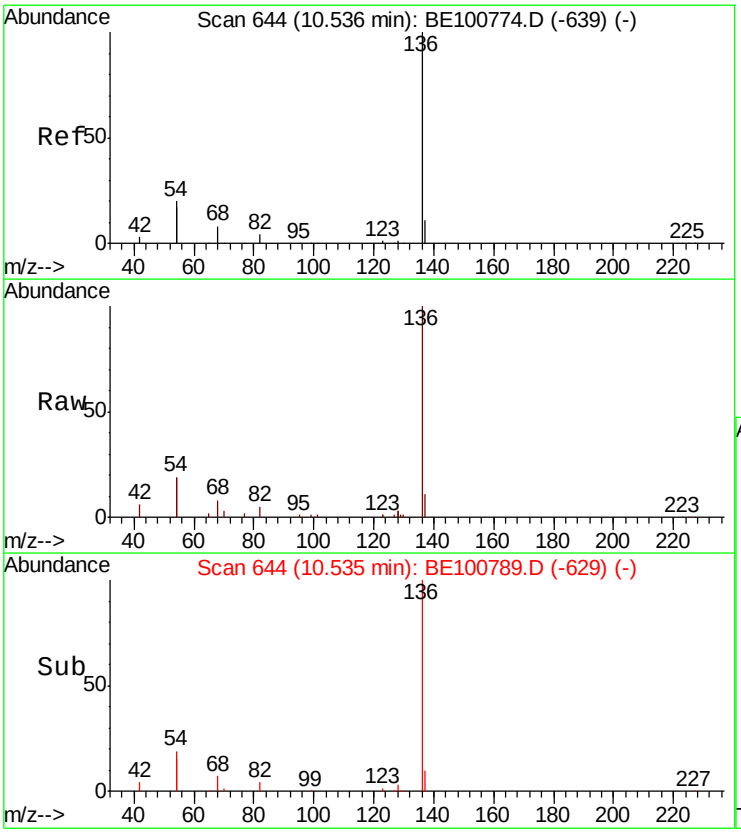
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8193

Ion	Ratio	Lower	Upper
99	100		
42	35.4	19.1	28.7#
71	37.7	27.7	41.5

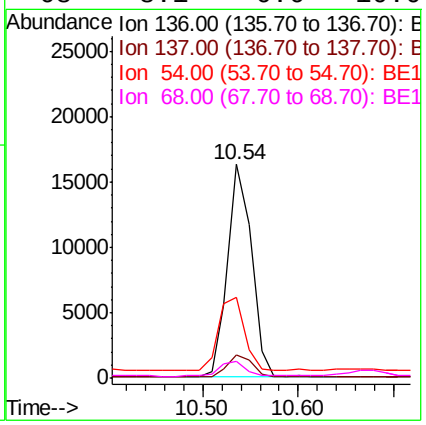


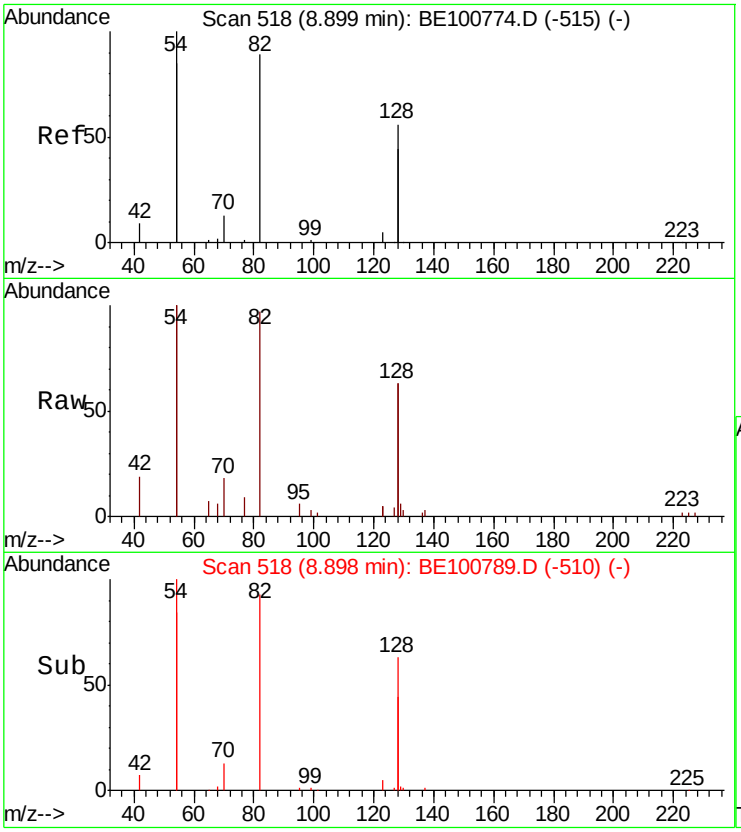


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:136 Resp: 28220

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	37.6	31.1	46.7
68	8.1	6.6	10.0



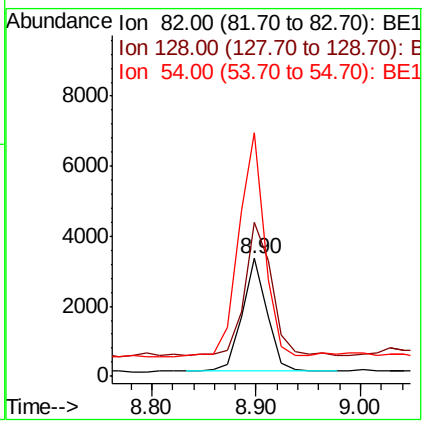


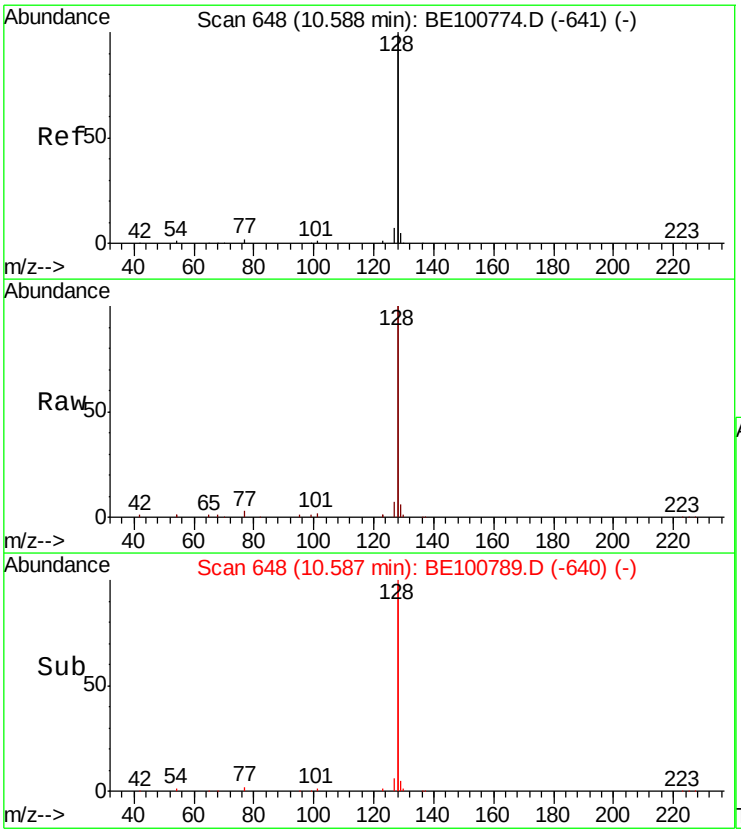
#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 5346

Ion	Ratio	Lower	Upper
82	100		
128	130.7	97.0	145.4
54	206.7	171.8	257.6

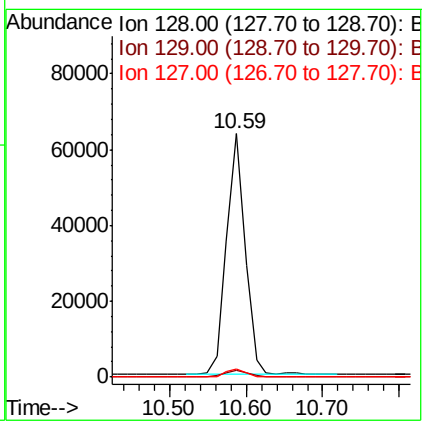


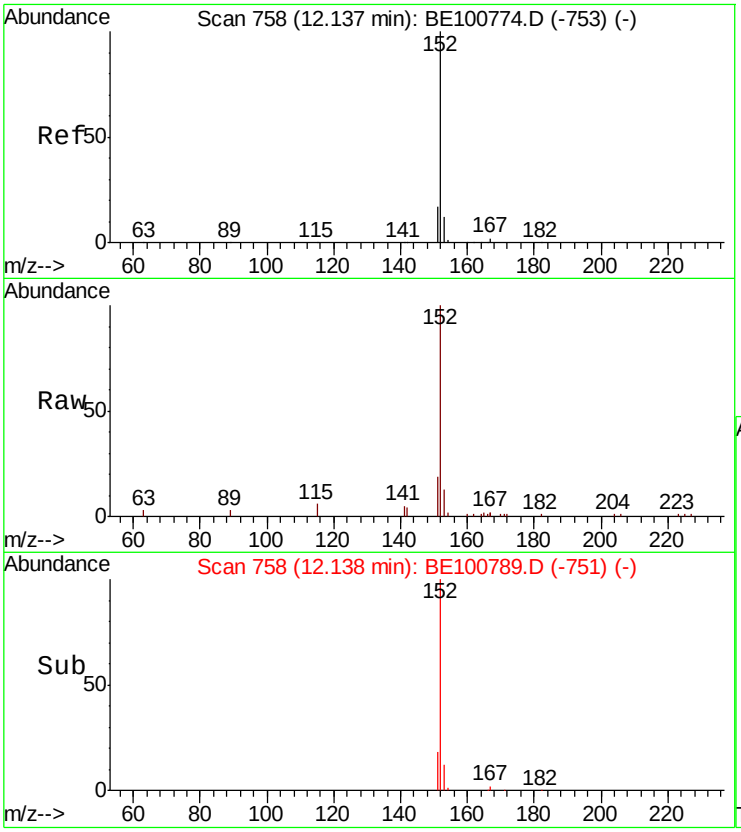


#9
Naphthalene
Concen: 0.357 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:128 Resp: 106929

