Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099502.D
Acq On : 2 May 2019 20:32
Operator : JU/SJ
Sample : K2589-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-B196-042519MS

Quant Time: May 03 02:11:04 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	2254	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	7629	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	5536	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	17237	0.40	ng		0.00
27) Chrysene-d12	21.37	240	25361	0.40	ng		0.00
34) Perylene-d12	23.87	264	29188	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1706	0.27	ng		0.00
5) Phenol-d6	6.96	99	2635	0.32	ng		-0.01
8) Nitrobenzene-d5	8.96	82	2052	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	4336	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1052	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	5059	0.24	ng		-0.02
25) Fluoranthene-d10	19.22	212	57515	0.25	ng		0.00
29) Terphenyl-d14	19.82	244	12959	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	708	0.228	ng	#	63
3) n-Nitrosodimethylamine	3.62	42	699	0.374	ng	#	83
6) bis(2-Chloroethyl)ether	7.23	93	1789	0.250	ng		90
9) Naphthalene	10.65	128	50359	0.606	ng		100
10) Hexachlorobutadiene	10.93	225	1488	0.257	ng		98
12) 2-Methylnaphthalene	12.27	142	28626	1.980	ng		97
16) Acenaphthylene	14.18	152	16197	0.598	ng		98
17) Acenaphthene	14.51	154	4774	0.309	ng		97
18) Fluorene	15.49	166	10284	0.451	ng		99
20) 4-Bromophenyl-phenylether	16.39	248	2521	0.251	ng		96
21) Hexachlorobenzene	16.49	284	2296	0.240	ng		95
22) Pentachlorophenol	16.84	266	3267	0.784	ng		96
23) Phenanthrene	17.23	178	41831	0.940	ng		100
24) Anthracene	17.32	178	15695	0.370	ng		98
26) Fluoranthene	19.25	202	69103	1.037	ng		100
28) Pyrene	19.61	202	69466	1.051	ng		97
30) Benzo(a)anthracene	21.35	228	56927	0.705	ng		96
31) Chrysene	21.40	228	53502	0.677	ng		99
32) Bis(2-ethylhexyl)phthalate	21.27	149	51360	0.379	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	49460	0.529	ng		98
35) Benzo(b)fluoranthene	23.10	252	62315	0.740	ng	#	96
36) Benzo(k)fluoranthene	23.15	252	40075	0.494	ng	#	97
37) Benzo(a)pyrene	23.76	252	52019	0.654	ng		99
38) Dibenzo(a,h)anthracene	26.54	278	27951	0.343	ng		98
39) Benzo(g,h,i)perylene	27.33	276	45660	0.560	ng		99

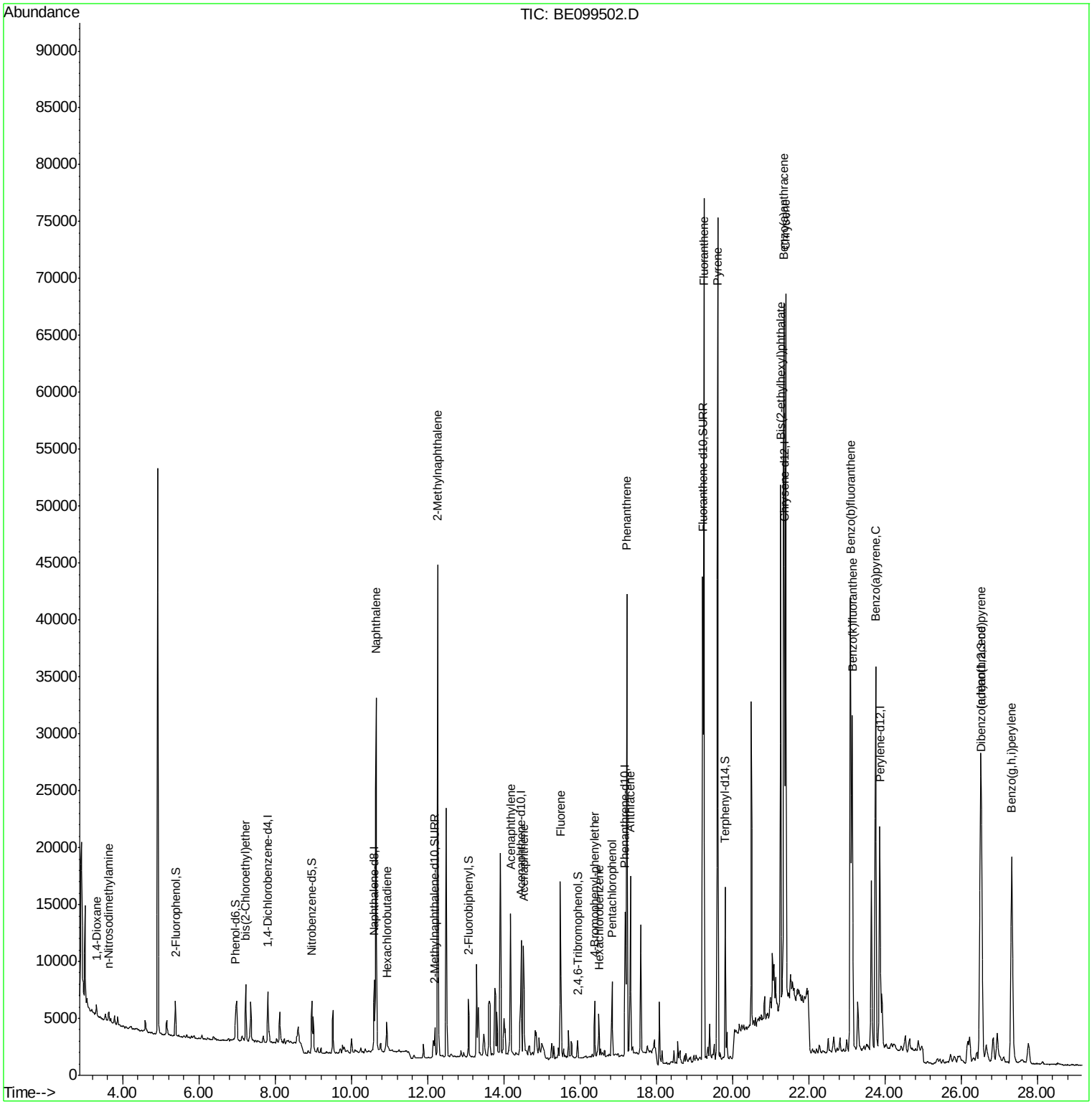
(#) = qualifier out of range (m) = manual integration (+) = signals summed

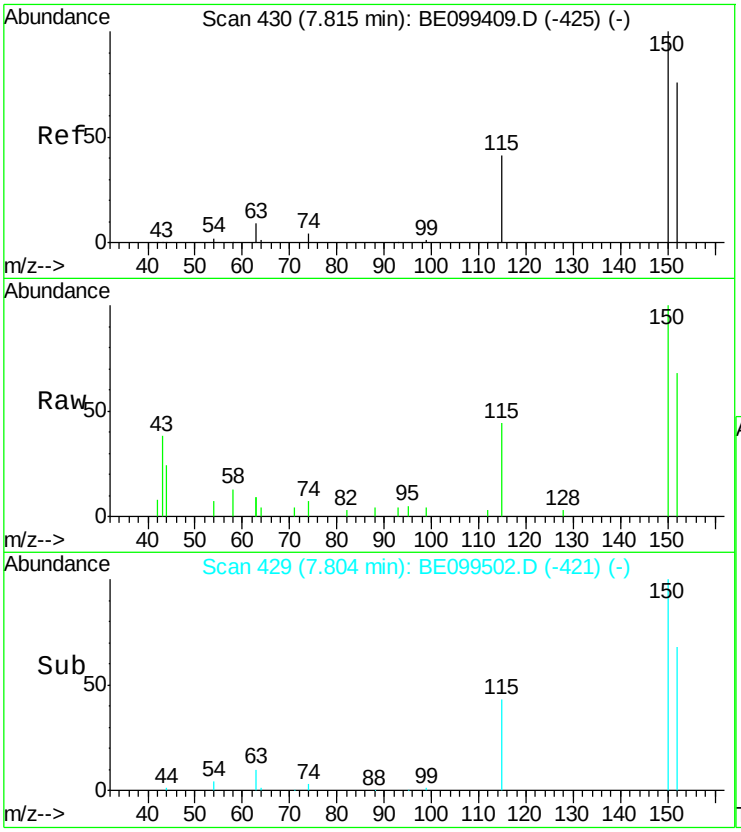
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099502.D
Acq On : 2 May 2019 20:32
Operator : JU/SJ
Sample : K2589-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Quant Time: May 03 02:11:04 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



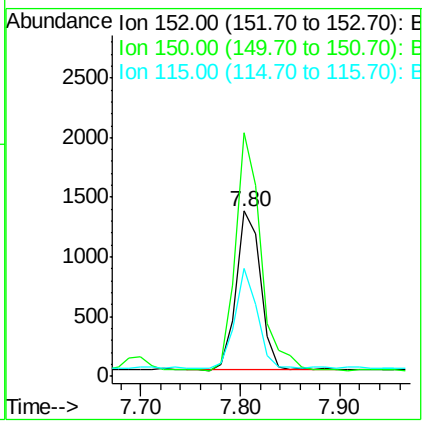


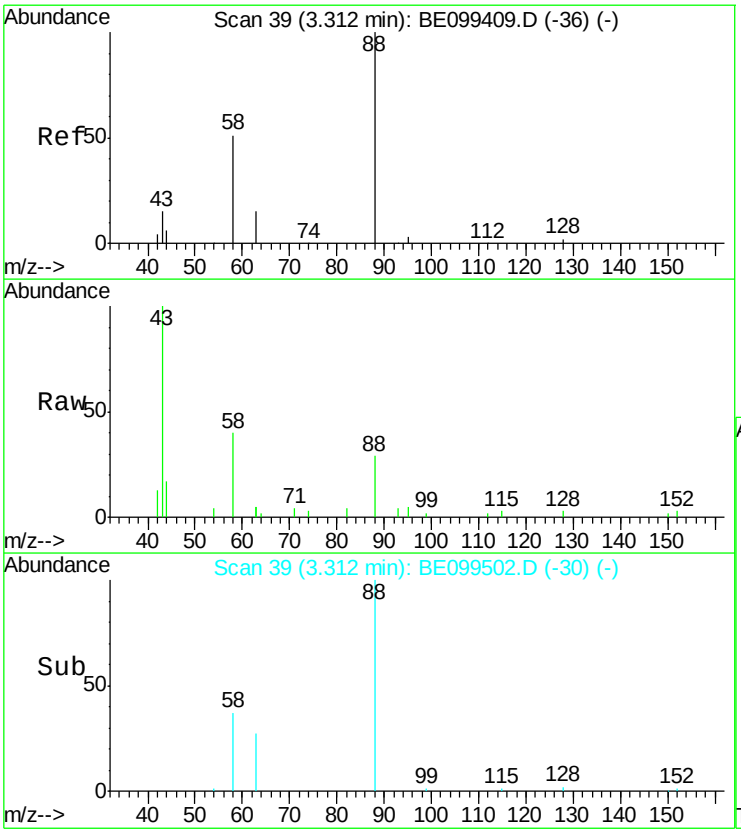
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:152 Resp: 2254

Ion	Ratio	Lower	Upper
152	100		
150	147.4	104.8	157.2
115	65.5	46.6	69.8

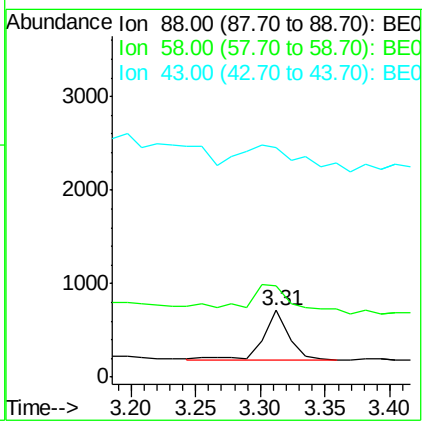


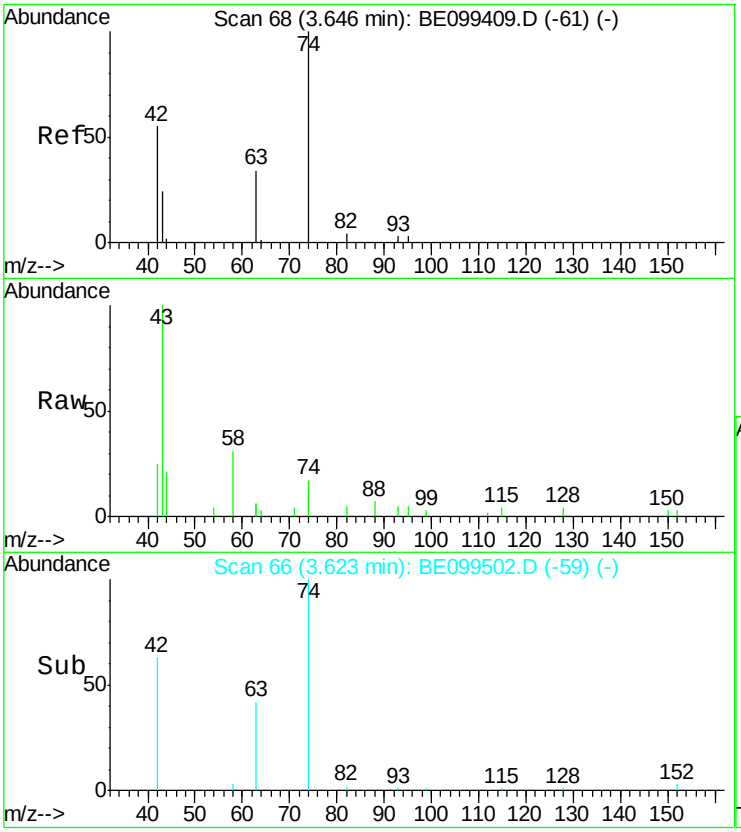


#2
1,4-Dioxane
Concen: 0.228 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion: 88 Resp: 708

Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.0	76.6
43	90.0	20.6	30.8#



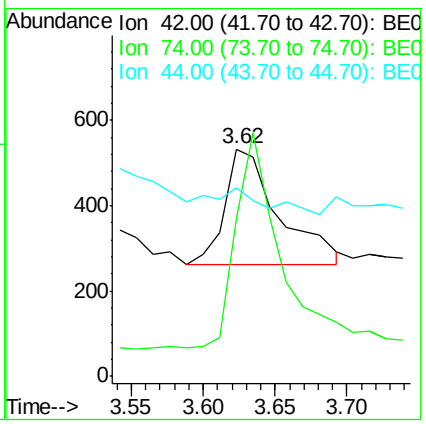


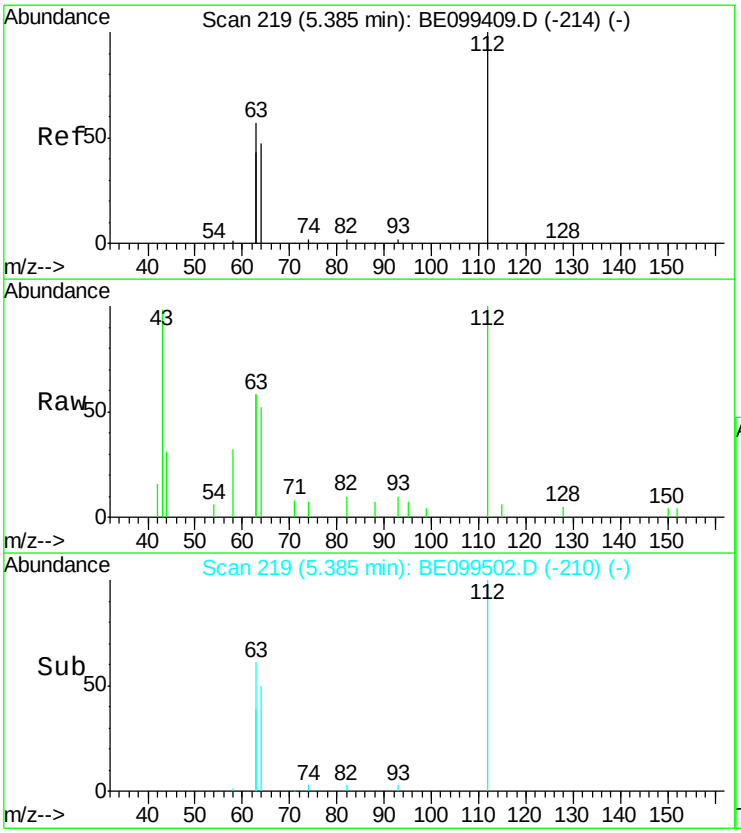
#3
n-Nitrosodimethylamine
Concen: 0.374 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion: 42 Resp: 699

Ion	Ratio	Lower	Upper
42	100		
74	152.6	141.6	212.4
44	14.7	0.0	0.0#

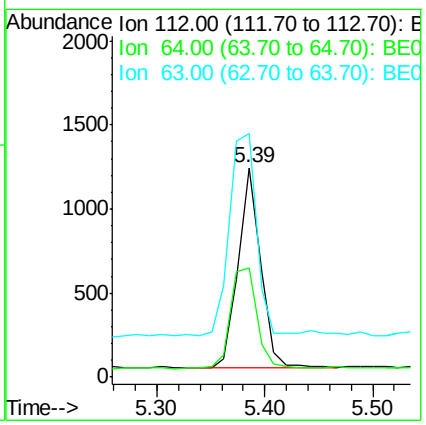


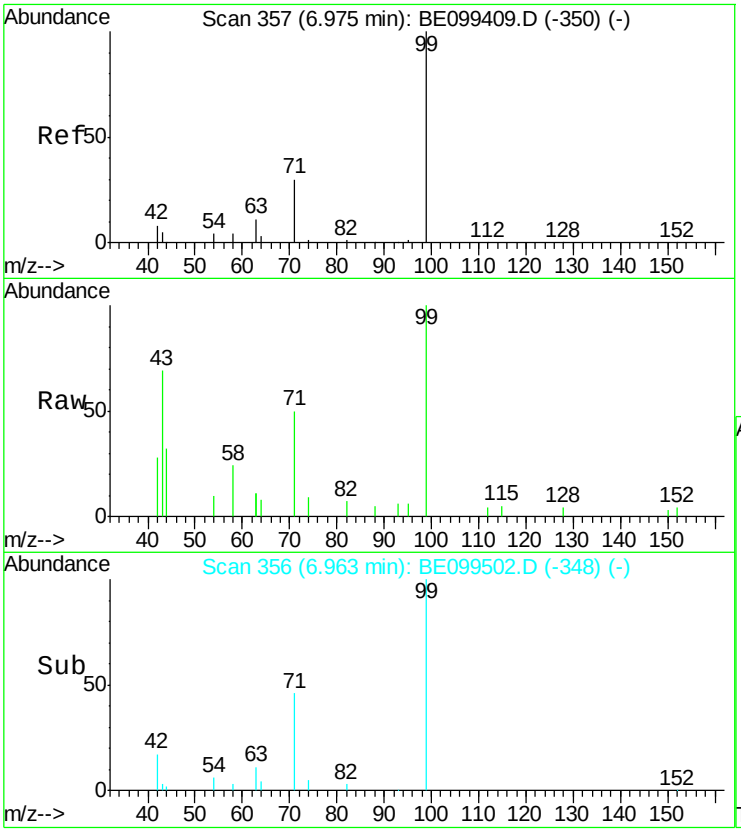


#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:112 Resp: 1706

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.4	71.0
63	120.3	104.3	156.5



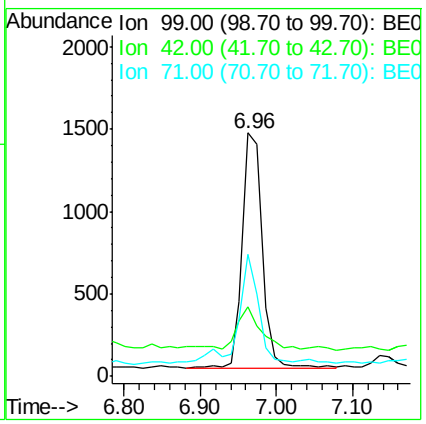


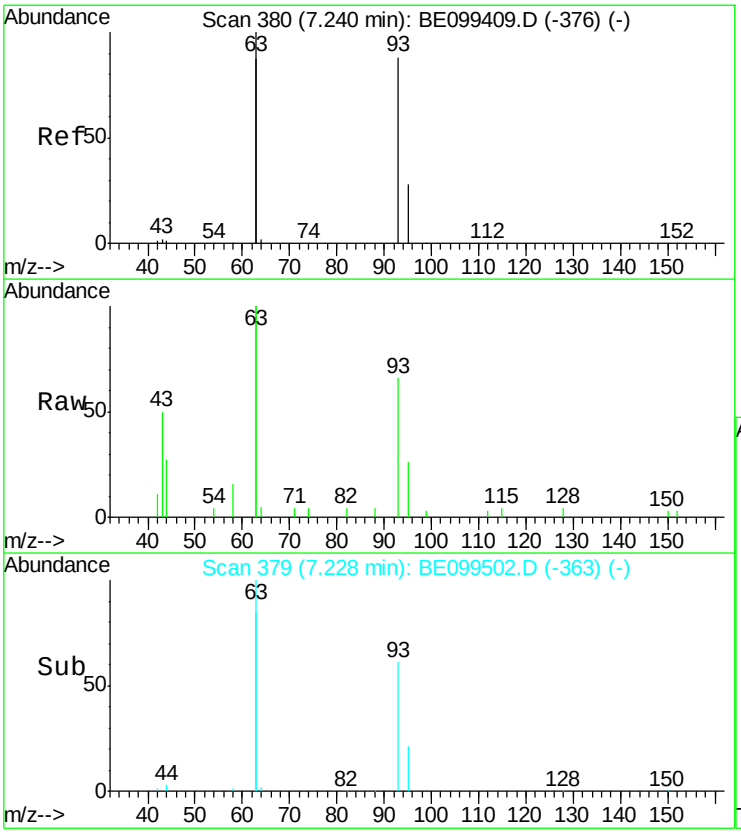
#5
Phenol-d6
Concen: 0.318 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion: 99 Resp: 2635

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.9	22.3
71	42.4	33.0	49.6

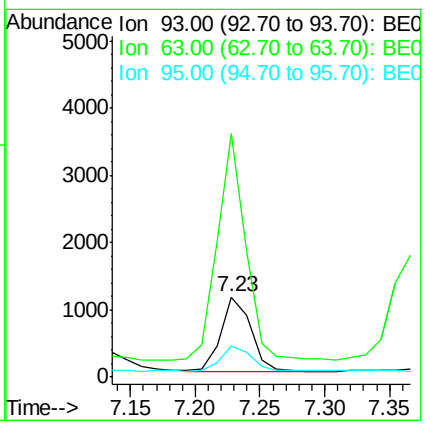


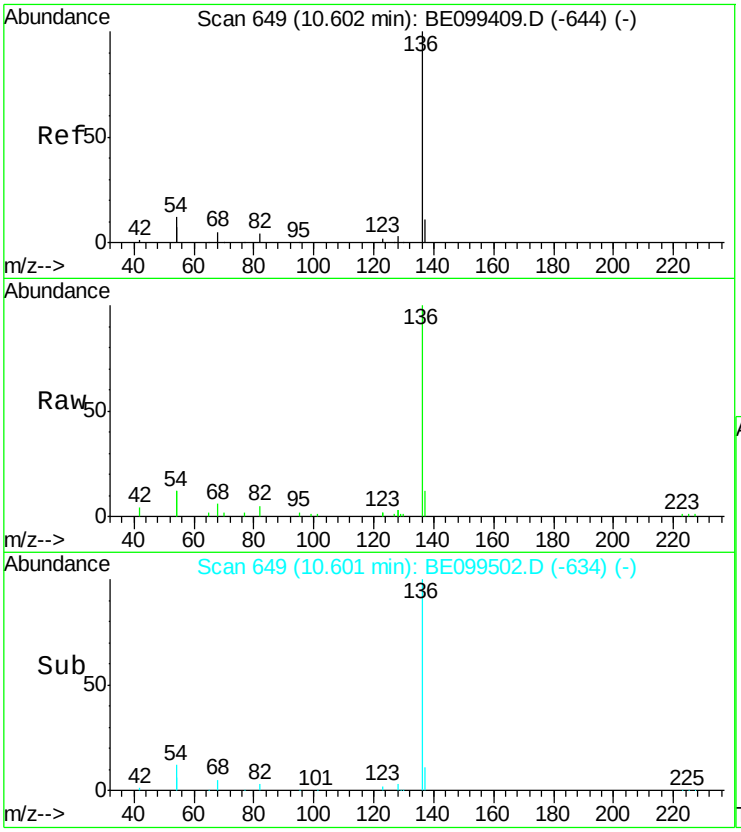


#6
bis(2-Chloroethyl)ether
Concen: 0.250 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion: 93 Resp: 1789

Ion	Ratio	Lower	Upper
93	100		
63	288.7	215.6	323.4
95	37.1	26.2	39.2



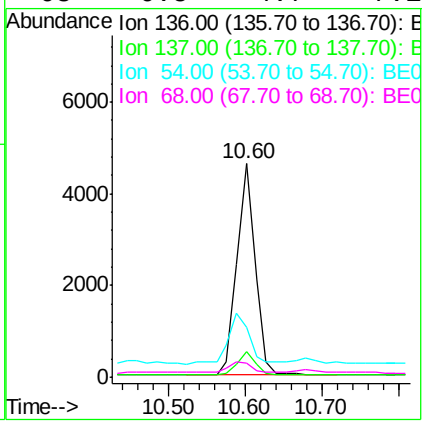


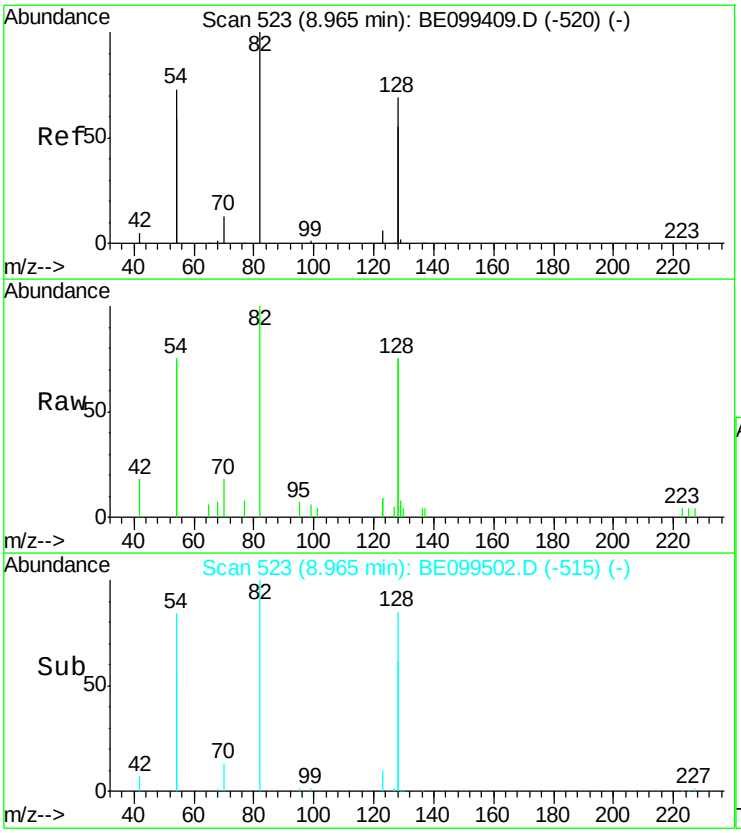
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:136 Resp: 7629

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	23.5	18.5	27.7
68	6.5	4.7	7.1

