Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099439.D
Acq On : 30 Apr 2019 23:25
Operator : JU/SJ
Sample : K2568-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-003-B175-042319

Quant Time: May 01 02:15:39 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	7.81	152	2809	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	10191	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7532	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	24519	0.40	ng		0.00
27) Chrysene-d12	21.37	240	33806	0.40	ng		0.00
34) Perylene-d12	23.86	264	38600	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3011	0.39	ng		0.00
5) Phenol-d6	6.97	99	4413	0.43	ng		0.00
8) Nitrobenzene-d5	8.96	82	3675	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	6607	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	2071	0.44	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	9671	0.34	ng		-0.02
25) Fluoranthene-d10	19.22	212	111823	0.34	ng		0.00
29) Terphenyl-d14	19.81	244	23794	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	739	0.191	ng	#	1
9) Naphthalene	10.65	128	12873	0.116	ng	#	99
12) 2-Methylnaphthalene	12.27	142	786	0.041	ng	#	94
16) Acenaphthylene	14.18	152	3624	0.098	ng		99
17) Acenaphthene	14.51	154	845	0.040	ng		96
18) Fluorene	15.49	166	1567	0.050	ng	#	93
22) Pentachlorophenol	16.84	266	69	0.224	ng	#	60
23) Phenanthrene	17.23	178	57785	0.913	ng		99
24) Anthracene	17.32	178	6205	0.103	ng	#	84
26) Fluoranthene	19.25	202	161493	1.704	ng		100
28) Pyrene	19.61	202	156644	1.778	ng	#	96
30) Benzo(a)anthracene	21.34	228	97177	0.902	ng		97
31) Chrysene	21.40	228	107492	1.020	ng		97
32) Bis(2-ethylhexyl)phthalate	21.26	149	17159	0.041	ng		99
33) Indeno(1,2,3-cd)pyrene	26.50	276	63420	0.509	ng		97
35) Benzo(b)fluoranthene	23.09	252	128948	1.159	ng	#	96
36) Benzo(k)fluoranthene	23.09	252	128948	1.201	ng	#	96
37) Benzo(a)pyrene	23.74	252	88804	0.844	ng		99
38) Dibenzo(a,h)anthracene	26.52	278	16491	0.153	ng	#	81
39) Benzo(g,h,i)perylene	27.32	276	62625	0.581	ng		99

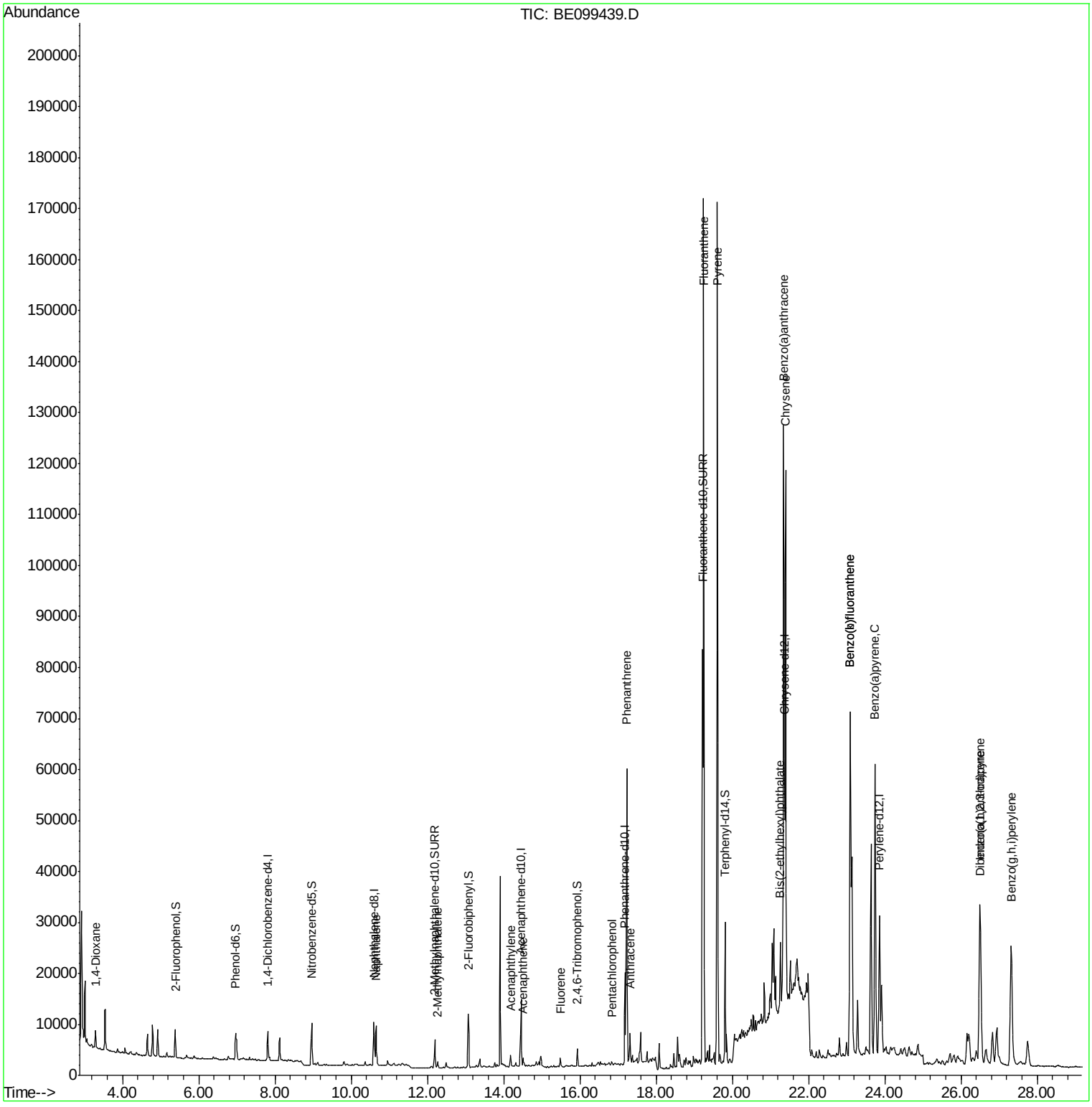
(#) = qualifier out of range (m) = manual integration (+) = signals summed

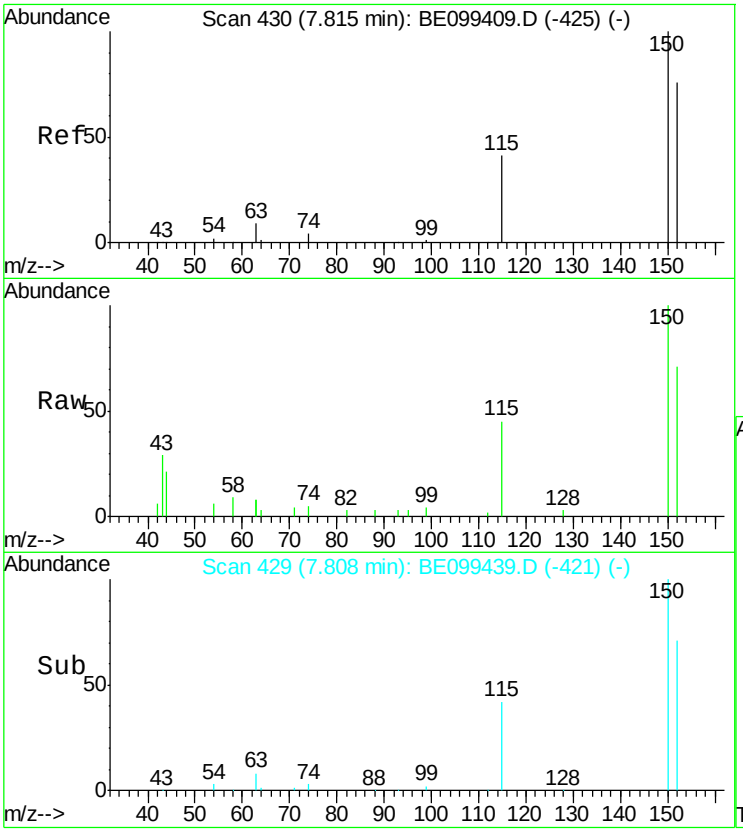
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099439.D
Acq On : 30 Apr 2019 23:25
Operator : JU/SJ
Sample : K2568-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Quant Time: May 01 02:15:39 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



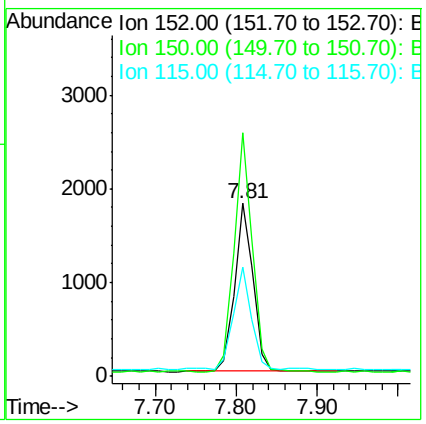


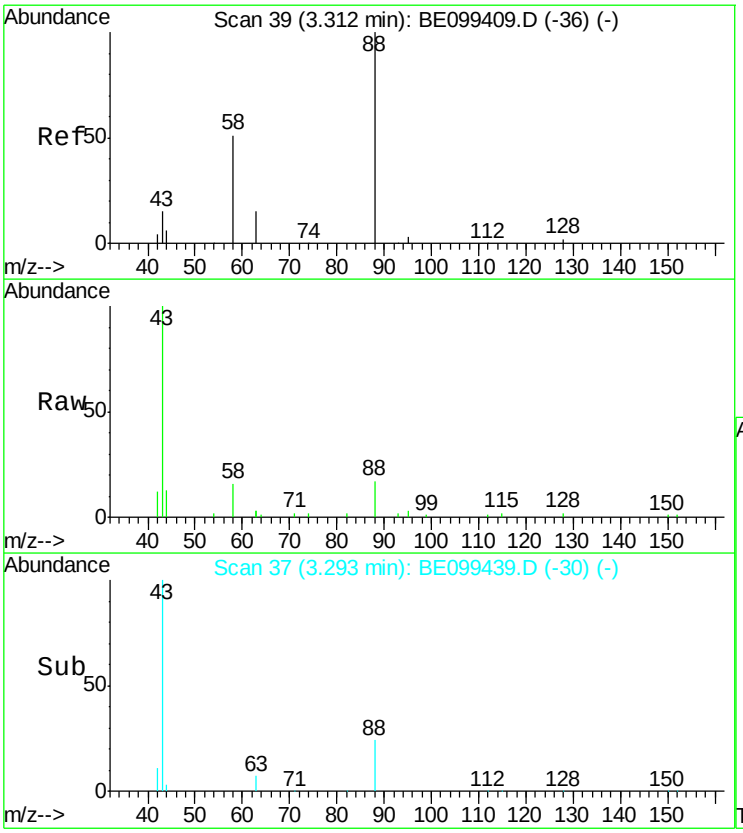
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:152 Resp: 2809