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.3	2.7	4.1



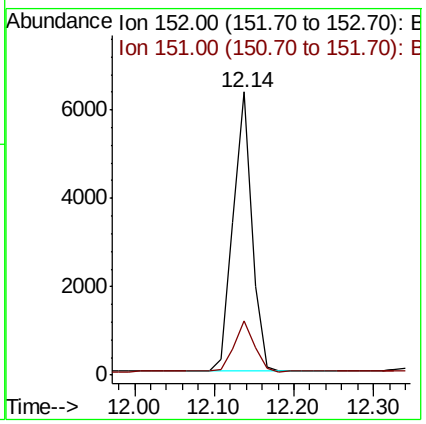


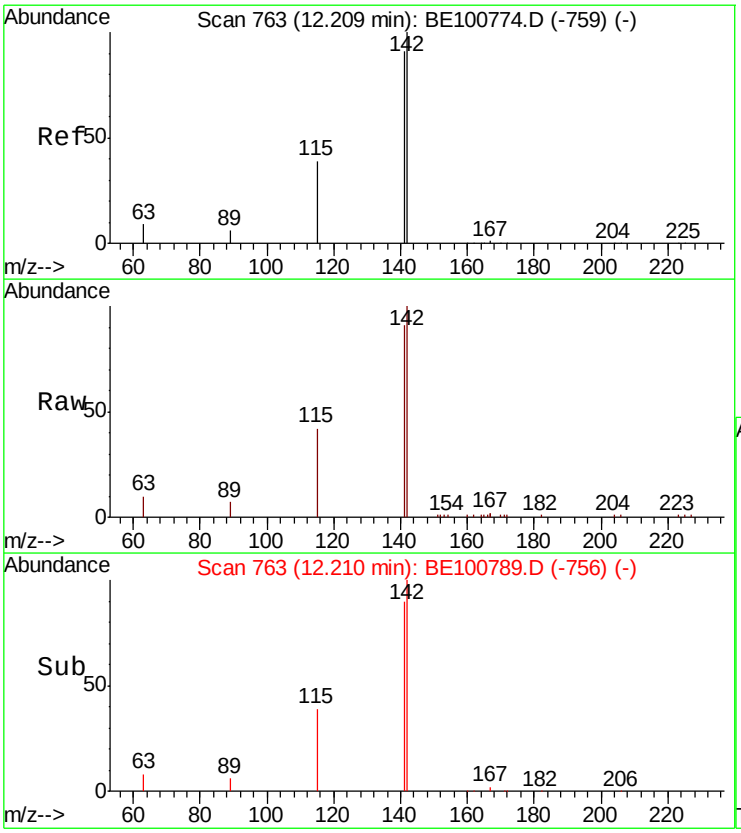
#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10371

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8

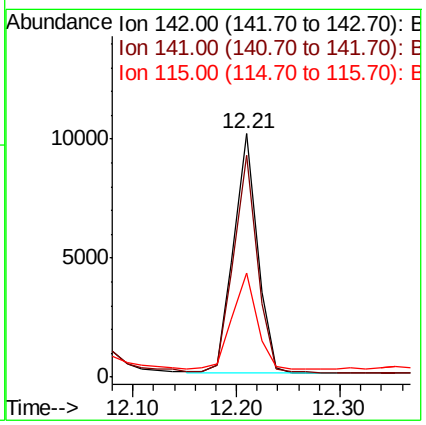


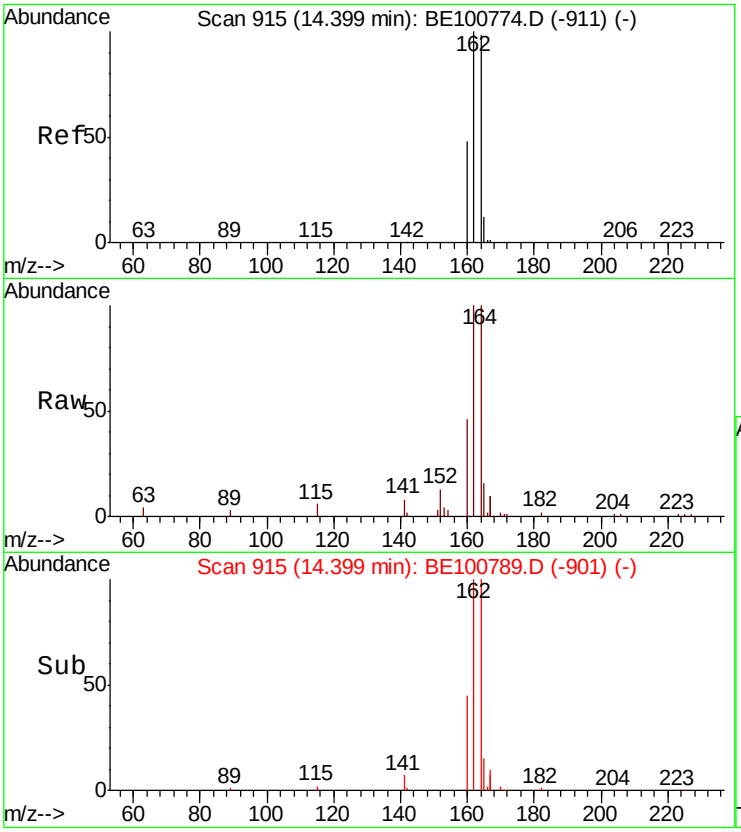


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:142 Resp: 16270

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	108.8
115	42.5	31.8	47.6



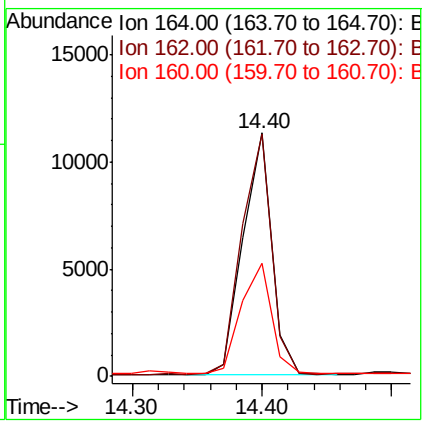


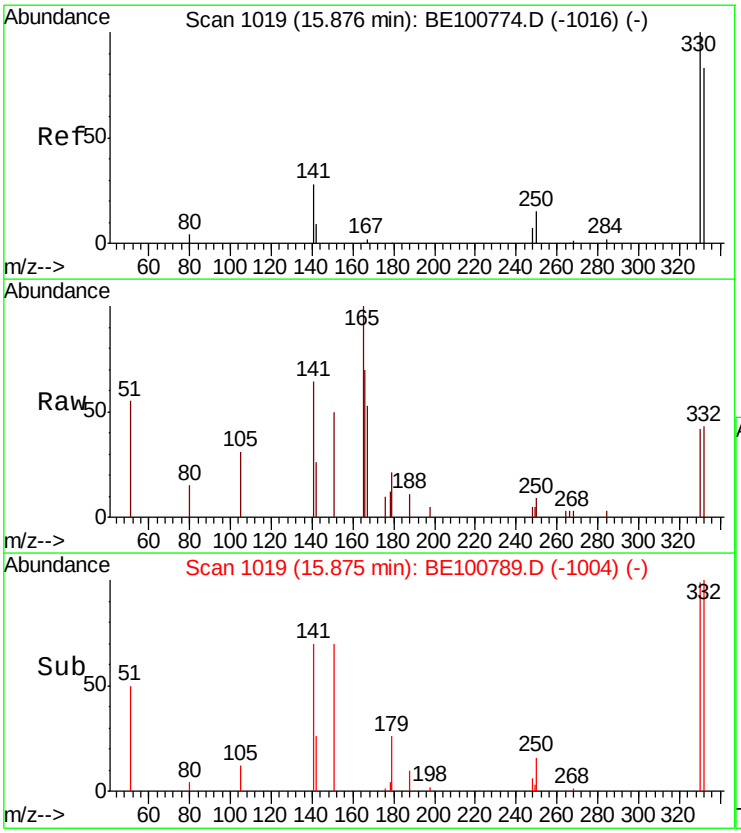
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 17389

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.0
160	46.4	39.4	59.0

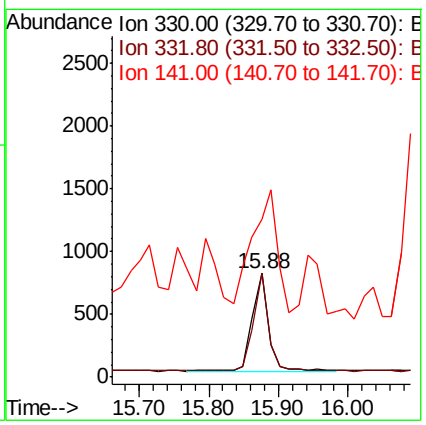


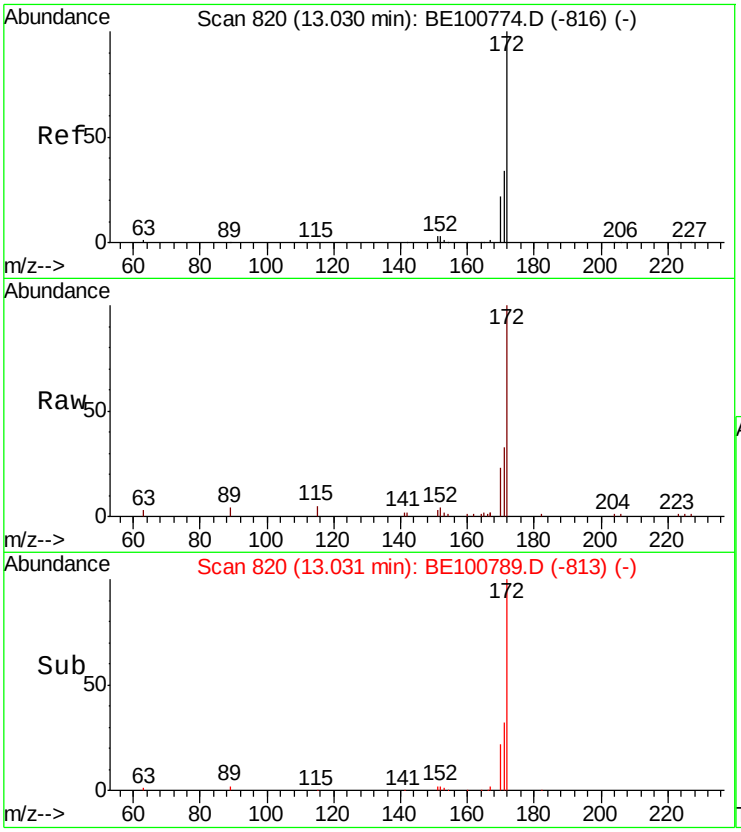


#14
2,4,6-Tribromophenol
Concen: 0.658 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:330 Resp: 1273

