Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099520.D
Acq On : 3 May 2019 7:55
Operator : JU/SJ
Sample : K2589-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-SW017-042419

Quant Time: May 03 08:47:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2033	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7427	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5735	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19348	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24215	0.40	ng	0.00
34) Perylene-d12	23.87	264	27929	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3014	0.54	ng	0.00
5) Phenol-d6	6.97	99	4348	0.58	ng	0.00
8) Nitrobenzene-d5	8.96	82	3579	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	6619	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2869	0.79	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	10444	0.48	ng	-0.01
25) Fluoranthene-d10	19.22	212	141682	0.54	ng	0.00
29) Terphenyl-d14	19.82	244	29193	0.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	129	0.046	ng	# 27
3) n-Nitrosodimethylamine	3.62	42	41	0.024	ng	# 3
16) Acenaphthylene	14.18	152	1083	0.039	ng	# 96
22) Pentachlorophenol	16.85	266	65	0.226	ng	# 67
23) Phenanthrene	17.23	178	11372	0.228	ng	99
24) Anthracene	17.32	178	978	0.021	ng	# 88
26) Fluoranthene	19.25	202	29022	0.388	ng	99
28) Pyrene	19.62	202	30631	0.485	ng	96
30) Benzo(a)anthracene	21.40	228	20991	0.272	ng	91
31) Chrysene	21.40	228	20875	0.276	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.35	149	3707	Below Cal		97
33) Indeno(1,2,3-cd)pyrene	26.52	276	11804	0.132	ng	97
35) Benzo(b)fluoranthene	23.10	252	23688	0.294	ng	# 86
36) Benzo(k)fluoranthene	23.10	252	23651	0.305	ng	# 86
37) Benzo(a)pyrene	23.76	252	15957	0.210	ng	# 88
38) Dibenzo(a,h)anthracene	26.53	278	3323	0.043	ng	# 45
39) Benzo(g,h,i)perylene	27.34	276	12114	0.155	ng	# 93

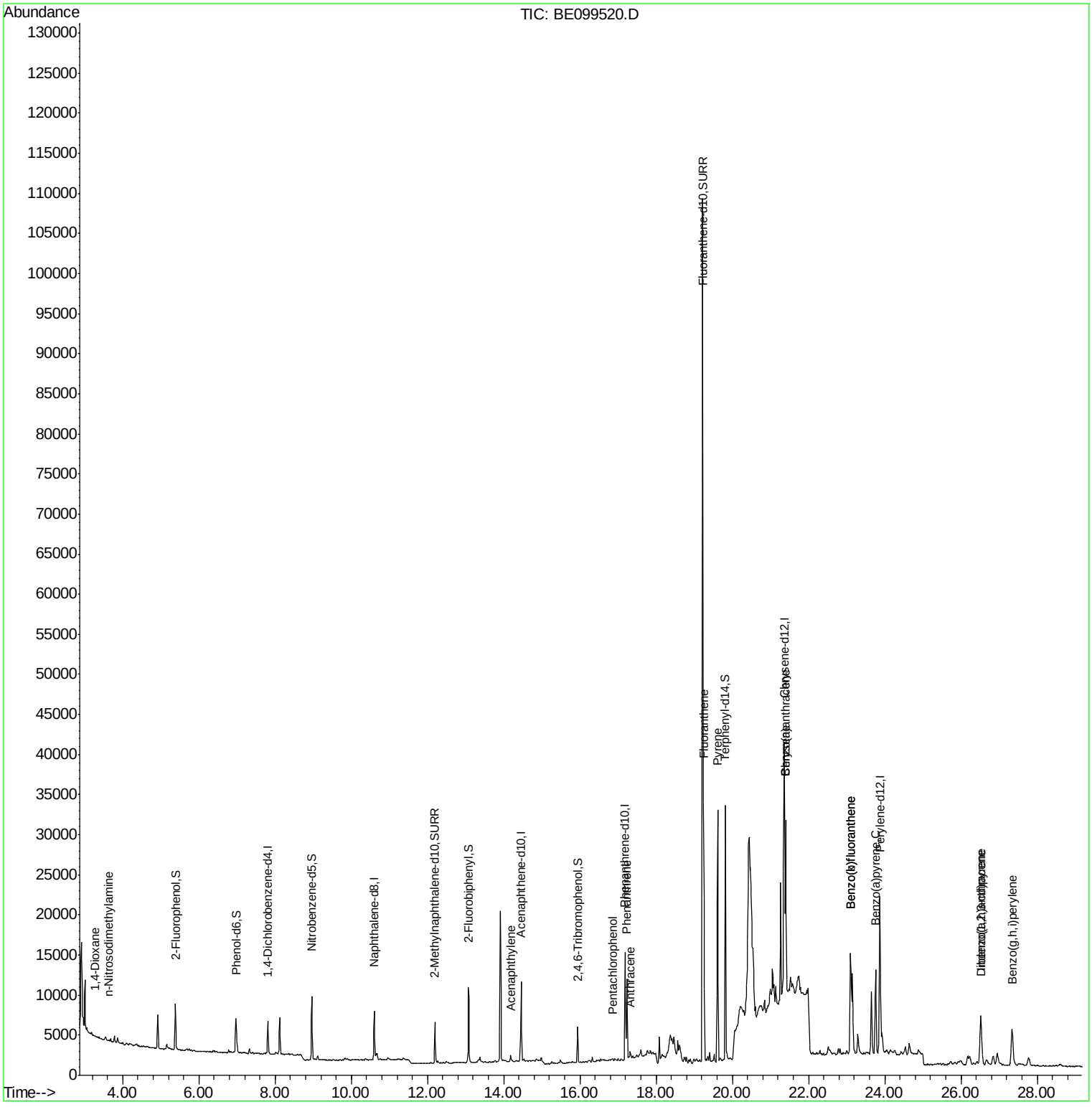
(#) = qualifier out of range (m) = manual integration (+) = signals summed

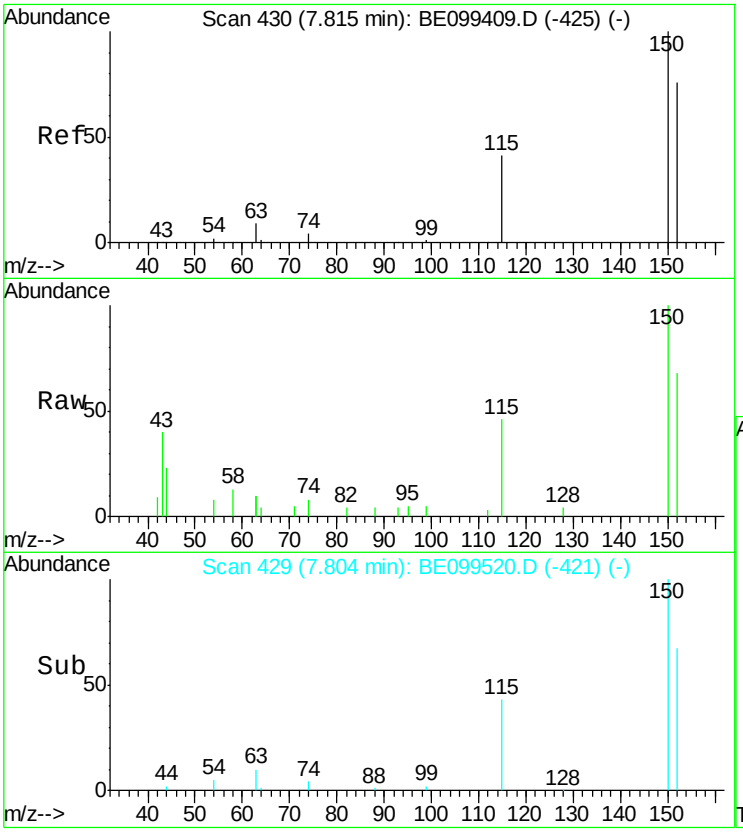
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099520.D
Acq On : 3 May 2019 7:55
Operator : JU/SJ
Sample : K2589-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Quant Time: May 03 08:47:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



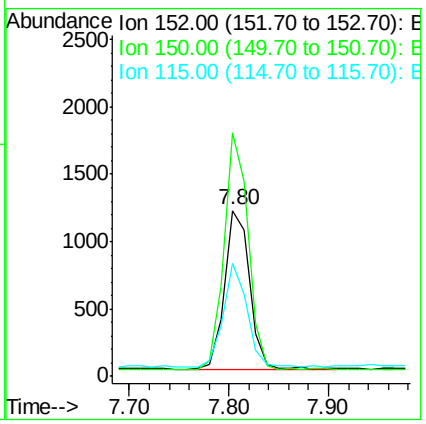


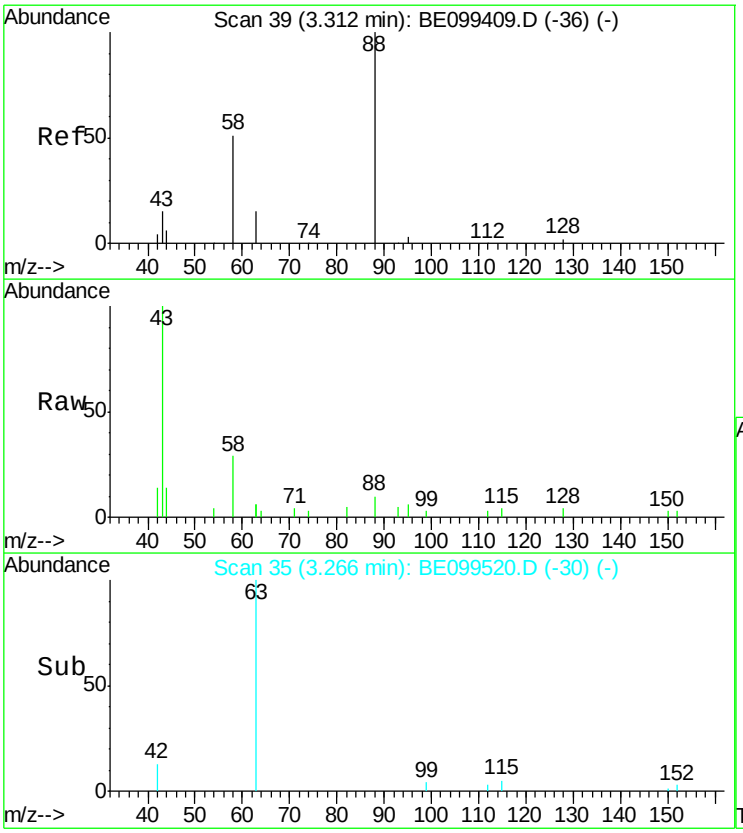
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:152 Resp: 2033

