Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099517.D
Acq On : 3 May 2019 6:08
Operator : JU/SJ
Sample : K2587-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-004-B169-042319

Quant Time: May 03 07:51:16 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	2544	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	9235	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7034	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	22644	0.40	ng		0.00
27) Chrysene-d12	21.37	240	28193	0.40	ng		0.00
34) Perylene-d12	23.87	264	31893	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2985	0.42	ng		0.00
5) Phenol-d6	6.97	99	4056	0.43	ng		0.00
8) Nitrobenzene-d5	8.96	82	3283	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	5989	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2040	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	8791	0.33	ng		0.00
25) Fluoranthene-d10	19.22	212	94477	0.31	ng		0.00
29) Terphenyl-d14	19.82	244	19821	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	79	0.023	ng	#	27
3) n-Nitrosodimethylamine	3.61	42	50	0.024	ng	#	1
9) Naphthalene	10.65	128	9276	0.092	ng	#	97
12) 2-Methylnaphthalene	12.27	142	937	0.054	ng		94
16) Acenaphthylene	14.18	152	3195	0.093	ng	#	97
17) Acenaphthene	14.51	154	2366	0.120	ng		98
18) Fluorene	15.49	166	3274	0.113	ng	#	98
22) Pentachlorophenol	16.84	266	45	0.222	ng	#	63
23) Phenanthrene	17.23	178	123430	2.112	ng		99
24) Anthracene	17.32	178	11955	0.215	ng	#	83
26) Fluoranthene	19.25	202	327515	3.742	ng		99
28) Pyrene	19.61	202	290018	3.946	ng	#	95
30) Benzo(a)anthracene	21.35	228	161375	1.797	ng		98
31) Chrysene	21.40	228	178070	2.026	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	25060	0.126	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	117076	1.127	ng		97
35) Benzo(b)fluoranthene	23.10	252	244176	2.655	ng		98
36) Benzo(k)fluoranthene	23.10	252	244176	2.754	ng		99
37) Benzo(a)pyrene	23.65	252	119245	1.372	ng		98
38) Dibenzo(a,h)anthracene	26.53	278	29943	0.337	ng	#	94
39) Benzo(g,h,i)perylene	27.34	276	114333	1.283	ng		98

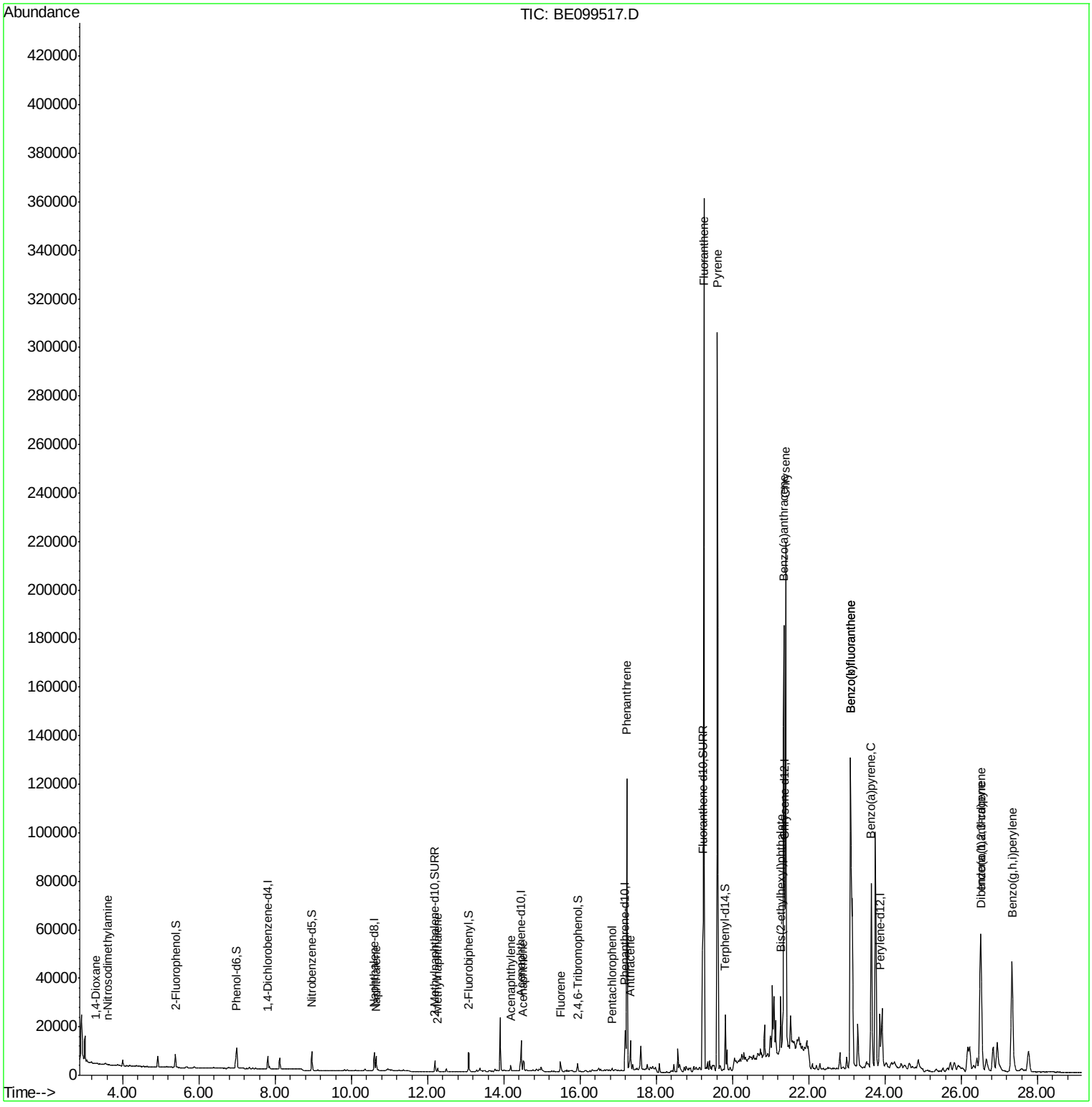
(#) = qualifier out of range (m) = manual integration (+) = signals summed

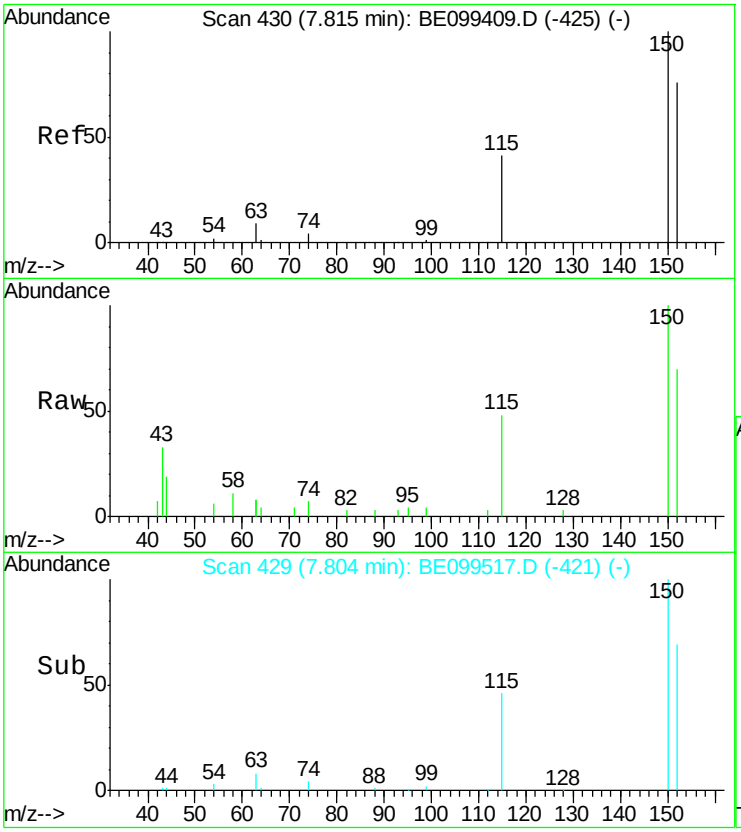
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099517.D
Acq On : 3 May 2019 6:08
Operator : JU/SJ
Sample : K2587-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Quant Time: May 03 07:51:16 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



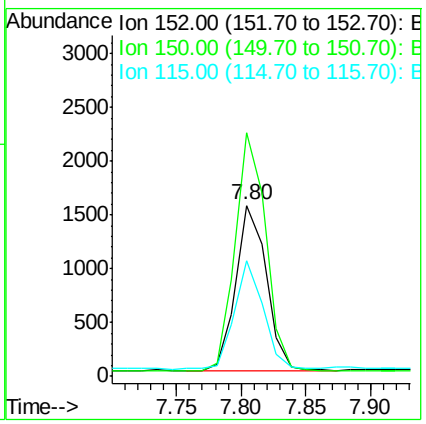


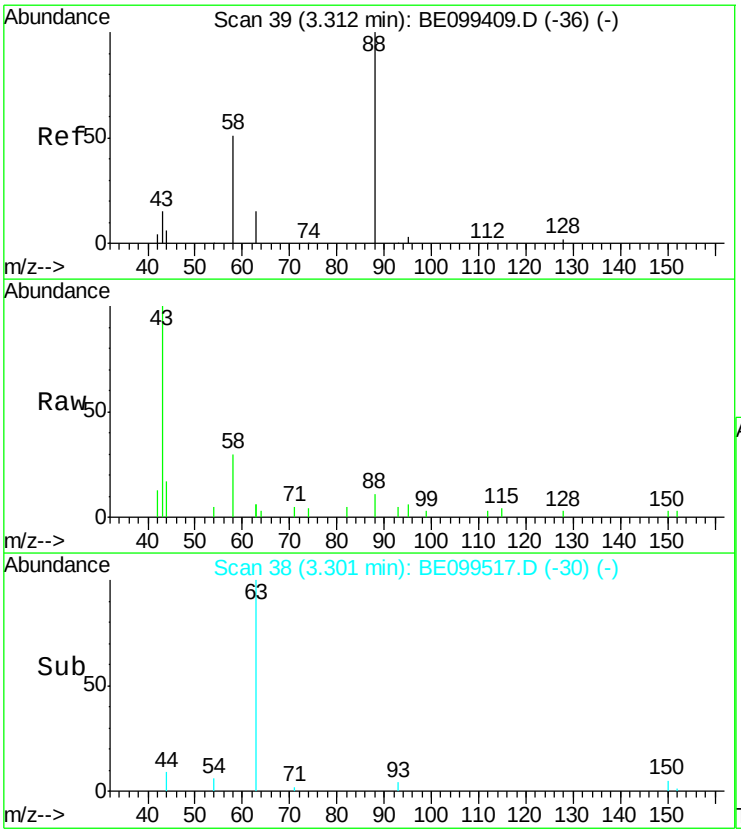
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:152 Resp: 2544