Ion	Ratio	Lower	Upper
330	100		
332	92.1	69.4	104.2
141	194.0	51.1	76.7#



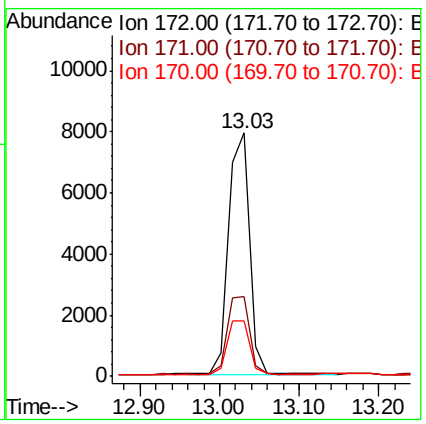


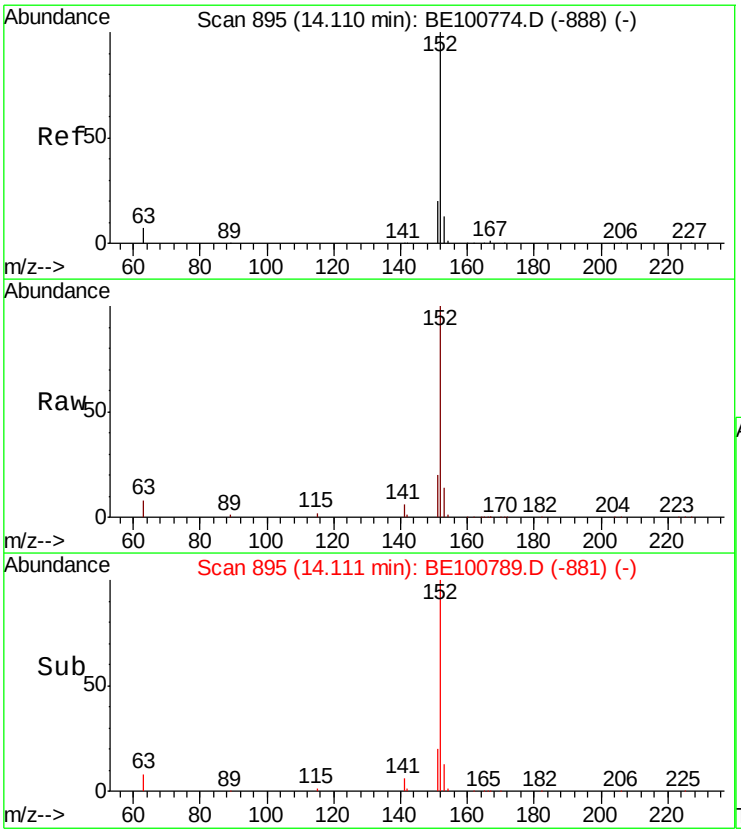
#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 14296

Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.2	40.8
170	22.6	18.0	27.0

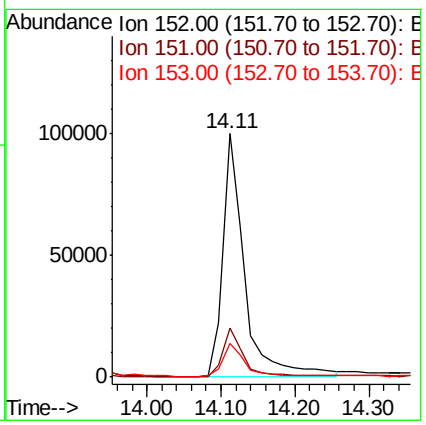


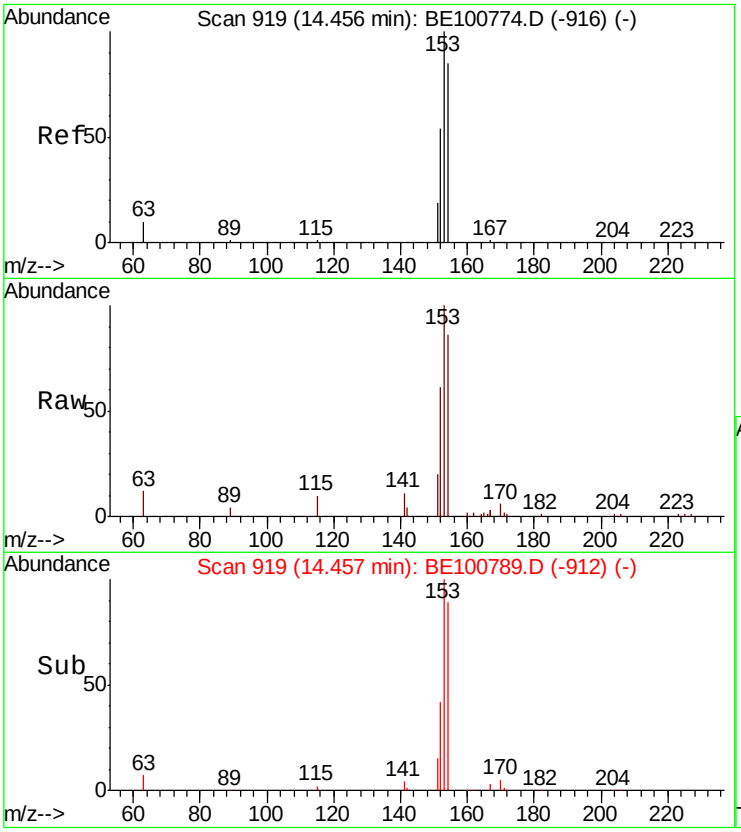


#16
Acenaphthylene
Concen: 2.820 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:152 Resp: 202884

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.7	10.4	15.6



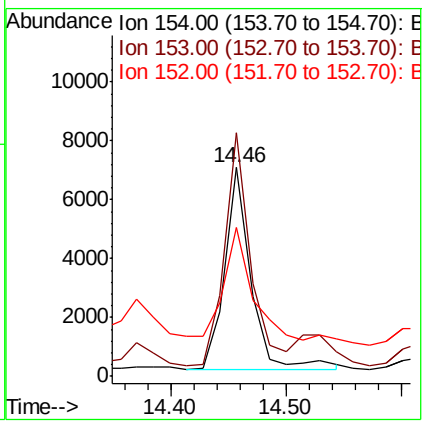


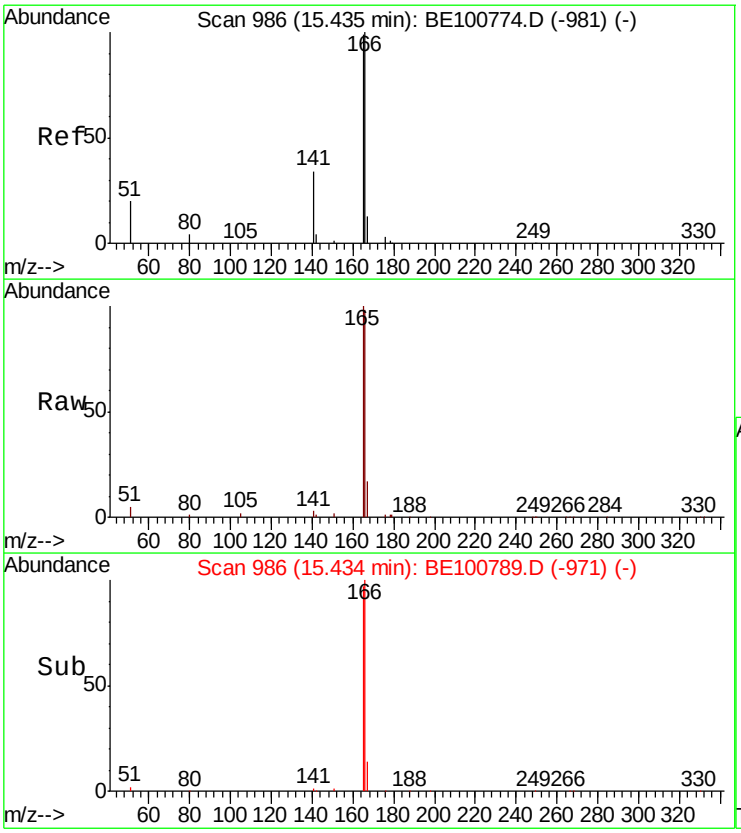
#17
Acenaphthene
Concen: 0.218 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10809

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.2	138.2
152	59.2	49.1	73.7

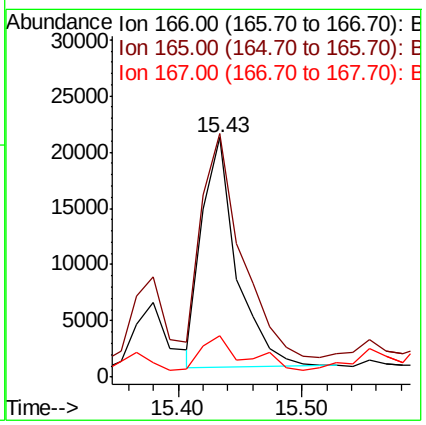


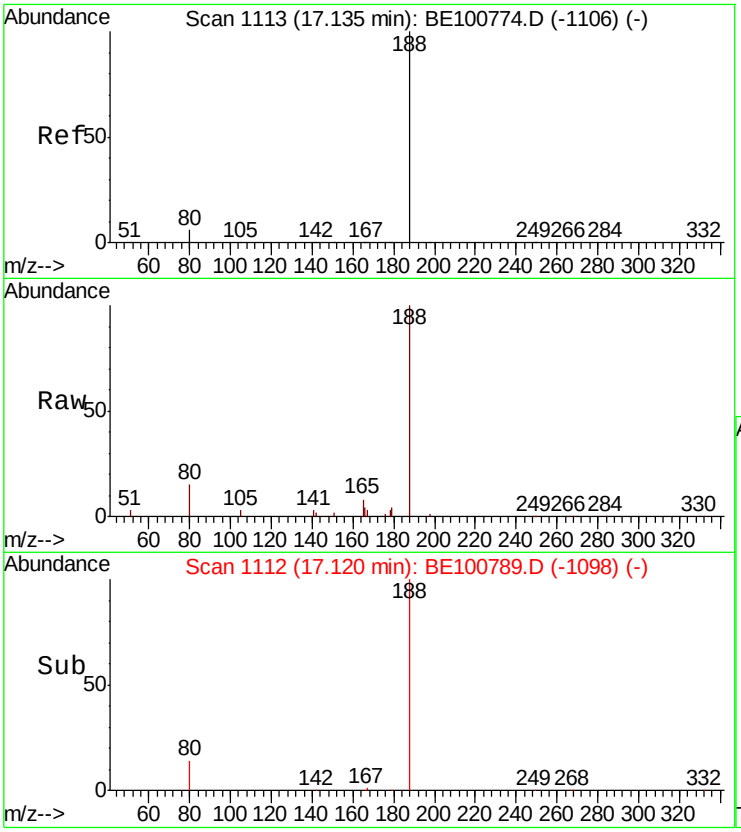


#18
Fluorene
Concen: 0.620 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:166 Resp: 39615

