Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099376.D
Acq On : 26 Apr 2019 13:53
Operator : JU/SJ
Sample : K2533-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-028-B010-042219

Quant Time: Apr 26 14:40:41 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	2269	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	9739	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6530	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	17251	0.40	ng		0.00
27) Chrysene-d12	21.37	240	19087	0.40	ng		0.00
34) Perylene-d12	23.86	264	21425	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	15775	2.85	ng		0.00
5) Phenol-d6	6.98	99	22326	2.82	ng		0.00
8) Nitrobenzene-d5	8.97	82	20029	2.65	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	9216	0.54	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	7900	3.64	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	56621	2.21	ng		0.00
25) Fluoranthene-d10	19.22	212	103302	0.50	ng		0.00
29) Terphenyl-d14	19.82	244	94137	2.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	2158	0.679	ng	#	66
3) n-Nitrosodimethylamine	3.64	42	1542	0.902	ng	#	96
6) bis(2-Chloroethyl)ether	7.24	93	6124	0.830	ng		96
9) Naphthalene	10.65	128	87386	0.822	ng		99
10) Hexachlorobutadiene	10.93	225	5757	0.853	ng		99
12) 2-Methylnaphthalene	12.27	142	14896	0.824	ng		94
16) Acenaphthylene	14.18	152	27377	0.928	ng		99
17) Acenaphthene	14.51	154	15374	0.845	ng		96
18) Fluorene	15.49	166	21494	0.823	ng		100
20) 4-Bromophenyl-phenylether	16.38	248	8571	0.897	ng	#	96
21) Hexachlorobenzene	16.49	284	8011	0.872	ng		99
22) Pentachlorophenol	16.84	266	3954	1.286	ng		95
23) Phenanthrene	17.23	178	42012	0.920	ng		99
24) Anthracene	17.32	178	35689	0.878	ng		99
26) Fluoranthene	19.25	202	61840	1.011	ng		98
28) Pyrene	19.61	202	64187	1.141	ng		99
30) Benzo(a)anthracene	21.34	228	66671	1.188	ng		99
31) Chrysene	21.40	228	60495	1.013	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	98919	1.937	ng		99
33) Indeno(1,2,3-cd)pyrene	26.50	276	64241	1.089	ng		97
35) Benzo(b)fluoranthene	23.09	252	60696	0.925	ng		95
36) Benzo(k)fluoranthene	23.14	252	55959	0.856	ng		98
37) Benzo(a)pyrene	23.75	252	55836	0.950	ng		98
38) Dibenzo(a,h)anthracene	26.53	278	48987	0.816	ng		99
39) Benzo(g,h,i)perylene	27.32	276	53314	0.875	ng		98

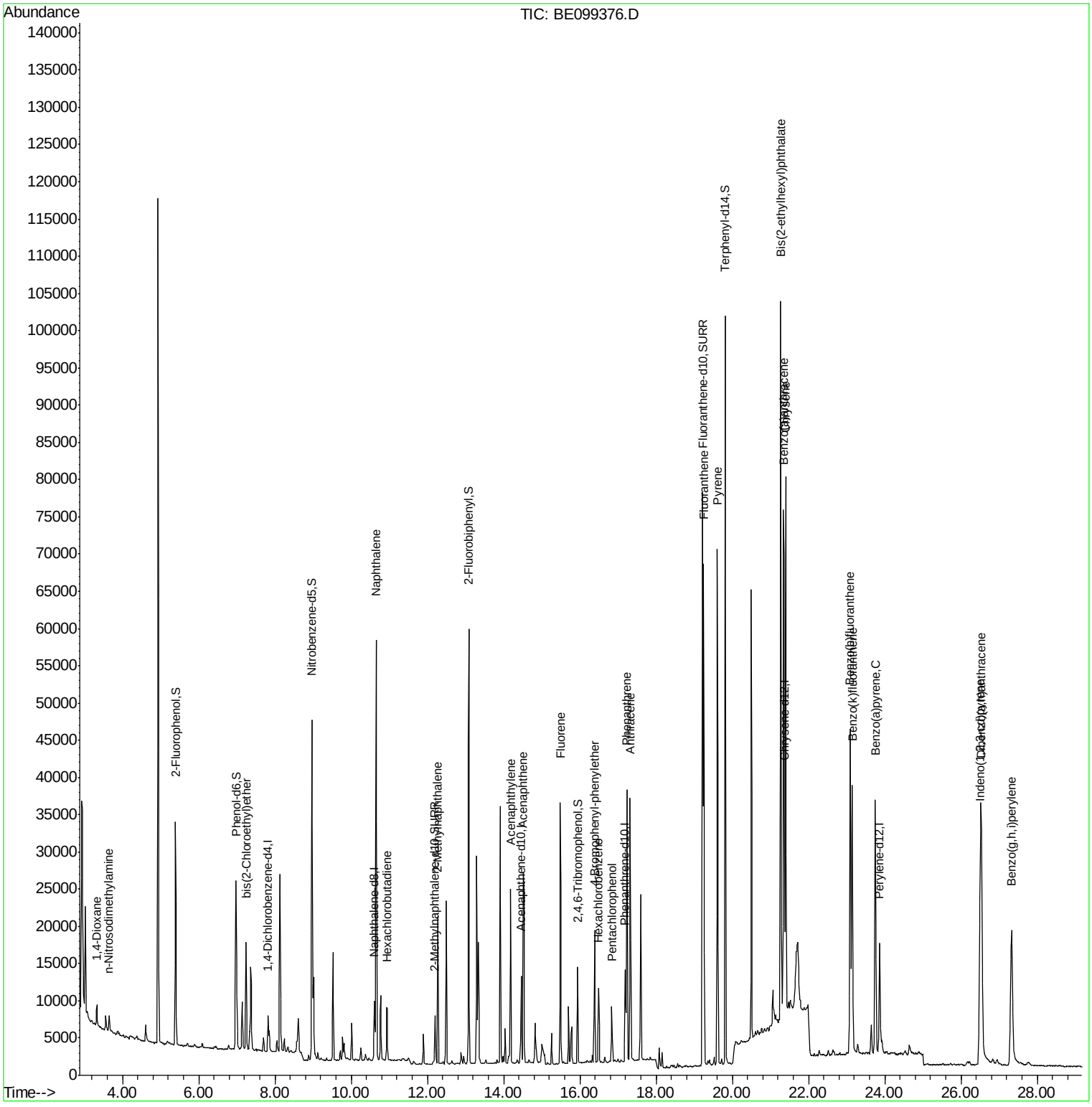
(#) = qualifier out of range (m) = manual integration (+) = signals summed

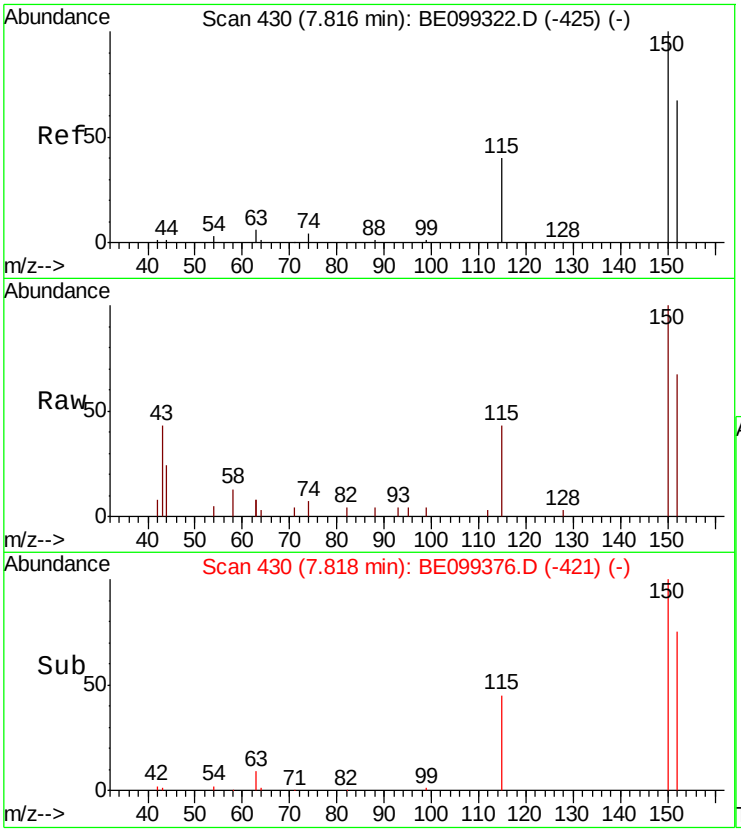
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099376.D
Acq On : 26 Apr 2019 13:53
Operator : JU/SJ
Sample : K2533-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Quant Time: Apr 26 14:40:41 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



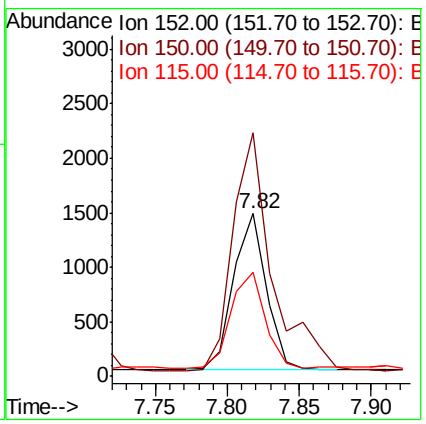


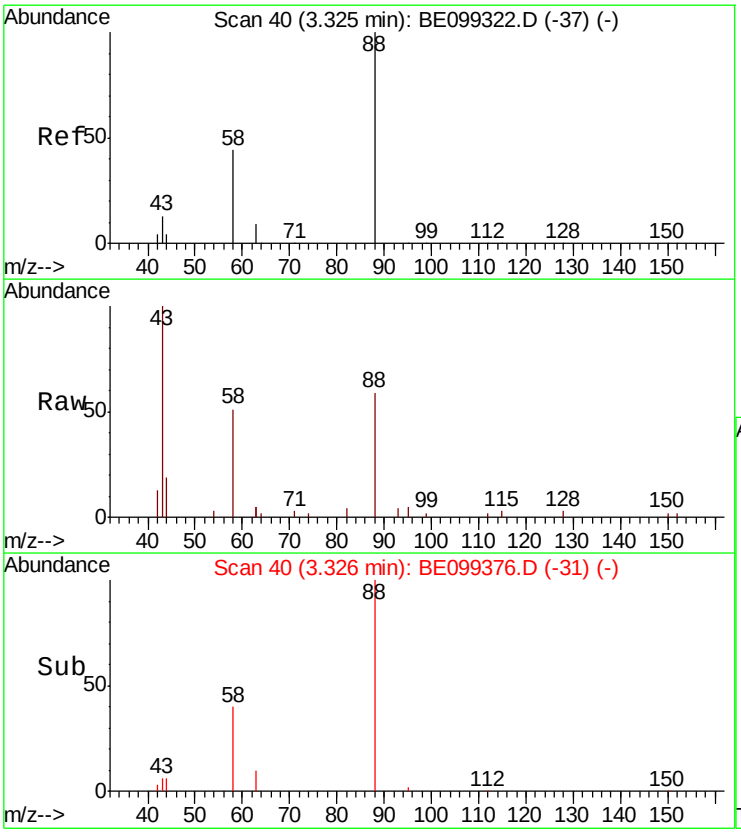
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:152 Resp: 2269

Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	63.7	47.5	71.3

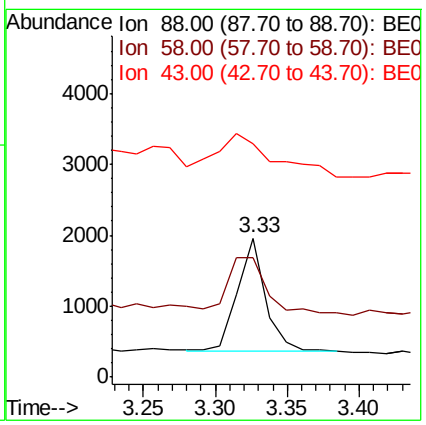


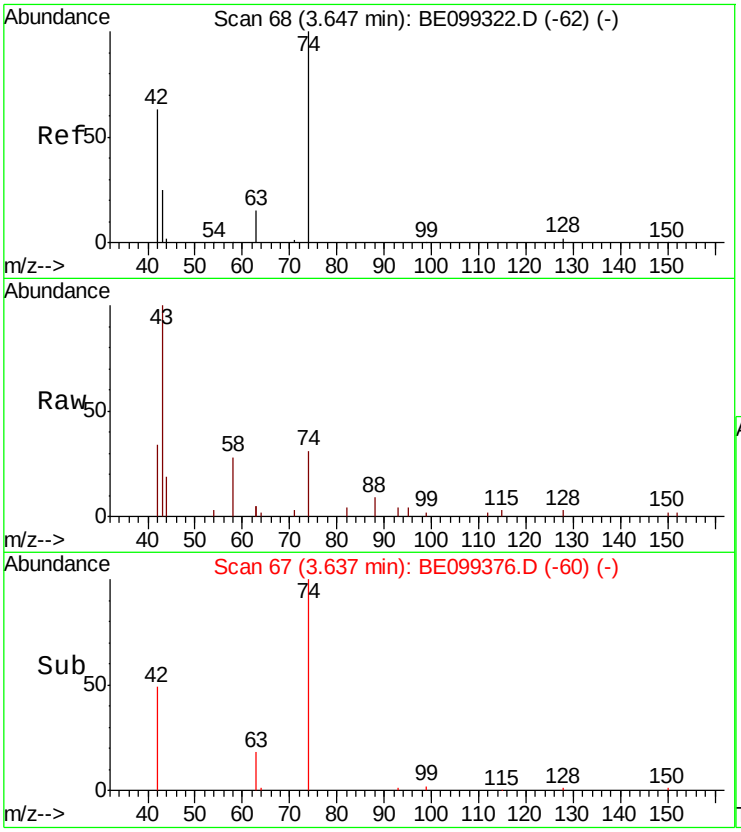


#2
1,4-Dioxane
Concen: 0.679 ng
RT: 3.33 min Scan# 40
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion: 88 Resp: 2158