Ion	Ratio	Lower	Upper
152	100		
150	146.9	104.8	157.2
115	68.0	46.6	69.8

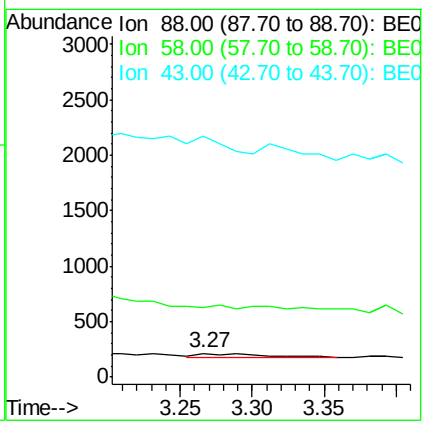


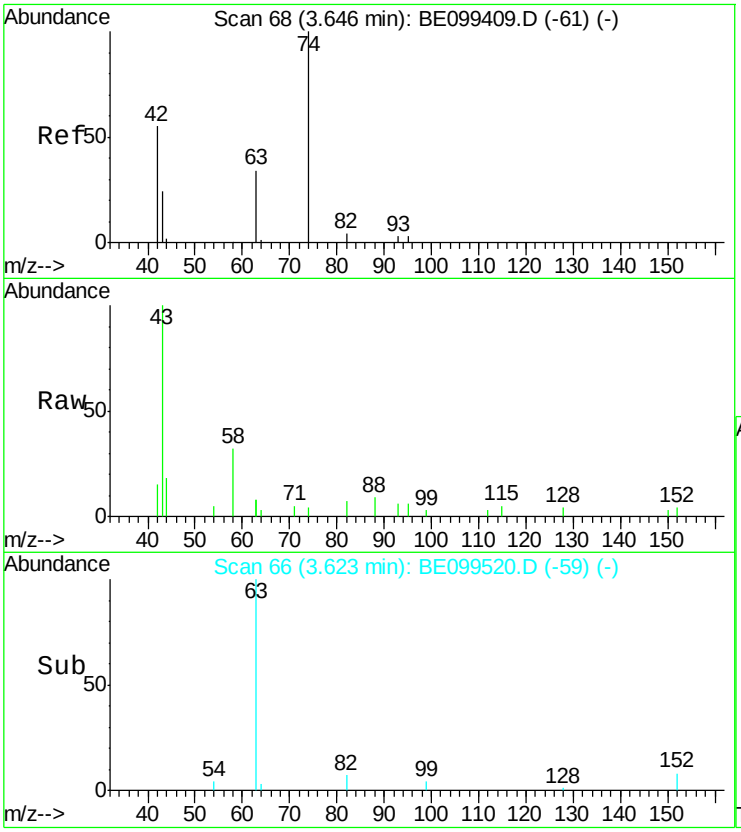


#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.05 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion: 88 Resp: 129

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.0	76.6#
43	0.0	20.6	30.8#



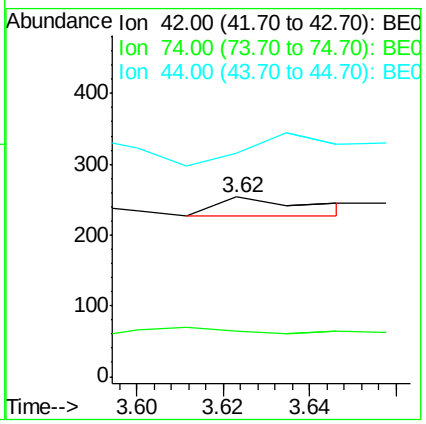


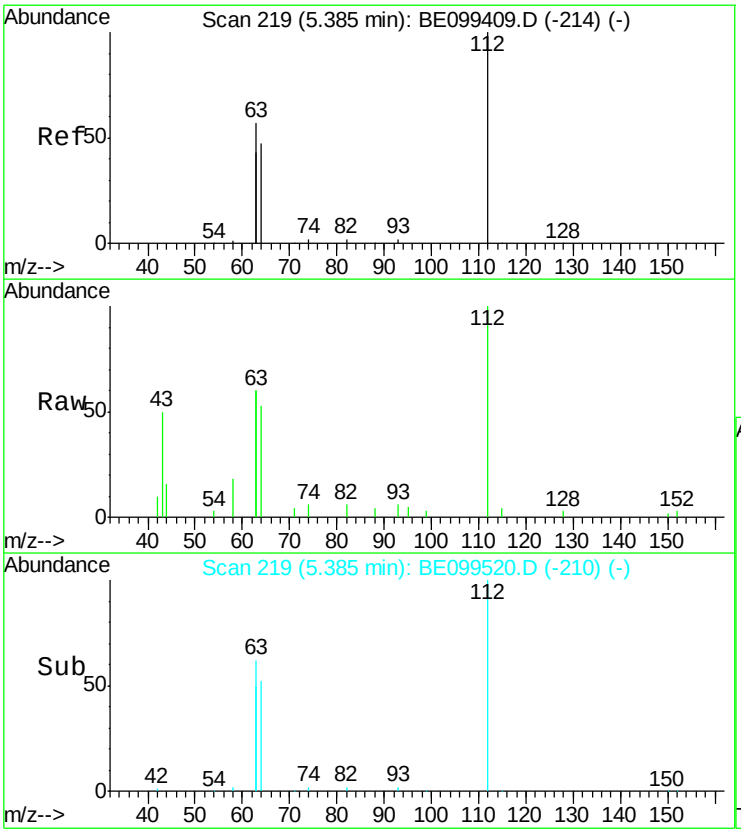
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion: 42 Resp: 41

Ion	Ratio	Lower	Upper
42	100		
74	41.5	141.6	212.4#
44	0.0	0.0	0.0

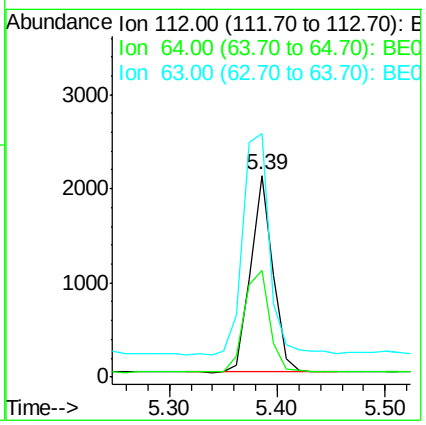


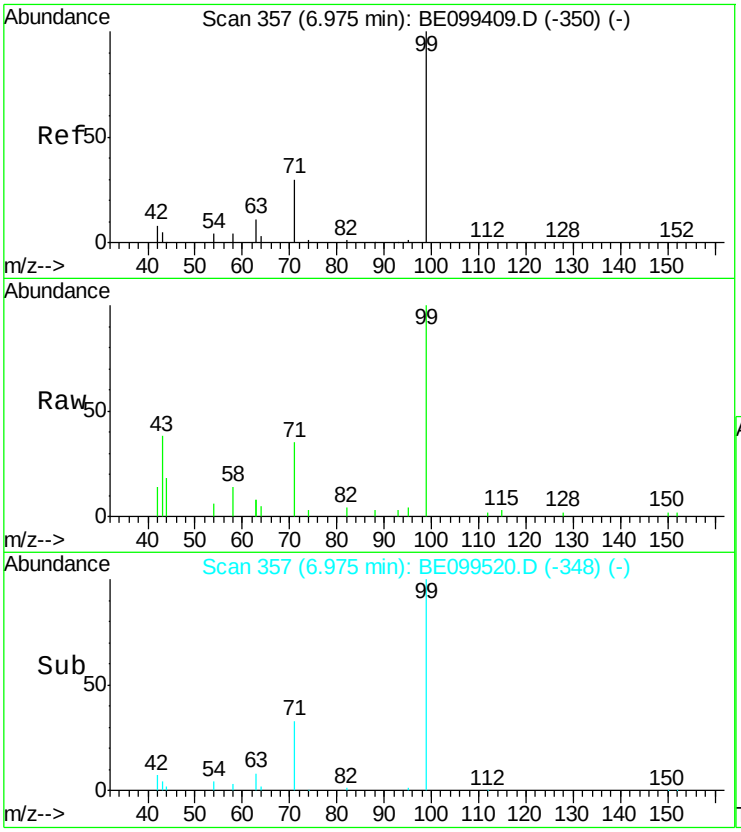


#4
2-Fluorophenol
Concen: 0.536 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:112 Resp: 3014

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.4	71.0
63	133.8	104.3	156.5



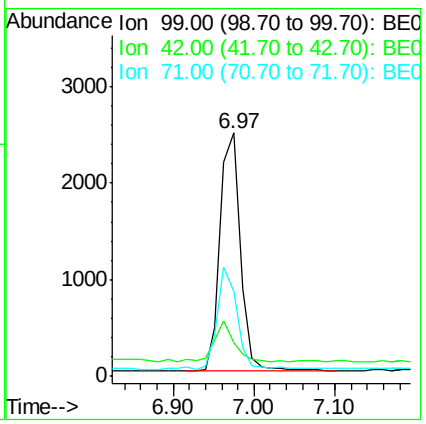


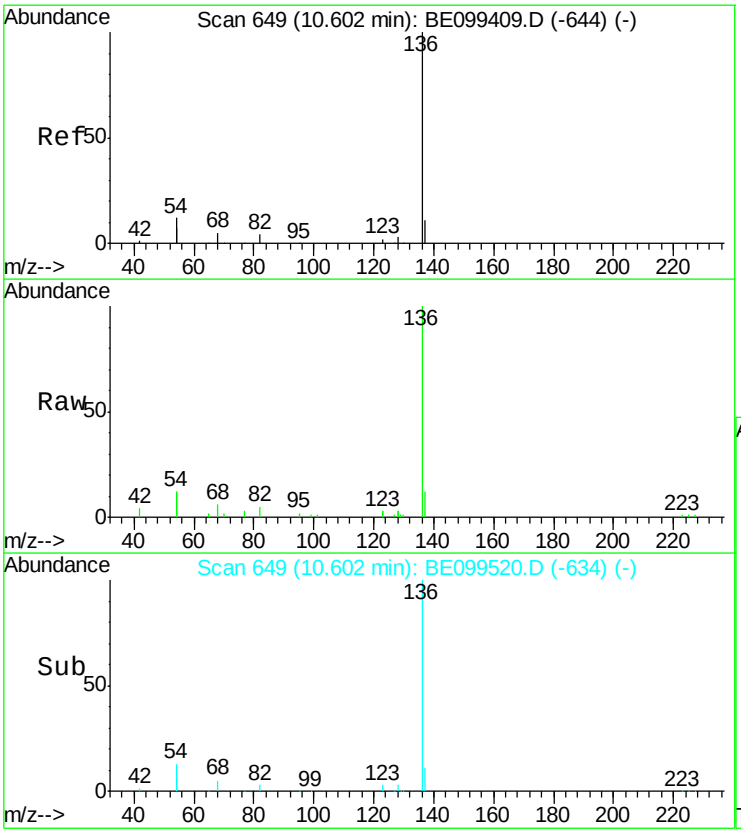
#5
Phenol-d6
Concen: 0.582 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion: 99 Resp: 4348