Ion	Ratio	Lower	Upper
166	100		
165	113.2	80.5	120.7
167	19.1	10.7	16.1#



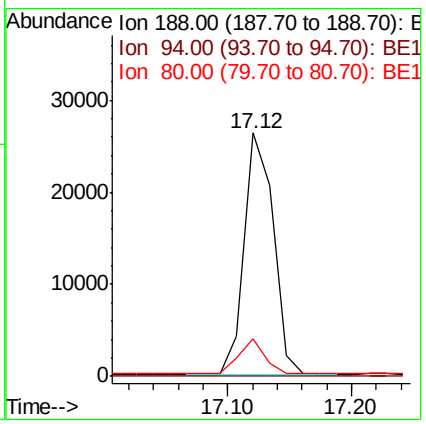


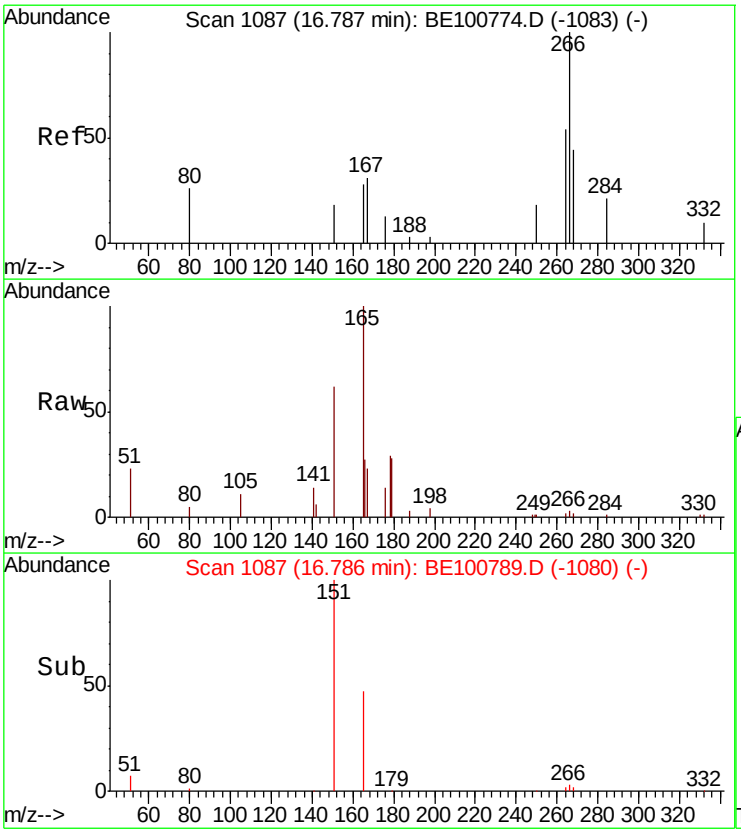
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 42923

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	5.2	7.8#

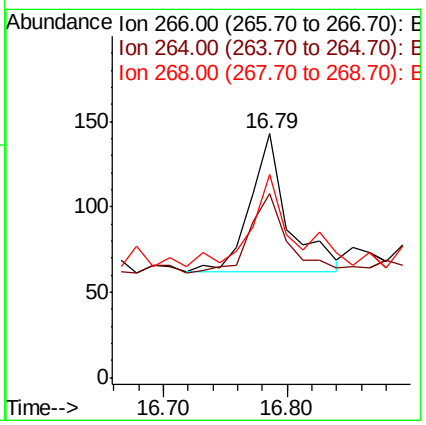


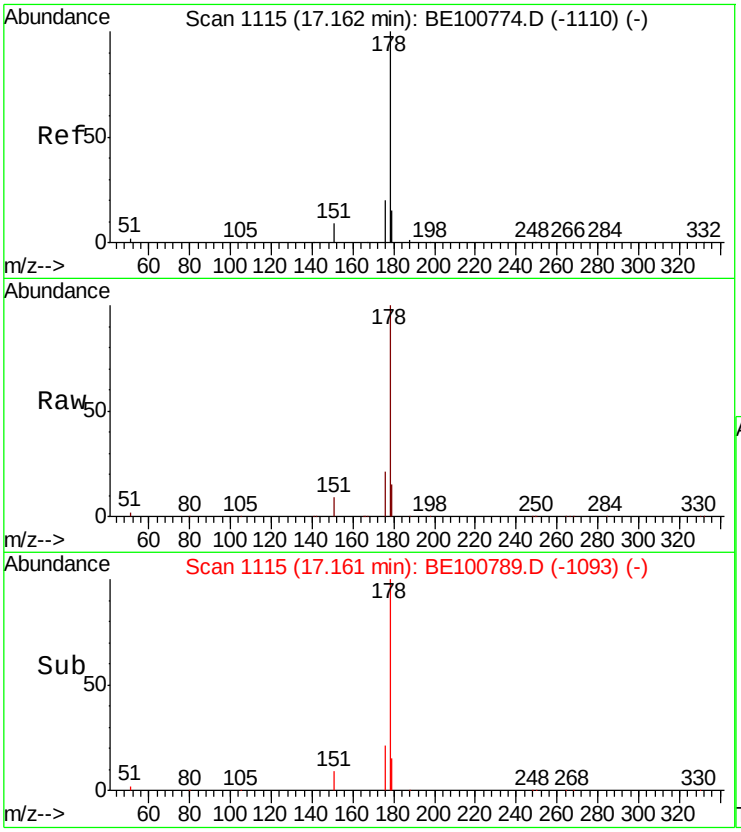


#22
Pentachlorophenol
Concen: 0.108 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:266 Resp: 171

Ion	Ratio	Lower	Upper
266	100		
264	75.5	63.4	95.0
268	83.2	65.8	98.8



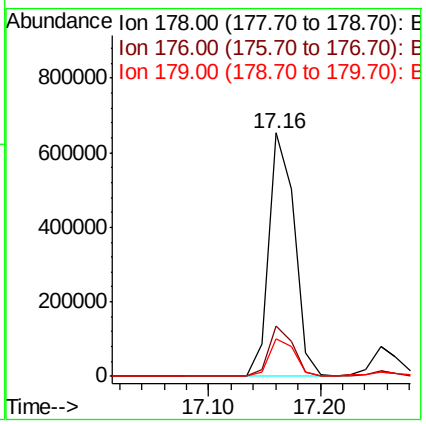


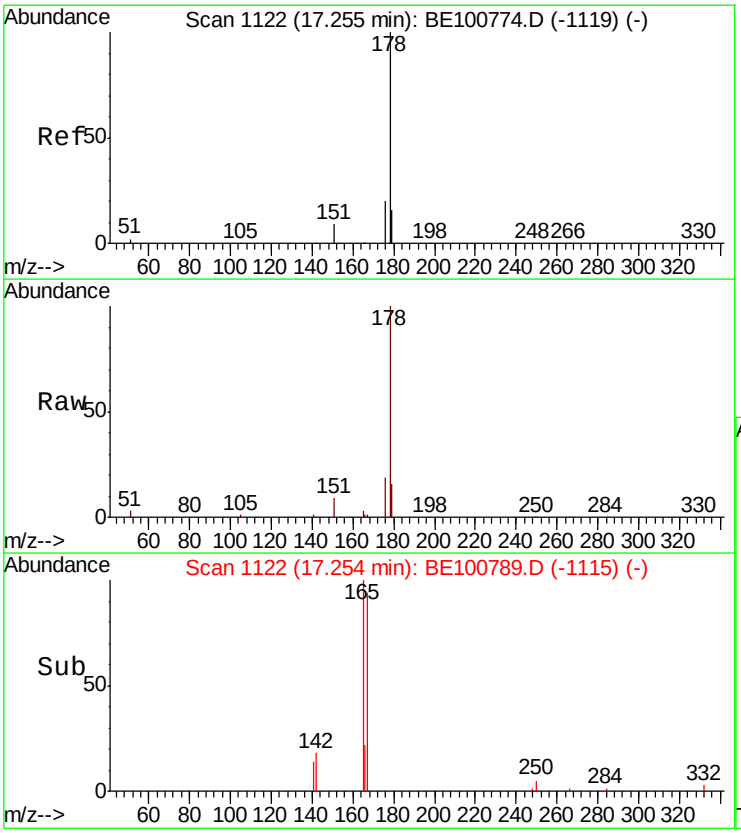
#23
Phenanthrene
Concen: 8.098 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1052827