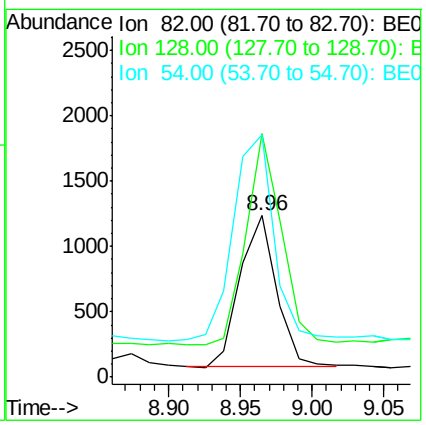


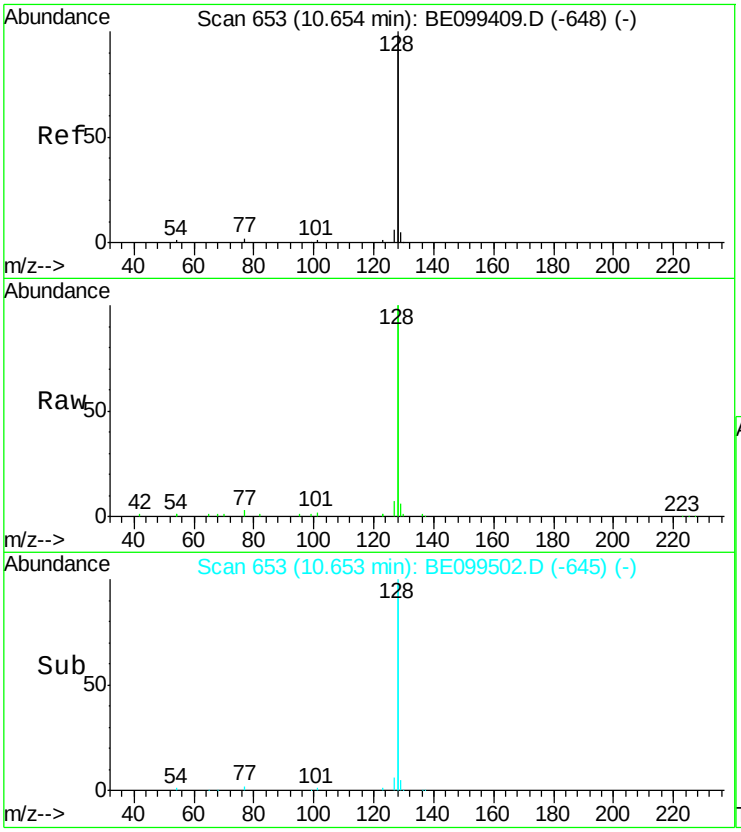


#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion: 82 Resp: 2052

Ion	Ratio	Lower	Upper
82	100		
128	150.7	107.0	160.4
54	149.7	113.1	169.7



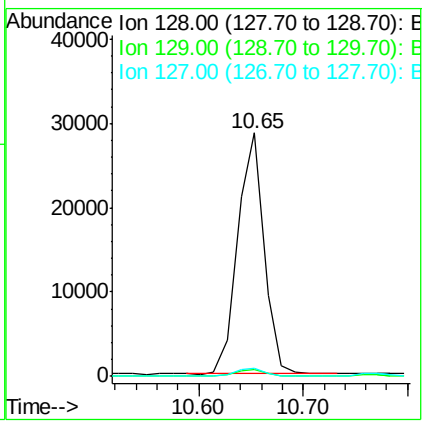


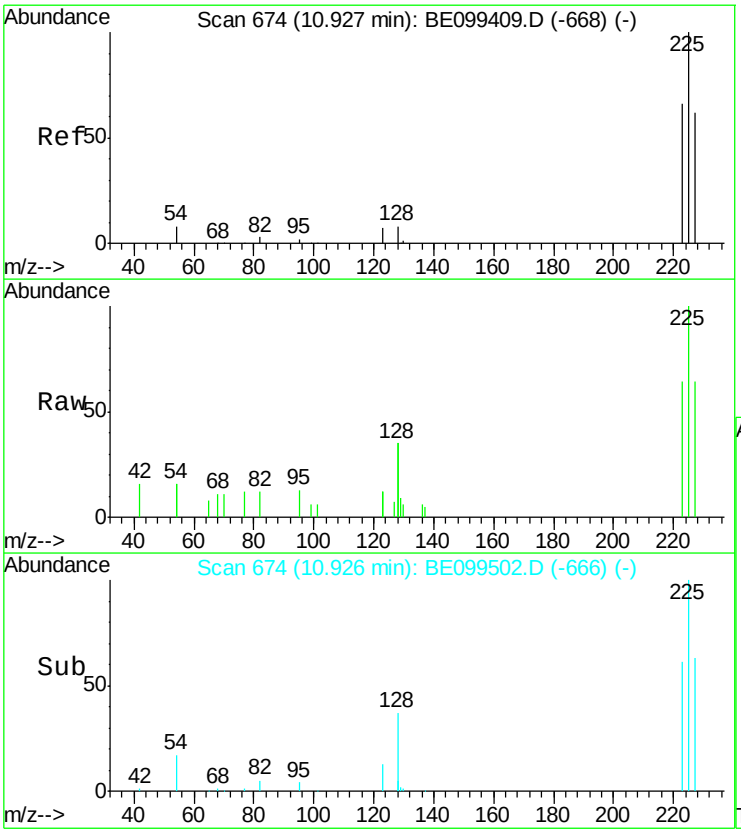
#9
Naphthalene
Concen: 0.606 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:128 Resp: 50359

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.4	2.8	4.2

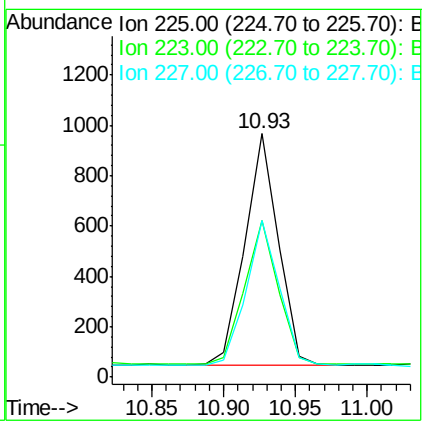


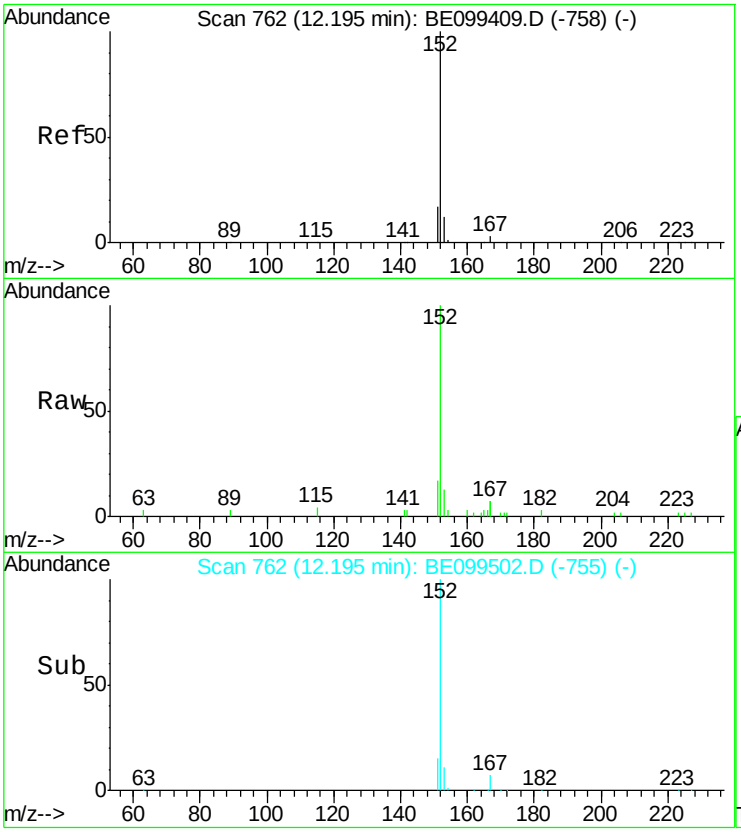


#10
Hexachlorobutadiene
Concen: 0.257 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:225 Resp: 1488

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	61.9	50.9	76.3



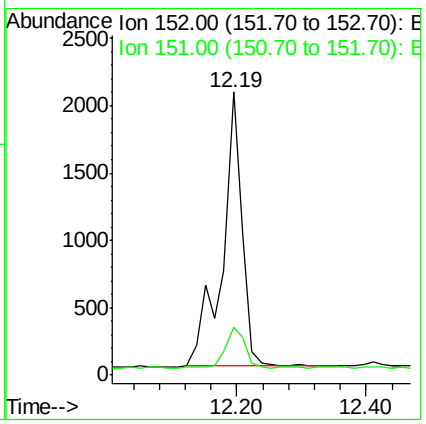


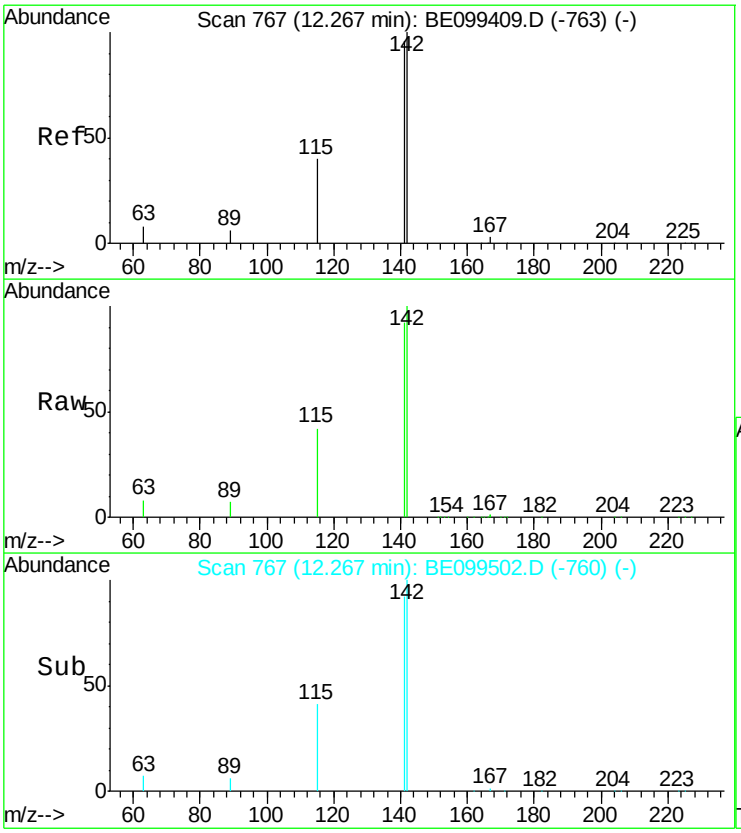
#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:152 Resp: 4336

Ion	Ratio	Lower	Upper
152	100		
151	14.2	15.5	23.3#

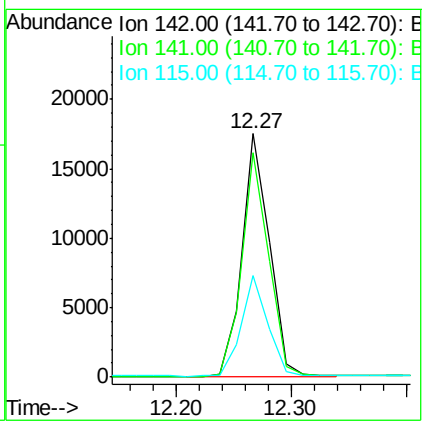


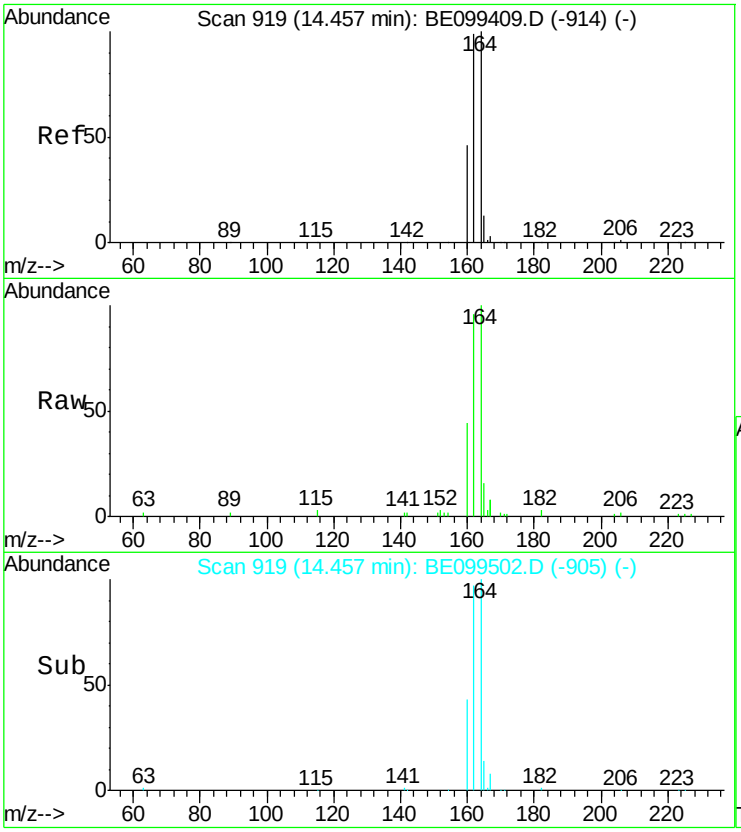


#12
2-Methylnaphthalene
Concen: 1.980 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:142 Resp: 28626

