Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041919\
Data File : BE099348.D
Acq On : 19 Apr 2019 14:33
Operator : JU/SJ
Sample : PB119051BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119051BSD

Quant Time: Apr 19 22:57:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4735	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15897	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	9348	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	23572	0.40	ng	0.00
27) Chrysene-d12	21.37	240	28960	0.40	ng	0.00
34) Perylene-d12	23.86	264	33782	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2887	0.25	ng	0.01
5) Phenol-d6	6.98	99	3680	0.22	ng	0.00
8) Nitrobenzene-d5	8.98	82	3057	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	8955	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	675	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	9327	0.25	ng	0.00
25) Fluoranthene-d10	19.22	212	64778	0.23	ng	0.00
29) Terphenyl-d14	19.82	244	11505	0.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	1337	0.202	ng	# 78
3) n-Nitrosodimethylamine	3.66	42	697	0.195	ng	# 81
6) bis(2-Chloroethyl)ether	7.24	93	3511	0.228	ng	89
9) Naphthalene	10.65	128	44052	0.254	ng	100
10) Hexachlorobutadiene	10.94	225	2769	0.251	ng	100
12) 2-Methylnaphthalene	12.27	142	7225	0.245	ng	100
16) Acenaphthylene	14.18	152	9946	0.235	ng	99
17) Acenaphthene	14.52	154	6456	0.248	ng	98
18) Fluorene	15.49	166	9029	0.241	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	3460	0.265	ng	96
21) Hexachlorobenzene	16.49	284	3431	0.273	ng	98
22) Pentachlorophenol	16.84	266	1978	0.610	ng	95
23) Phenanthrene	17.23	178	16549	0.265	ng	99
24) Anthracene	17.32	178	14558	0.262	ng	100
26) Fluoranthene	19.25	202	21926	0.262	ng	99
28) Pyrene	19.61	202	22770	0.267	ng	99
30) Benzo(a)anthracene	21.34	228	26961	0.317	ng	99
31) Chrysene	21.40	228	29227	0.323	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	22080	0.285	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	33337	0.373	ng	100
35) Benzo(b)fluoranthene	23.08	252	28921	0.280	ng	97
36) Benzo(k)fluoranthene	23.14	252	30022	0.291	ng	100
37) Benzo(a)pyrene	23.74	252	27172	0.293	ng	98
38) Dibenzo(a,h)anthracene	26.52	278	27950	0.295	ng	99
39) Benzo(g,h,i)perylene	27.31	276	28520	0.297	ng	98

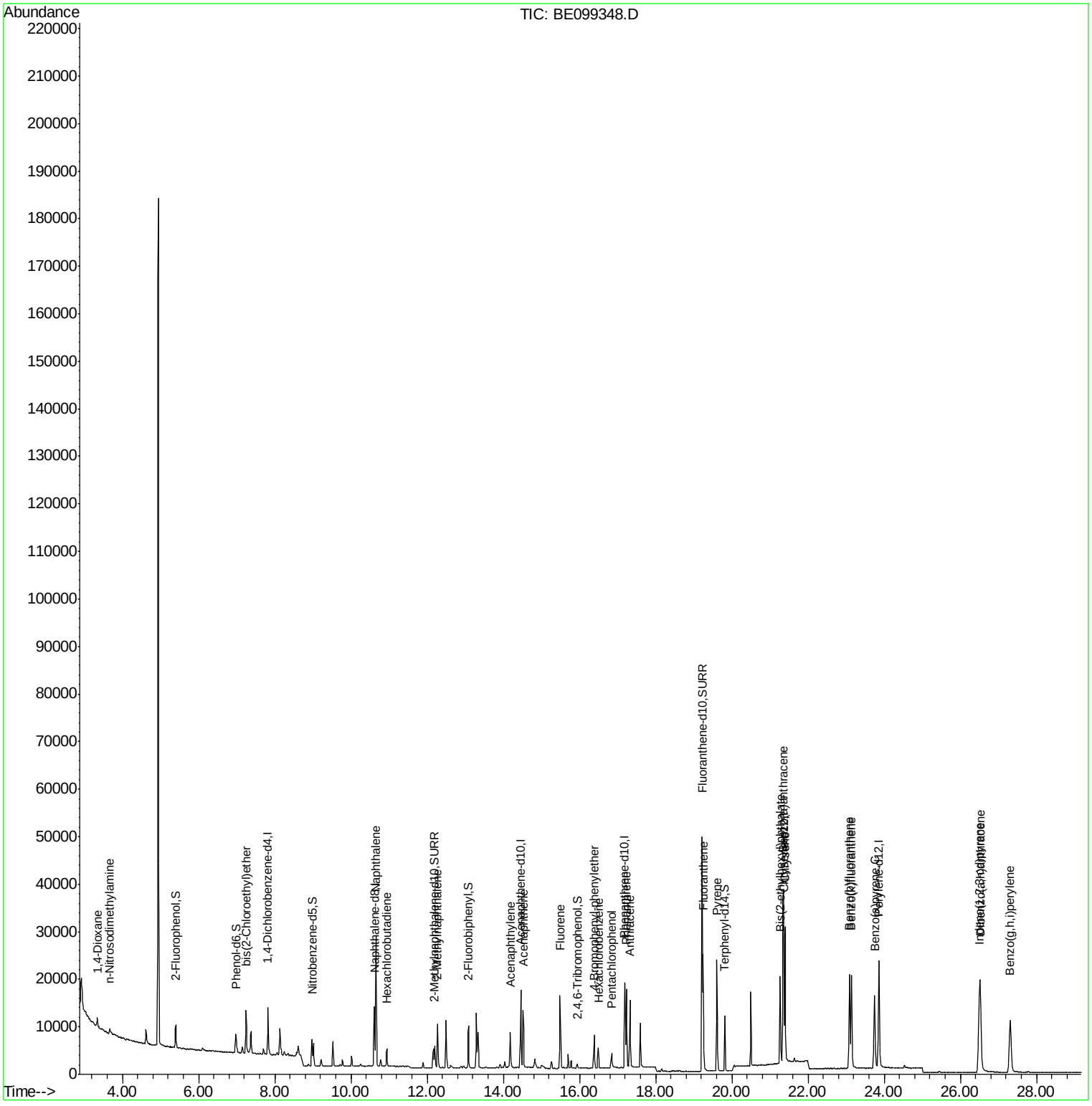
(#) = qualifier out of range (m) = manual integration (+) = signals summed

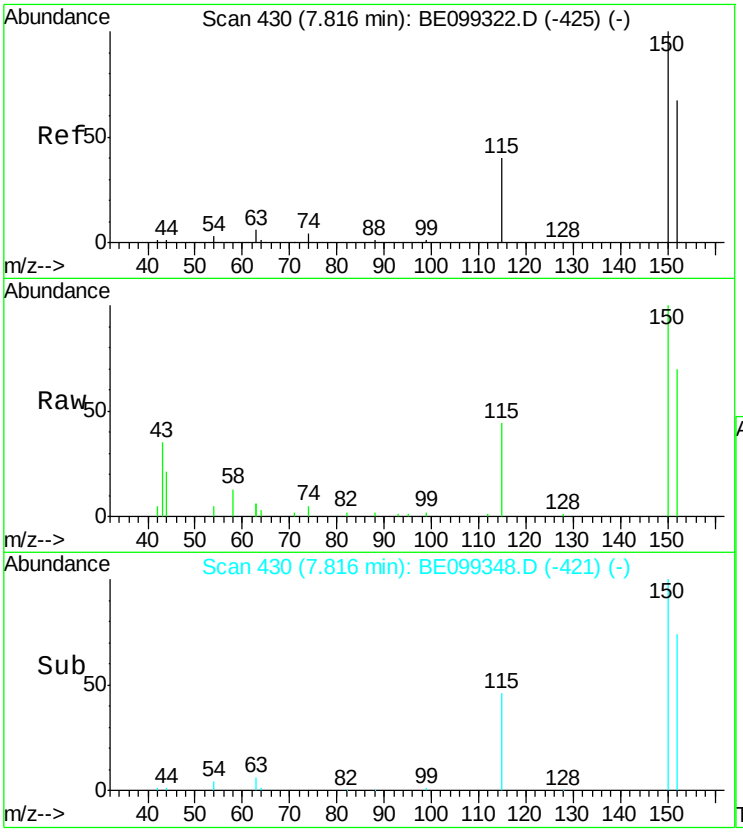
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041919\
Data File : BE099348.D
Acq On : 19 Apr 2019 14:33
Operator : JU/SJ
Sample : PB119051BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Quant Time: Apr 19 22:57:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



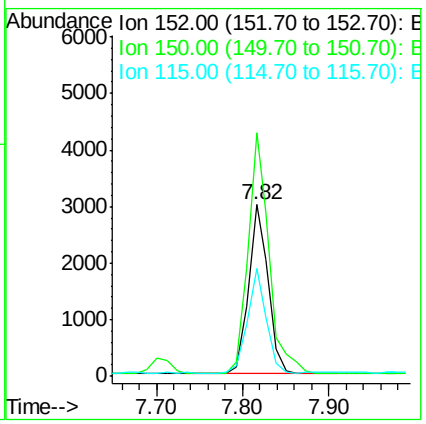


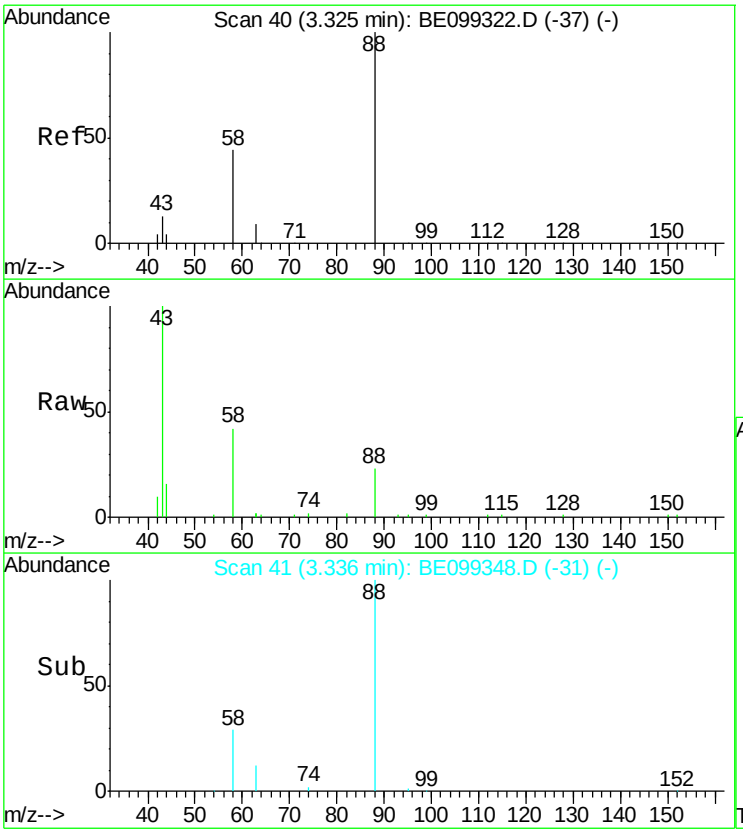
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:152 Resp: 4735

Ion	Ratio	Lower	Upper
152	100		
150	142.1	119.5	179.3
115	63.2	47.5	71.3

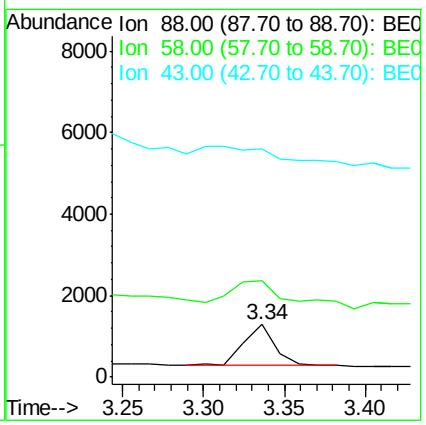


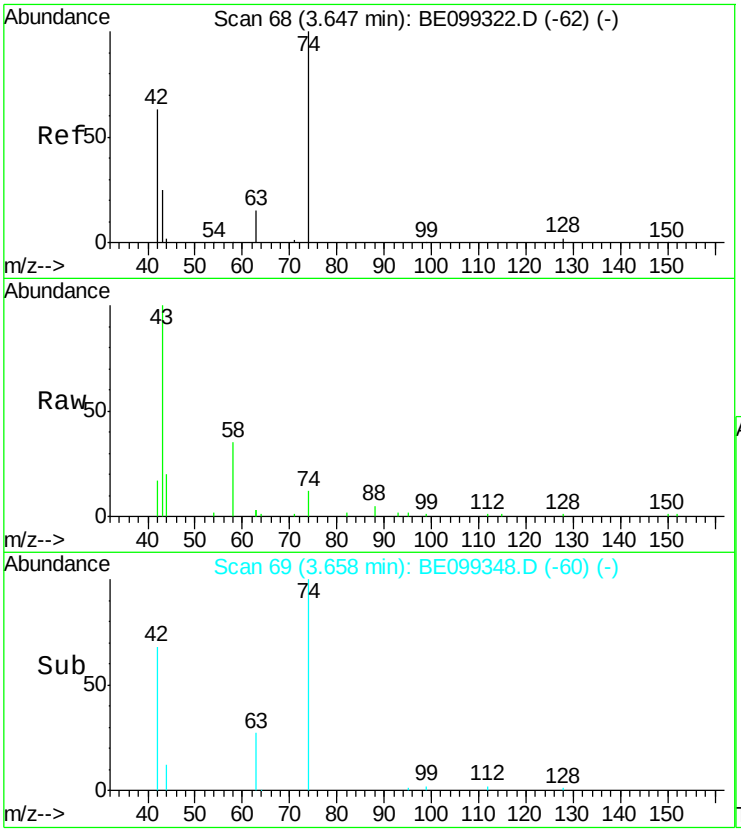


#2
1,4-Dioxane
Concen: 0.202 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.01 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion: 88 Resp: 1337