Ion	Ratio	Lower	Upper
88	100		
58	64.2	49.1	73.7
43	78.5	17.9	26.9#



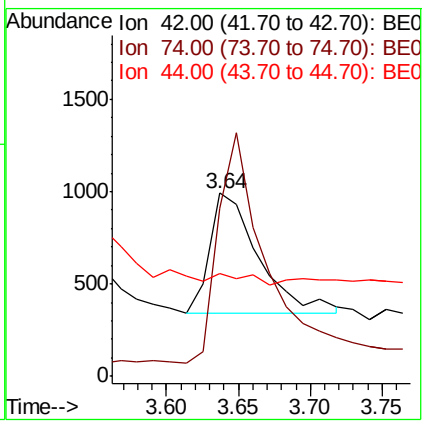


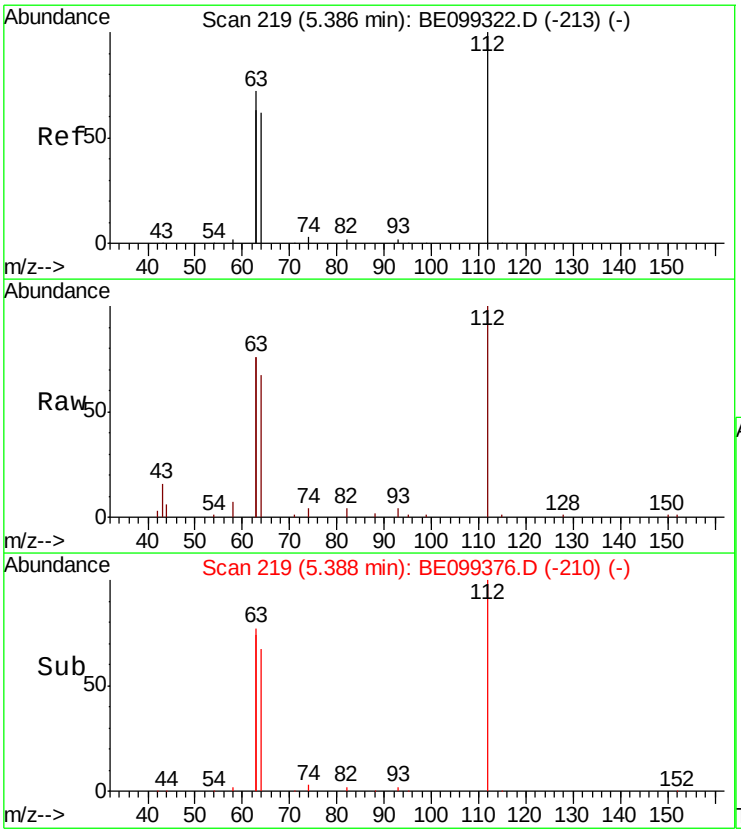
#3
n-Nitrosodimethylamine
Concen: 0.902 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.02 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion: 42 Resp: 1542

Ion	Ratio	Lower	Upper
42	100		
74	187.3	145.8	218.8
44	6.8	9.0	13.4#

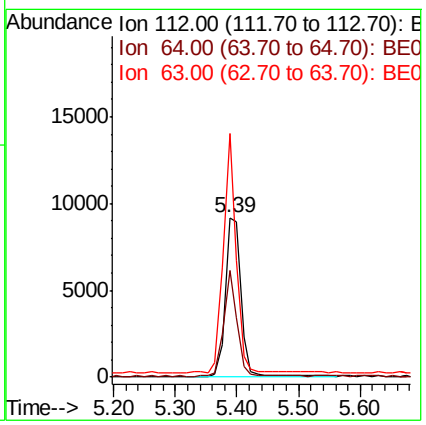


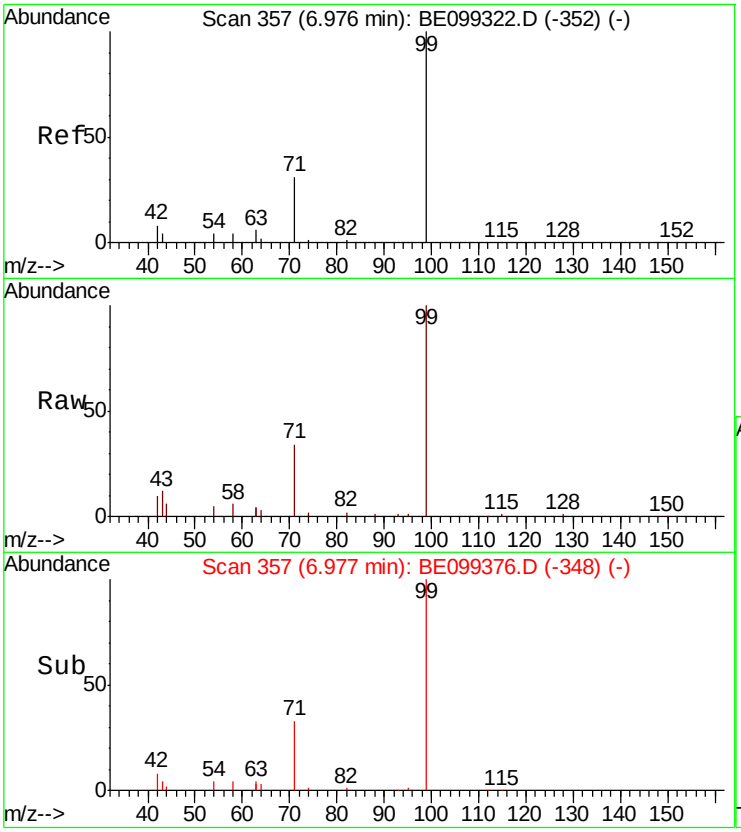


#4
2-Fluorophenol
Concen: 2.845 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:112 Resp: 15775

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.9	67.3
63	124.0	97.4	146.0



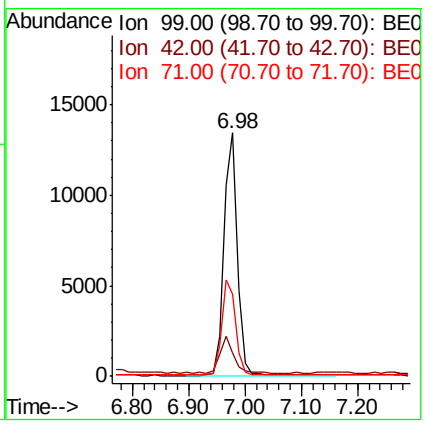


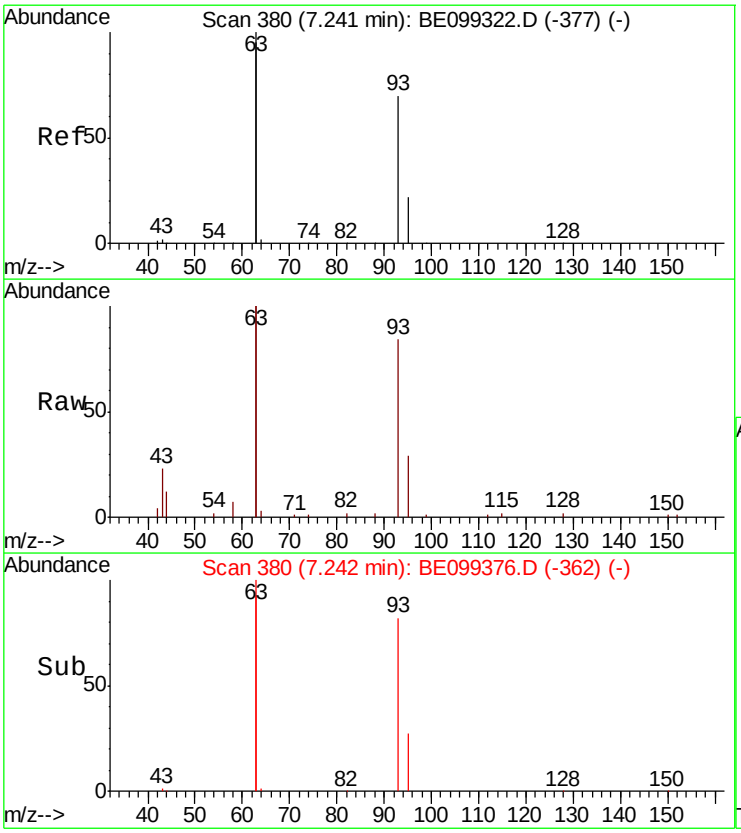
#5
Phenol-d6
Concen: 2.822 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion: 99 Resp: 22326

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.7	17.5
71	40.0	29.6	44.4

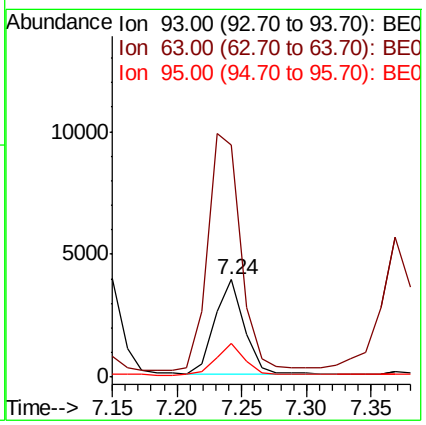


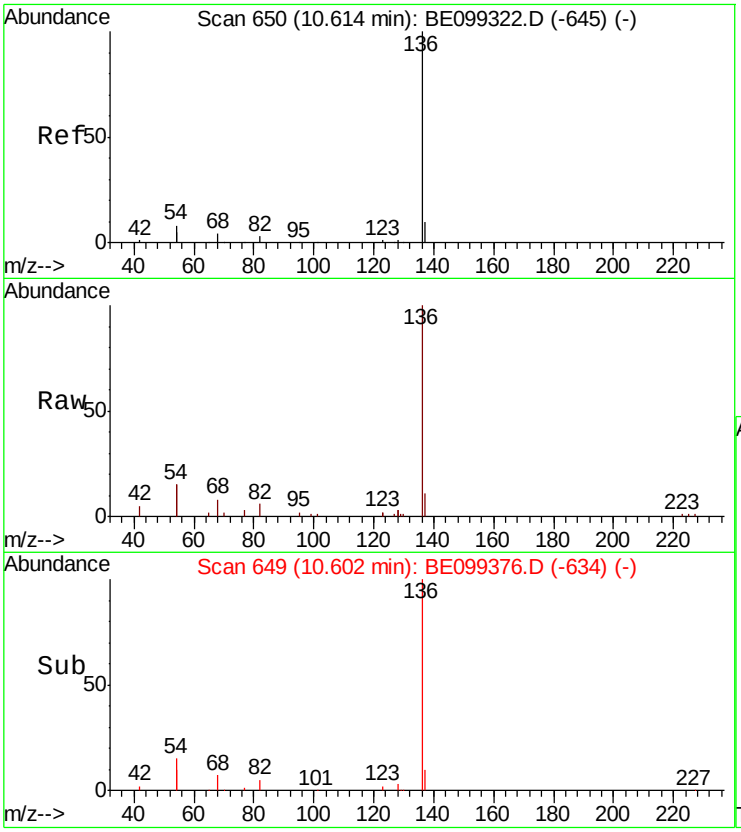


#6
bis(2-Chloroethyl)ether
Concen: 0.830 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion: 93 Resp: 6124

Ion	Ratio	Lower	Upper
93	100		
63	279.8	216.6	324.8
95	32.4	25.8	38.6



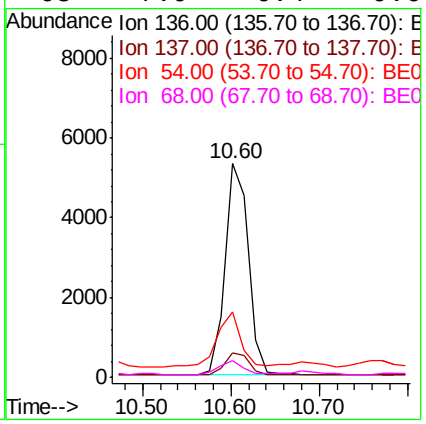


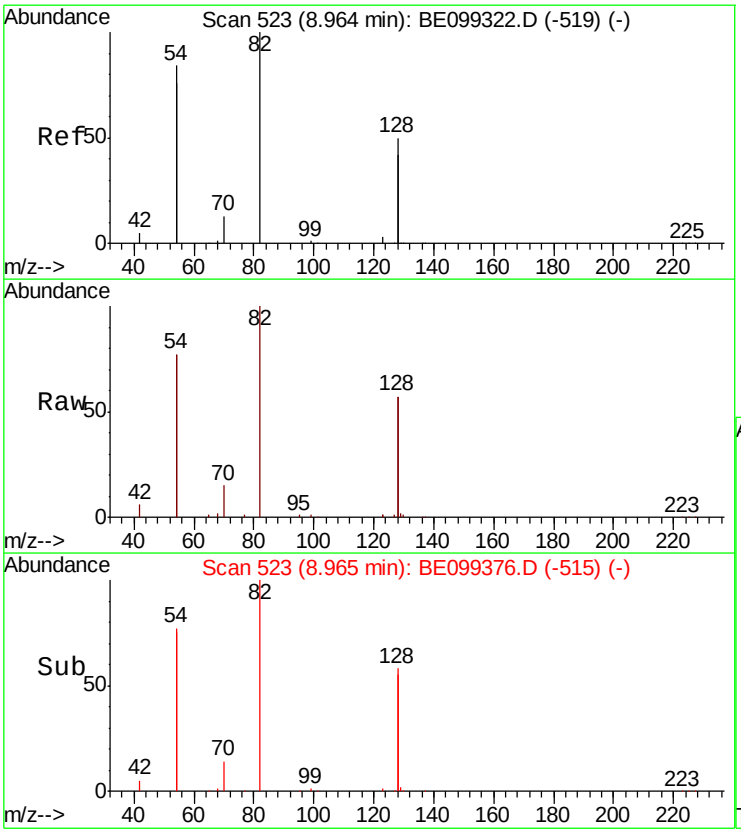
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:136 Resp: 9739

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	30.5	23.8	35.8
68	7.9	6.4	9.6