Ion	Ratio	Lower	Upper
142	100		
141	92.0	77.0	115.4
115	41.9	33.4	50.0



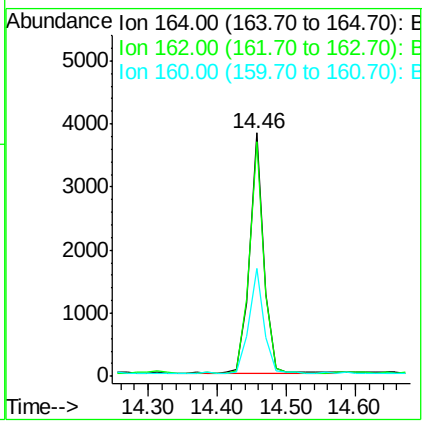


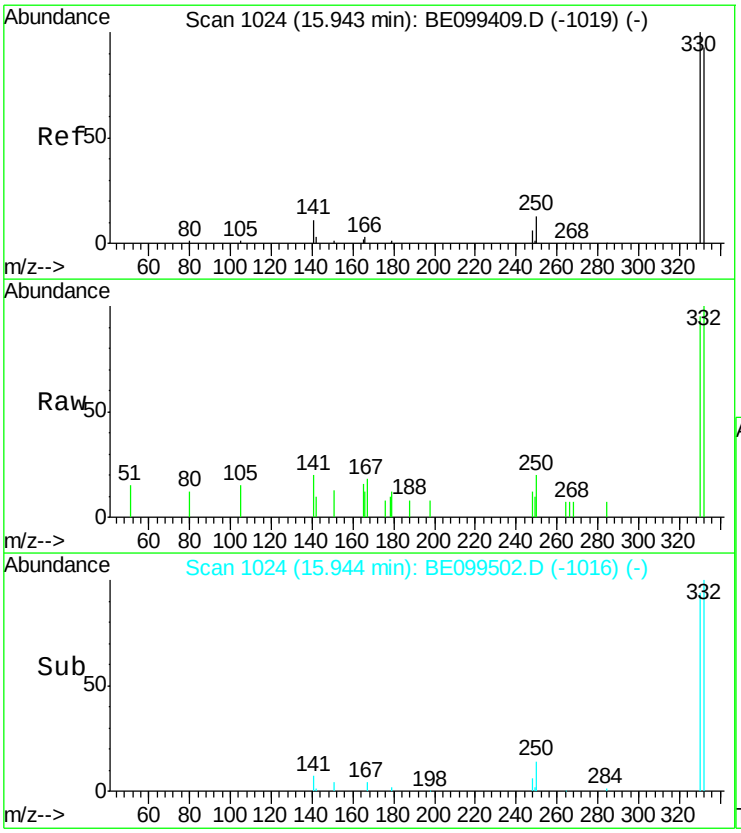
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:164 Resp: 5536

Ion	Ratio	Lower	Upper
164	100		
162	96.5	79.0	118.4
160	44.1	37.0	55.4

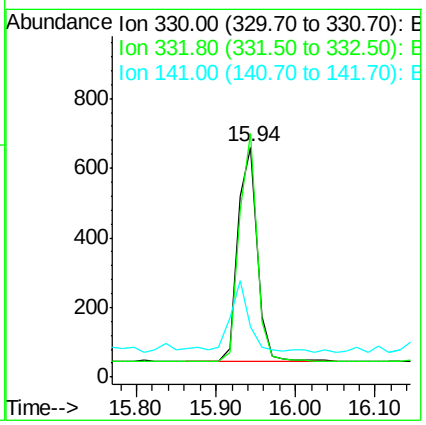


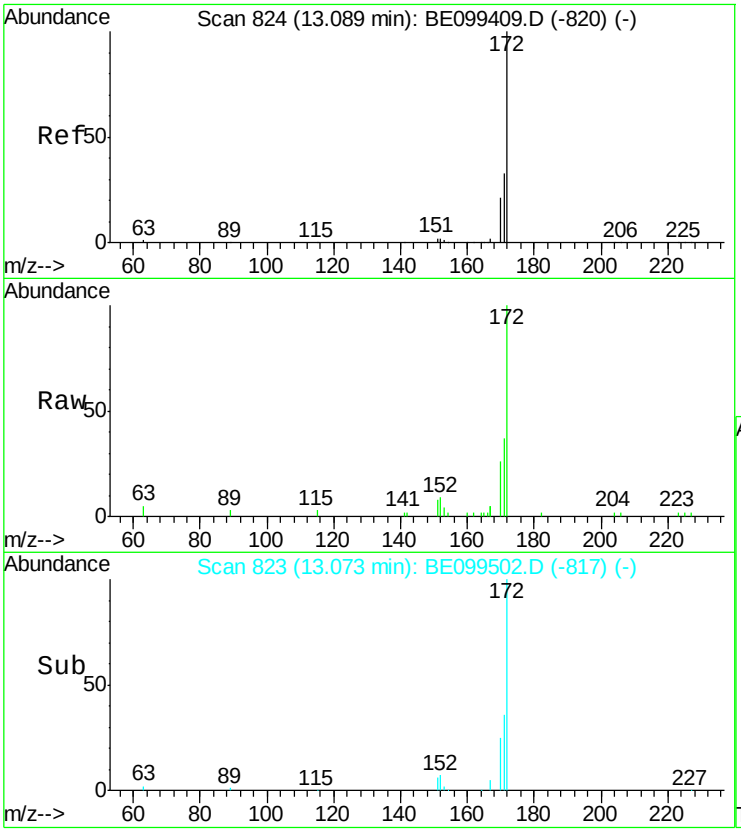


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:330 Resp: 1052

Ion	Ratio	Lower	Upper
330	100		
332	97.7	71.5	107.3
141	28.8	24.0	36.0



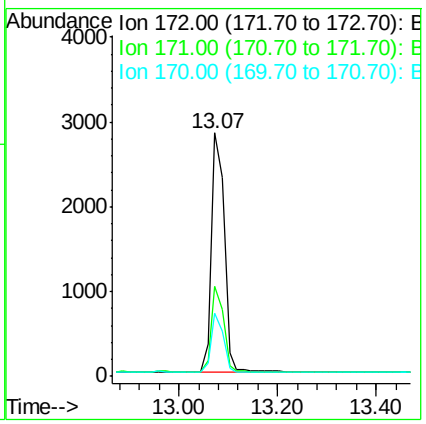


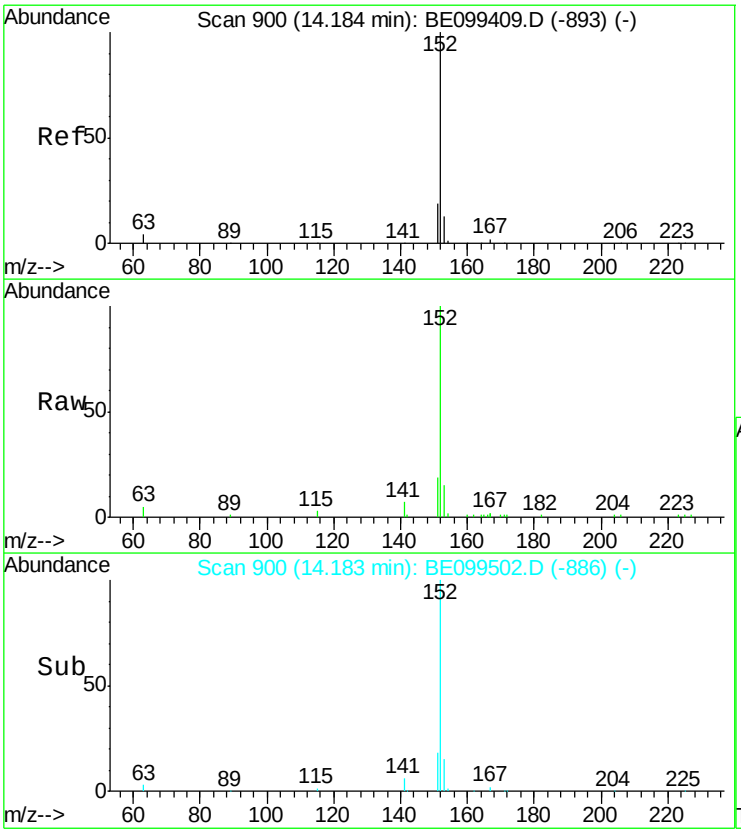
#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:172 Resp: 5059

Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.6	39.8
170	26.1	17.0	25.6#

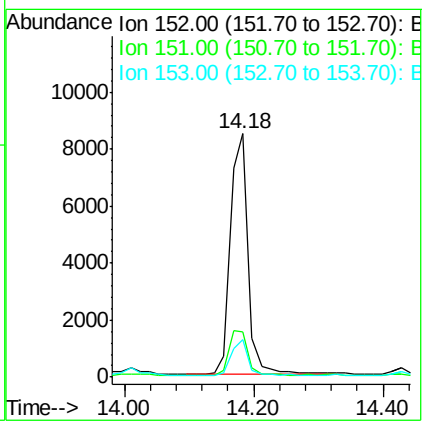


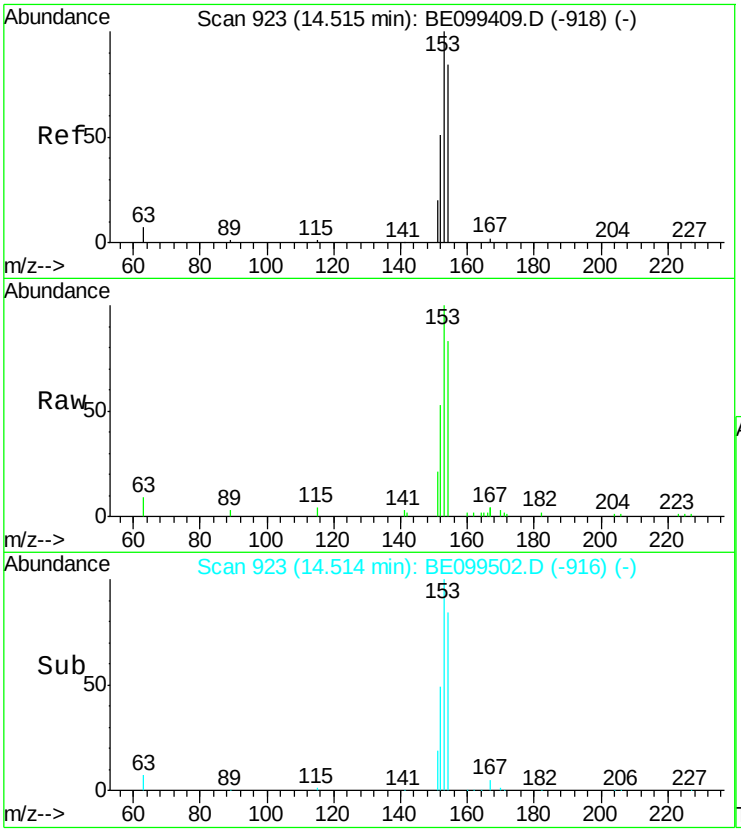


#16
Acenaphthylene
Concen: 0.598 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:152 Resp: 16197

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.8	9.8	14.6



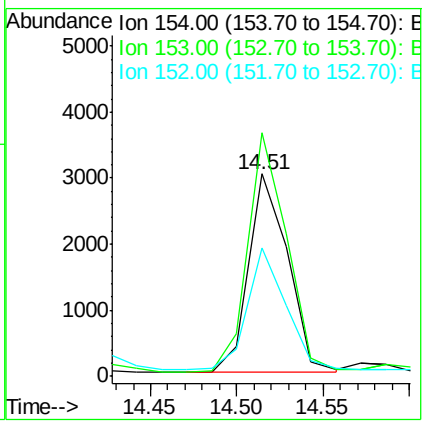


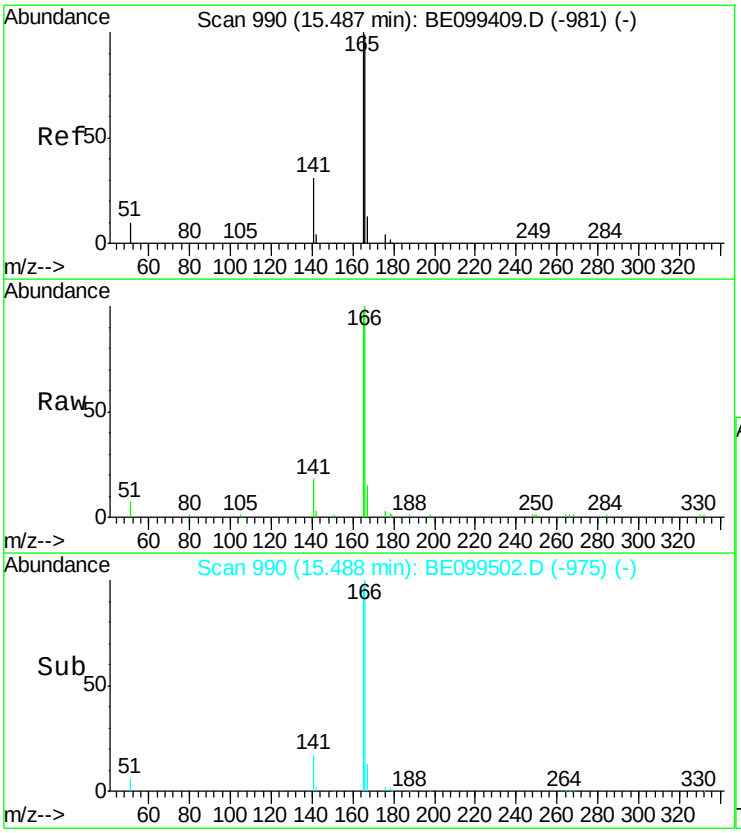
#17
Acenaphthene
Concen: 0.309 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:154 Resp: 4774