Ion	Ratio	Lower	Upper
152	100		
150	140.7	104.8	157.2
115	62.8	46.6	69.8

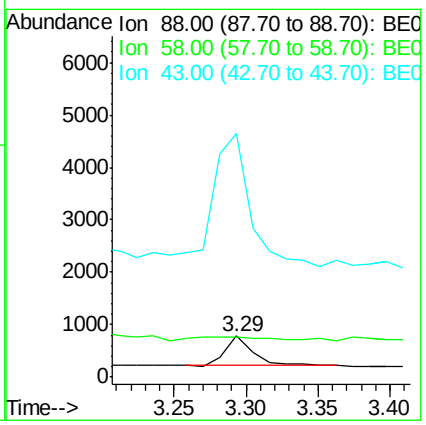


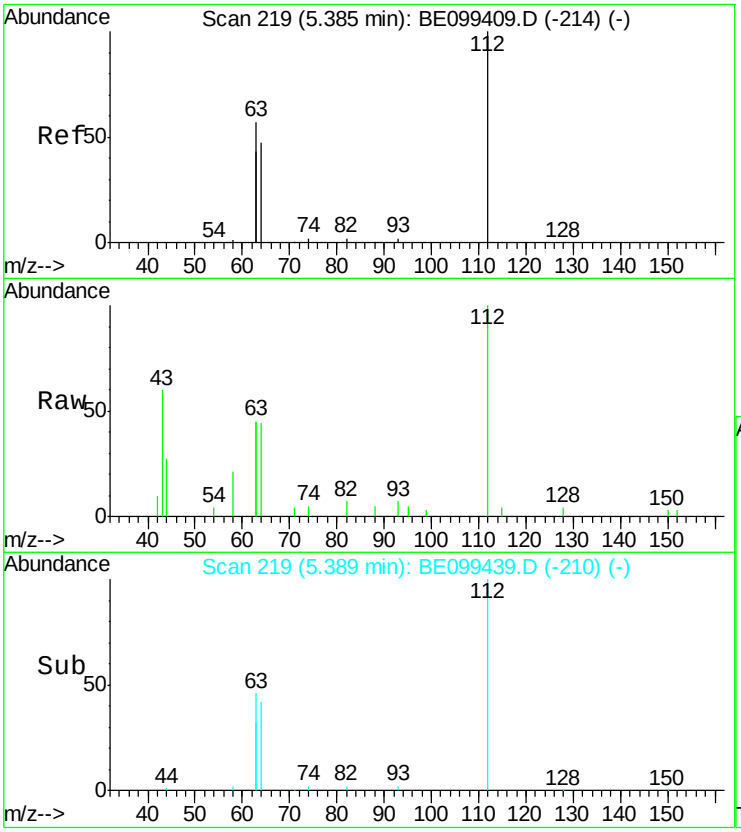


#2
1,4-Dioxane
Concen: 0.191 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.02 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion: 88 Resp: 739

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.0	76.6#
43	607.7	20.6	30.8#



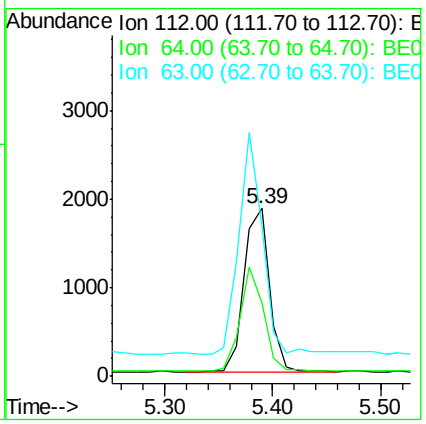


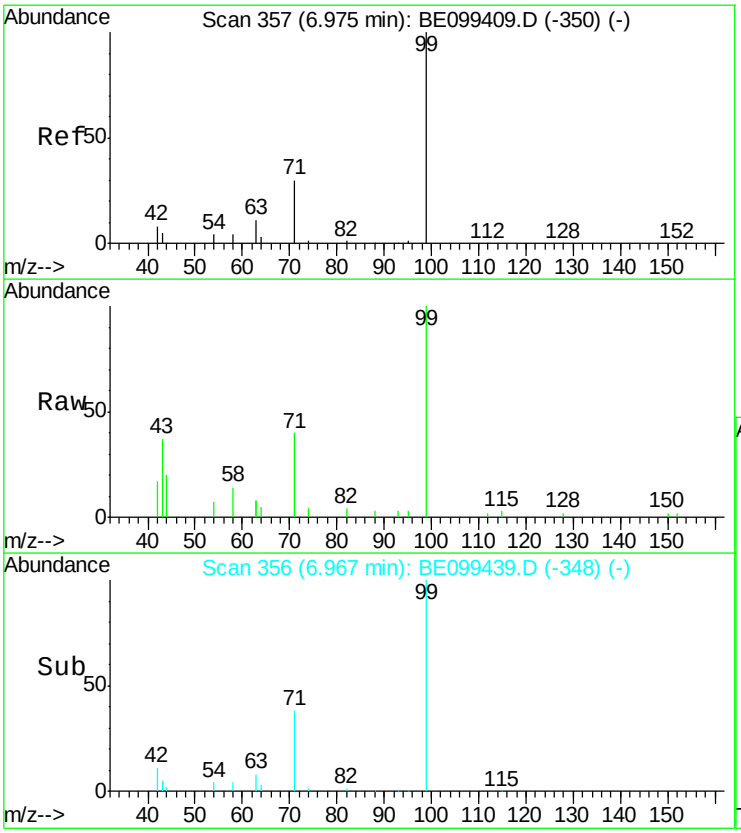
#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:112 Resp: 3011

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.4	71.0
63	132.4	104.3	156.5

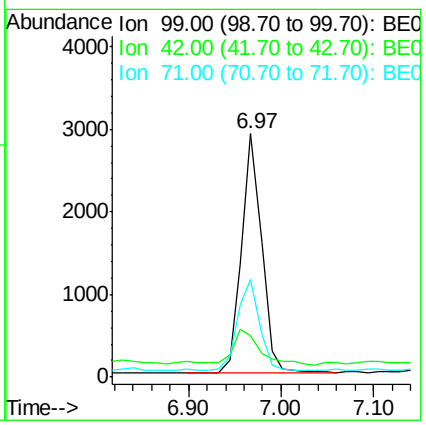


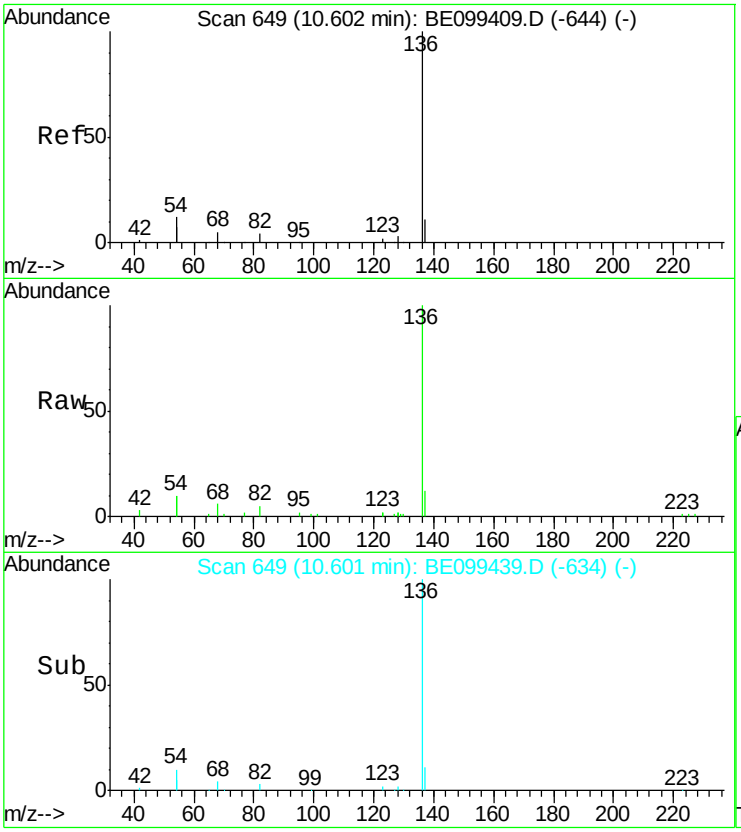


#5
Phenol-d6
Concen: 0.427 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion: 99 Resp: 4413

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.9	22.3
71	41.6	33.0	49.6



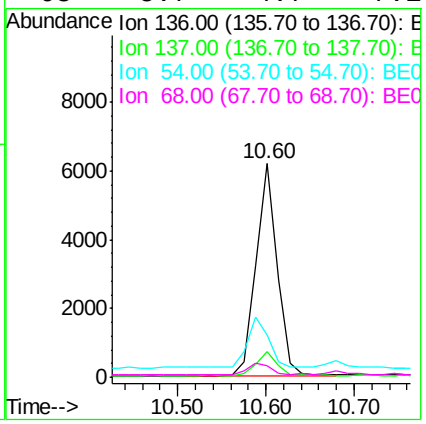


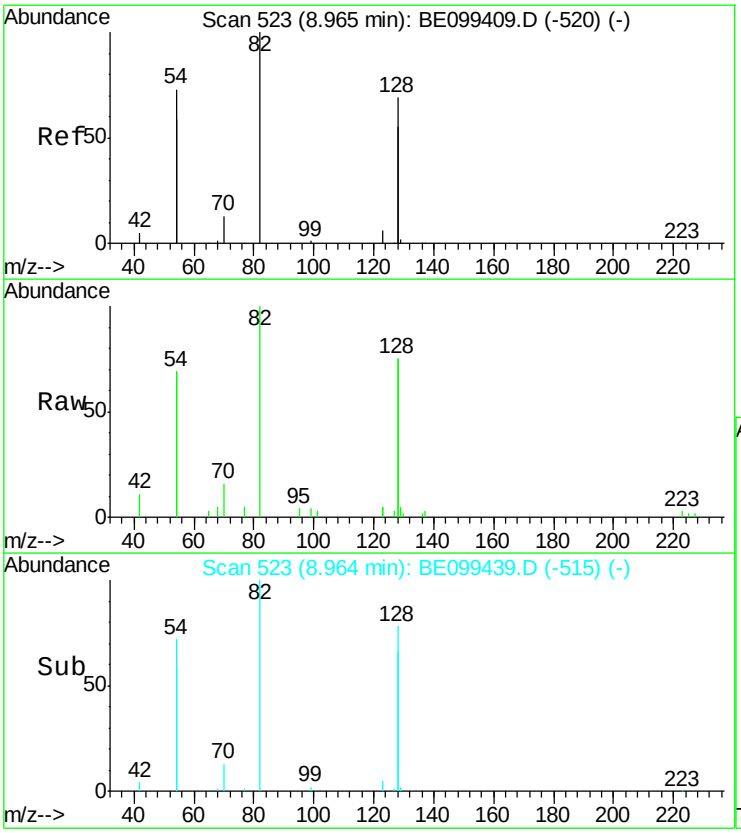
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:136 Resp: 10191

