Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099123.D
Acq On : 23 Mar 2019 22:46
Operator : JU/SJ
Sample : K2014-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW073-031819

Quant Time: Mar 24 03:41:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3382	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13407	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	8895	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	26981	0.40	ng		0.00
27) Chrysene-d12	21.39	240	37833	0.40	ng		0.00
34) Perylene-d12	23.90	264	39871	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4350	0.43	ng		0.00
5) Phenol-d6	6.99	99	6241	0.43	ng		0.00
8) Nitrobenzene-d5	8.99	82	3896	0.66	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	7877	0.33	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1616	0.62	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	12102	0.34	ng		-0.01
25) Fluoranthene-d10	19.24	212	111415	0.31	ng		0.00
29) Terphenyl-d14	19.83	244	23470	0.29	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.66	42	124	0.046	ng	#	1
16) Acenaphthylene	14.20	152	2620	0.055	ng		94
18) Fluorene	15.51	166	1490	0.036	ng	#	84
22) Pentachlorophenol	16.85	266	157	0.279	ng		88
23) Phenanthrene	17.25	178	27789	0.347	ng		99
24) Anthracene	17.35	178	2482	0.033	ng		96
26) Fluoranthene	19.27	202	45097	0.400	ng		98
28) Pyrene	19.63	202	57021	0.444	ng		96
30) Benzo(a)anthracene	21.37	228	26482	0.199	ng		98
31) Chrysene	21.43	228	30589	0.230	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	44608	0.258	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	14646	0.102	ng		98
35) Benzo(b)fluoranthene	23.12	252	30007	0.218	ng	#	93
36) Benzo(k)fluoranthene	23.12	252	30007	0.222	ng	#	96
37) Benzo(a)pyrene	23.78	252	22455	0.176	ng		99
38) Dibenzo(a,h)anthracene	26.57	278	4783	0.039	ng	#	77
39) Benzo(g,h,i)perylene	27.37	276	15390	0.121	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 23 Mar 2019 22:46
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PST-026-SW073-031819

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QLast Update : Sat Mar 23 04:40:11 2019
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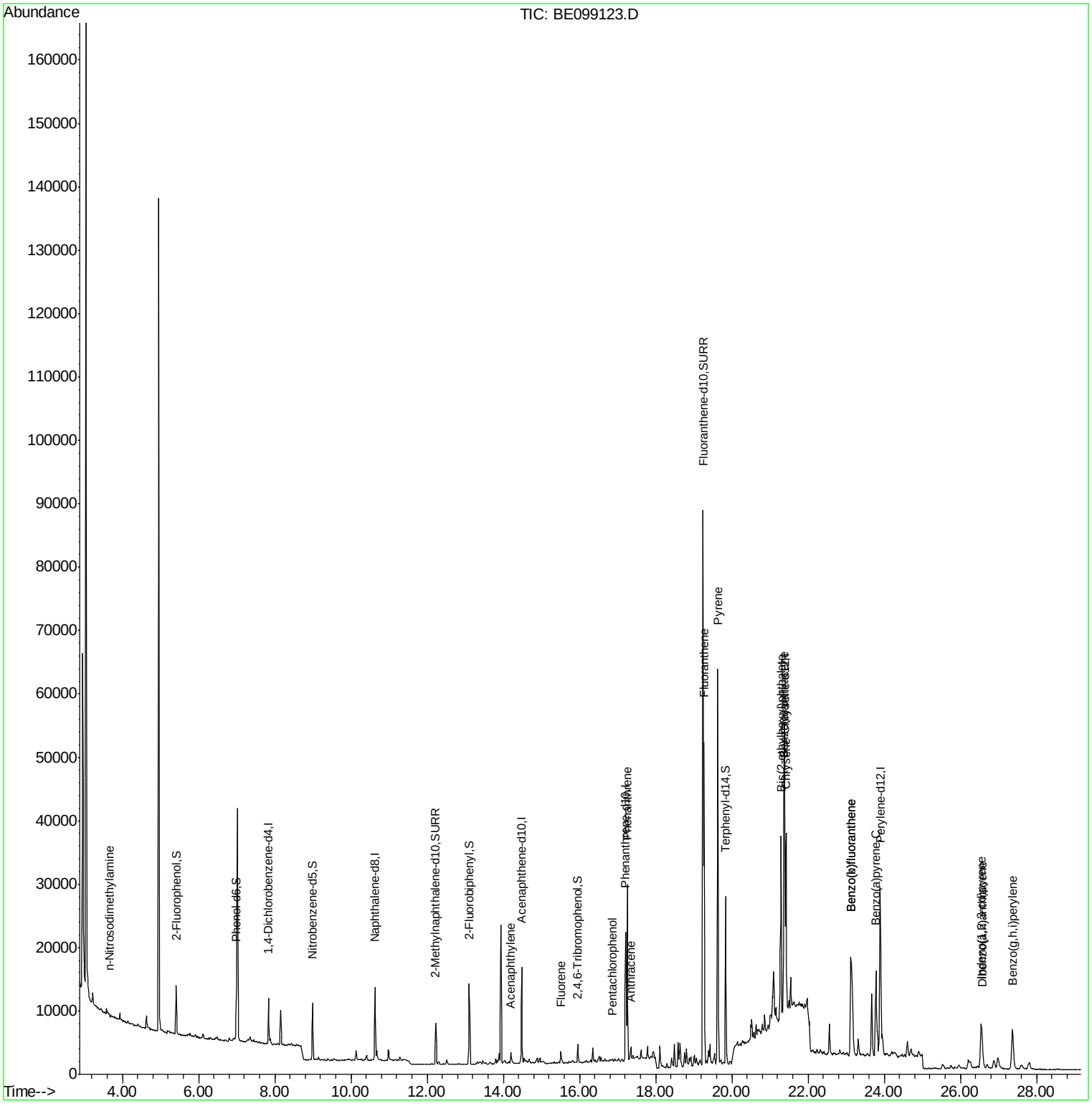
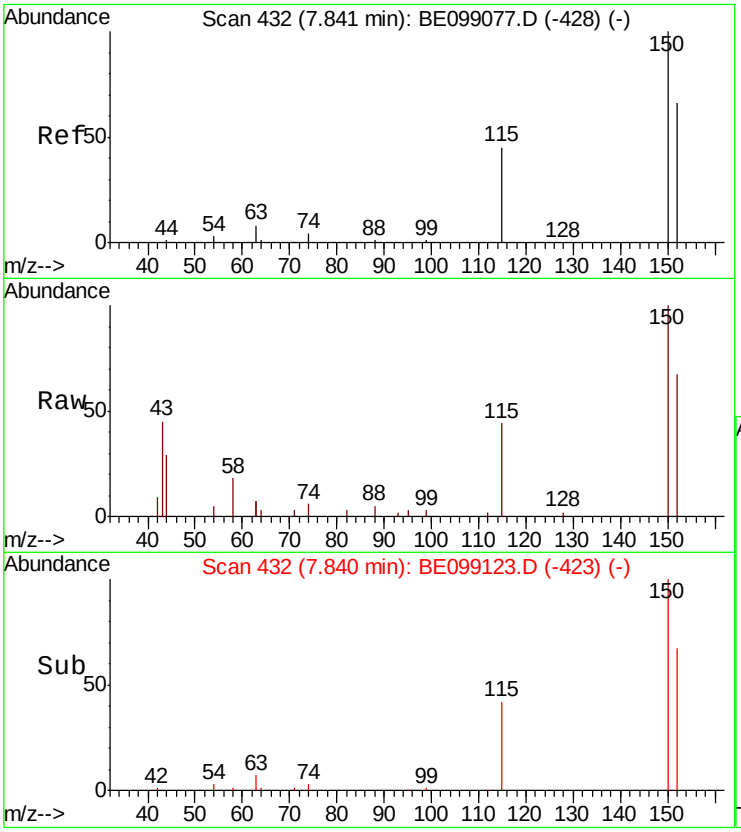


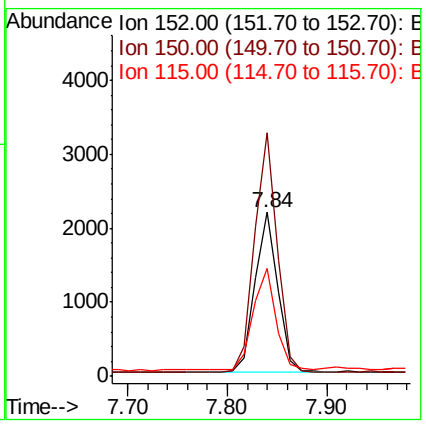


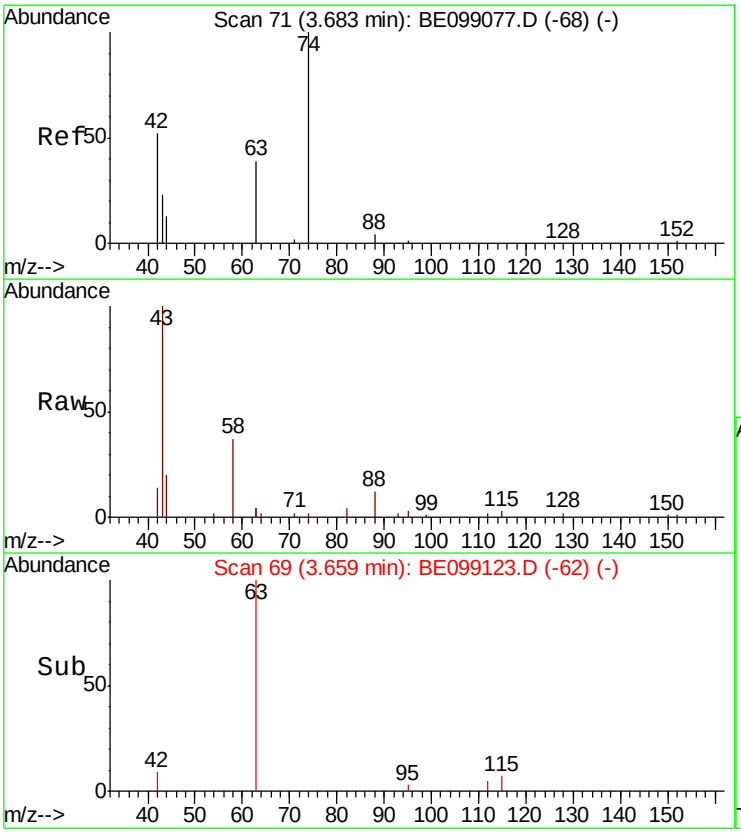
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:152 Resp: 3382