Ion	Ratio	Lower	Upper
88	100		
58	71.1	49.1	73.7
43	0.0	17.9	26.9#



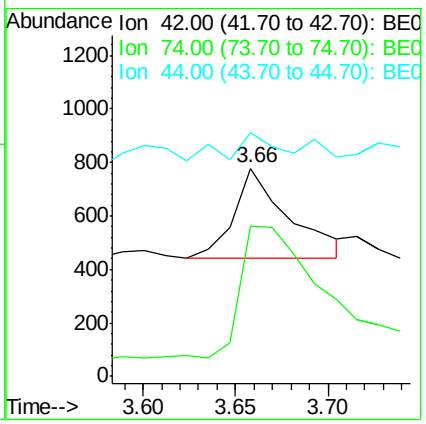


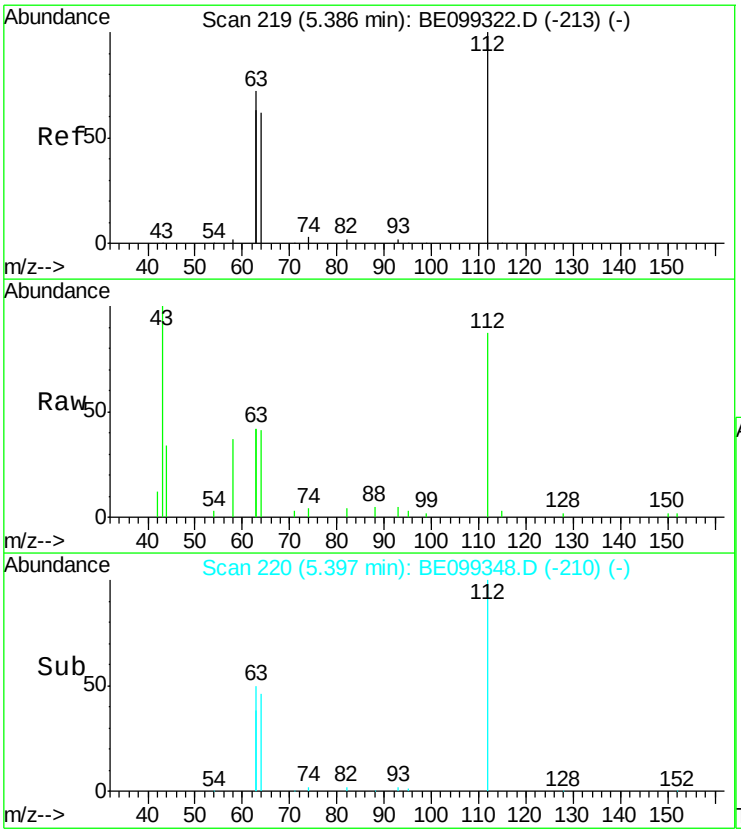
#3
n-Nitrosodimethylamine
Concen: 0.195 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion: 42 Resp: 697

Ion	Ratio	Lower	Upper
42	100		
74	208.3	145.8	218.8
44	25.8	9.0	13.4#

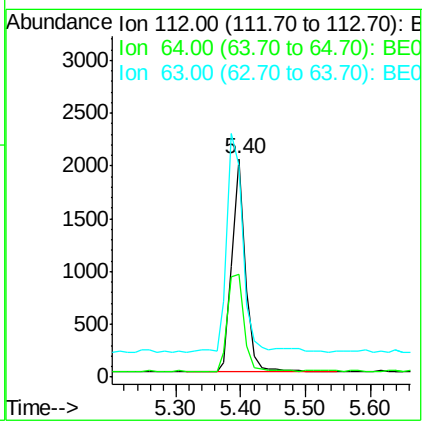


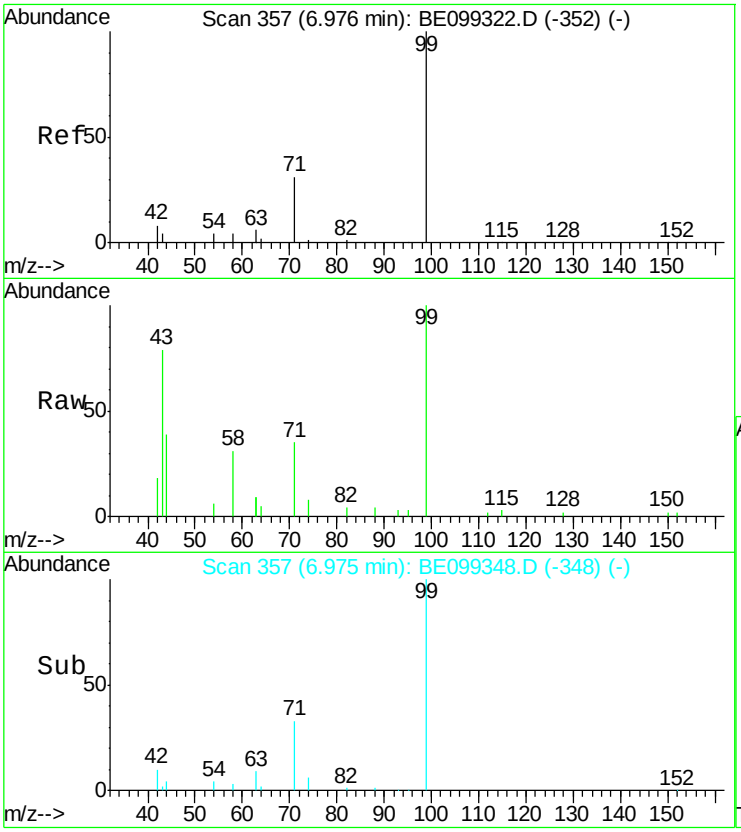


#4
2-Fluorophenol
Concen: 0.250 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:112 Resp: 2887

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	124.7	97.4	146.0



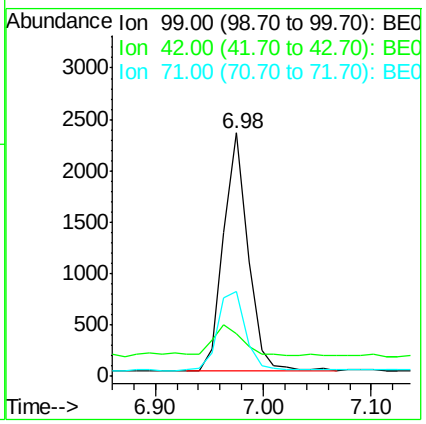


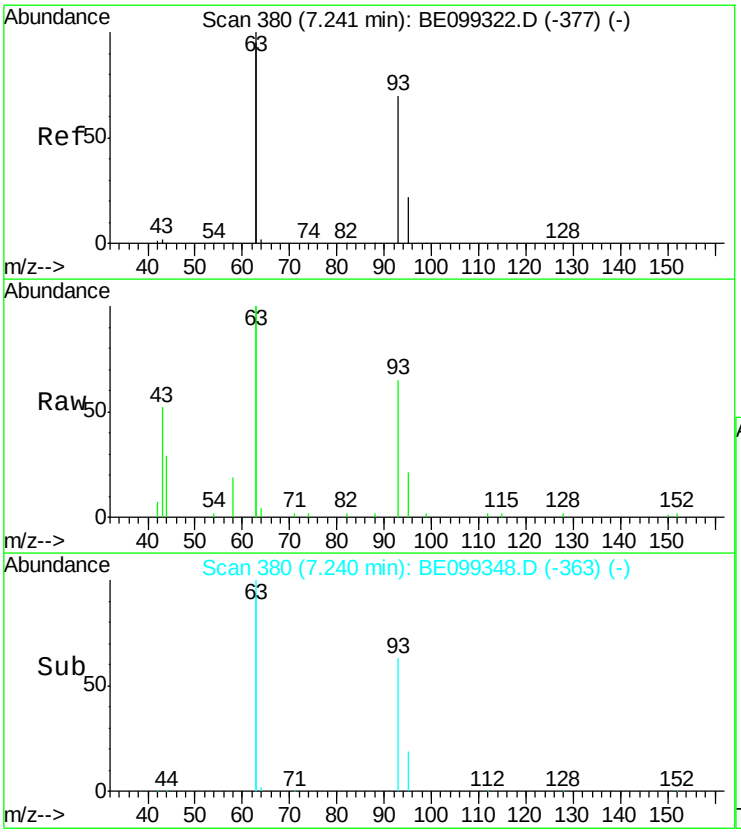
#5
Phenol-d6
Concen: 0.223 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion: 99 Resp: 3680

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.7	17.5
71	38.0	29.6	44.4

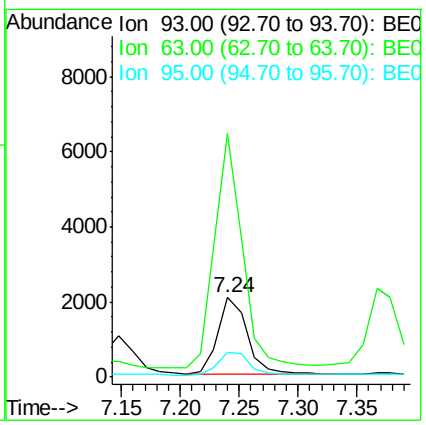


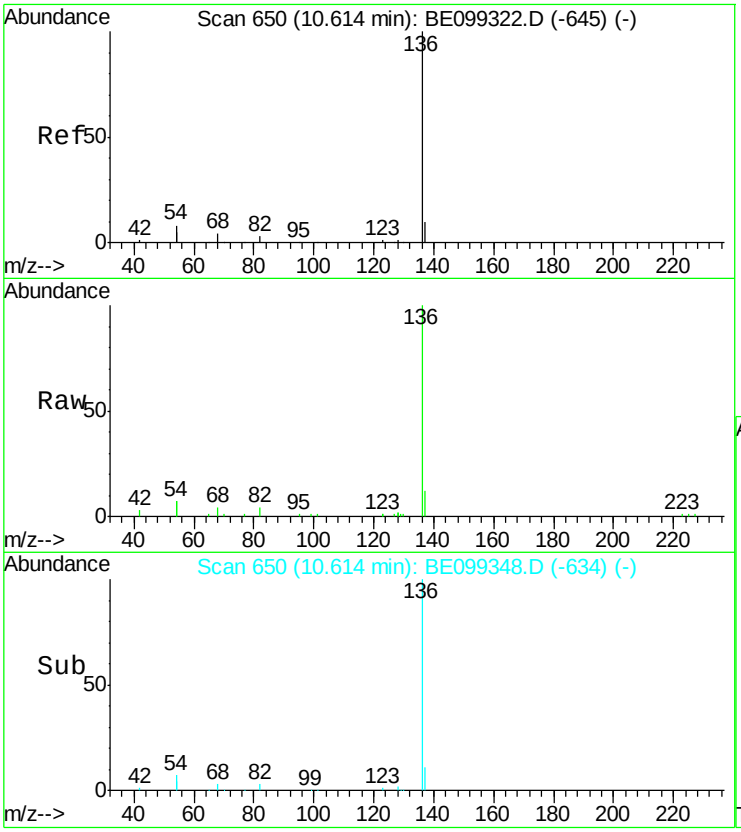


#6
bis(2-Chloroethyl)ether
Concen: 0.228 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion: 93 Resp: 3511

Ion	Ratio	Lower	Upper
93	100		
63	292.0	216.6	324.8
95	36.1	25.8	38.6



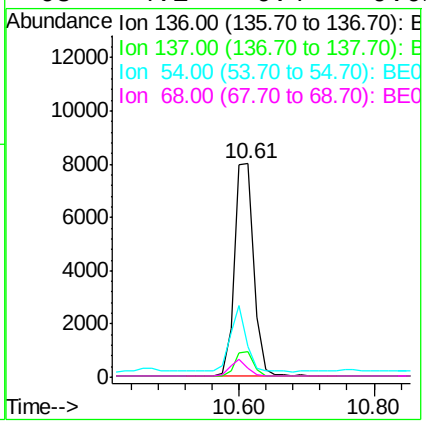


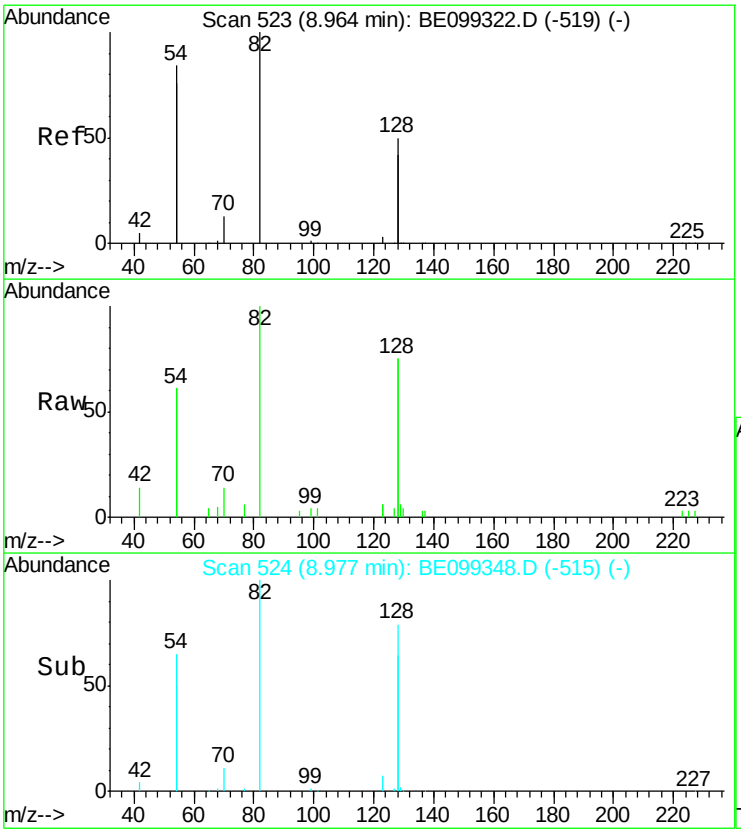
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:136 Resp: 15897

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	14.5	23.8	35.8#
68	4.1	6.4	9.6#