Ion	Ratio	Lower	Upper
152	100		
150	142.7	104.8	157.2
115	68.0	46.6	69.8

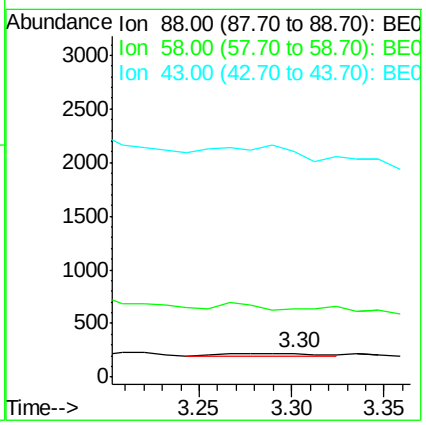


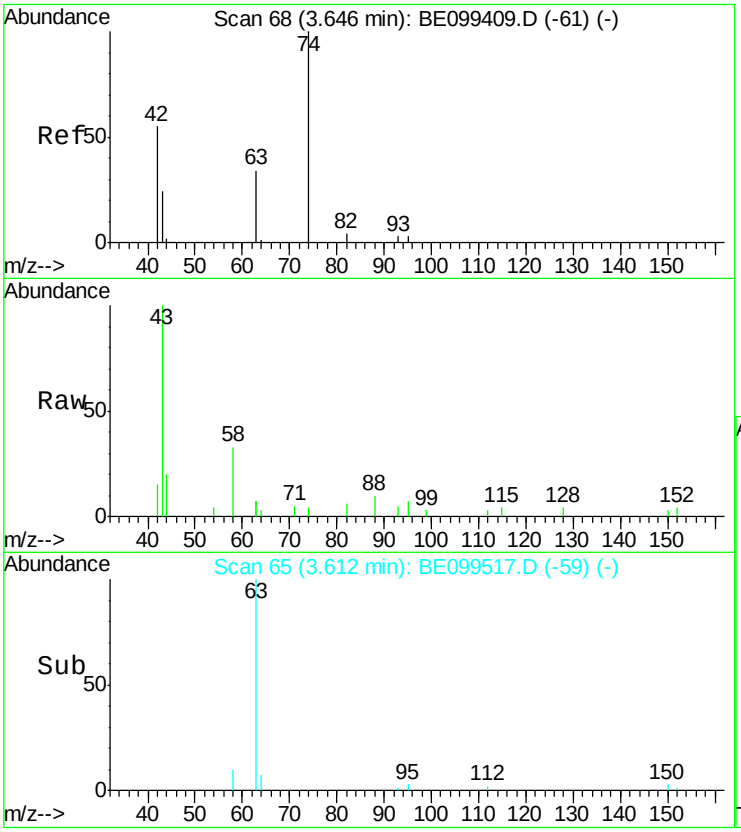


#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion: 88 Resp: 79

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



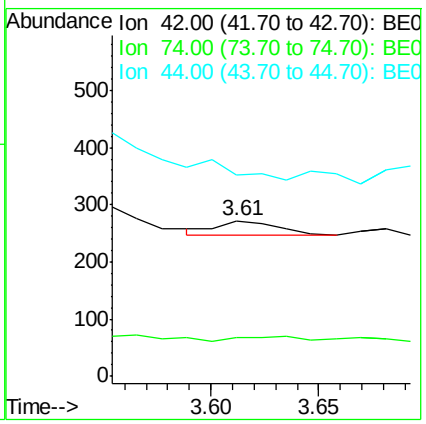


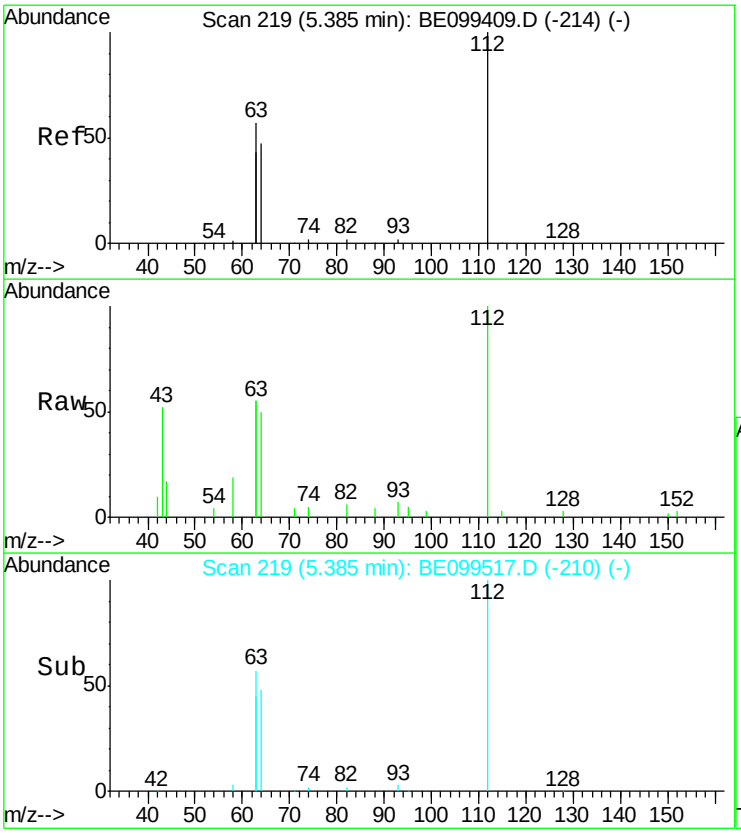
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.03 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion: 42 Resp: 50

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

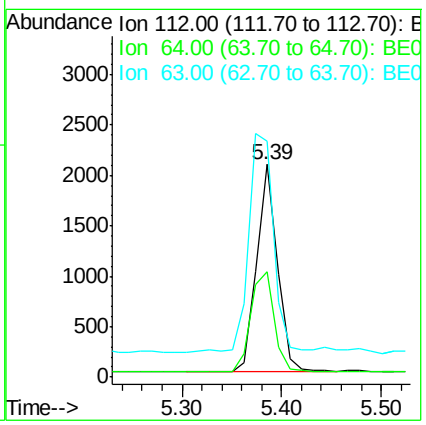


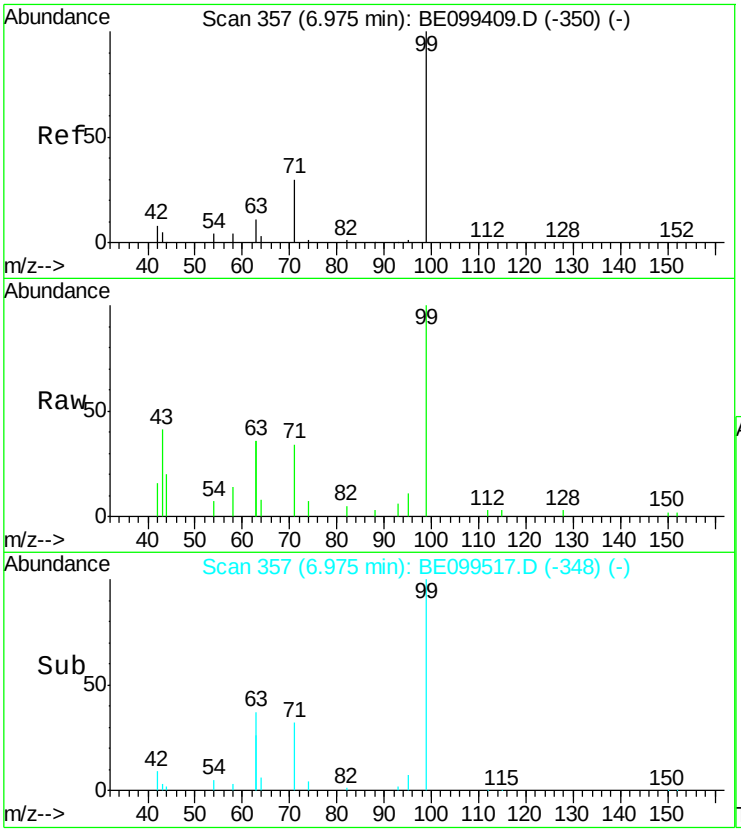


#4
2-Fluorophenol
Concen: 0.424 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:112 Resp: 2985

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.4	71.0
63	126.0	104.3	156.5



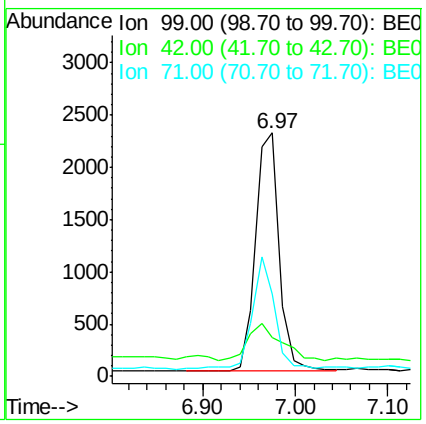


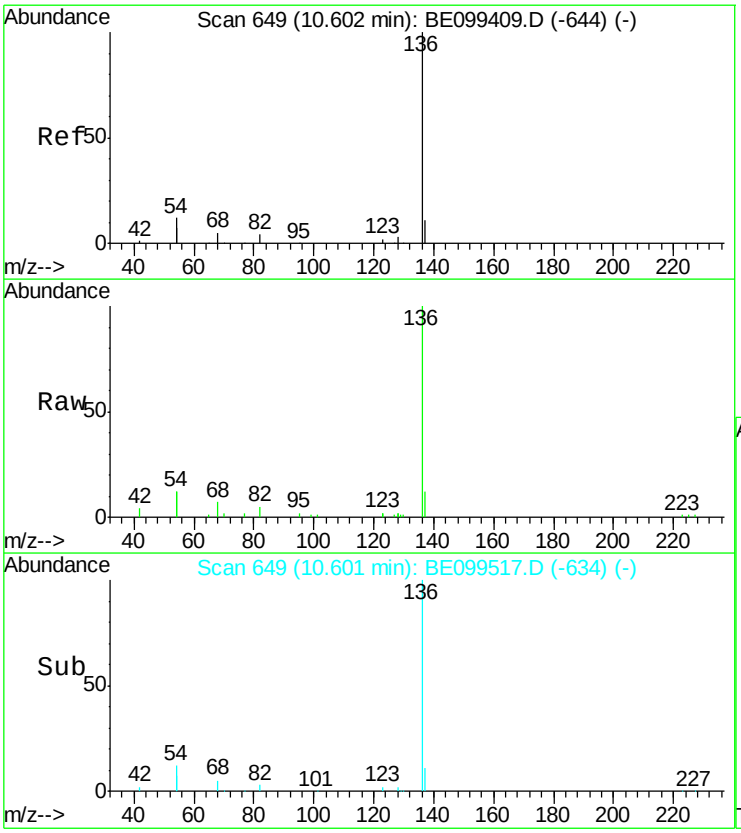
#5
Phenol-d6
Concen: 0.434 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion: 99 Resp: 4056

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.9	22.3
71	42.5	33.0	49.6

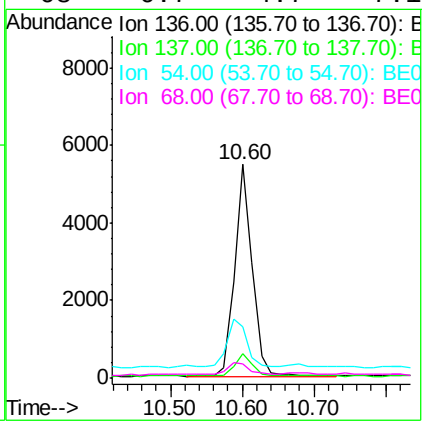


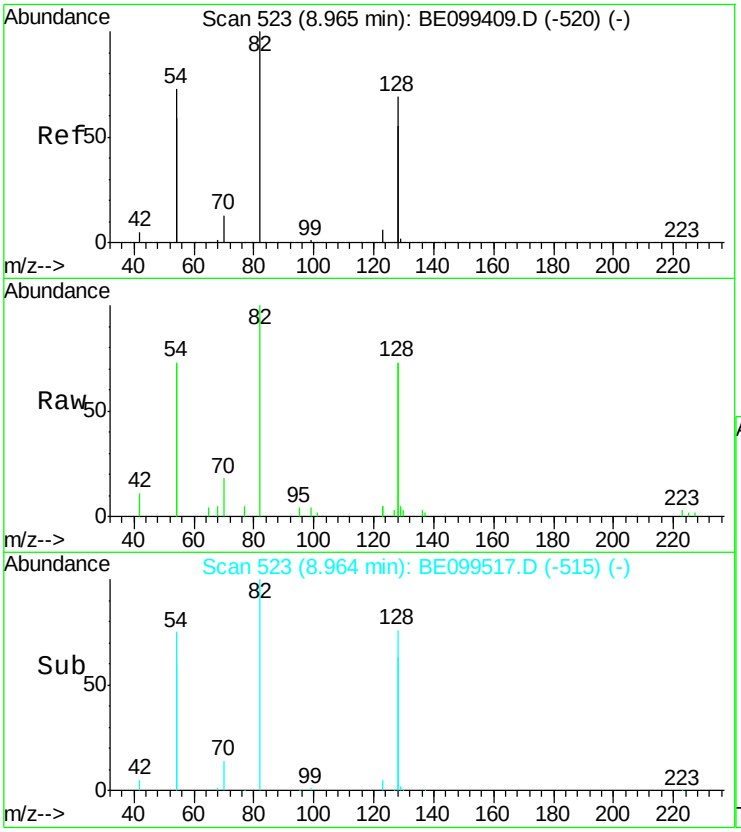


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:136 Resp: 9235

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	23.9	18.5	27.7
68	6.7	4.7	7.1



