Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100146.D
Acq On : 21 Jun 2019 21:06
Operator : JU/SJ
Sample : K3428-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-084-SW156-061319

Quant Time: Jun 22 02:05:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	637	0.40	ng		-0.01
7) Naphthalene-d8	10.52	136	2338	0.40	ng		-0.01
13) Acenaphthene-d10	14.40	164	2146	0.40	ng		-0.01
19) Phenanthrene-d10	17.15	188	6921	0.40	ng		-0.01
27) Chrysene-d12	21.34	240	10468	0.40	ng		0.00
34) Perylene-d12	23.83	264	13768	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	522	0.39	ng		-0.01
5) Phenol-d6	6.89	99	767	0.42	ng		-0.03
8) Nitrobenzene-d5	8.90	82	812	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	133	0.03	ng		-0.01
14) 2,4,6-Tribromophenol	15.89	330	488	0.41	ng		-0.03
15) 2-Fluorobiphenyl	13.02	172	2198	0.26	ng		-0.03
25) Fluoranthene-d10	19.18	212	3087	0.03	ng		-0.01
29) Terphenyl-d14	19.79	244	5383	0.26	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.57	42	10	0.356	ng	#	100
6) bis(2-Chloroethyl)ether	7.18	93	3	0.035	ng	#	1
9) Naphthalene	10.58	128	11360	0.447	ng		99
12) 2-Methylnaphthalene	12.21	142	2363	0.566	ng		95
16) Acenaphthylene	14.13	152	21946	2.154	ng		98
17) Acenaphthene	14.47	154	6337	1.113	ng		96
18) Fluorene	15.45	166	11364	1.340	ng	#	88
22) Pentachlorophenol	16.81	266	8	0.248	ng	#	77
23) Phenanthrene	17.19	178	338928	20.439	ng		99
24) Anthracene	17.28	178	45785	3.274	ng		98
26) Fluoranthene	19.22	202	649942	24.417	ng		98
28) Pyrene	19.59	202	1153085	42.856	ng	#	93
30) Benzo(a)anthracene	21.33	228	640950	20.582	ng		97
31) Chrysene	21.38	228	665938	18.404	ng		97
32) Bis(2-ethylhexyl)phthalate	21.24	149	24758	0.843	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.47	276	254744	6.257	ng	#	96
35) Benzo(b)fluoranthene	23.07	252	540740	13.384	ng	#	97
36) Benzo(k)fluoranthene	23.26	252	78234	1.702	ng		96
37) Benzo(a)pyrene	23.72	252	516258	13.238	ng	#	93
38) Dibenzo(a,h)anthracene	26.49	278	91154	2.280	ng	#	94
39) Benzo(g,h,i)perylene	27.29	276	313953	7.558	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100146.D
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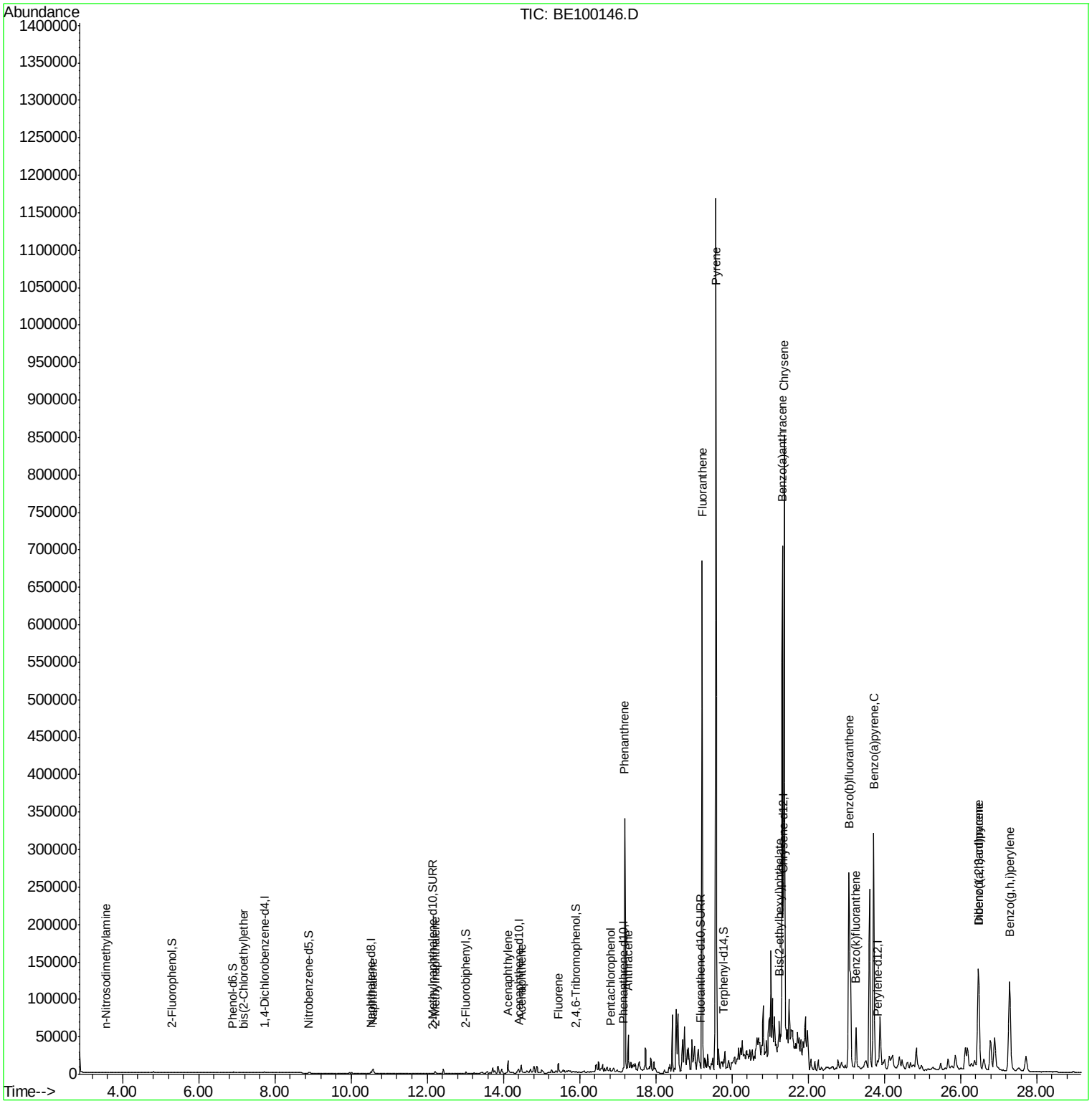
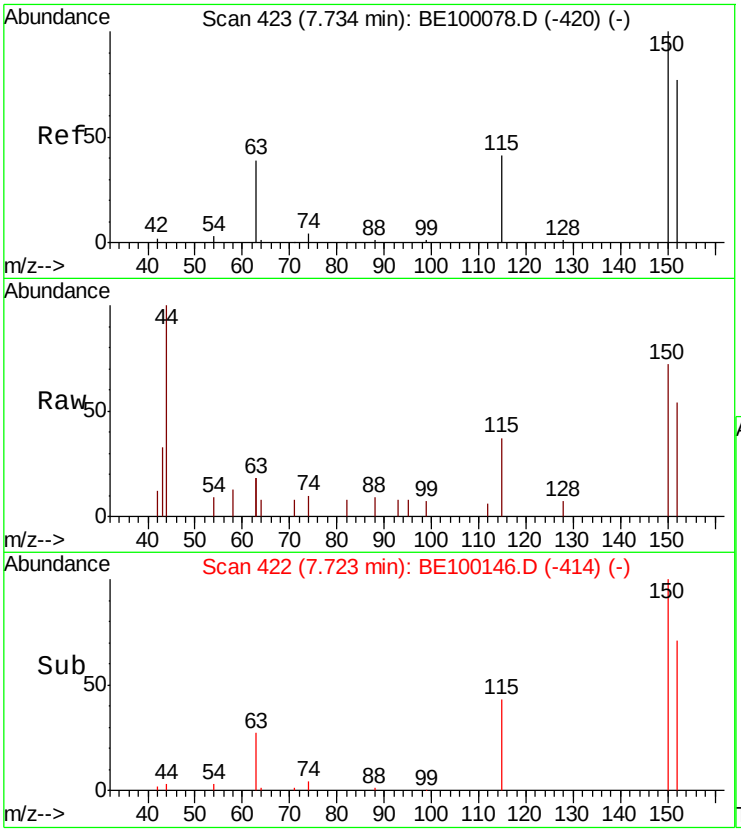
Operator : JU/SJ
Sample : K3428-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Quant Time: Jun 22 02:05:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



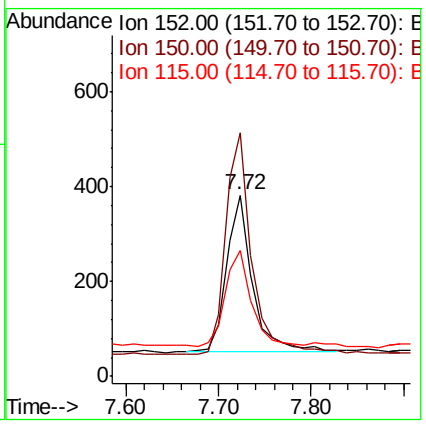


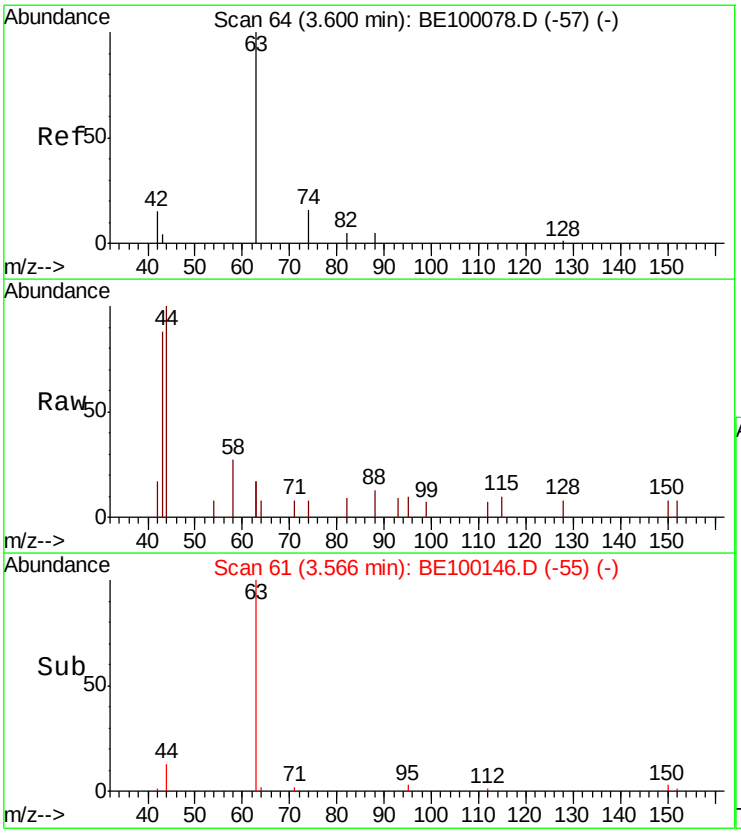
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:152 Resp: 637