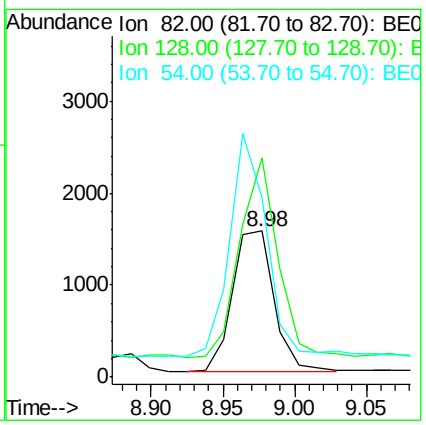


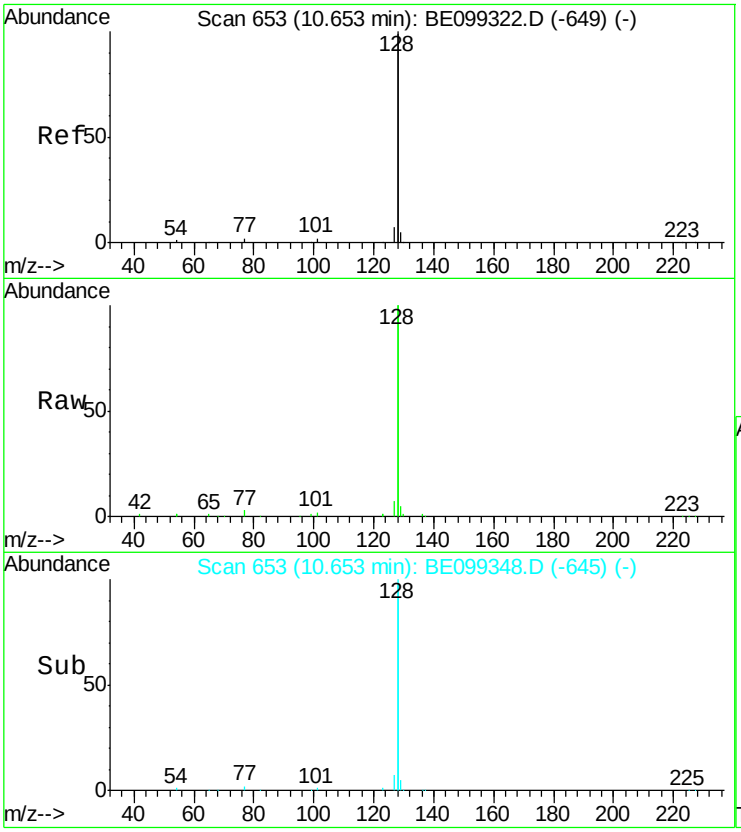


#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion: 82 Resp: 3057

Ion	Ratio	Lower	Upper
82	100		
128	150.1	91.7	137.5#
54	122.9	122.8	184.2



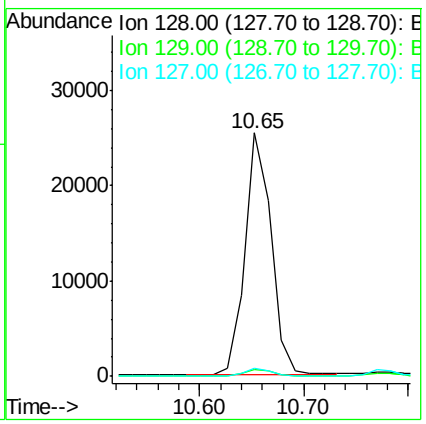


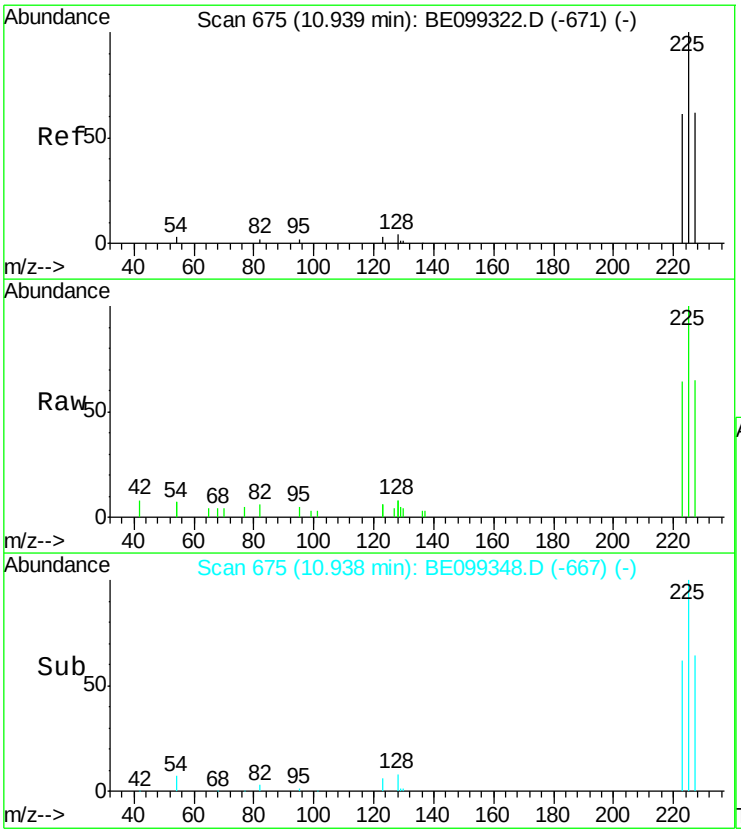
#9
Naphthalene
Concen: 0.254 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:128 Resp: 44052

Ion	Ratio	Lower	Upper
128	100		
129	2.6	2.3	3.5
127	3.6	2.8	4.2

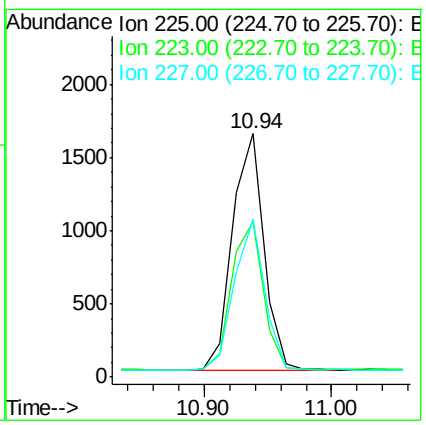


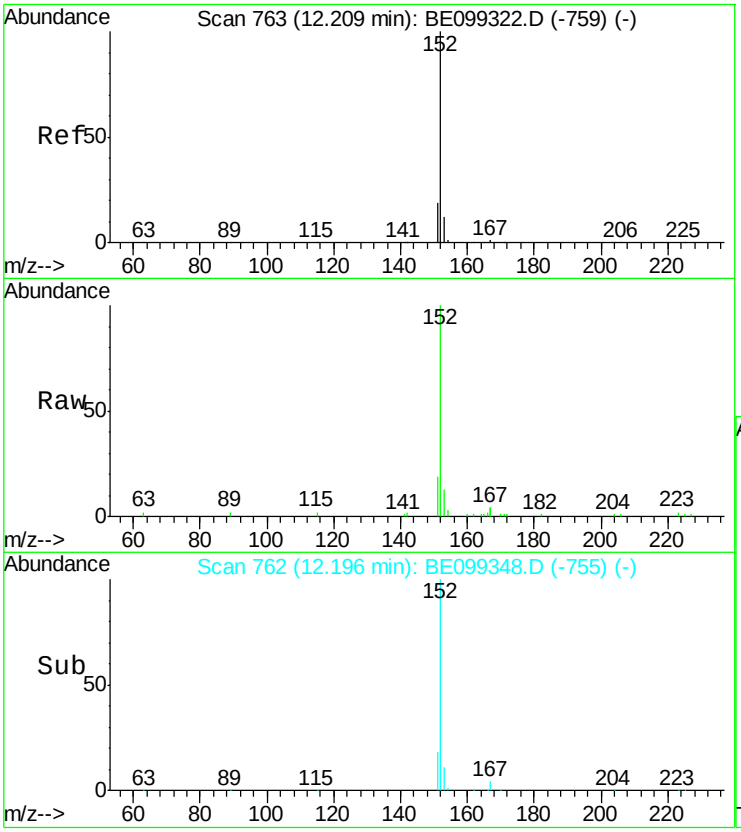


#10
Hexachlorobutadiene
Concen: 0.251 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:225 Resp: 2769

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.3	75.5
227	62.1	49.4	74.0



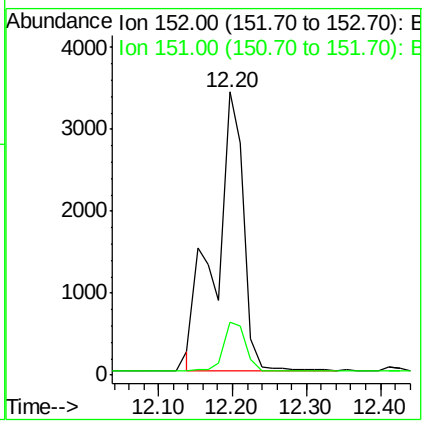


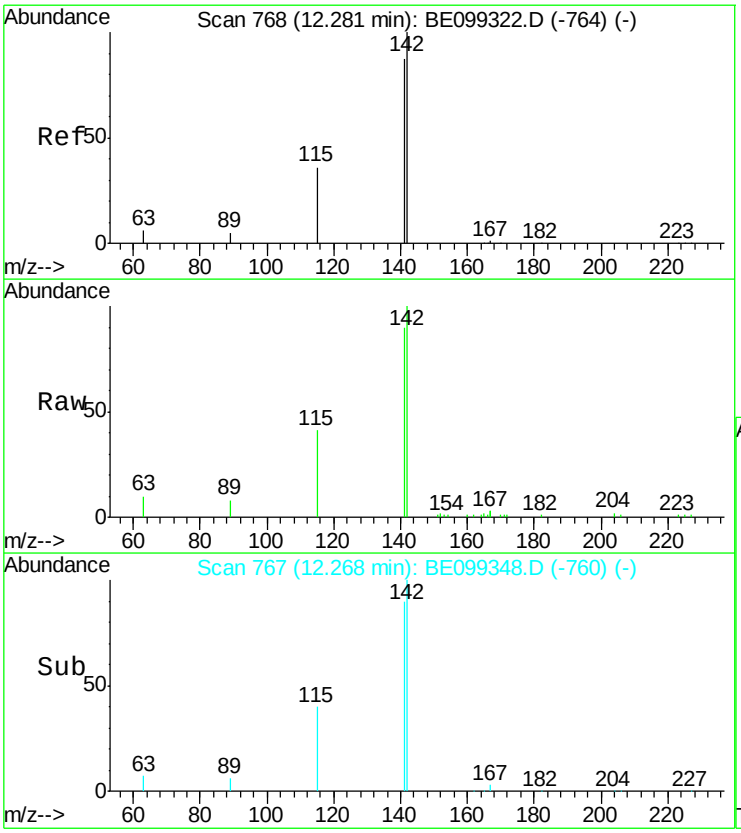
#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:152 Resp: 8955

Ion	Ratio	Lower	Upper
152	100		
151	13.8	14.9	22.3#

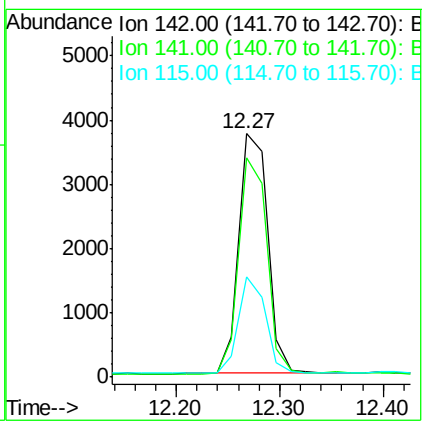


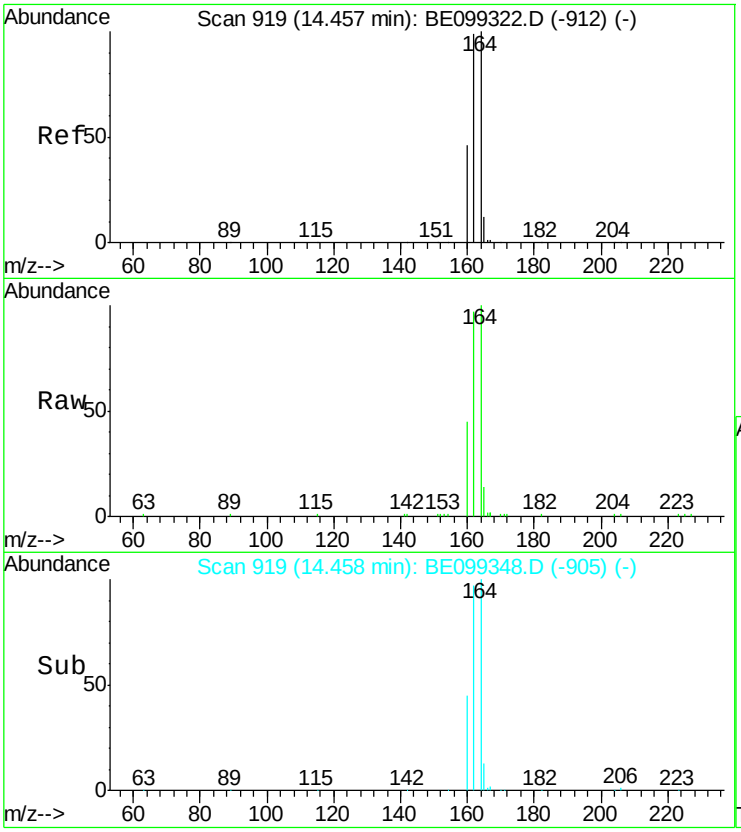


#12
2-Methylnaphthalene
Concen: 0.245 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:142 Resp: 7225