Ion	Ratio	Lower	Upper
152	100		
150	148.8	122.5	183.7
115	66.0	57.4	86.2

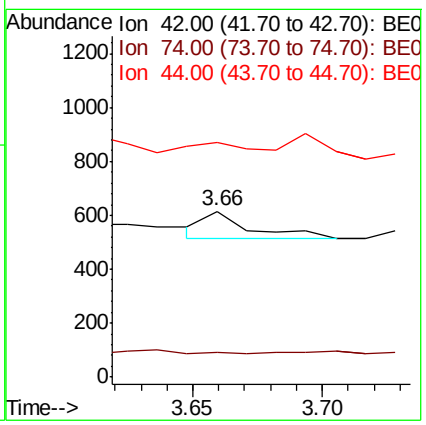


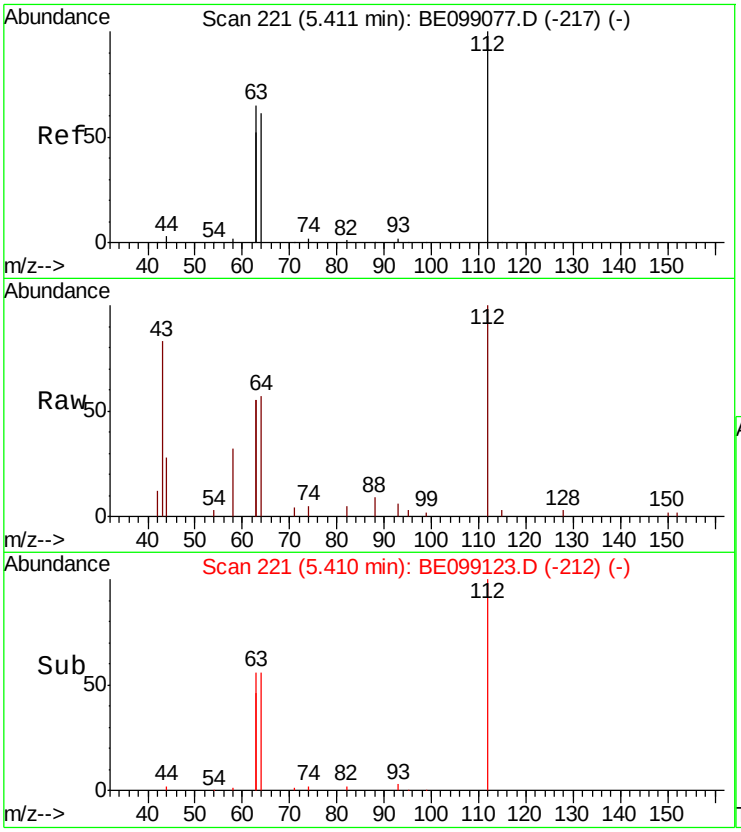


#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.02 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion: 42 Resp: 124

Ion	Ratio	Lower	Upper
42	100		
74	0.0	160.0	240.0#
44	0.0	0.0	0.0



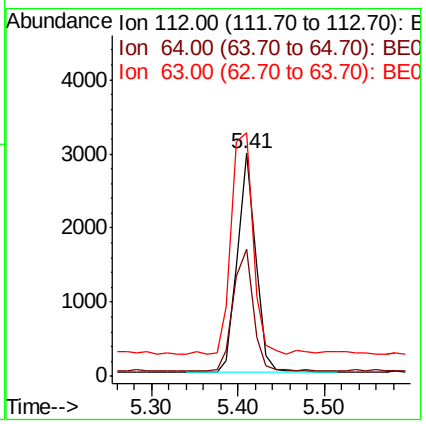


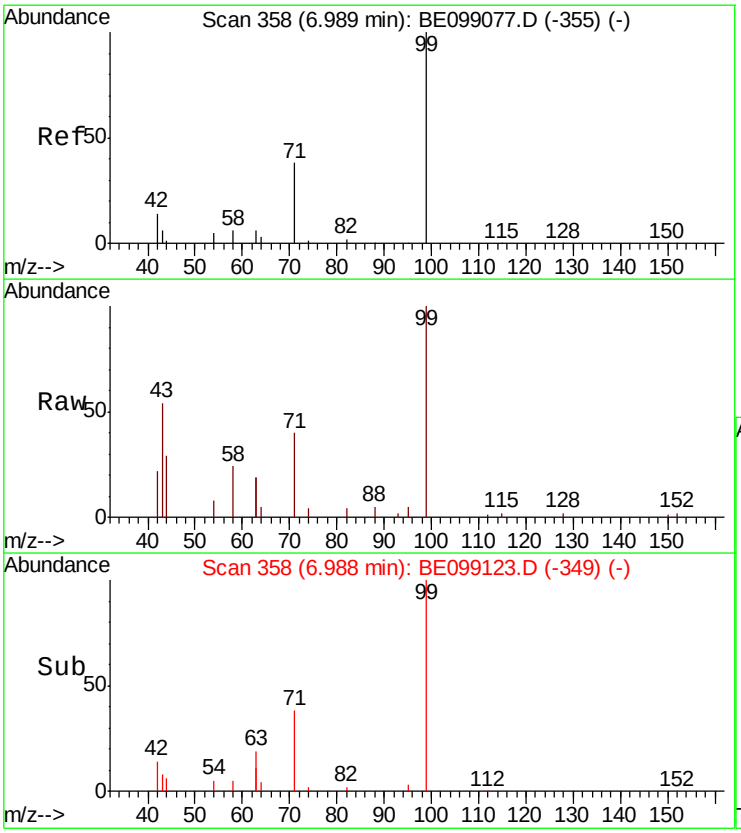
#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:112 Resp: 4350

Ion	Ratio	Lower	Upper
112	100		
64	60.1	57.9	86.9
63	118.7	158.3	237.5#

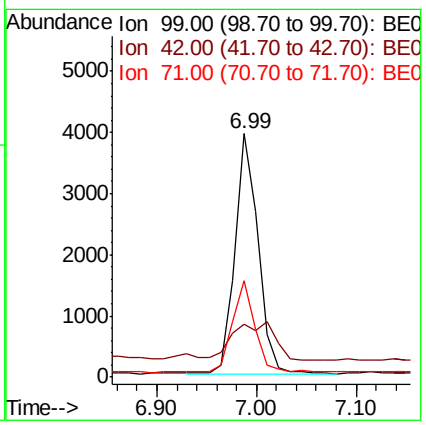


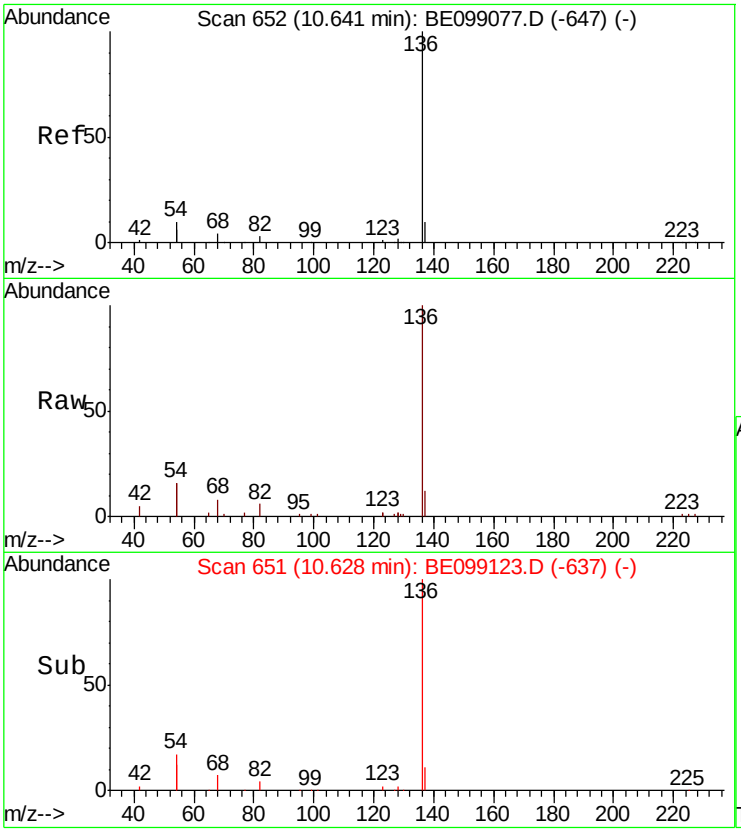


#5
Phenol-d6
Concen: 0.430 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion: 99 Resp: 6241

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	36.9	35.7	53.5



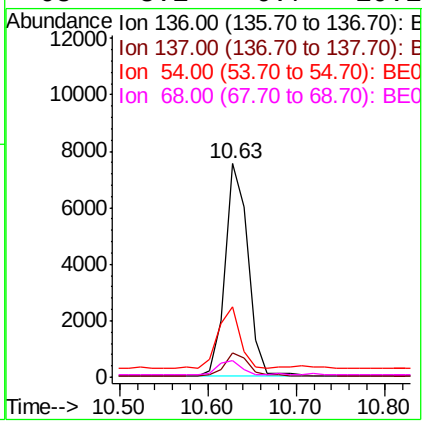


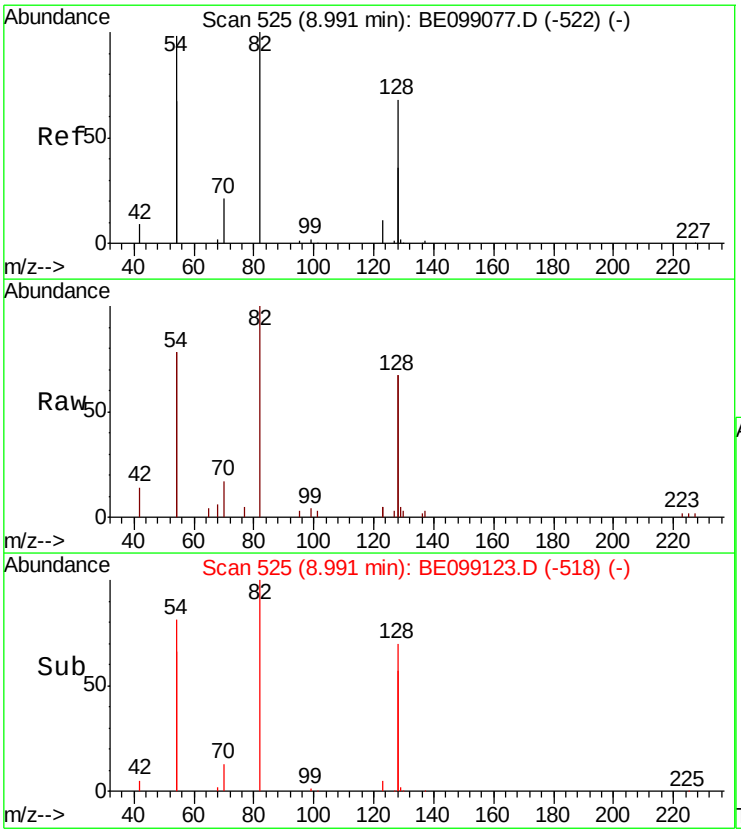
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:136 Resp: 13407

Ion	Ratio	Lower	Upper
136	100		
137	11.6	11.4	17.0
54	32.8	39.3	58.9#
68	8.1	6.7	10.1