Ion	Ratio	Lower	Upper
154	100		
153	118.9	92.6	138.8
152	60.4	45.8	68.8

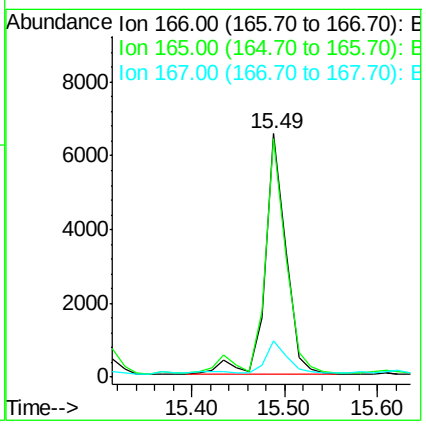


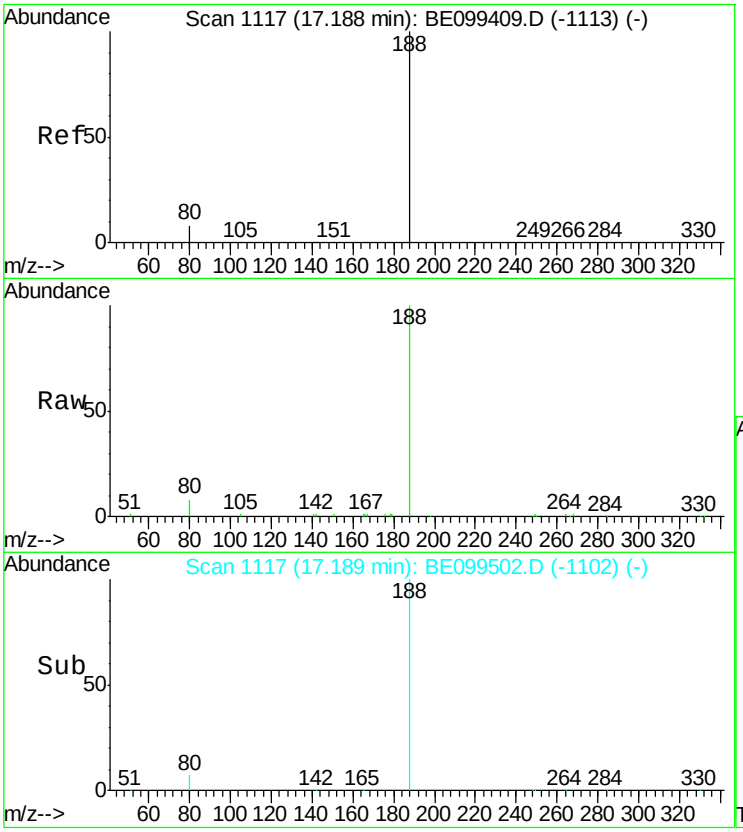


#18
Fluorene
Concen: 0.451 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:166 Resp: 10284

Ion	Ratio	Lower	Upper
166	100		
165	101.5	80.3	120.5
167	14.1	10.7	16.1



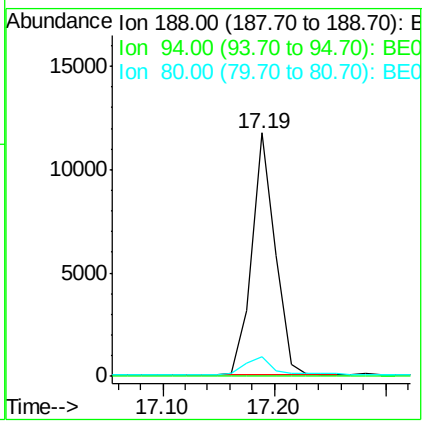


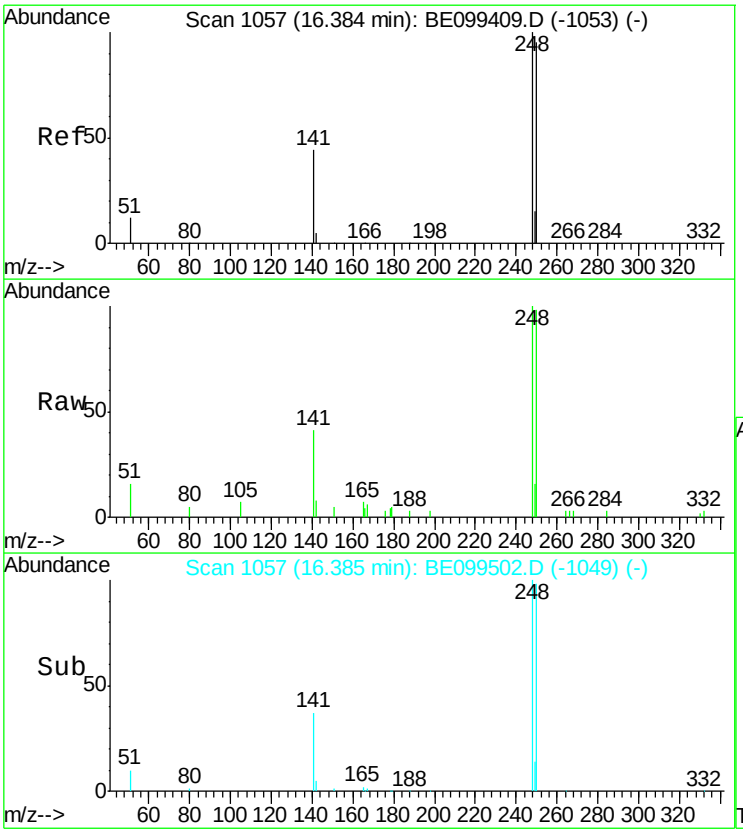
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:188 Resp: 17237

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.7	10.1

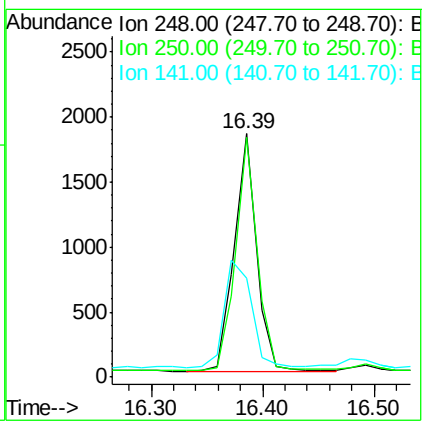


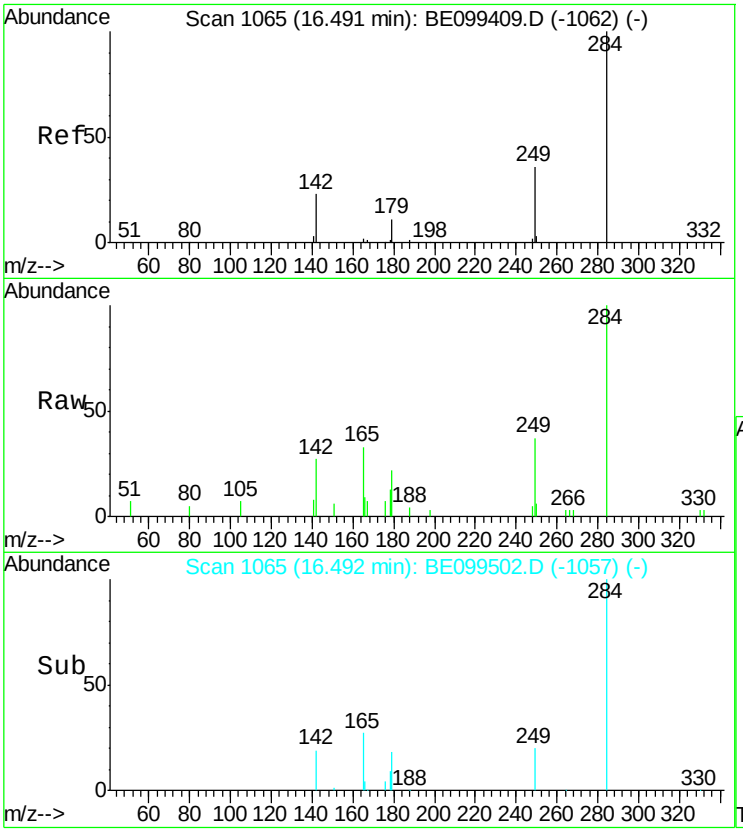


#20
4-Bromophenyl-phenylether
Concen: 0.251 ng
RT: 16.39 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:248 Resp: 2521

Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.8	113.8
141	40.5	35.7	53.5



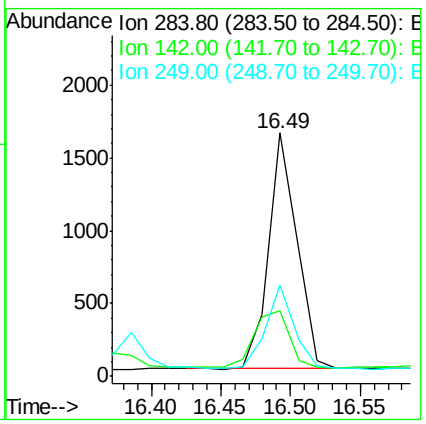


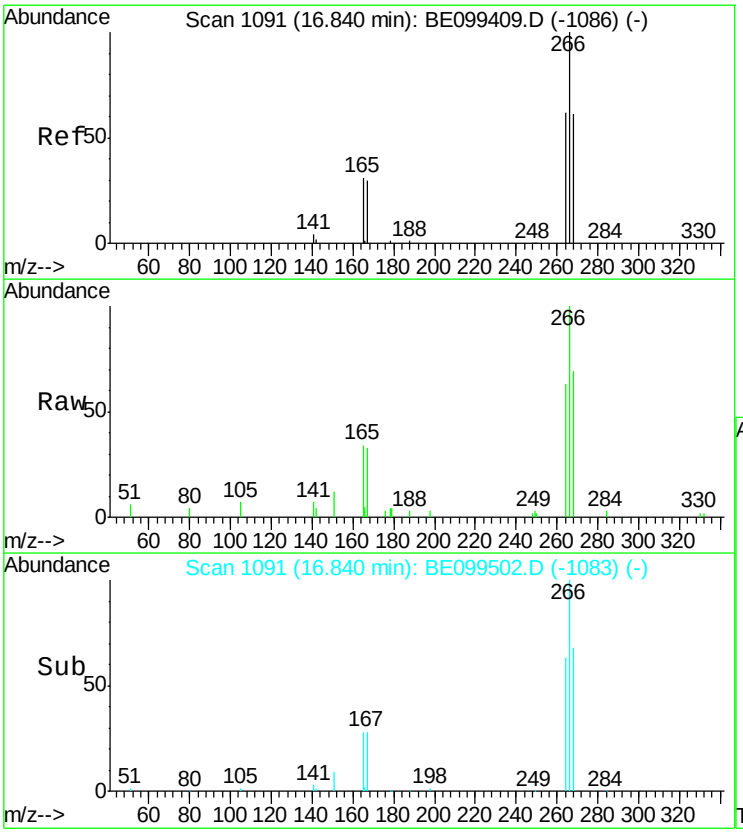
#21
Hexachlorobenzene
Concen: 0.240 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:284 Resp: 2296

Ion	Ratio	Lower	Upper
284	100		
142	30.3	21.0	31.6
249	34.8	26.7	40.1

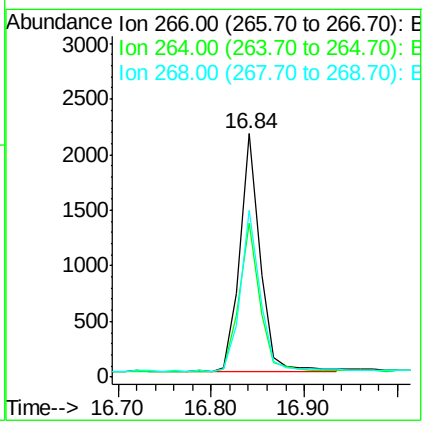


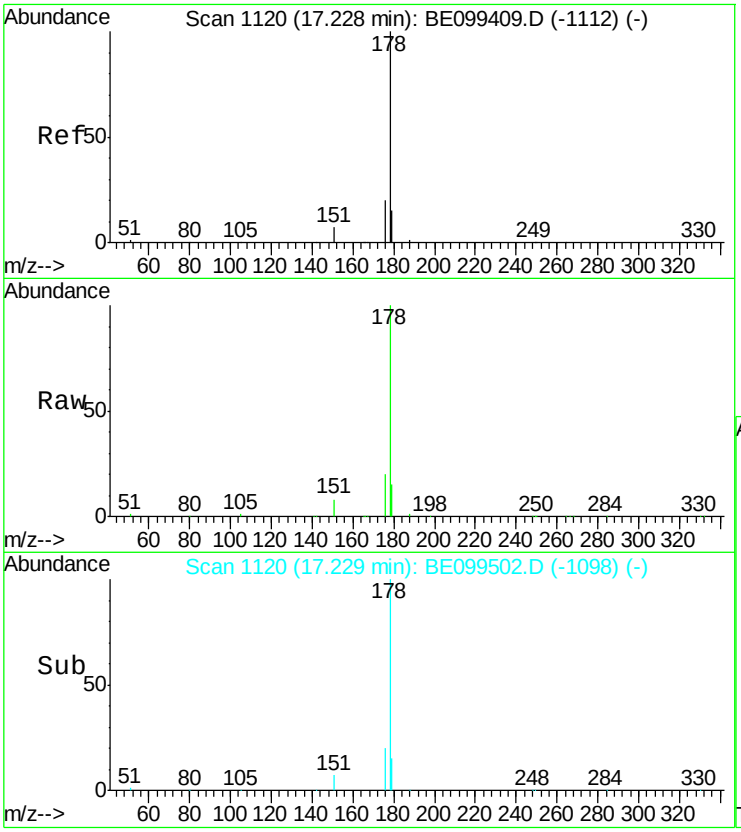


#22
Pentachlorophenol
Concen: 0.784 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:266 Resp: 3267

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.8	76.2
268	68.5	50.5	75.7



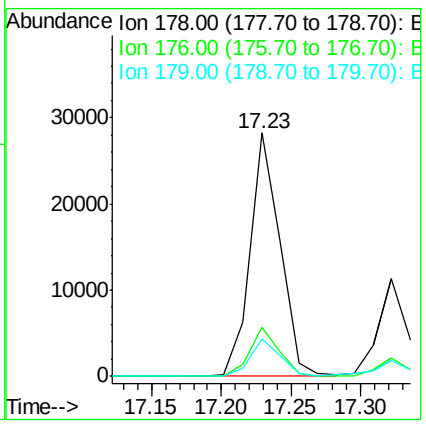


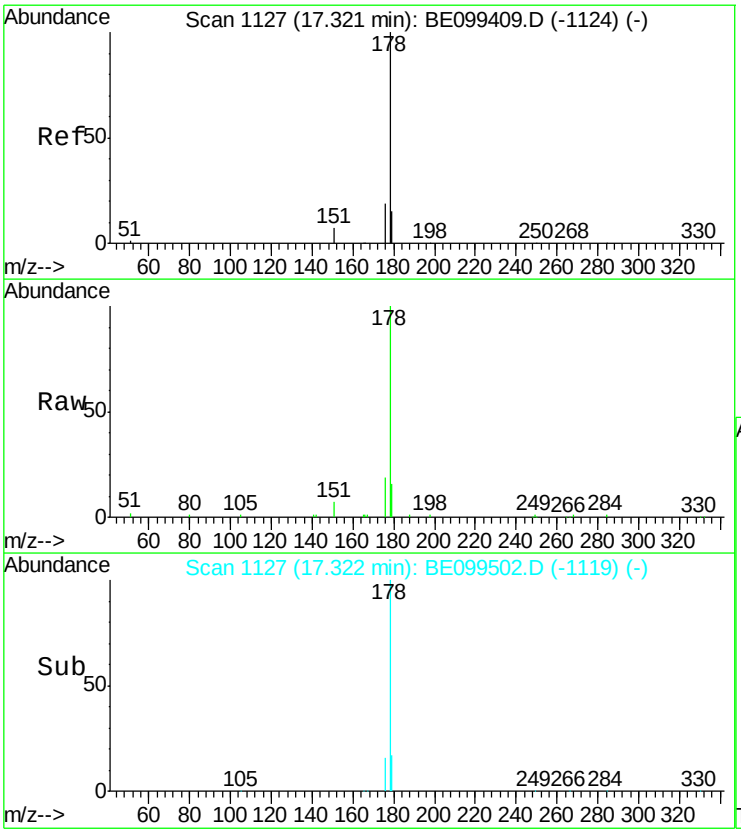
#23
Phenanthrene
Concen: 0.940 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:178 Resp: 41831