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.0	108.0
115	41.4	33.4	50.0



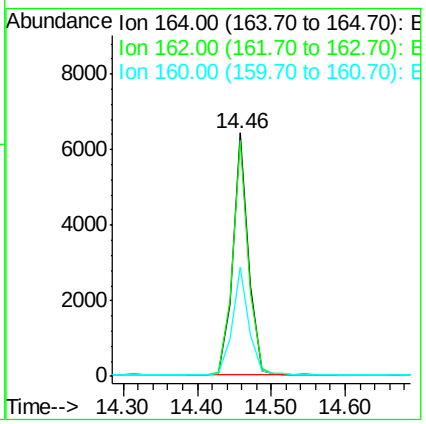


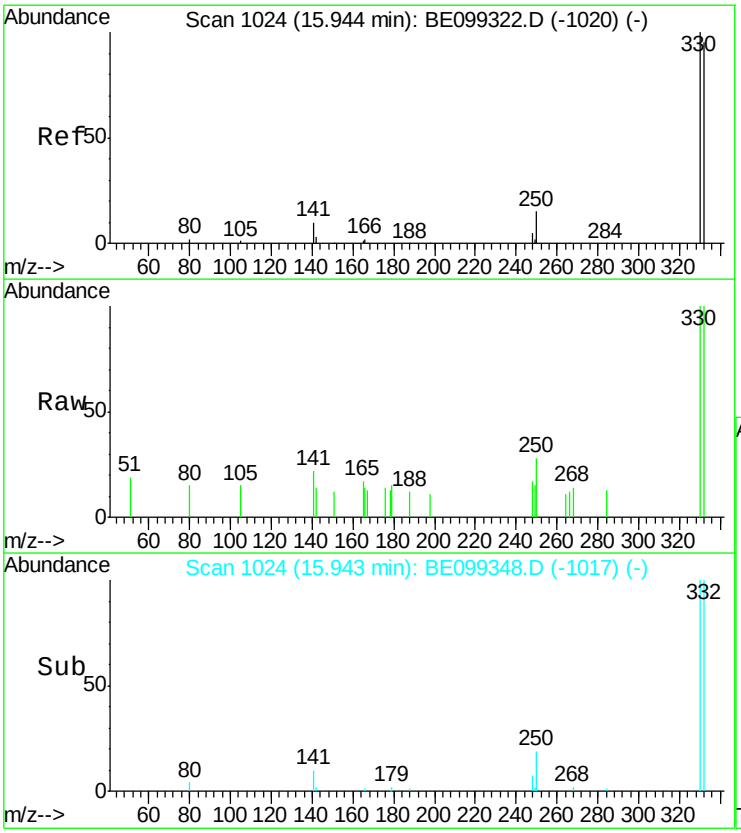
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:164 Resp: 9348

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.8	116.6
160	45.1	37.1	55.7

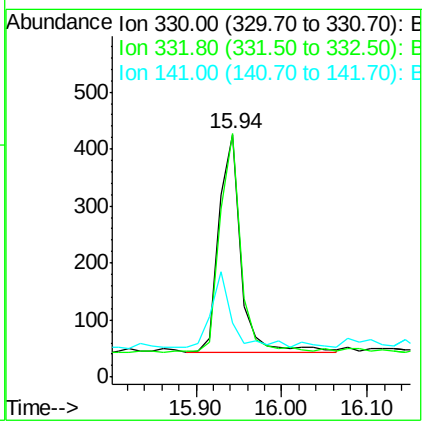


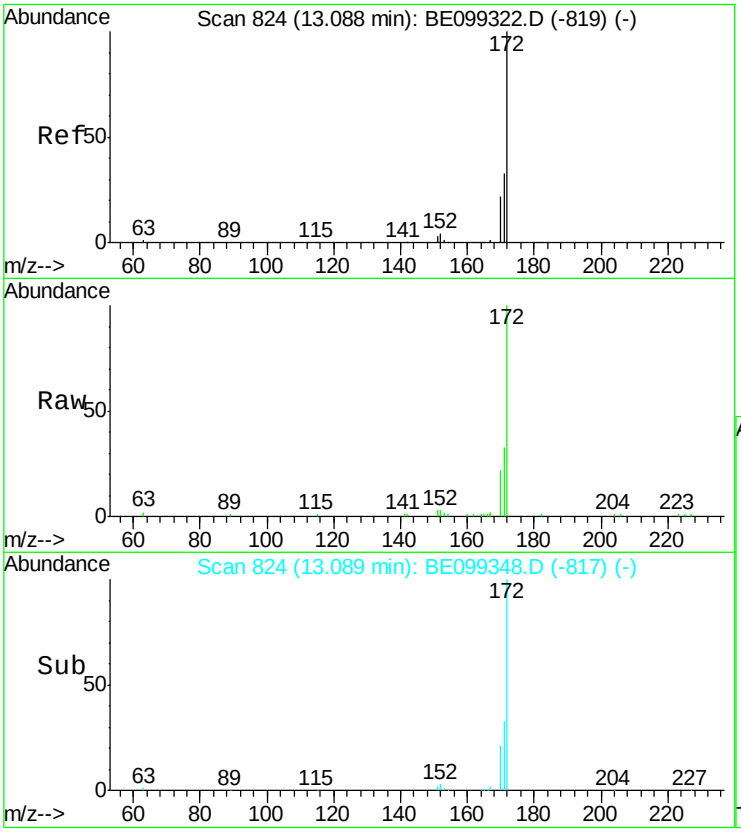


#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:330 Resp: 675

Ion	Ratio	Lower	Upper
330	100		
332	93.0	82.5	123.7
141	32.1	24.9	37.3



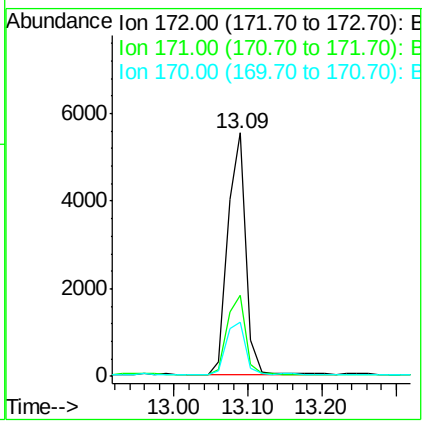


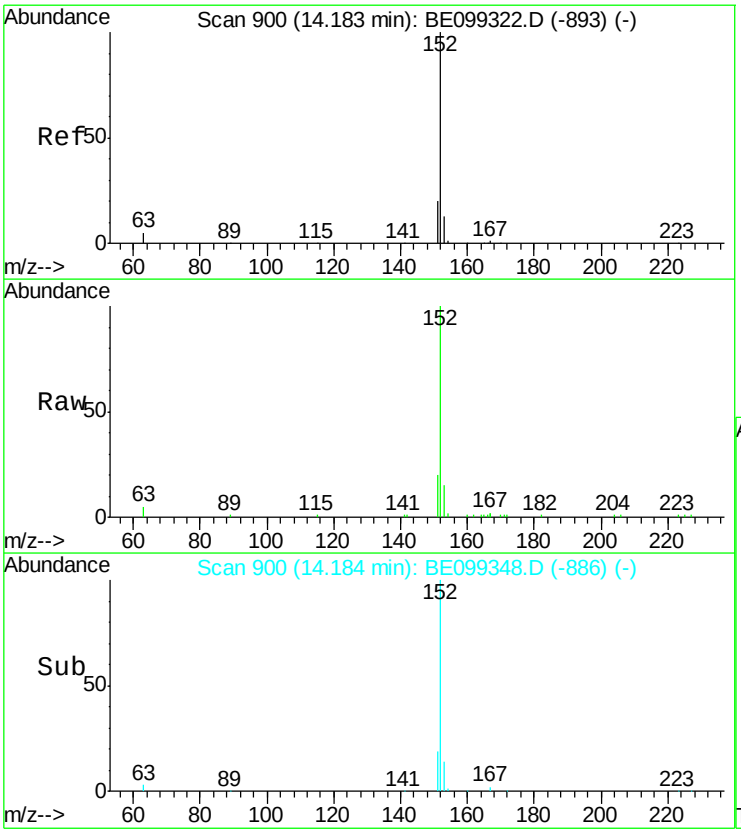
#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:172 Resp: 9327

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.2	39.2
170	22.0	18.1	27.1

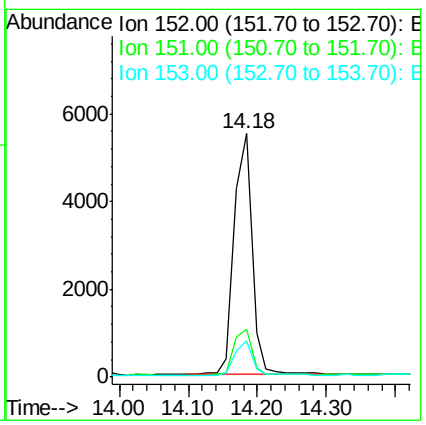


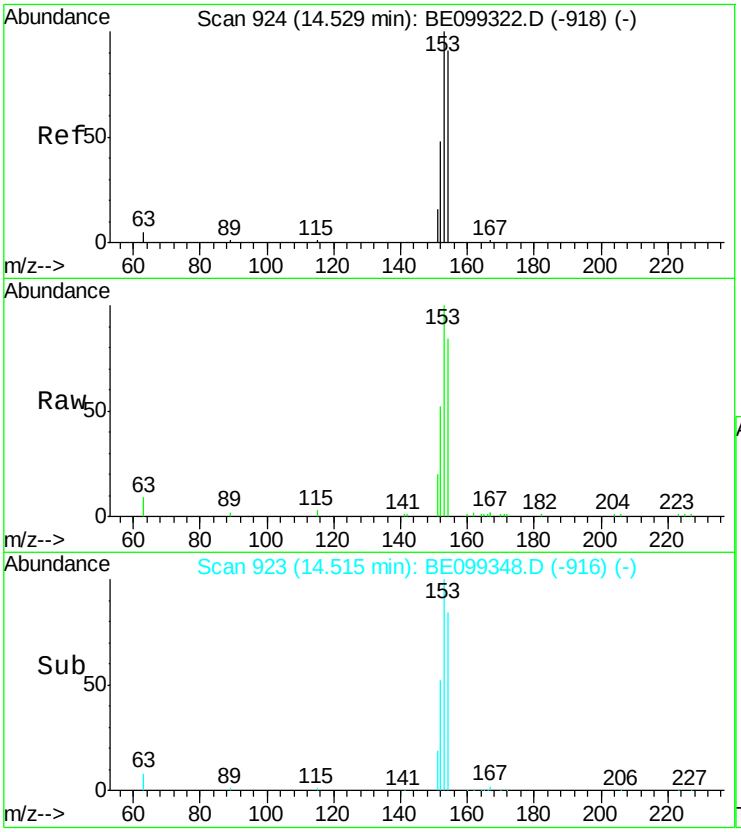


#16
Acenaphthylene
Concen: 0.235 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:152 Resp: 9946

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.6	10.2	15.4



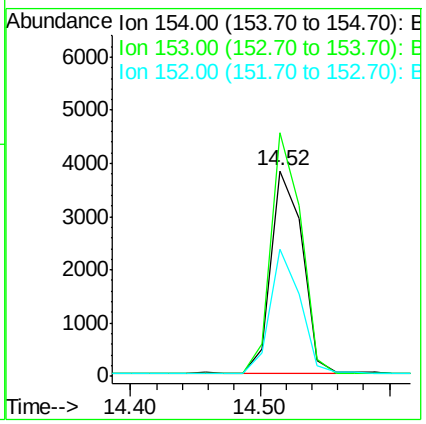


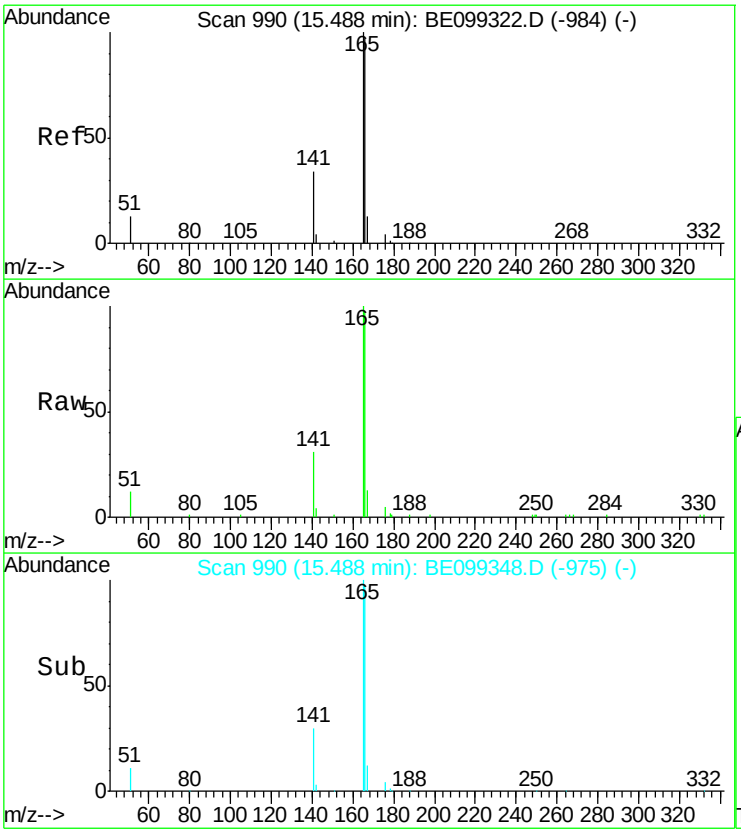
#17
Acenaphthene
Concen: 0.248 ng
RT: 14.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:154 Resp: 6456