Ion	Ratio	Lower	Upper
152	100		
150	134.3	99.8	149.8
115	69.4	51.3	76.9

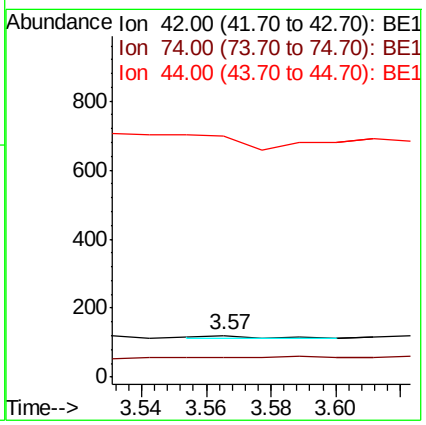


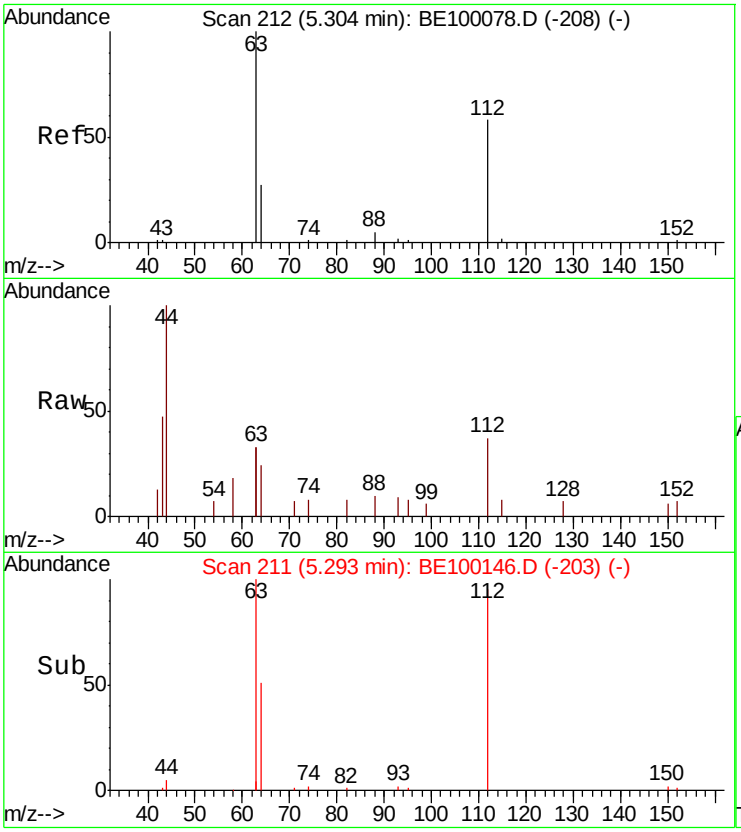


#3
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



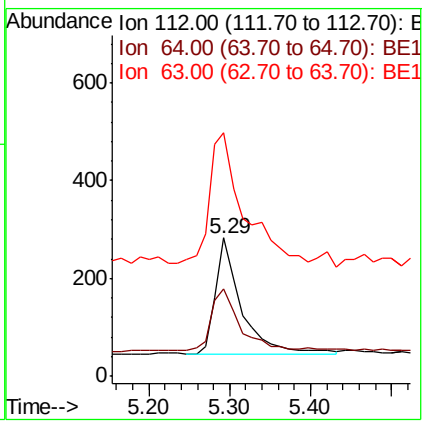


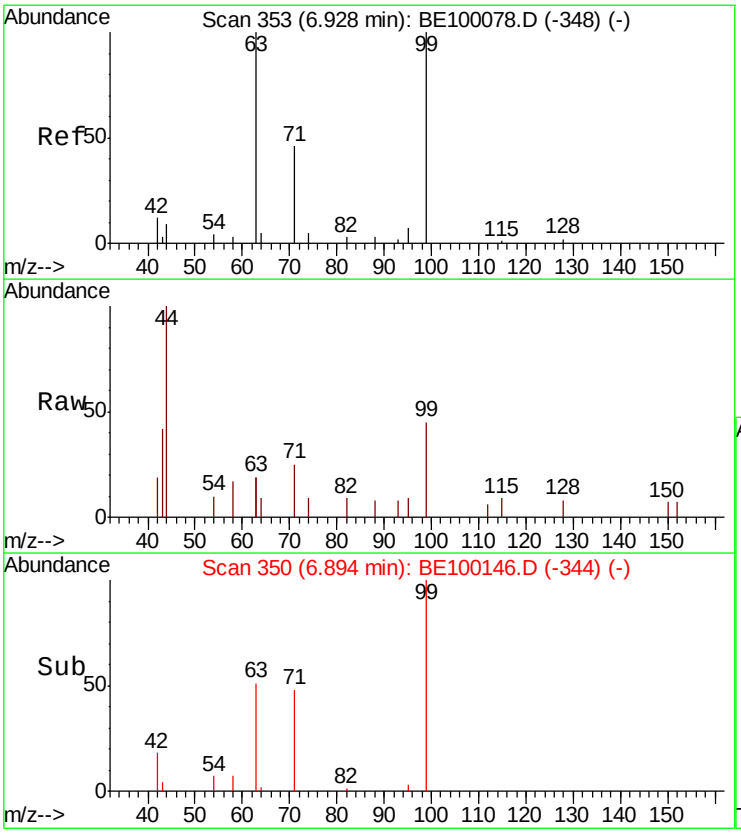
#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:112 Resp: 522

Ion	Ratio	Lower	Upper
112	100		
64	57.9	22.0	33.0#
63	148.5	121.8	182.6

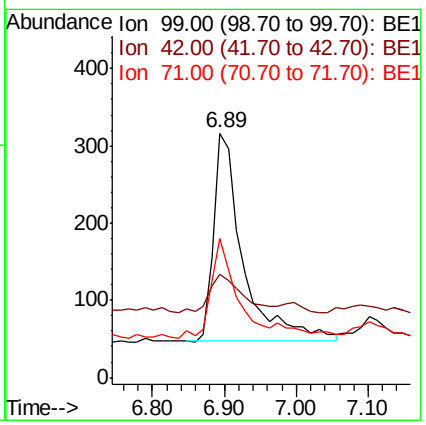


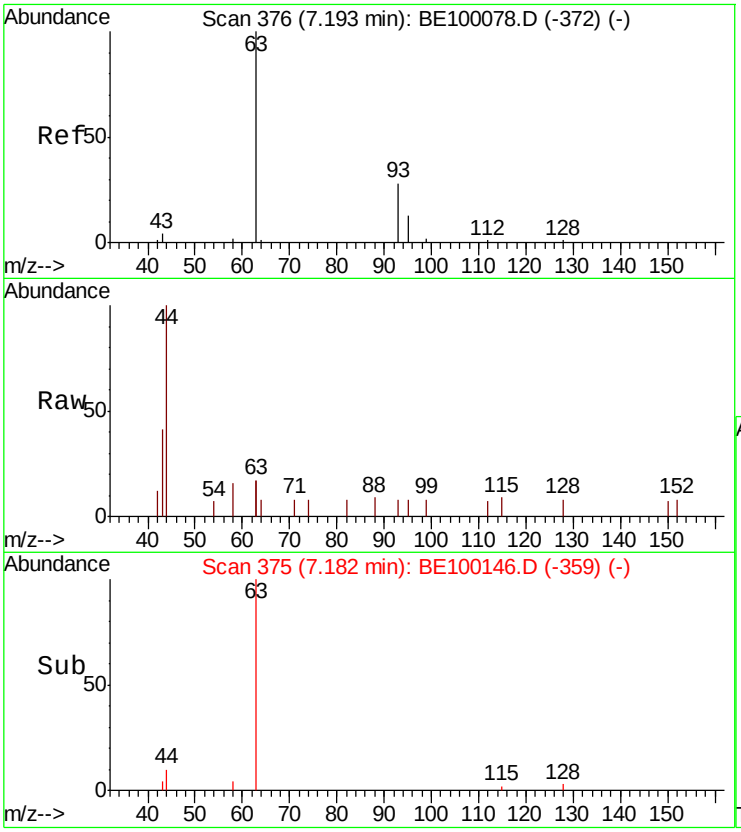


#5
Phenol-d6
Concen: 0.423 ng
RT: 6.89 min Scan# 350
Delta R.T. -0.03 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion: 99 Resp: 767

Ion	Ratio	Lower	Upper
99	100		
42	19.9	0.0	0.0#
71	40.9	37.6	56.4



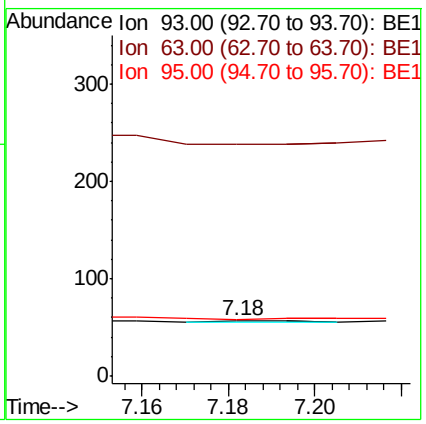


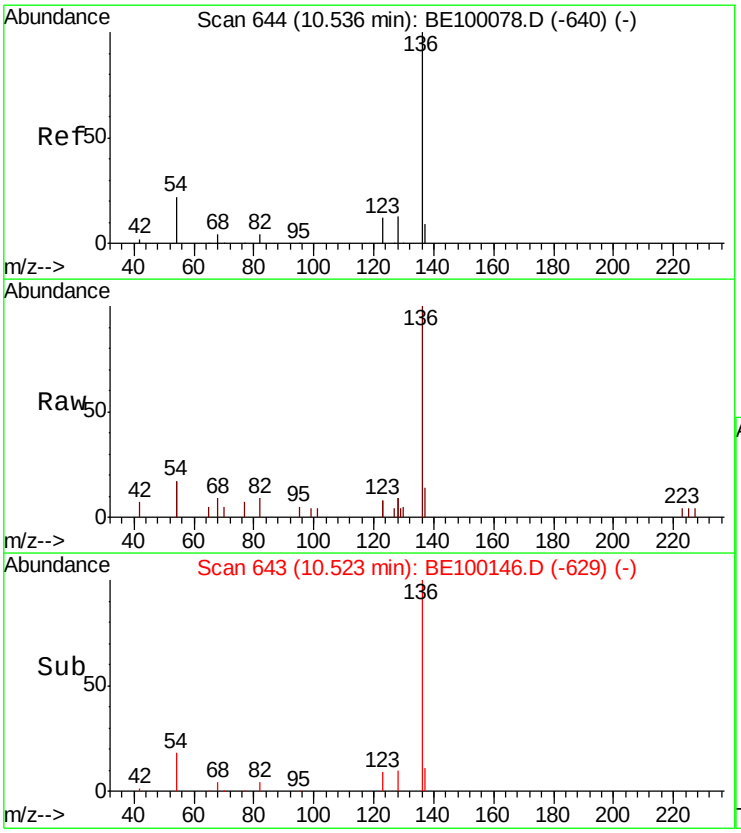
#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion: 93 Resp: 3

Ion	Ratio	Lower	Upper
93	100		
63	0.0	200.0	300.0#
95	0.0	24.0	36.0#

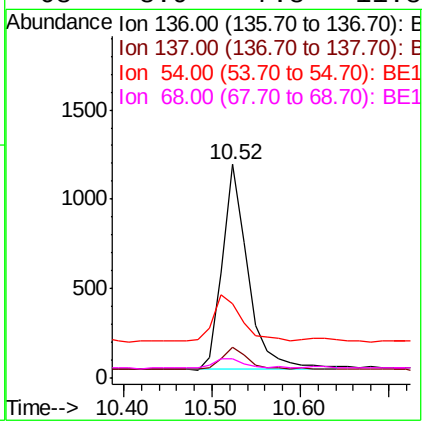


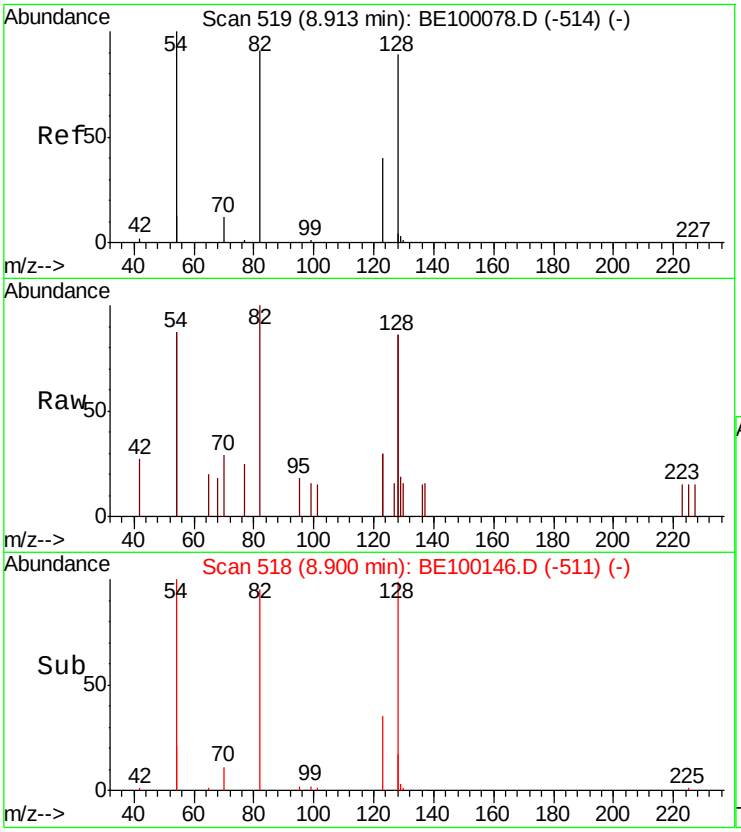


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:136 Resp: 2338

Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.6	17.4
54	34.5	33.9	50.9
68	8.9	7.8	11.8