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.9	12.3	18.5

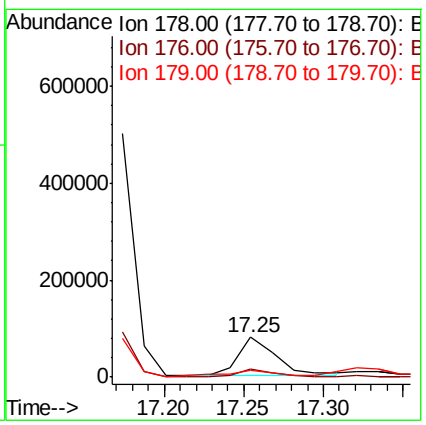


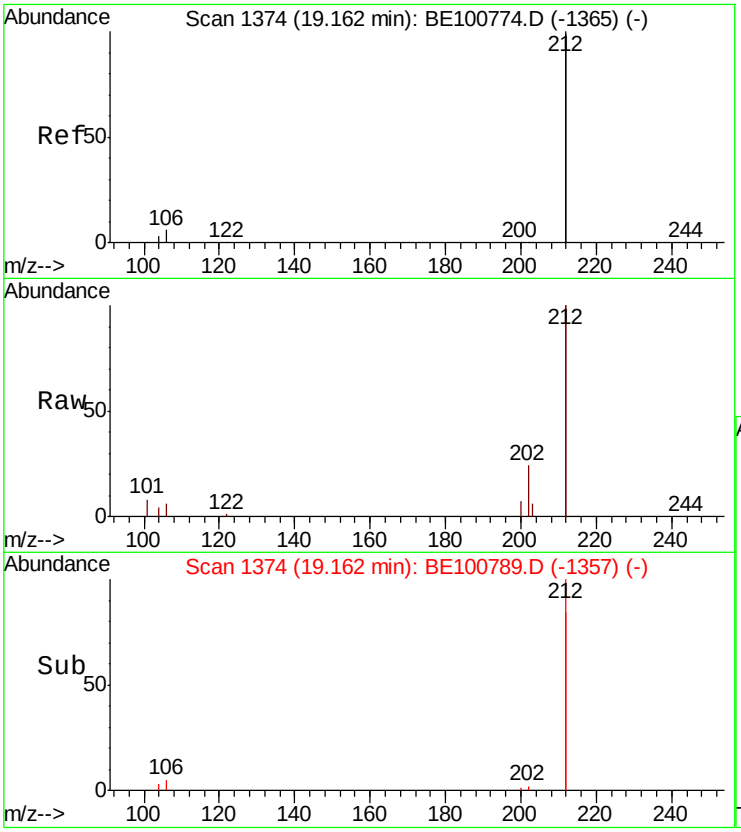


#24
Anthracene
Concen: 1.273 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:178 Resp: 138454

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	13.0	12.7	19.1



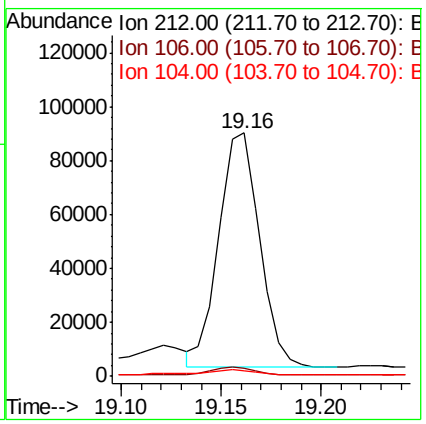


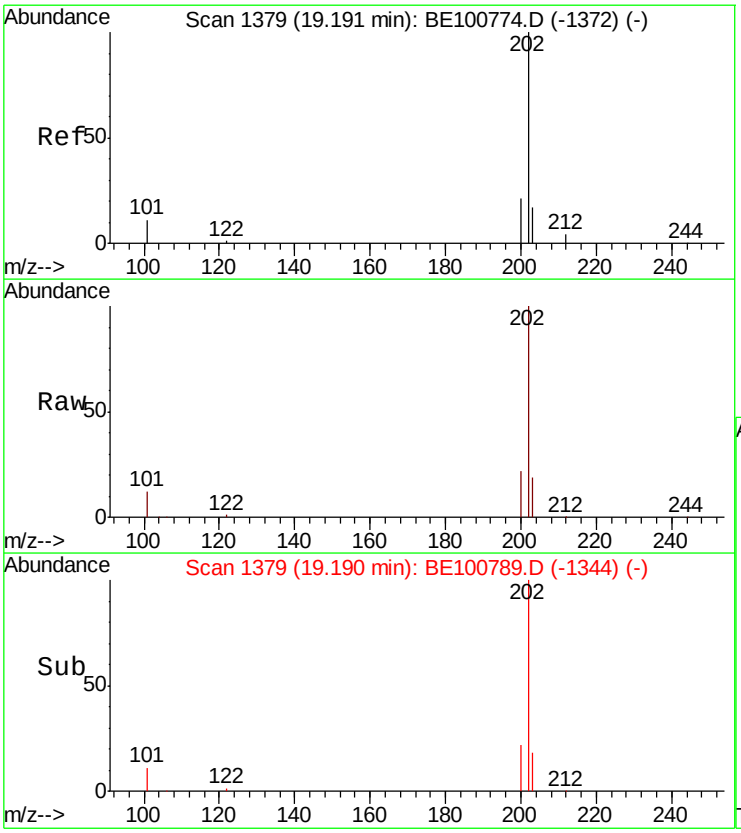
#25
Fluoranthene-d10
Concen: 0.242 ng
RT: 19.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 122773

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	2.3	1.4	2.2#

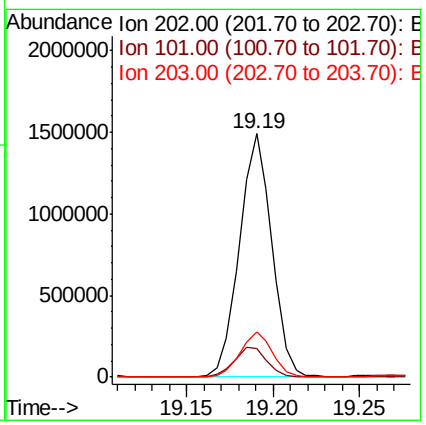


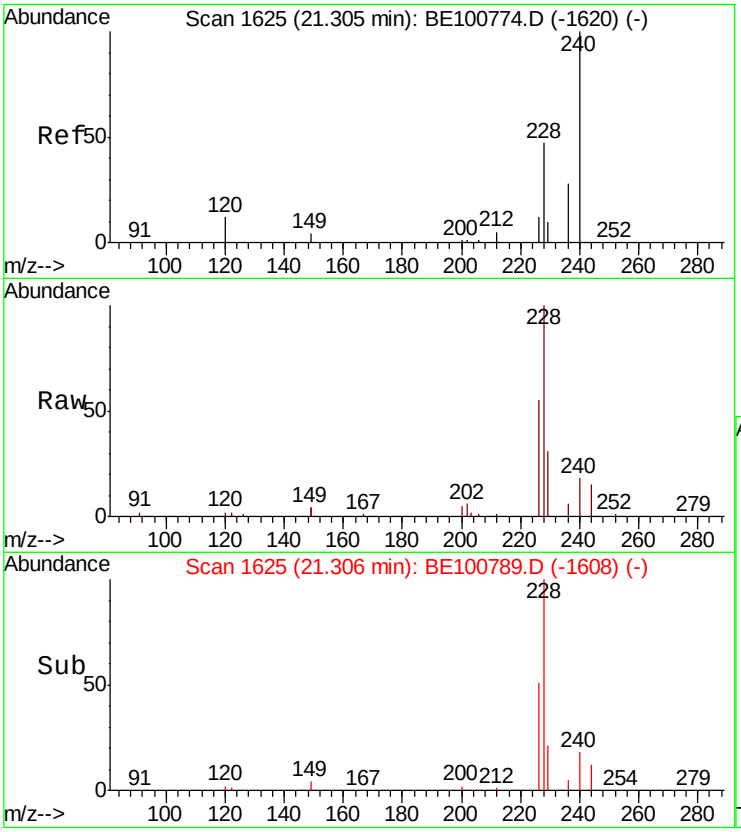


#26
Fluoranthene
Concen: 12.509 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:202 Resp: 1941017

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.1	13.7
203	18.4	13.8	20.6



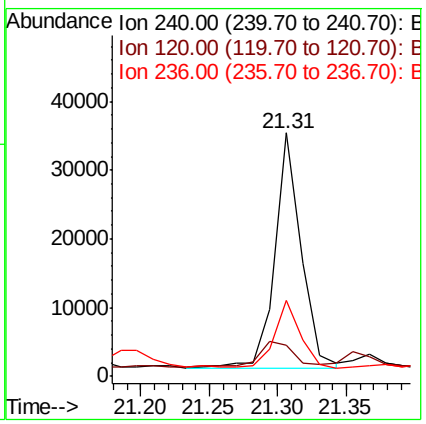


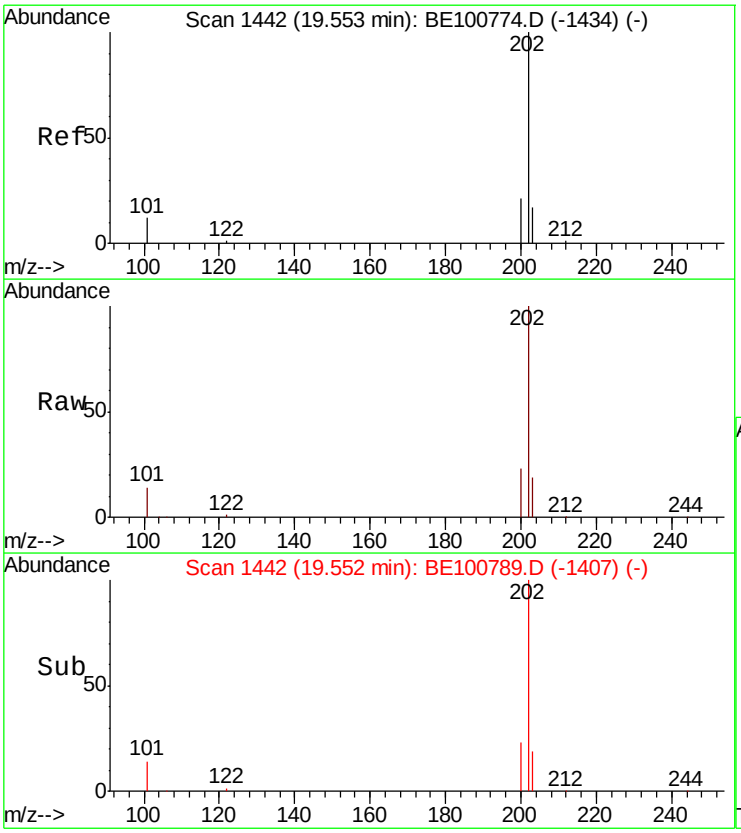
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 45026