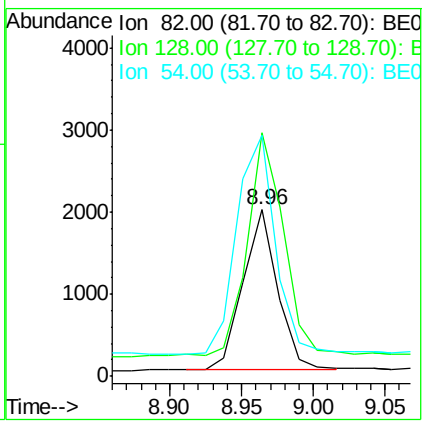


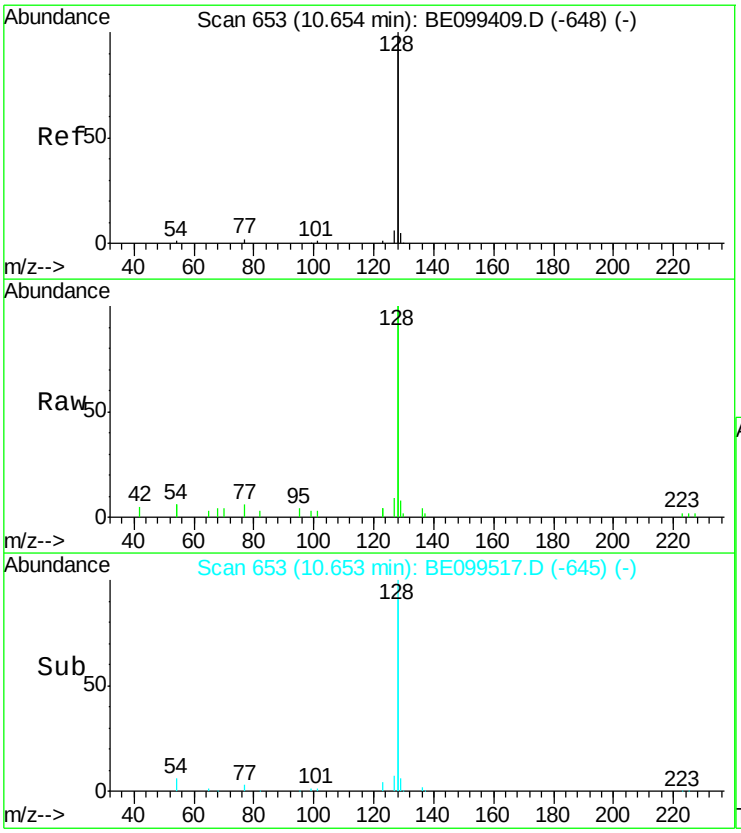
#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion: 82 Resp: 3283

Ion	Ratio	Lower	Upper
82	100		
128	146.4	107.0	160.4
54	145.0	113.1	169.7

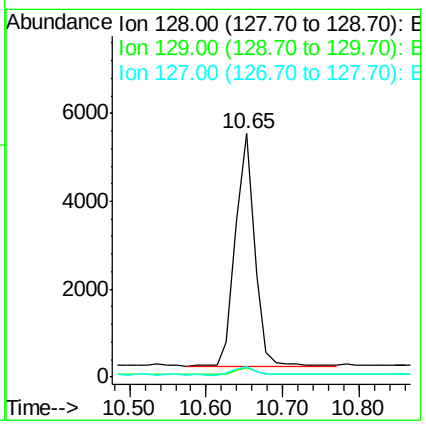


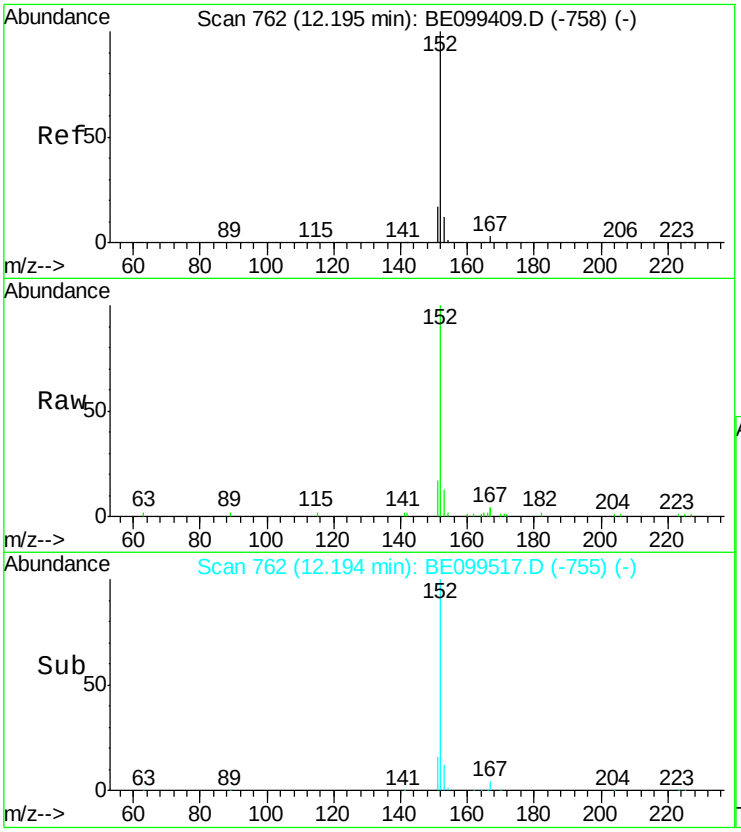


#9
Naphthalene
Concen: 0.092 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:128 Resp: 9276

Ion	Ratio	Lower	Upper
128	100		
129	3.9	2.4	3.6#
127	4.4	2.8	4.2#



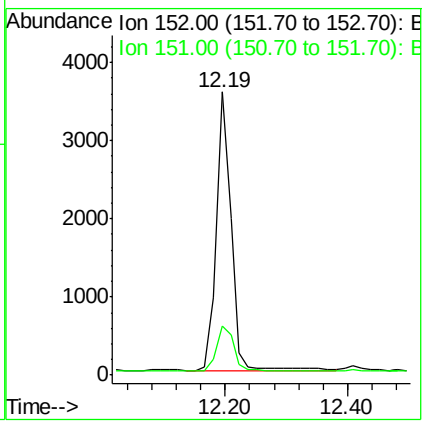


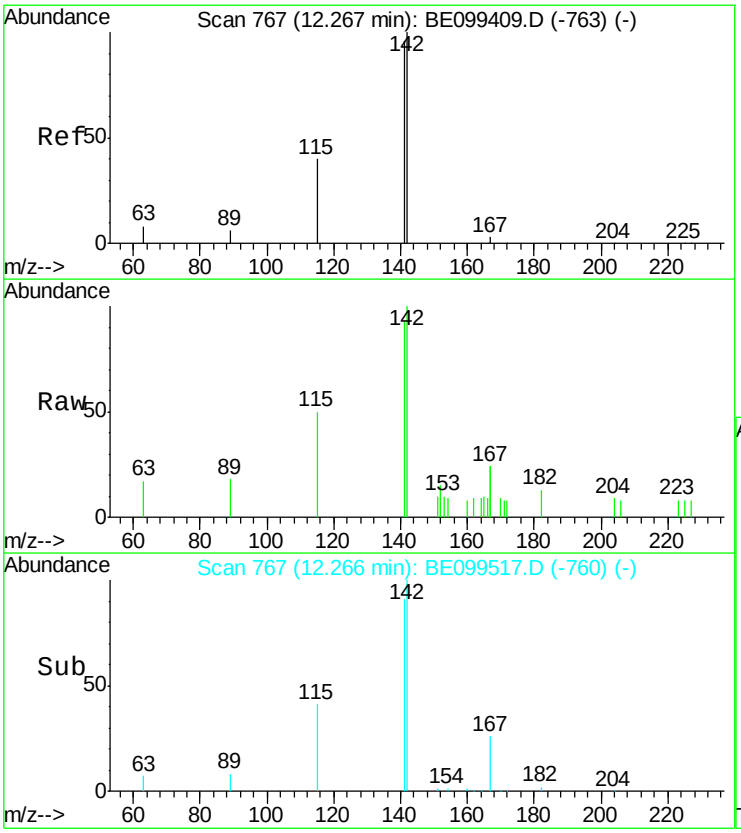
#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:152 Resp: 5989

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3

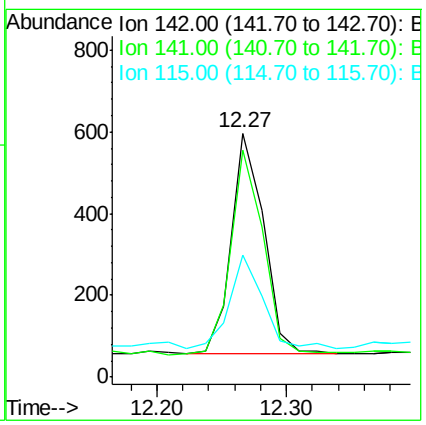


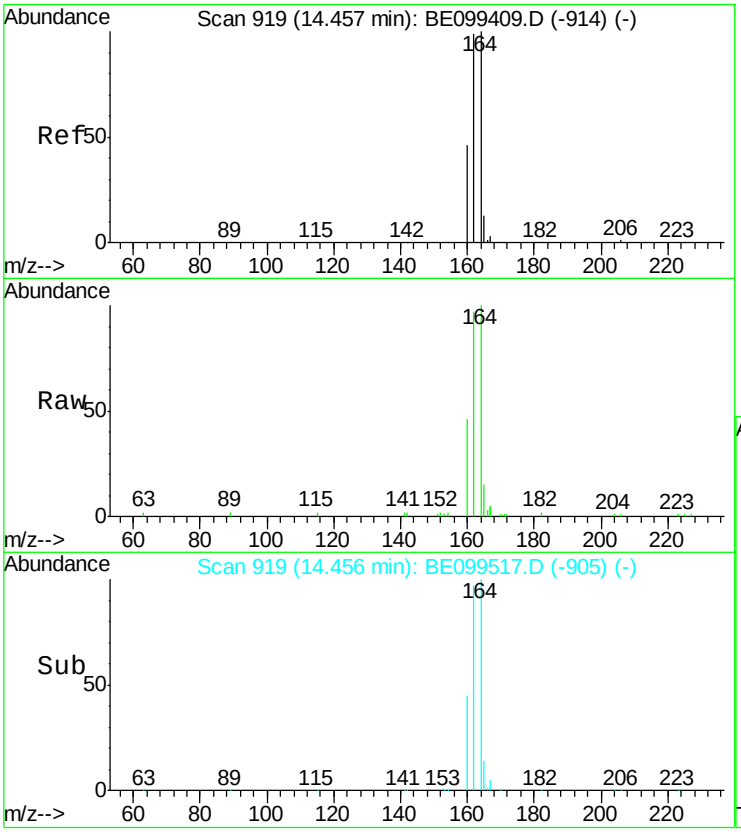


#12
2-Methylnaphthalene
Concen: 0.054 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:142 Resp: 937

Ion	Ratio	Lower	Upper
142	100		
141	93.3	77.0	115.4
115	49.8	33.4	50.0



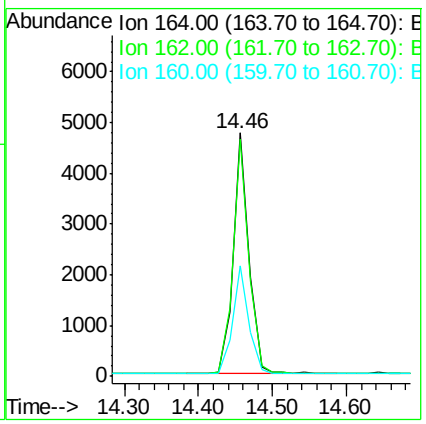


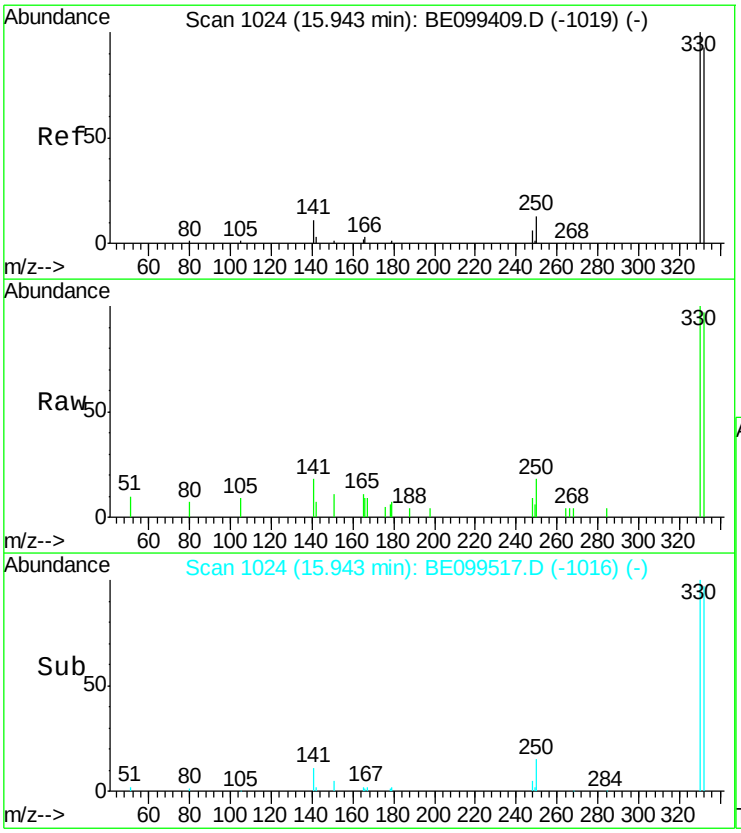
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:164 Resp: 7034