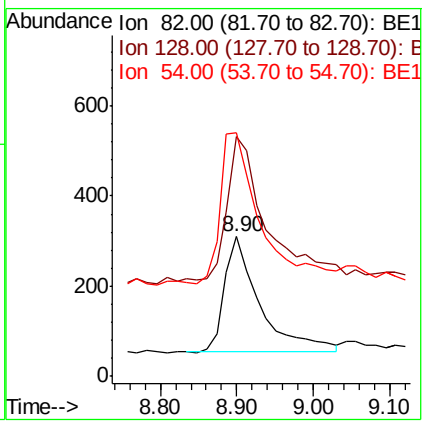


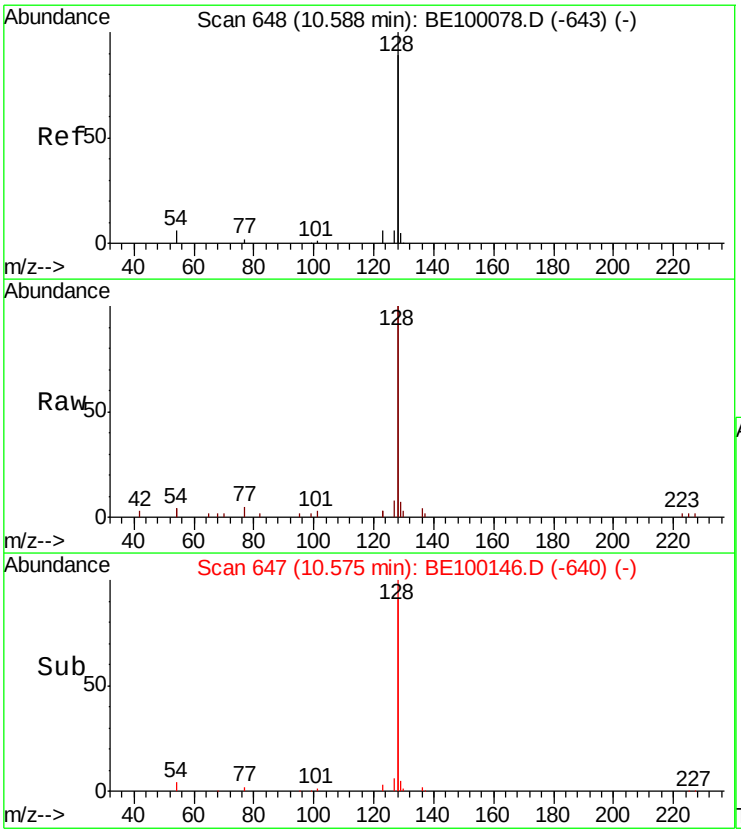
#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion: 82 Resp: 812

Ion	Ratio	Lower	Upper
82	100		
128	171.6	128.0	192.0
54	174.2	143.4	215.0

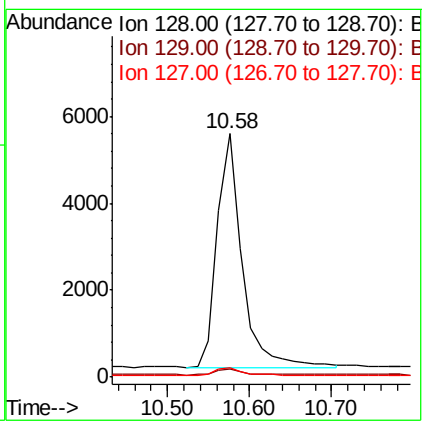


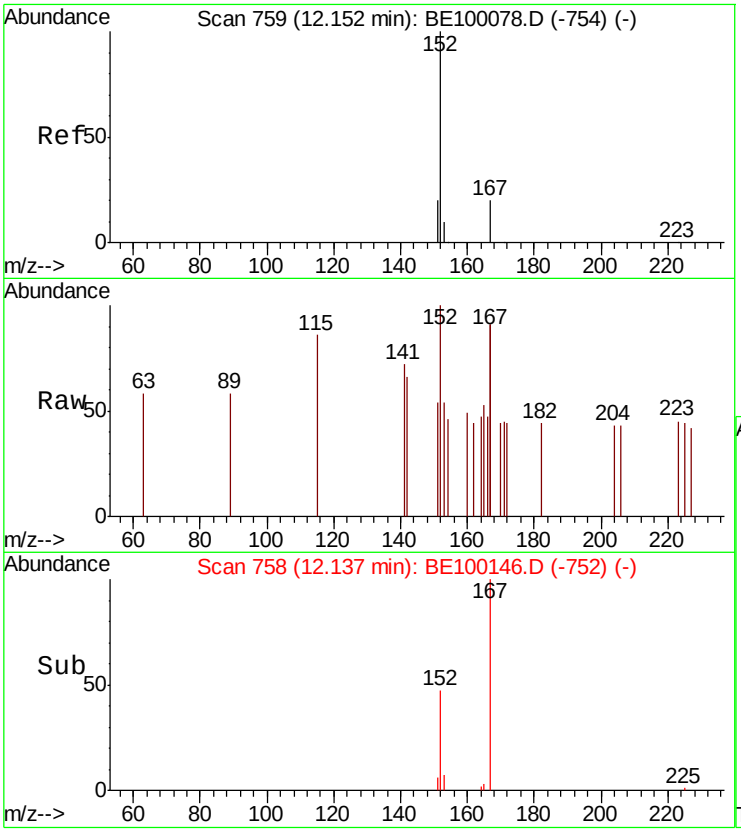


#9
Naphthalene
Concen: 0.447 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:128 Resp: 11360

Ion	Ratio	Lower	Upper
128	100		
129	3.5	3.1	4.7
127	3.9	3.4	5.2



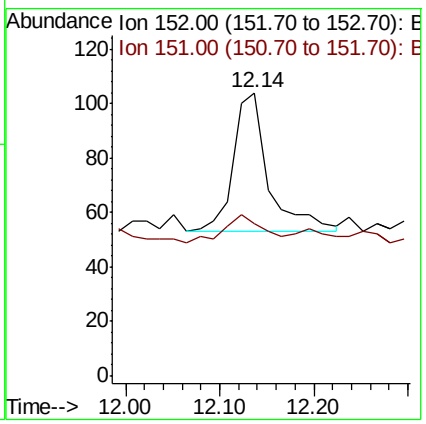


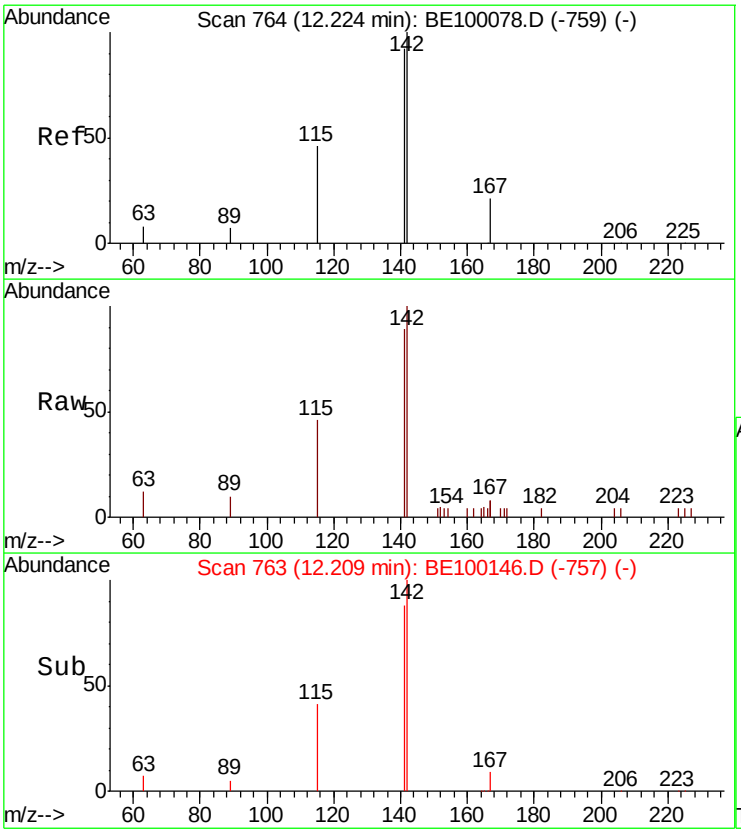
#11
2-Methylnaphthalene-d10
Concen: 0.030 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:152 Resp: 133

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5

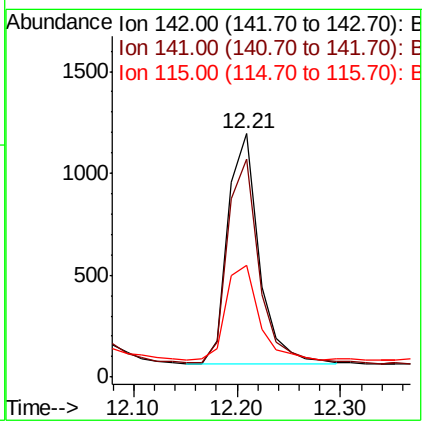


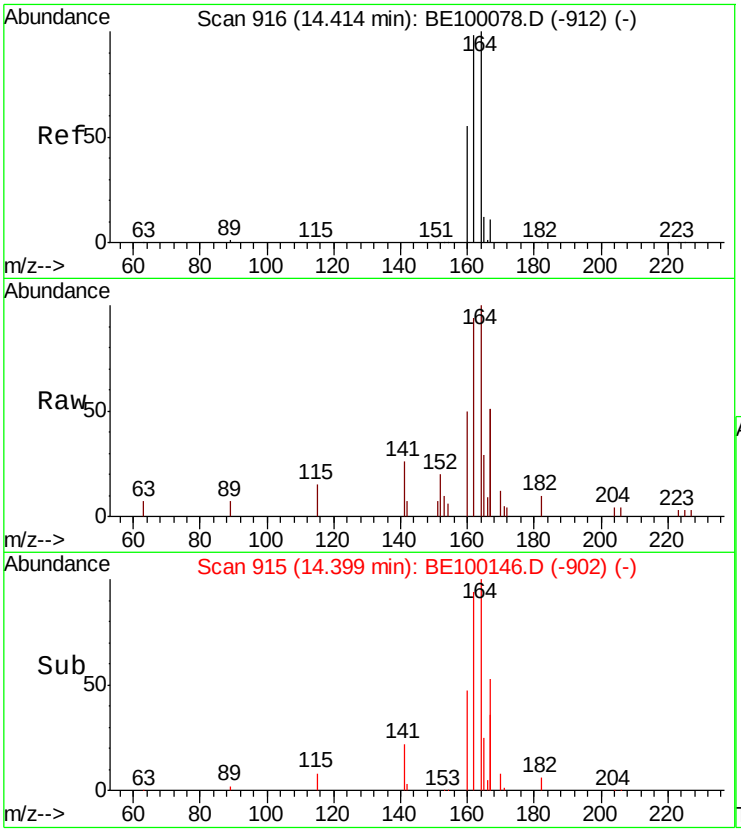


#12
2-Methylnaphthalene
Concen: 0.566 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:142 Resp: 2363

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.1	111.1
115	45.9	40.9	61.3



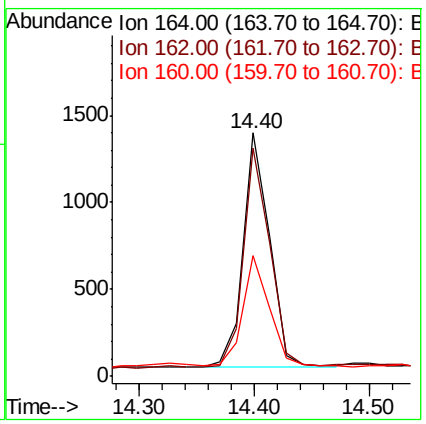


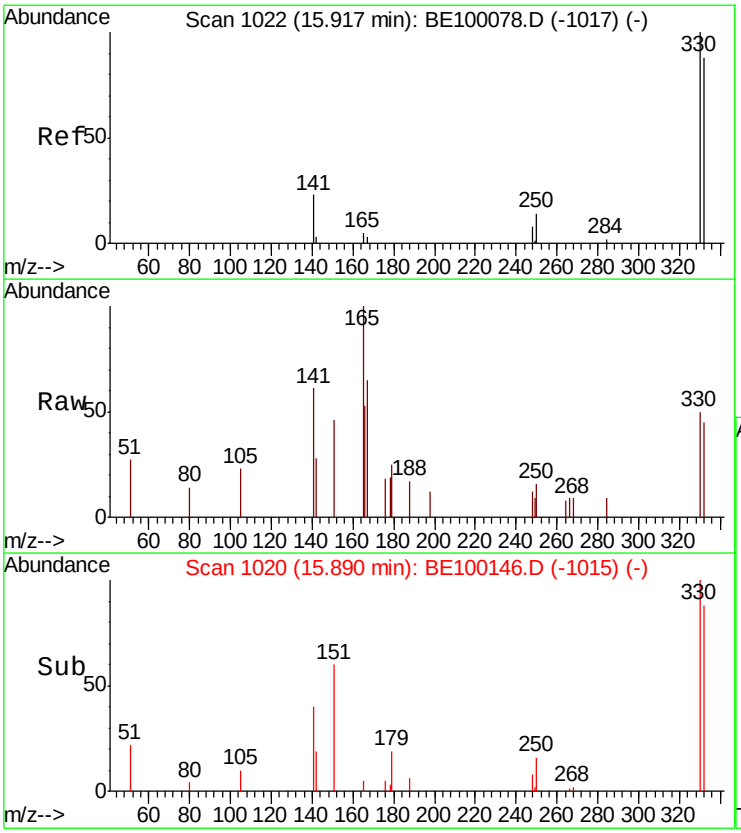
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:164 Resp: 2146