Ion	Ratio	Lower	Upper
154	100		
153	114.4	94.7	142.1
152	57.9	46.4	69.6

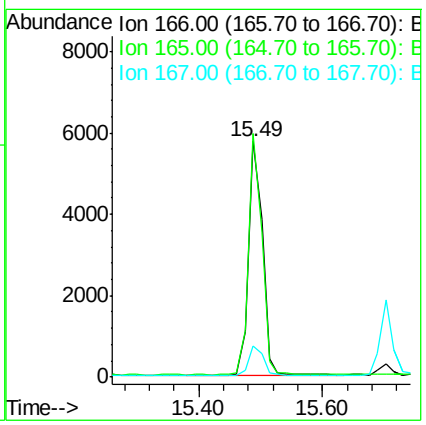


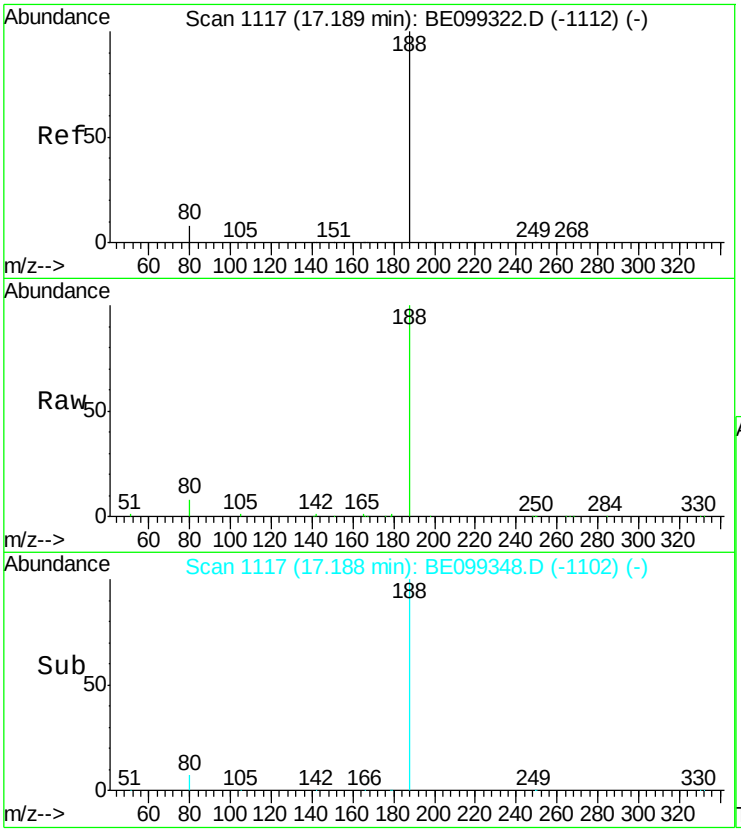


#18
Fluorene
Concen: 0.241 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:166 Resp: 9029

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.7	119.5
167	13.1	11.0	16.4



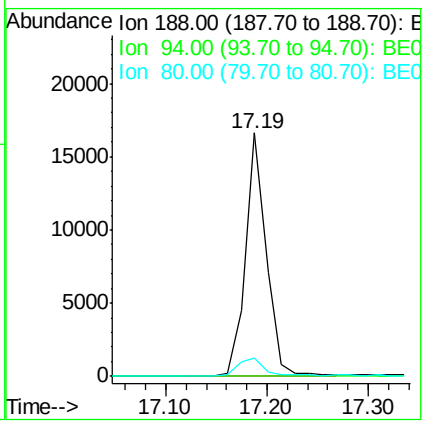


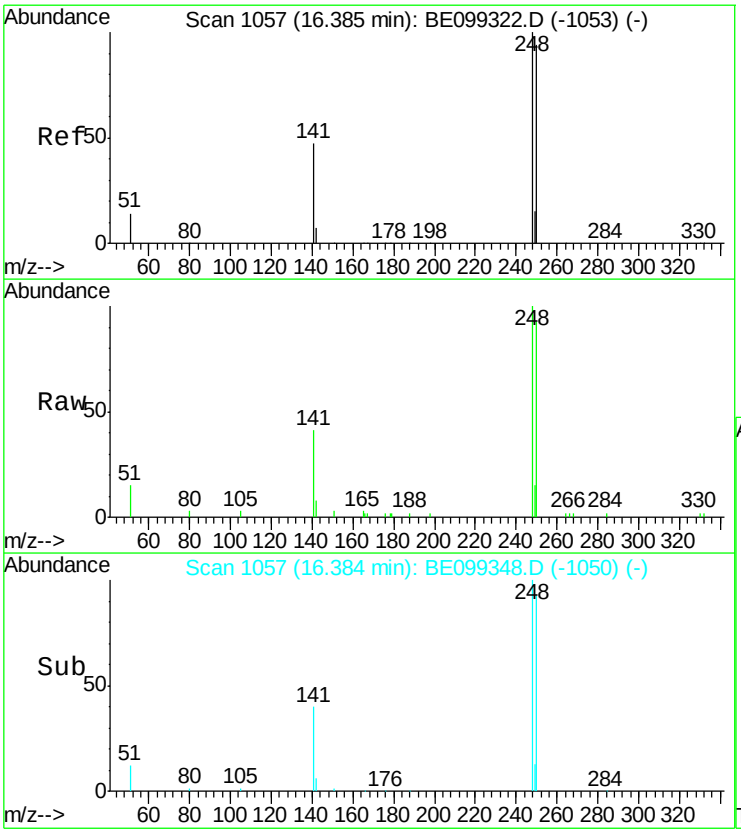
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:188 Resp: 23572

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.2	9.4

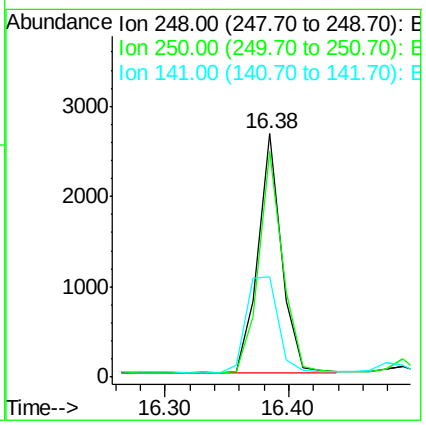


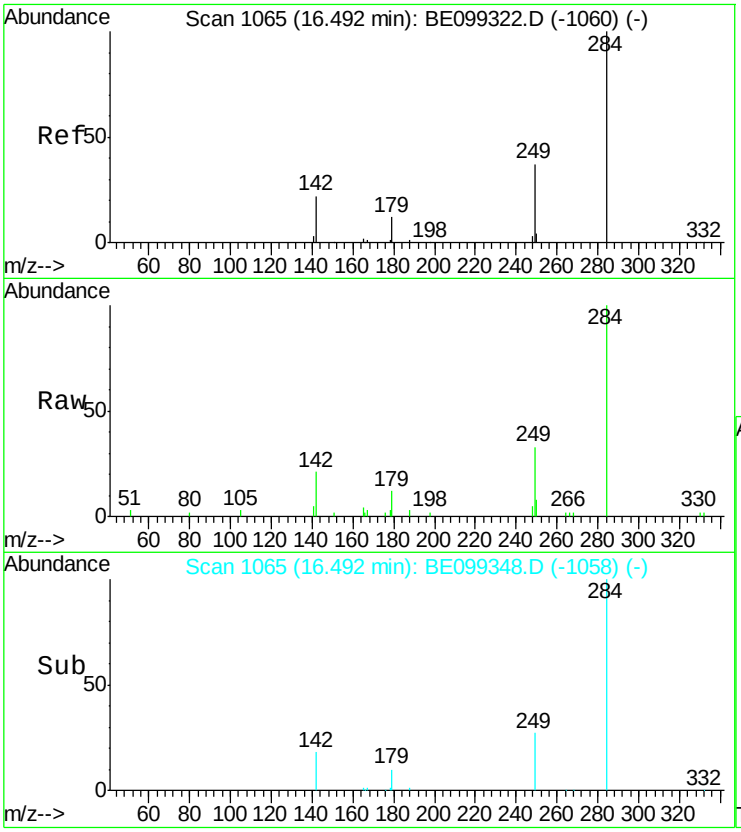


#20
4-Bromophenyl-phenylether
Concen: 0.265 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:248 Resp: 3460

Ion	Ratio	Lower	Upper
248	100		
250	92.8	77.0	115.6
141	41.0	31.1	46.7



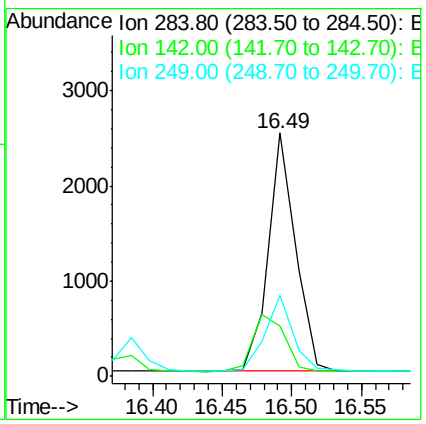


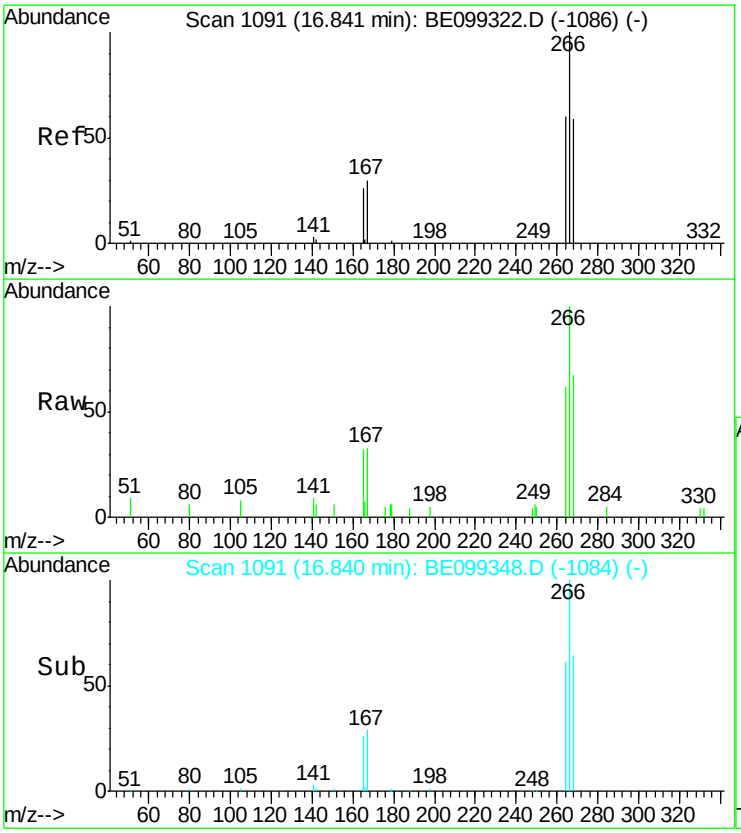
#21
Hexachlorobenzene
Concen: 0.273 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:284 Resp: 3431

Ion	Ratio	Lower	Upper
284	100		
142	28.2	21.8	32.6
249	31.9	26.2	39.4

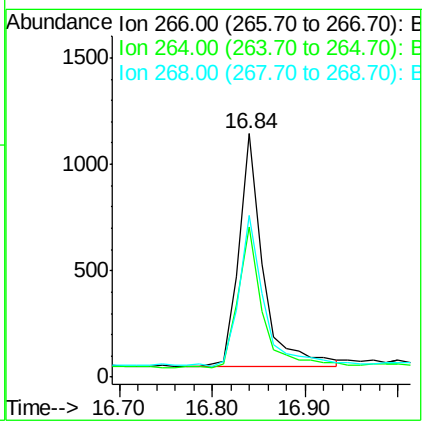


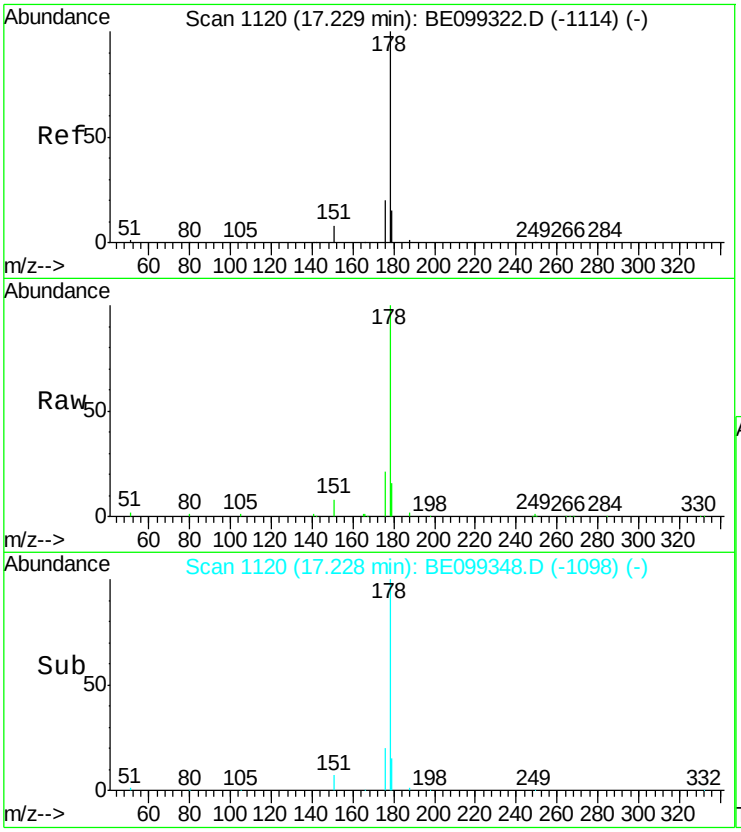


#22
Pentachlorophenol
Concen: 0.610 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:266 Resp: 1978

Ion	Ratio	Lower	Upper
266	100		
264	61.8	54.5	81.7
268	66.6	54.3	81.5



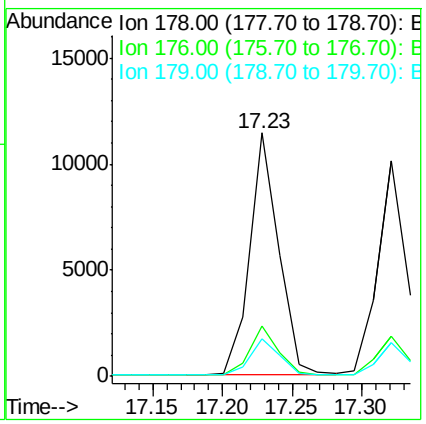


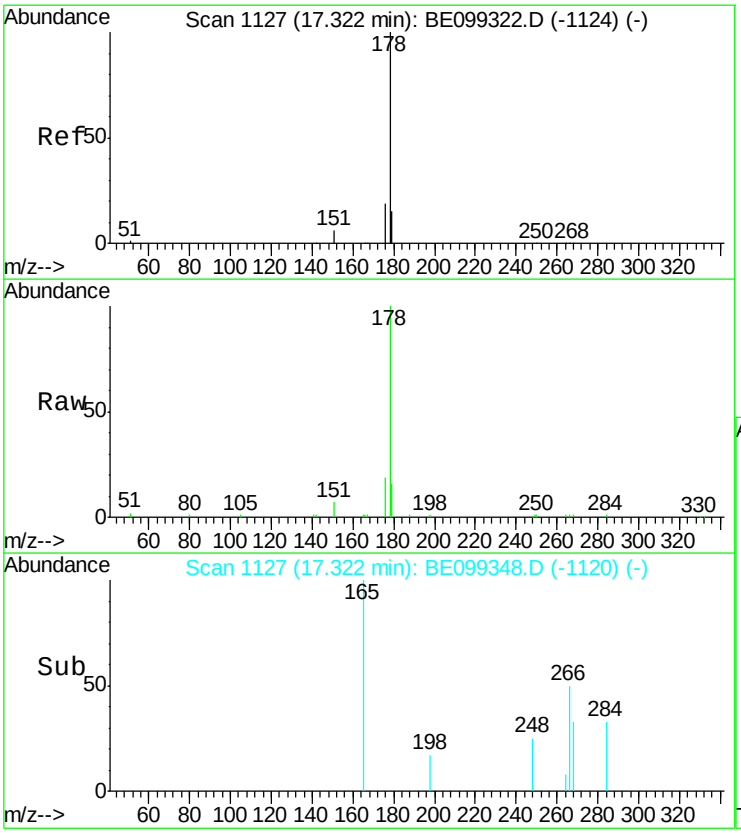
#23
Phenanthrene
Concen: 0.265 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:178 Resp: 16549