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.0	118.4
160	45.6	37.0	55.4

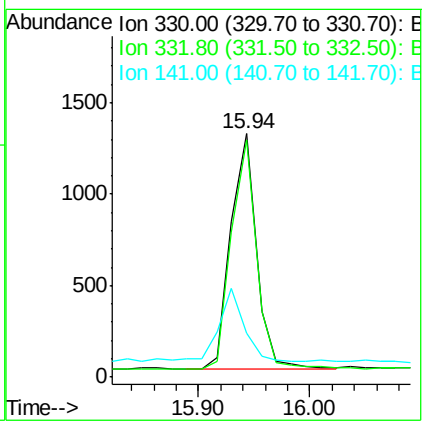


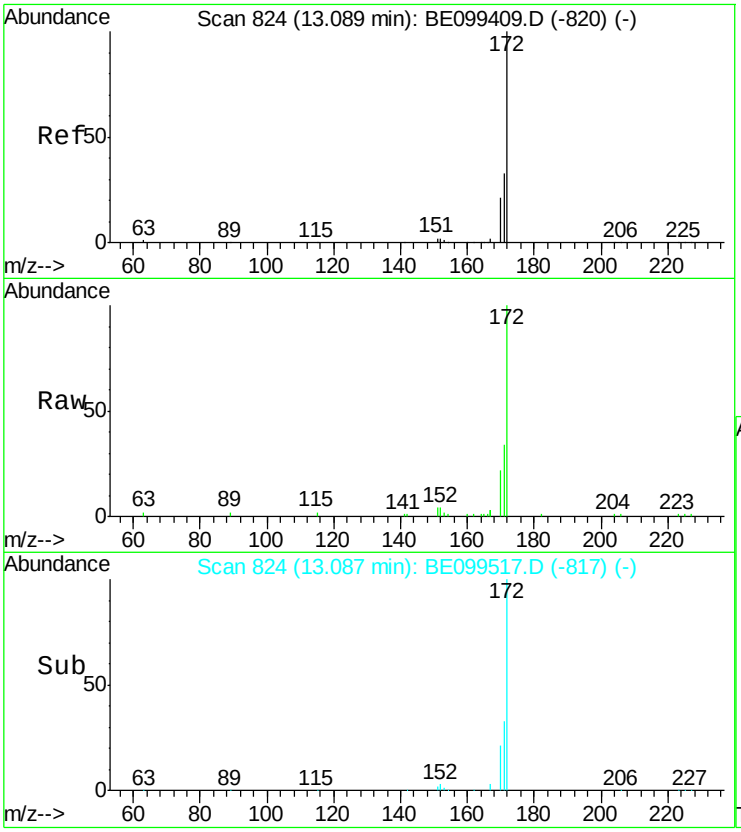


#14
2,4,6-Tribromophenol
Concen: 0.460 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:330 Resp: 2040

Ion	Ratio	Lower	Upper
330	100		
332	96.0	71.5	107.3
141	30.9	24.0	36.0



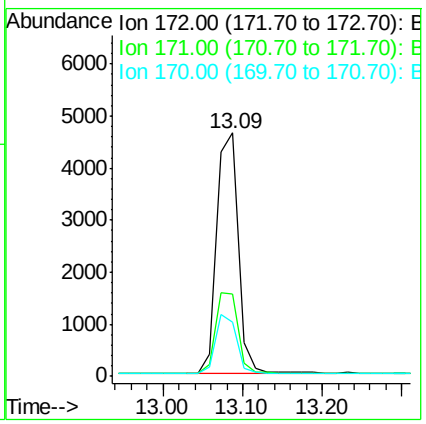


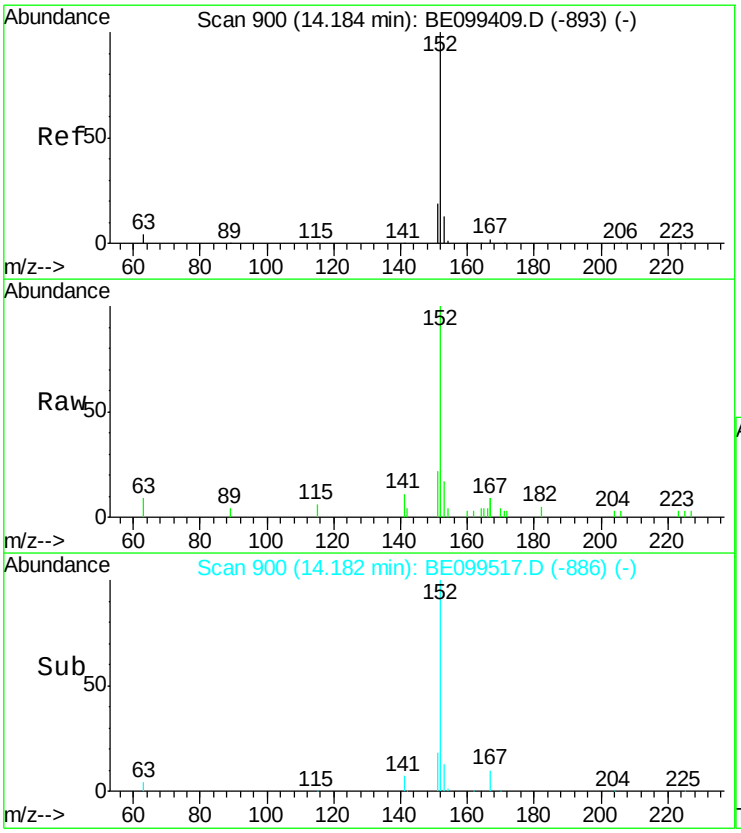
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:172 Resp: 8791

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.6	39.8
170	22.3	17.0	25.6

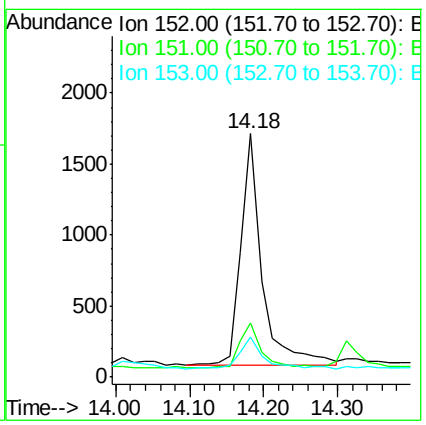


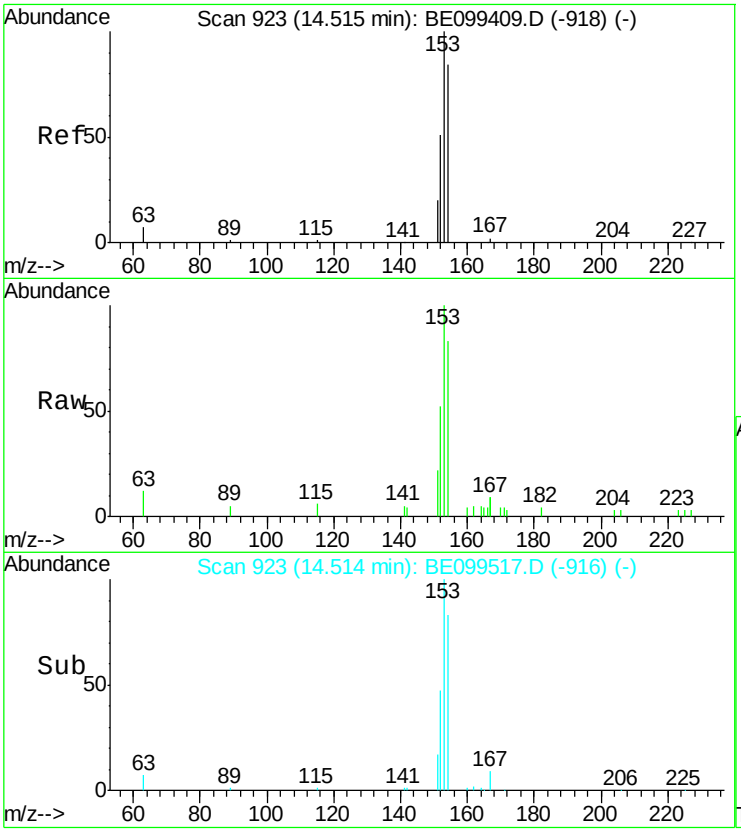


#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:152 Resp: 3195

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	15.3	9.8	14.6#



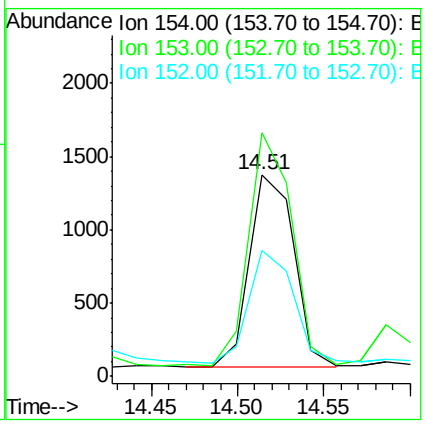


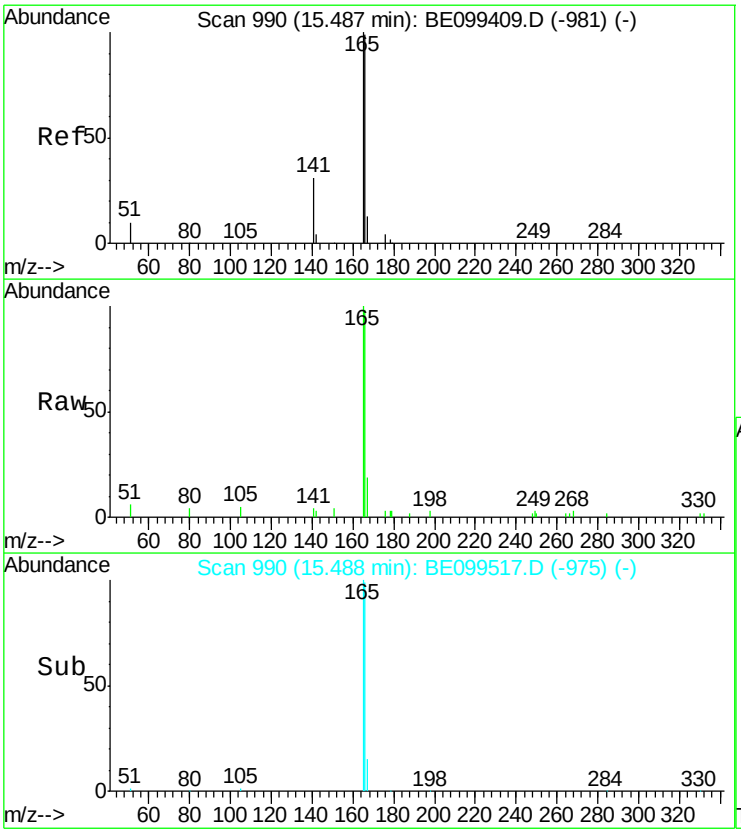
#17
Acenaphthene
Concen: 0.120 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:154 Resp: 2366

Ion	Ratio	Lower	Upper
154	100		
153	118.5	92.6	138.8
152	56.3	45.8	68.8

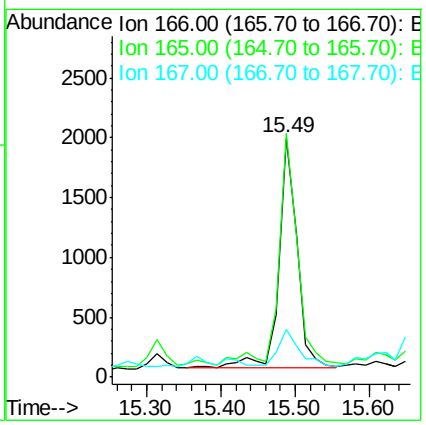


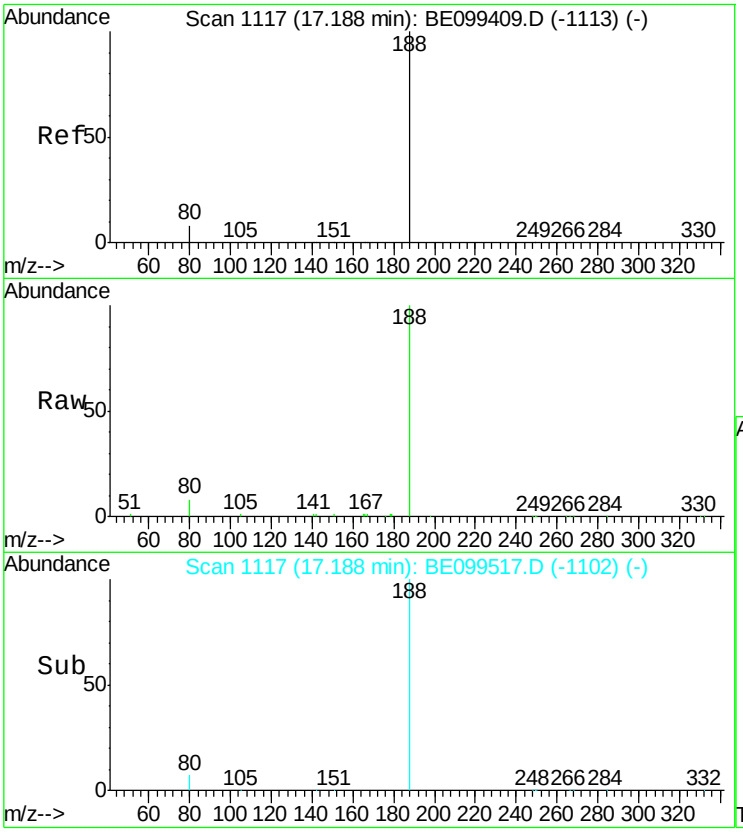


#18
Fluorene
Concen: 0.113 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:166 Resp: 3274

Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.3	120.5
167	18.1	10.7	16.1#



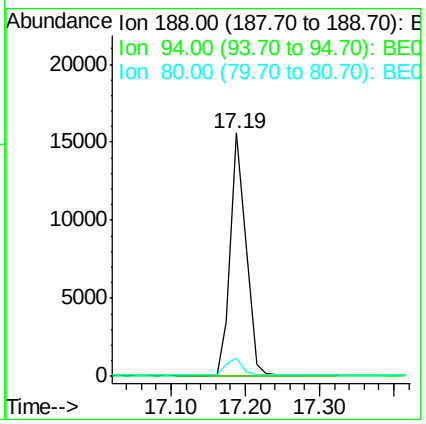


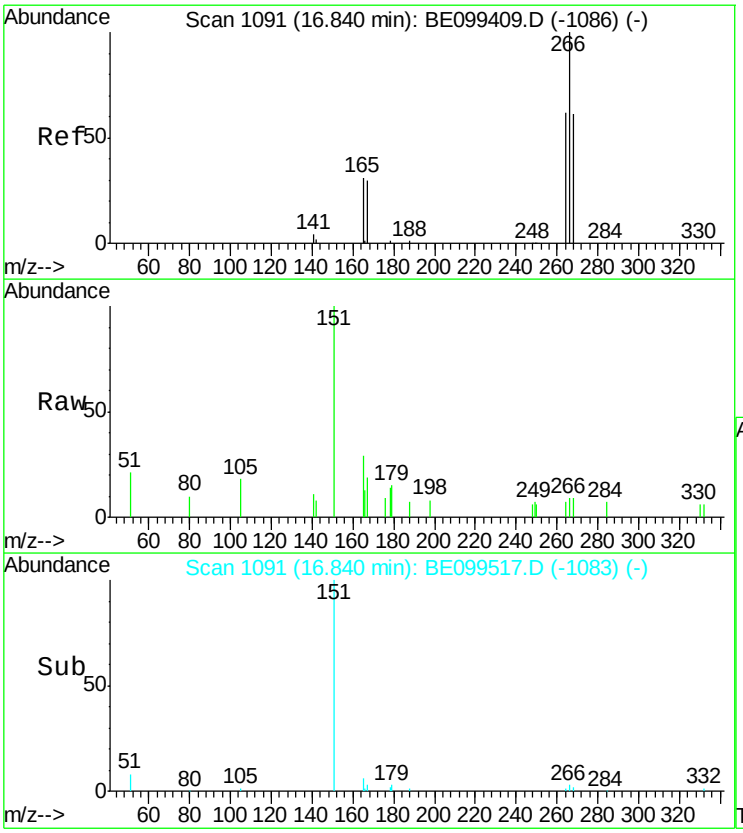
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:188 Resp: 22644

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.7	10.1

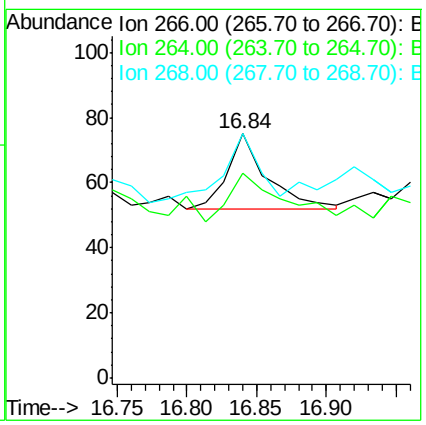


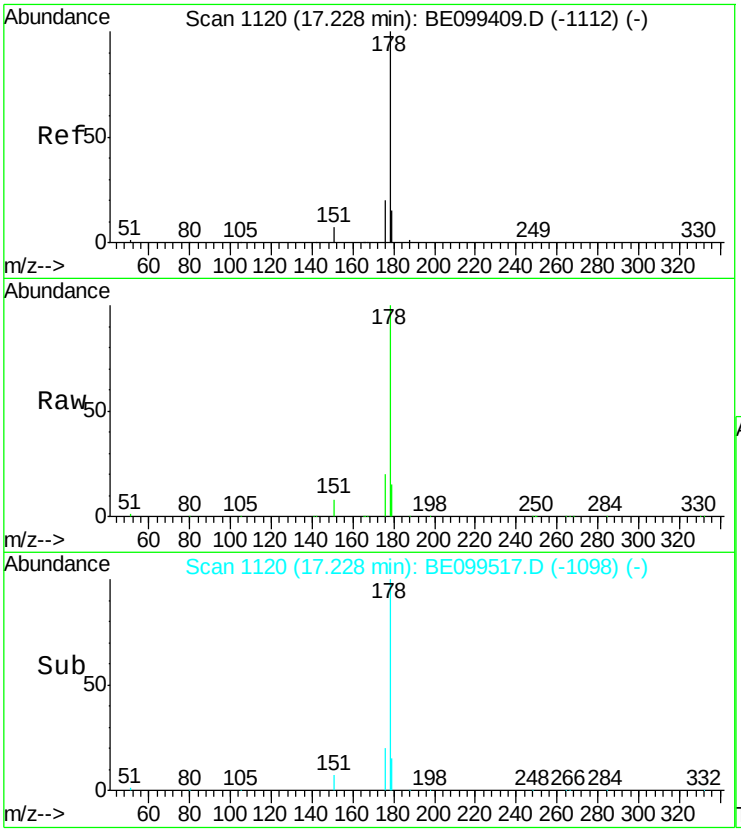


#22
Pentachlorophenol
Concen: 0.222 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:266 Resp: 45

Ion	Ratio	Lower	Upper
266	100		
264	84.0	50.8	76.2#
268	100.0	50.5	75.7#



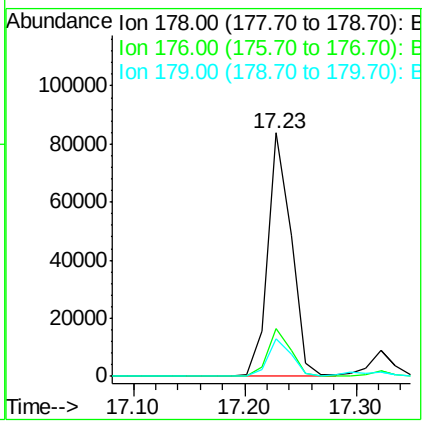


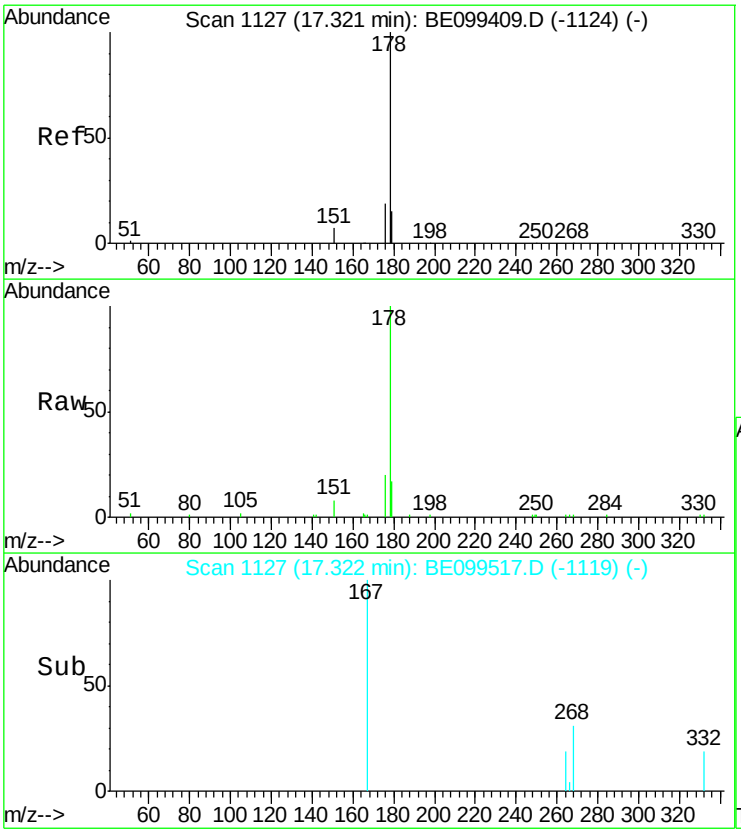
#23
Phenanthrene
Concen: 2.112 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:178 Resp: 123430

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.5	12.0	18.0

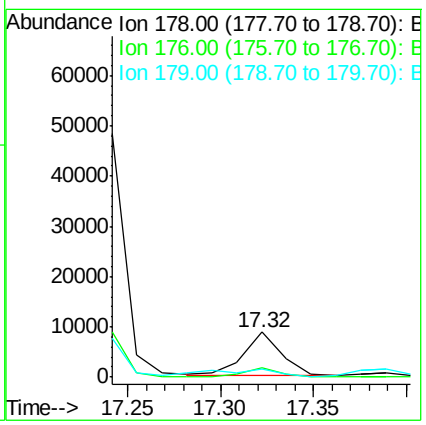


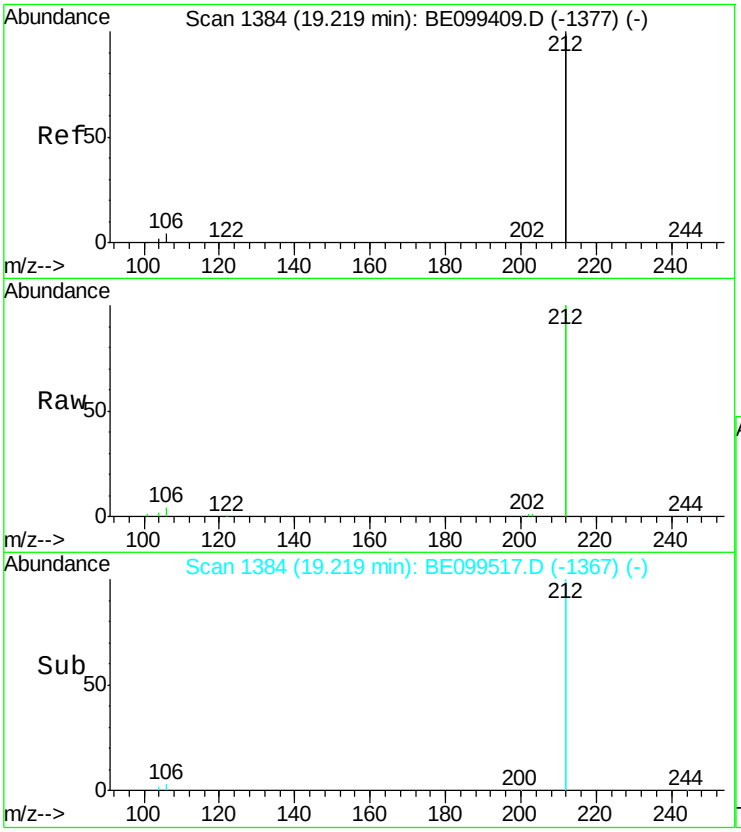


#24
Anthracene
Concen: 0.215 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:178 Resp: 11955