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.9	22.3
71	41.7	33.0	49.6

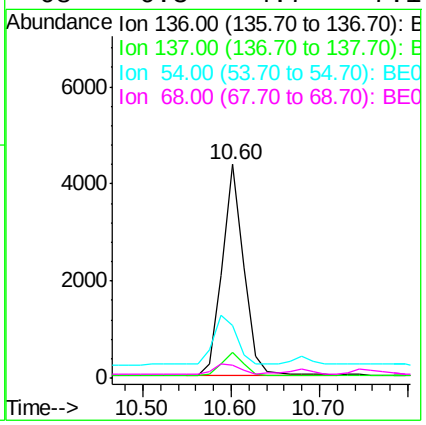


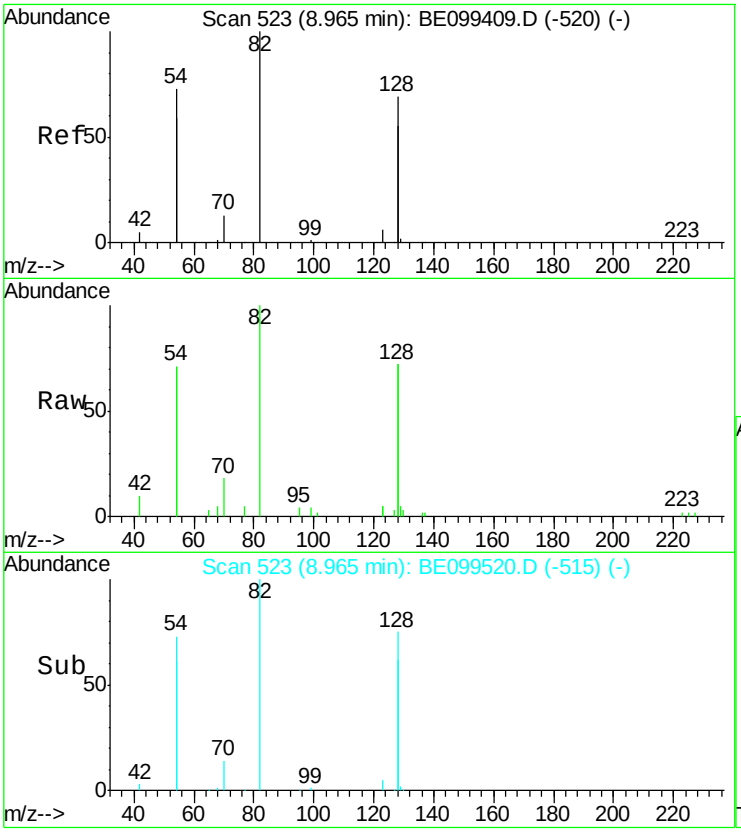


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:136 Resp: 7427

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	24.8	18.5	27.7
68	6.3	4.7	7.1



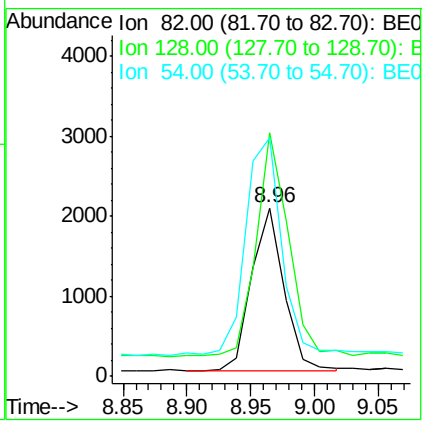


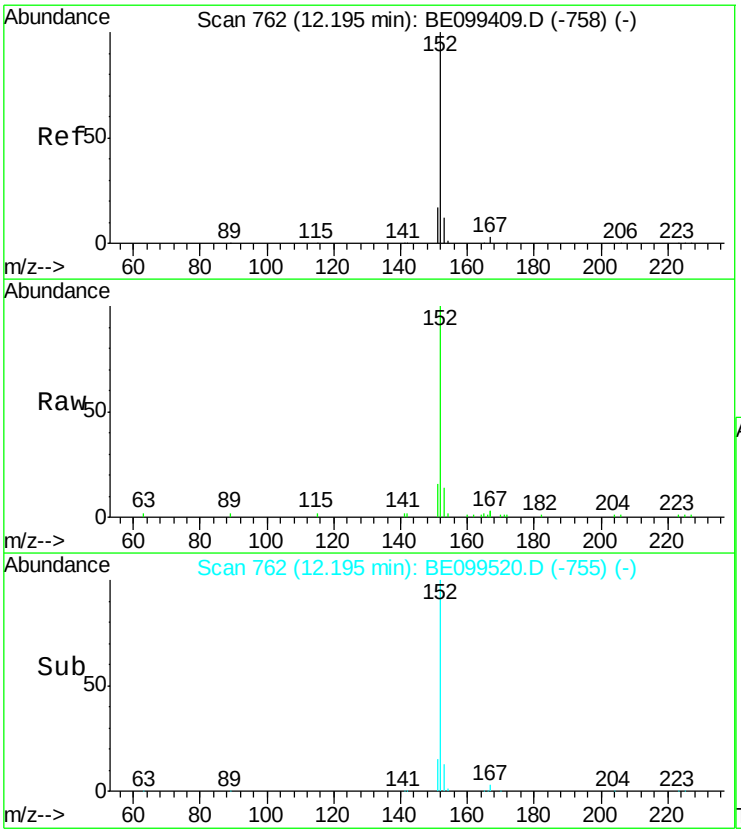
#8
Nitrobenzene-d5
Concen: 0.514 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion: 82 Resp: 3579

Ion	Ratio	Lower	Upper
82	100		
128	144.4	107.0	160.4
54	141.2	113.1	169.7

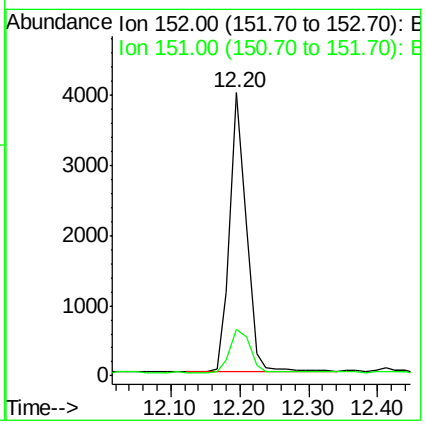


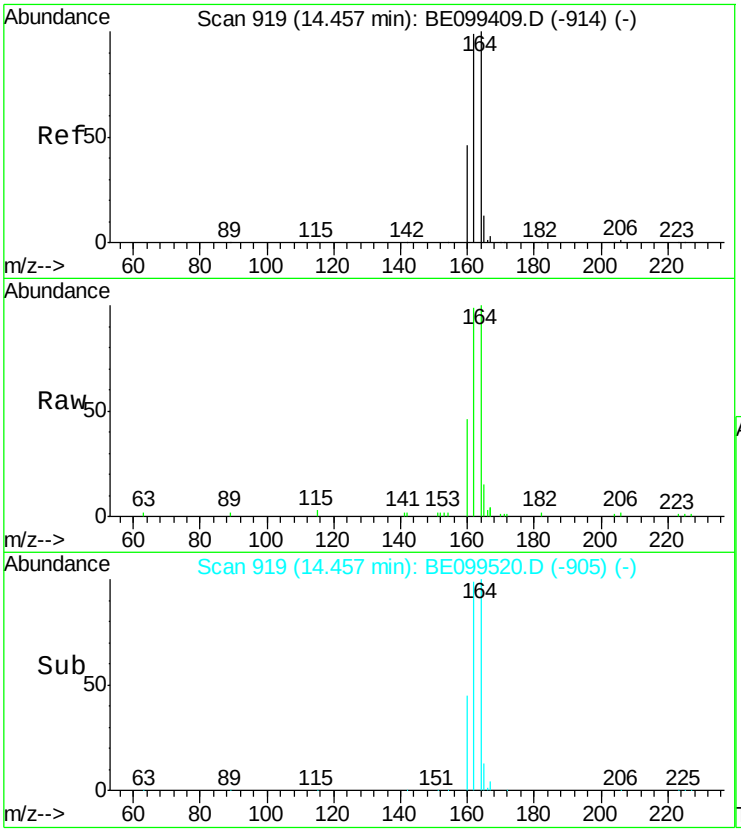


#11
2-Methylnaphthalene-d10
Concen: 0.495 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:152 Resp: 6619

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3



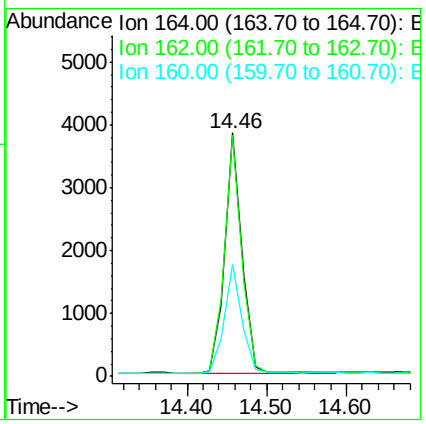


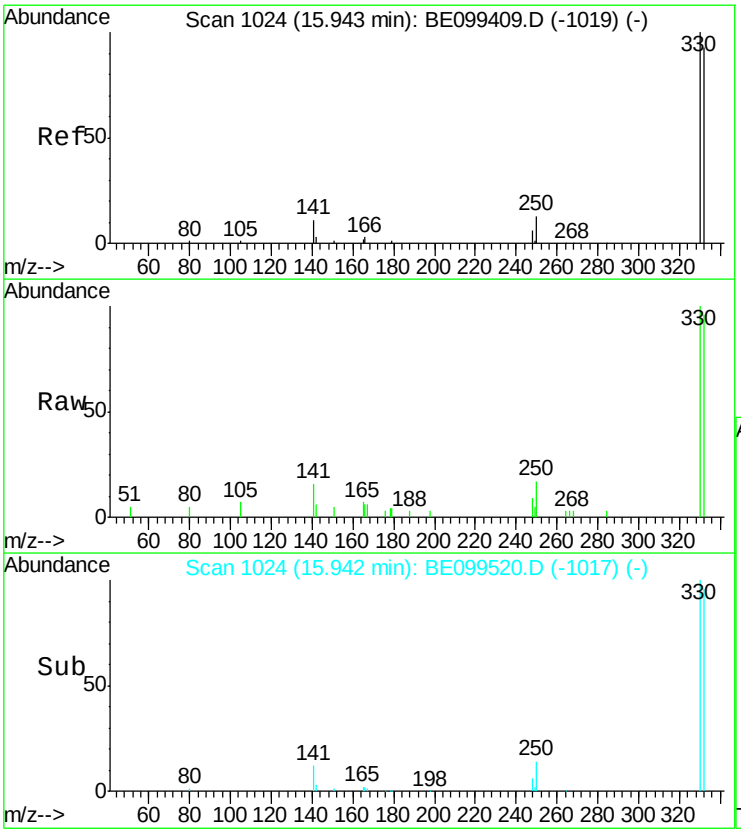
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:164 Resp: 5735

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.0	118.4
160	46.2	37.0	55.4

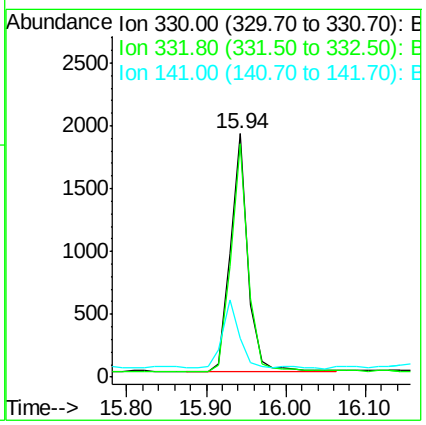


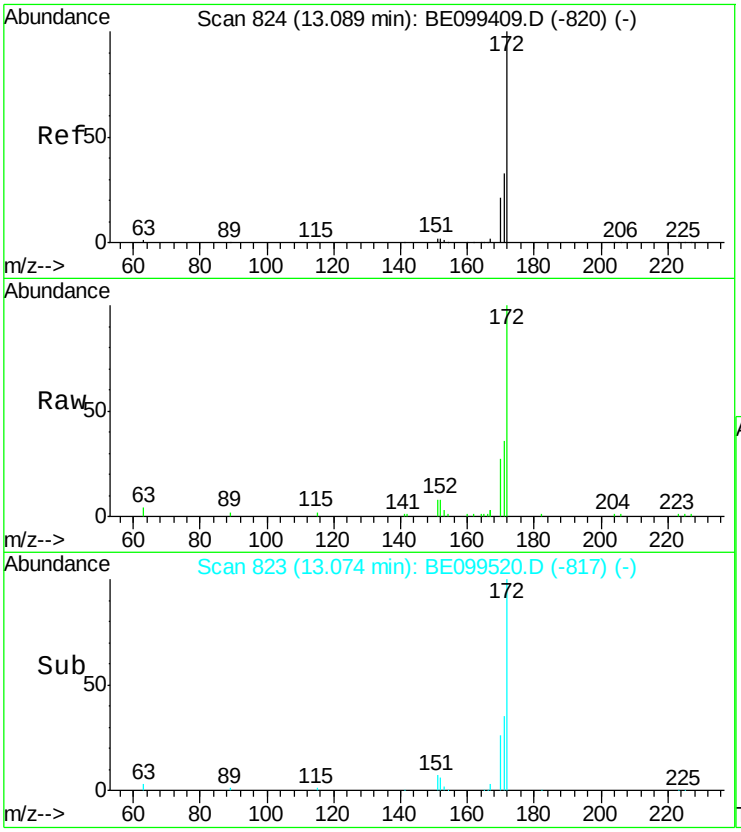


#14
2,4,6-Tribromophenol
Concen: 0.794 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:330 Resp: 2869