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	19.9	18.5	27.7
68	5.7	4.7	7.1

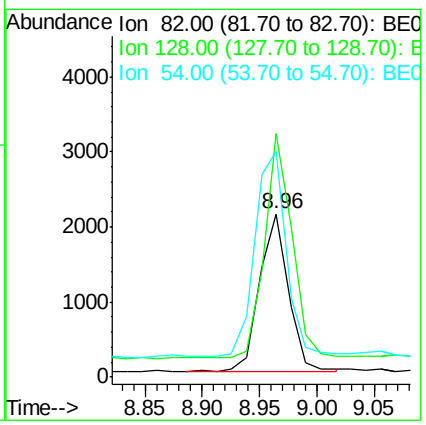


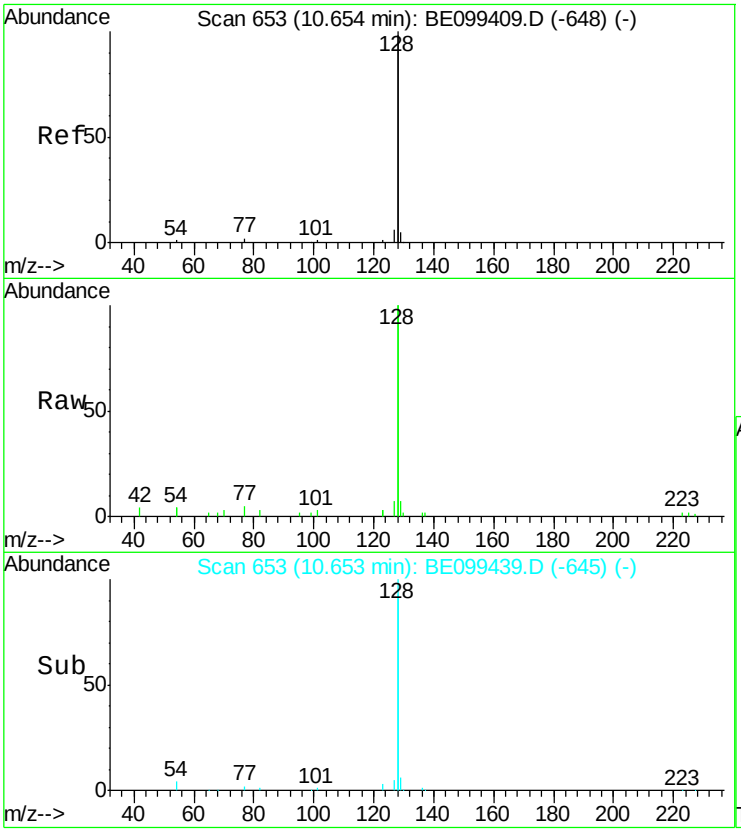


#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion: 82 Resp: 3675

Ion	Ratio	Lower	Upper
82	100		
128	149.1	107.0	160.4
54	138.2	113.1	169.7



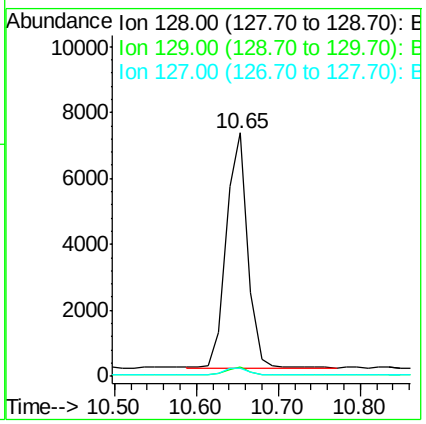


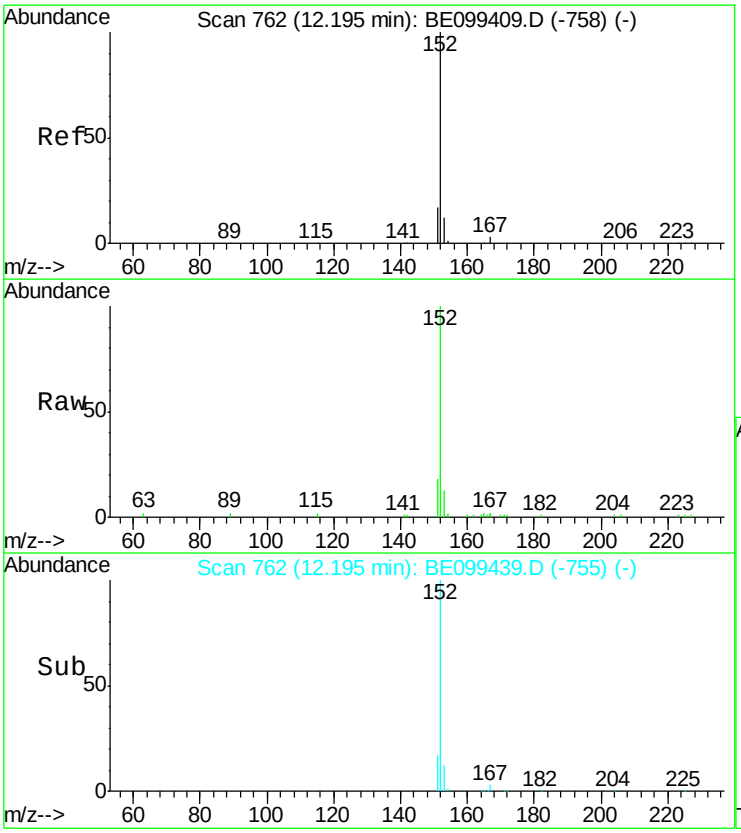
#9
Naphthalene
Concen: 0.116 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:128 Resp: 12873

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.4	3.6#
127	3.5	2.8	4.2

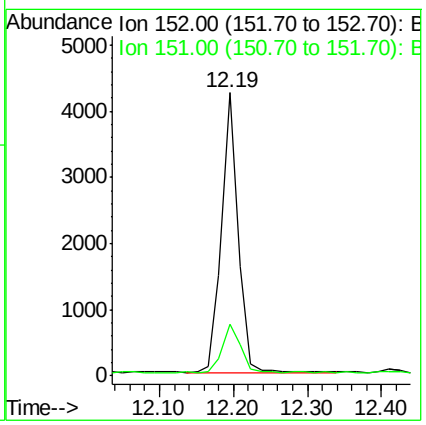


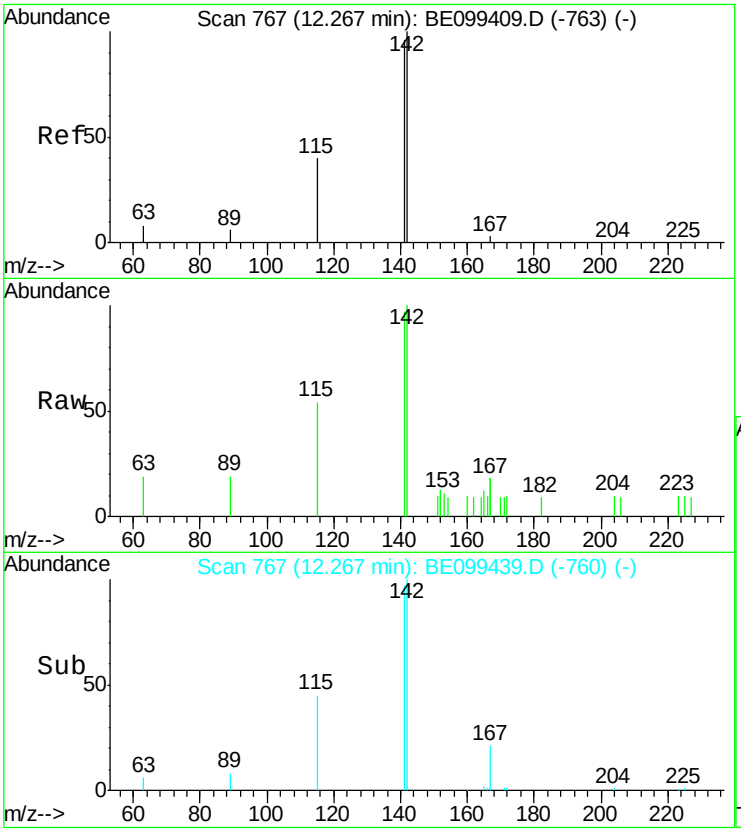


#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:152 Resp: 6607

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.5	23.3



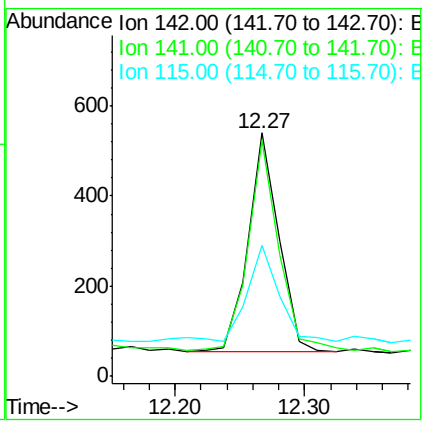


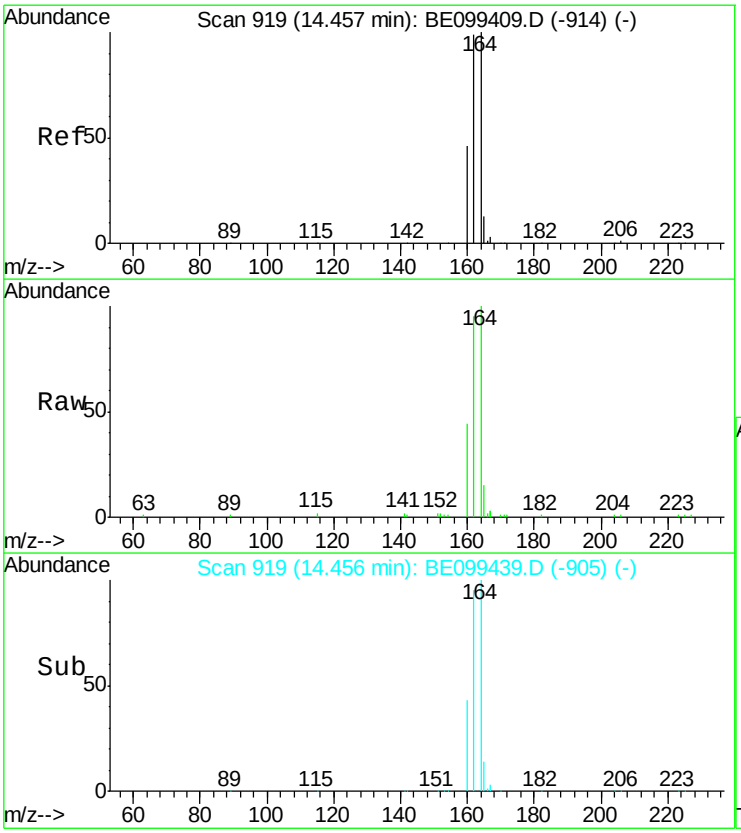
#12
2-Methylnaphthalene
Concen: 0.041 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:142 Resp: 786