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.2	15.2
236	31.0	22.3	33.5

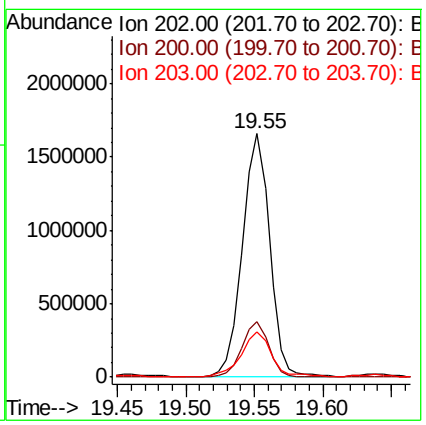


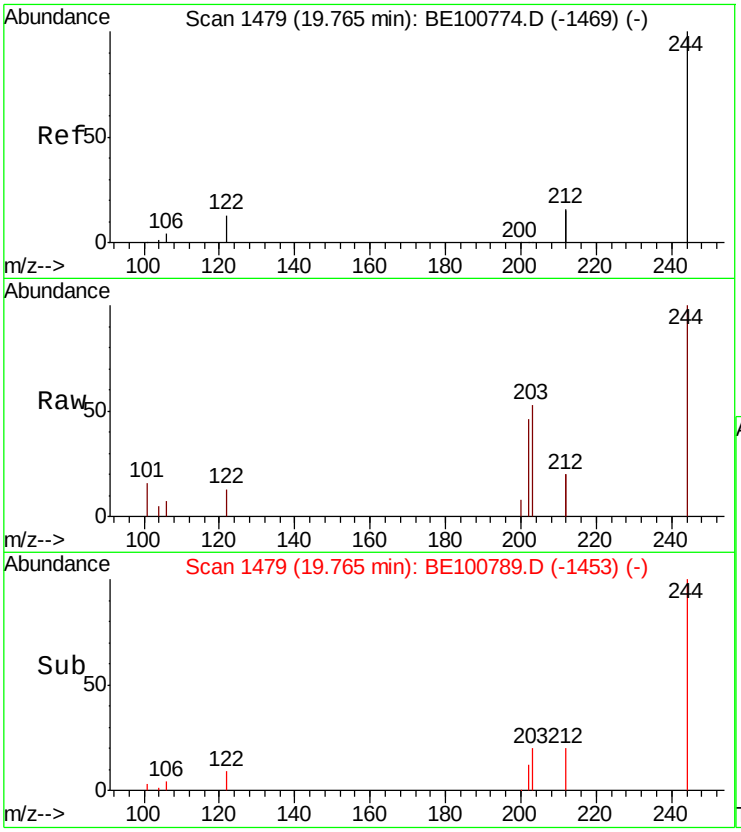


#28
Pyrene
Concen: 15.476 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:202 Resp: 2264126

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.0	25.4
203	20.7	13.9	20.9



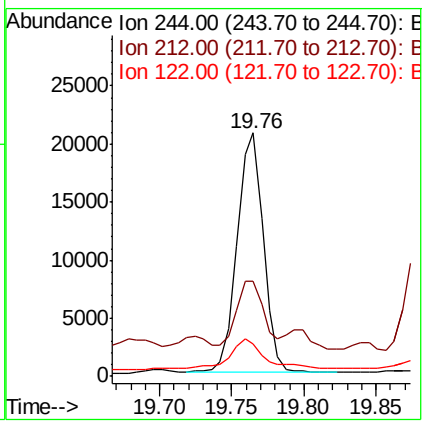


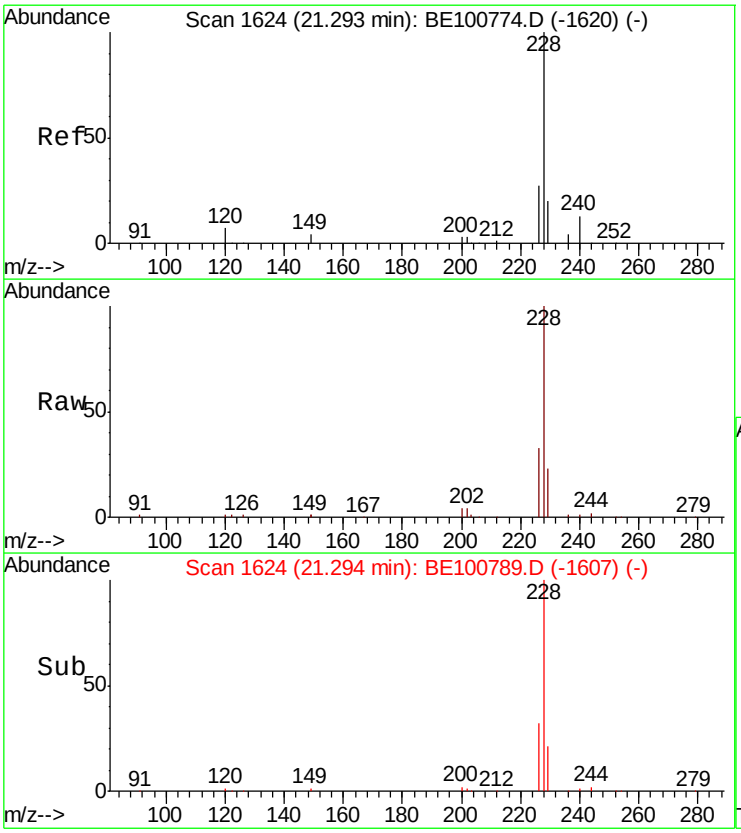
#29
Terphenyl-d14
Concen: 0.243 ng
RT: 19.76 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 26206

Ion	Ratio	Lower	Upper
244	100		
212	39.3	26.2	39.4
122	13.1	10.2	15.4

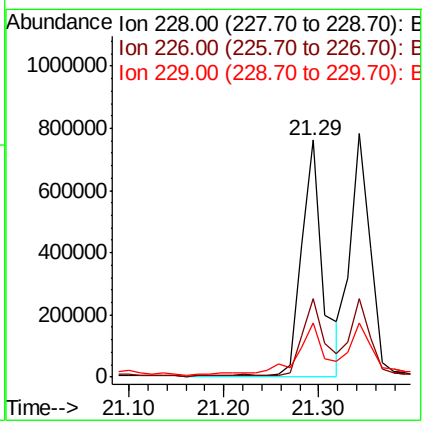


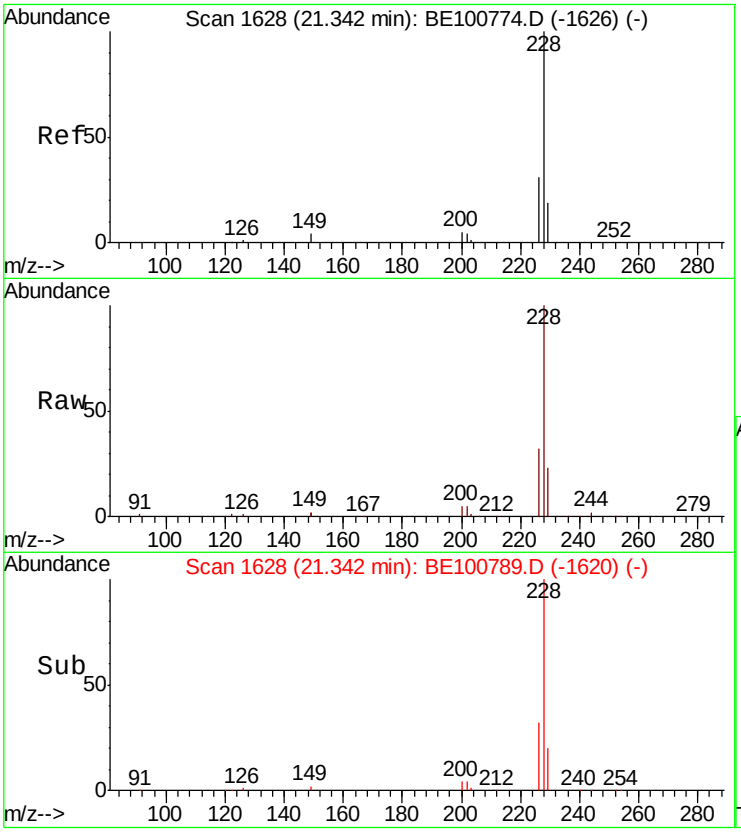


#30
Benzo(a)anthracene
Concen: 8.840 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:228 Resp: 1173181

Ion	Ratio	Lower	Upper
228	100		
226	32.9	21.5	32.3#
229	22.7	16.0	24.0



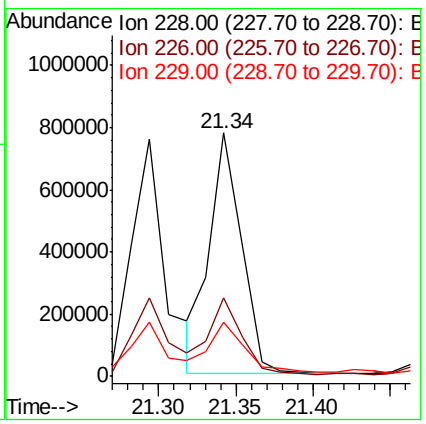


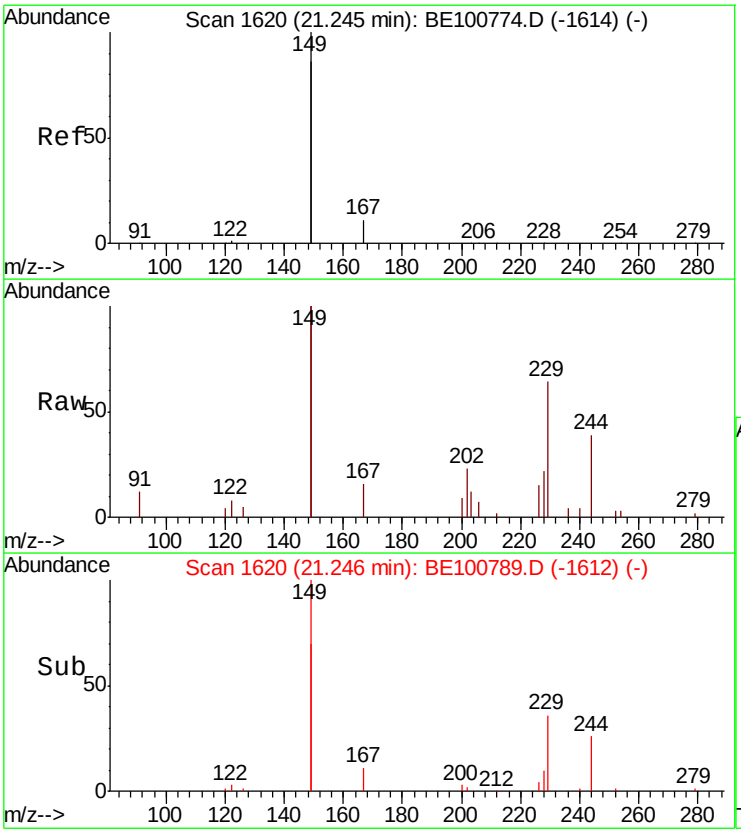
#31
Chrysene
Concen: 7.143 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1113853