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.2	12.0	18.0

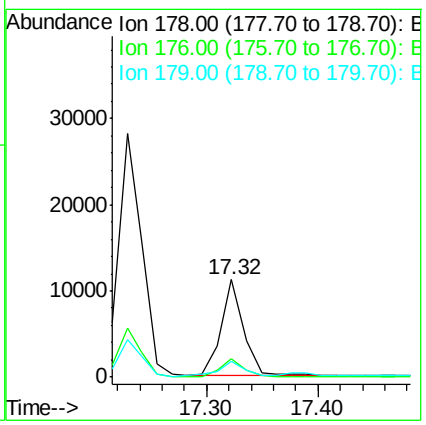


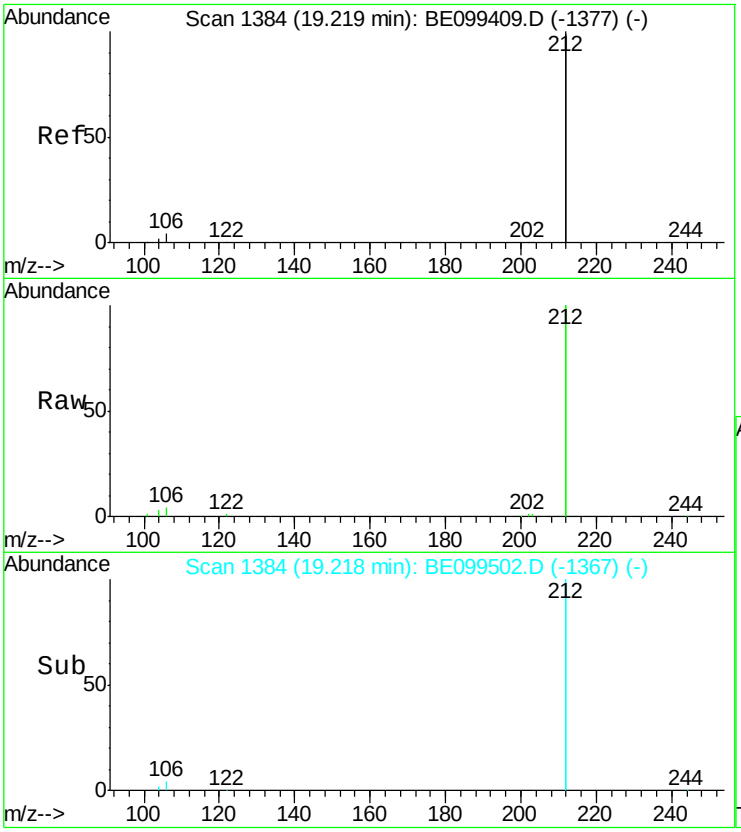


#24
Anthracene
Concen: 0.370 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:178 Resp: 15695

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.9	11.9	17.9



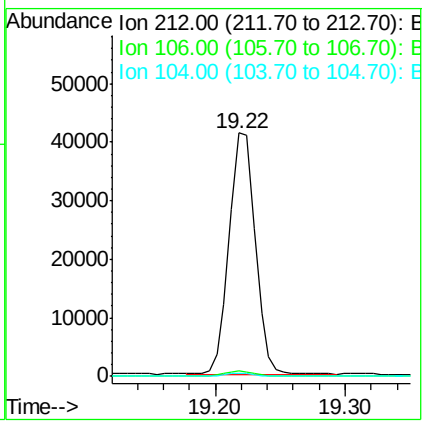


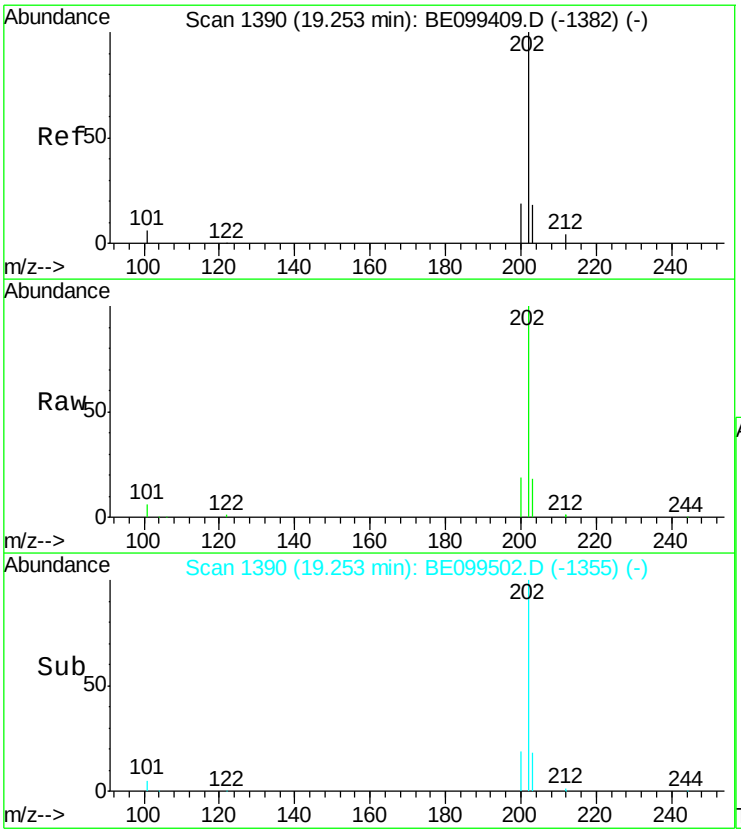
#25
Fluoranthene-d10
Concen: 0.248 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:212 Resp: 57515

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

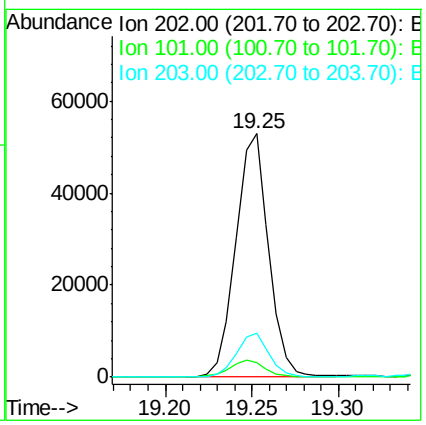


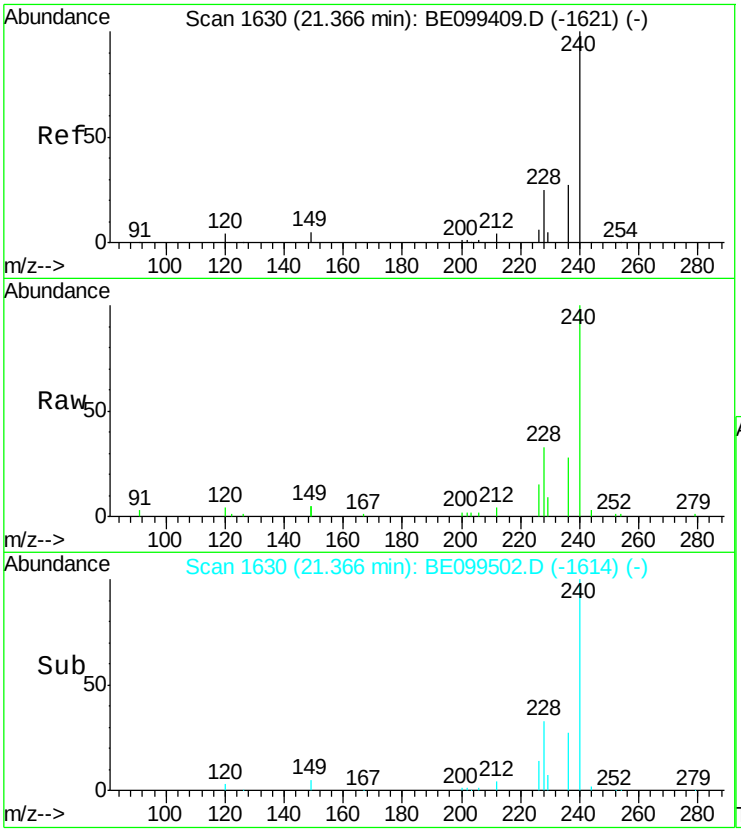


#26
Fluoranthene
Concen: 1.037 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:202 Resp: 69103

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.4	8.0
203	17.3	13.9	20.9



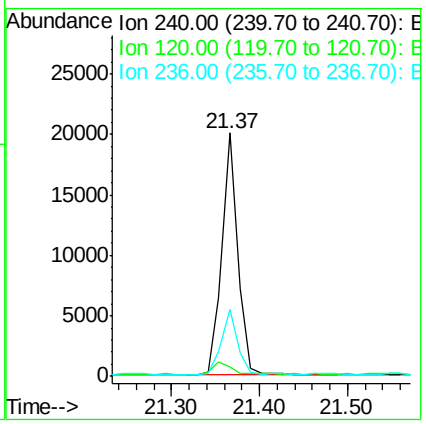


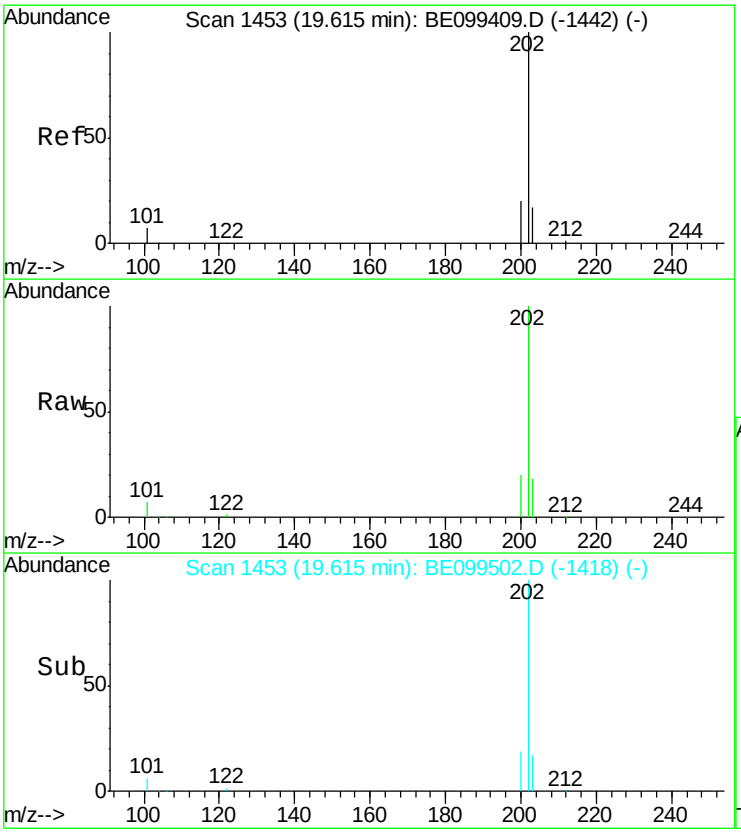
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:240 Resp: 25361

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.0	6.0#
236	27.6	22.0	33.0

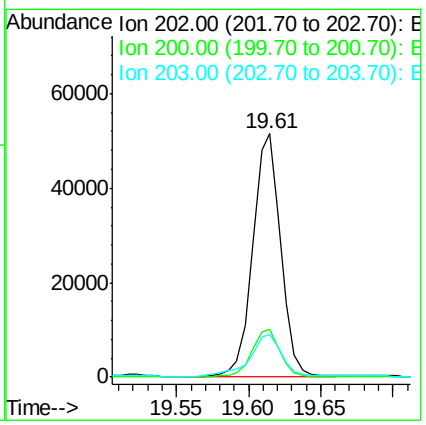


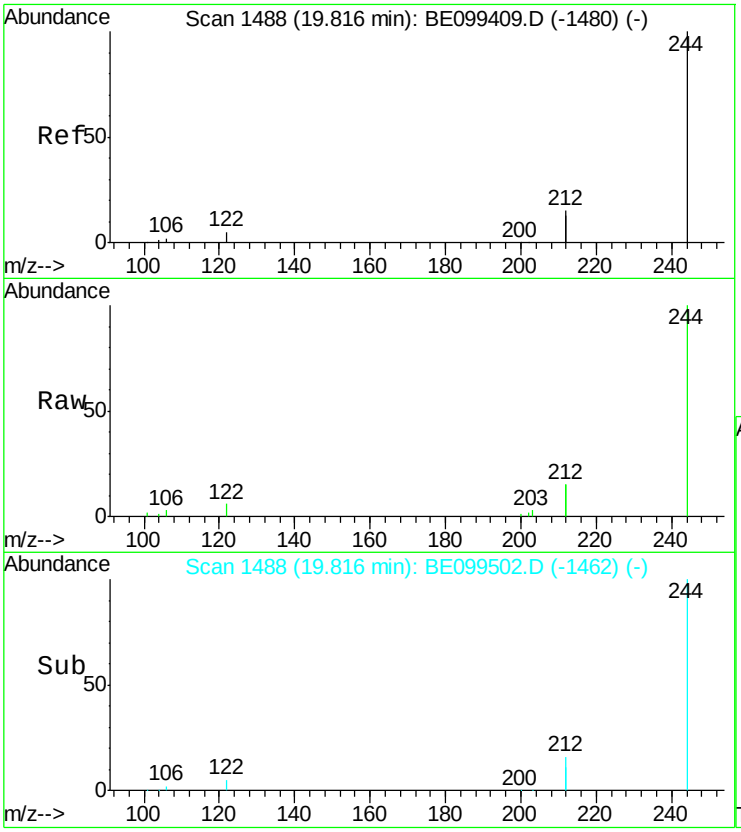


#28
Pyrene
Concen: 1.051 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:202 Resp: 69466