Ion	Ratio	Lower	Upper
142	100		
141	97.0	77.0	115.4
115	53.9	33.4	50.0#

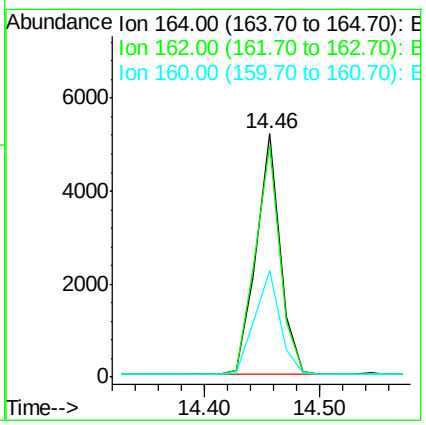


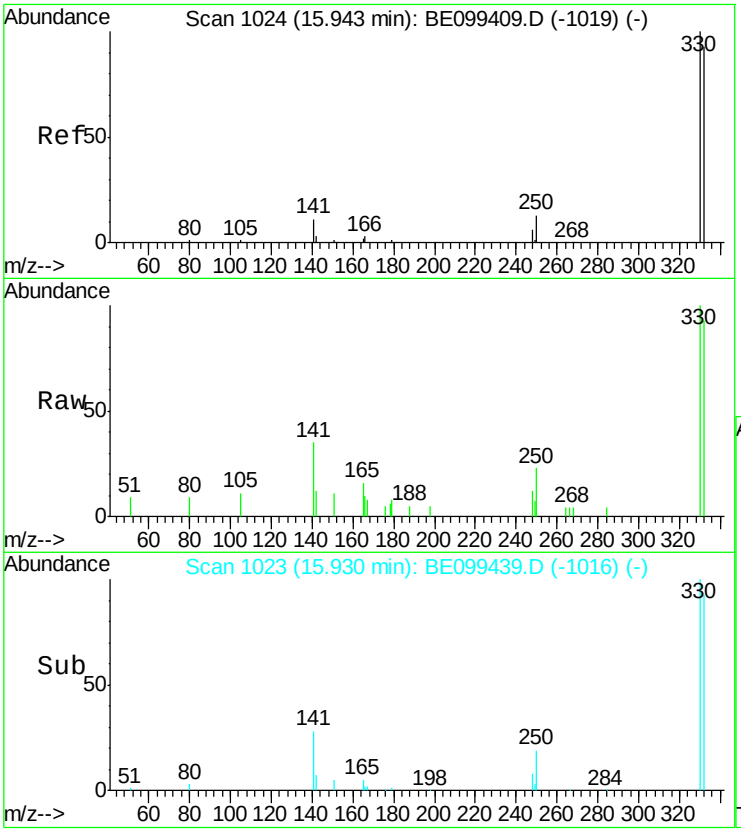


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:164 Resp: 7532

Ion	Ratio	Lower	Upper
164	100		
162	95.3	79.0	118.4
160	43.7	37.0	55.4



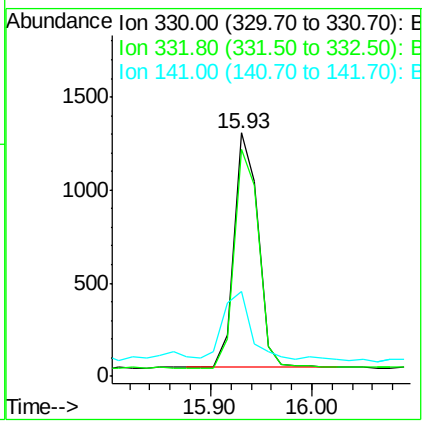


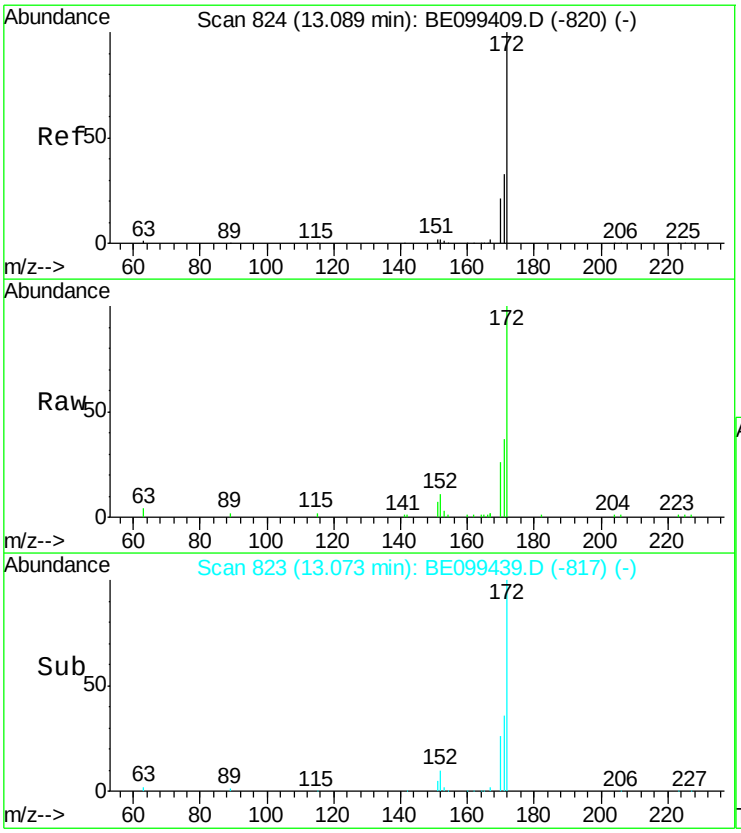
#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:330 Resp: 2071

Ion	Ratio	Lower	Upper
330	100		
332	96.8	71.5	107.3
141	36.7	24.0	36.0#

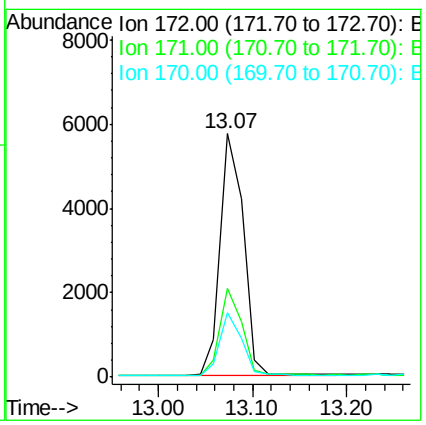


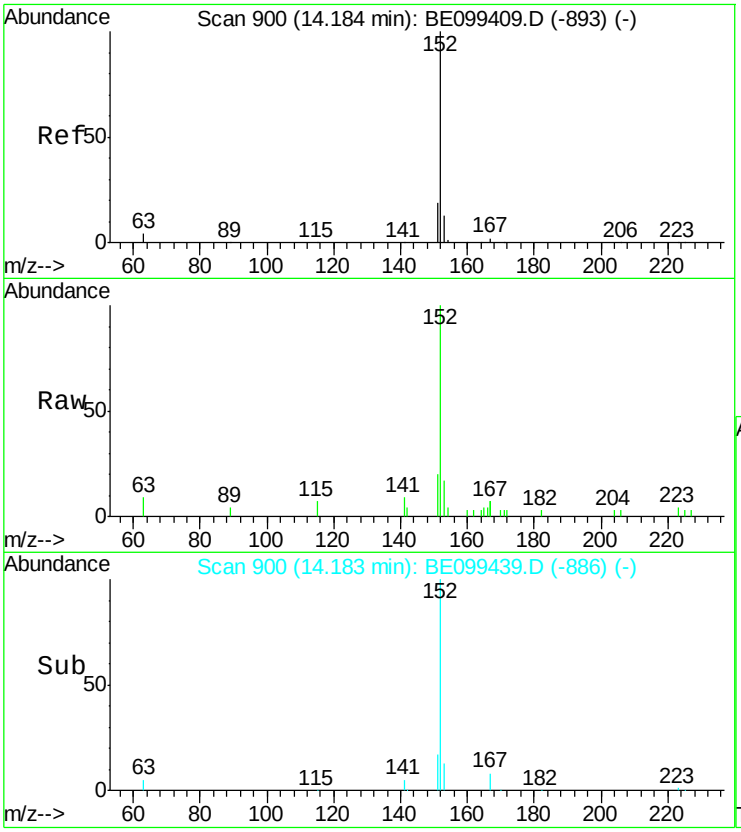


#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:172 Resp: 9671

Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.6	39.8
170	26.3	17.0	25.6#



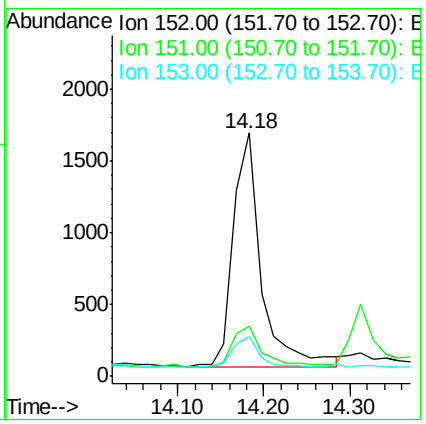


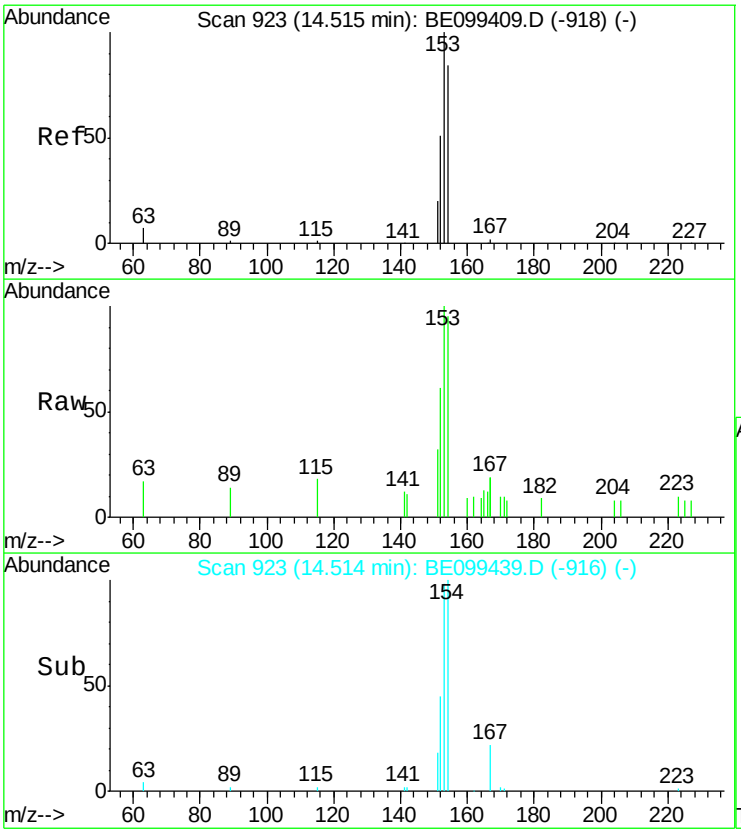
#16
Acenaphthylene
Concen: 0.098 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:152 Resp: 3624