Ion	Ratio	Lower	Upper
330	100		
332	95.6	71.5	107.3
141	27.3	24.0	36.0



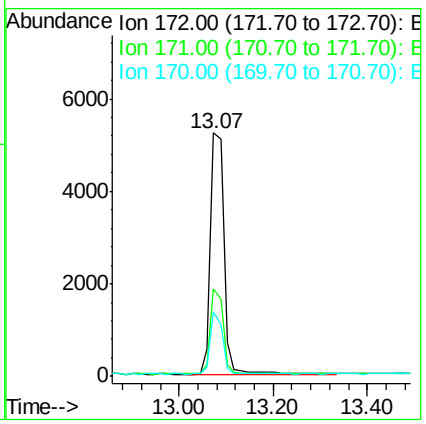


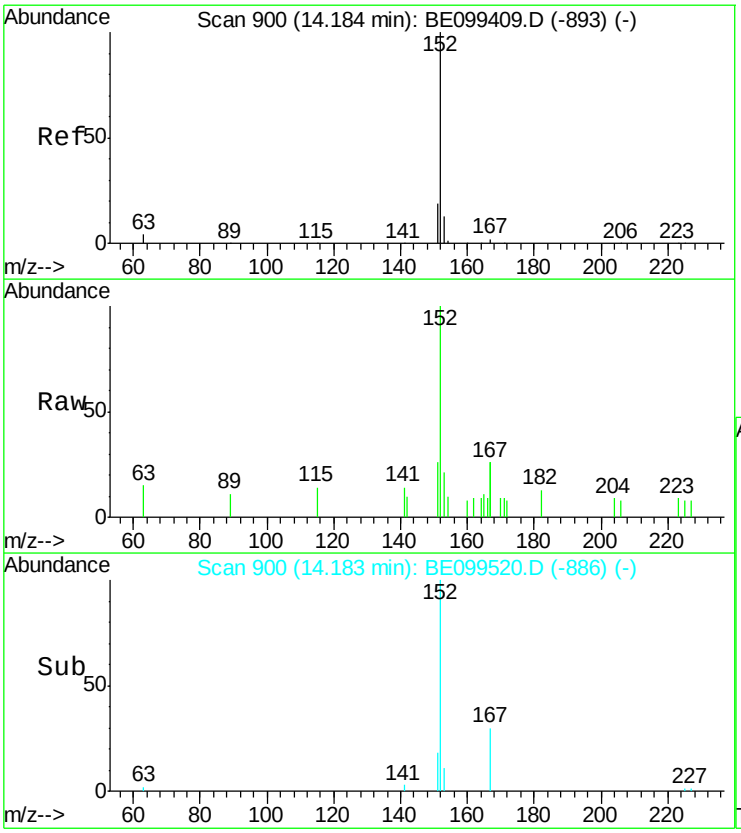
#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:172 Resp: 10444

Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.6	39.8
170	26.5	17.0	25.6#

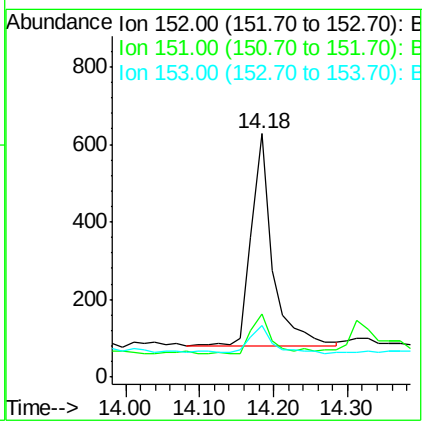


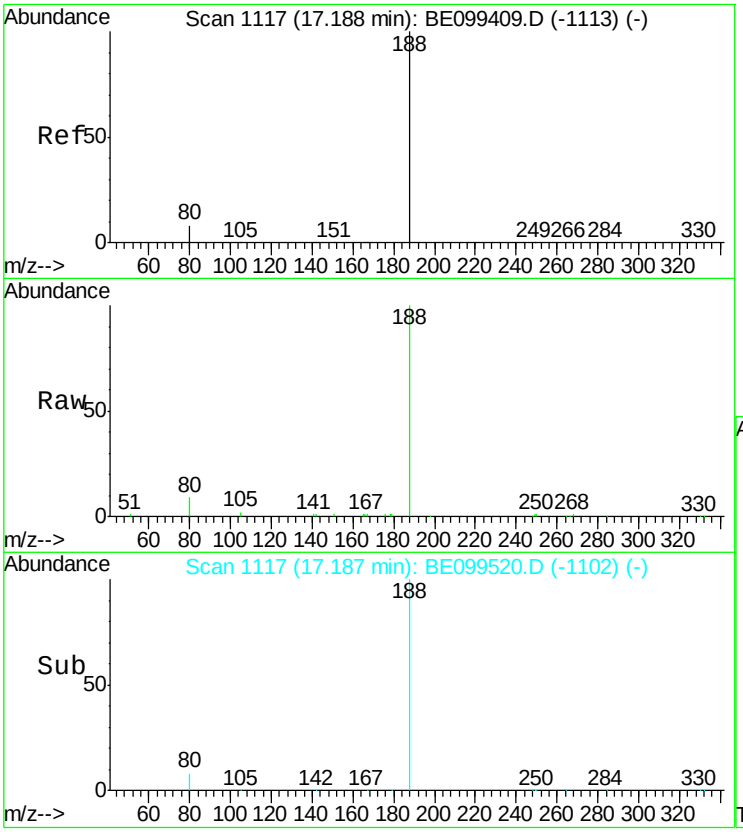


#16
Acenaphthylene
Concen: 0.039 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:152 Resp: 1083

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	15.6	9.8	14.6#



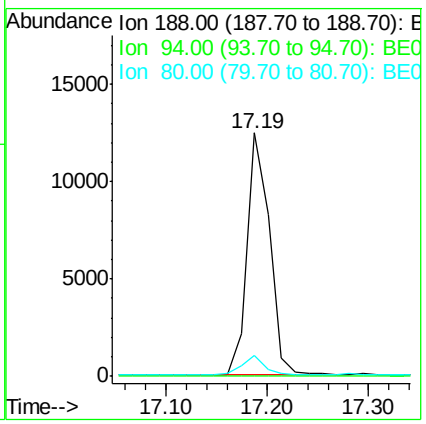


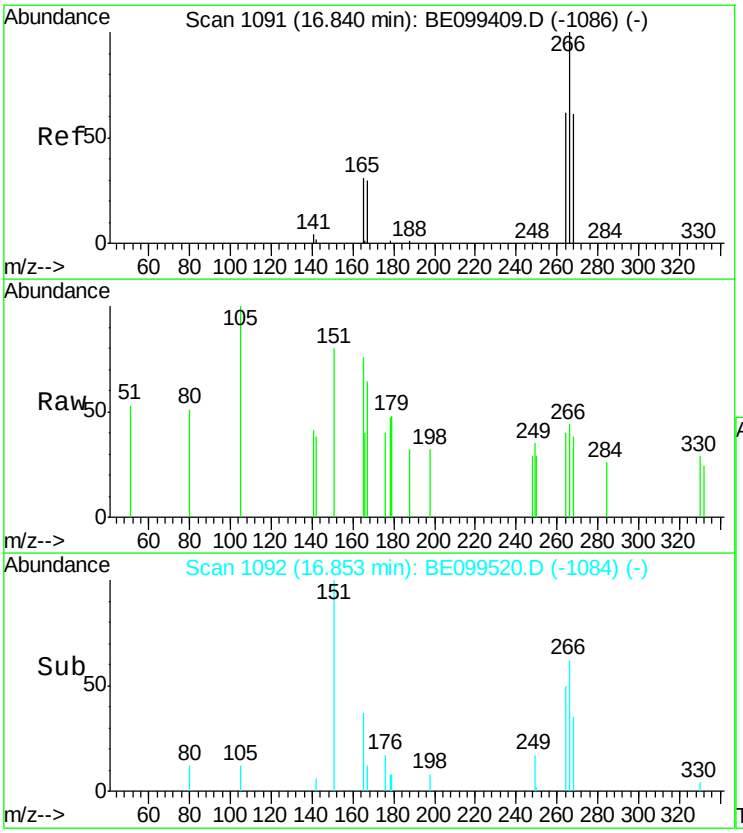
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:188 Resp: 19348

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.7	10.1

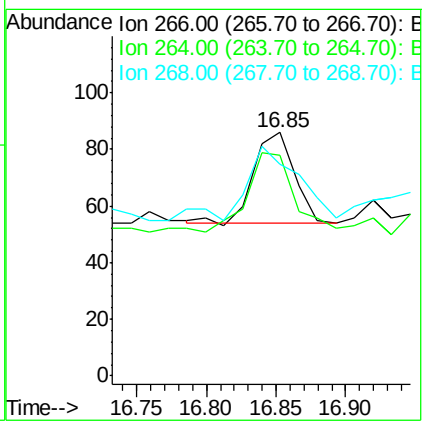


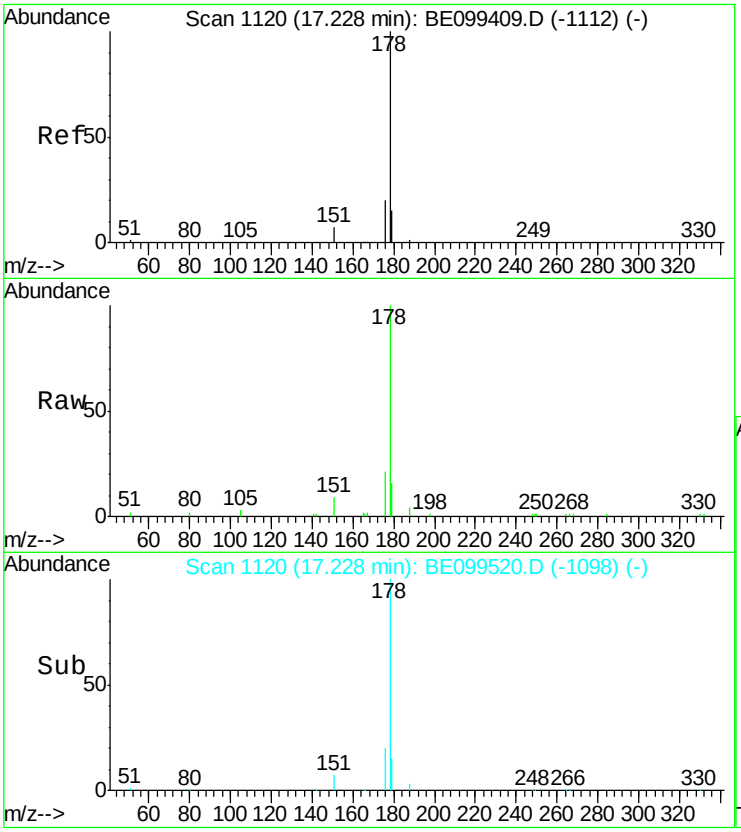


#22
Pentachlorophenol
Concen: 0.226 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
264	90.7	50.8	76.2#
268	87.2	50.5	75.7#