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.4
229	22.5	15.4	23.2

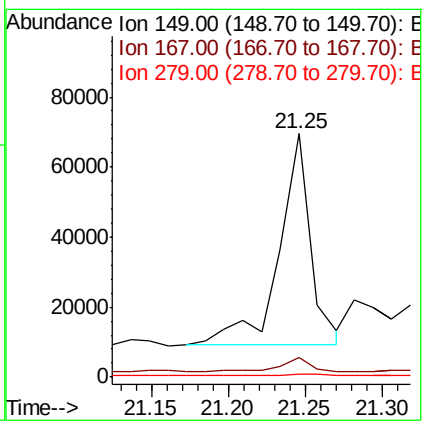


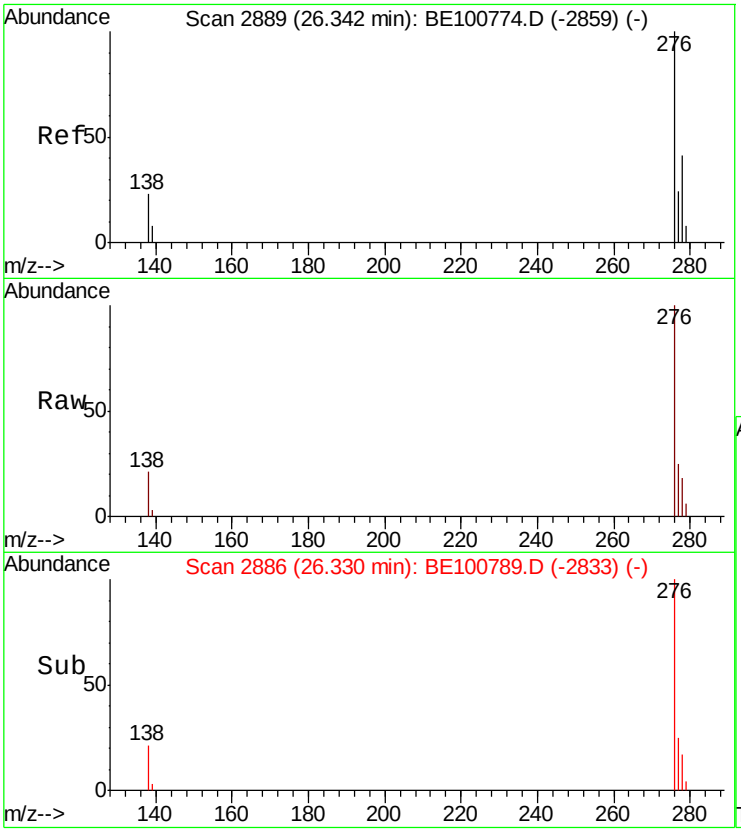


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.865 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:149 Resp: 85434

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.0	7.6
279	1.0	0.7	1.1



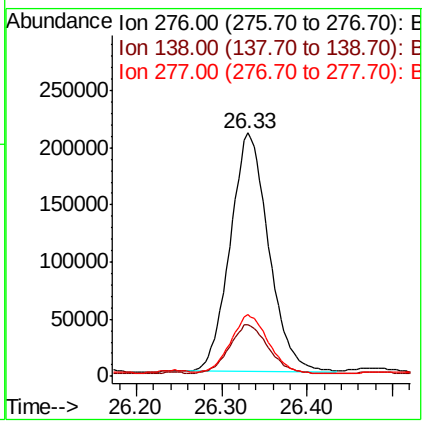


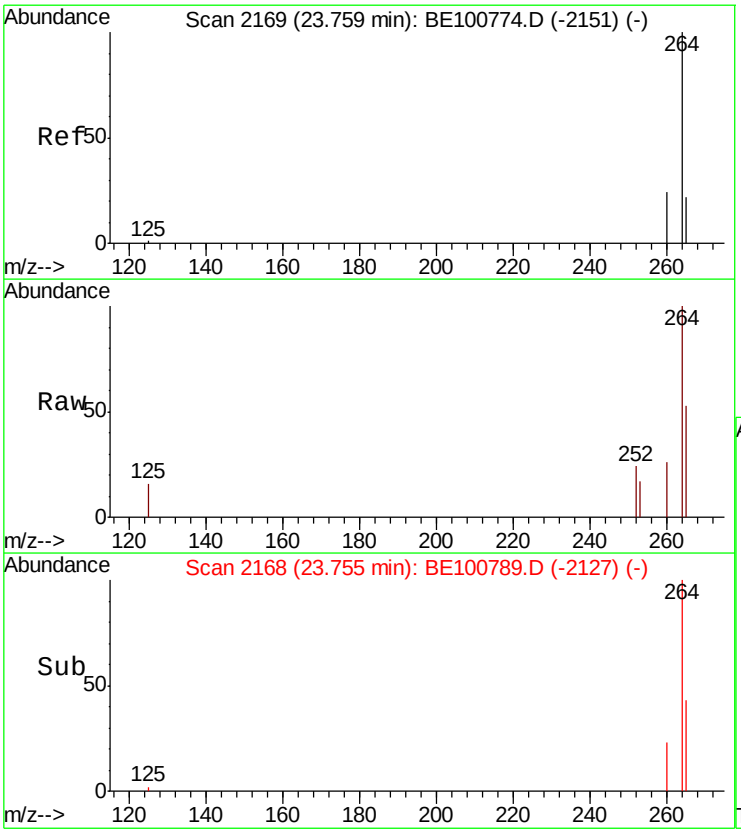
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.808 ng
RT: 26.33 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 653123

Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.4	29.0
277	24.8	19.8	29.6

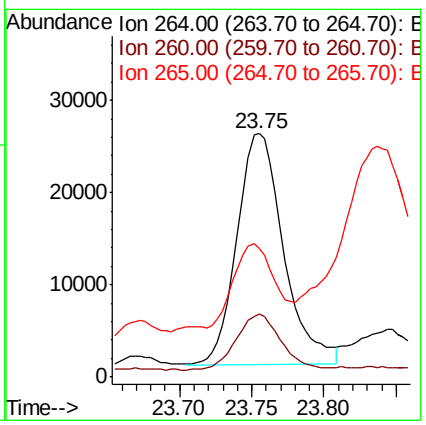


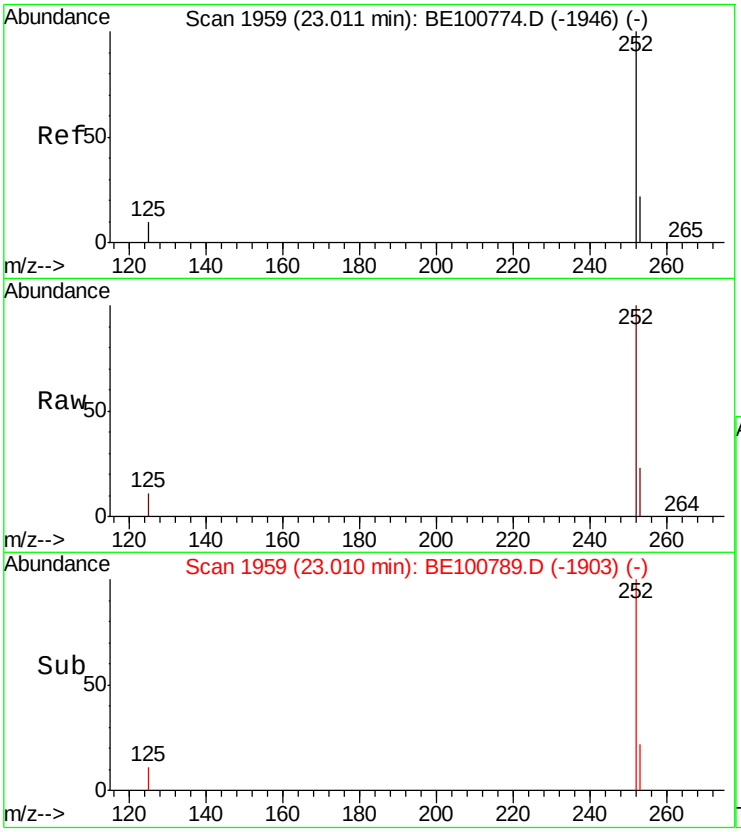


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:264 Resp: 55332

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.4	29.2
265	52.6	21.8	32.8#



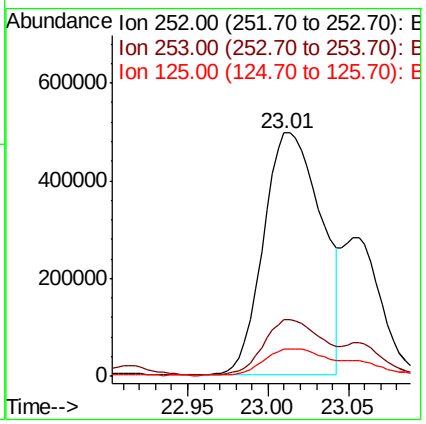


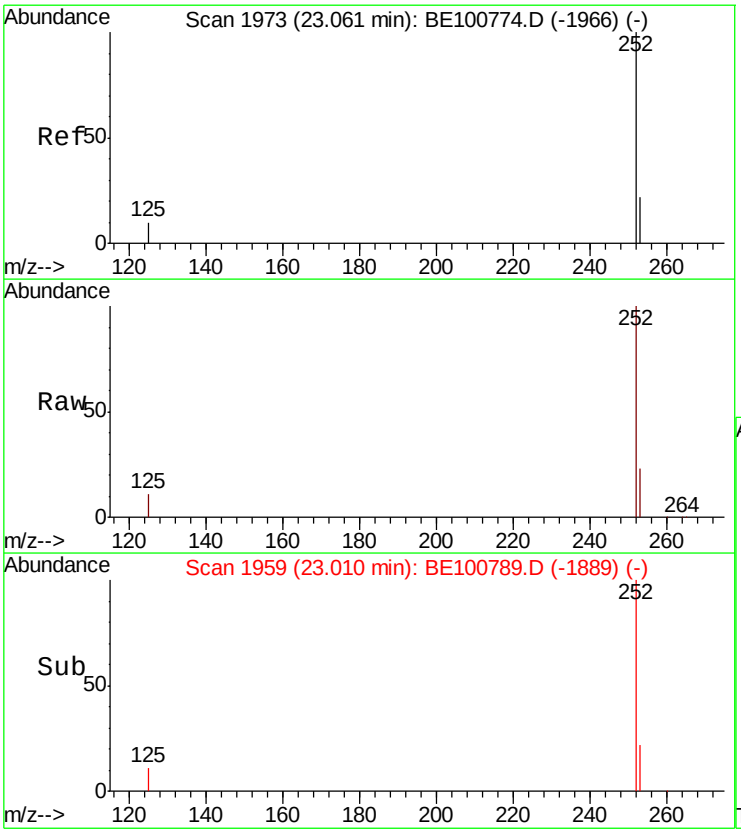
#35
Benzo(b)fluoranthene
Concen: 8.185 ng
RT: 23.01 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1239954

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.2	9.0	13.4

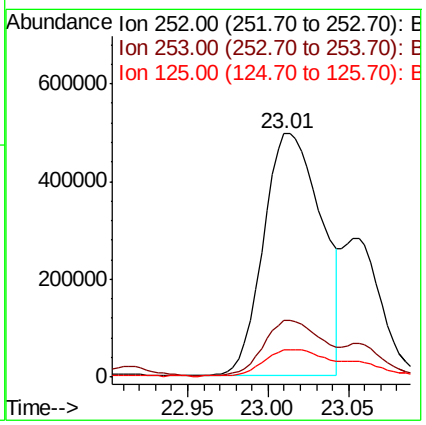


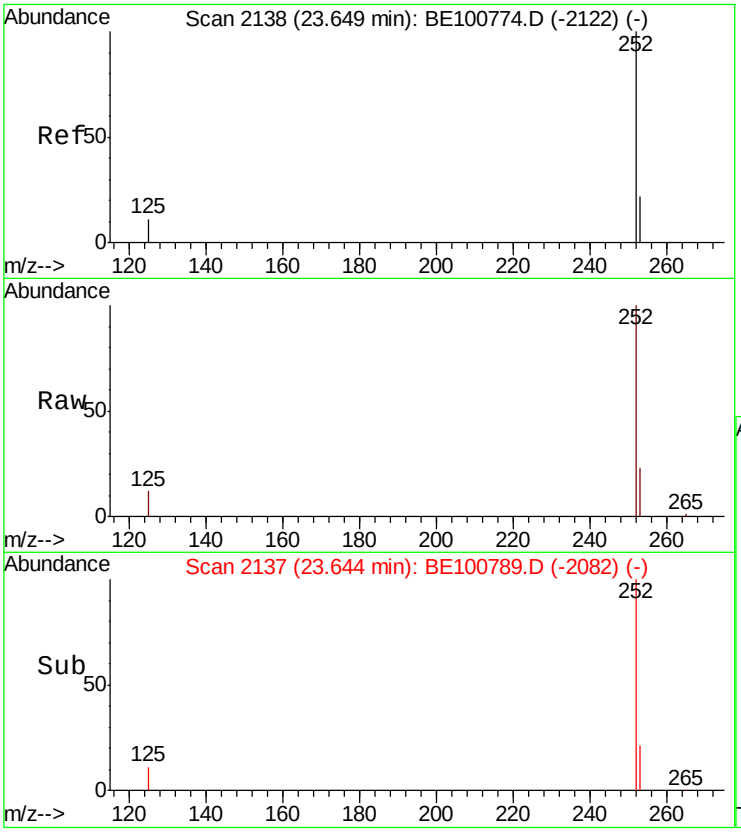


#36
Benzo(k)fluoranthene
Concen: 7.299 ng
RT: 23.01 min Scan# 1959
Delta R.T. -0.05 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:252 Resp: 1239954

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.2	8.7	13.1



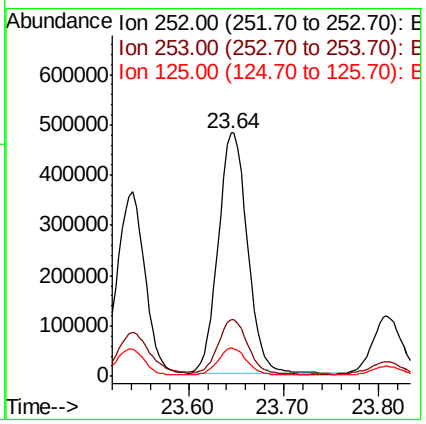


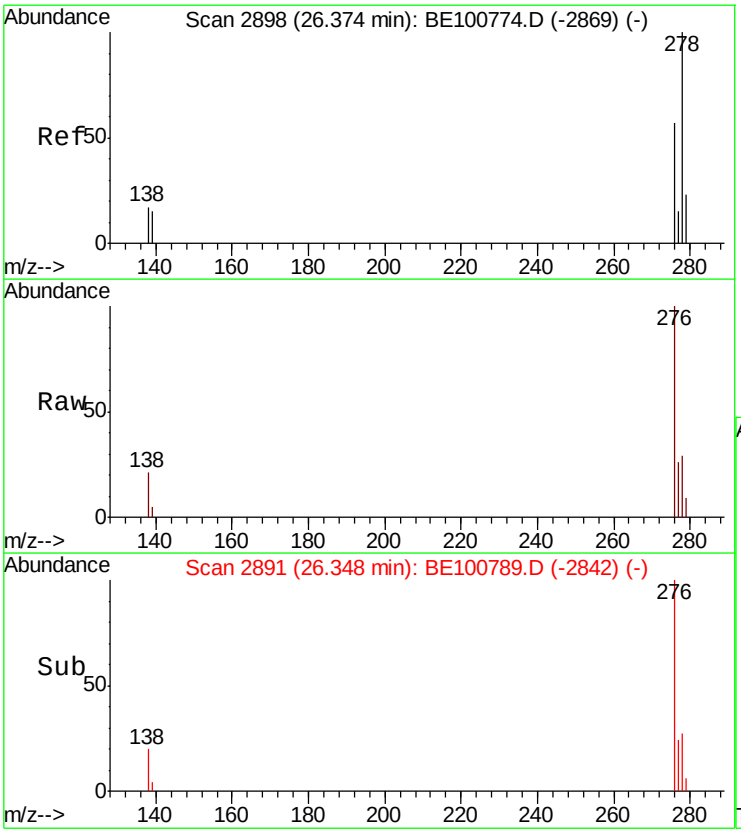
#37
Benzo(a)pyrene
Concen: 7.743 ng
RT: 23.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1015480

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	11.6	10.4	15.6

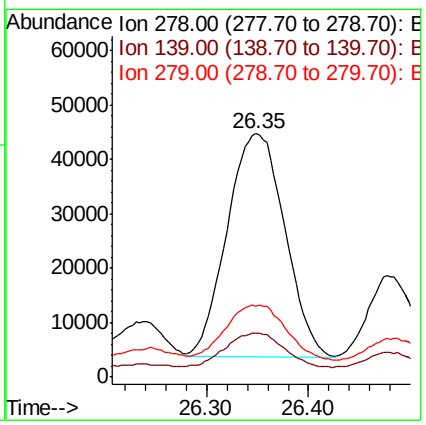


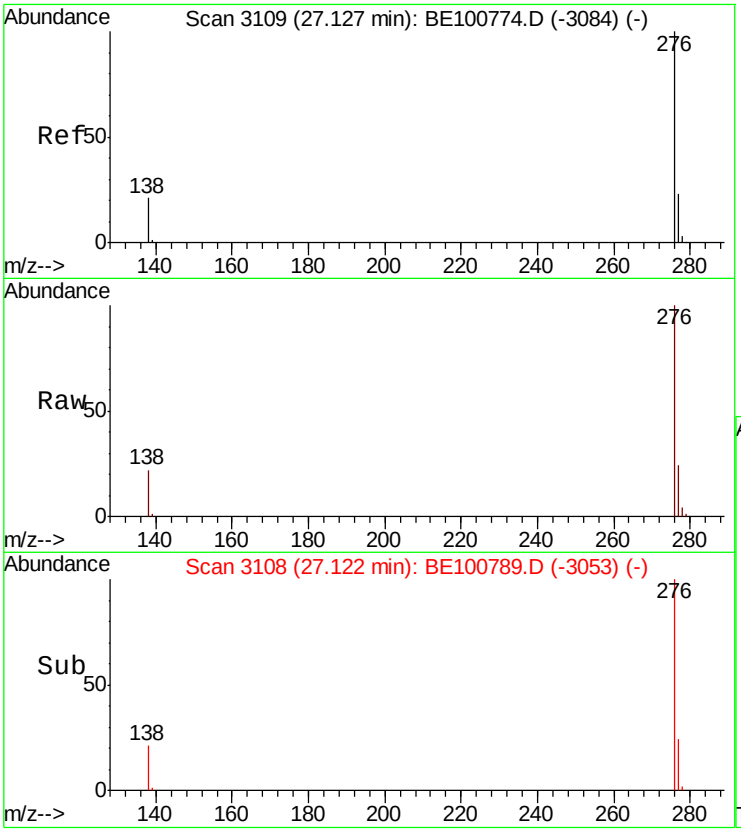


#38
Dibenzo(a,h)anthracene
Concen: 1.232 ng
RT: 26.35 min Scan# 2891
Delta R.T. -0.03 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Tgt Ion:278 Resp: 160770

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.0	19.4
279	29.3	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 5.245 ng
RT: 27.12 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE100789.D
Acq: 5 Dec 2019 15:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 731803

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	21.9	17.8	26.6