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.1	9.8	14.6

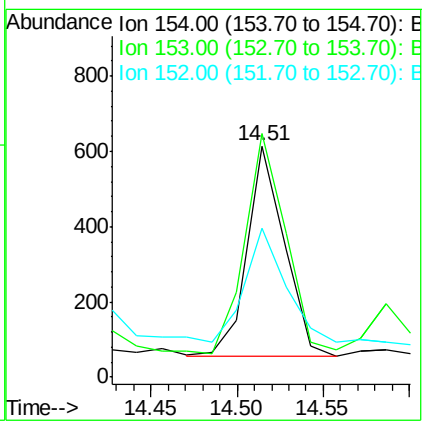


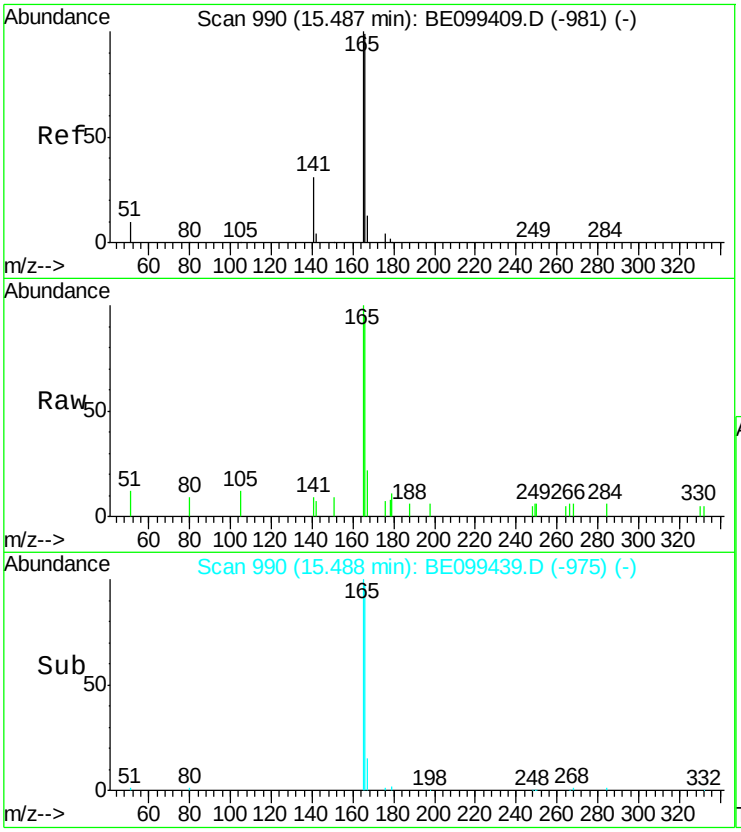


#17
Acenaphthene
Concen: 0.040 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:154 Resp: 845

Ion	Ratio	Lower	Upper
154	100		
153	110.2	92.6	138.8
152	58.7	45.8	68.8



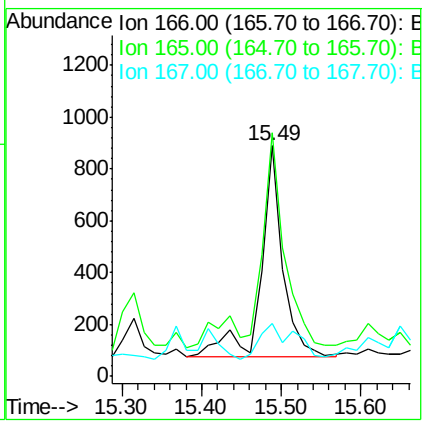


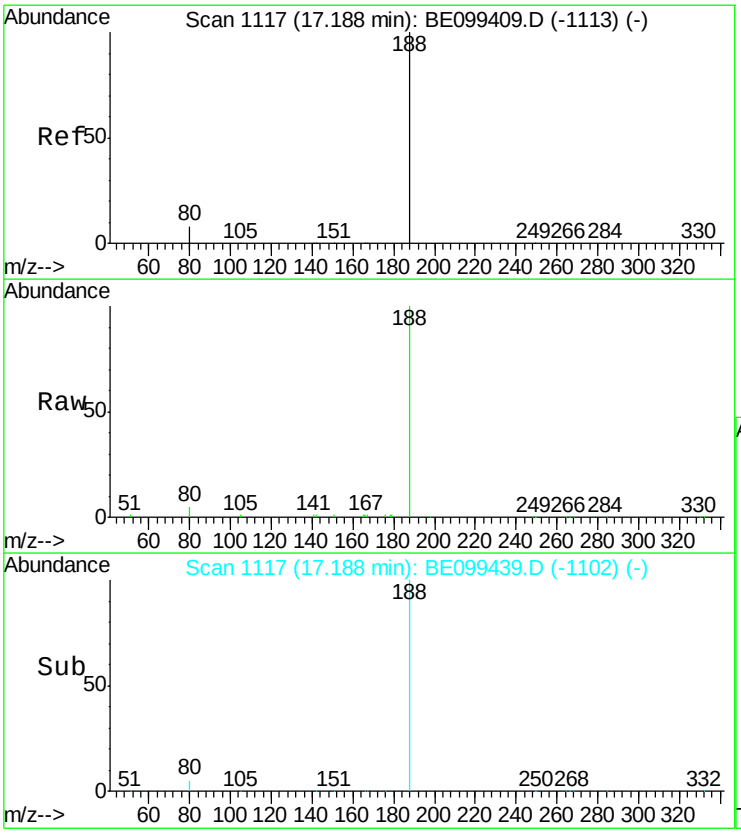
#18
Fluorene
Concen: 0.050 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:166 Resp: 1567

Ion	Ratio	Lower	Upper
166	100		
165	97.1	80.3	120.5
167	27.8	10.7	16.1#

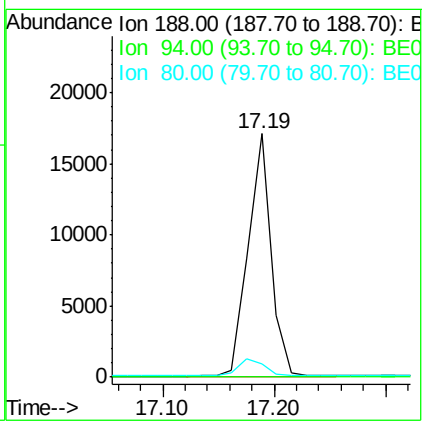


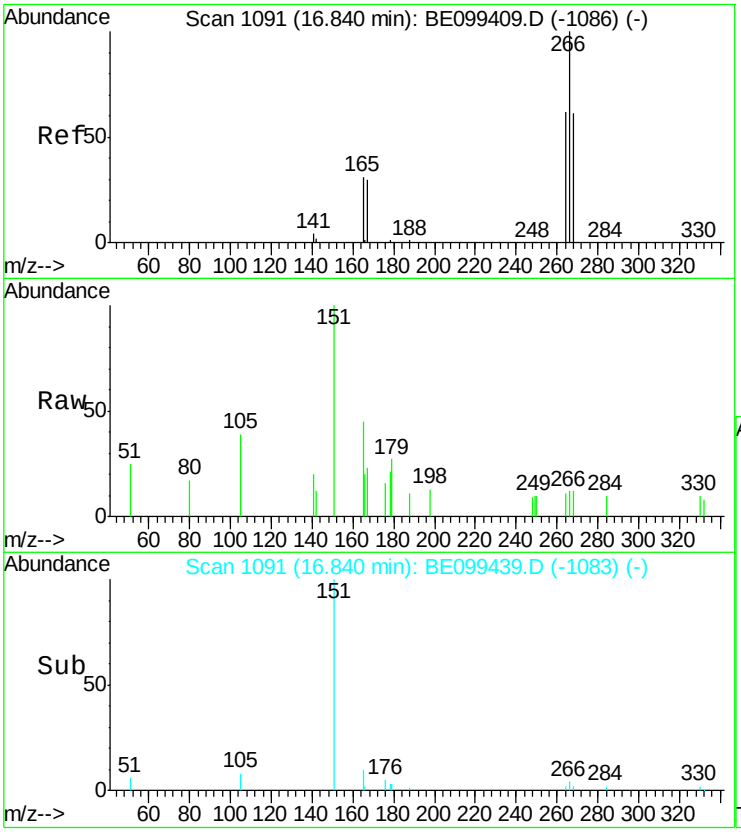


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:188 Resp: 24519

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.5	6.7	10.1#



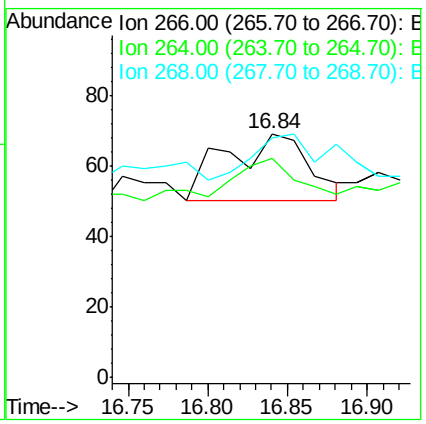


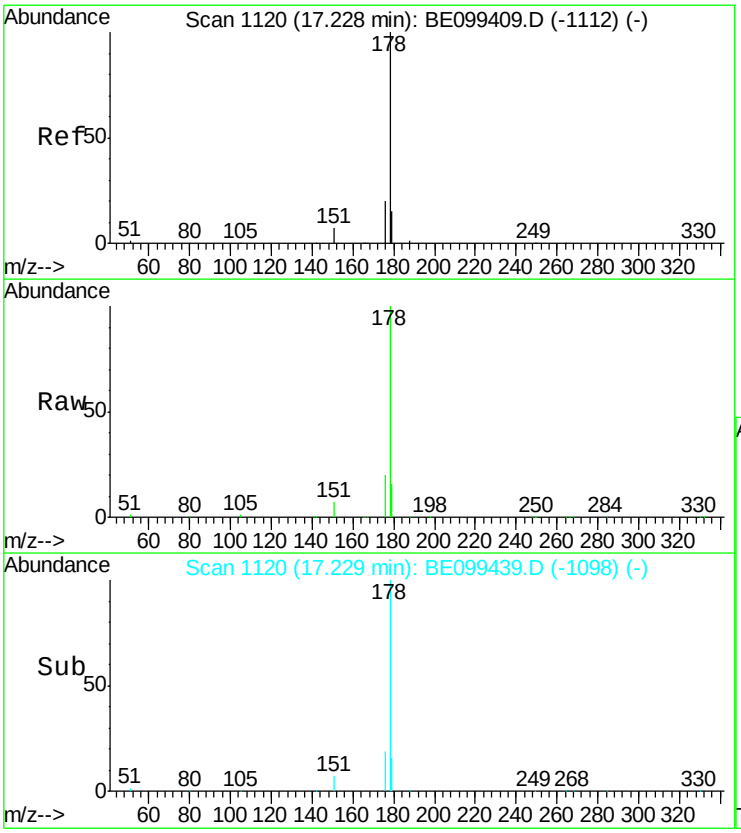
#22
Pentachlorophenol
Concen: 0.224 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
264	89.9	50.8	76.2#
268	98.6	50.5	75.7#