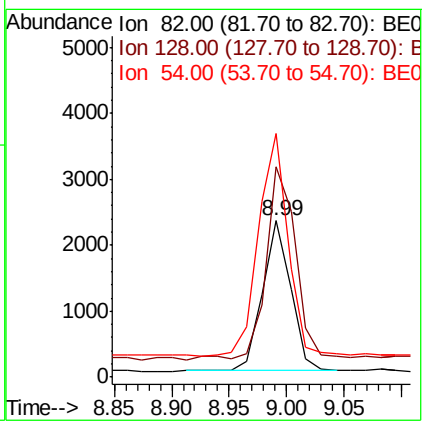


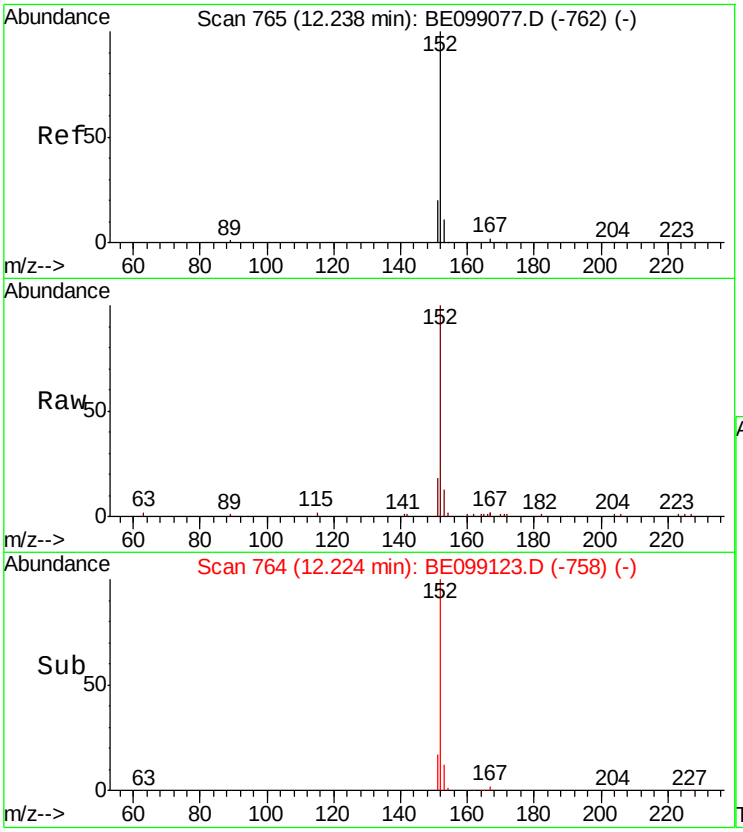


#8
Nitrobenzene-d5
Concen: 0.665 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion: 82 Resp: 3896

Ion	Ratio	Lower	Upper
82	100		
128	134.0	123.8	185.8
54	155.6	203.4	305.2#



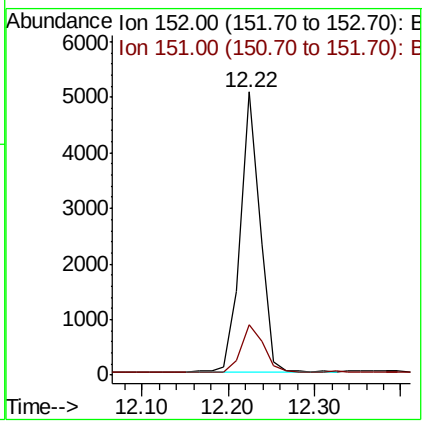


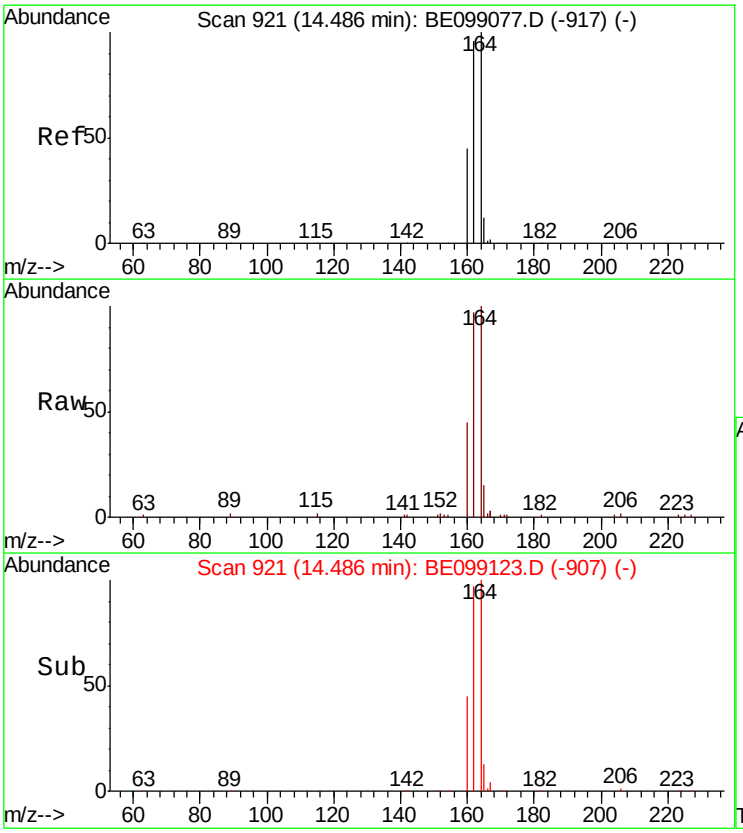
#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:152 Resp: 7877

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.5	24.7

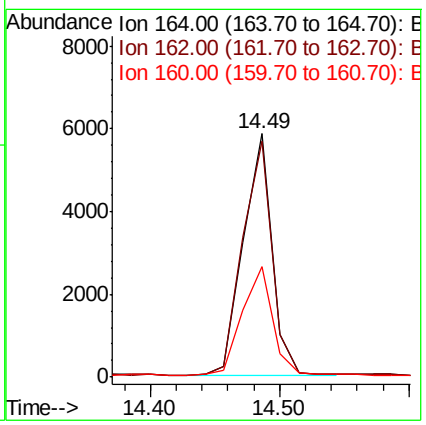


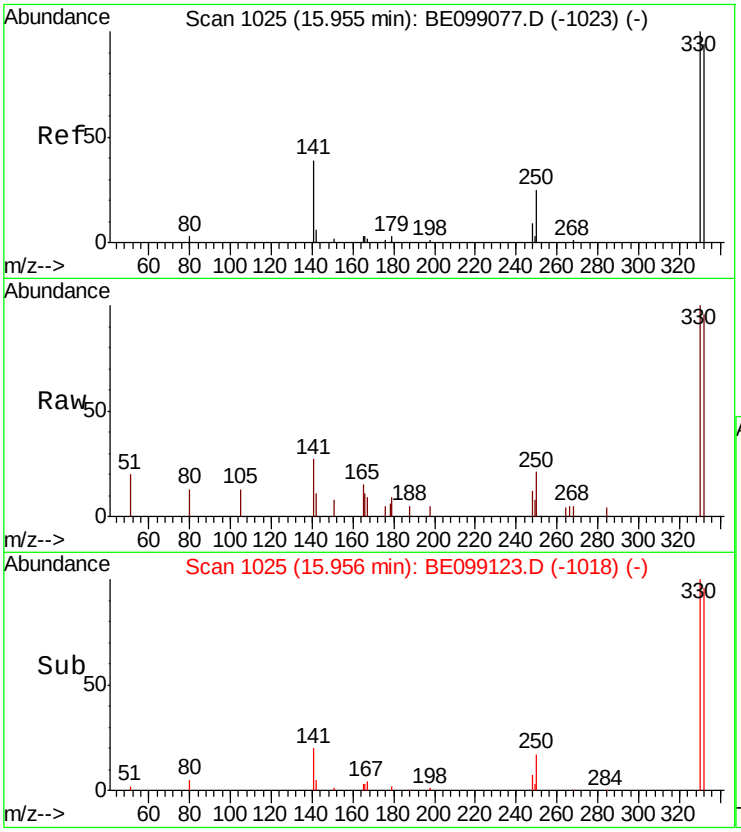


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:164 Resp: 8895

Ion	Ratio	Lower	Upper
164	100		
162	96.9	80.2	120.2
160	45.4	37.8	56.8



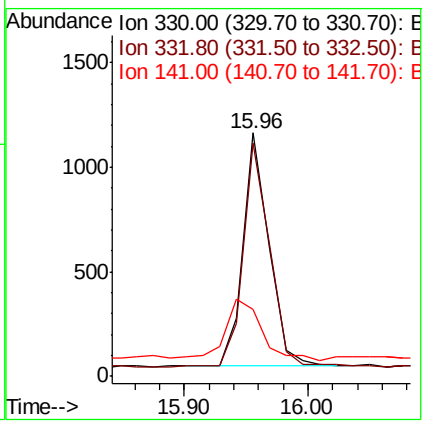


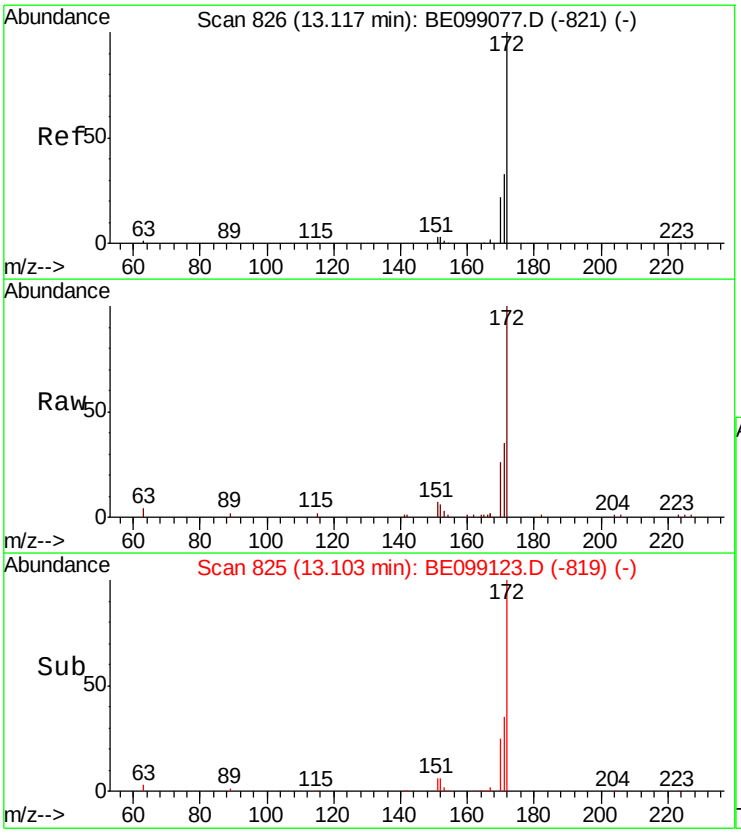
#14
2,4,6-Tribromophenol
Concen: 0.618 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:330 Resp: 1616