Ion	Ratio	Lower	Upper
164	100		
162	93.6	78.2	117.2
160	49.7	45.6	68.4

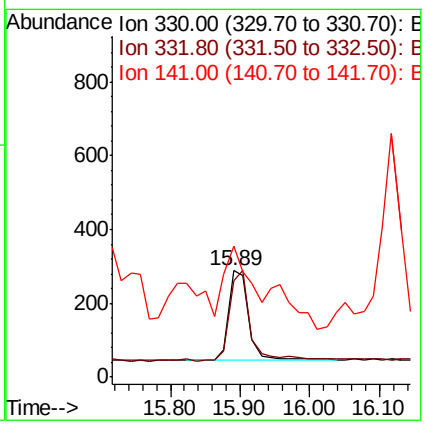


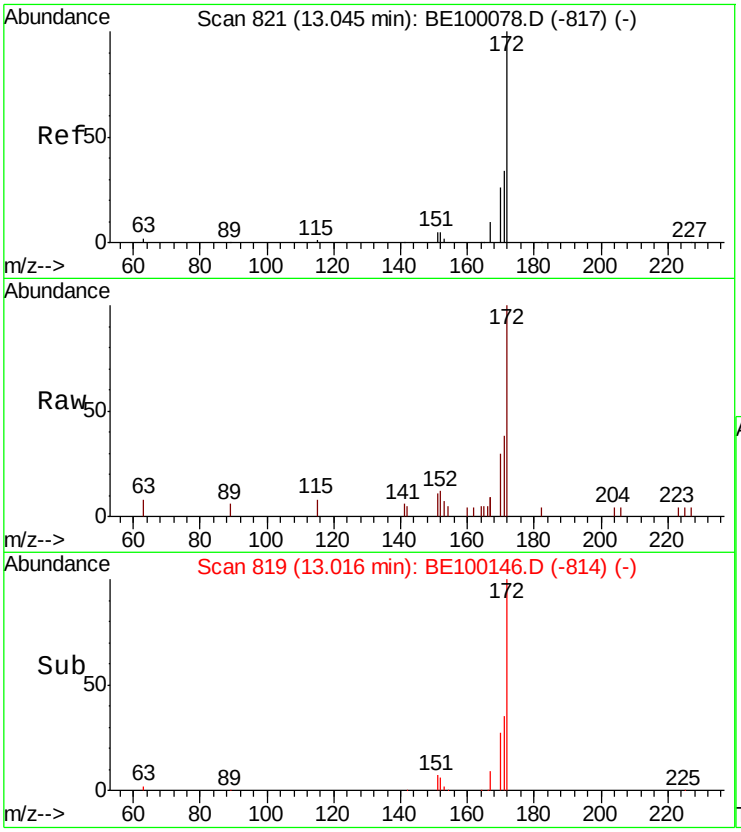


#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.89 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:330 Resp: 488

Ion	Ratio	Lower	Upper
330	100		
332	104.7	73.3	109.9
141	91.4	22.2	33.2#



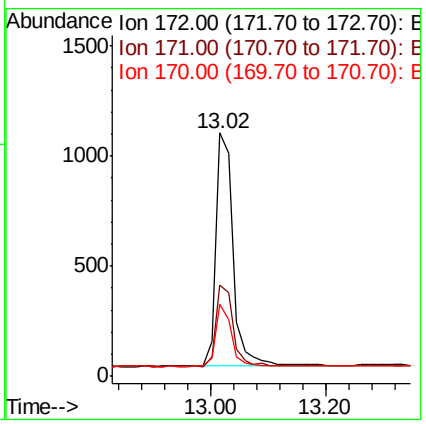


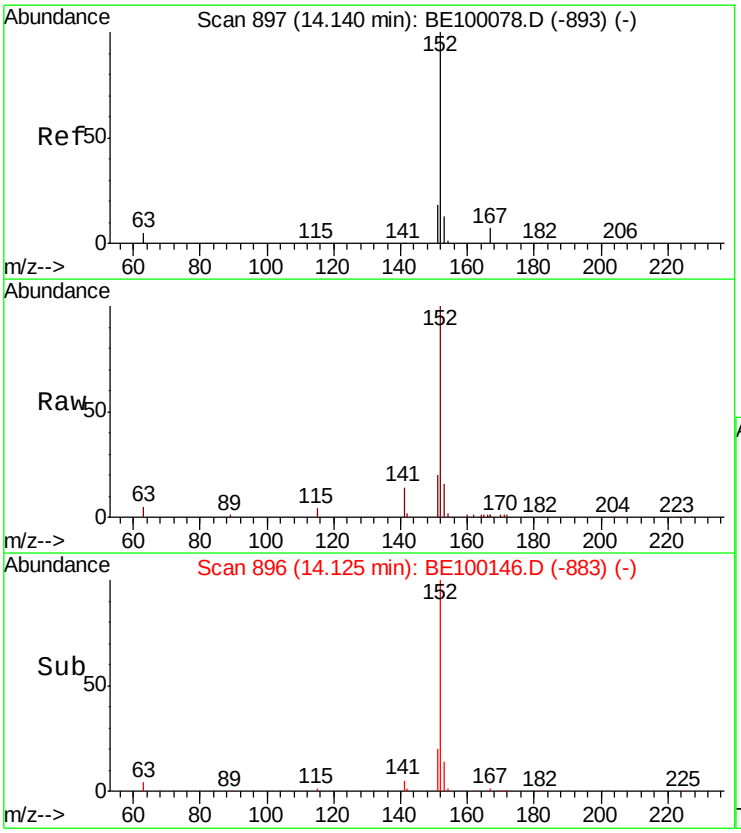
#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.03 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:172 Resp: 2198

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.8
170	29.6	23.2	34.8

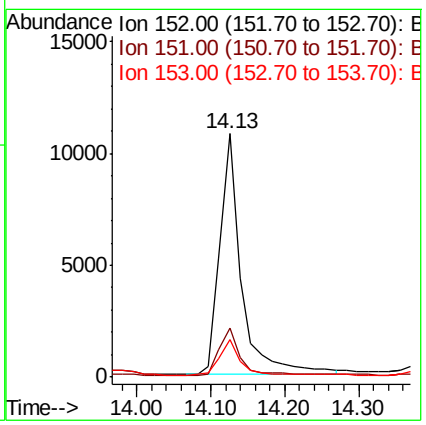


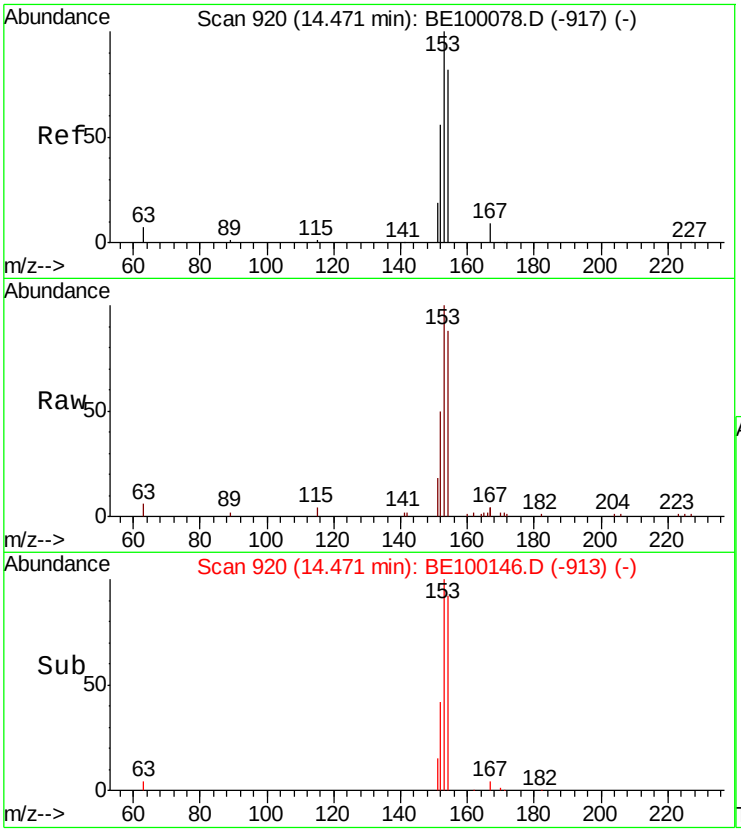


#16
Acenaphthylene
Concen: 2.154 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:152 Resp: 21946

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	14.5	10.1	15.1



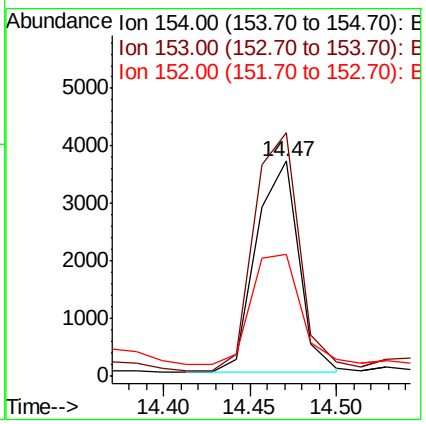


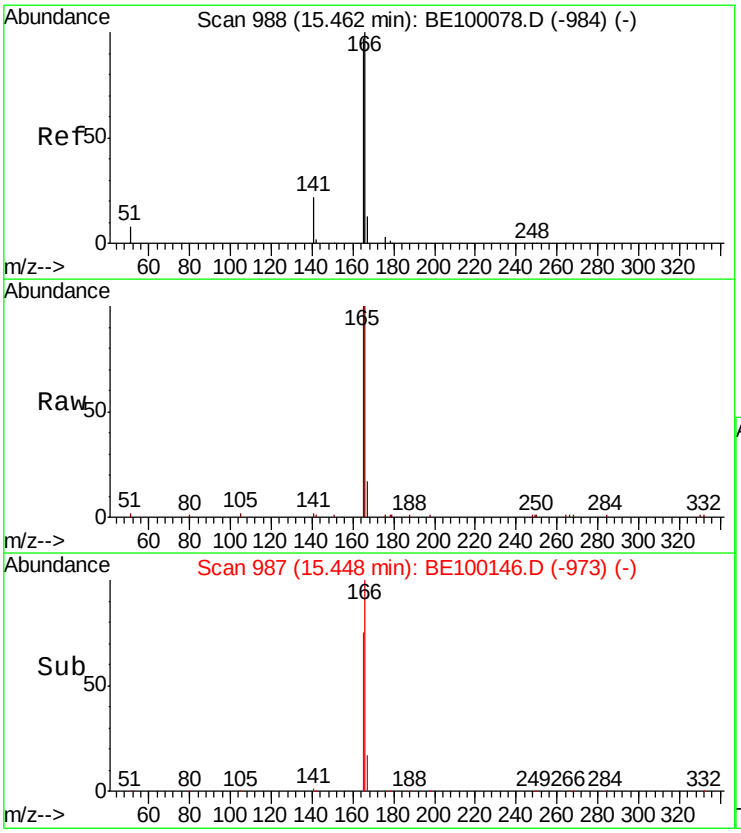
#17
Acenaphthene
Concen: 1.113 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:154 Resp: 6337

Ion	Ratio	Lower	Upper
154	100		
153	120.1	95.5	143.3
152	61.0	54.9	82.3

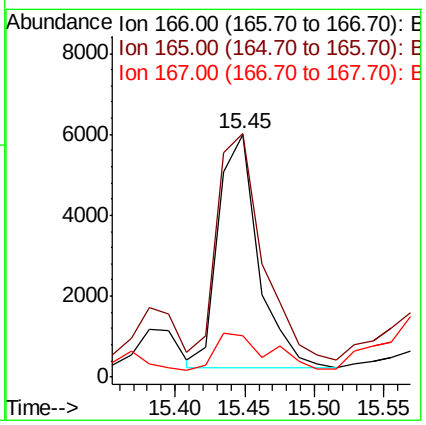


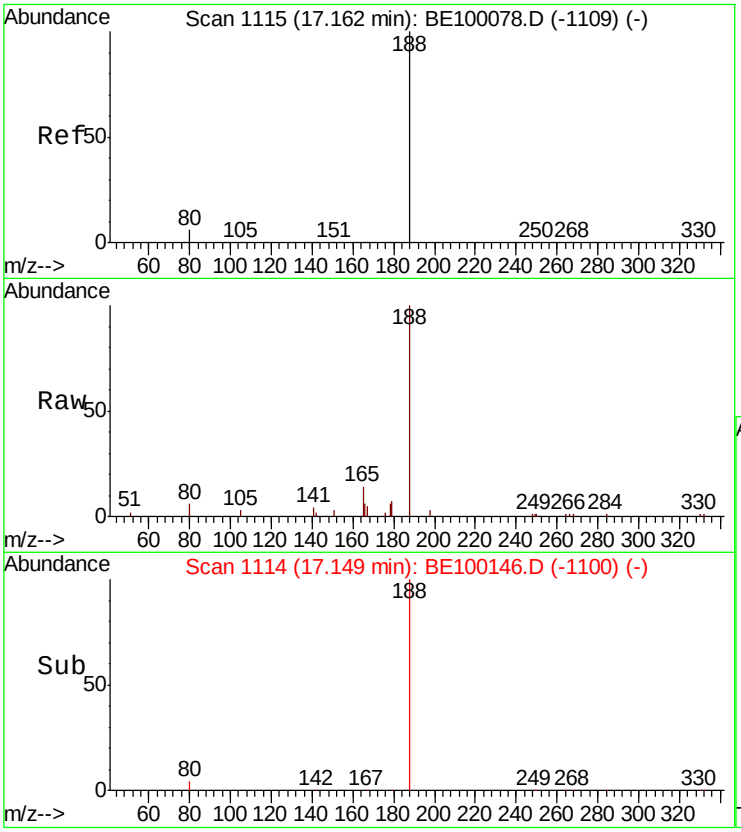


#18
Fluorene
Concen: 1.340 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:166 Resp: 11364