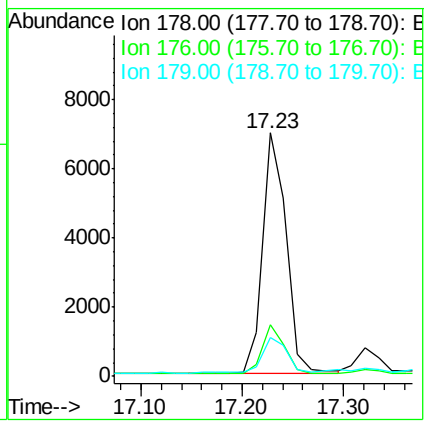


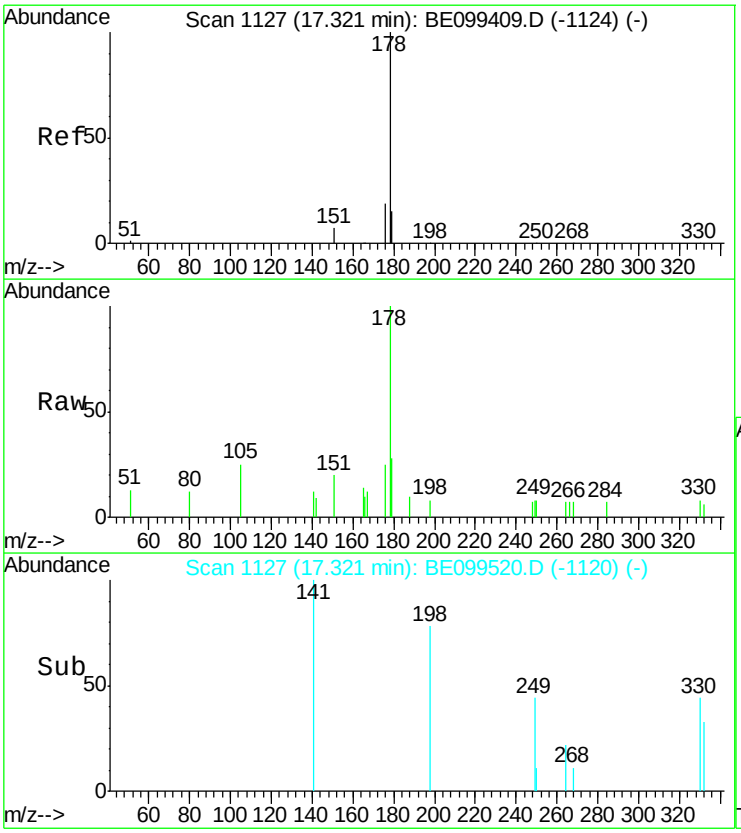
#23
Phenanthrene
Concen: 0.228 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:178 Resp: 11372

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.0	18.0

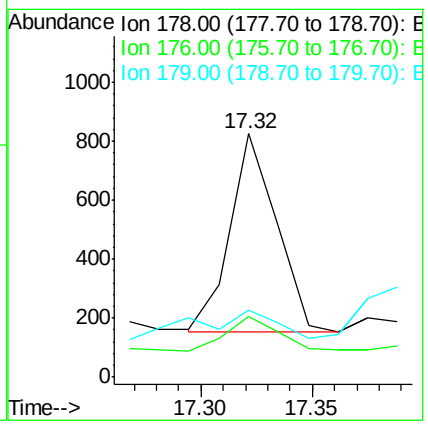


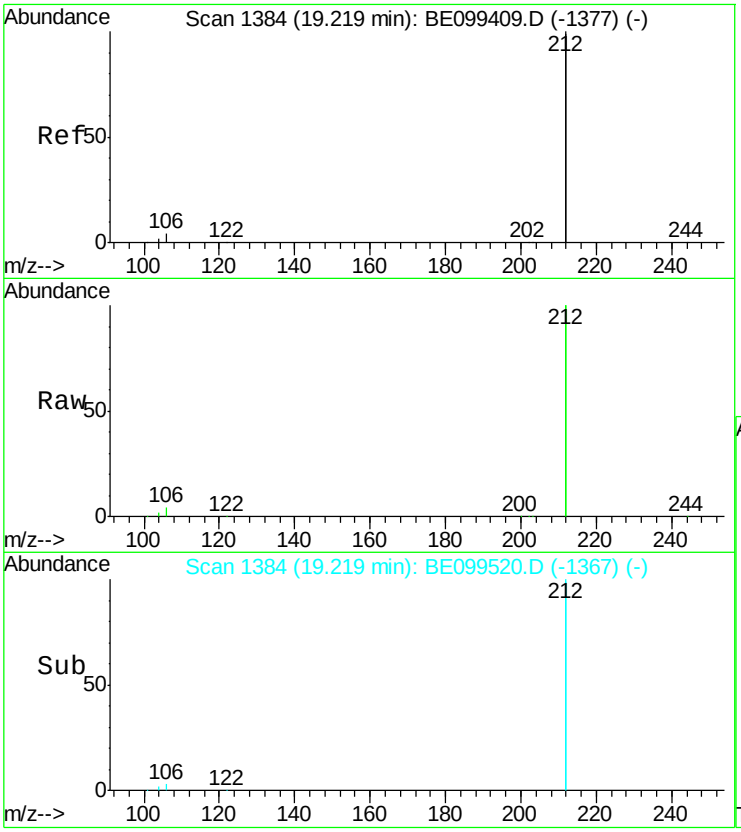


#24
Anthracene
Concen: 0.021 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:178 Resp: 978

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.9	22.3
179	24.1	11.9	17.9#



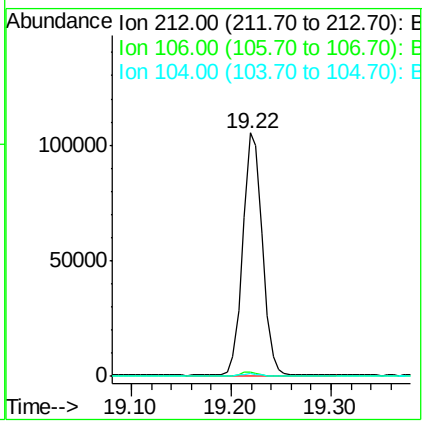


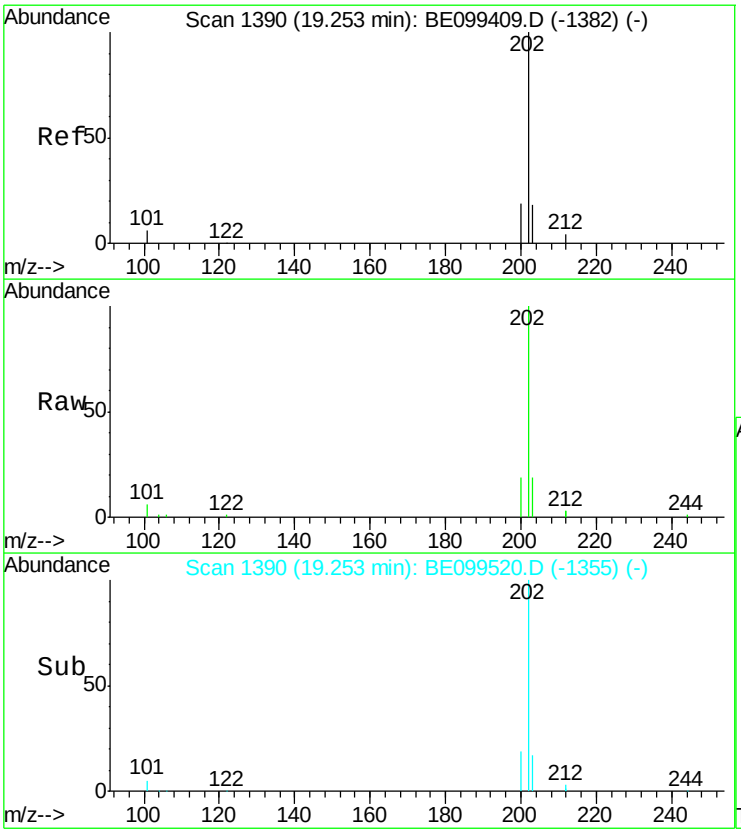
#25
Fluoranthene-d10
Concen: 0.543 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:212 Resp: 141682

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.5	2.3
104	1.2	0.9	1.3

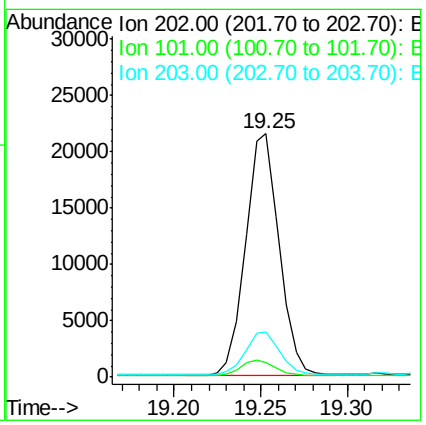


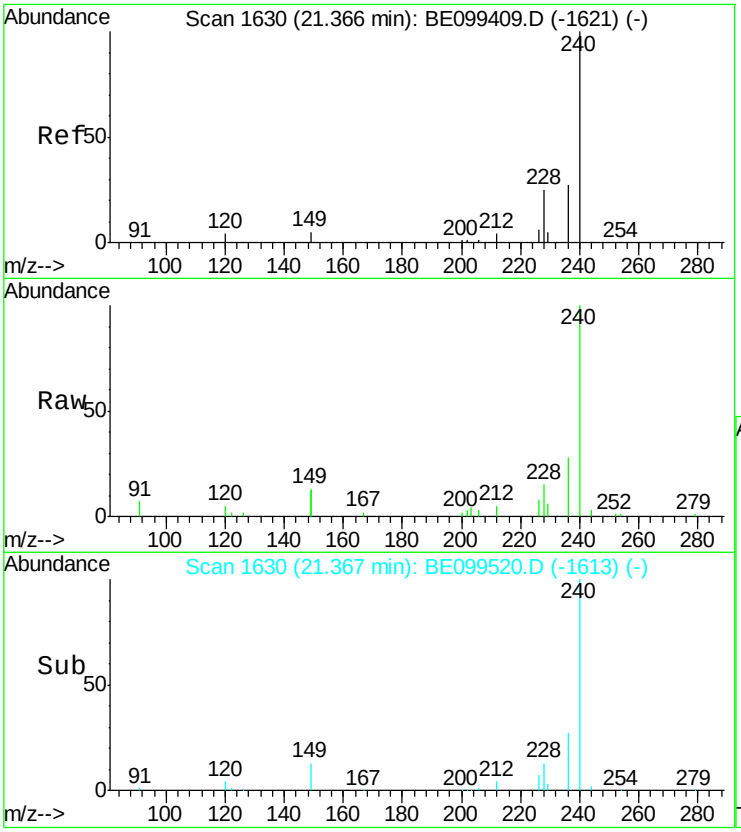


#26
Fluoranthene
Concen: 0.388 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:202 Resp: 29022