Ion	Ratio	Lower	Upper
330	100		
332	100.4	77.6	116.4
141	36.0	31.0	46.4

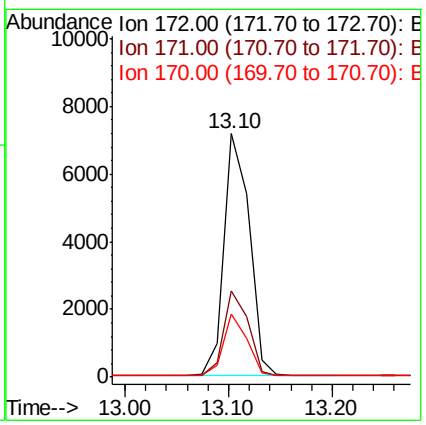


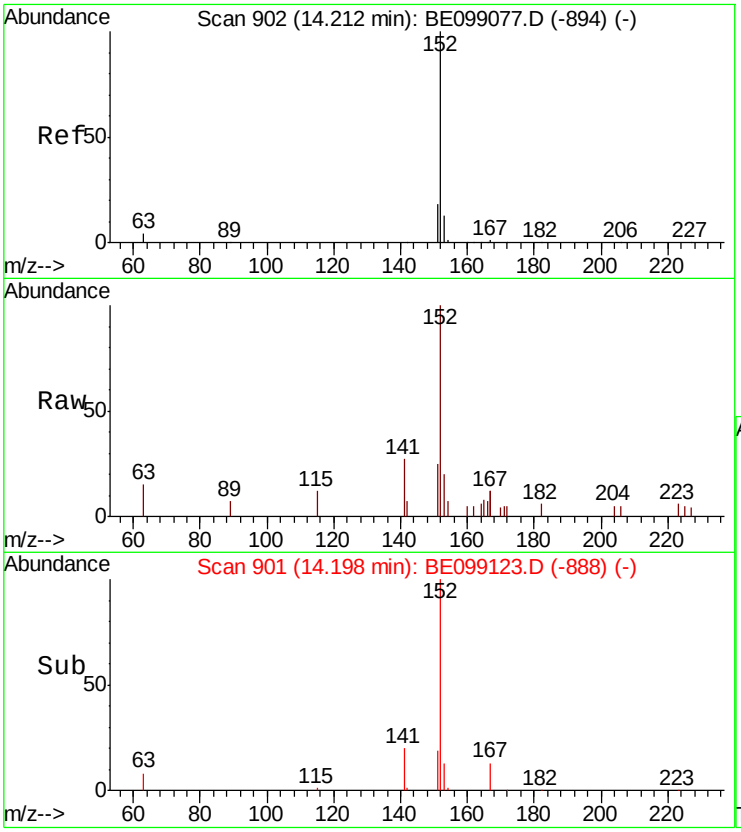


#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:172 Resp: 12102

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.0	42.0
170	25.8	17.7	26.5



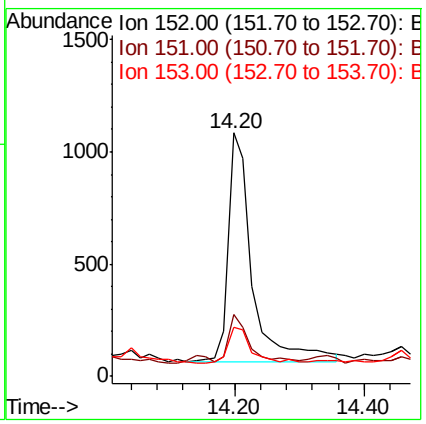


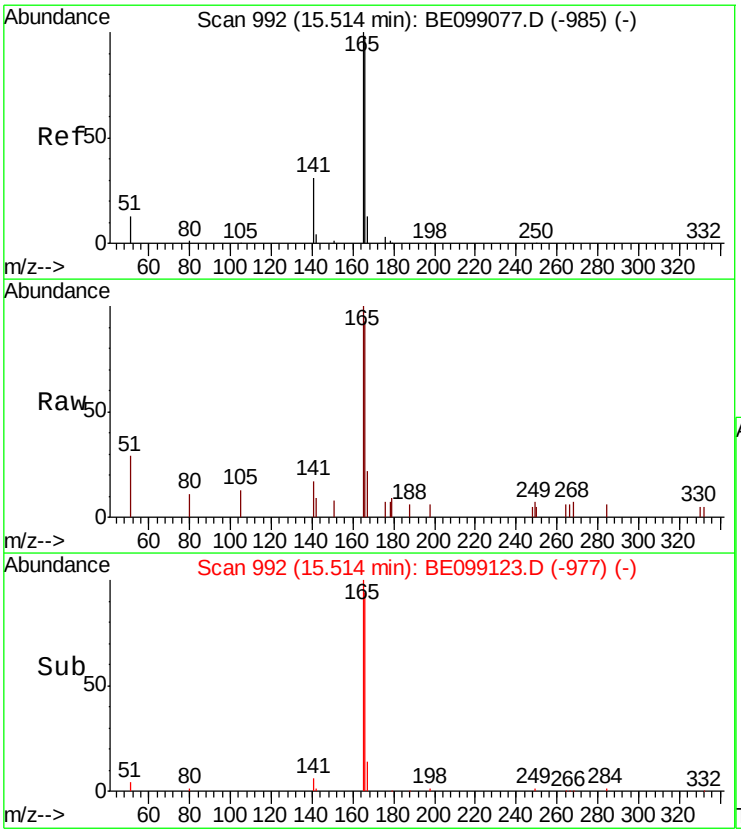
#16
Acenaphthylene
Concen: 0.055 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:152 Resp: 2620

Ion	Ratio	Lower	Upper
152	100		
151	17.1	17.0	25.6
153	14.7	11.2	16.8

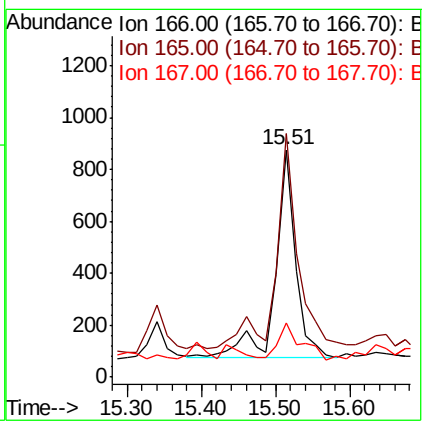


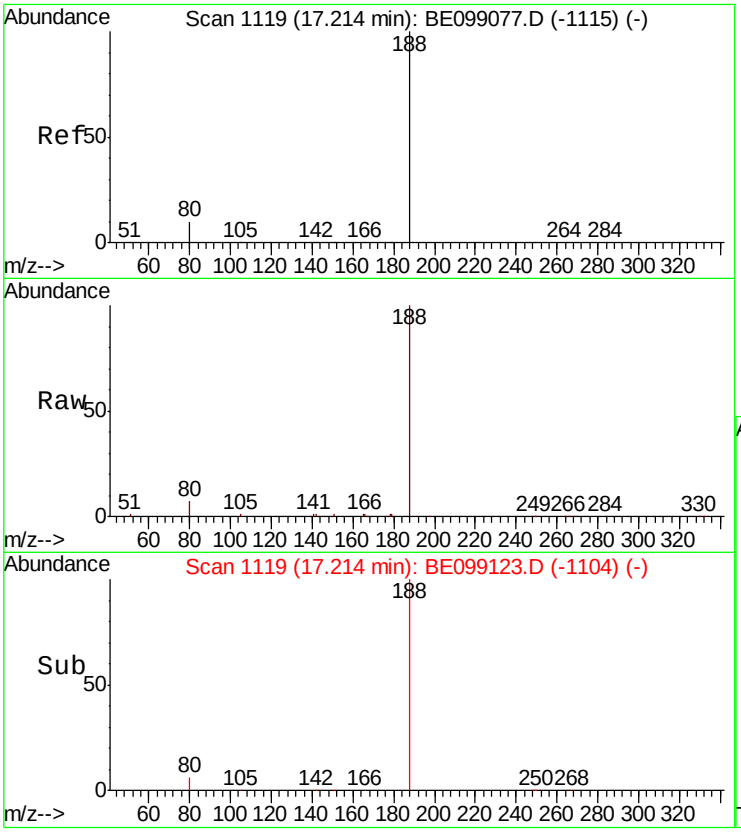


#18
Fluorene
Concen: 0.036 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:166 Resp: 1490

Ion	Ratio	Lower	Upper
166	100		
165	114.8	79.3	118.9
167	19.0	10.5	15.7#



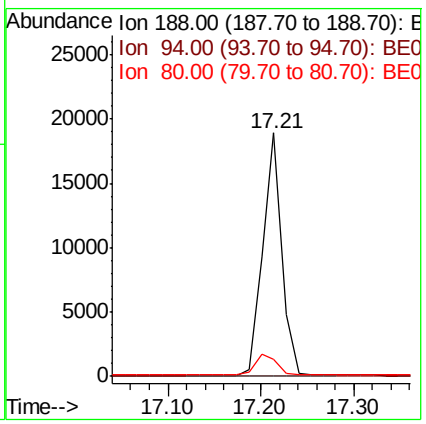


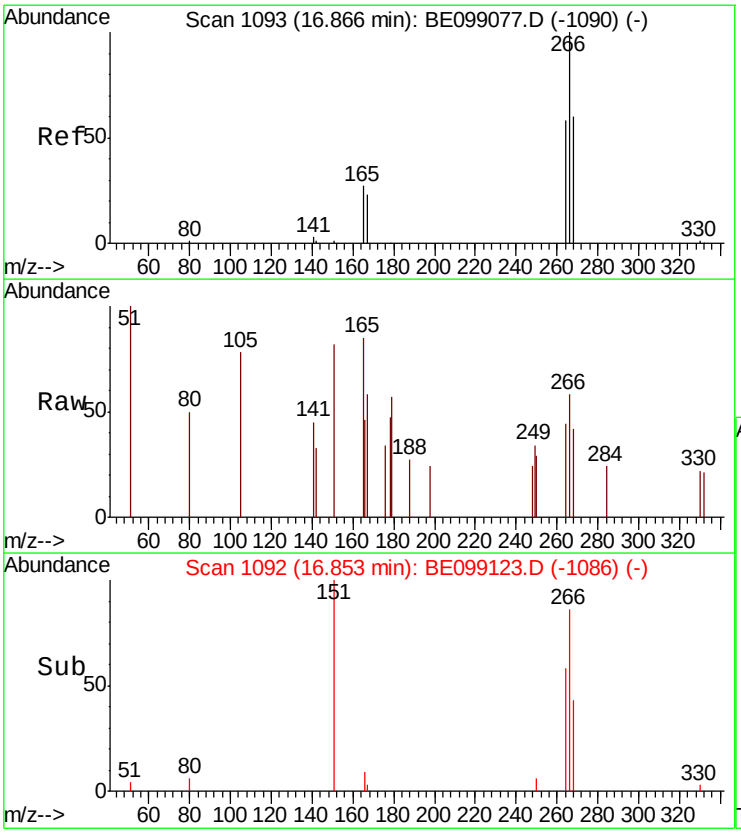
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:188 Resp: 26981

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.3	9.5

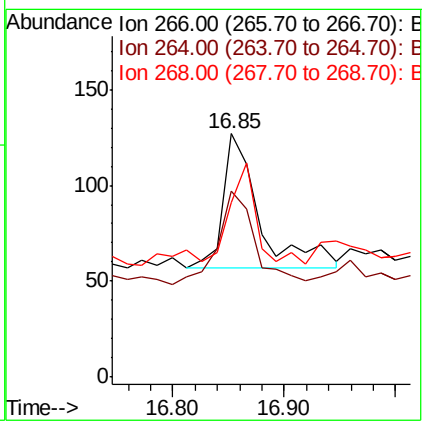


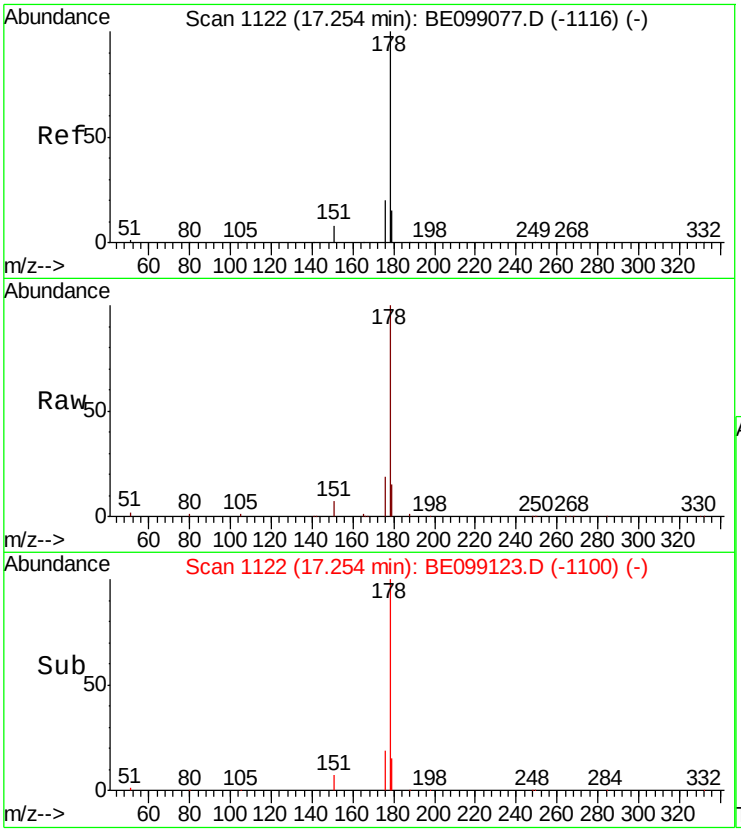


#22
Pentachlorophenol
Concen: 0.279 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:266 Resp: 157