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.9	22.3
179	29.3	11.9	17.9#



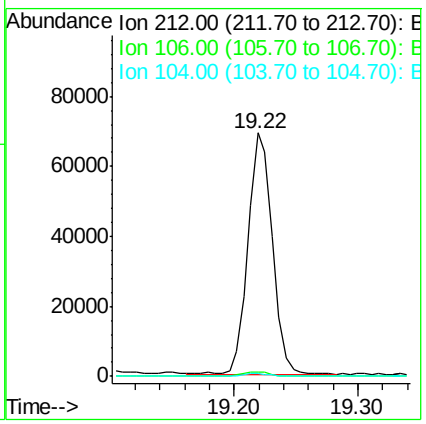


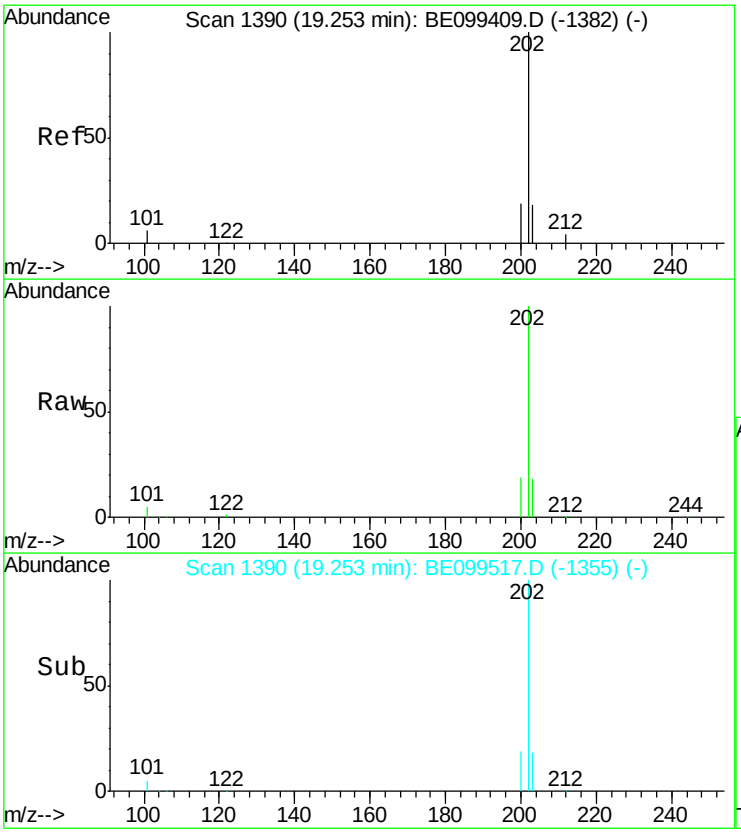
#25
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:212 Resp: 94477

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3

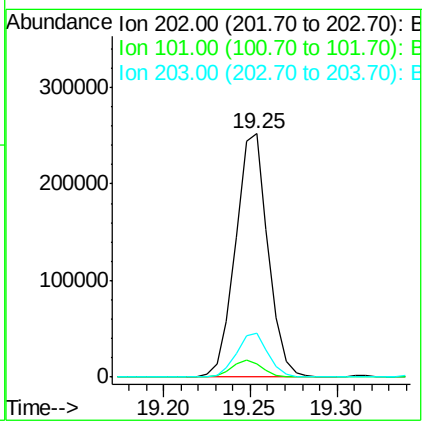


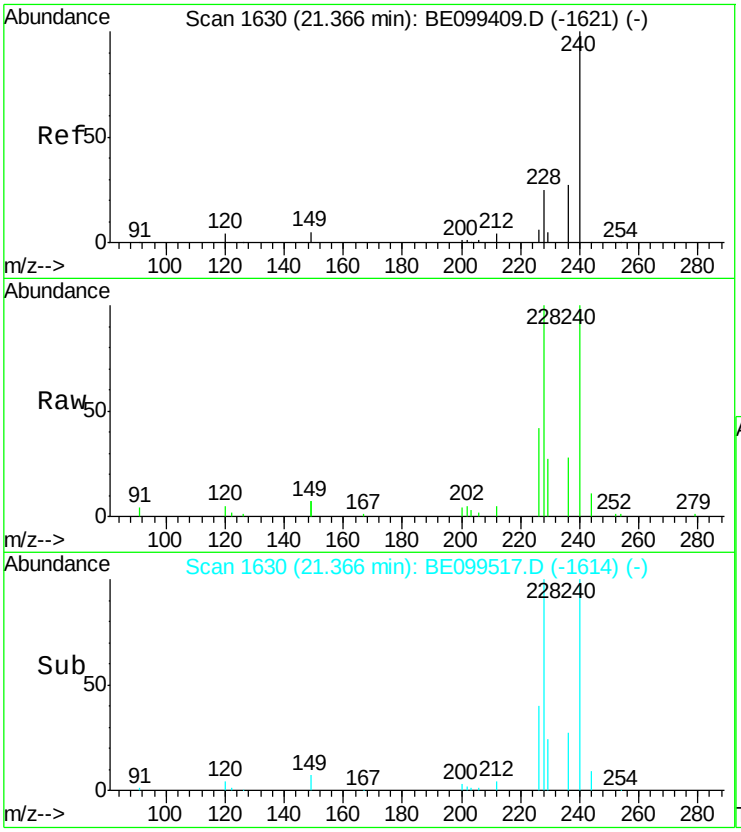


#26
Fluoranthene
Concen: 3.742 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:202 Resp: 327515

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.4	8.0
203	17.6	13.9	20.9



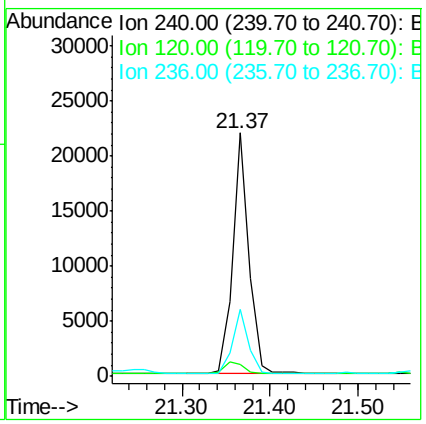


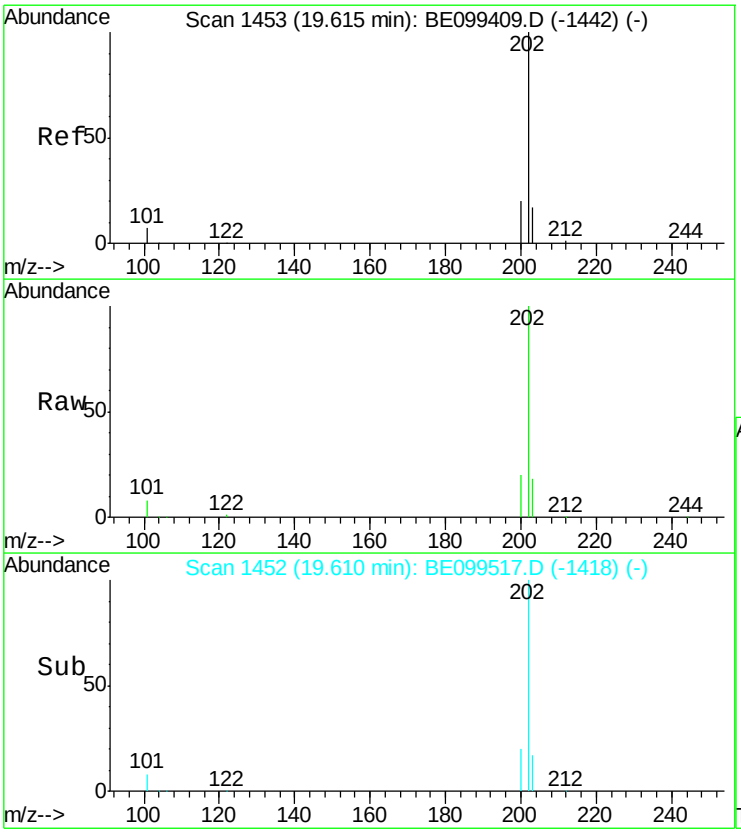
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:240 Resp: 28193

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.0	6.0
236	27.7	22.0	33.0

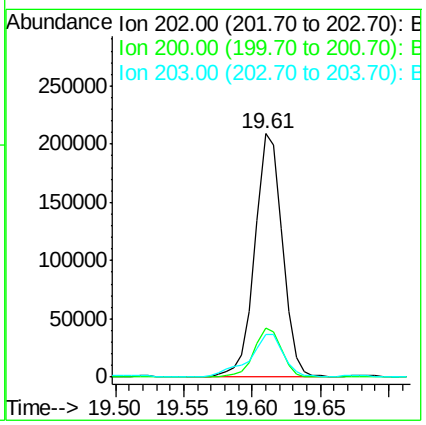


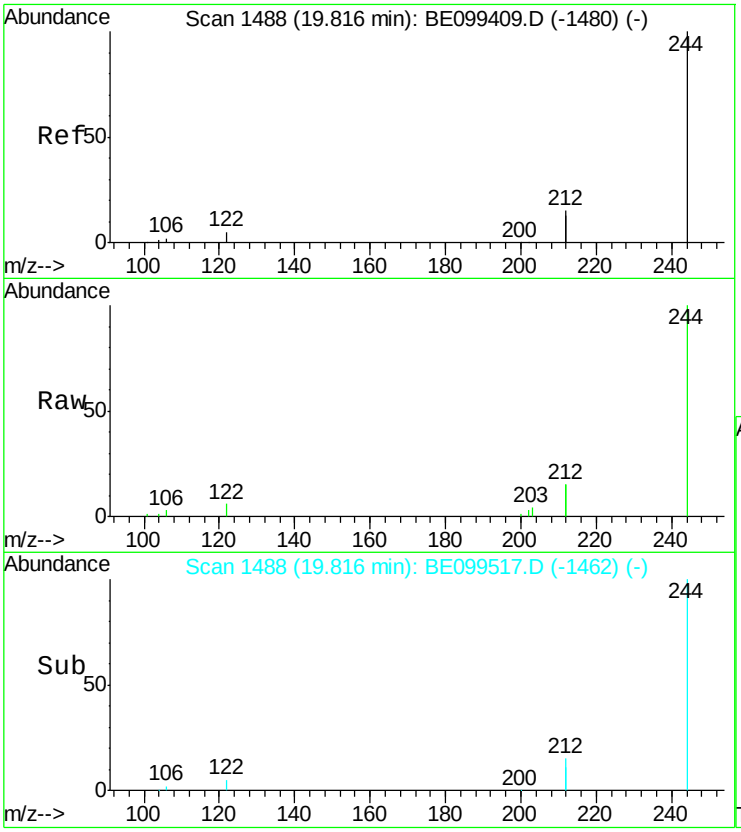


#28
Pyrene
Concen: 3.946 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:202 Resp: 290018

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	21.5	13.9	20.9#



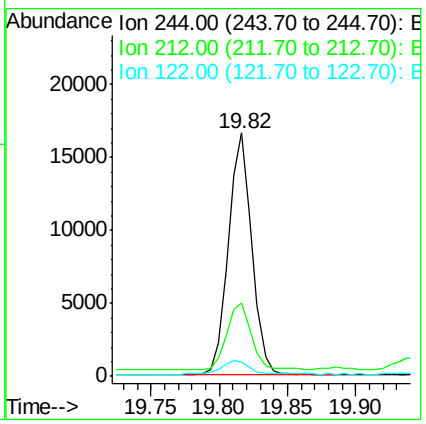


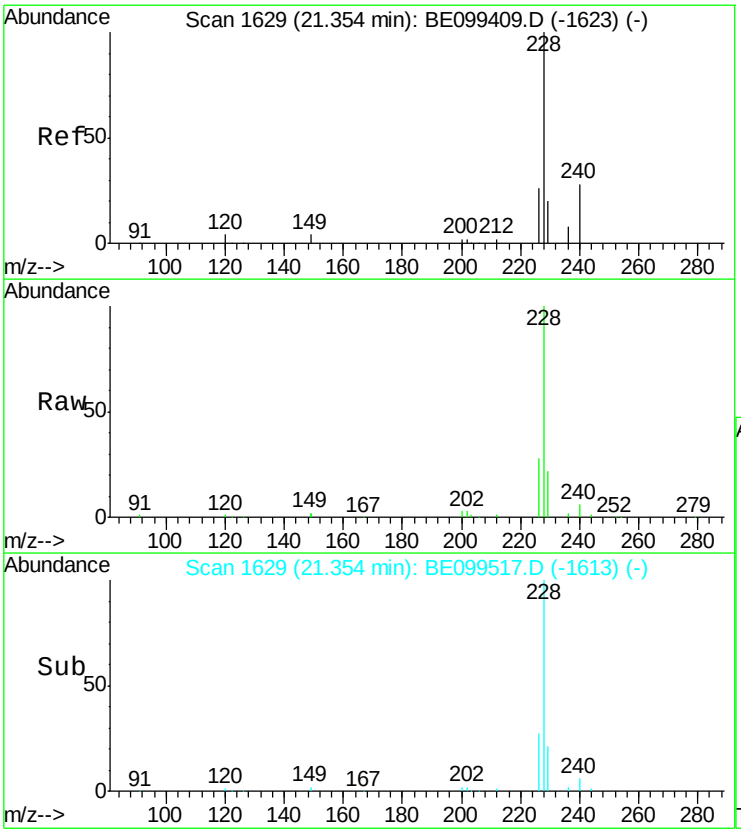
#29
Terphenyl-d14
Concen: 0.384 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:244 Resp: 19821