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	15.5	12.4	18.6

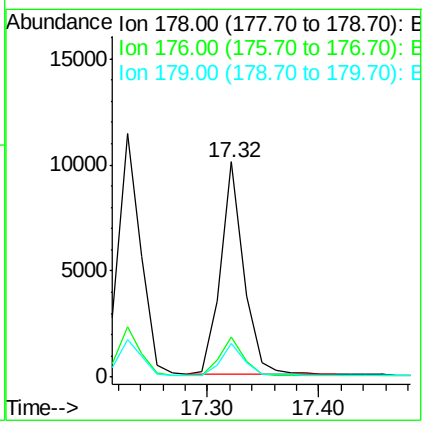


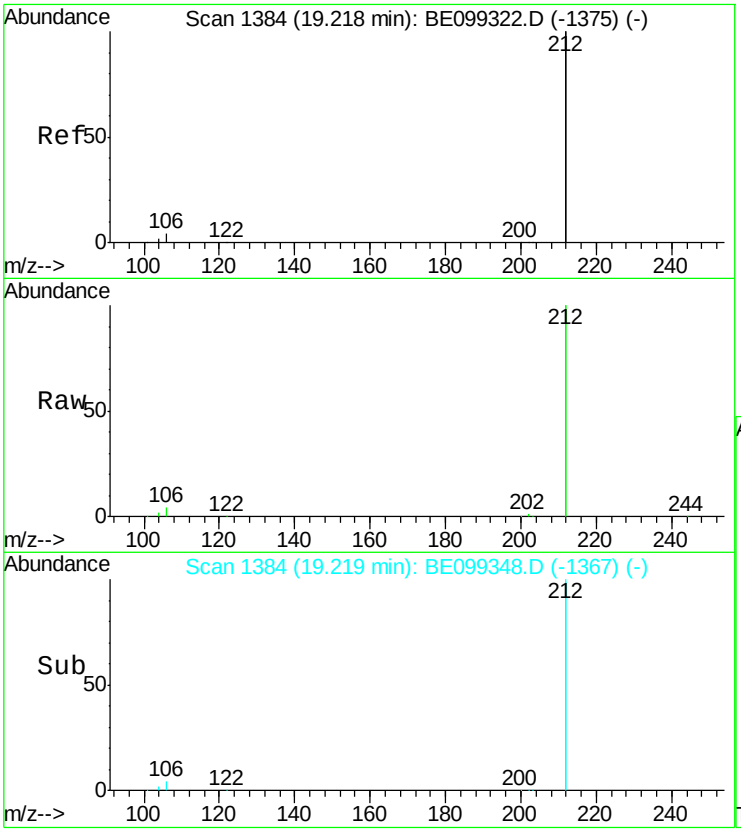


#24
Anthracene
Concen: 0.262 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:178 Resp: 14558

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	11.9	17.9



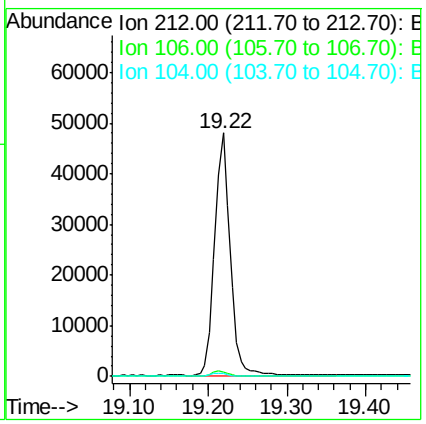


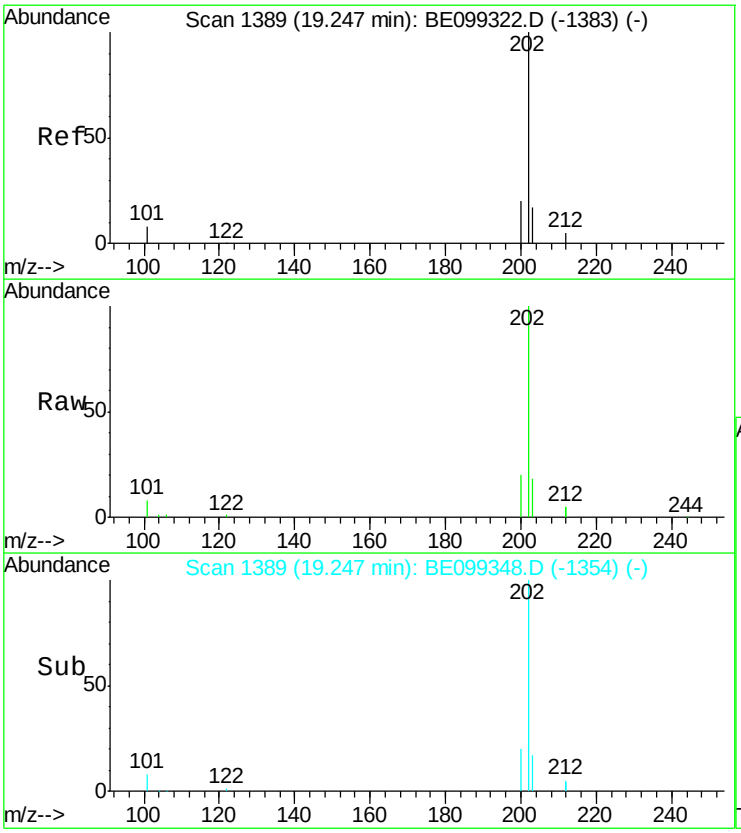
#25
Fluoranthene-d10
Concen: 0.229 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:212 Resp: 64778

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.6
104	1.2	1.0	1.4

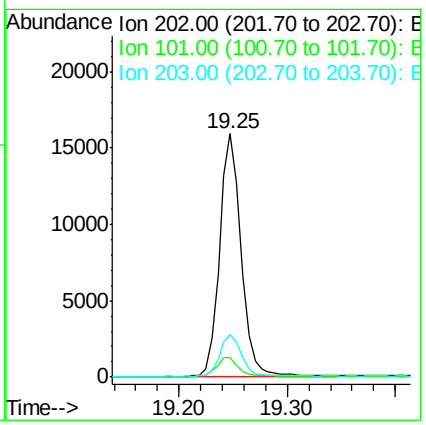


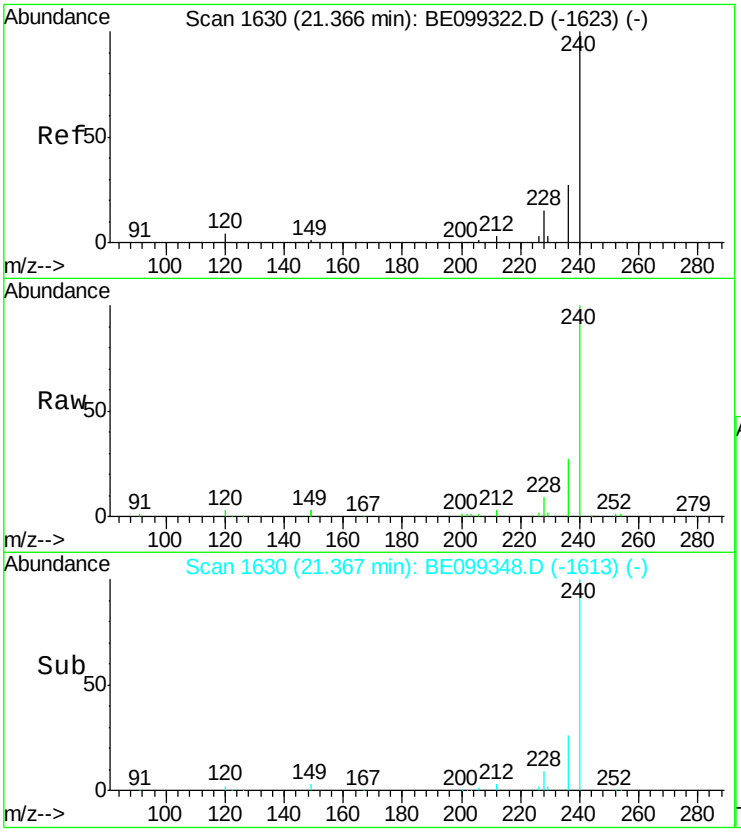


#26
Fluoranthene
Concen: 0.262 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:202 Resp: 21926

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.4	9.6
203	17.1	13.5	20.3



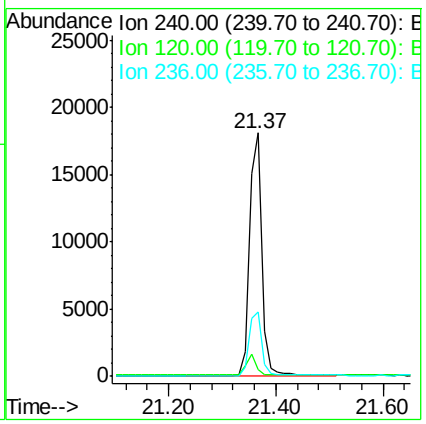


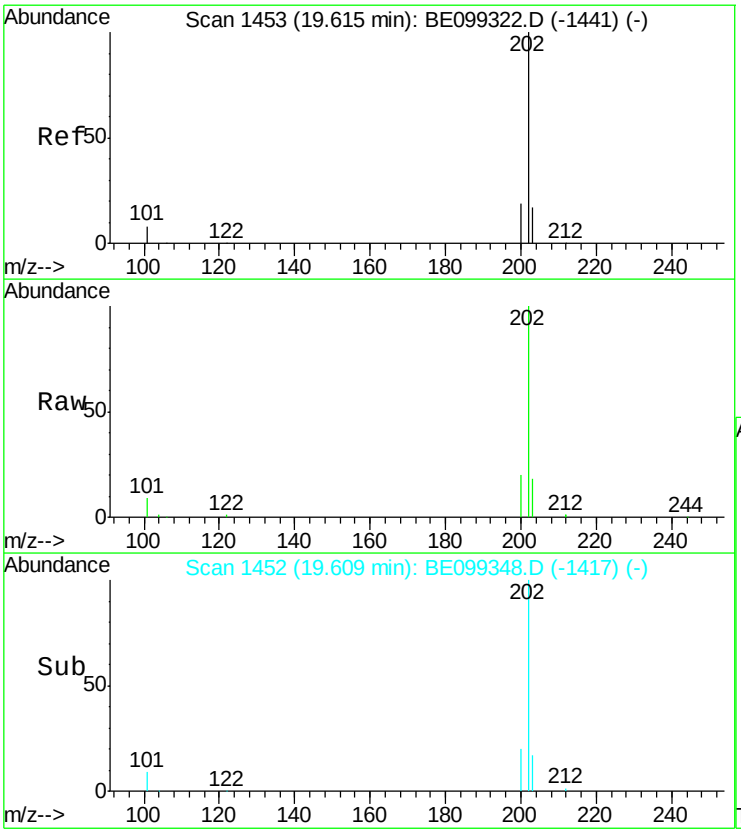
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:240 Resp: 28960

Ion	Ratio	Lower	Upper
240	100		
120	3.0	2.2	3.2
236	26.5	20.2	30.4

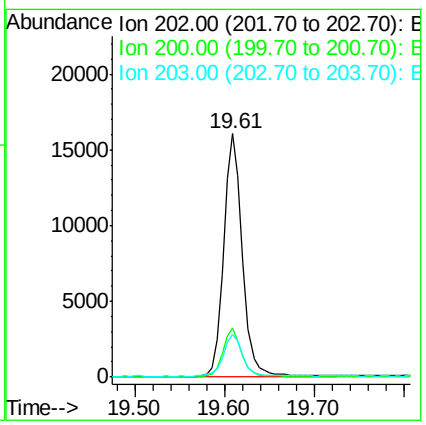


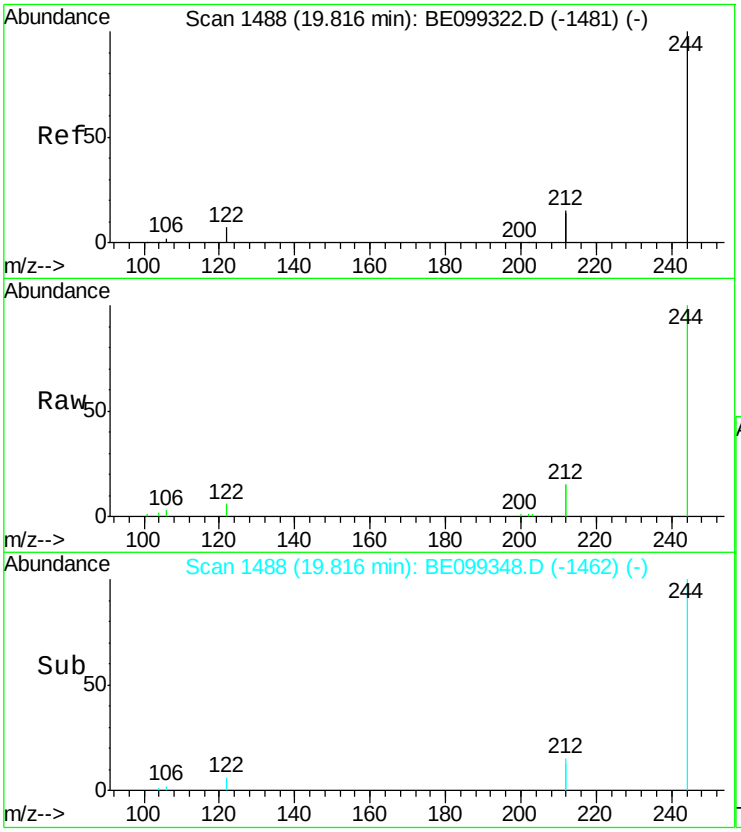


#28
Pyrene
Concen: 0.267 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:202 Resp: 22770