Ion	Ratio	Lower	Upper
266	100		
264	76.4	66.6	100.0
268	71.7	69.8	104.8



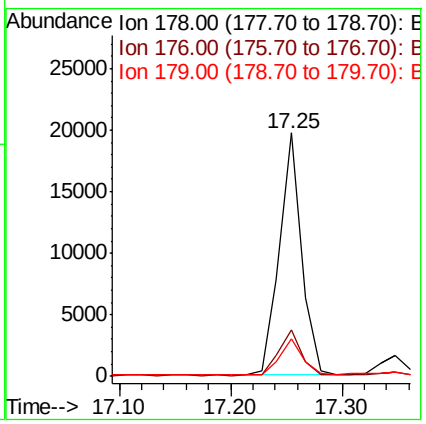


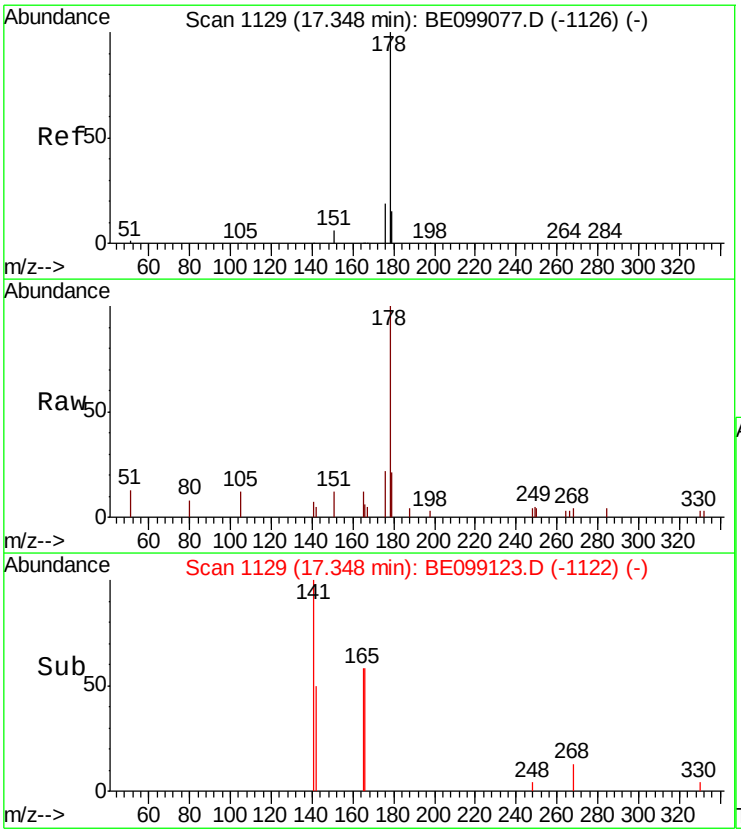
#23
Phenanthrene
Concen: 0.347 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:178 Resp: 27789

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.4	12.1	18.1

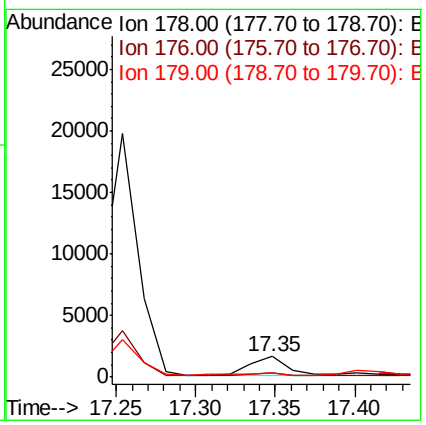


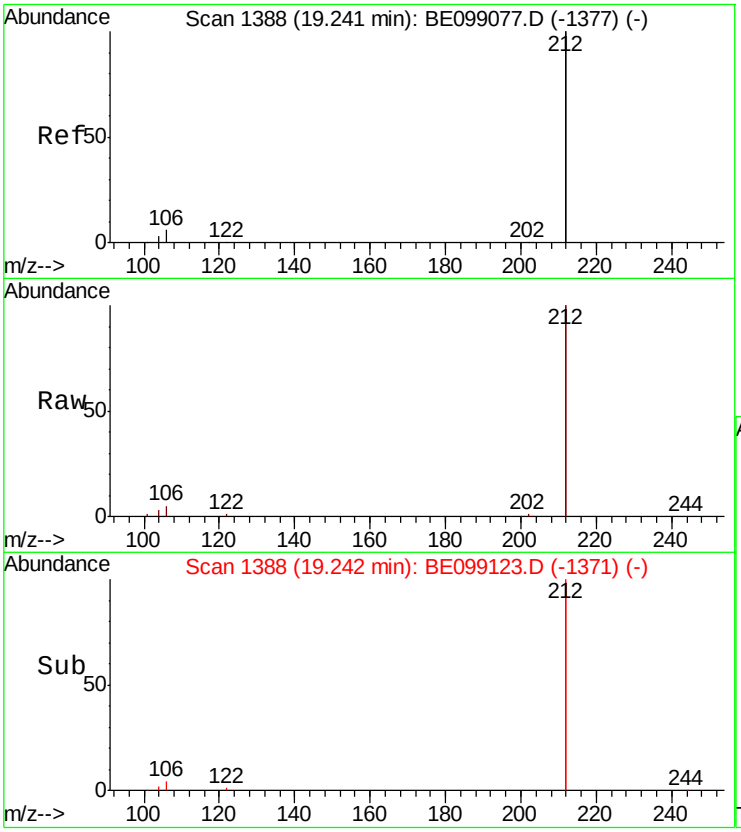


#24
Anthracene
Concen: 0.033 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:178 Resp: 2482

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.0
179	16.7	12.2	18.4



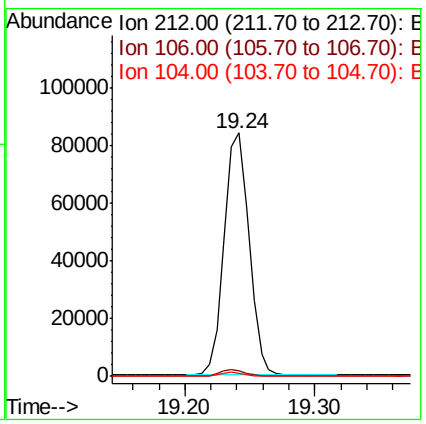


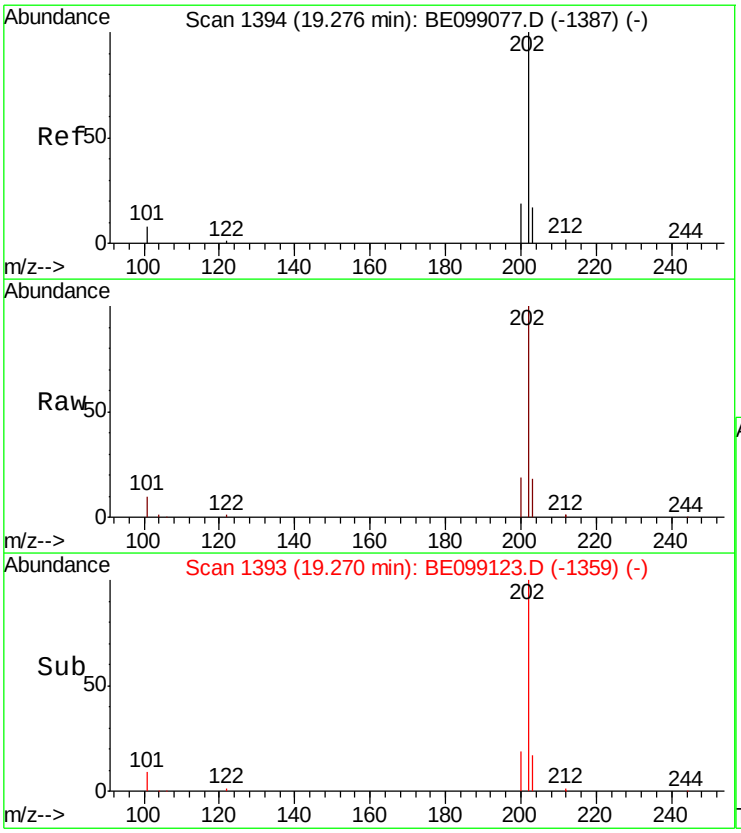
#25
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:212 Resp: 111415

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.0	1.6

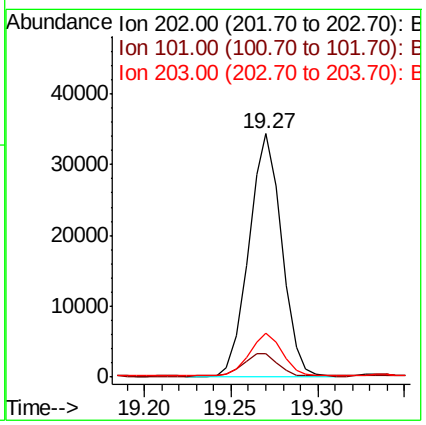


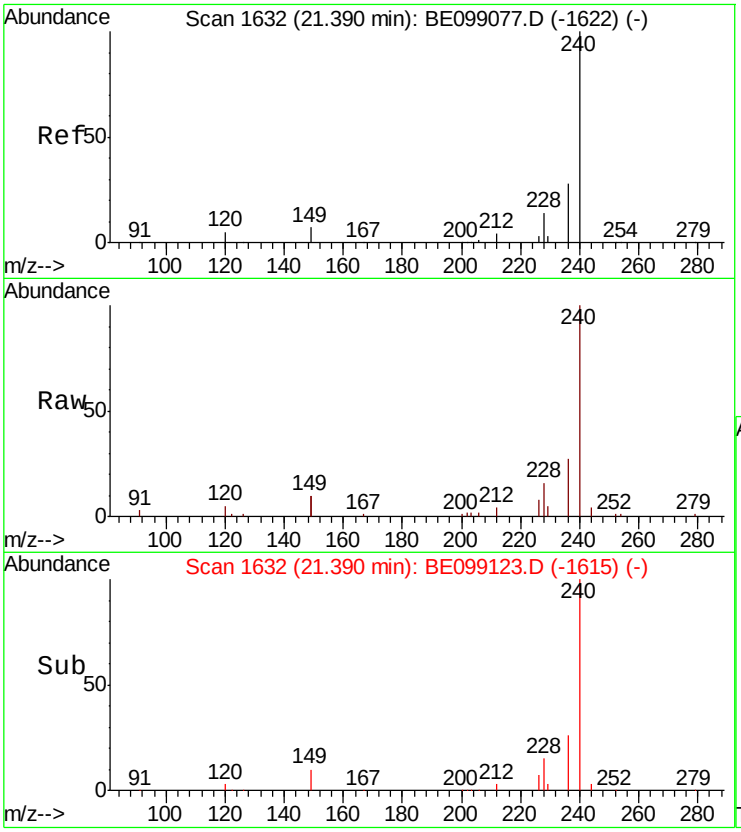


#26
Fluoranthene
Concen: 0.400 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:202 Resp: 45097