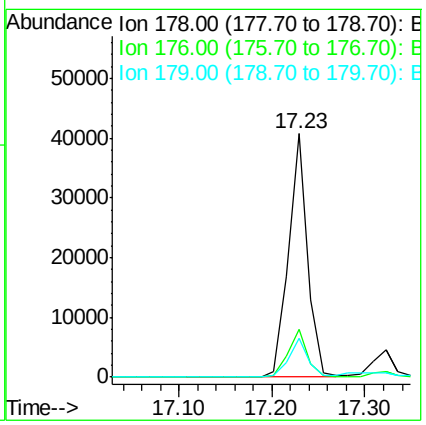


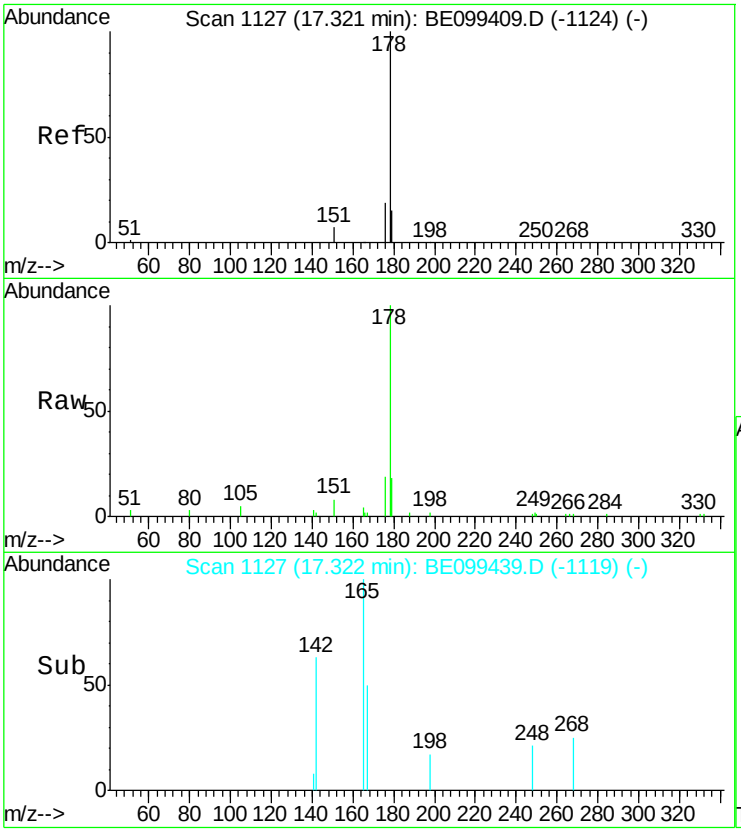


#23
Phenanthrene
Concen: 0.913 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:178 Resp: 57785

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.0	18.0



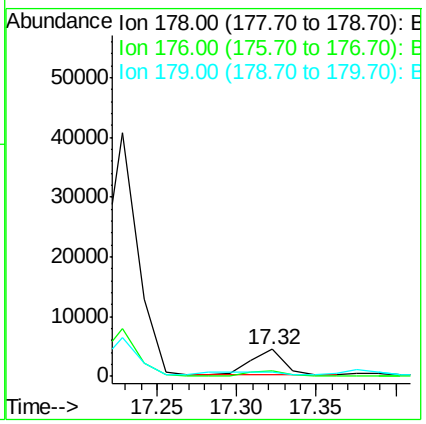


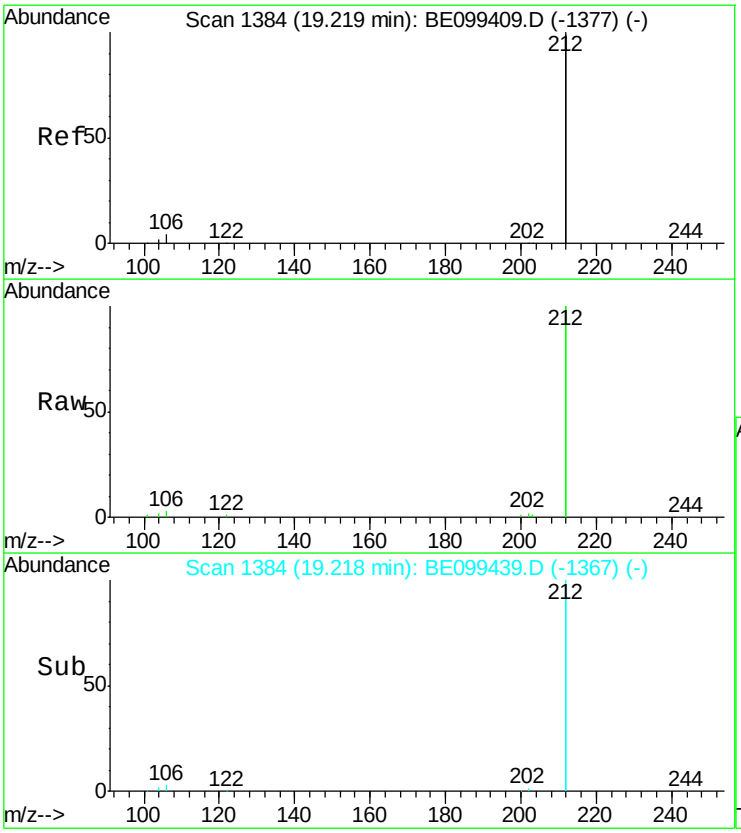
#24
Anthracene
Concen: 0.103 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:178 Resp: 6205

Ion	Ratio	Lower	Upper
178	100		
176	20.7	14.9	22.3
179	27.1	11.9	17.9#

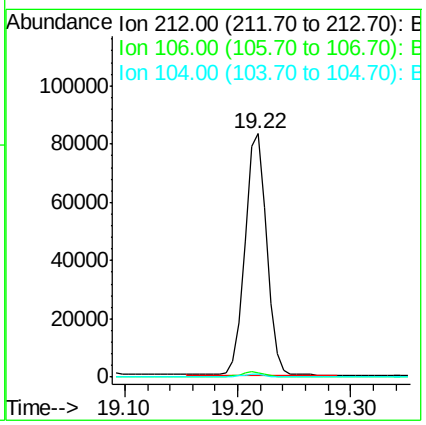


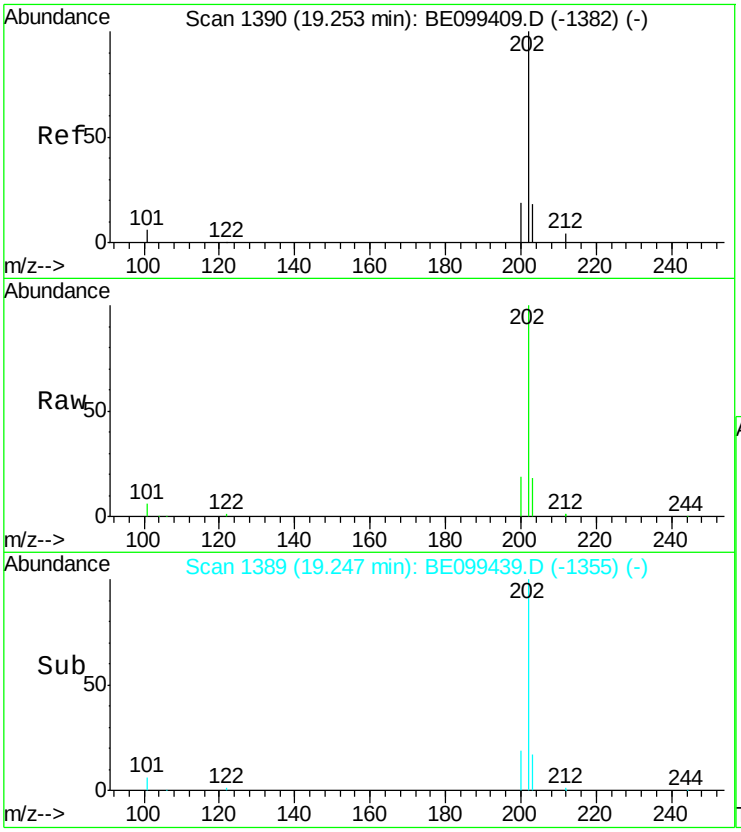


#25
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:212 Resp: 111823

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



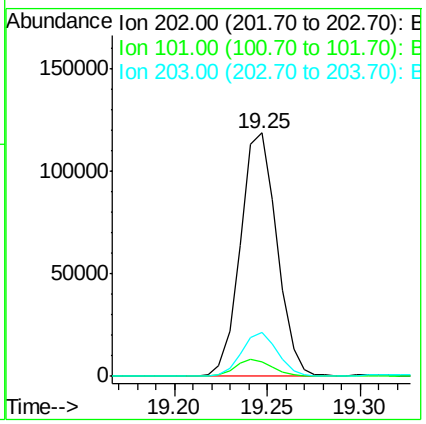


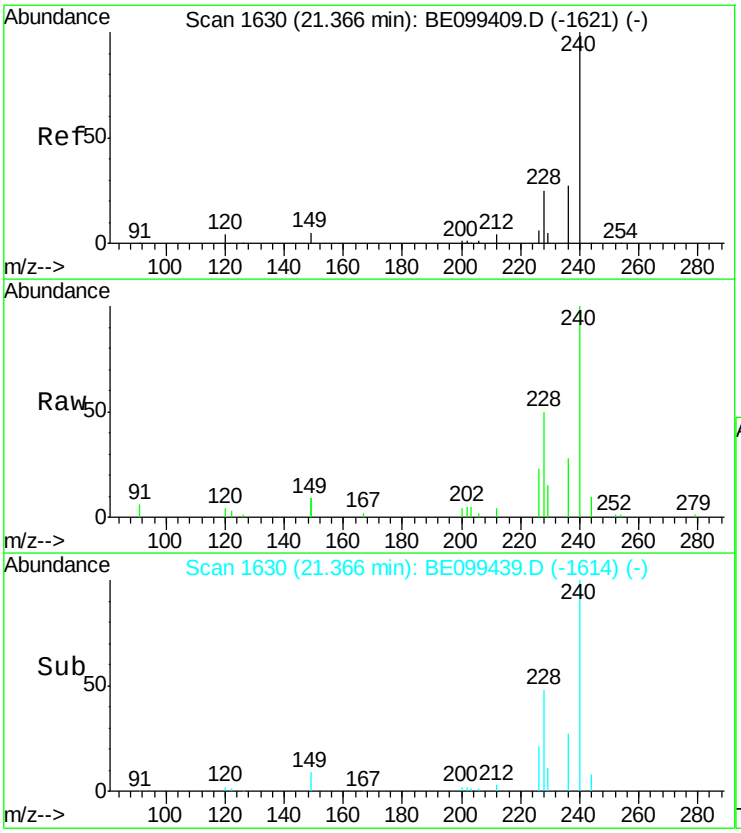
#26
Fluoranthene
Concen: 1.704 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:202 Resp: 161493