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.4	8.0
203	17.7	13.9	20.9



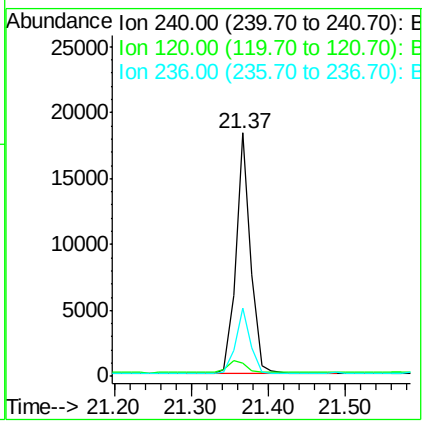


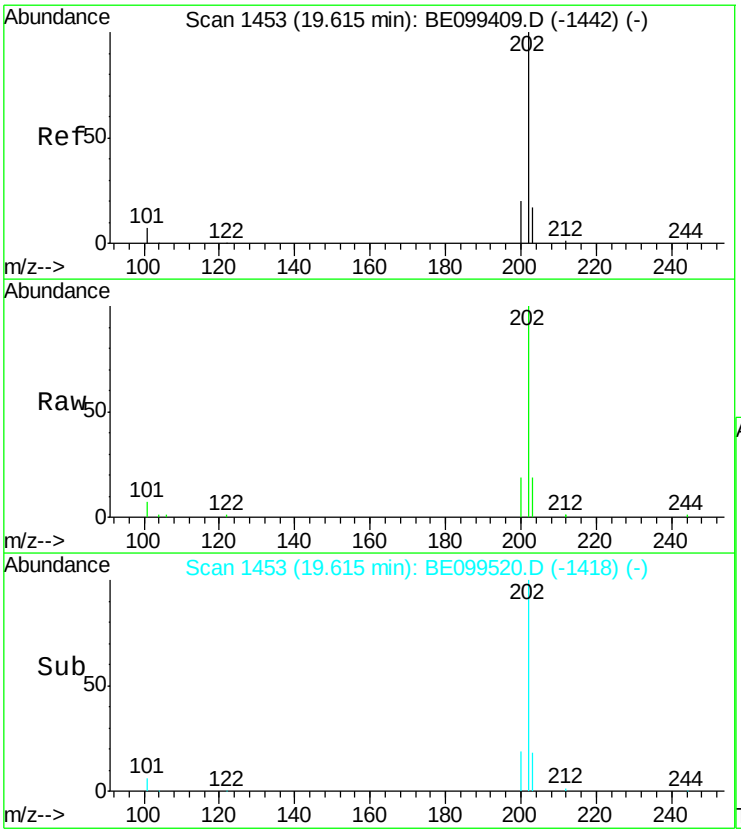
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:240 Resp: 24215

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.0	6.0
236	28.2	22.0	33.0

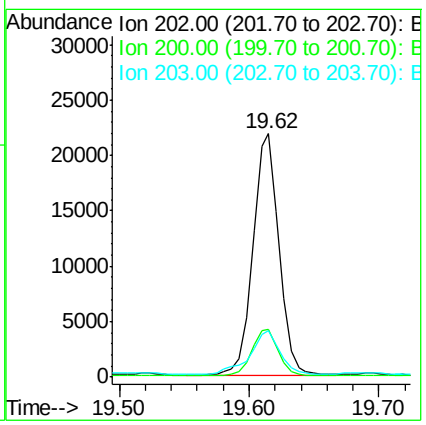


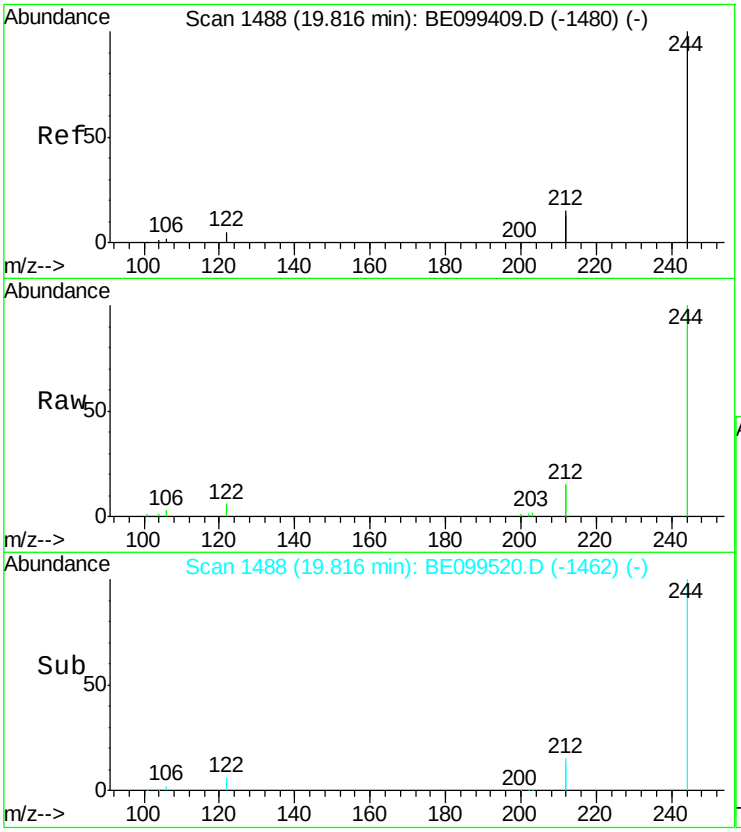


#28
Pyrene
Concen: 0.485 ng
RT: 19.62 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:202 Resp: 30631

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	20.7	13.9	20.9



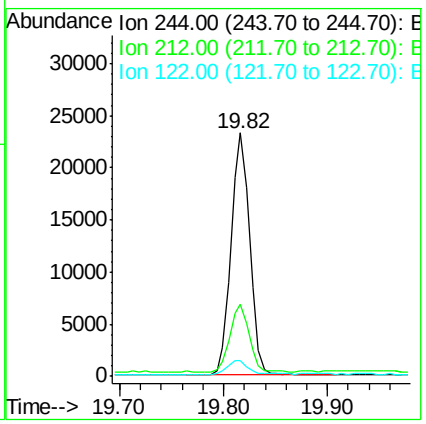


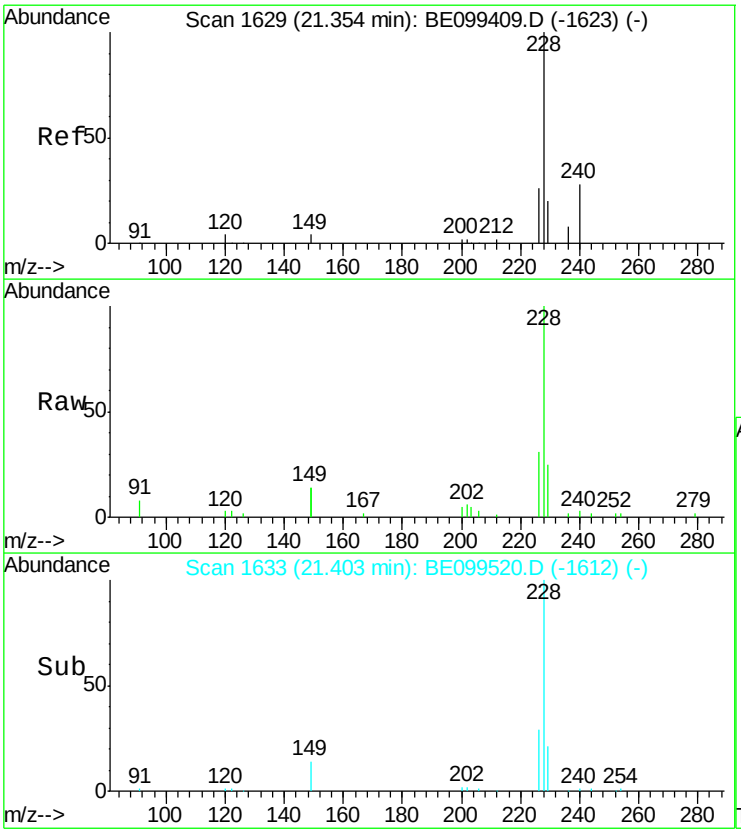
#29
Terphenyl-d14
Concen: 0.658 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:244 Resp: 29193

Ion	Ratio	Lower	Upper
244	100		
212	29.8	23.2	34.8
122	6.3	4.2	6.4

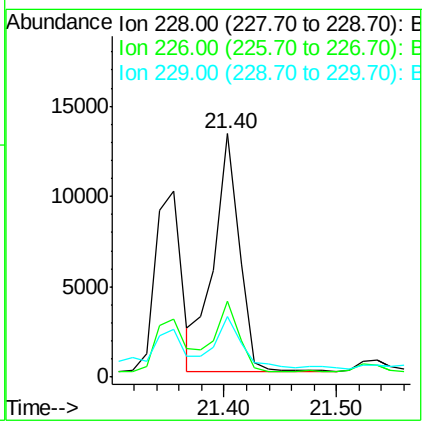


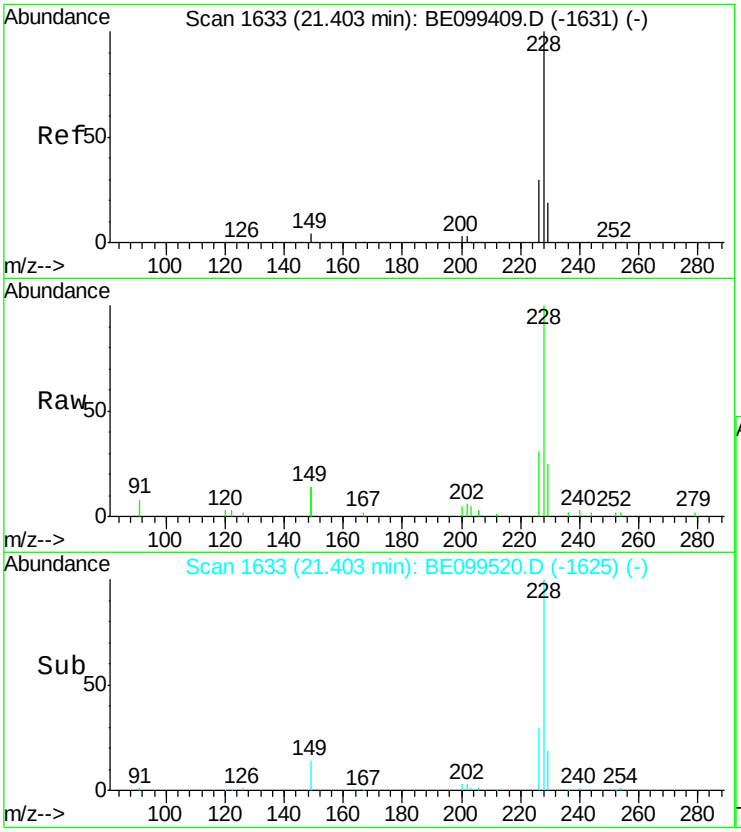


#30
Benzo(a)anthracene
Concen: 0.272 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.05 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:228 Resp: 20991