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.3	10.9
203	17.7	13.4	20.2



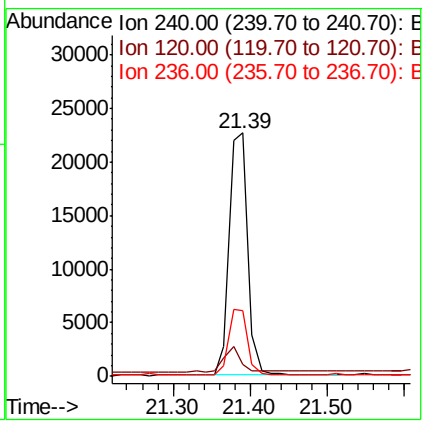


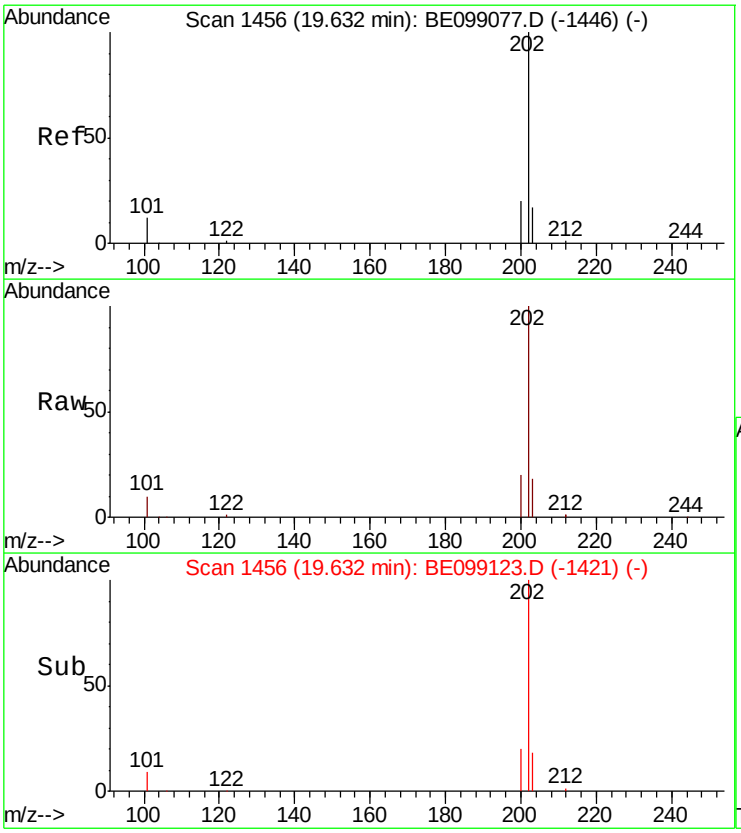
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:240 Resp: 37833

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.0	7.4
236	27.1	22.7	34.1

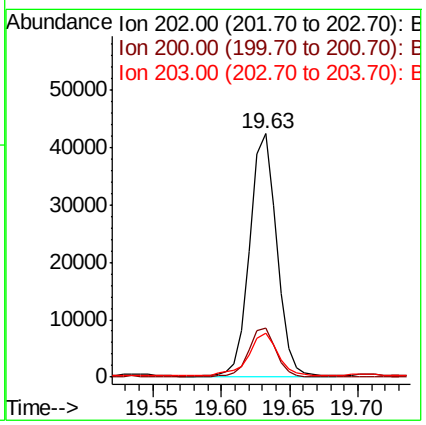


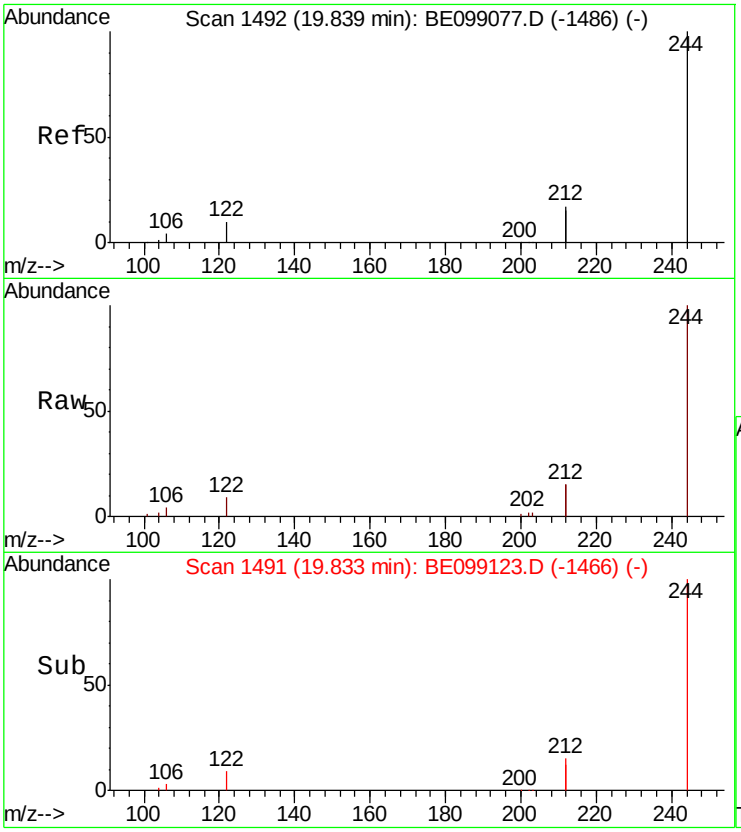


#28
Pyrene
Concen: 0.444 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:202 Resp: 57021

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.6
203	19.6	14.2	21.2



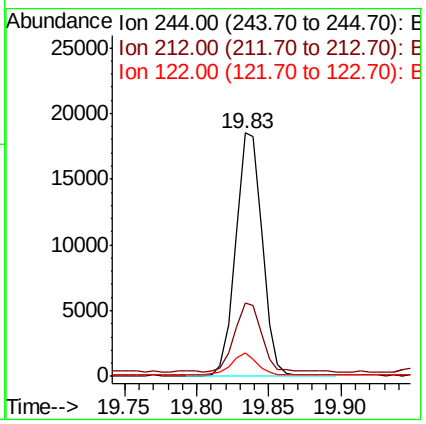


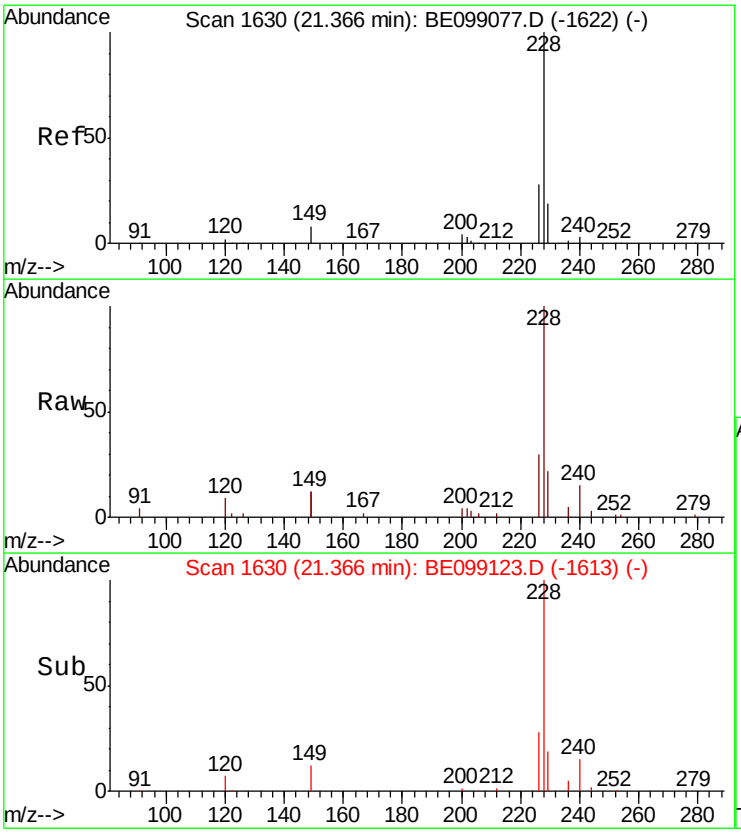
#29
Terphenyl-d14
Concen: 0.293 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:244 Resp: 23470

Ion	Ratio	Lower	Upper
244	100		
212	30.3	29.4	44.2
122	9.4	7.1	10.7

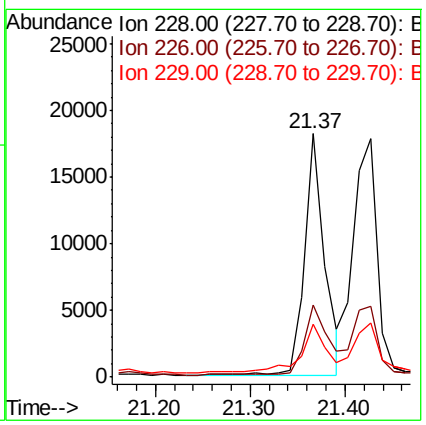


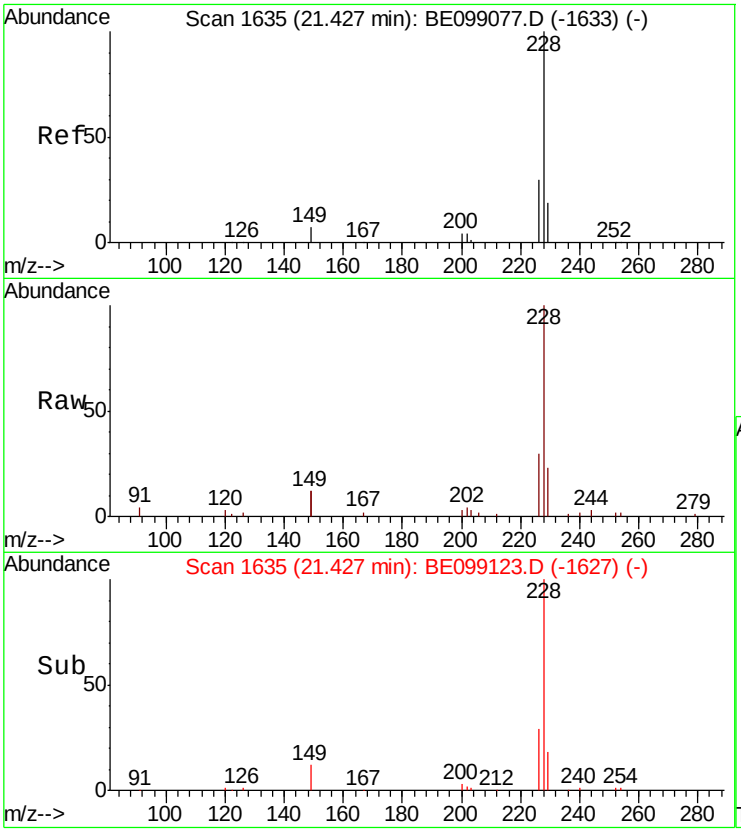


#30
Benzo(a)anthracene
Concen: 0.199 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:228 Resp: 26482