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

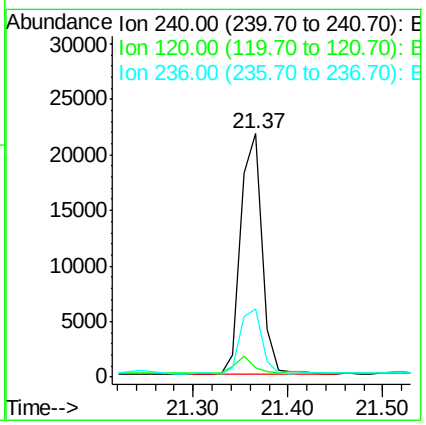


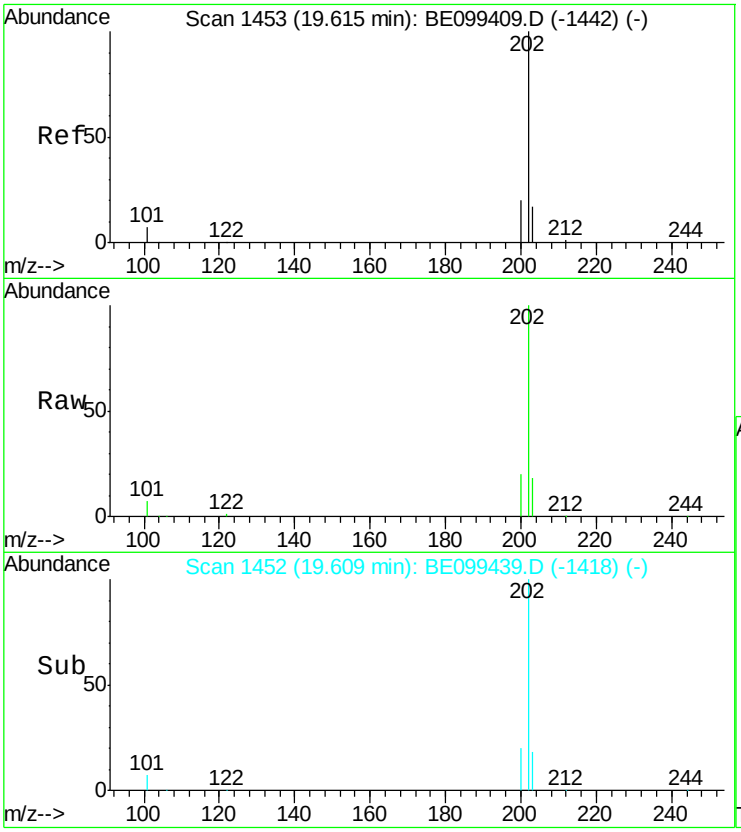


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:240 Resp: 33806

Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.0	6.0#
236	28.1	22.0	33.0



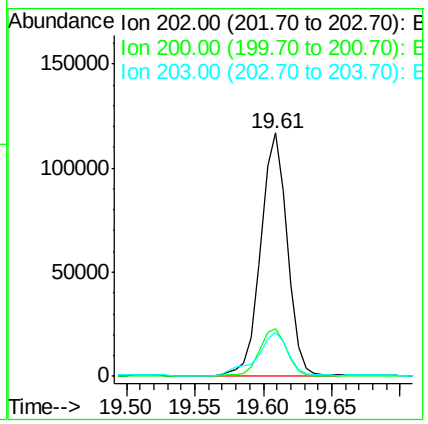


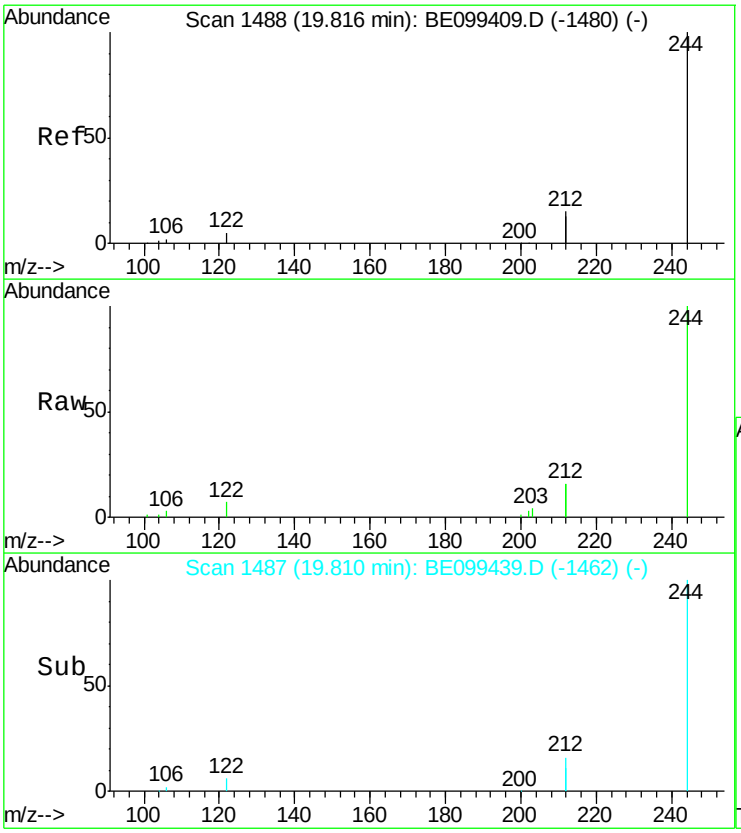
#28
Pyrene
Concen: 1.778 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:202 Resp: 156644

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	21.1	13.9	20.9#

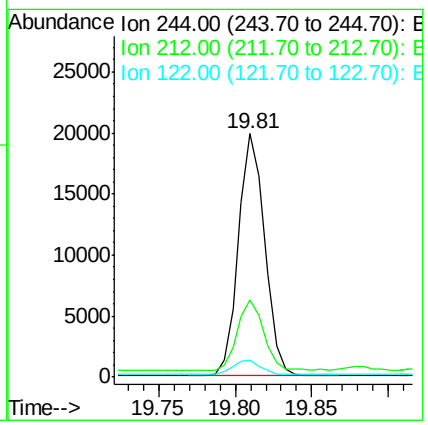


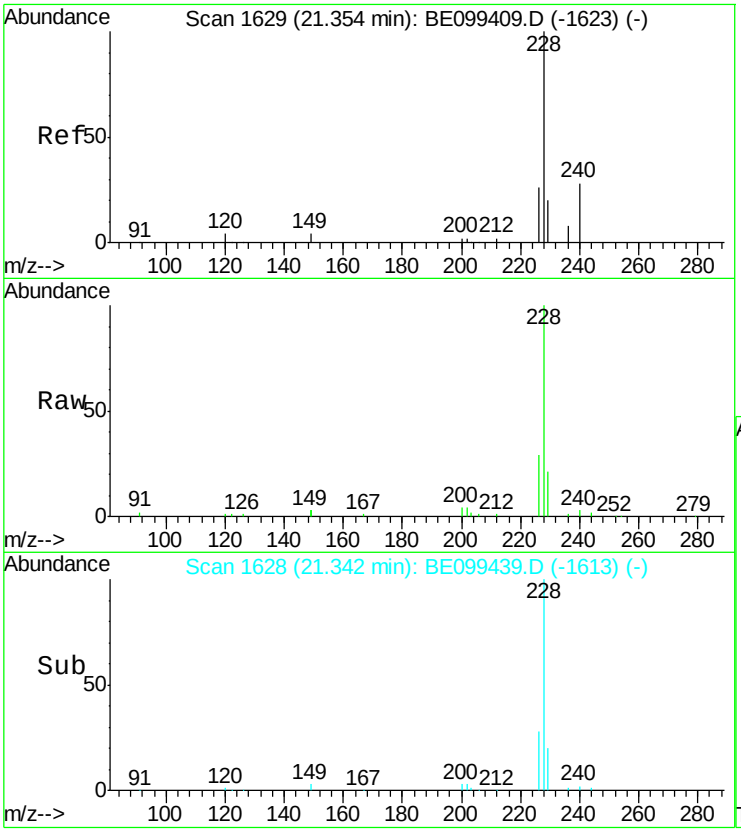


#29
Terphenyl-d14
Concen: 0.384 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:244 Resp: 23794