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.0	31.6
229	24.7	16.6	25.0



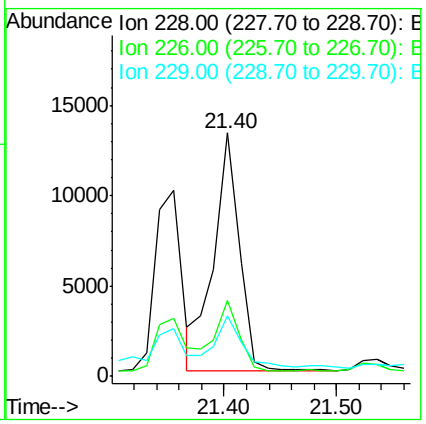


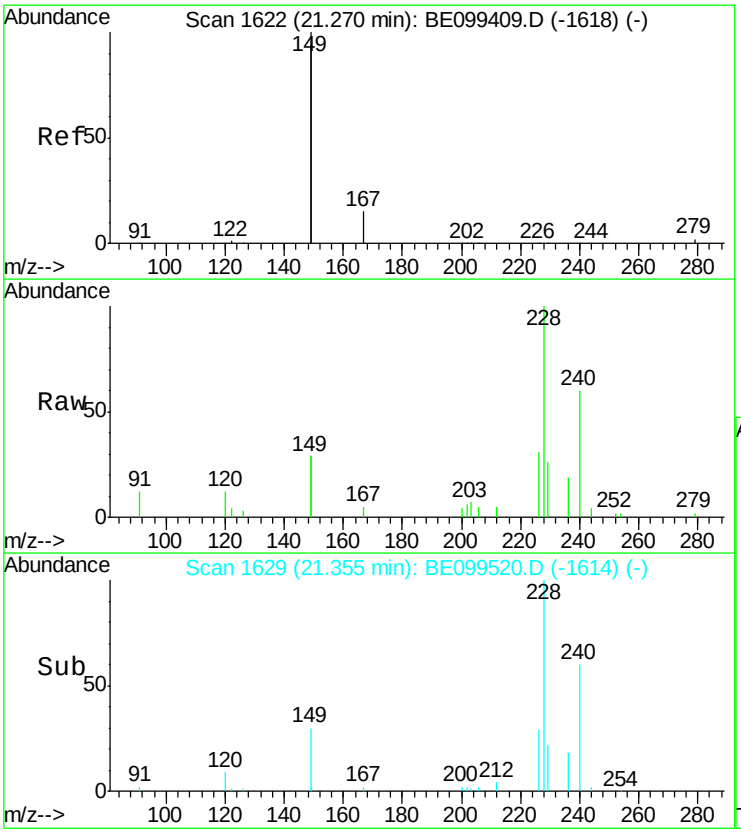
#31
Chrysene
Concen: 0.276 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:228 Resp: 20875

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	24.7	15.8	23.8#

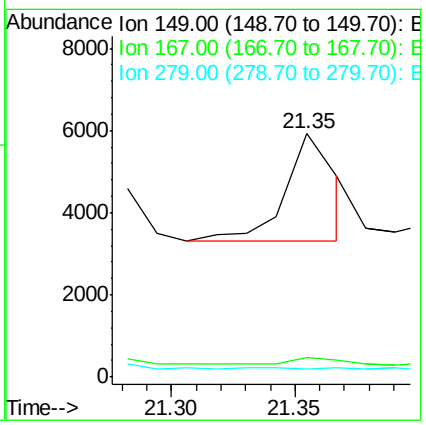


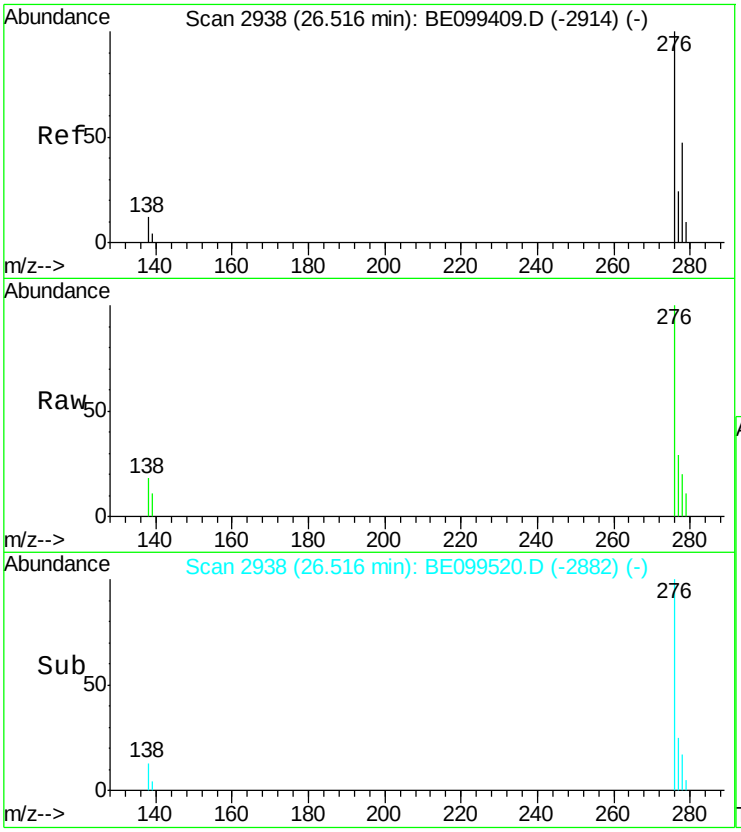


#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.35 min Scan# 1629
Delta R.T. 0.09 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:149 Resp: 3707

Ion	Ratio	Lower	Upper
149	100		
167	5.8	5.8	8.6
279	1.1	1.0	1.6



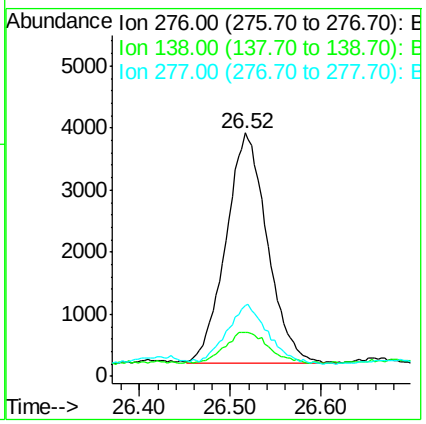


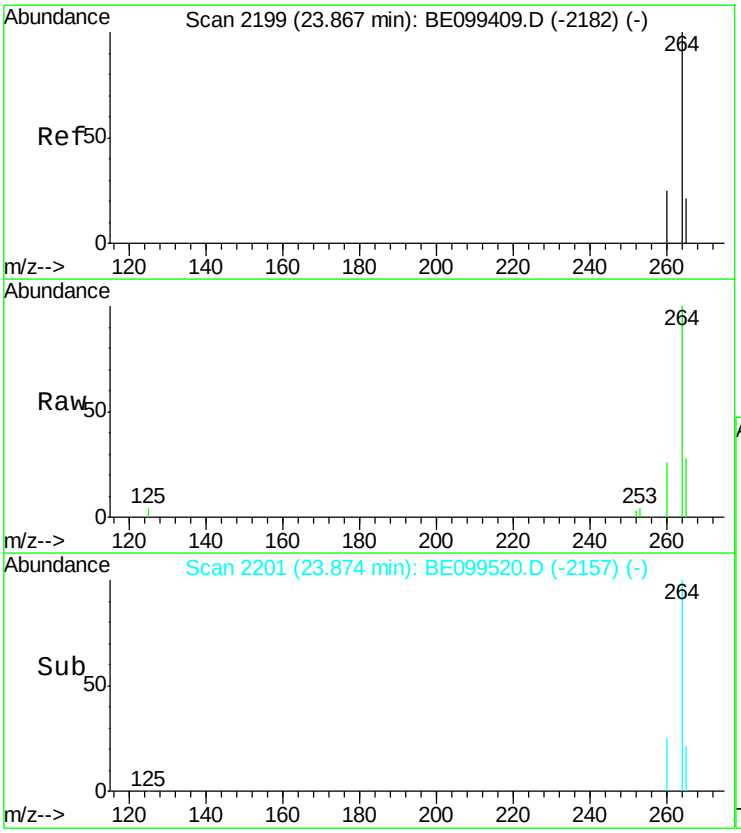
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.132 ng
RT: 26.52 min Scan# 2938
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:276 Resp: 11804