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	19.8	13.9	20.9



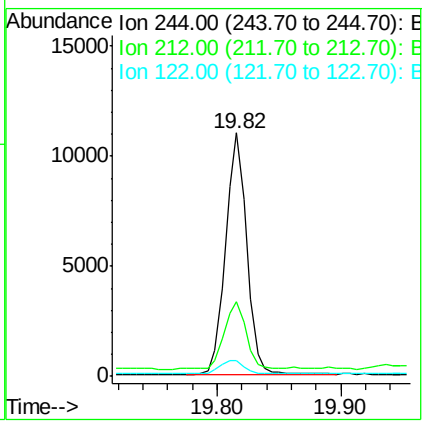


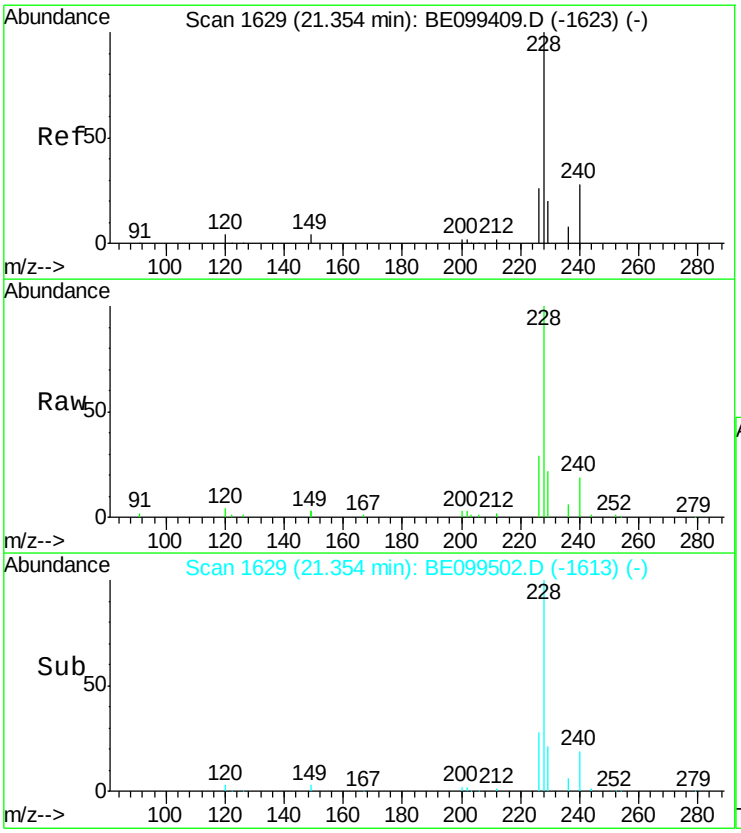
#29
Terphenyl-d14
Concen: 0.279 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:244 Resp: 12959

Ion	Ratio	Lower	Upper
244	100		
212	30.7	23.2	34.8
122	6.5	4.2	6.4#

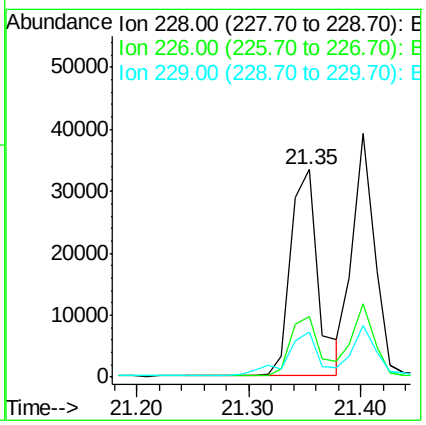


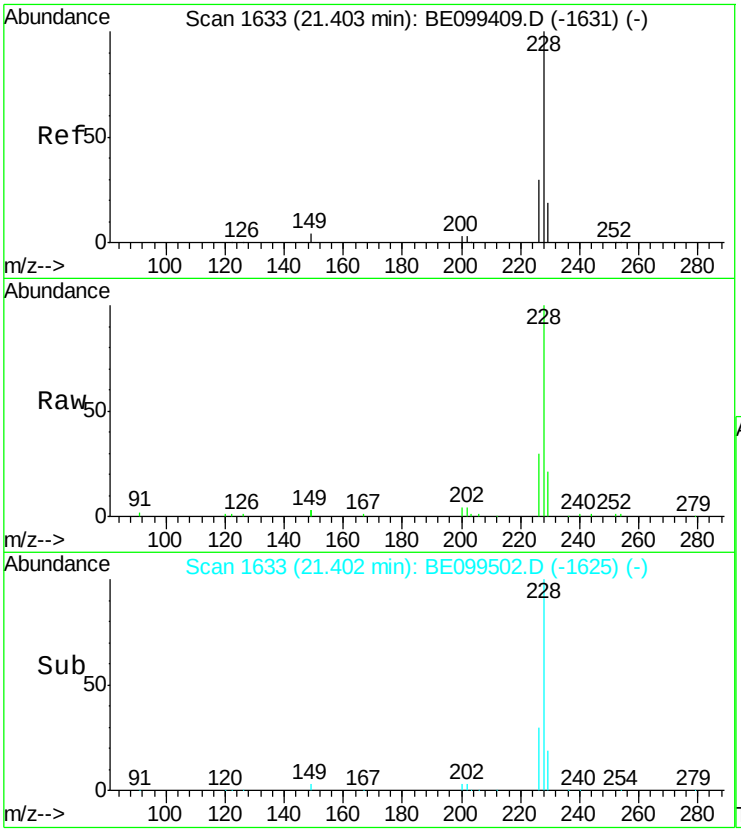


#30
Benzo(a)anthracene
Concen: 0.705 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:228 Resp: 56927

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.0	31.6
229	21.9	16.6	25.0



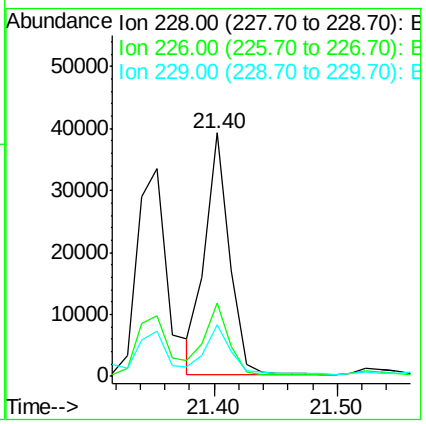


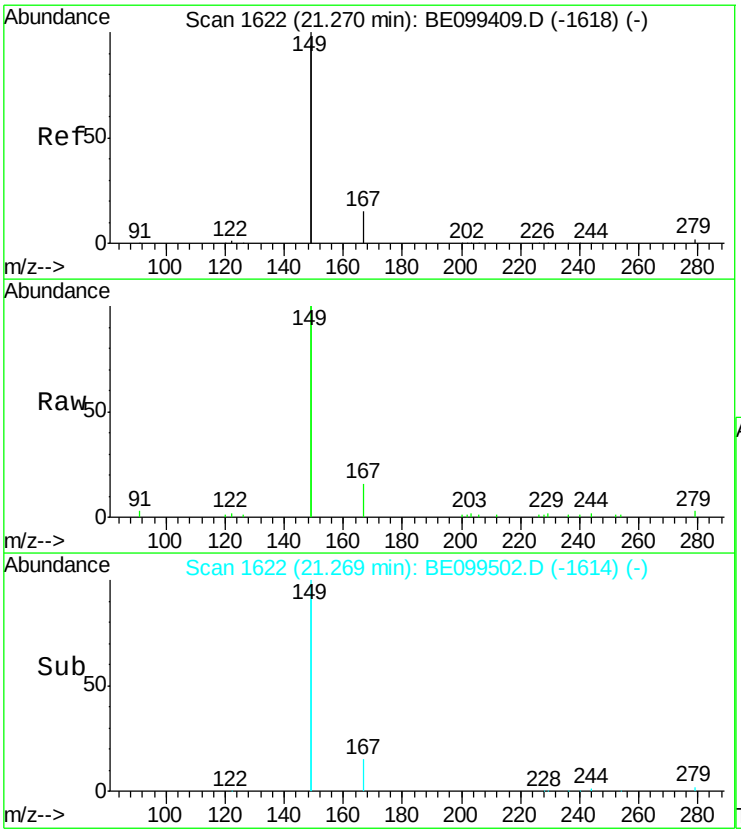
#31
Chrysene
Concen: 0.677 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:228 Resp: 53502

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.4	15.8	23.8

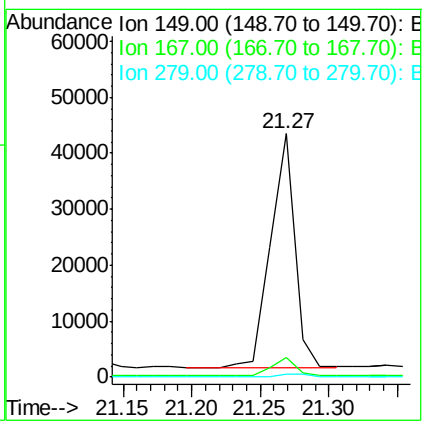


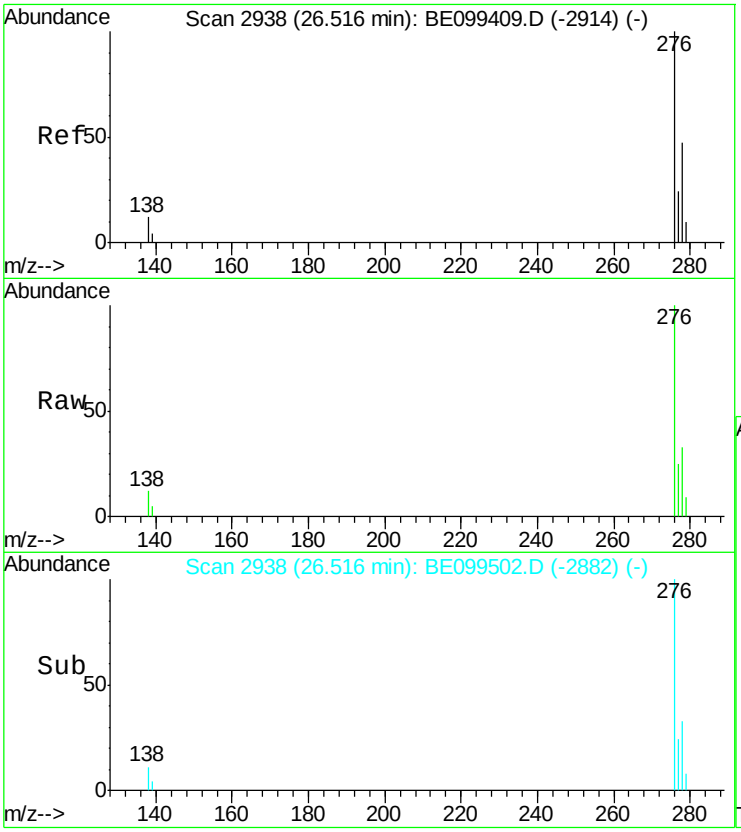


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.379 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:149 Resp: 51360

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.4	1.0	1.6



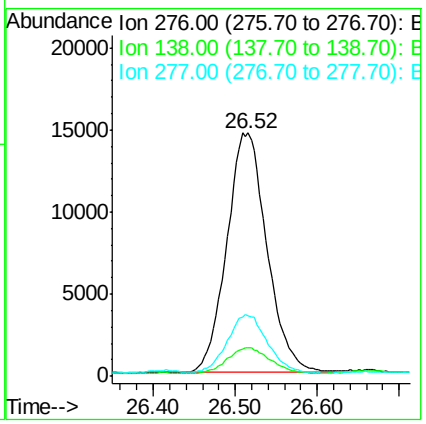


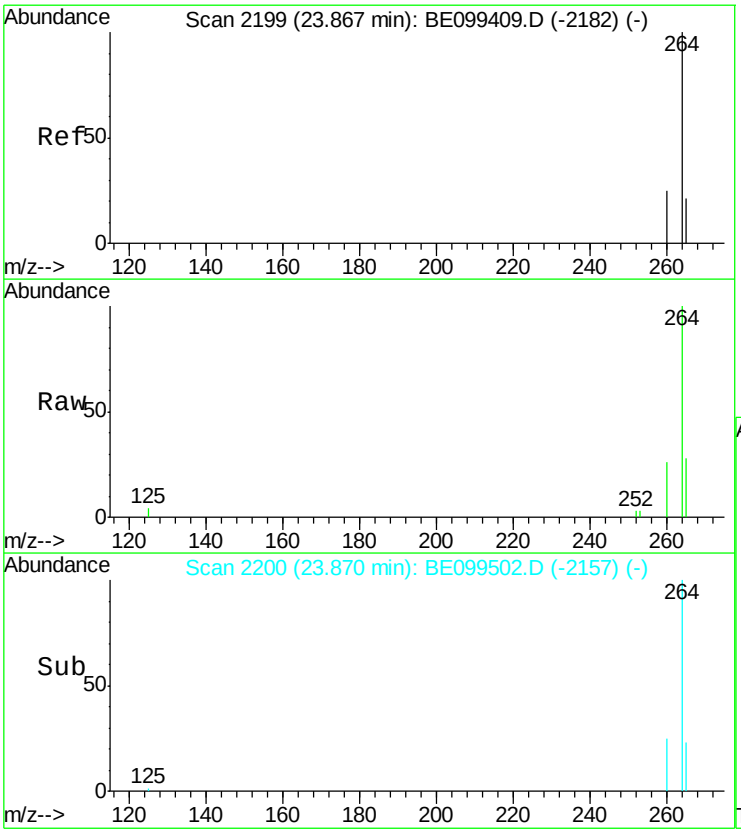
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.529 ng
RT: 26.52 min Scan# 2938
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:276 Resp: 49460