Ion	Ratio	Lower	Upper
166	100		
165	110.3	79.8	119.8
167	22.2	10.2	15.4#



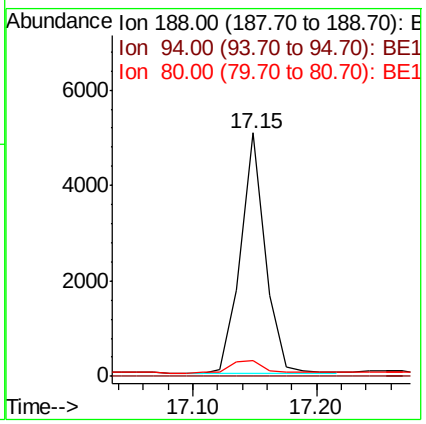


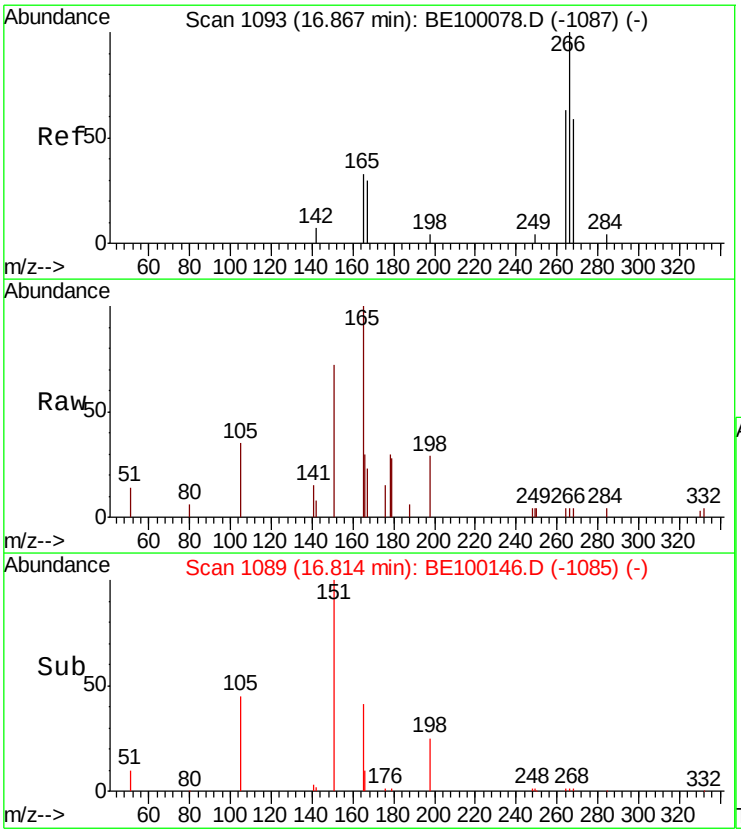
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:188 Resp: 6921

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.3	9.5

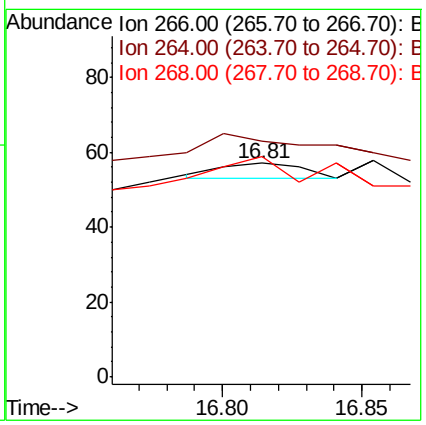


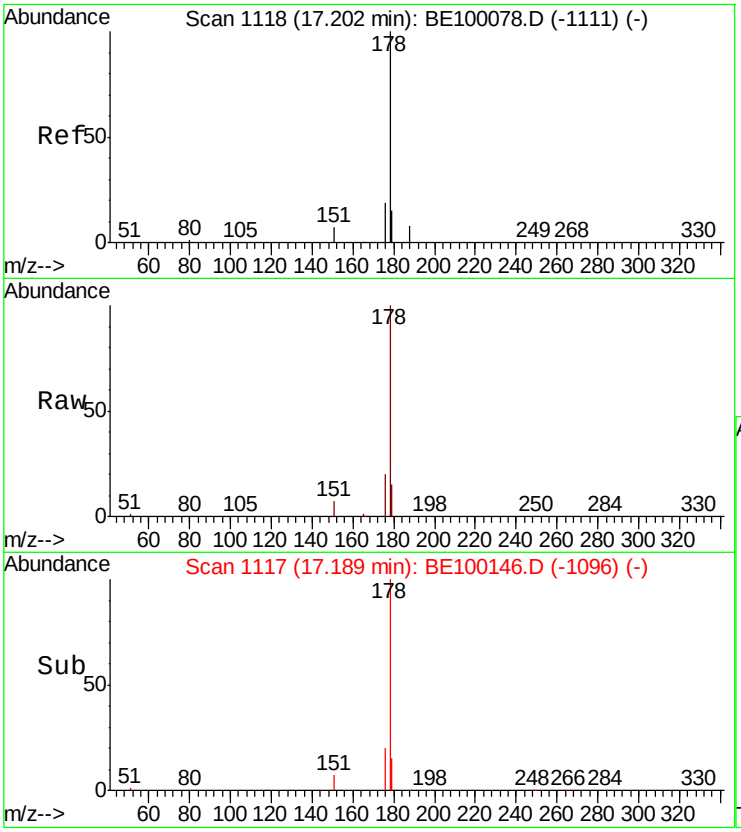


#22
Pentachlorophenol
Concen: 0.248 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
264	110.5	67.8	101.6#
268	103.5	70.0	105.0



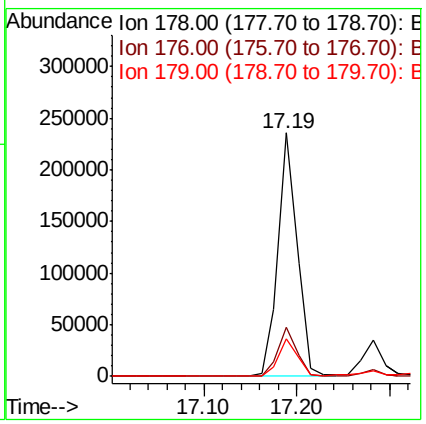


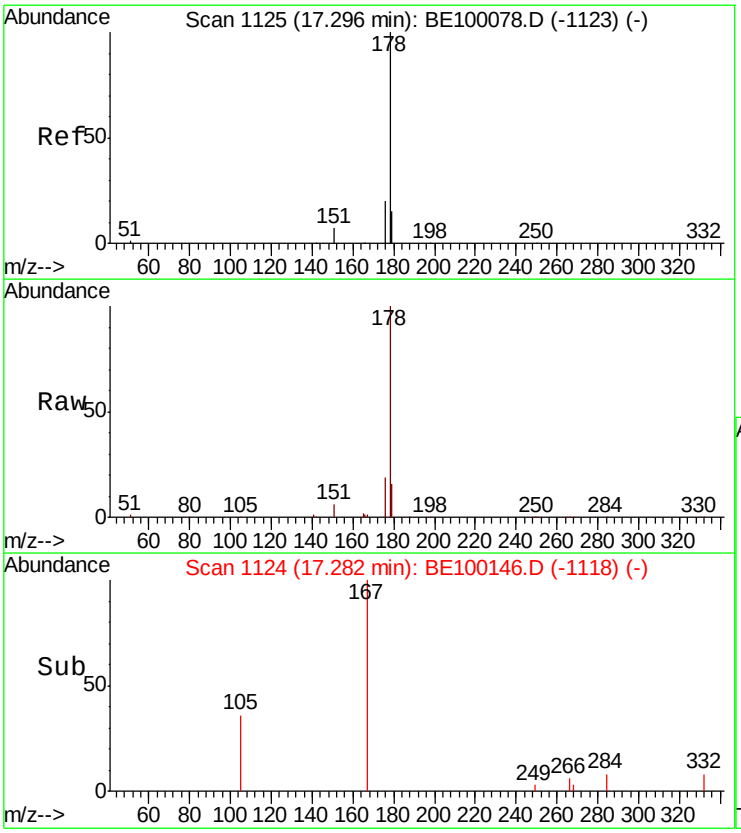
#23
Phenanthrene
Concen: 20.439 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:178 Resp: 338928

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.7	13.1	19.7

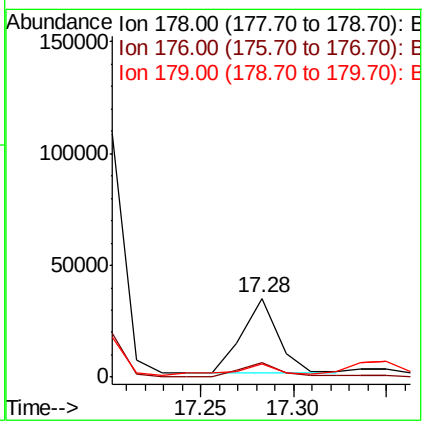


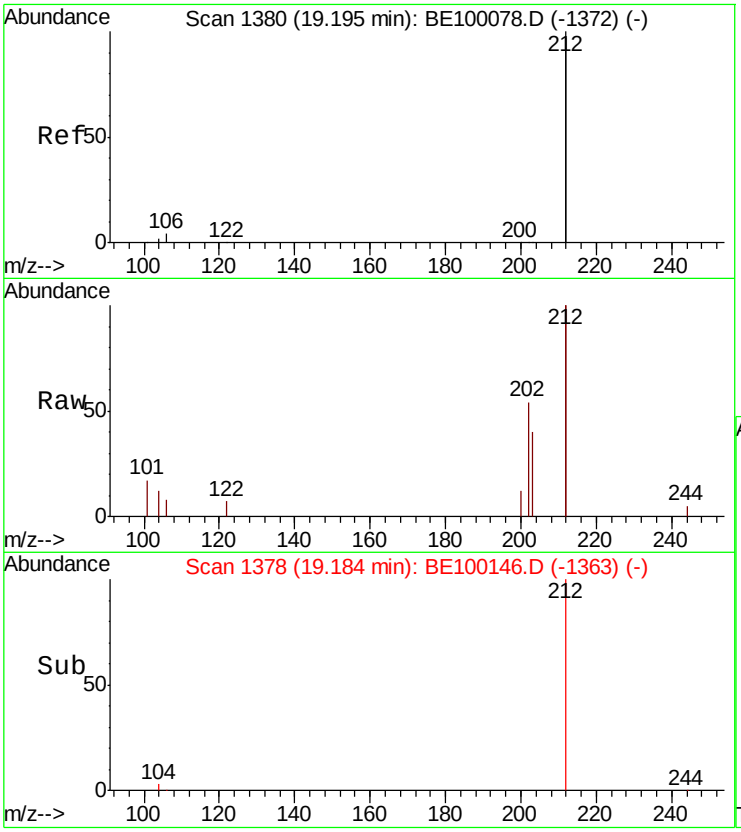


#24
Anthracene
Concen: 3.274 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:178 Resp: 45785