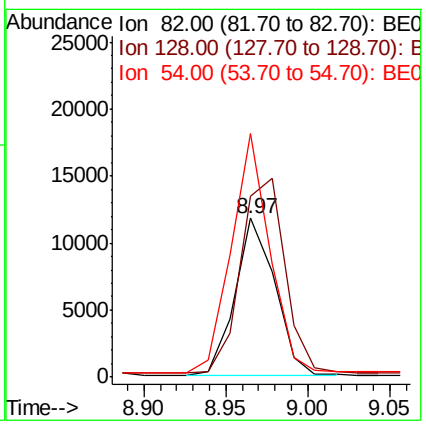


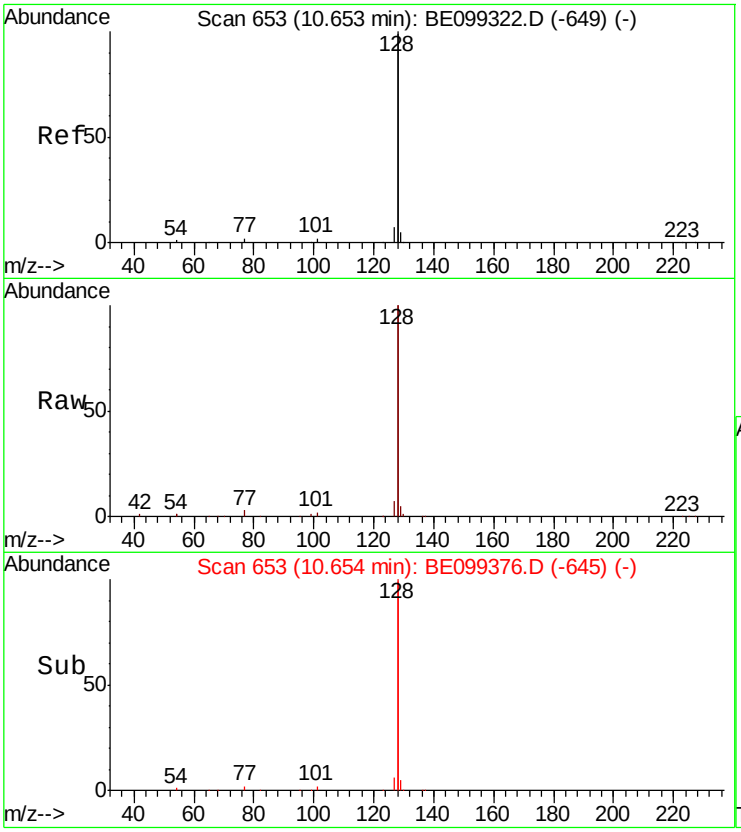


#8
Nitrobenzene-d5
Concen: 2.649 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion: 82 Resp: 20029

Ion	Ratio	Lower	Upper
82	100		
128	114.2	91.7	137.5
54	153.2	122.8	184.2



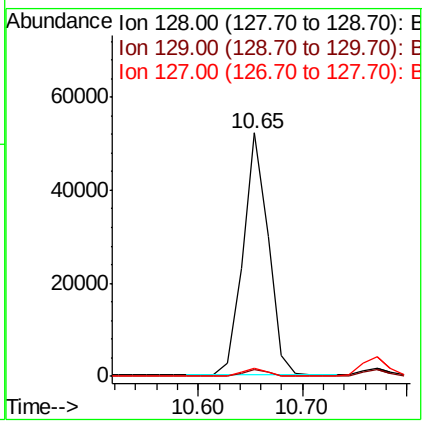


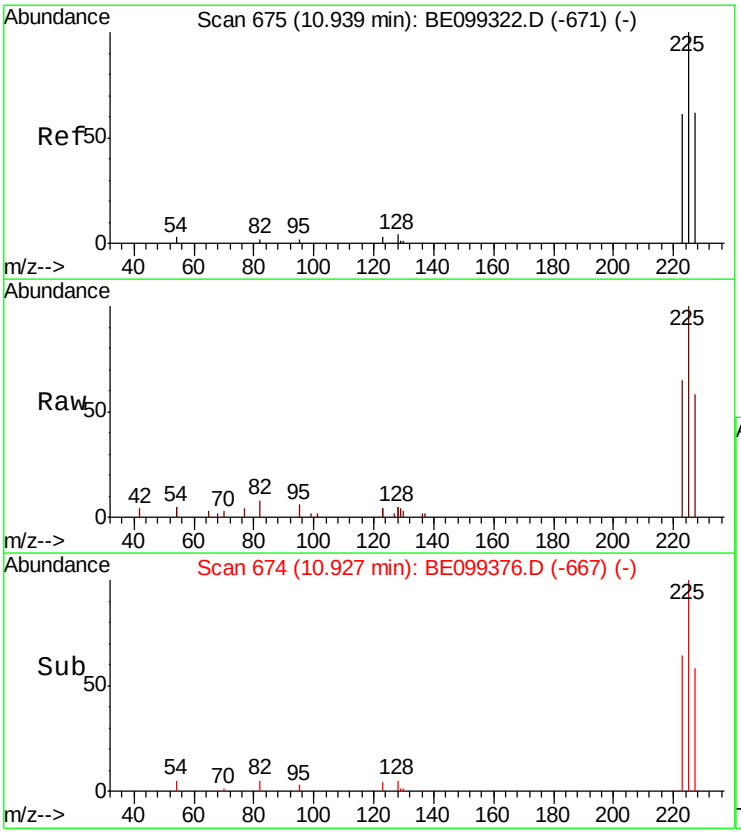
#9
Naphthalene
Concen: 0.822 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:128 Resp: 87386

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.3	2.8	4.2

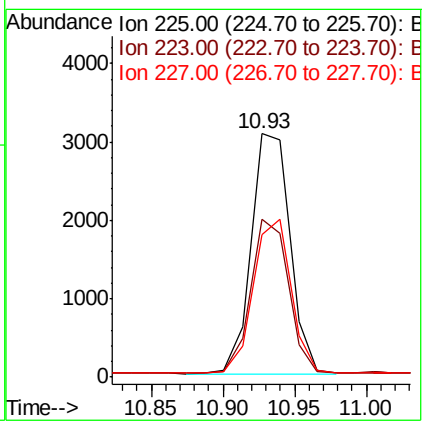


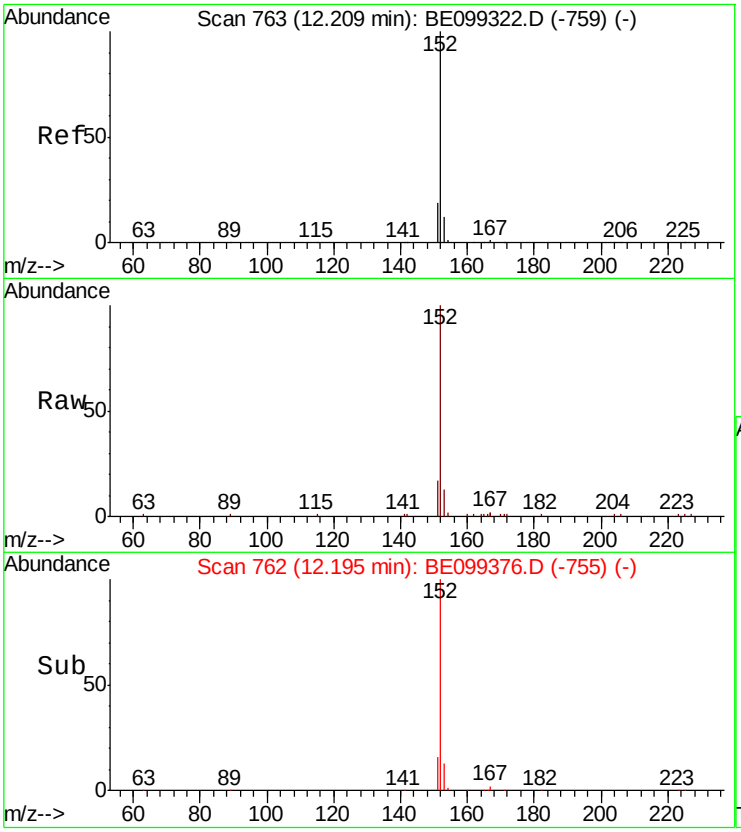


#10
Hexachlorobutadiene
Concen: 0.853 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:225 Resp: 5757

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.3	75.5
227	62.6	49.4	74.0



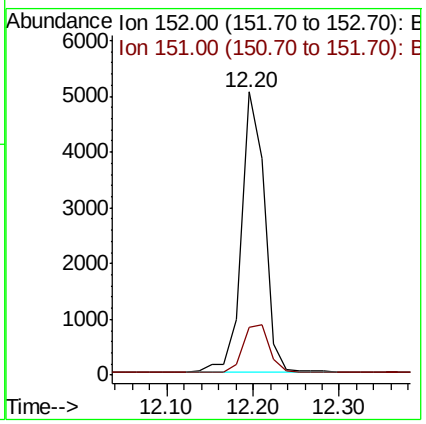


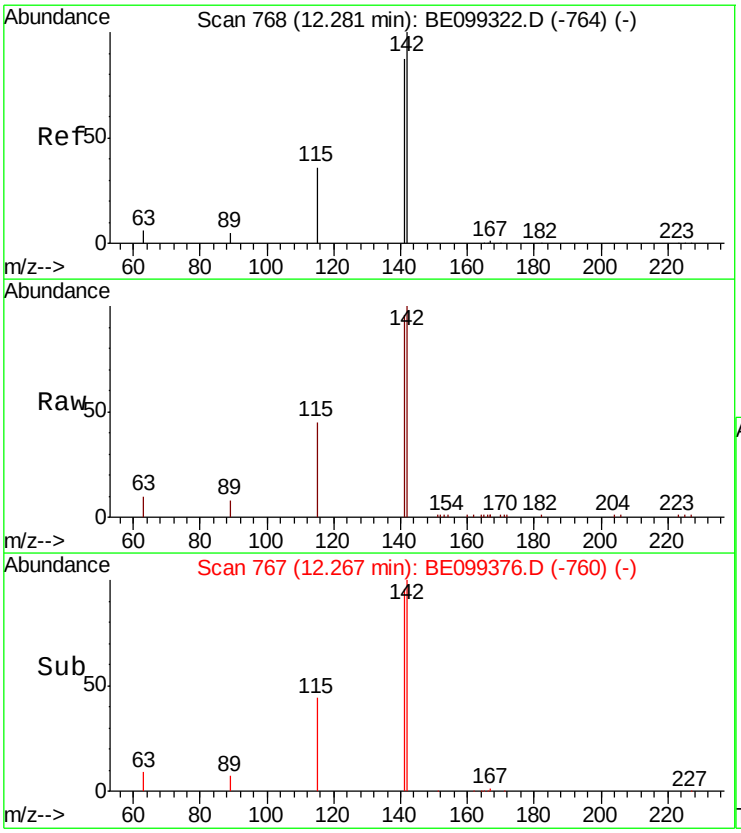
#11
2-Methylnaphthalene-d10
Concen: 0.536 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:152 Resp: 9216

Ion	Ratio	Lower	Upper
152	100		
151	19.9	14.9	22.3

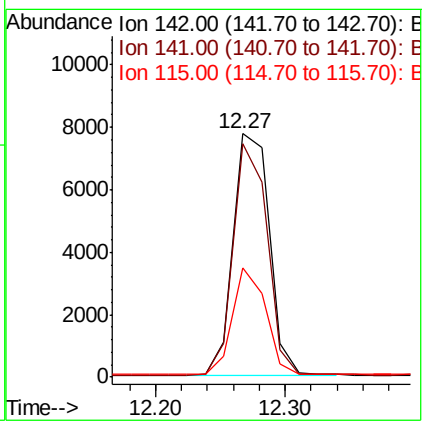


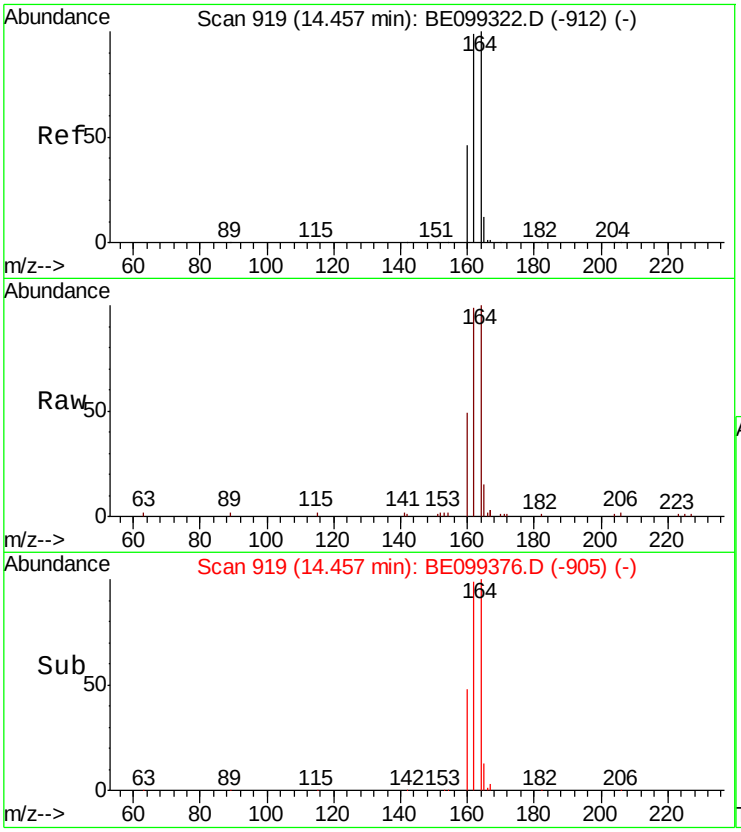


#12
2-Methylnaphthalene
Concen: 0.824 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:142 Resp: 14896