Ion	Ratio	Lower	Upper
276	100		
138	11.5	10.2	15.2
277	24.4	19.2	28.8

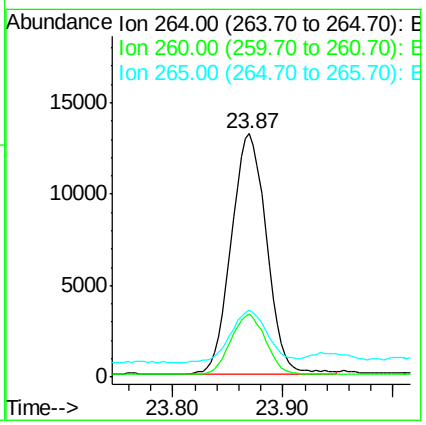


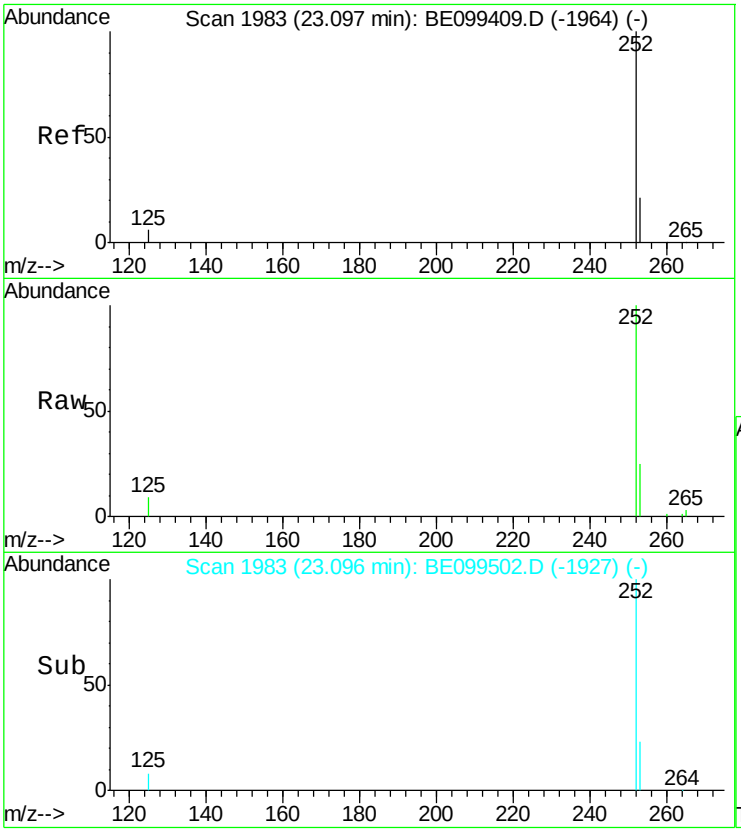


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:264 Resp: 29188

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	27.7	21.3	31.9



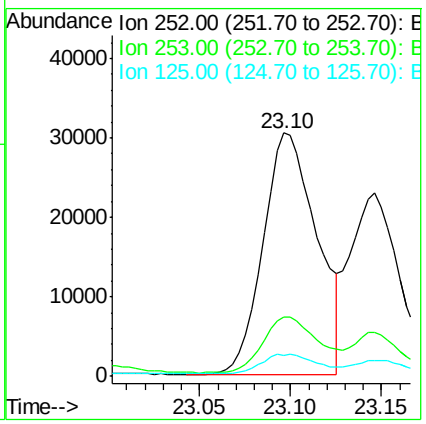


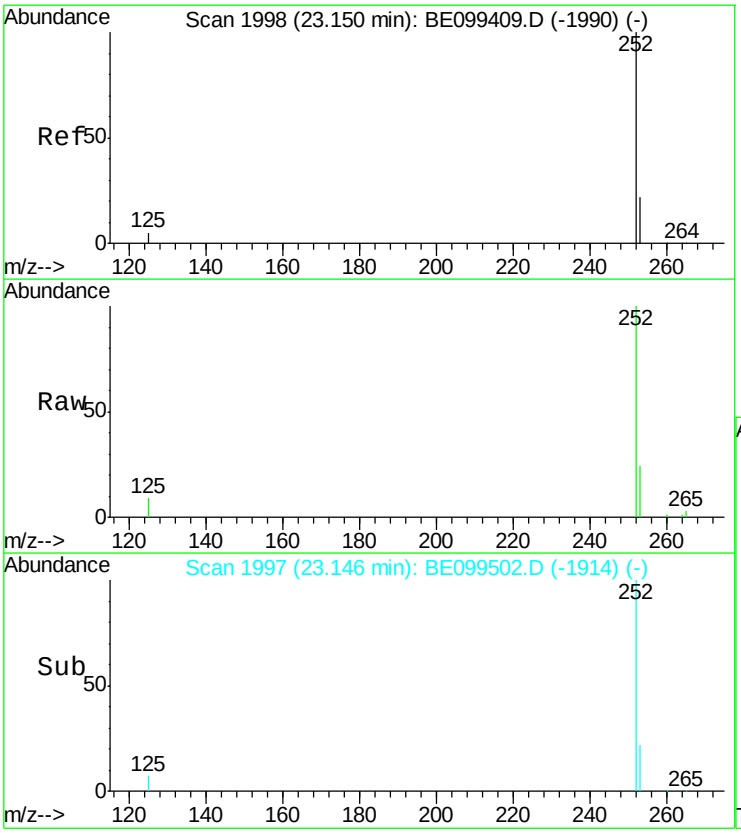
#35
Benzo(b)fluoranthene
Concen: 0.740 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:252 Resp: 62315

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	8.8	5.6	8.4#

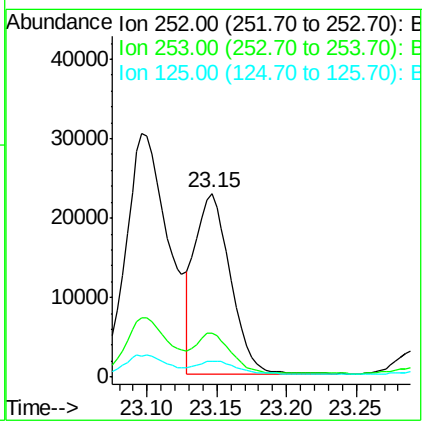


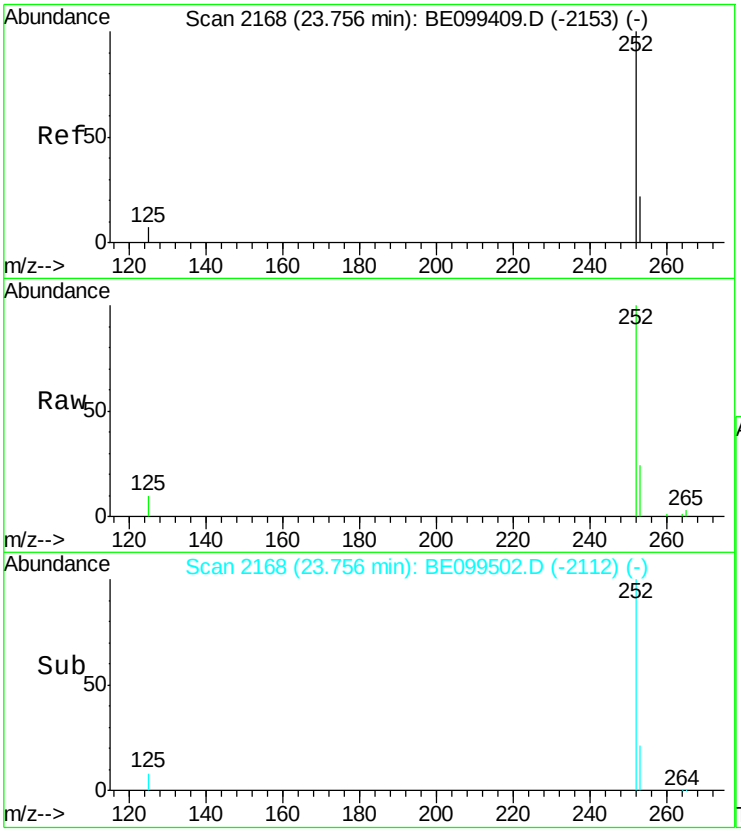


#36
Benzo(k)fluoranthene
Concen: 0.494 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:252 Resp: 40075

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	8.6	5.0	7.4#



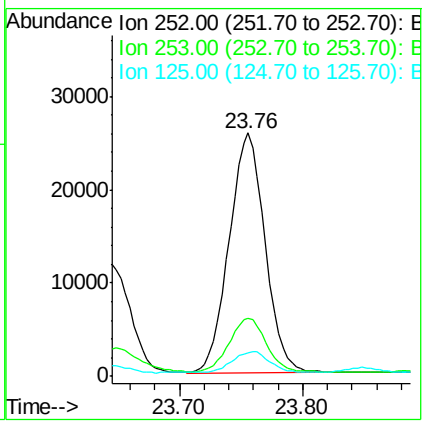


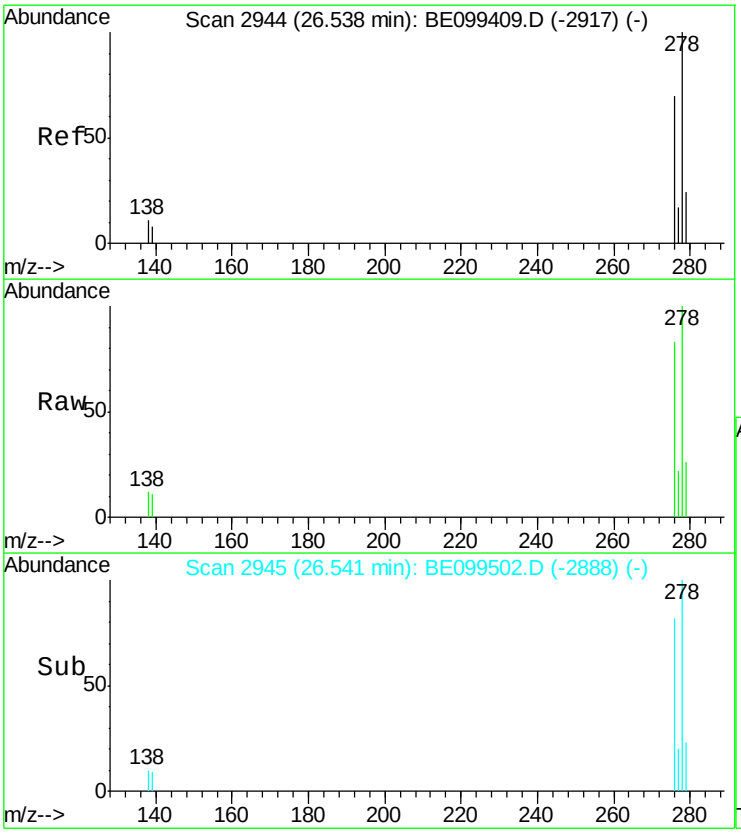
#37
Benzo(a)pyrene
Concen: 0.654 ng
RT: 23.76 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:252 Resp: 52019

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	9.8	6.7	10.1

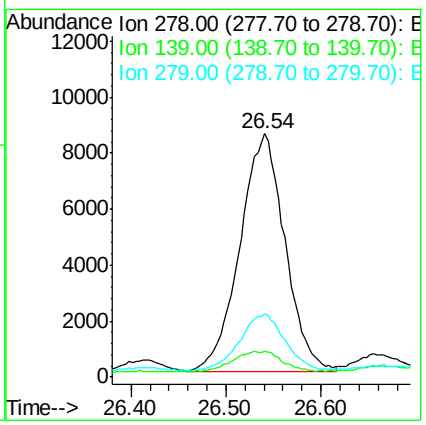


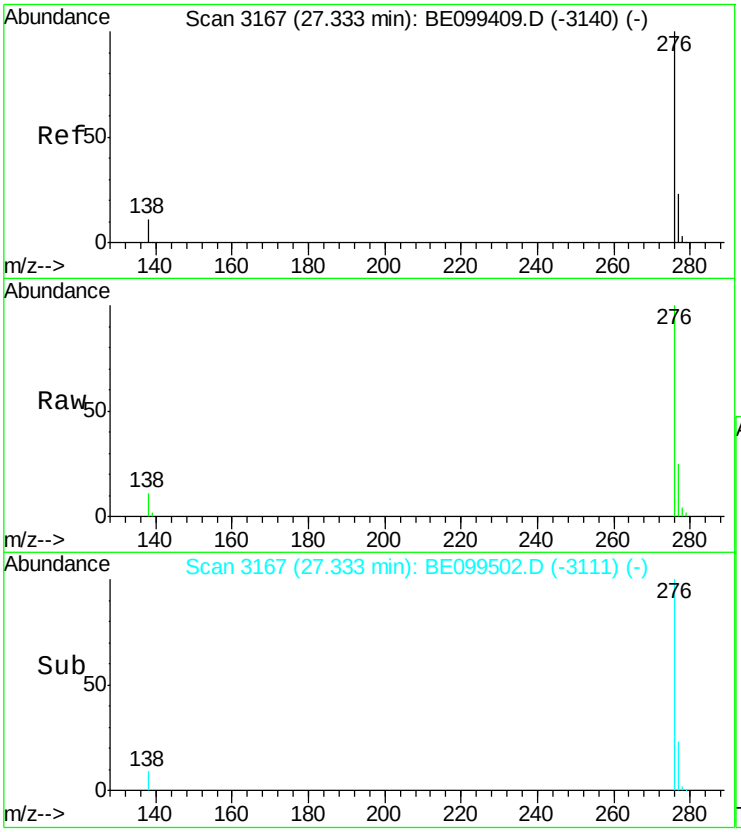


#38
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 26.54 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Tgt Ion:278 Resp: 27951

Ion	Ratio	Lower	Upper
278	100		
139	10.6	7.7	11.5
279	25.9	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.560 ng
RT: 27.33 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BE099502.D
Acq: 2 May 2019 20:32

Instrument :
BNA_E
ClientSampleId :
PST-001-B196-042519MS

Tgt Ion:276 Resp: 45660

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	11.3	9.6	14.4