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	18.3	13.7	20.5



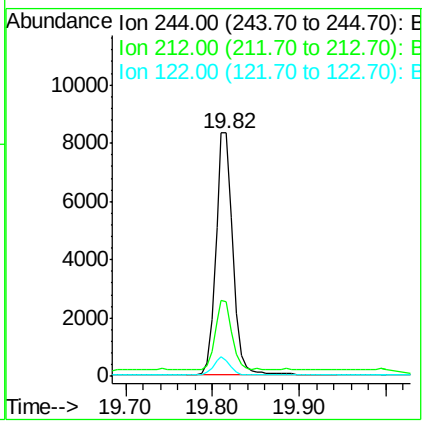


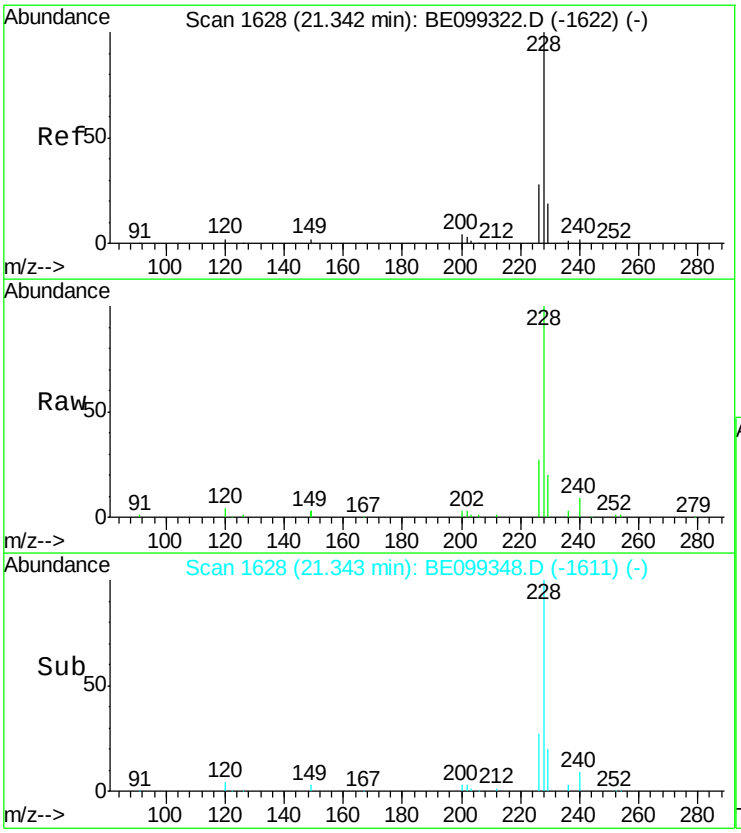
#29
Terphenyl-d14
Concen: 0.202 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:244 Resp: 11505

Ion	Ratio	Lower	Upper
244	100		
212	30.7	22.6	33.8
122	6.4	4.6	7.0

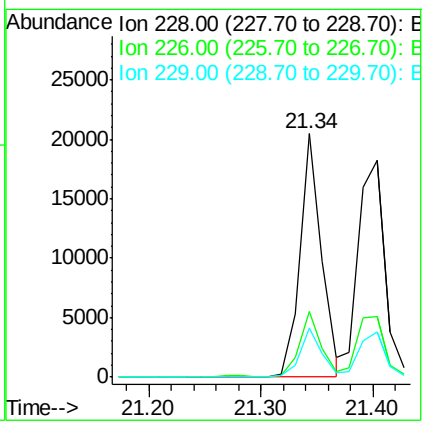


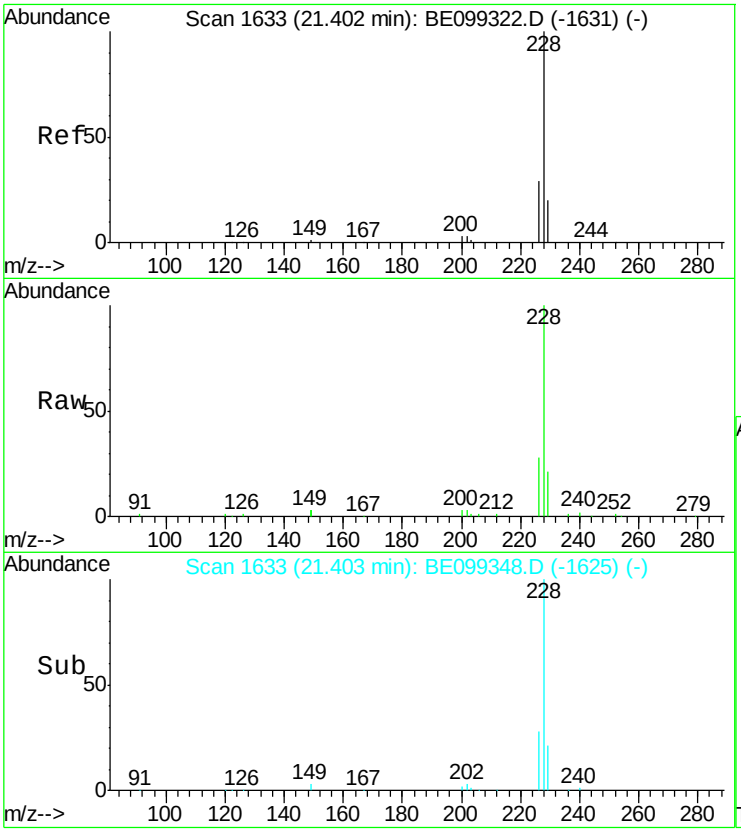


#30
Benzo(a)anthracene
Concen: 0.317 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:228 Resp: 26961

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	19.9	15.8	23.8



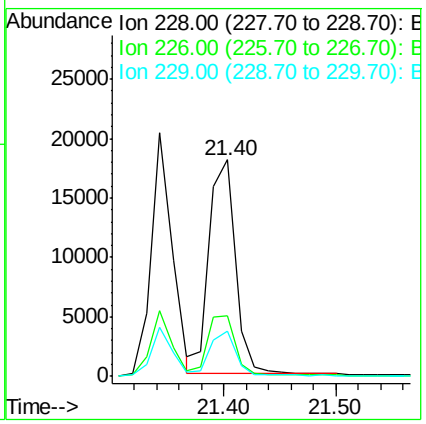


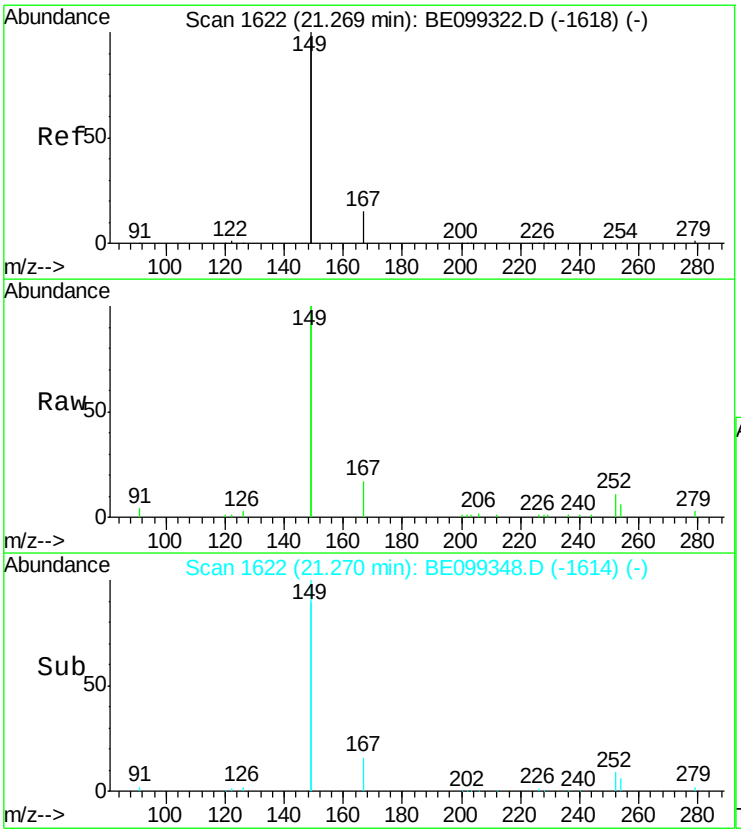
#31
Chrysene
Concen: 0.323 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:228 Resp: 29227

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	20.9	16.2	24.2

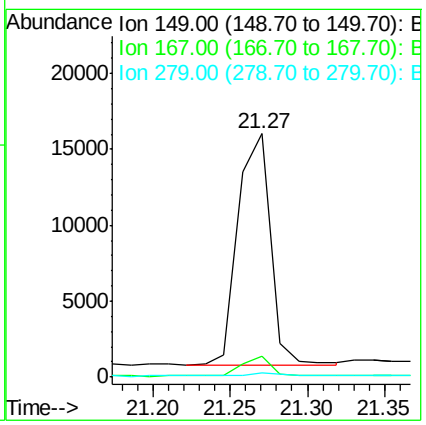


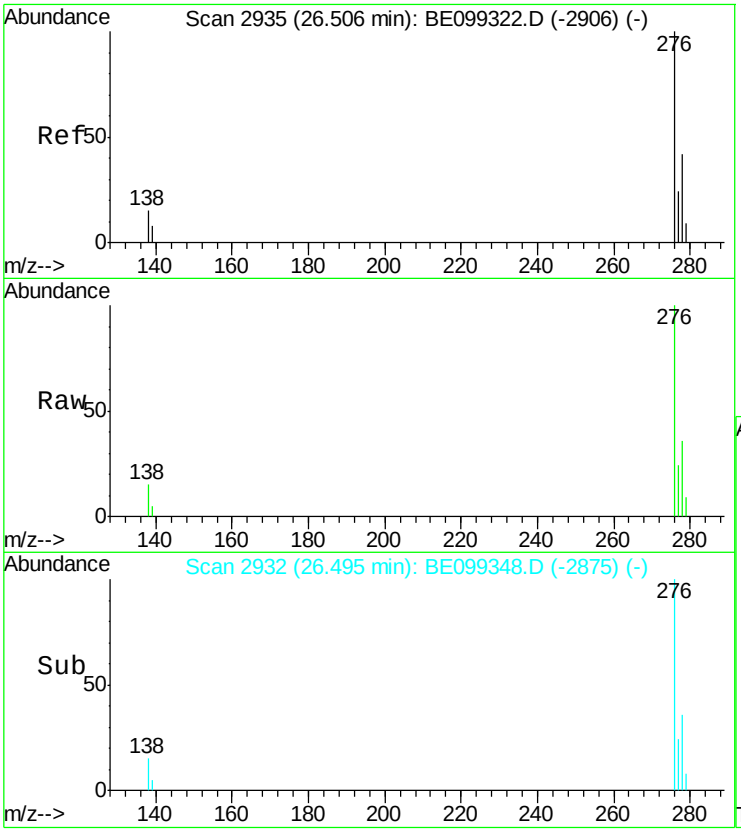


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.285 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:149 Resp: 22080

Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.0	9.0
279	1.3	1.1	1.7



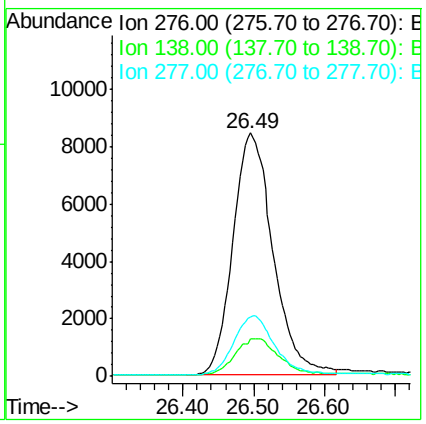


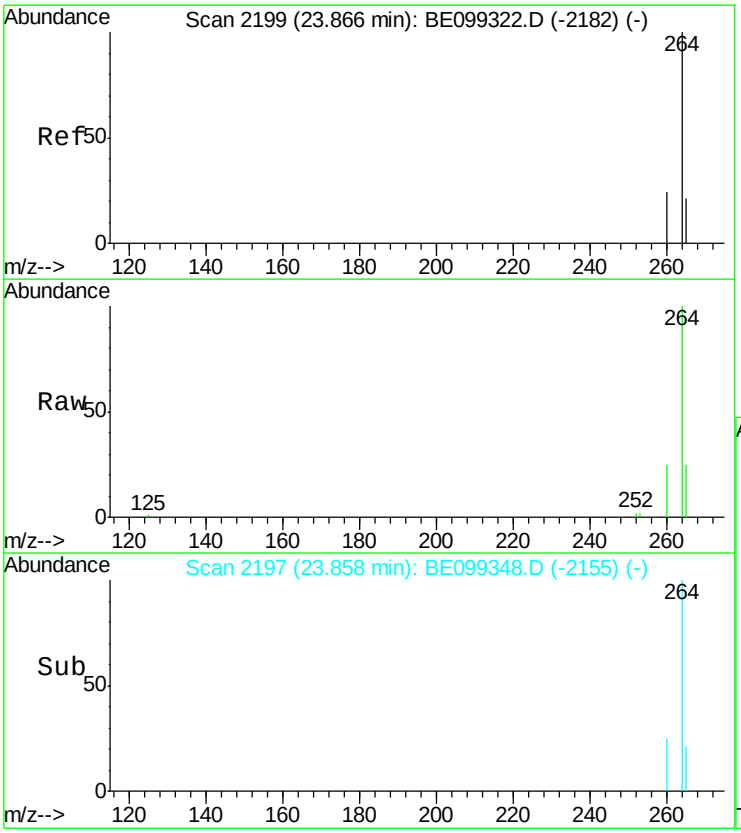
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.49 min Scan# 2932
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:276 Resp: 33337

Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.7	19.1
277	24.2	19.6	29.4

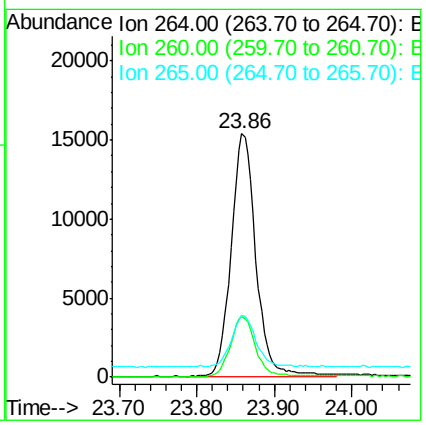


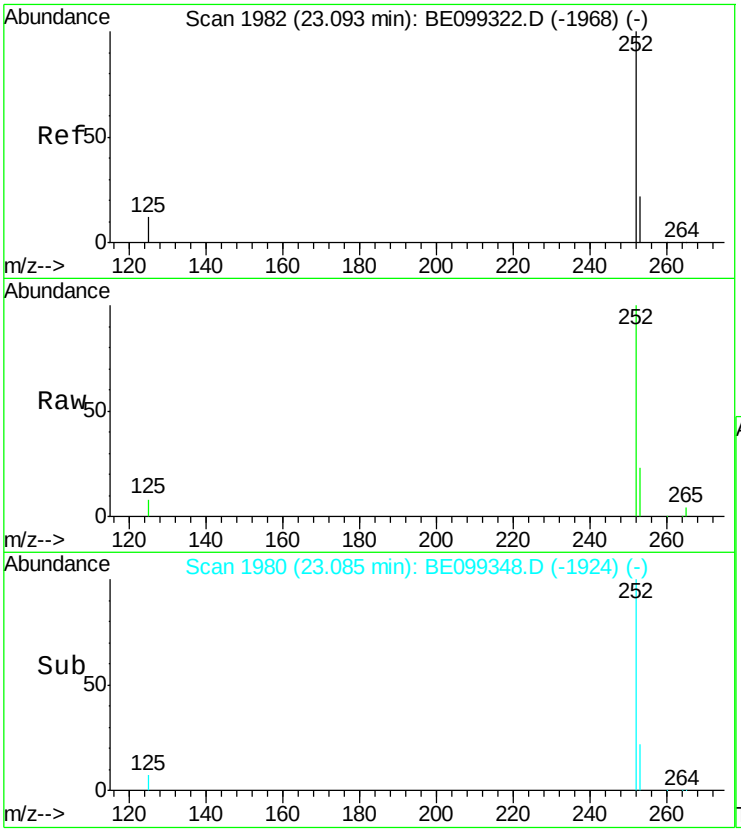


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:264 Resp: 33782

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	25.3	19.9	29.9



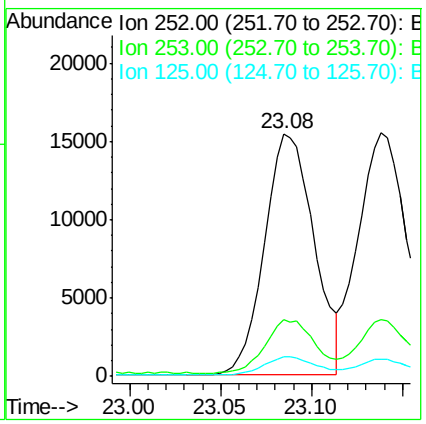


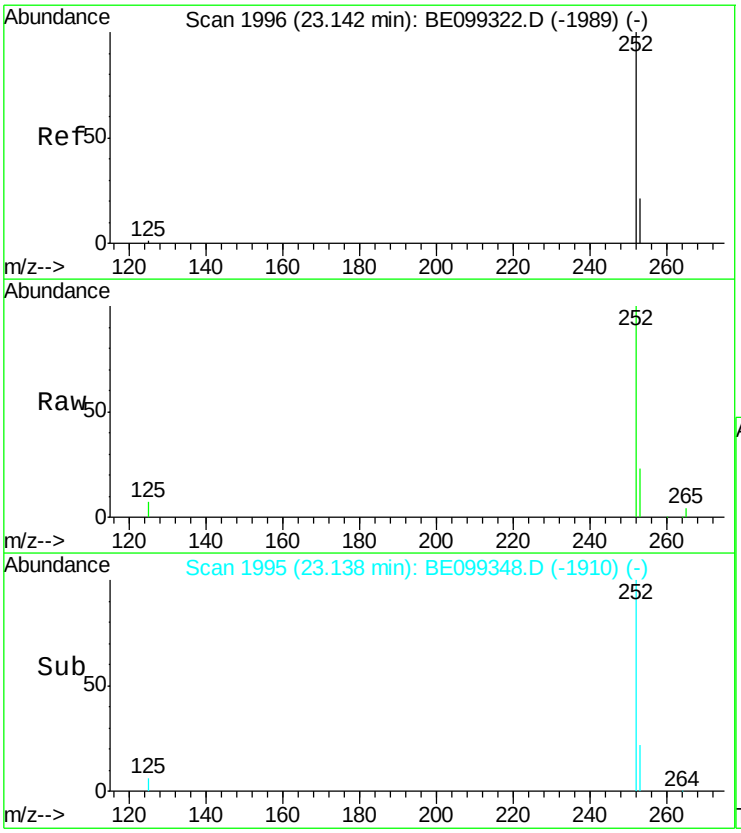
#35
Benzo(b)fluoranthene
Concen: 0.280 ng
RT: 23.08 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:252 Resp: 28921

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	7.9	5.8	8.6

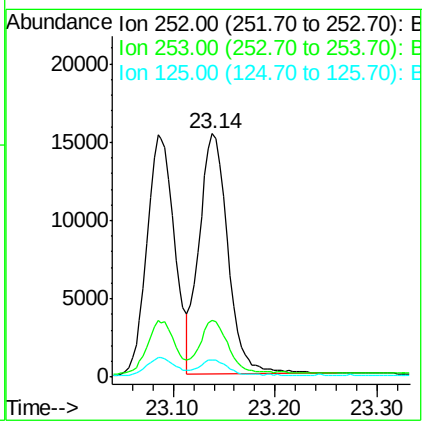


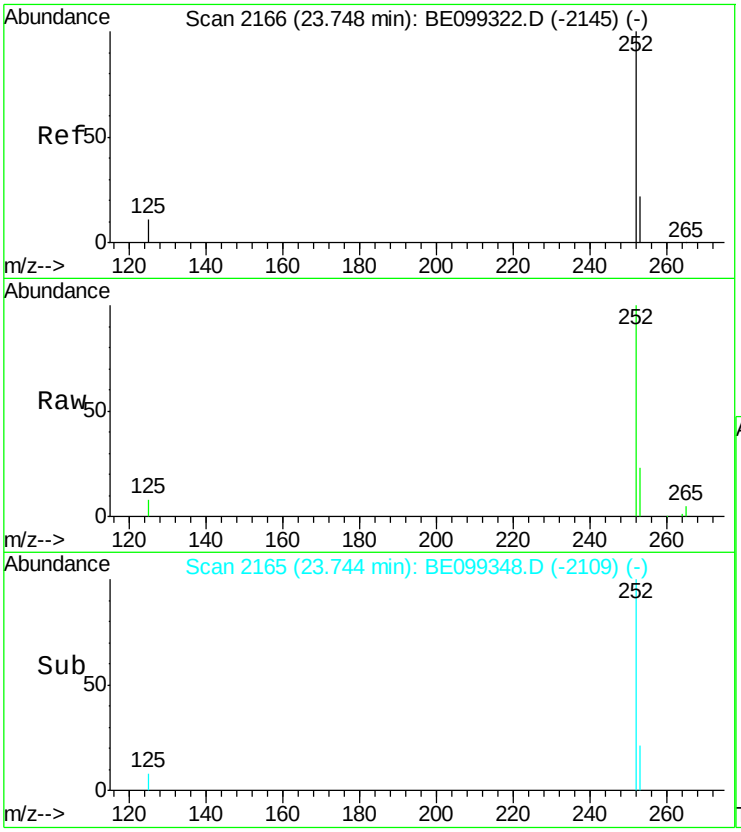


#36
Benzo(k)fluoranthene
Concen: 0.291 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:252 Resp: 30022

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	6.9	5.4	8.0



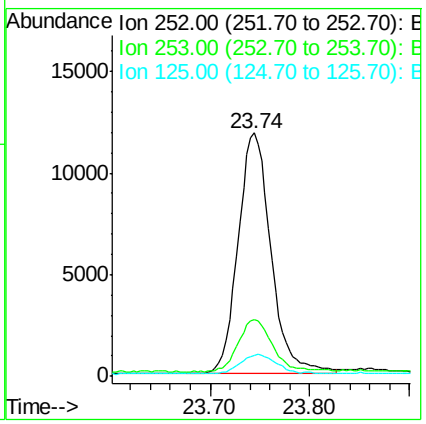


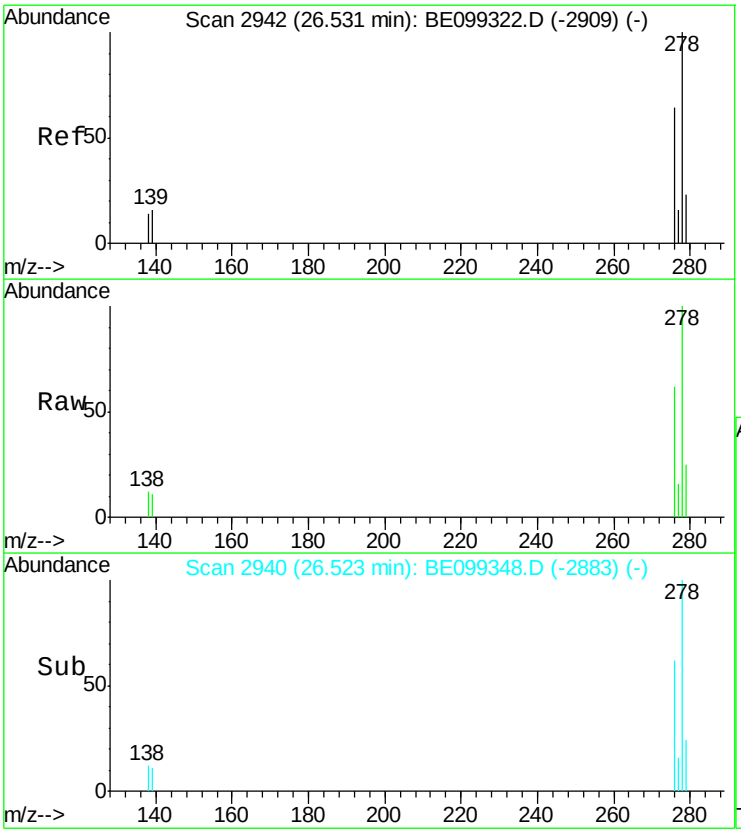
#37
Benzo(a)pyrene
Concen: 0.293 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:252 Resp: 27172

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	8.5	6.5	9.7

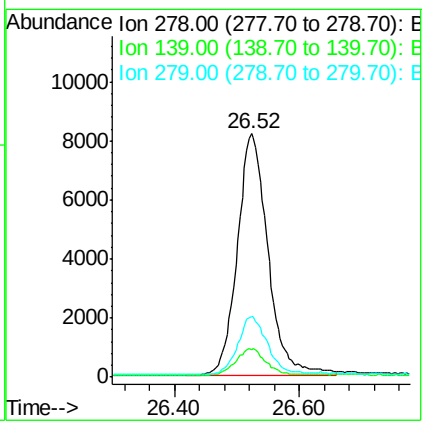


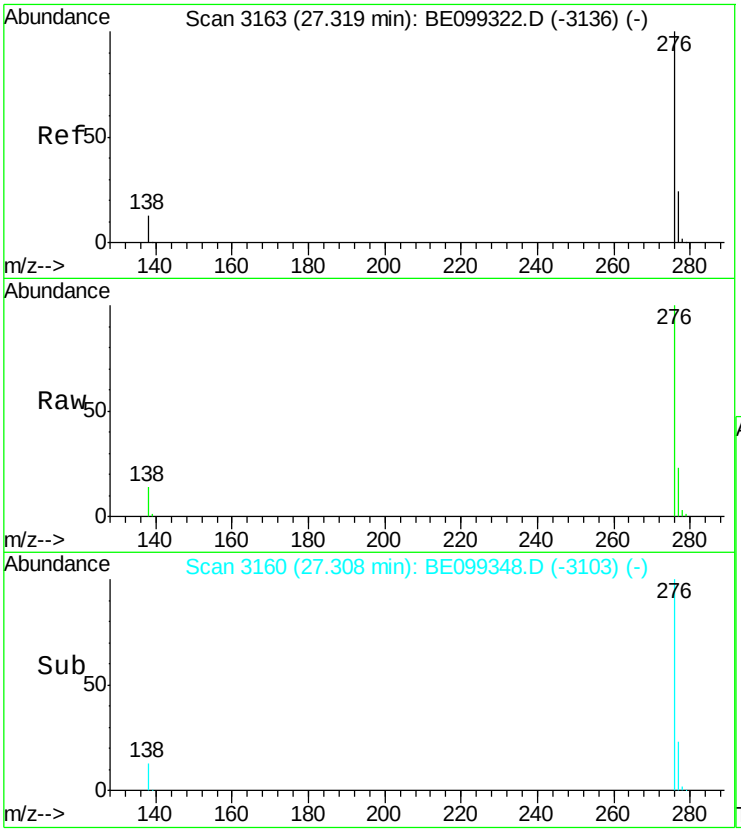


#38
Dibenzo(a,h)anthracene
Concen: 0.295 ng
RT: 26.52 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Tgt Ion:278 Resp: 27950

Ion	Ratio	Lower	Upper
278	100		
139	11.3	8.5	12.7
279	24.7	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.297 ng
RT: 27.31 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BE099348.D
Acq: 19 Apr 2019 14:33

Instrument :
BNA_E
ClientSampleId :
PB119051BSD

Tgt Ion:276 Resp: 28520

Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.0	30.0
138	13.7	11.1	16.7