Ion	Ratio	Lower	Upper
142	100		
141	95.8	72.0	108.0
115	44.9	33.4	50.0



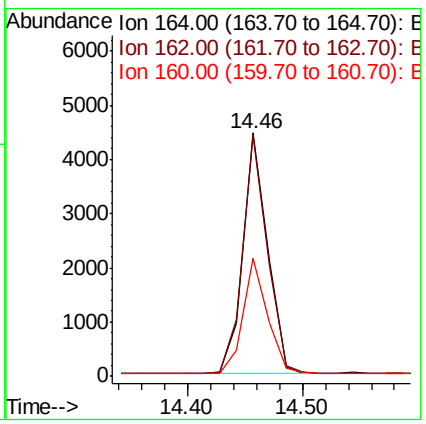


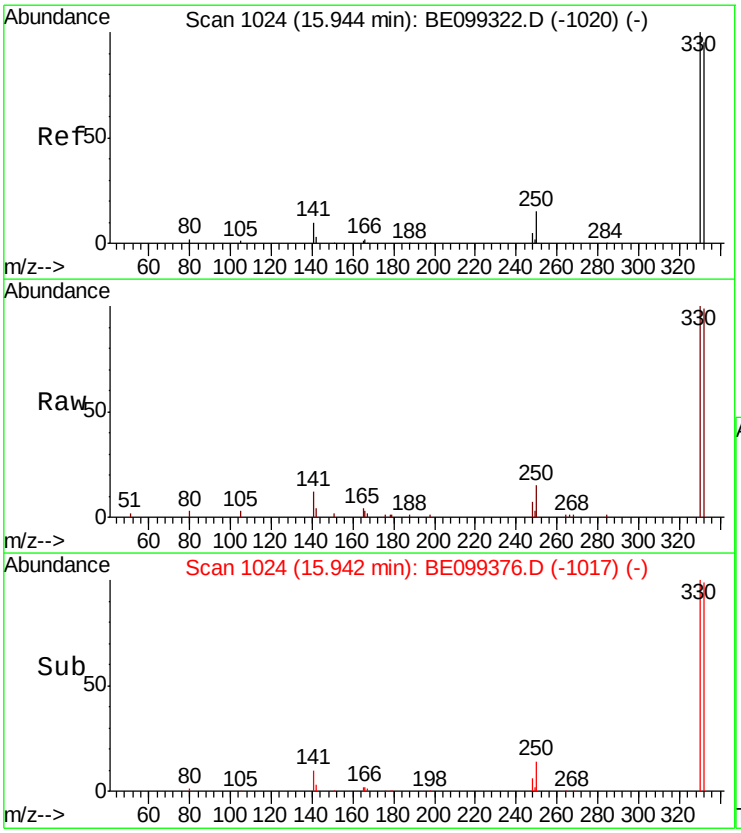
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:164 Resp: 6530

Ion	Ratio	Lower	Upper
164	100		
162	99.2	77.8	116.6
160	48.5	37.1	55.7

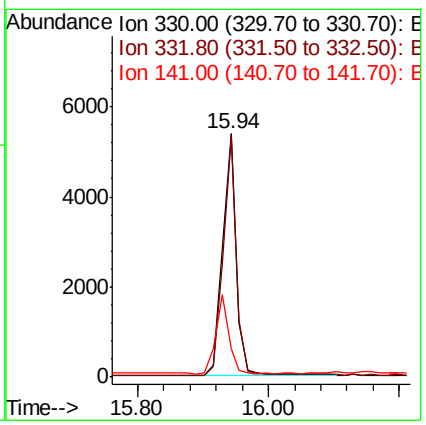


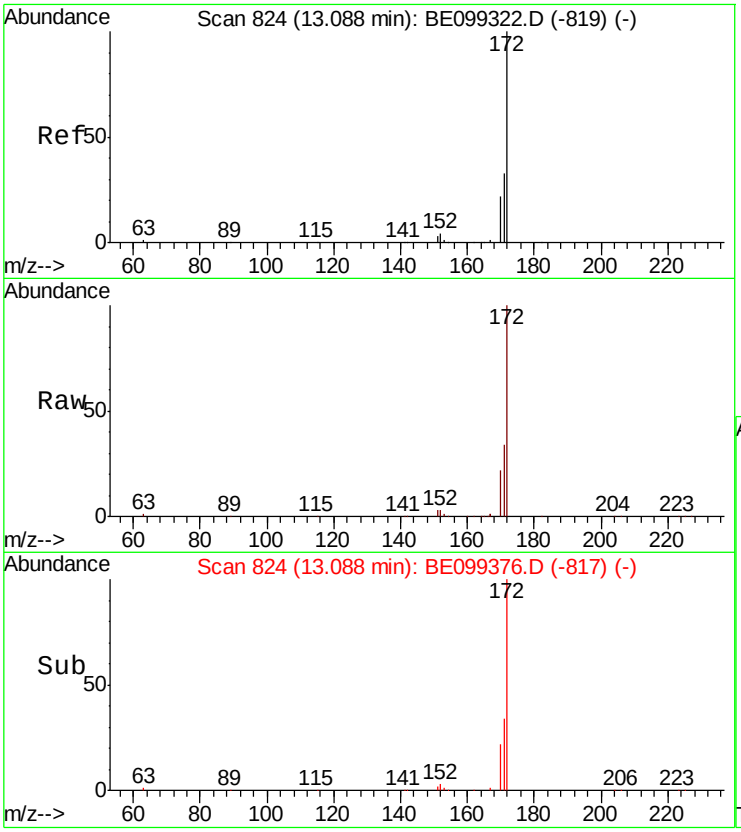


#14
2,4,6-Tribromophenol
Concen: 3.642 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:330 Resp: 7900

Ion	Ratio	Lower	Upper
330	100		
332	95.3	82.5	123.7
141	31.5	24.9	37.3



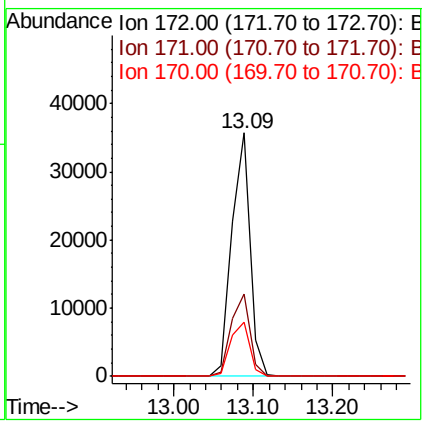


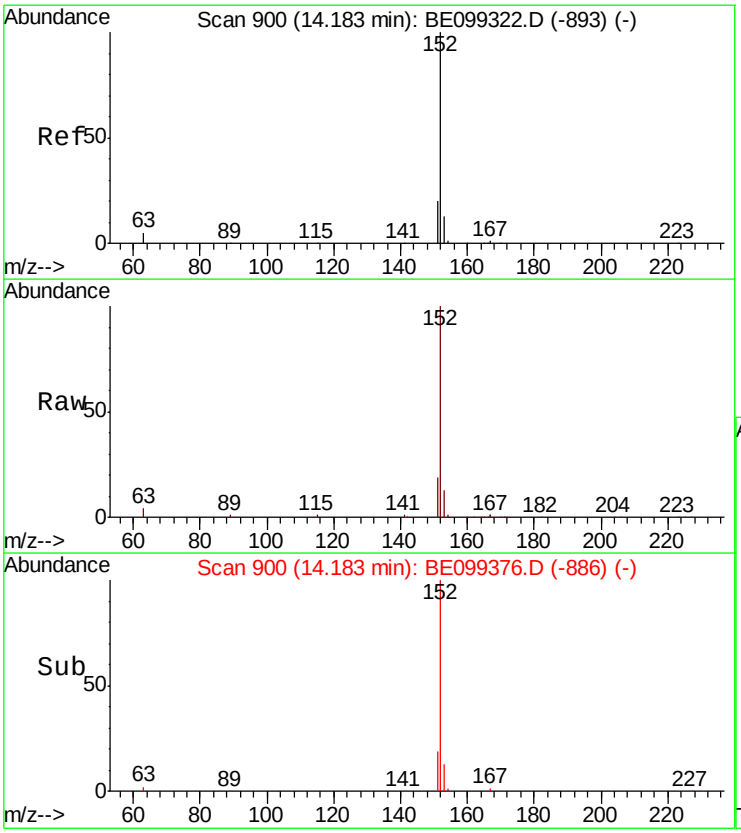
#15
2-Fluorobiphenyl
Concen: 2.206 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:172 Resp: 56621

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	22.4	18.1	27.1

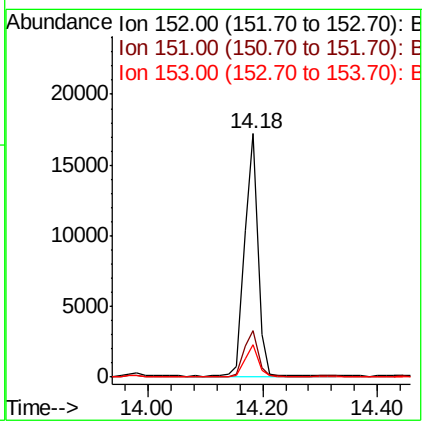


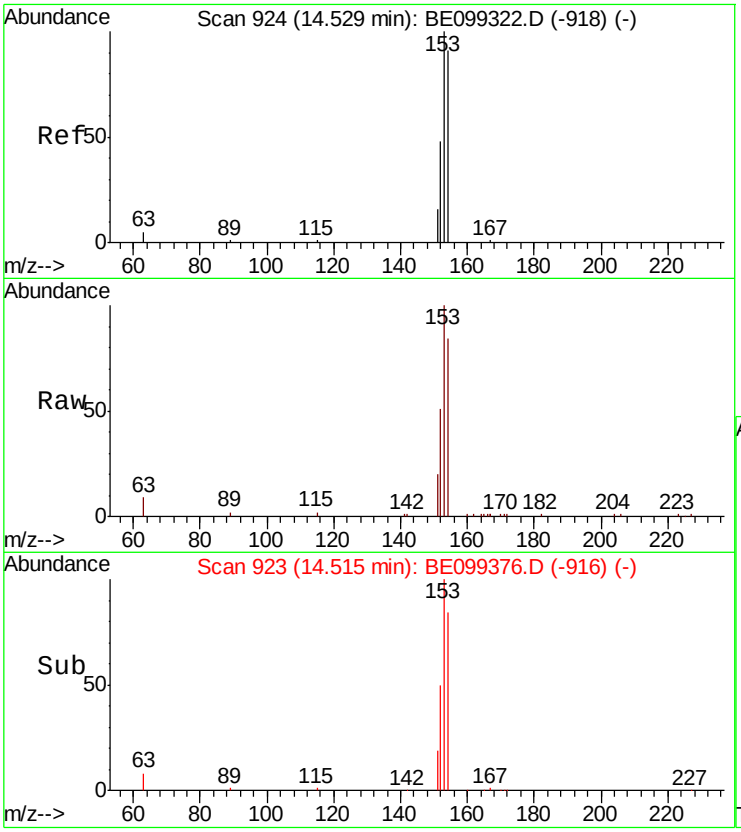


#16
Acenaphthylene
Concen: 0.928 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:152 Resp: 27377

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.1	10.2	15.4



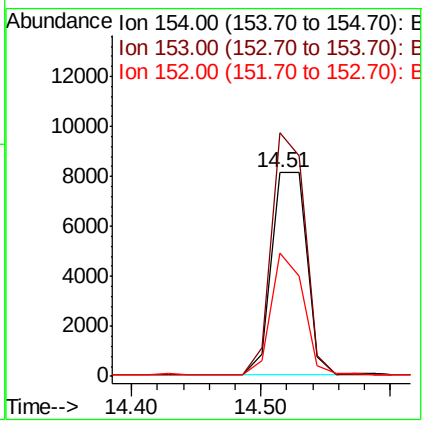


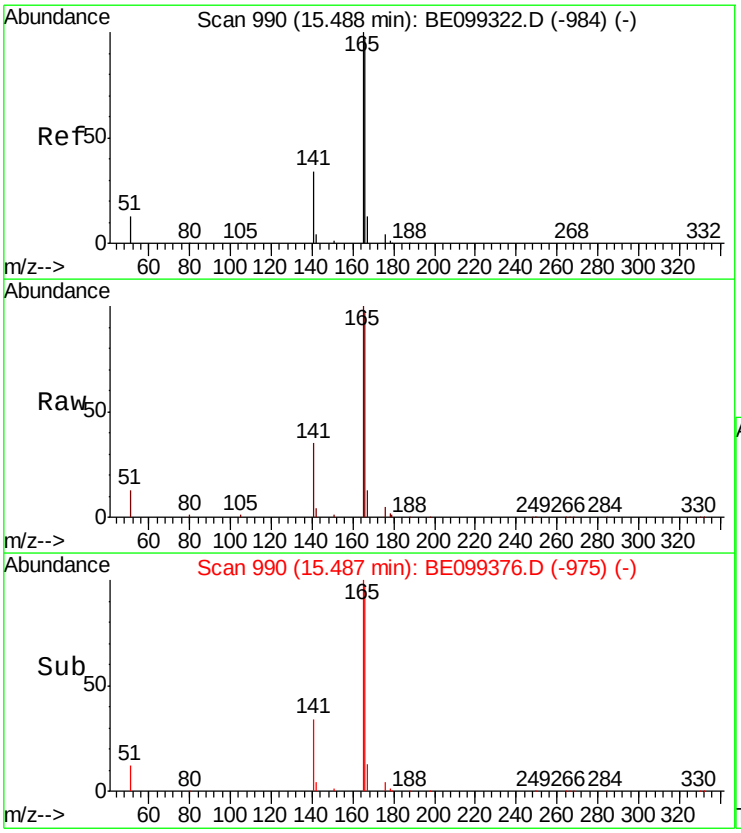
#17
Acenaphthene
Concen: 0.845 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:154 Resp: 15374