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.4
229	21.6	16.5	24.7



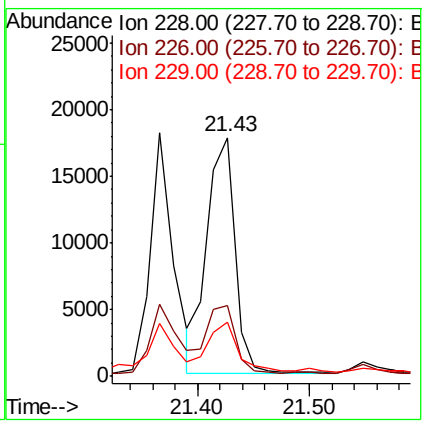


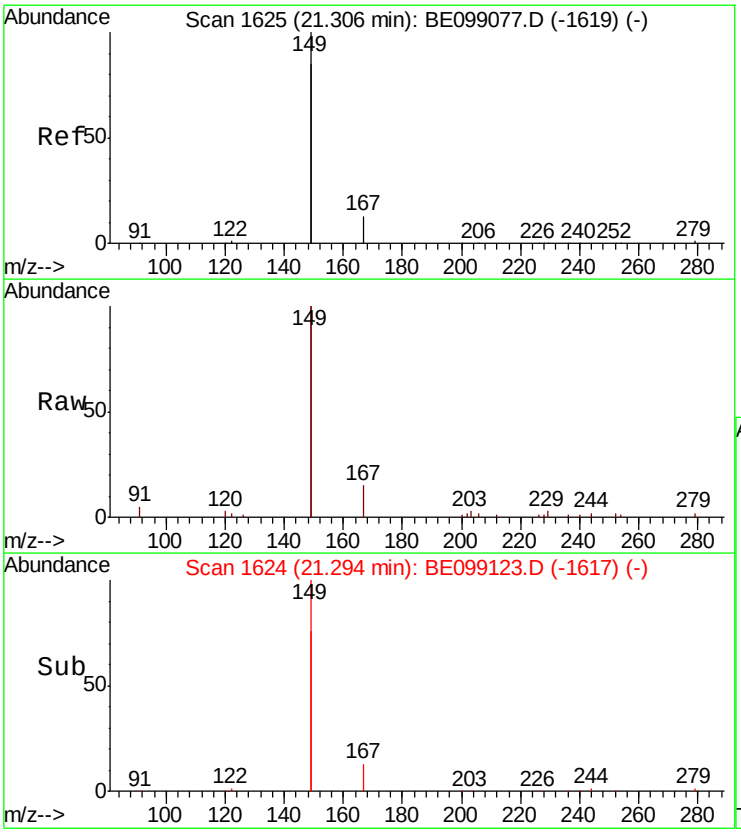
#31
Chrysene
Concen: 0.230 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:228 Resp: 30589

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	23.0	16.1	24.1

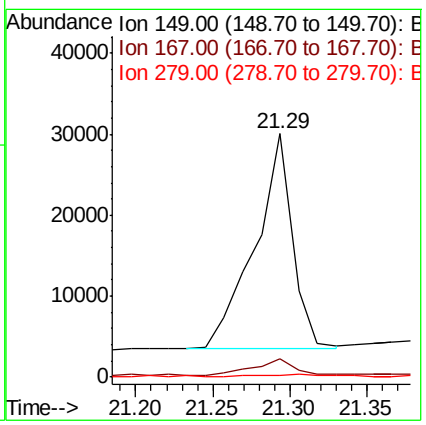


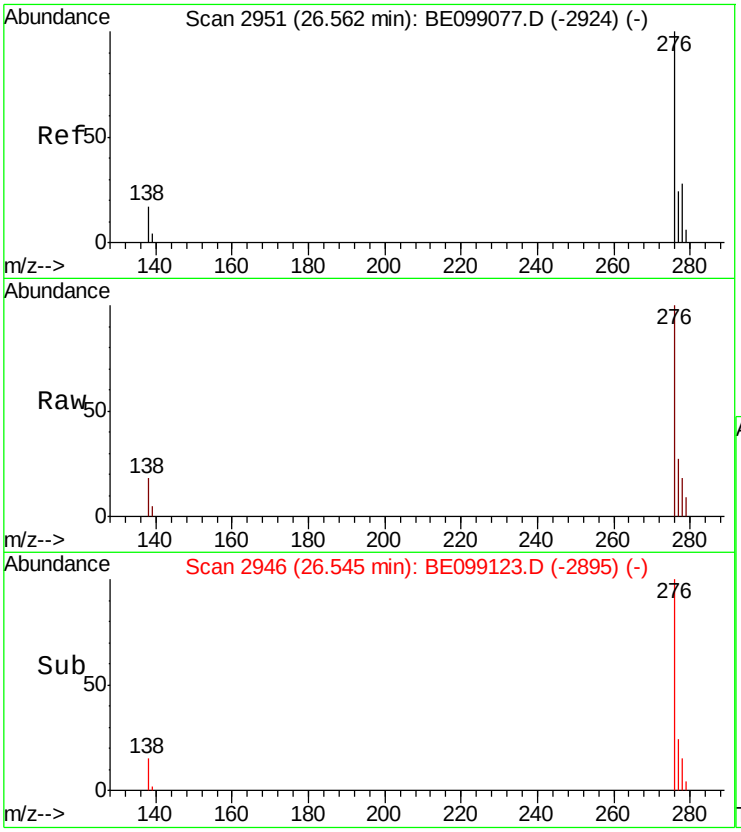


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.258 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:149 Resp: 44608

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.0	1.0	1.4



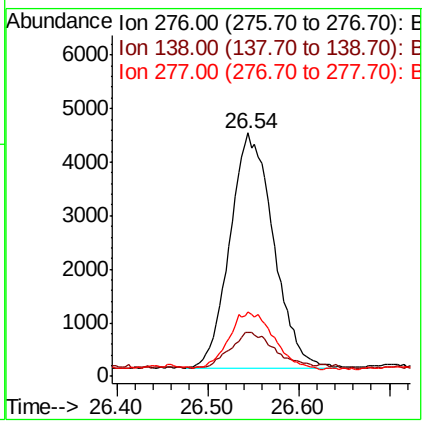


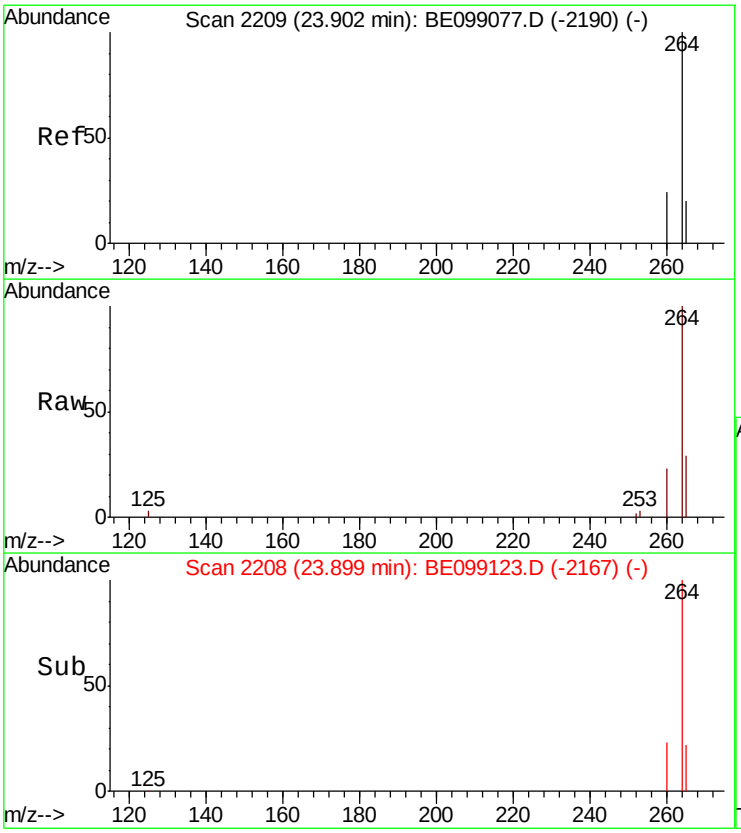
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:276 Resp: 14646

Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.8	20.8
277	25.3	19.5	29.3

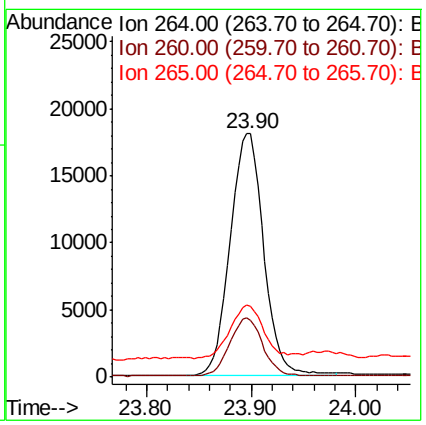


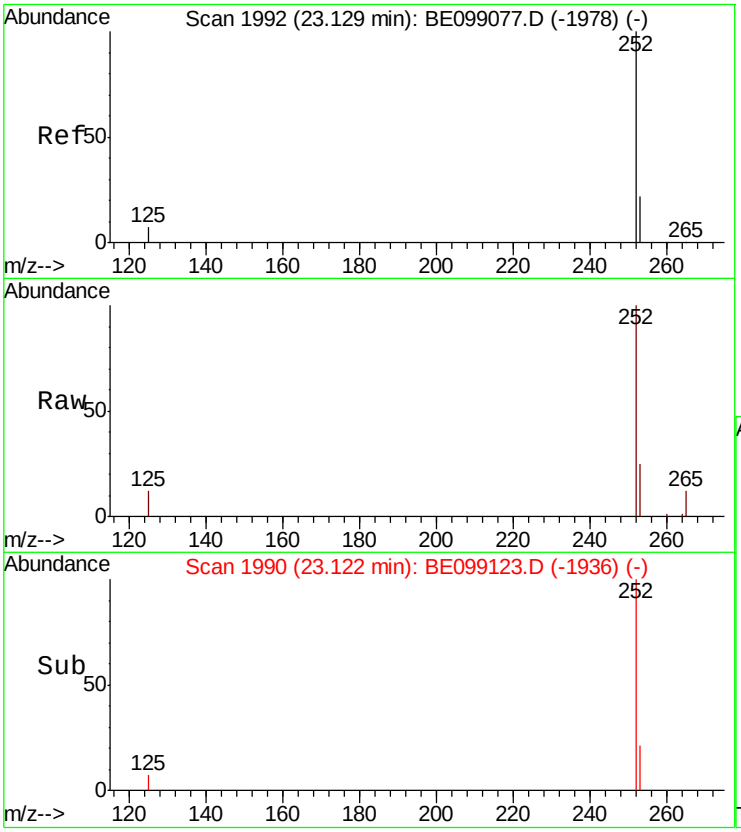


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:264 Resp: 39871

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.2	31.8
265	29.0	24.6	36.8



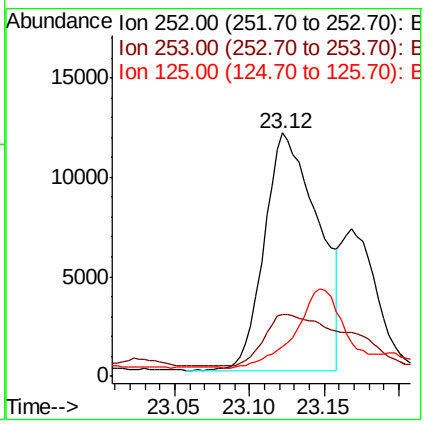


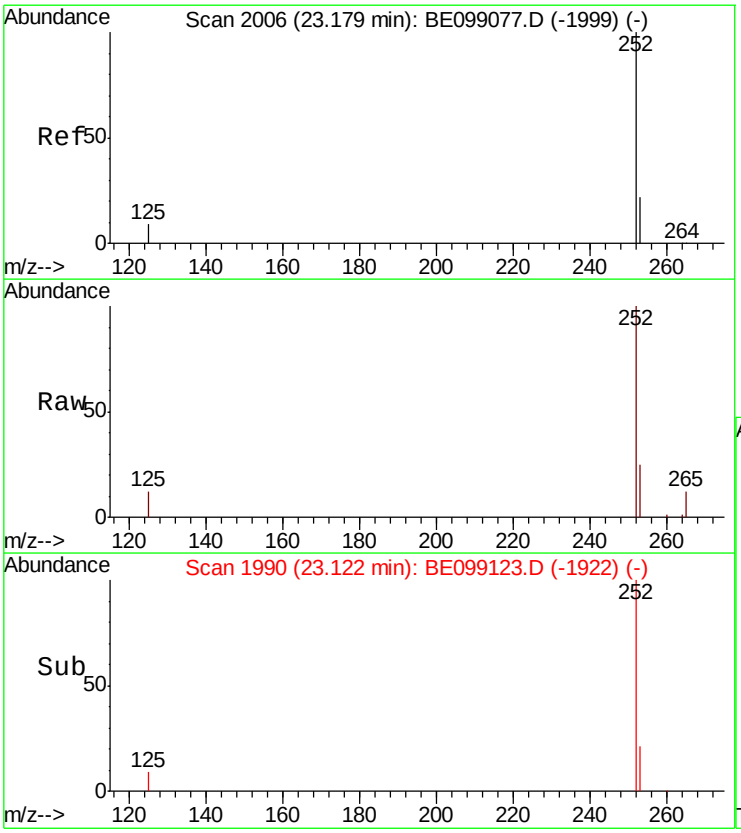
#35
Benzo(b)fluoranthene
Concen: 0.218 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:252 Resp: 30007

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	12.2	7.3	10.9#

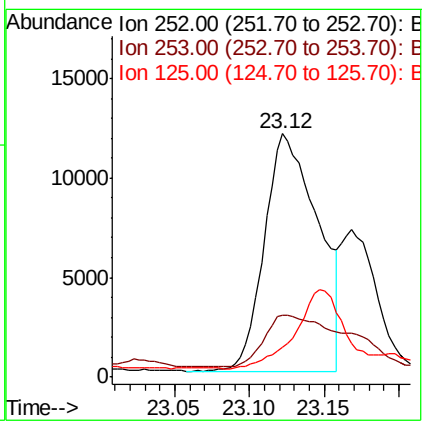


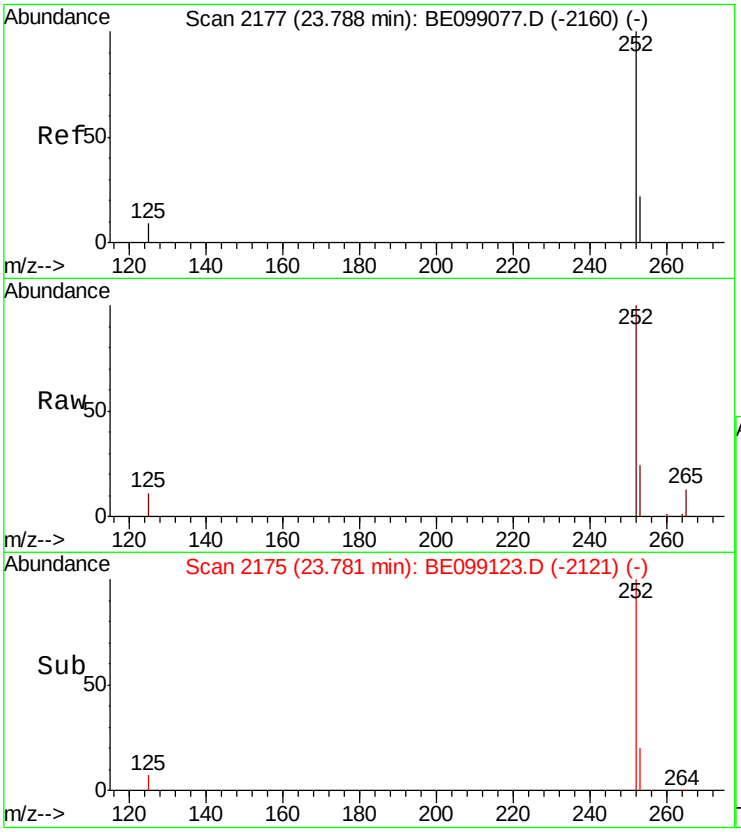


#36
Benzo(k)fluoranthene
Concen: 0.222 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.06 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:252 Resp: 30007

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.3	28.9
125	12.2	7.5	11.3#



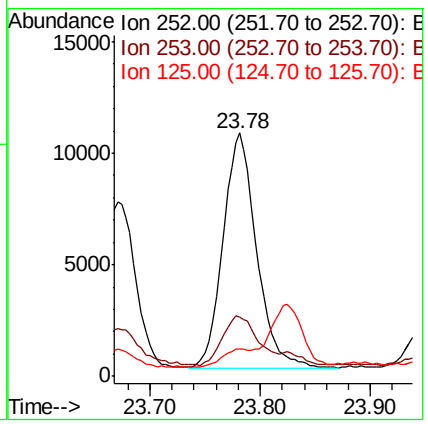


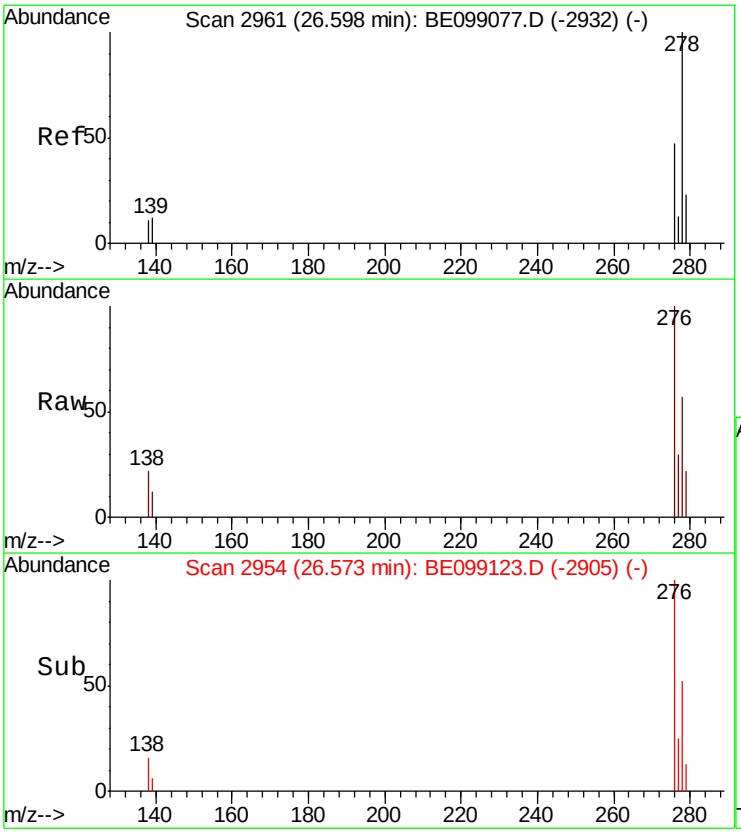
#37
Benzo(a)pyrene
Concen: 0.176 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:252 Resp: 22455

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.9	29.9
125	11.3	9.0	13.4

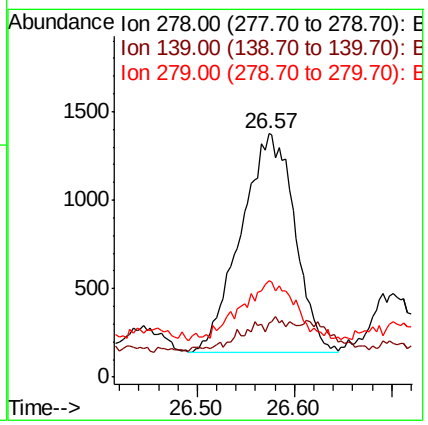


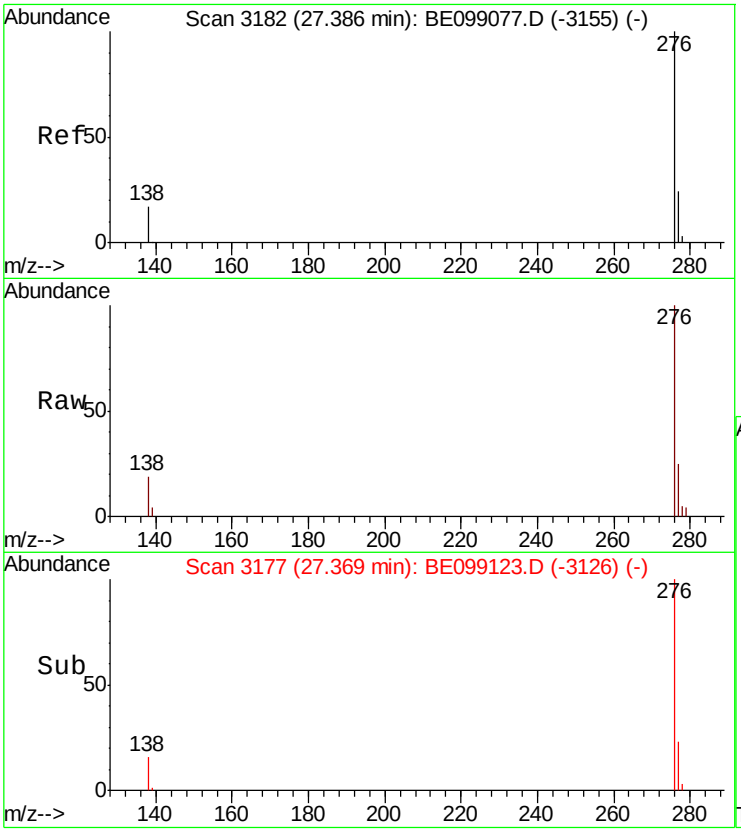


#38
Dibenzo(a,h)anthracene
Concen: 0.039 ng
RT: 26.57 min Scan# 2954
Delta R.T. -0.02 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Tgt Ion:278 Resp: 4783

Ion	Ratio	Lower	Upper
278	100		
139	22.1	11.8	17.6#
279	39.4	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.121 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BE099123.D
Acq: 23 Mar 2019 22:46

Instrument :
BNA_E
ClientSampleId :
PST-026-SW073-031819

Tgt Ion:276 Resp: 15390

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	18.7	13.6	20.4