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	16.0	12.0	18.0



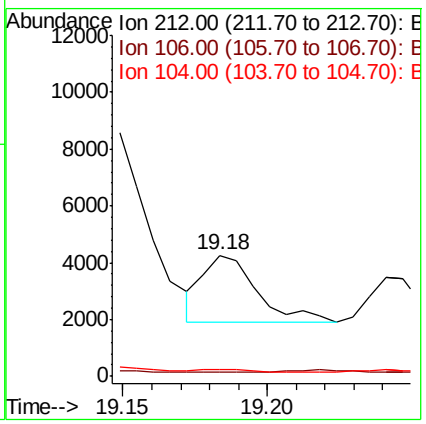


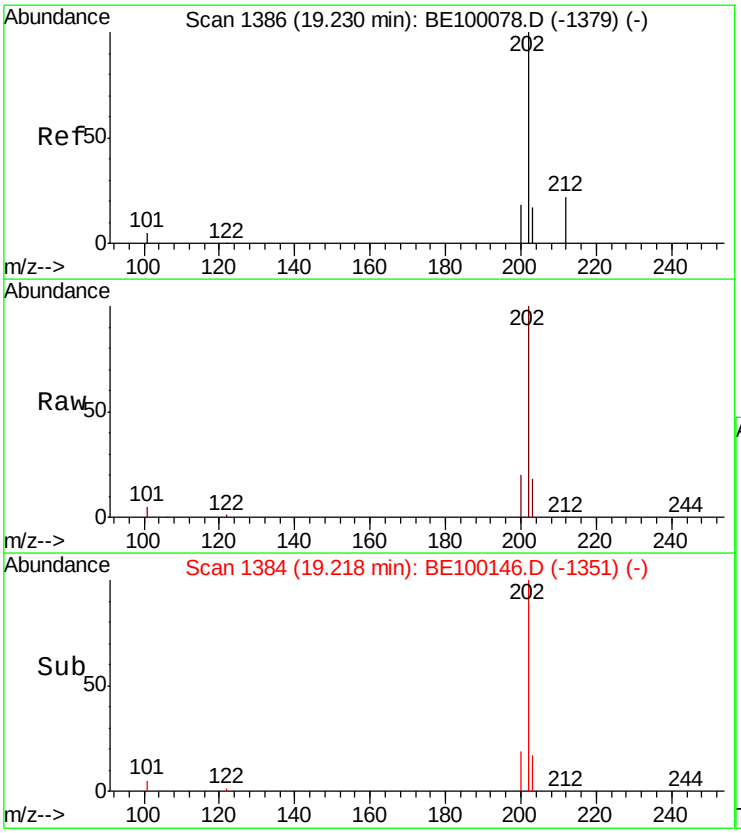
#25
Fluoranthene-d10
Concen: 0.031 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:212 Resp: 3087

Ion	Ratio	Lower	Upper
212	100		
106	1.3	1.4	2.0#
104	3.3	0.8	1.2#

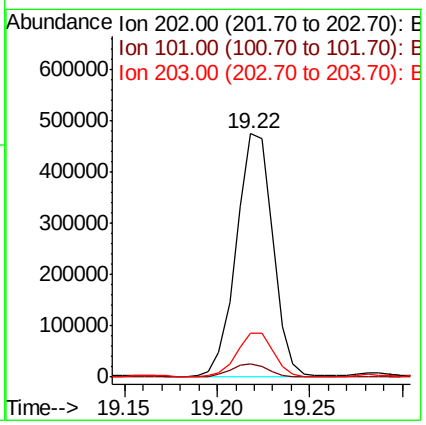


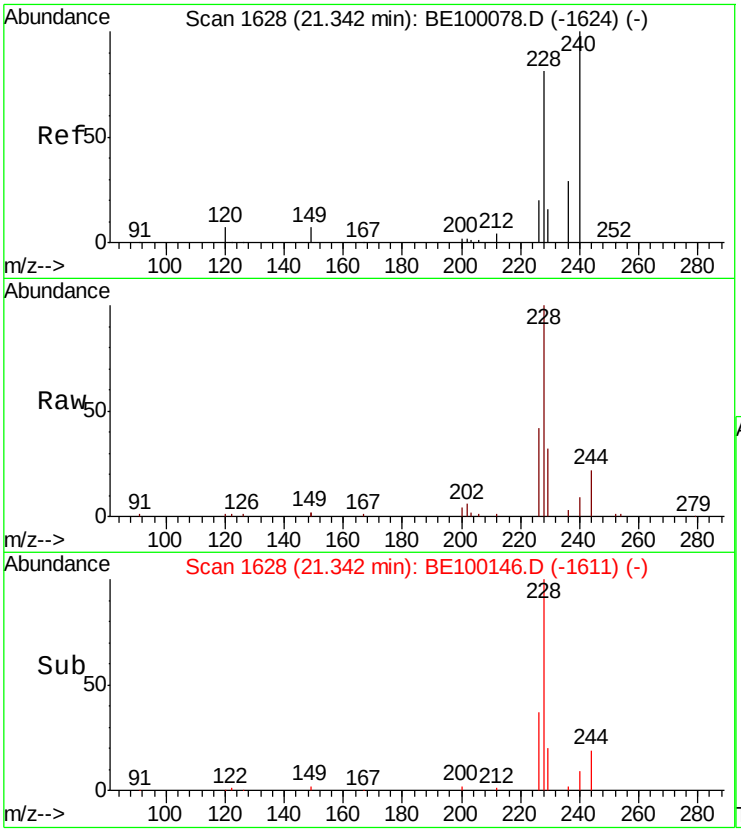


#26
Fluoranthene
Concen: 24.417 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:202 Resp: 649942

Ion	Ratio	Lower	Upper
202	100		
101	5.3	5.0	7.4
203	18.1	13.7	20.5



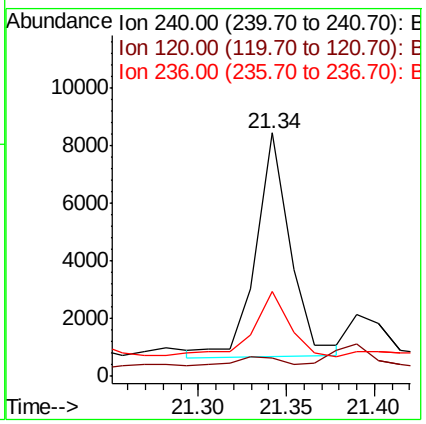


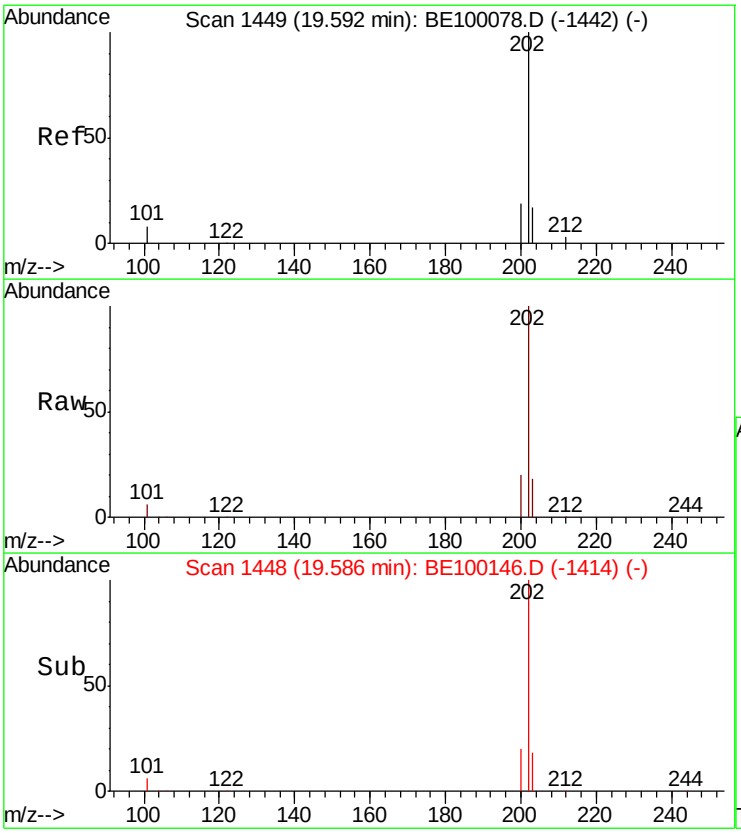
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:240 Resp: 10468

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	34.7	23.8	35.6

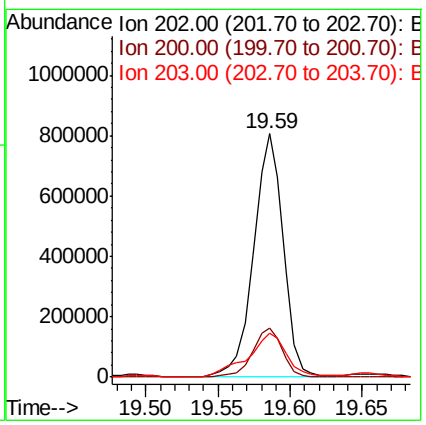


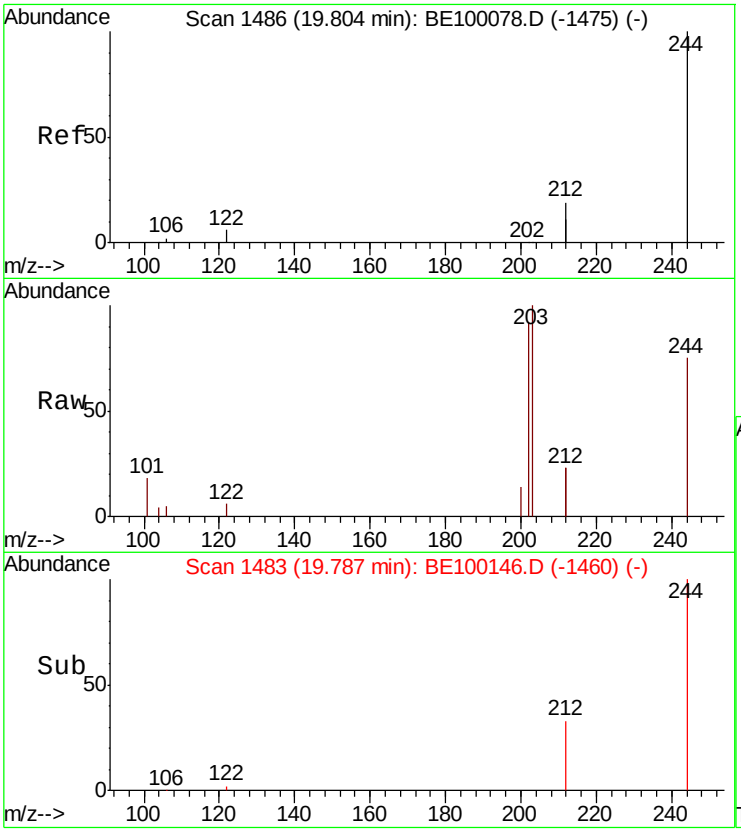


#28
Pyrene
Concen: 42.856 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:202 Resp: 1153085

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.6	23.4
203	23.3	13.9	20.9#



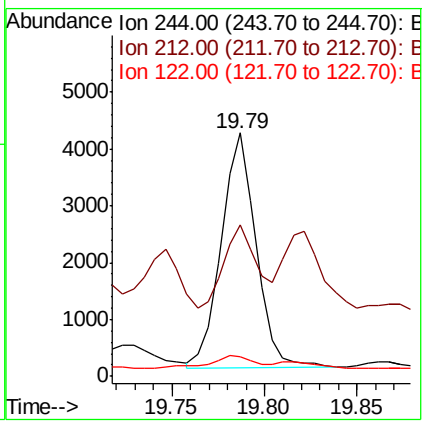


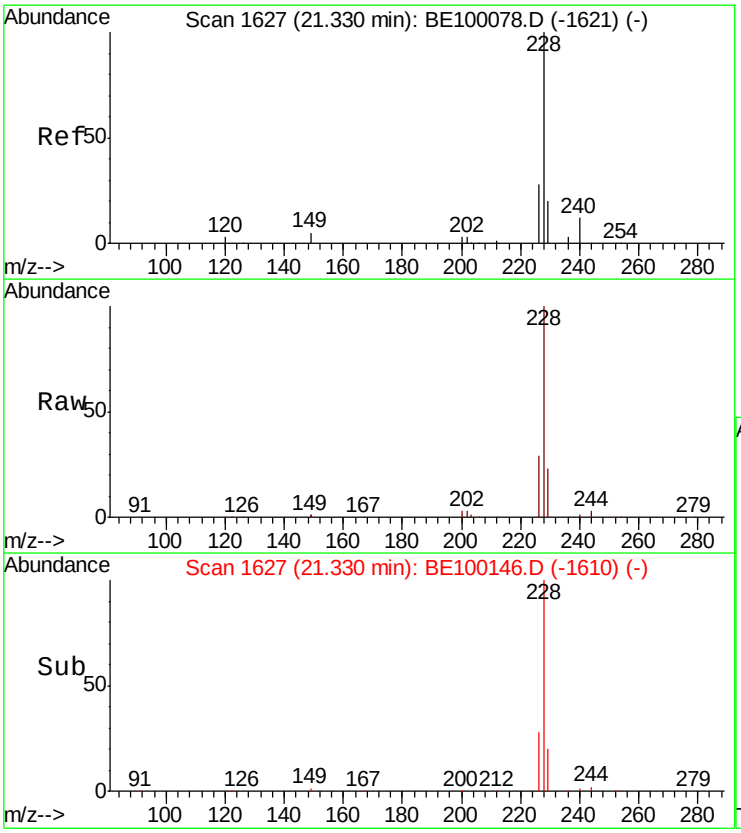
#29
Terphenyl-d14
Concen: 0.257 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:244 Resp: 5383