Ion	Ratio	Lower	Upper
154	100		
153	114.0	94.7	142.1
152	55.0	46.4	69.6

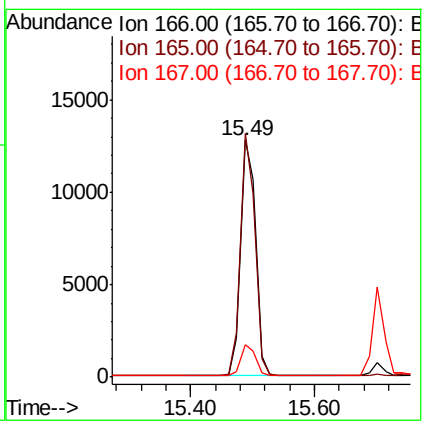


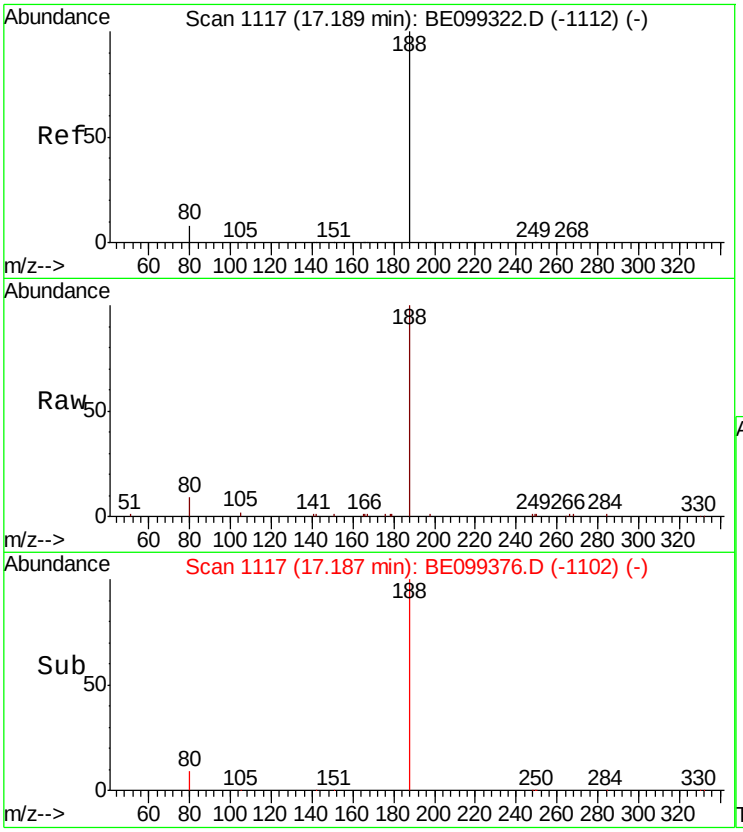


#18
Fluorene
Concen: 0.823 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:166 Resp: 21494

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	12.9	11.0	16.4



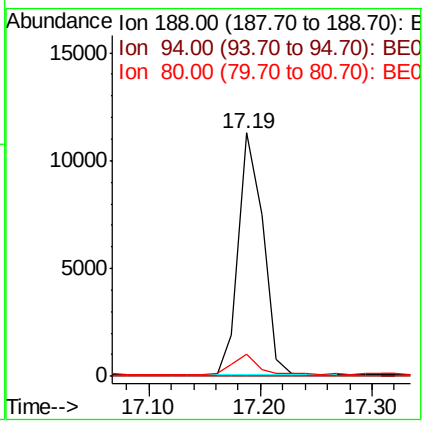


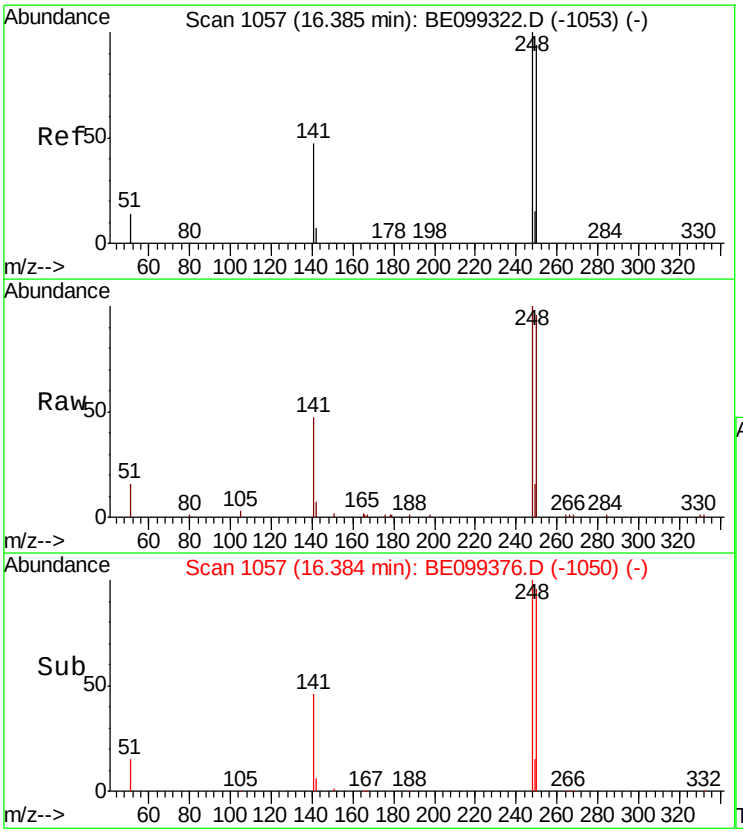
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:188 Resp: 17251

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

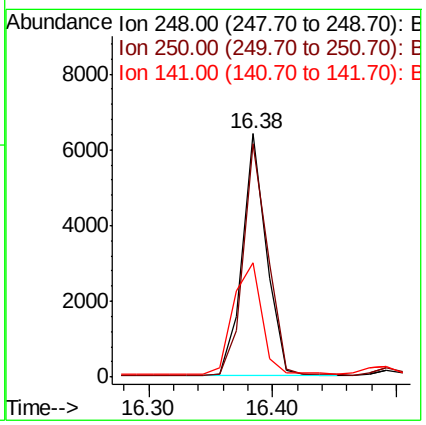


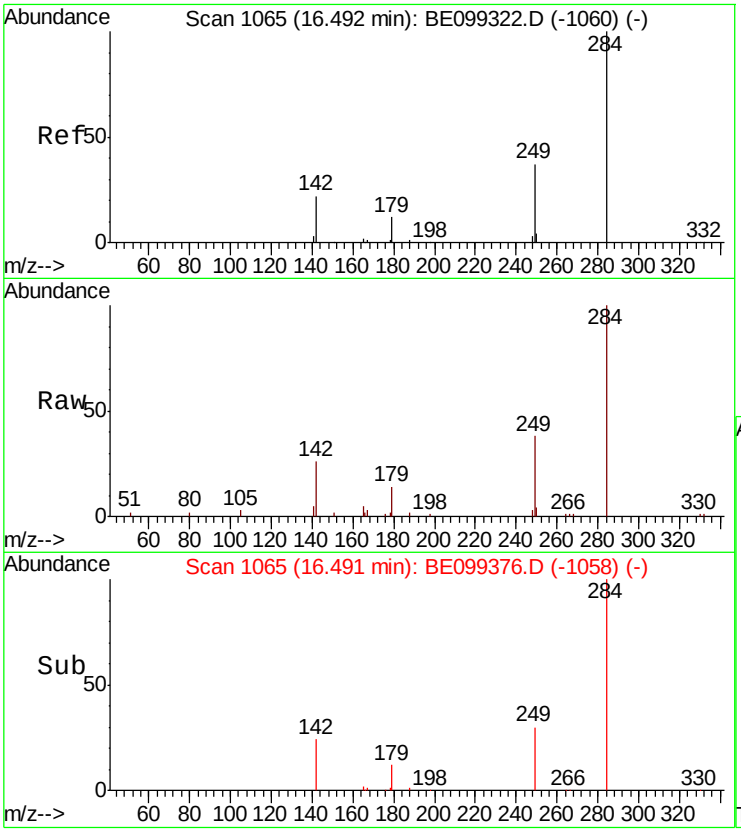


#20
4-Bromophenyl-phenylether
Concen: 0.897 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:248 Resp: 8571

Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.0	115.6
141	47.0	31.1	46.7#



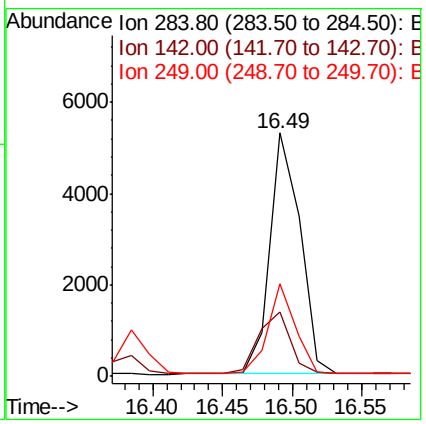


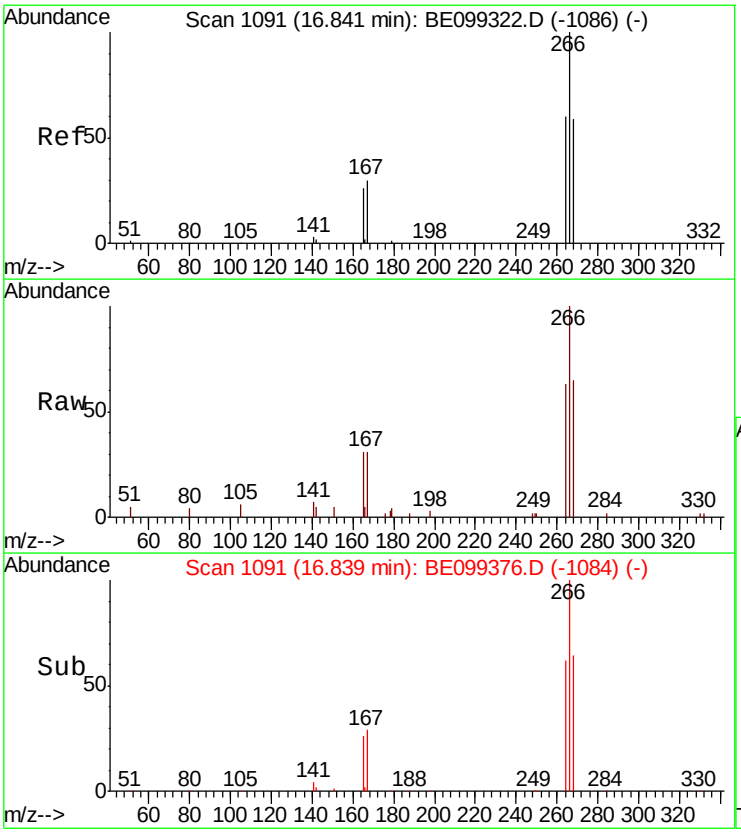
#21
Hexachlorobenzene
Concen: 0.872 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:284 Resp: 8011

Ion	Ratio	Lower	Upper
284	100		
142	26.7	21.8	32.6
249	33.7	26.2	39.4

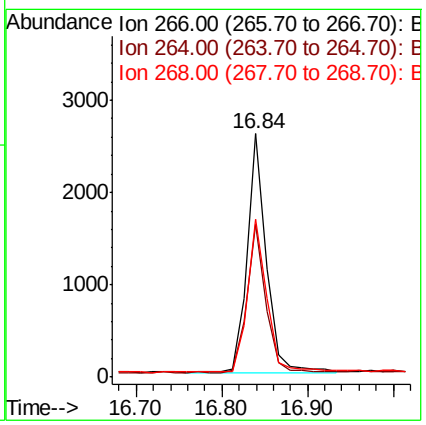


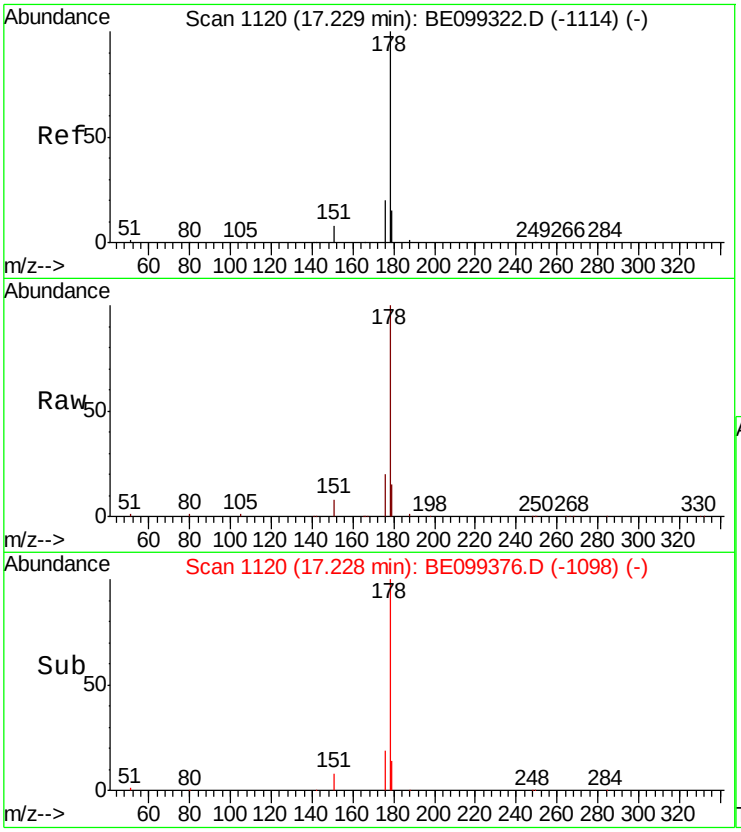


#22
Pentachlorophenol
Concen: 1.286 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:266 Resp: 3954

Ion	Ratio	Lower	Upper
266	100		
264	62.7	54.5	81.7
268	64.8	54.3	81.5



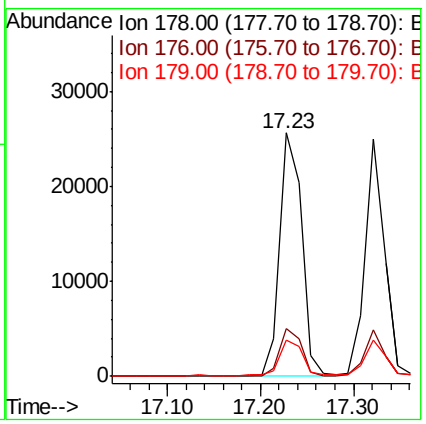


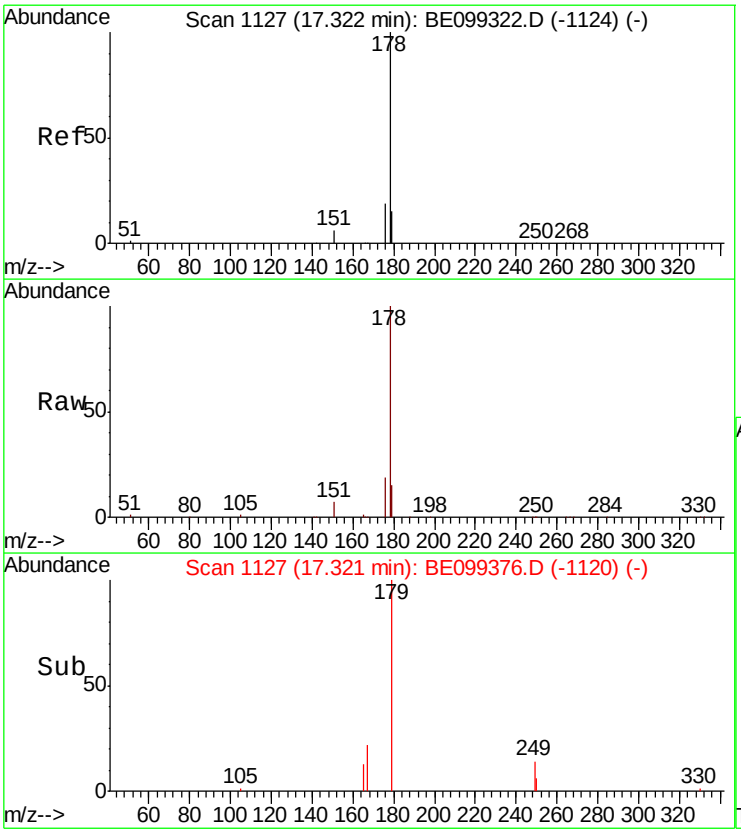
#23
Phenanthrene
Concen: 0.920 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:178 Resp: 42012