Ion	Ratio	Lower	Upper
244	100		
212	30.3	23.2	34.8
122	5.8	4.2	6.4

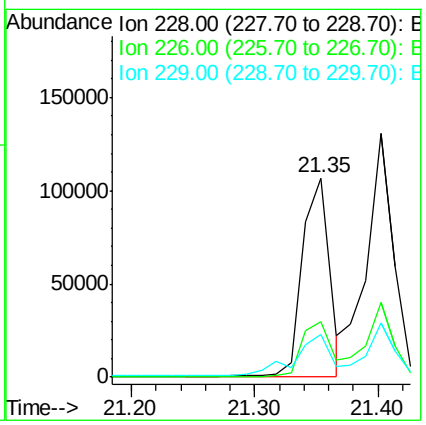


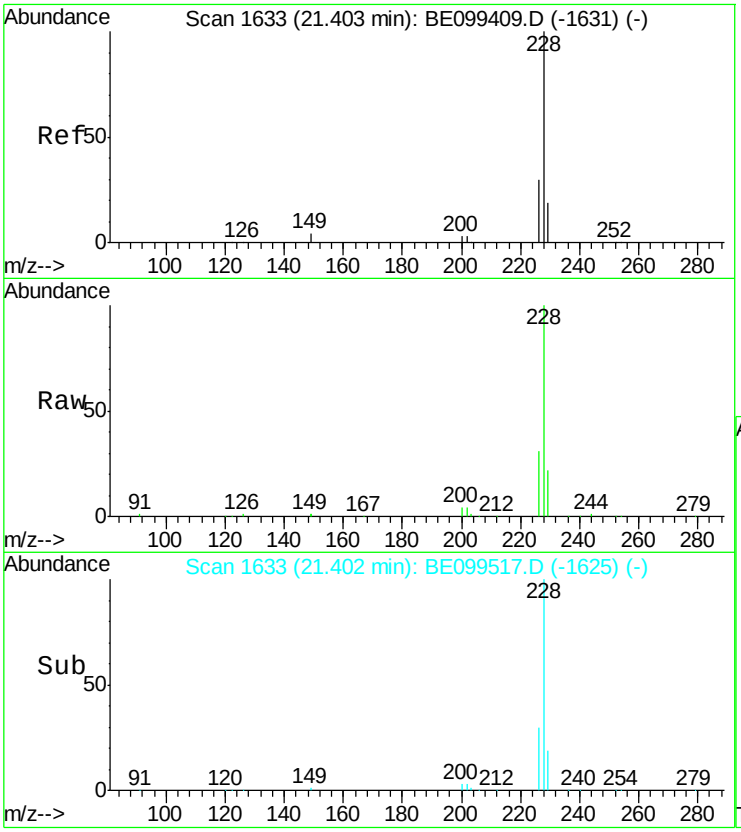


#30
Benzo(a)anthracene
Concen: 1.797 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:228 Resp: 161375

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.0	31.6
229	21.7	16.6	25.0



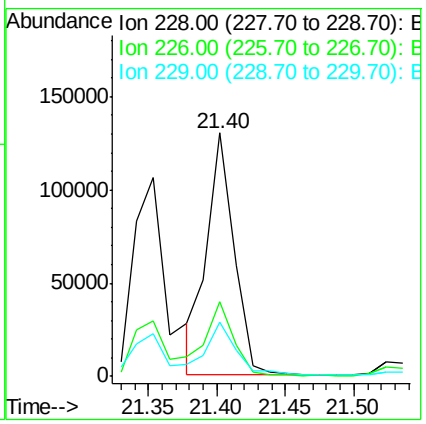


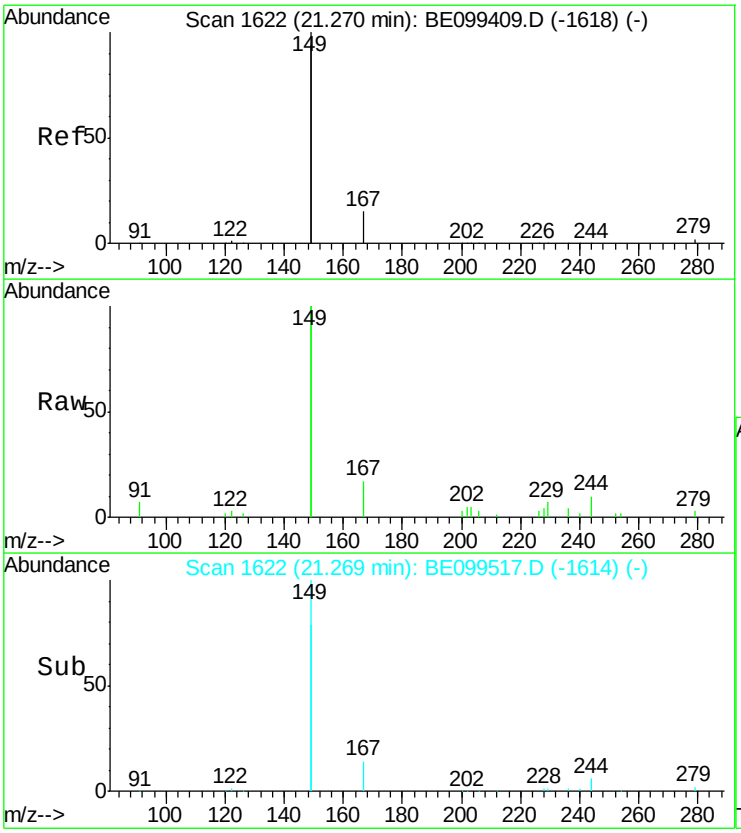
#31
Chrysene
Concen: 2.026 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:228 Resp: 178070

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.0	15.8	23.8

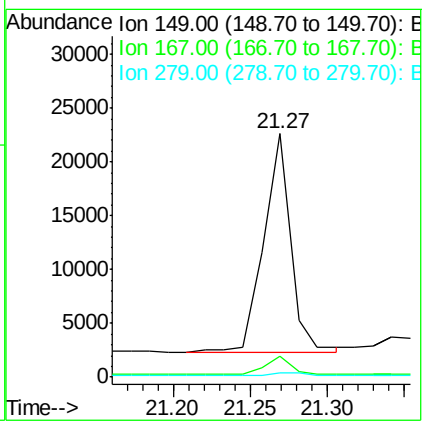


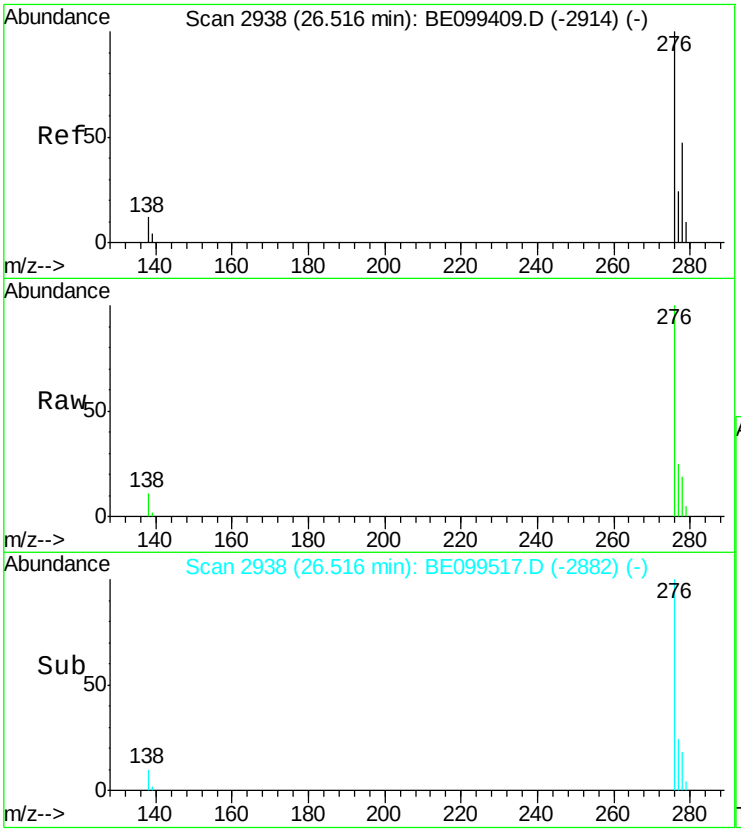


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.126 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:149 Resp: 25060

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.5	1.0	1.6



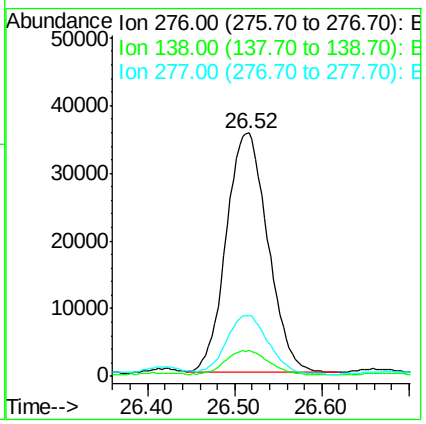


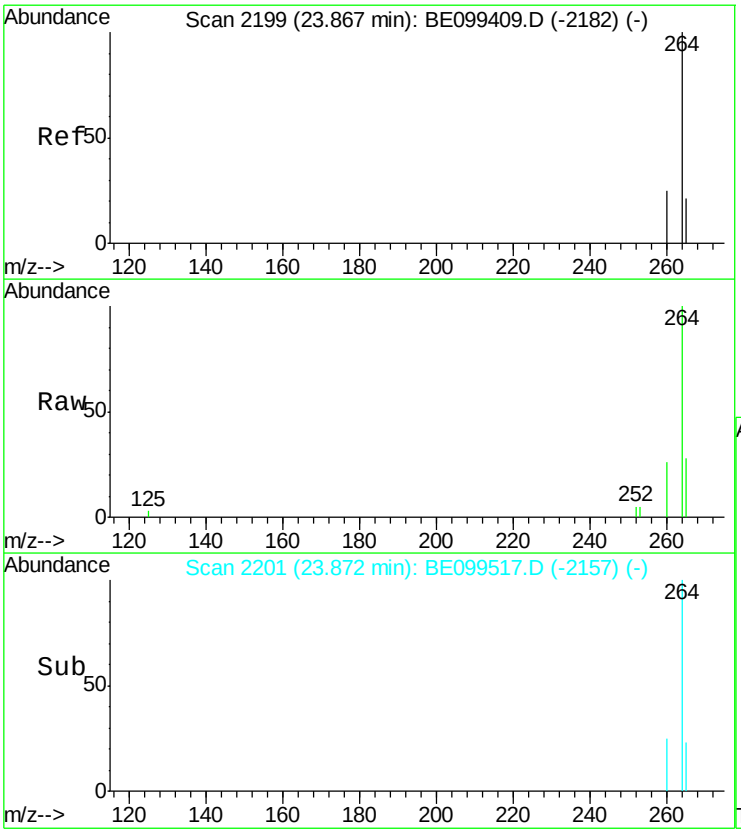
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.127 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:276 Resp: 117076