Ion	Ratio	Lower	Upper
244	100		
212	62.4	29.8	44.8#
122	7.8	6.1	9.1

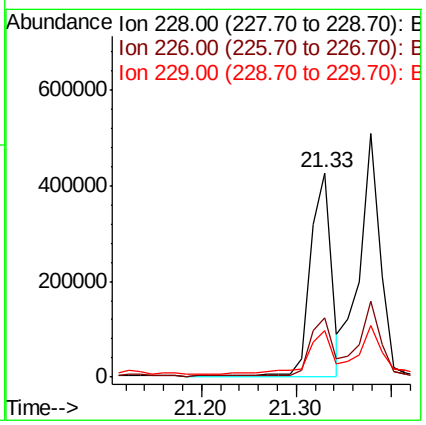


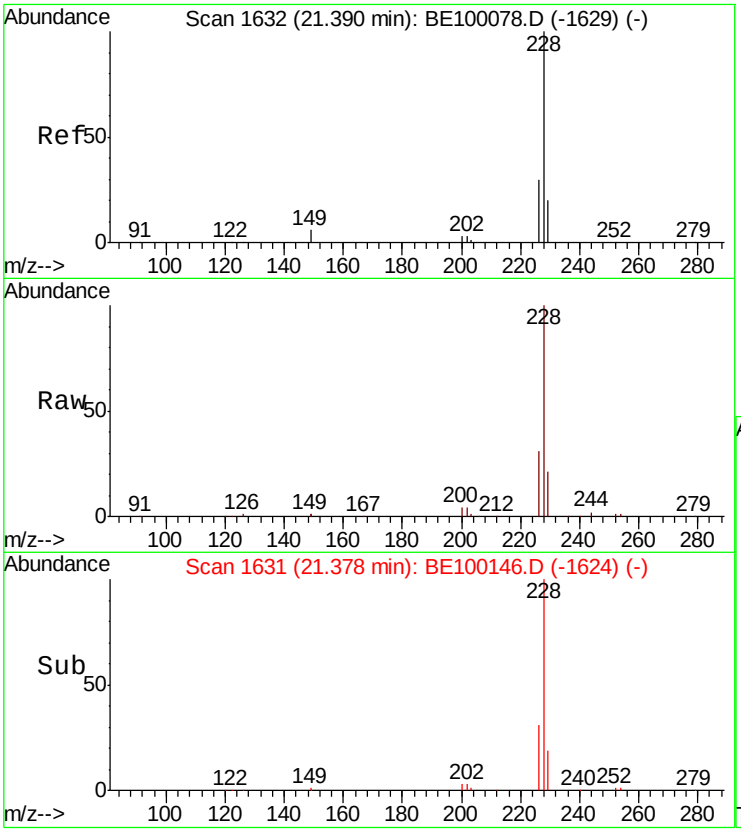


#30
Benzo(a)anthracene
Concen: 20.582 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:228 Resp: 640950

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	23.0	16.4	24.6



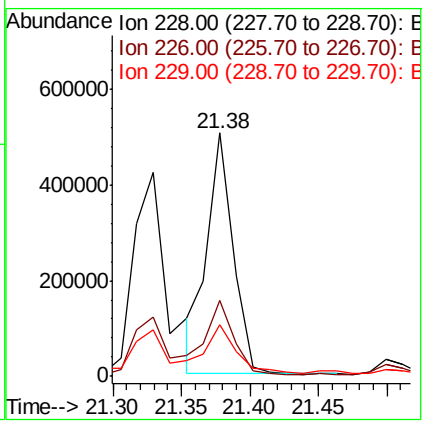


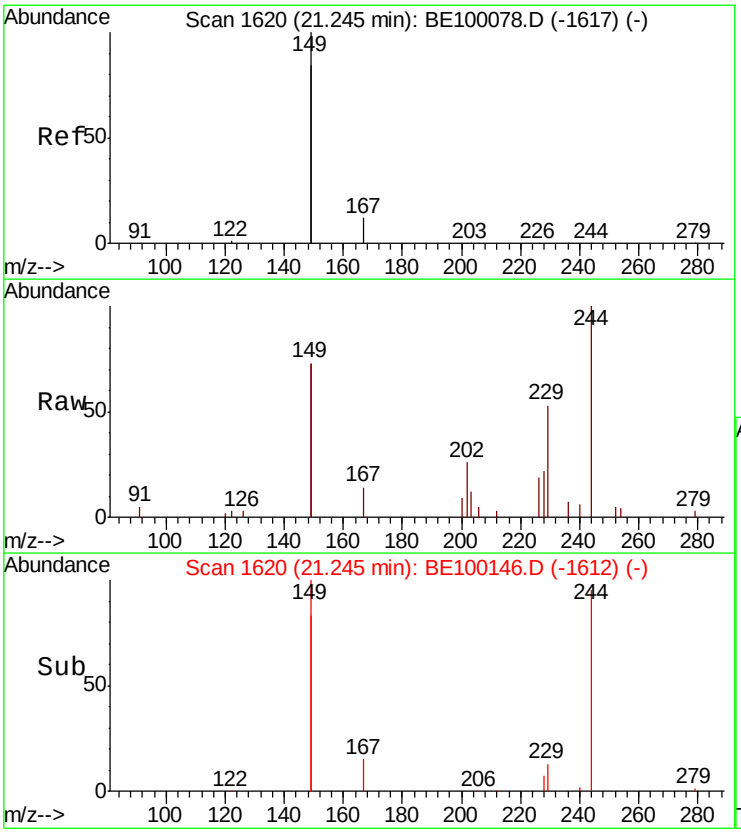
#31
Chrysene
Concen: 18.404 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:228 Resp: 665938

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.8	35.8
229	21.3	16.3	24.5

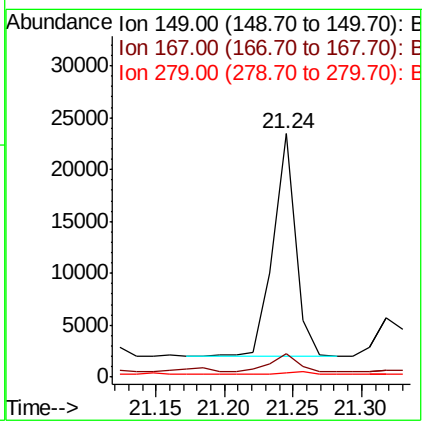


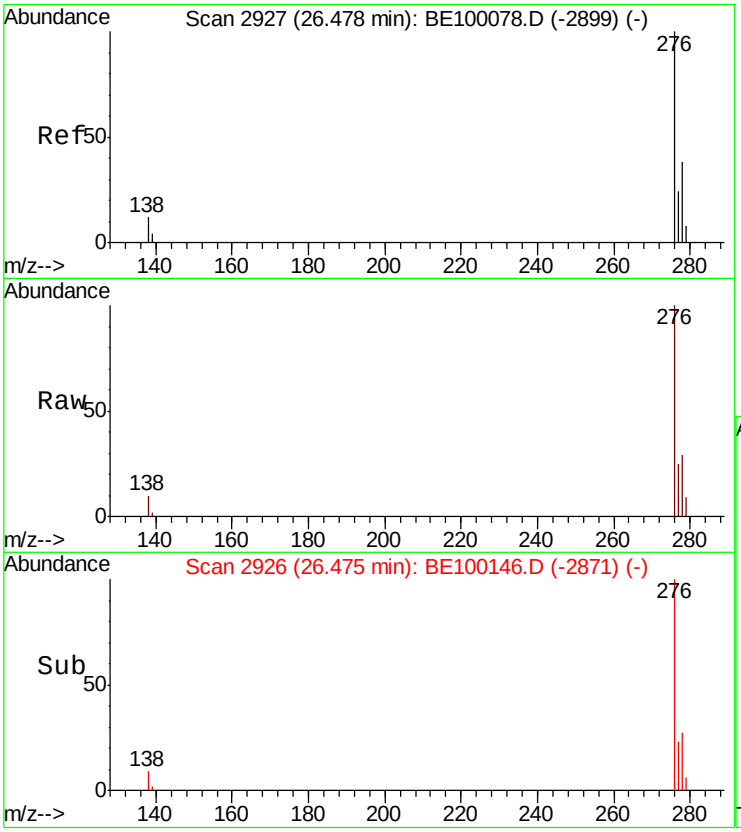


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.843 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:149 Resp: 24758

Ion	Ratio	Lower	Upper
149	100		
167	9.7	5.8	8.6#
279	1.5	1.1	1.7



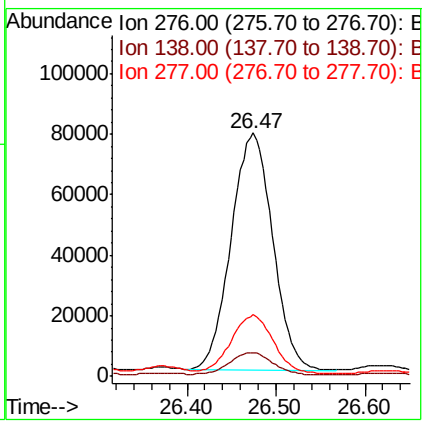


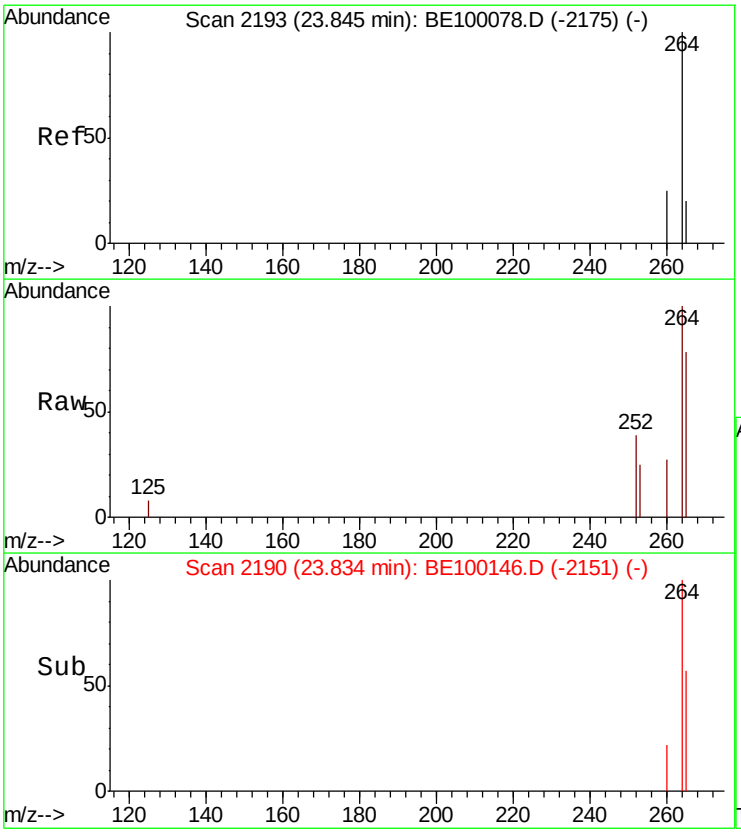
#33
Indeno(1,2,3-cd)pyrene
Concen: 6.257 ng
RT: 26.47 min Scan# 2926
Delta R.T. -0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:276 Resp: 254744