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	14.8	12.4	18.6

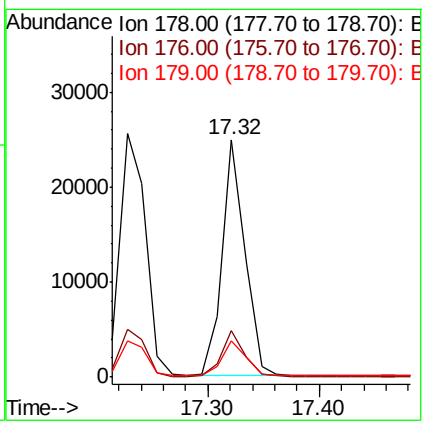


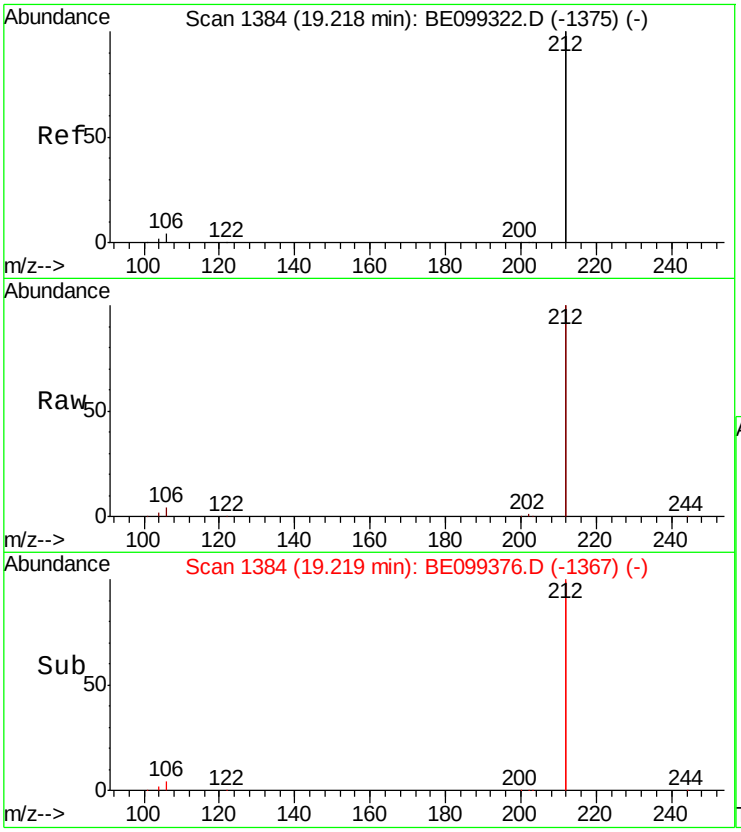


#24
Anthracene
Concen: 0.878 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:178 Resp: 35689

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.0	11.9	17.9



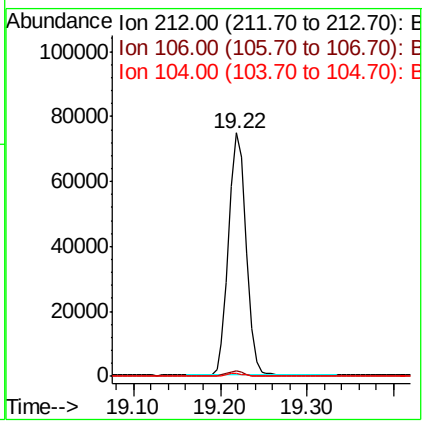


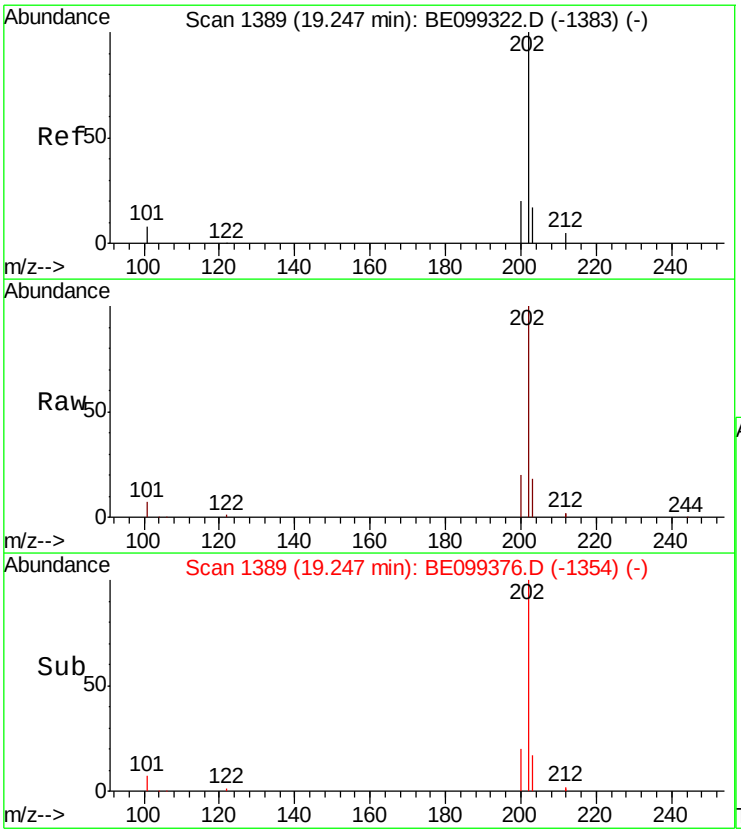
#25
Fluoranthene-d10
Concen: 0.498 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:212 Resp: 103302

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.8	2.6
104	1.1	1.0	1.4

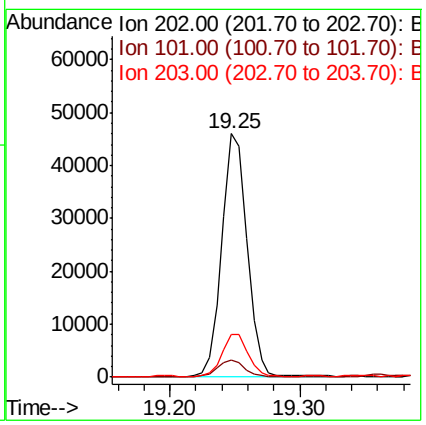


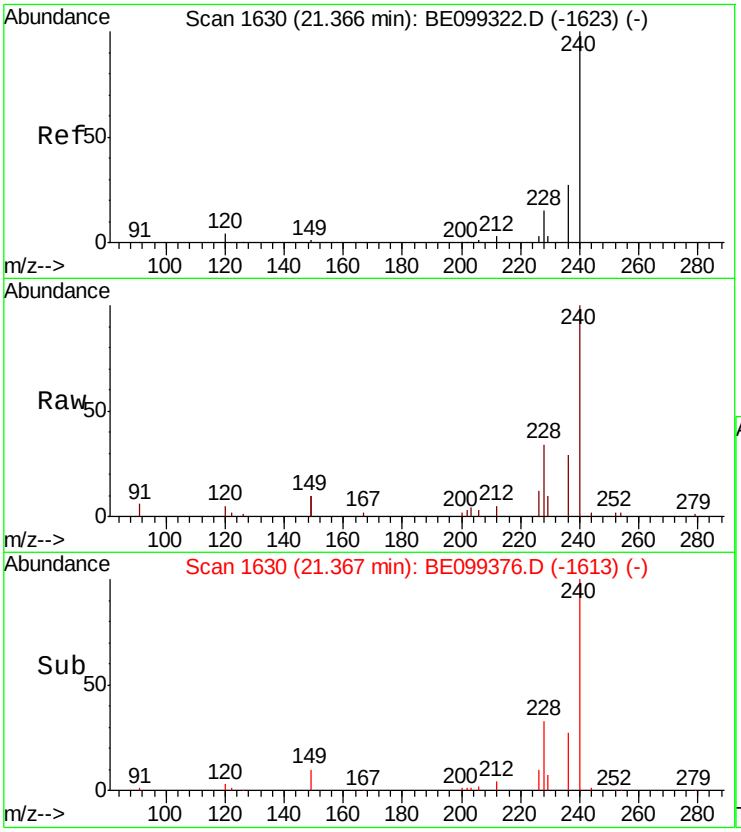


#26
Fluoranthene
Concen: 1.011 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:202 Resp: 61840

Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.4	9.6
203	17.4	13.5	20.3



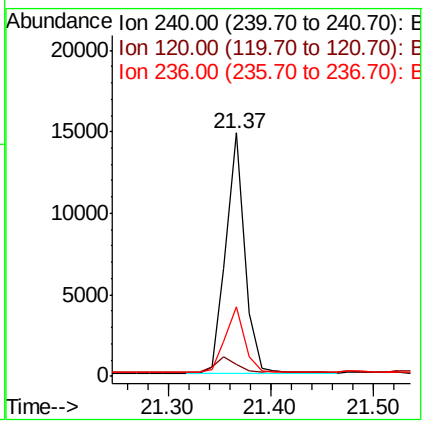


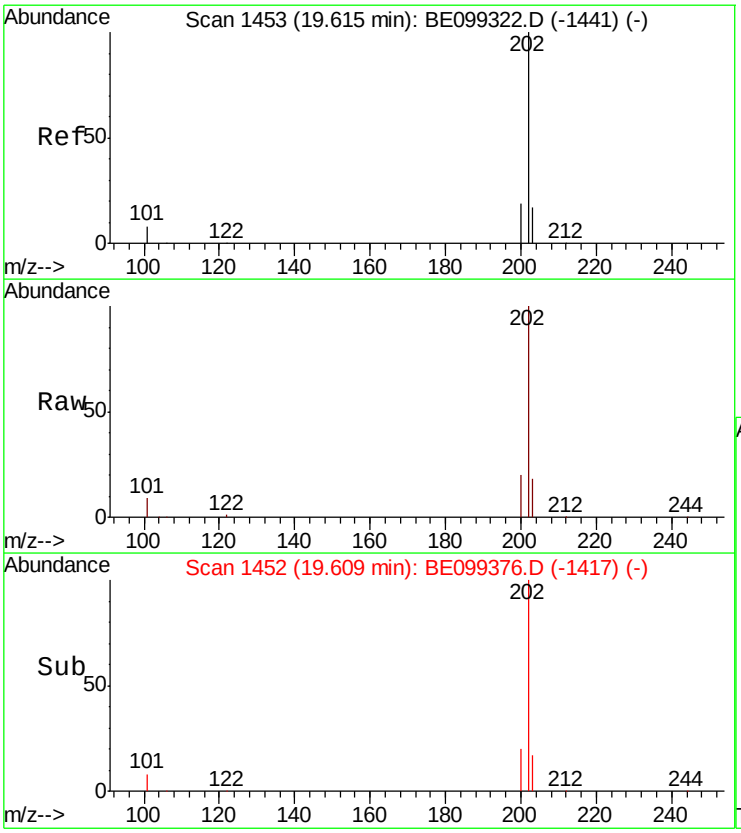
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:240 Resp: 19087

Ion	Ratio	Lower	Upper
240	100		
120	4.8	2.2	3.2#
236	28.5	20.2	30.4

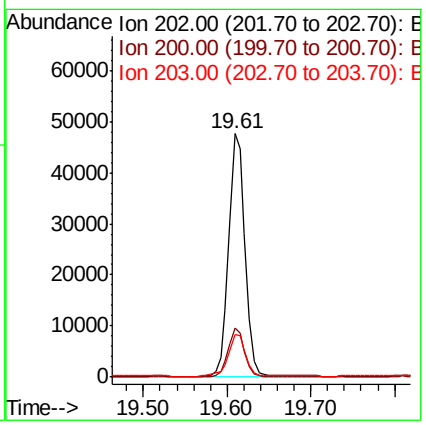


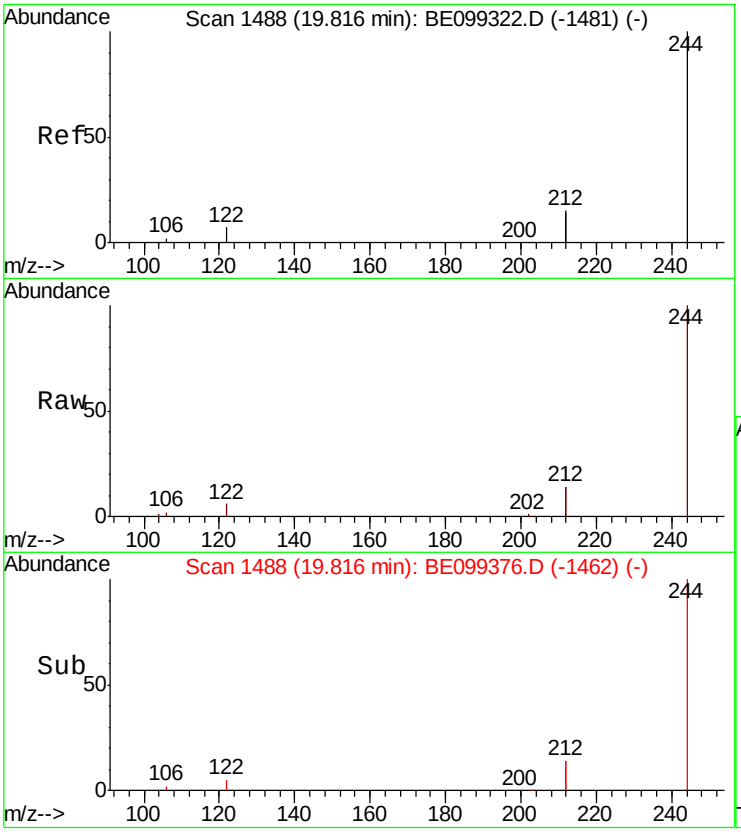


#28
Pyrene
Concen: 1.141 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:202 Resp: 64187