Ion	Ratio	Lower	Upper
276	100		
138	14.1	10.2	15.2
277	25.5	19.2	28.8

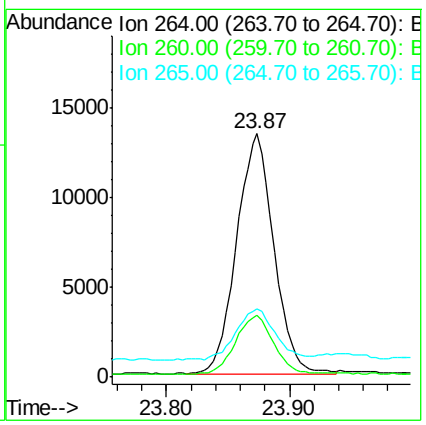


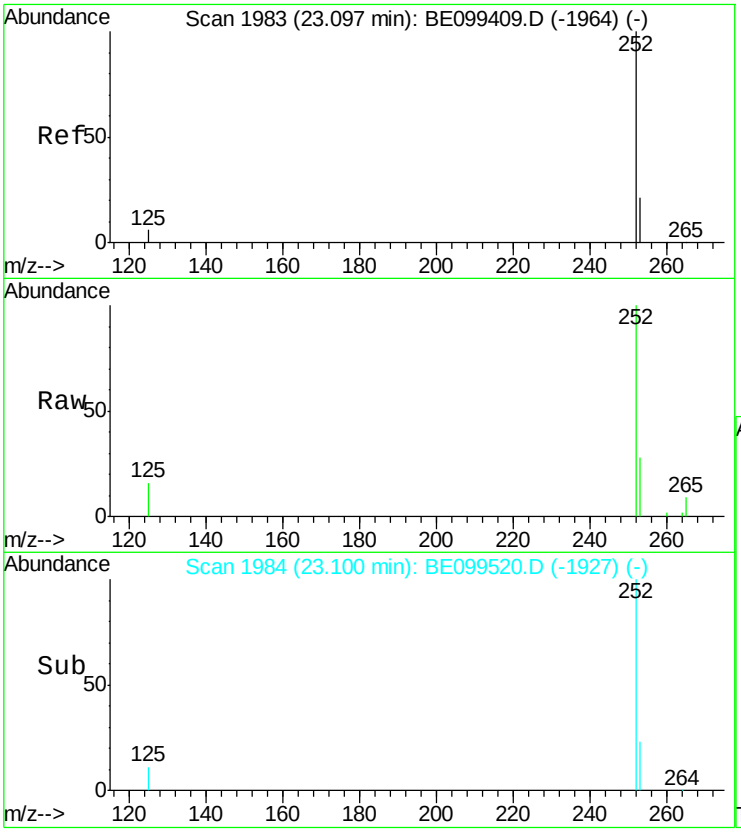


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:264 Resp: 27929

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	28.2	21.3	31.9



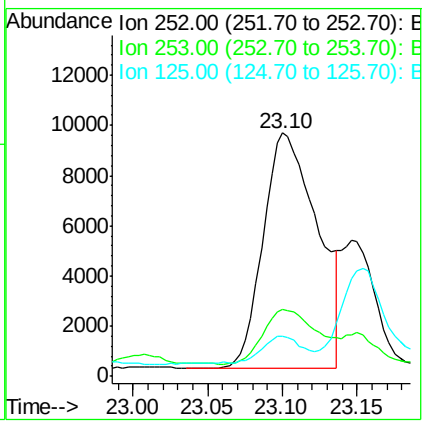


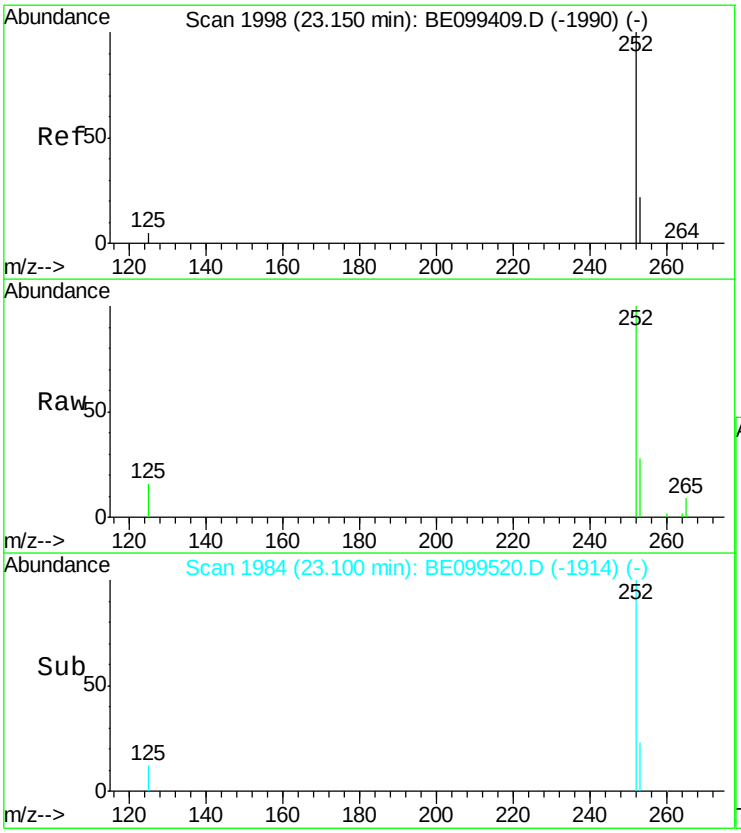
#35
Benzo(b)fluoranthene
Concen: 0.294 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:252 Resp: 23688

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.1	27.1#
125	16.2	5.6	8.4#

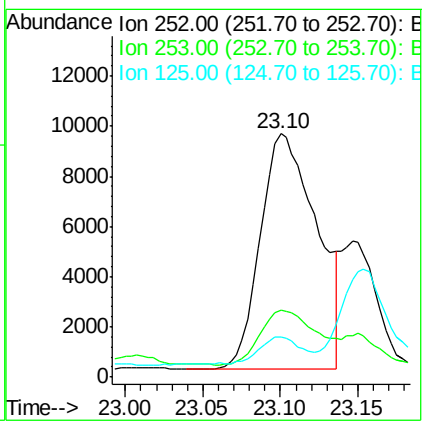


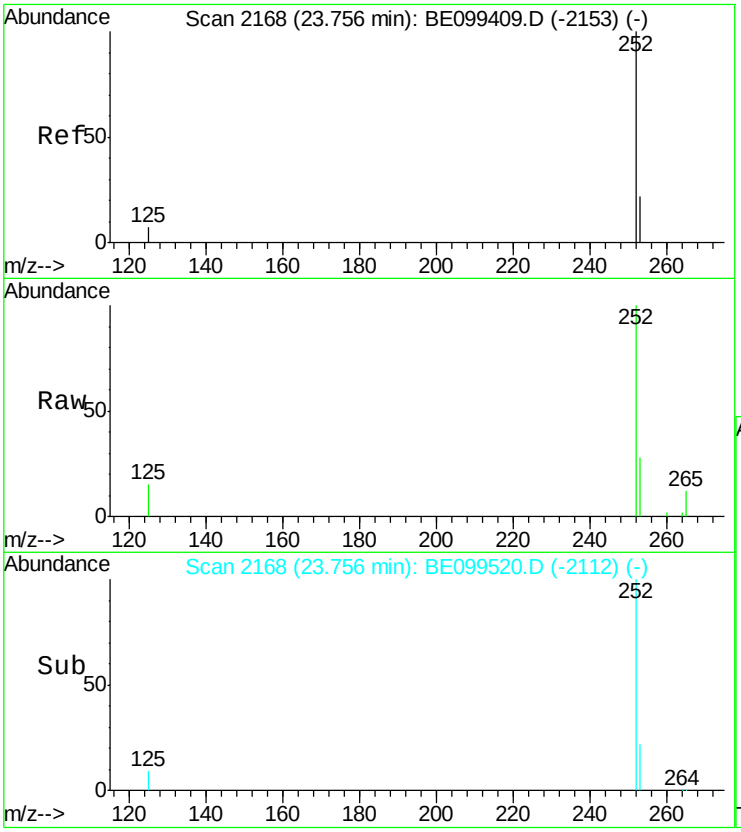


#36
Benzo(k)fluoranthene
Concen: 0.305 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.05 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:252 Resp: 23651

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.4	27.6
125	16.2	5.0	7.4#



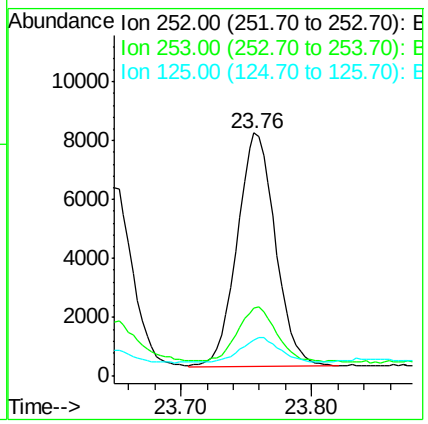


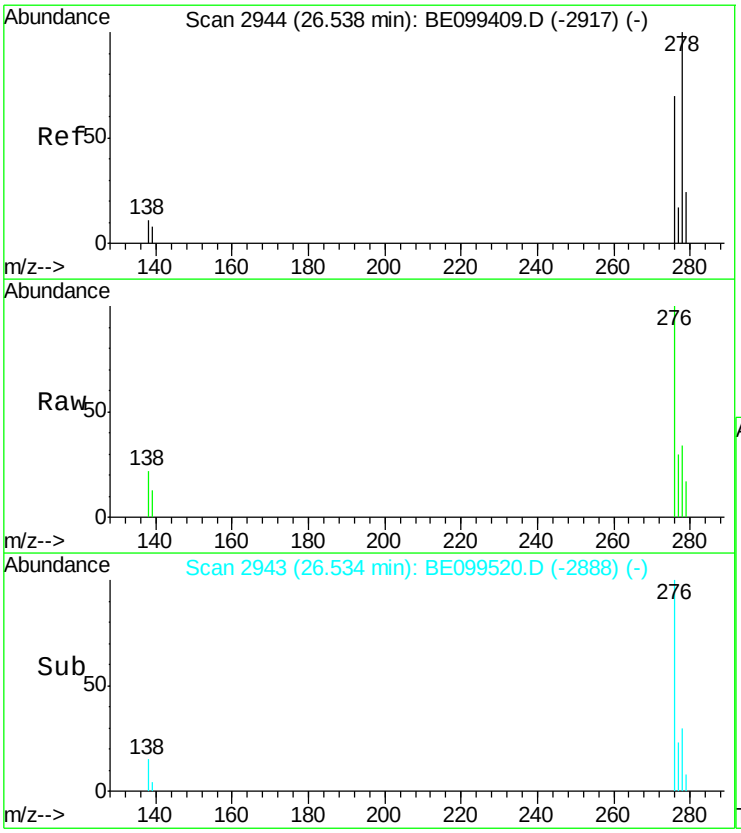
#37
Benzo(a)pyrene
Concen: 0.210 ng
RT: 23.76 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:252 Resp: 15957

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.9	28.3
125	14.8	6.7	10.1#

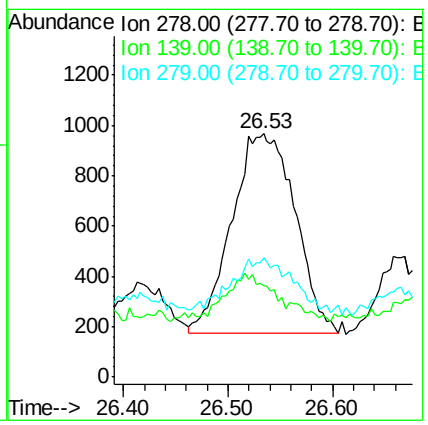


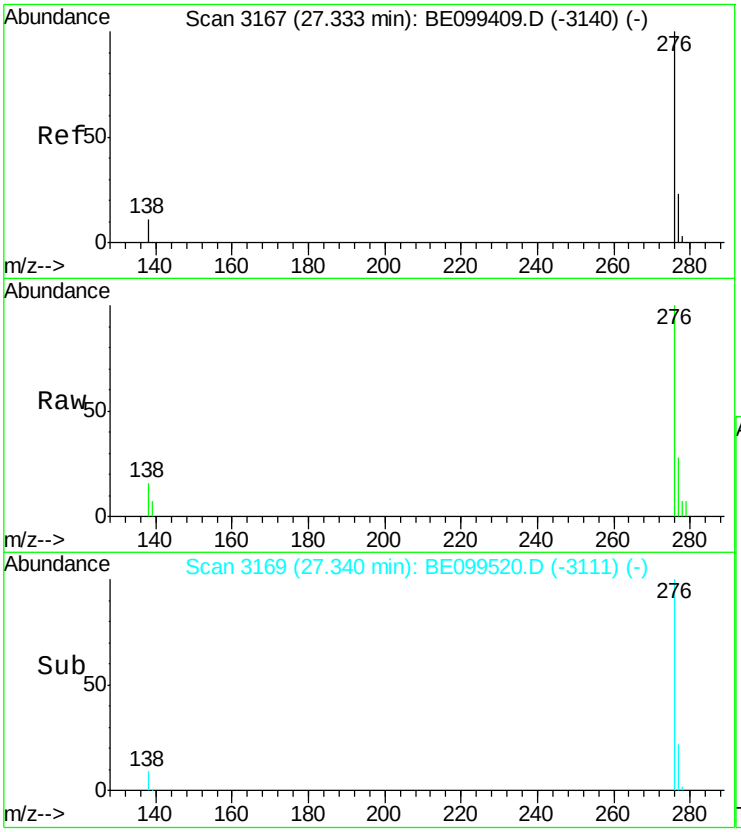


#38
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Tgt Ion:278 Resp: 3323

Ion	Ratio	Lower	Upper
278	100		
139	37.4	7.7	11.5#
279	49.2	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.155 ng
RT: 27.34 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BE099520.D
Acq: 3 May 2019 7:55

Instrument :
BNA_E
ClientSampleId :
PST-001-SW017-042419

Tgt Ion:276 Resp: 12114

Ion	Ratio	Lower	Upper
276	100		
277	27.6	19.5	29.3
138	15.6	9.6	14.4#