Ion	Ratio	Lower	Upper
276	100		
138	9.6	4.3	6.5#
277	25.1	19.4	29.0

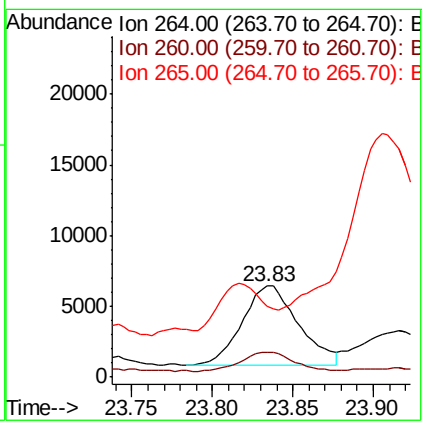


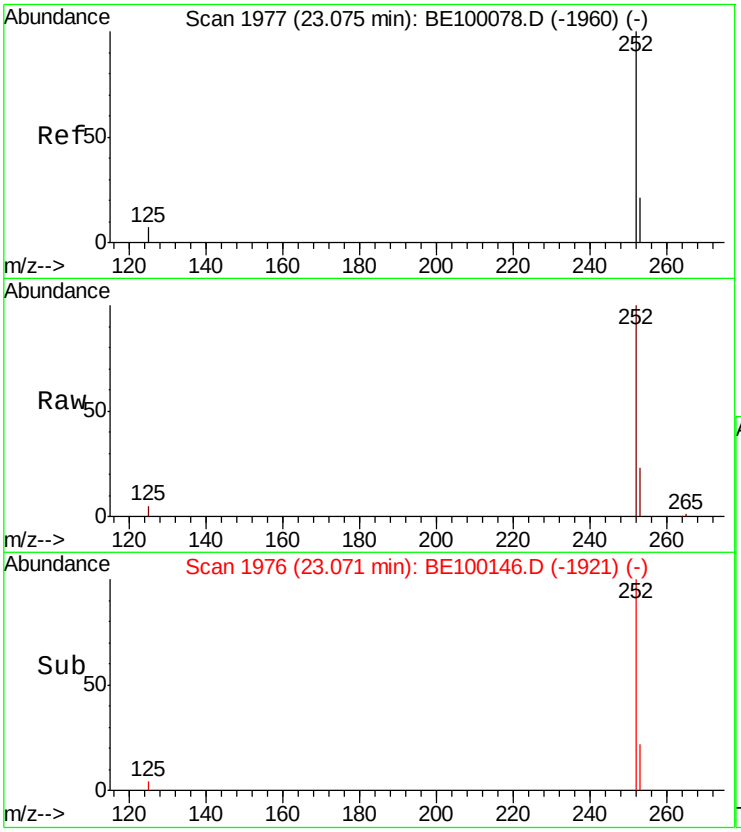


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:264 Resp: 13768

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.8	31.2
265	77.7	23.2	34.8#



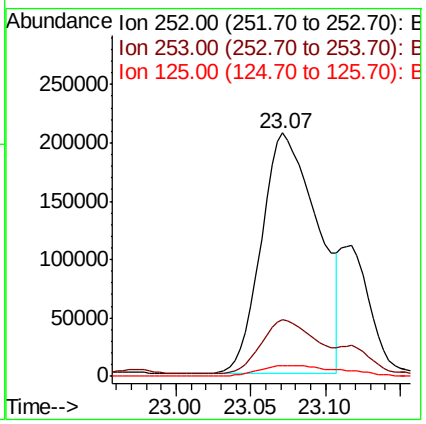


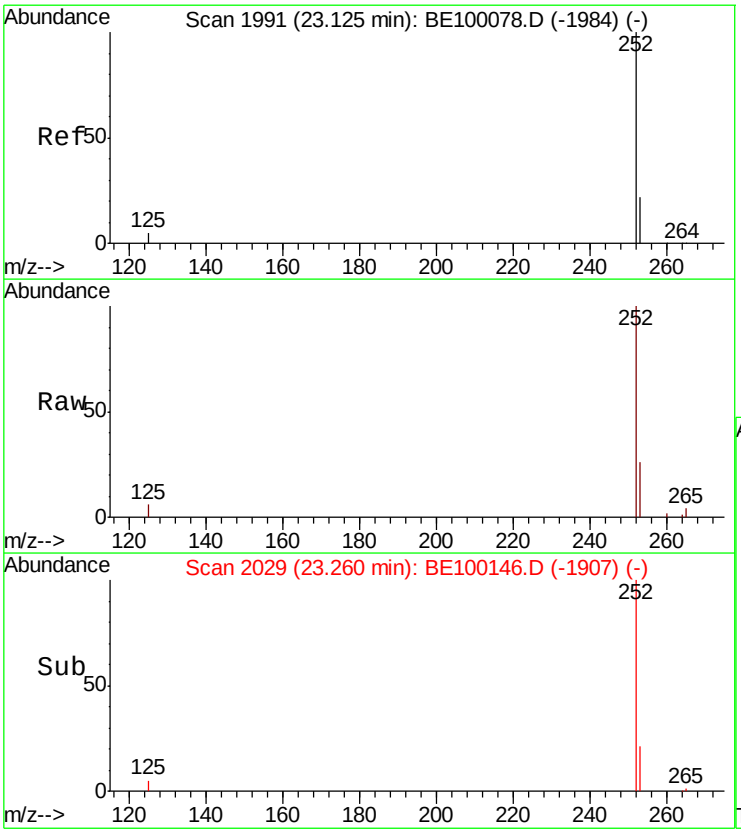
#35
Benzo(b)fluoranthene
Concen: 13.384 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:252 Resp: 540740

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	4.6	6.4	9.6#

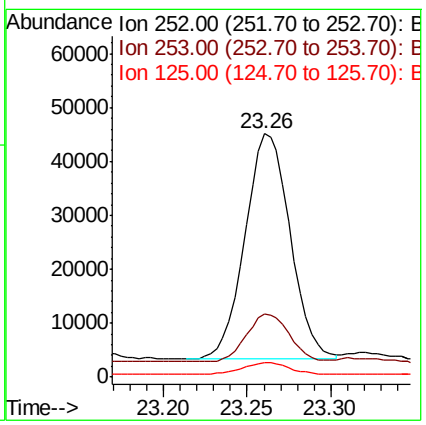


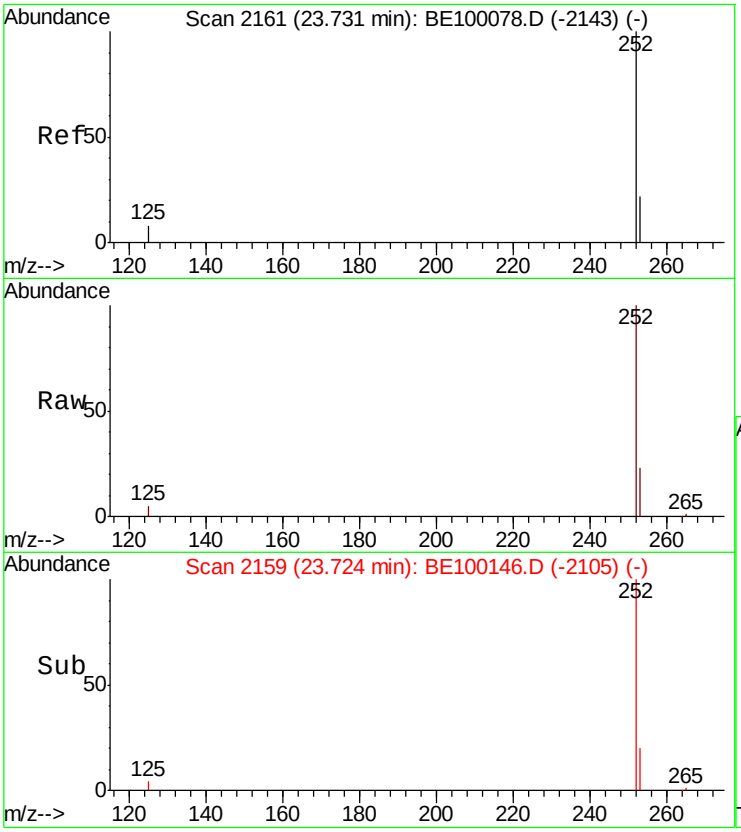


#36
Benzo(k)fluoranthene
Concen: 1.702 ng
RT: 23.26 min Scan# 2029
Delta R.T. 0.14 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:252 Resp: 78234

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.9	28.3
125	6.0	5.3	7.9



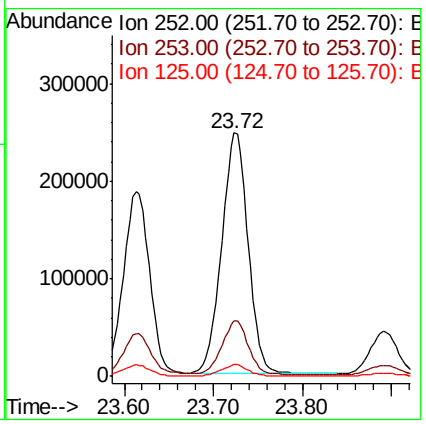


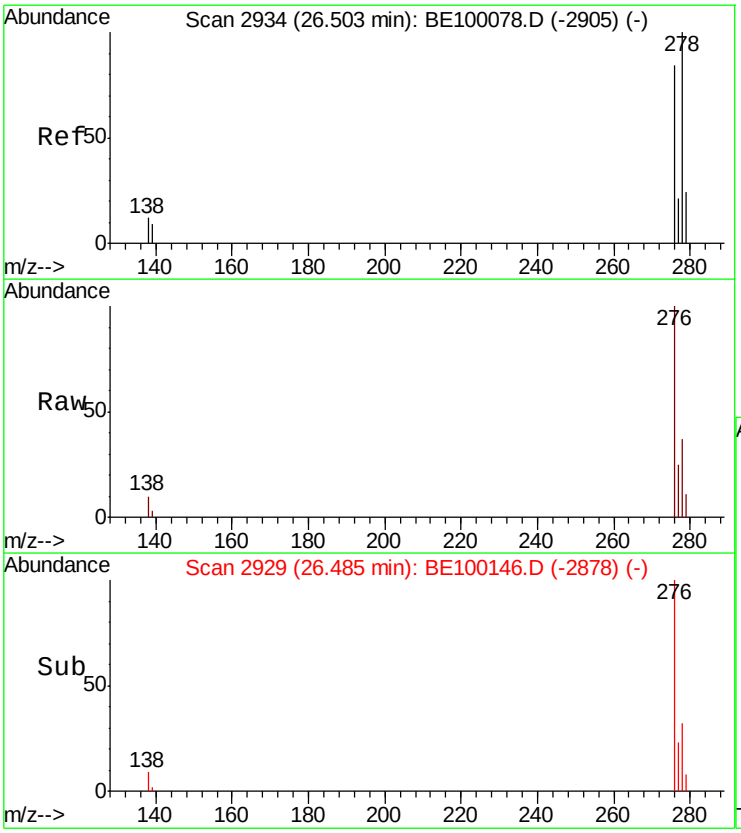
#37
Benzo(a)pyrene
Concen: 13.238 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:252 Resp: 516258

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.2
125	4.7	8.0	12.0#

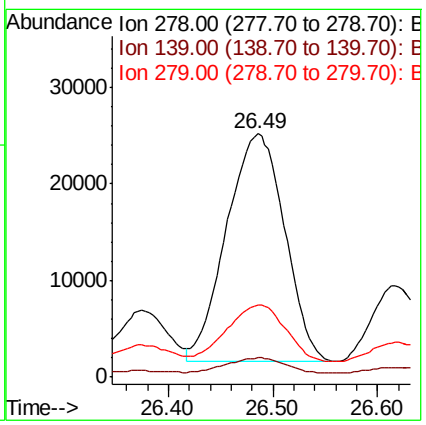


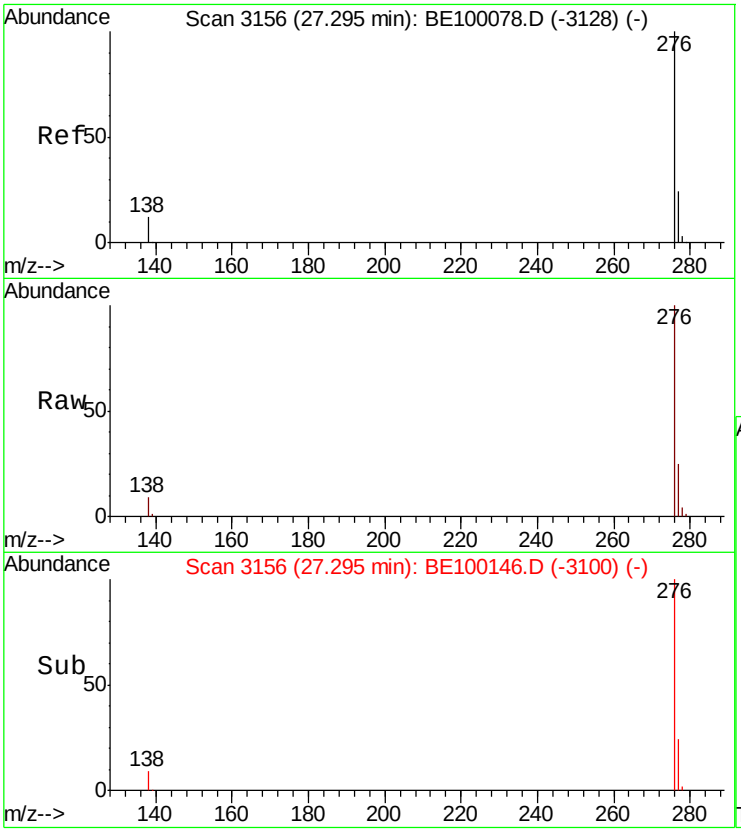


#38
Dibenzo(a,h)anthracene
Concen: 2.280 ng
RT: 26.49 min Scan# 2929
Delta R.T. -0.02 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:278 Resp: 91154

Ion	Ratio	Lower	Upper
278	100		
139	8.0	9.0	13.6#
279	29.5	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 7.558 ng
RT: 27.29 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:276 Resp: 313953

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.3	30.5
138	9.5	11.3	16.9#