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



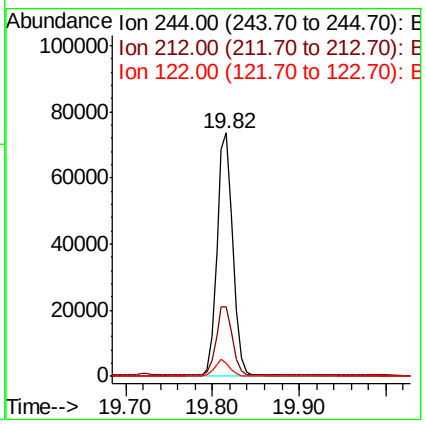


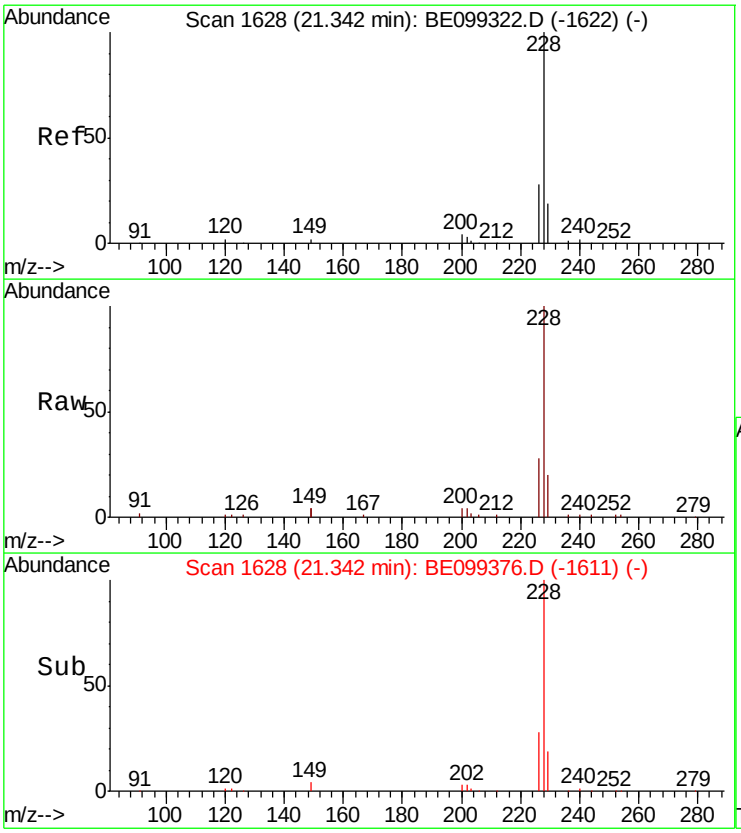
#29
Terphenyl-d14
Concen: 2.506 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:244 Resp: 94137

Ion	Ratio	Lower	Upper
244	100		
212	28.8	22.6	33.8
122	5.6	4.6	7.0

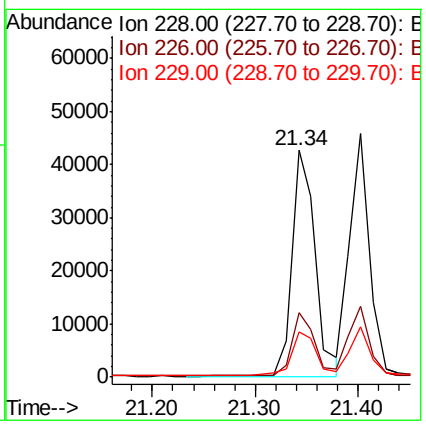


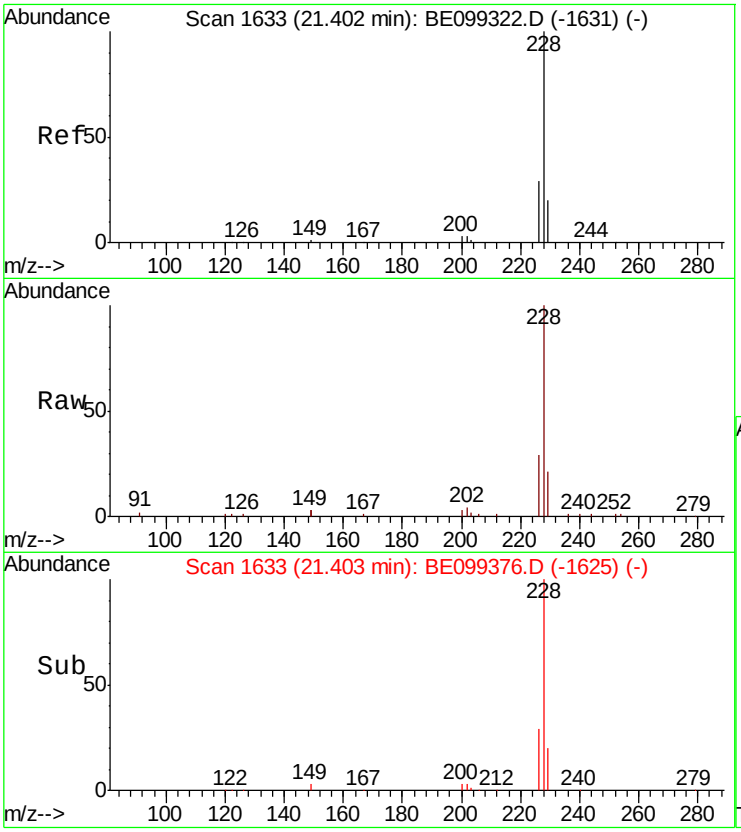


#30
Benzo(a)anthracene
Concen: 1.188 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:228 Resp: 66671

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.0	33.0
229	20.2	15.8	23.8



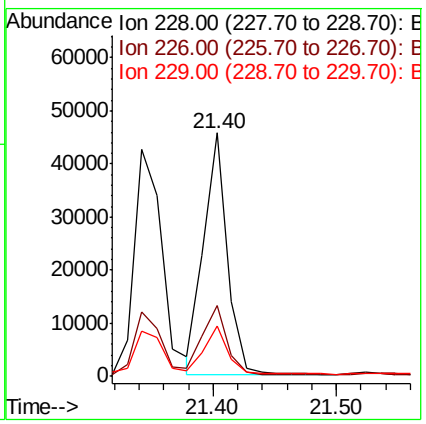


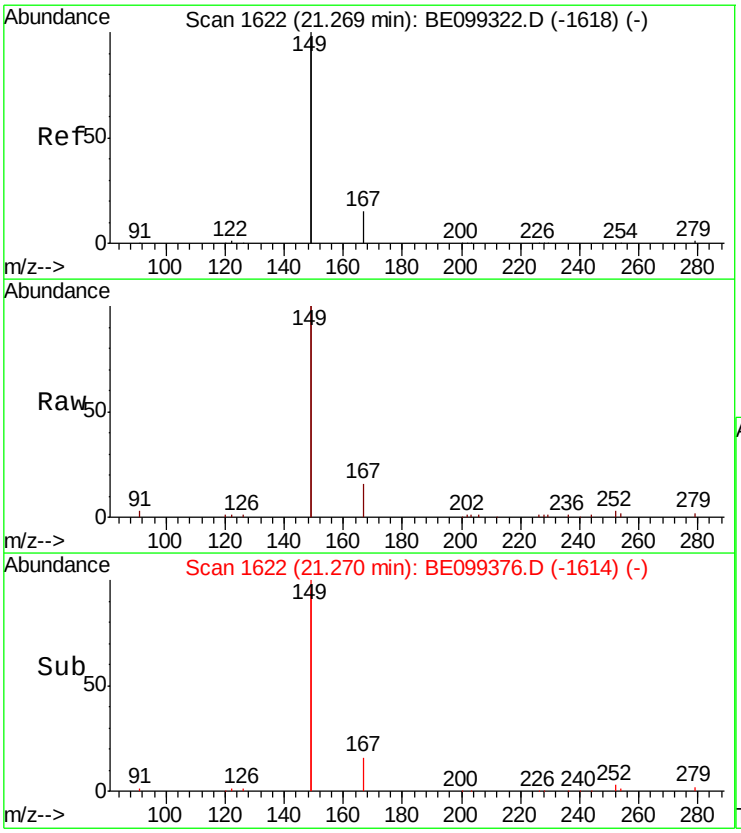
#31
Chrysene
Concen: 1.013 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:228 Resp: 60495

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	20.8	16.2	24.2

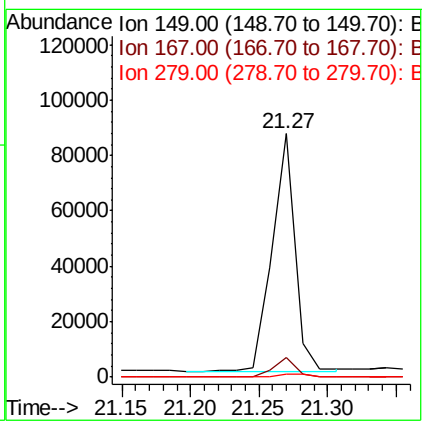


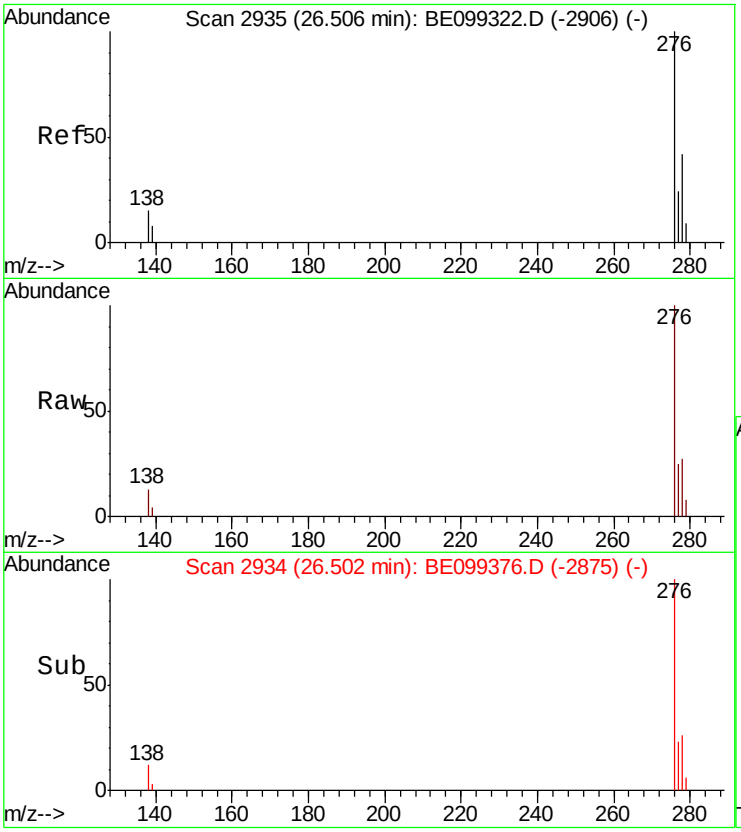


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.937 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:149 Resp: 98919

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



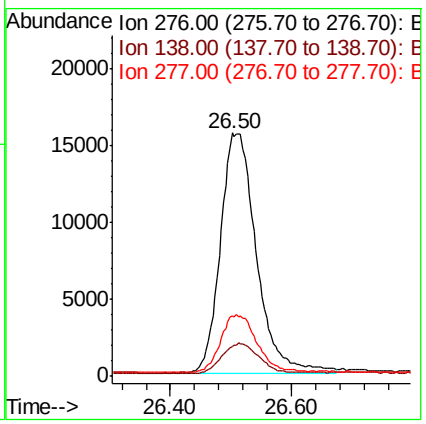


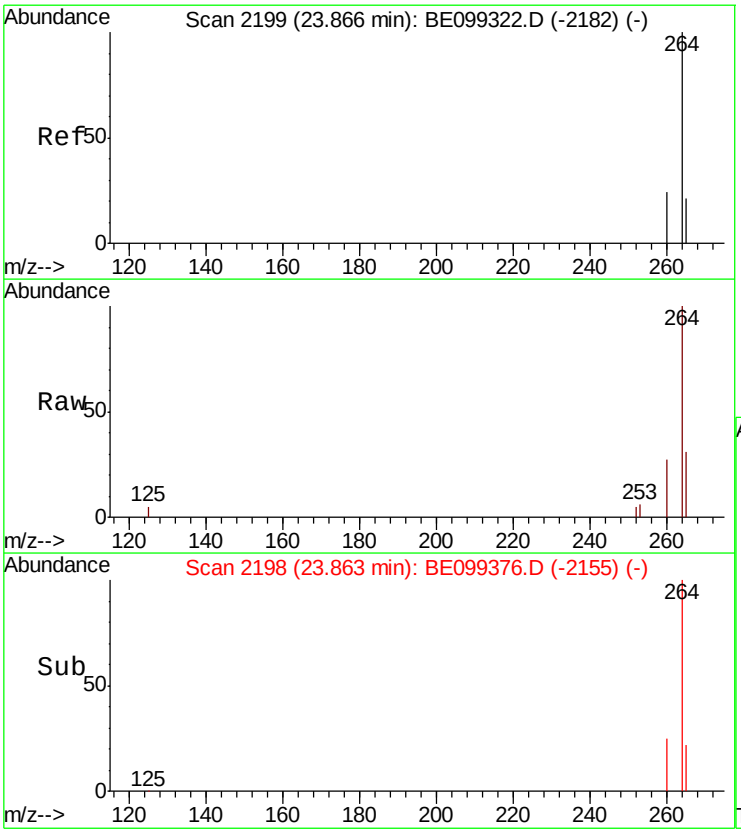
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.089 ng
RT: 26.50 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:276 Resp: 64241