Ion	Ratio	Lower	Upper
276	100		
138	10.3	10.2	15.2
277	24.9	19.2	28.8

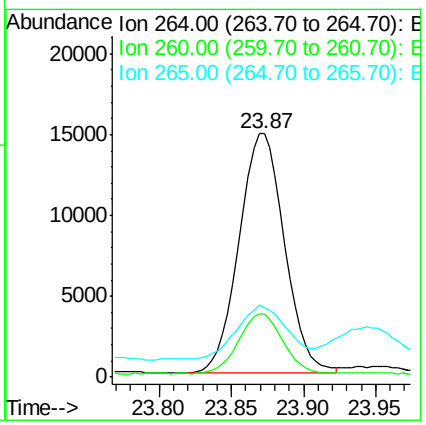


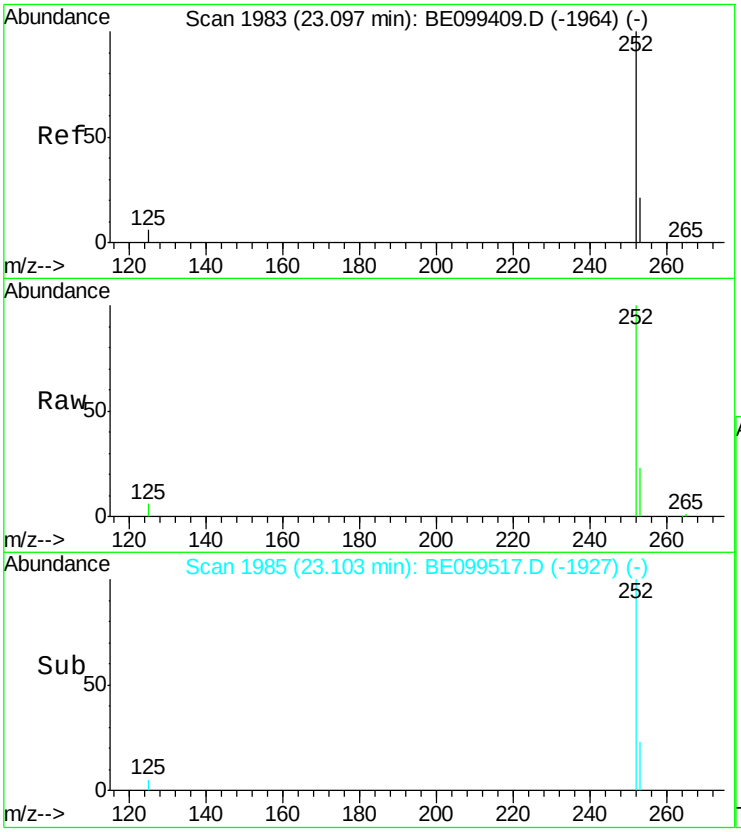


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:264 Resp: 31893

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.2
265	28.5	21.3	31.9



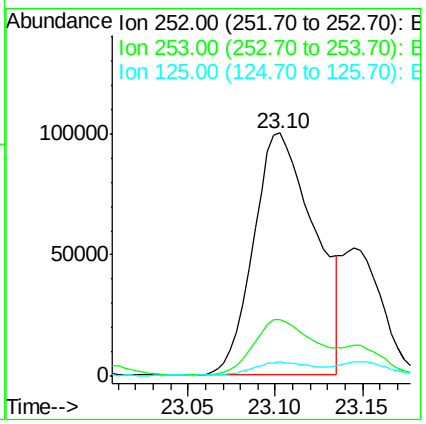


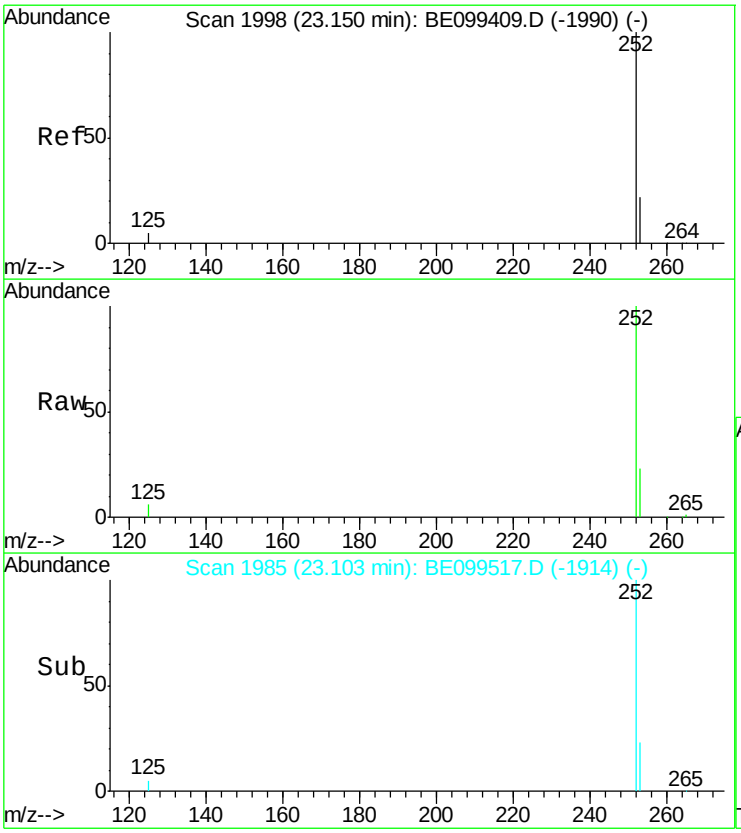
#35
Benzo(b)fluoranthene
Concen: 2.655 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:252 Resp: 244176

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	5.8	5.6	8.4

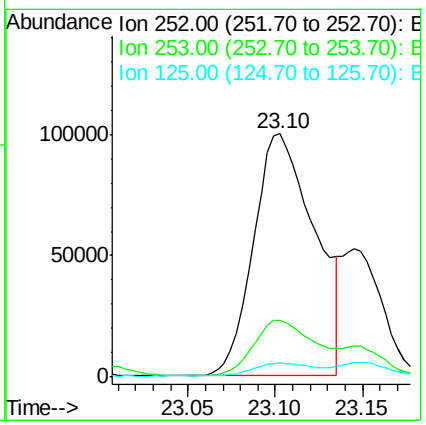


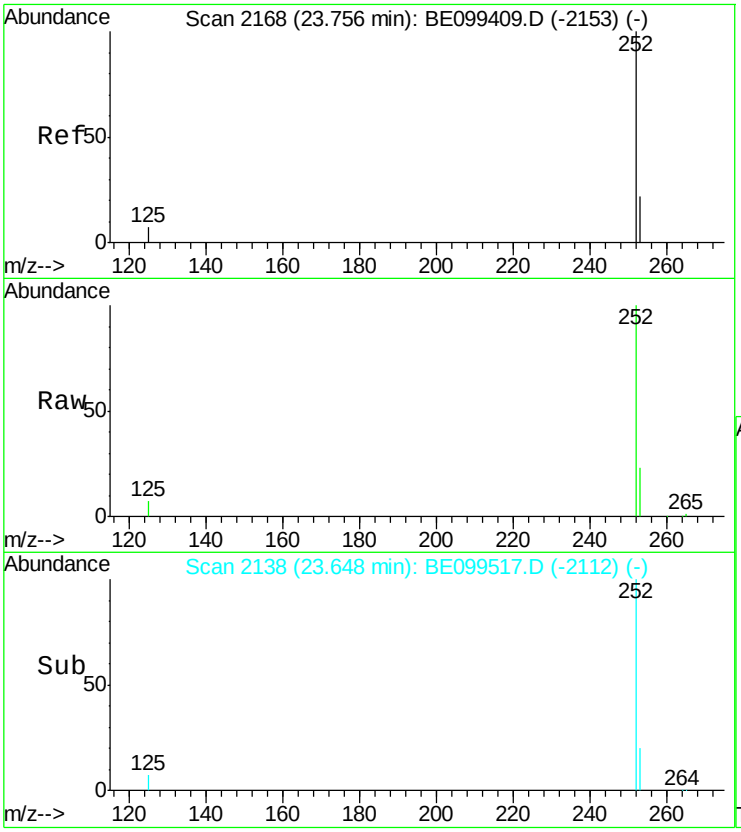


#36
Benzo(k)fluoranthene
Concen: 2.754 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:252 Resp: 244176

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	5.8	5.0	7.4



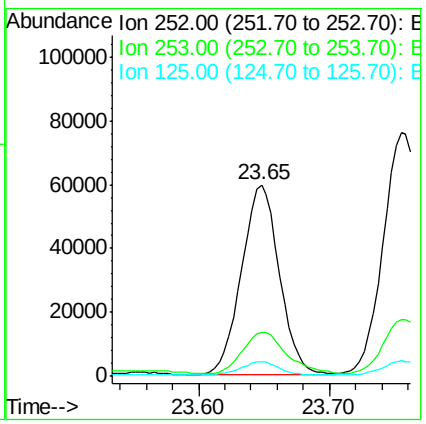


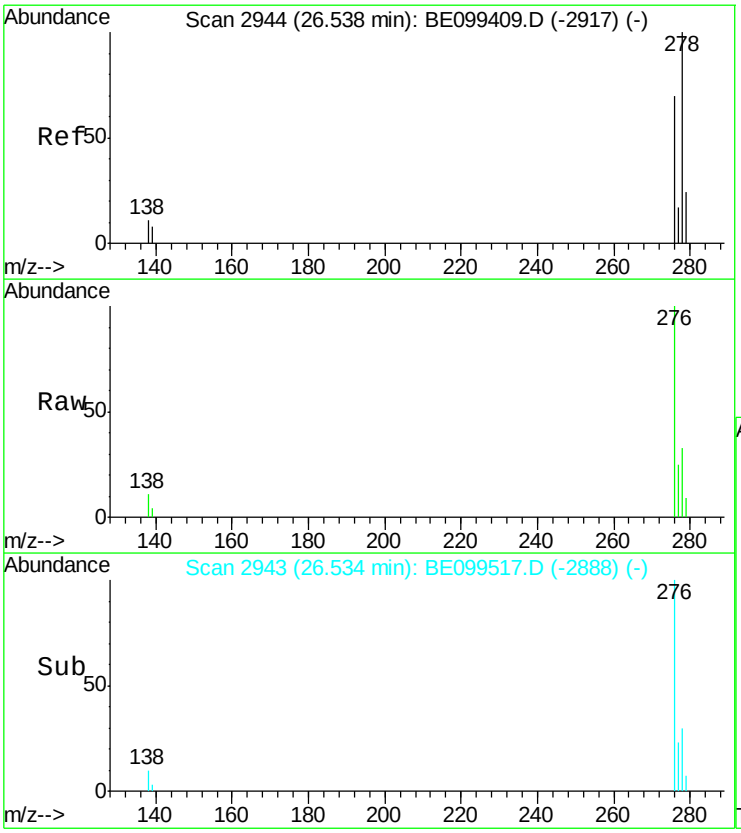
#37
Benzo(a)pyrene
Concen: 1.372 ng
RT: 23.65 min Scan# 2138
Delta R.T. -0.11 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:252 Resp: 119245

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	7.4	6.7	10.1

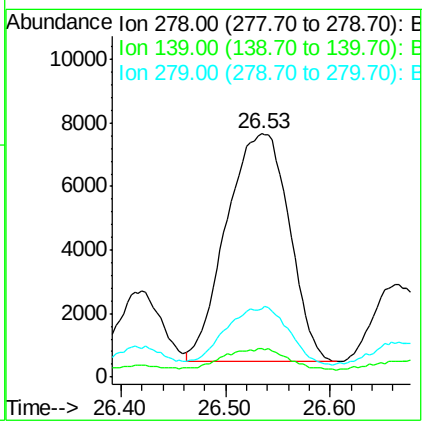


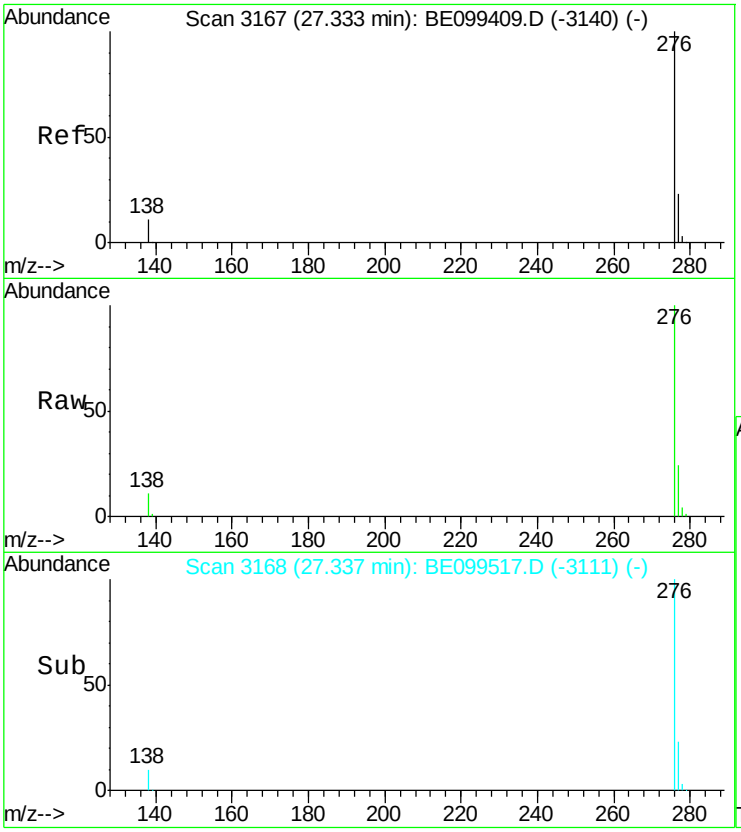


#38
Dibenzo(a,h)anthracene
Concen: 0.337 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Tgt Ion:278 Resp: 29943

Ion	Ratio	Lower	Upper
278	100		
139	11.6	7.7	11.5#
279	28.2	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 1.283 ng
RT: 27.34 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BE099517.D
Acq: 3 May 2019 6:08

Instrument :
BNA_E
ClientSampleId :
PST-004-B169-042319

Tgt Ion:276 Resp: 114333

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	10.9	9.6	14.4