Ion	Ratio	Lower	Upper
276	100		
138	13.0	12.7	19.1
277	24.2	19.6	29.4

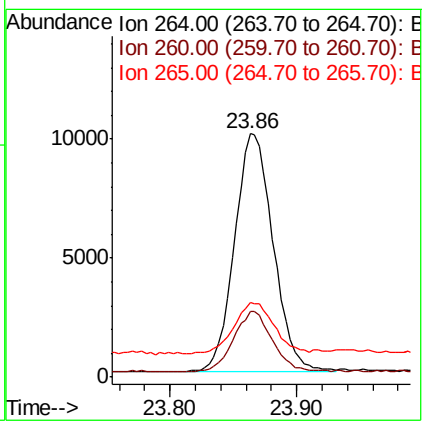


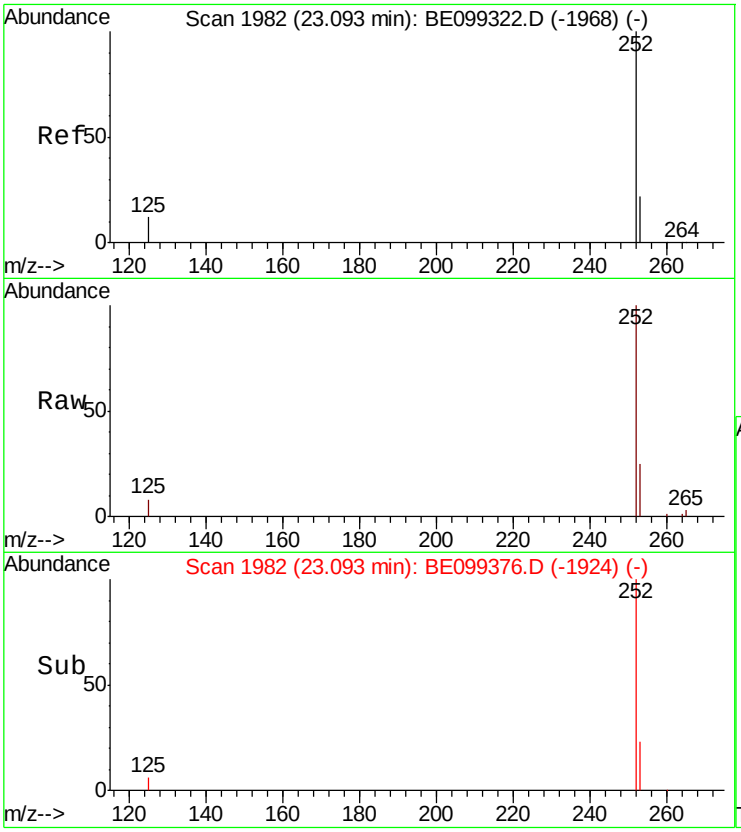


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:264 Resp: 21425

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.1	30.1
265	30.9	19.9	29.9#



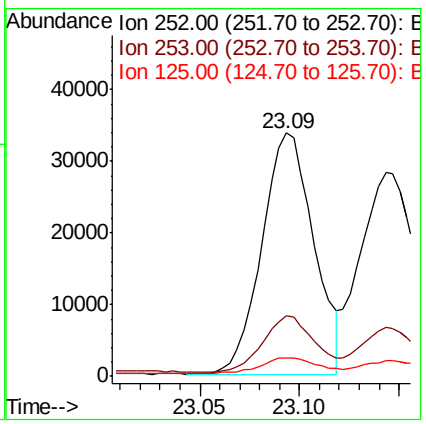


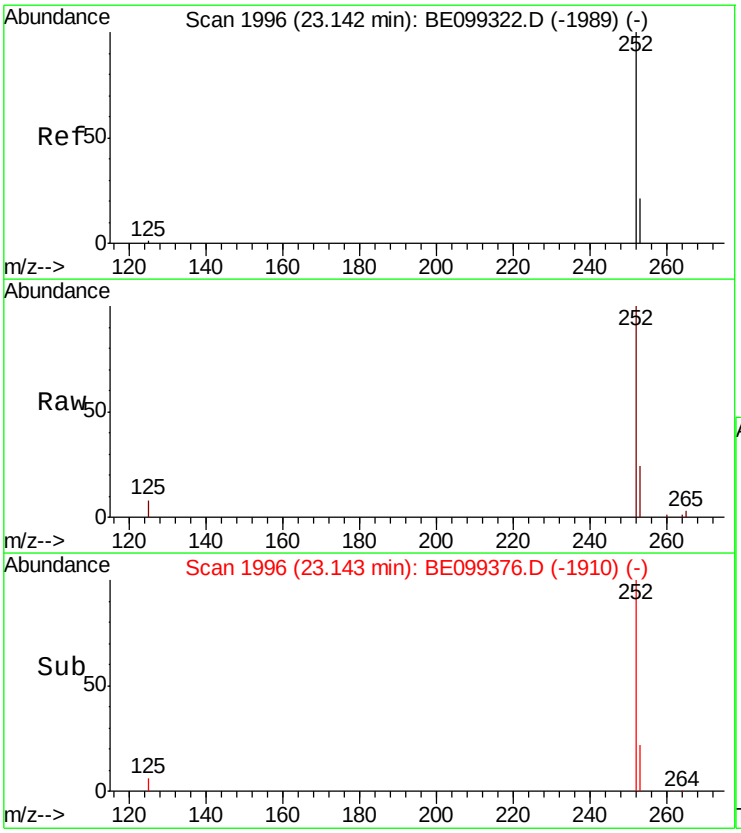
#35
Benzo(b)fluoranthene
Concen: 0.925 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:252 Resp: 60696

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	7.7	5.8	8.6

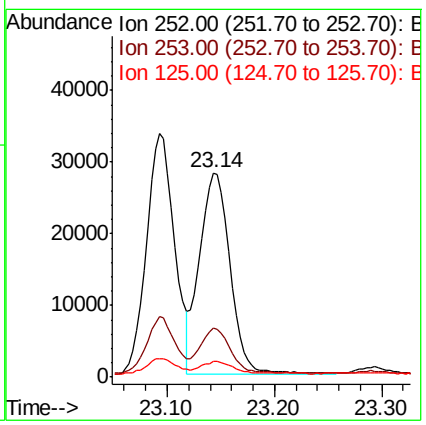


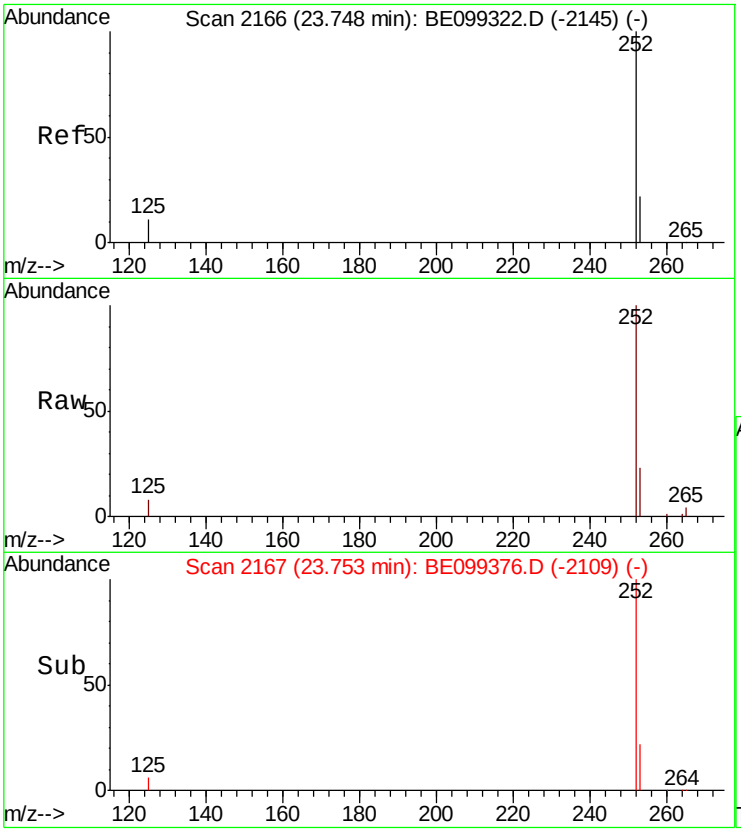


#36
Benzo(k)fluoranthene
Concen: 0.856 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:252 Resp: 55959

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	7.6	5.4	8.0



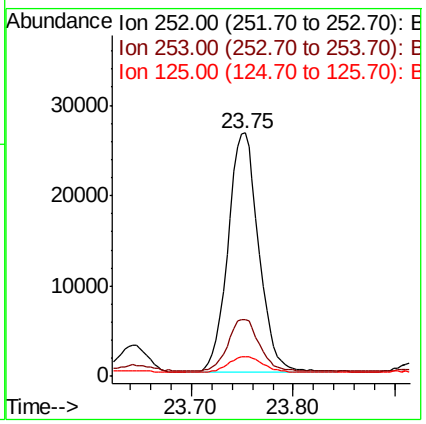


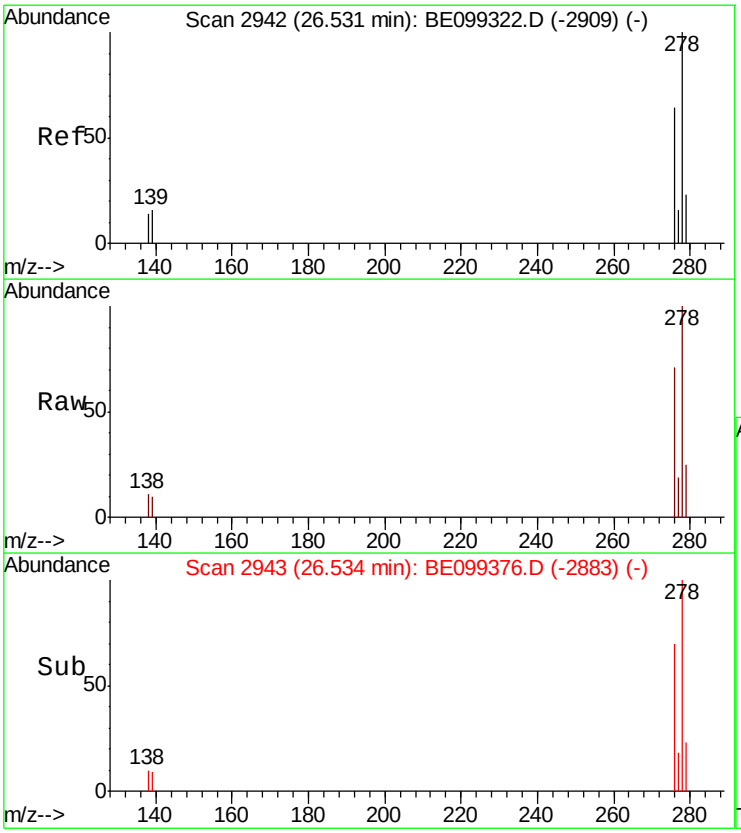
#37
Benzo(a)pyrene
Concen: 0.950 ng
RT: 23.75 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:252 Resp: 55836

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	8.2	6.5	9.7

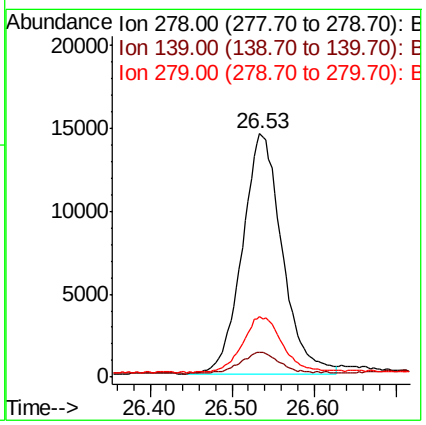


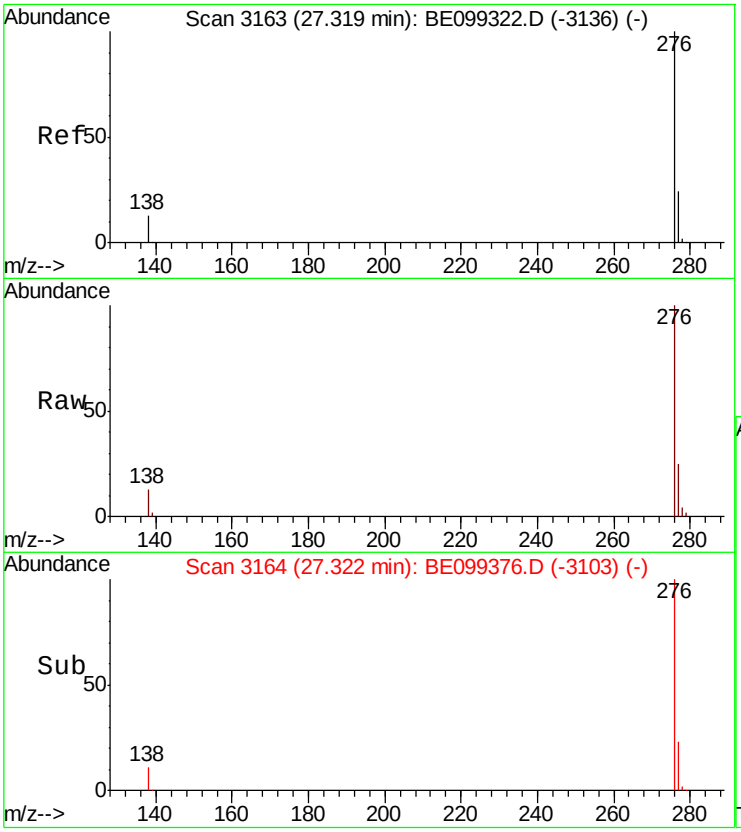


#38
Dibenzo(a,h)anthracene
Concen: 0.816 ng
RT: 26.53 min Scan# 2943
Delta R.T. 0.01 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Tgt Ion:278 Resp: 48987

Ion	Ratio	Lower	Upper
278	100		
139	10.0	8.5	12.7
279	24.8	19.8	29.8





#39
Benzo(g,h,i)perylene
Concen: 0.875 ng
RT: 27.32 min Scan# 3164
Delta R.T. 0.02 min
Lab File: BE099376.D
Acq: 26 Apr 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PST-028-B010-042219

Tgt Ion:276 Resp: 53314

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.0	30.0
138	12.5	11.1	16.7