Ion	Ratio	Lower	Upper
244	100		
212	31.7	23.2	34.8
122	6.9	4.2	6.4#



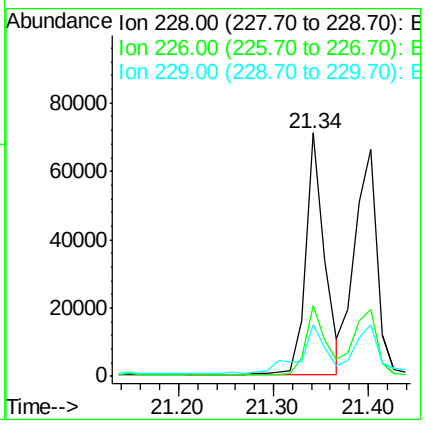


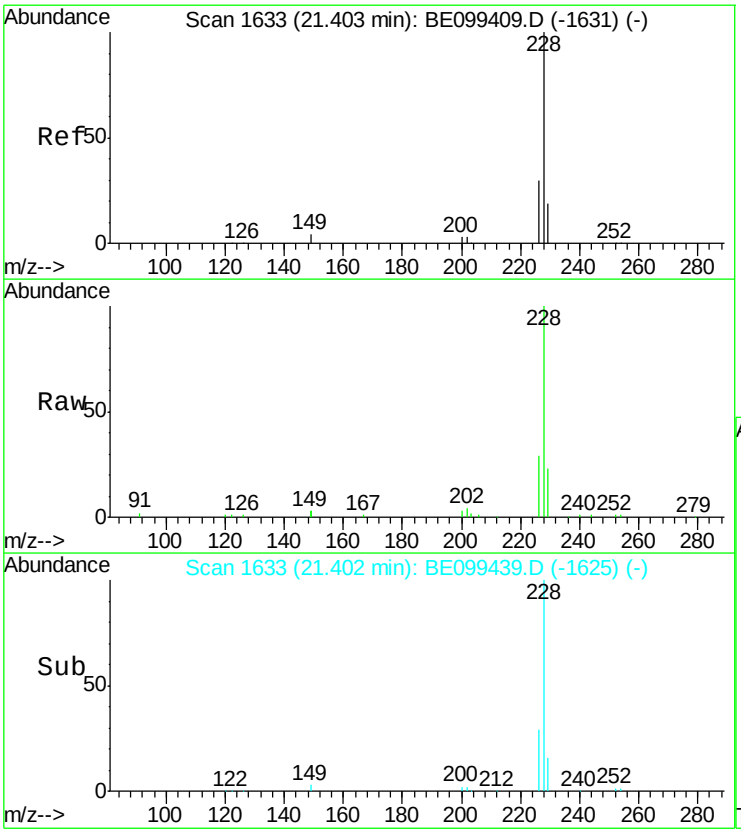
#30
Benzo(a)anthracene
Concen: 0.902 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:228 Resp: 97177

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.0	31.6
229	21.3	16.6	25.0

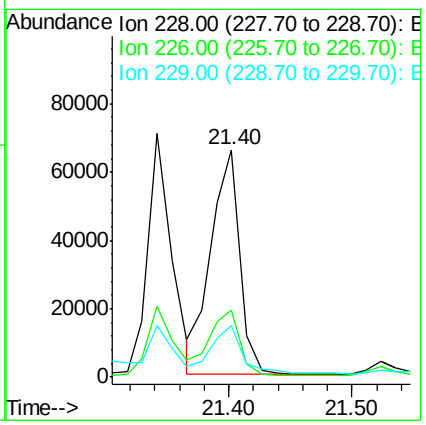


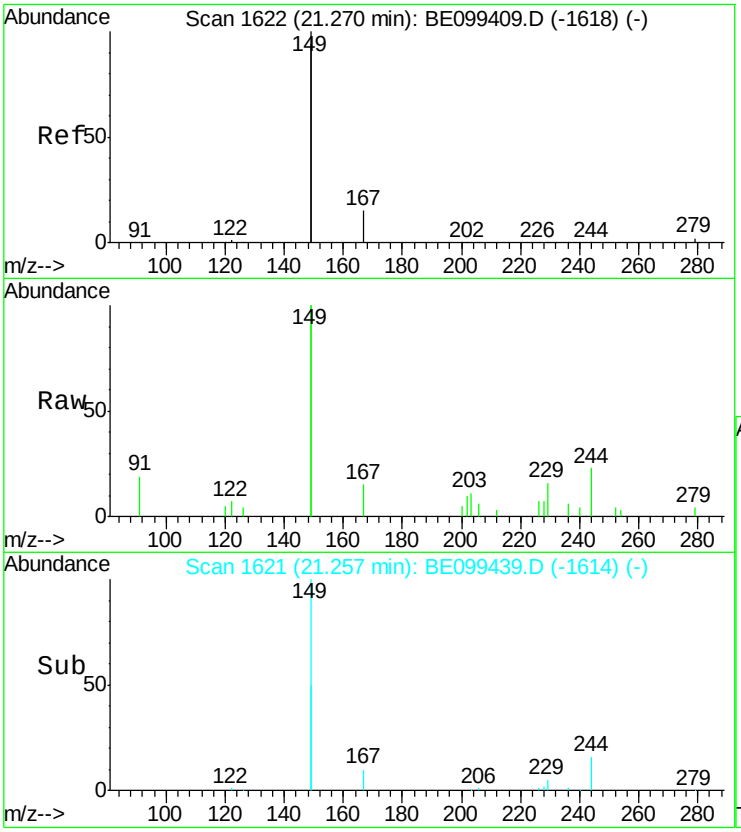


#31
Chrysene
Concen: 1.020 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:228 Resp: 107492

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	22.9	15.8	23.8



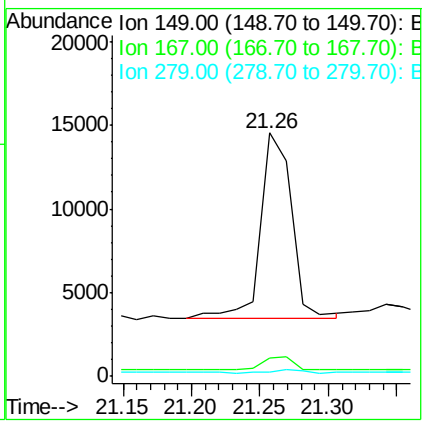


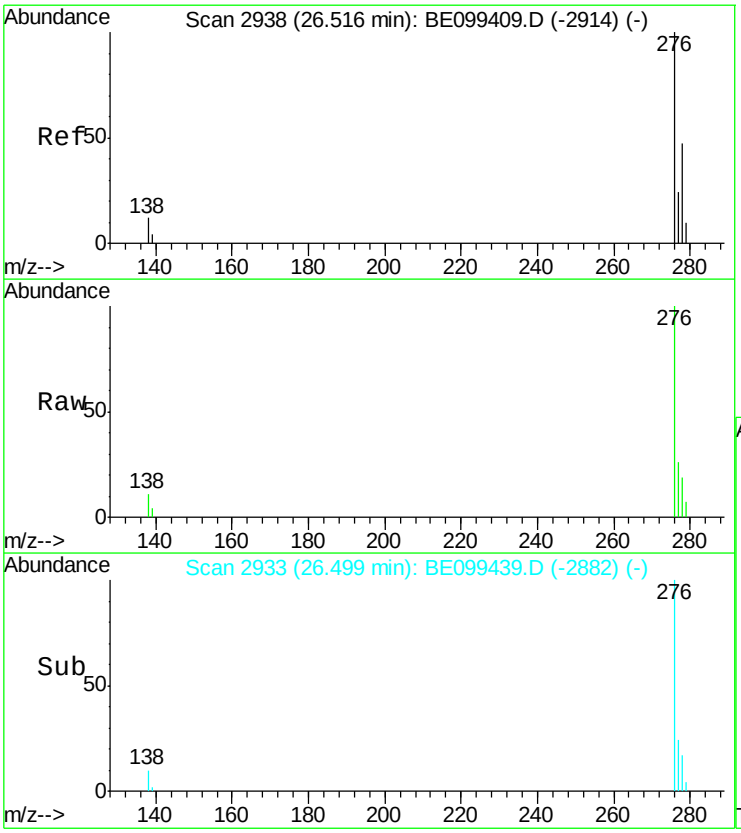
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.041 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:149 Resp: 17159

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.8	8.6
279	1.5	1.0	1.6

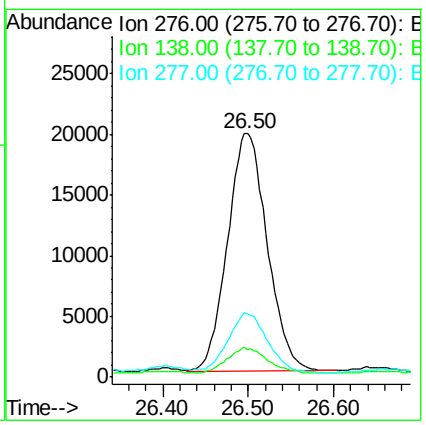


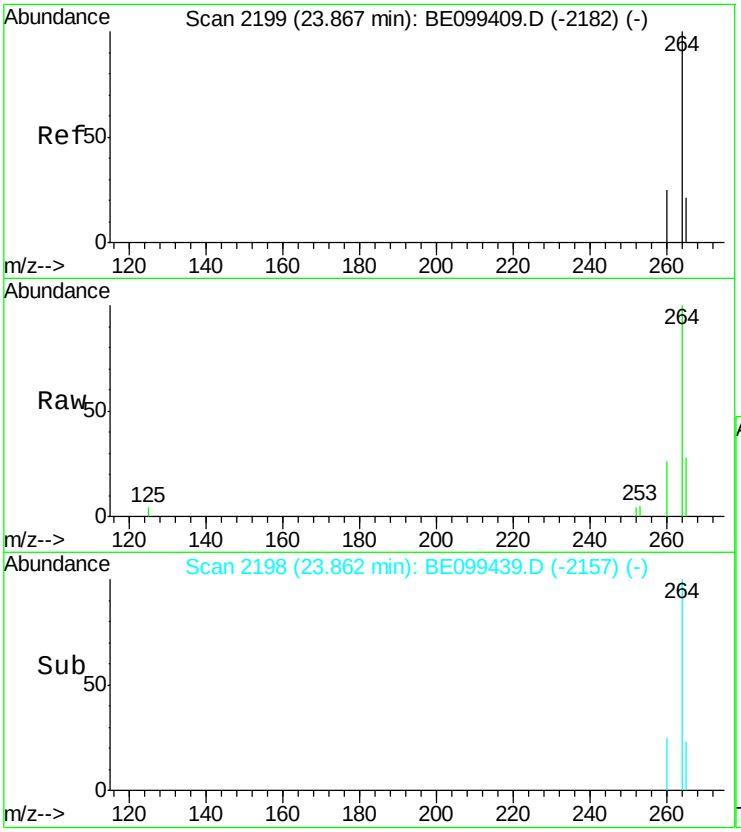


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.509 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.02 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:276 Resp: 63420

Ion	Ratio	Lower	Upper
276	100		
138	10.8	10.2	15.2
277	24.9	19.2	28.8



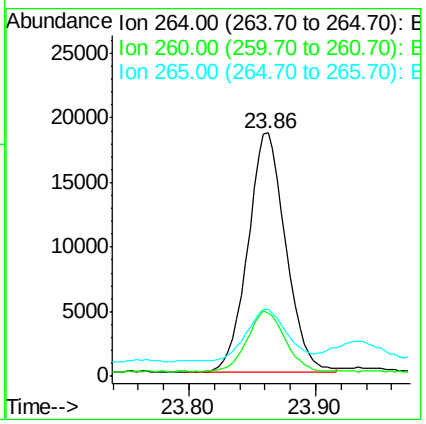


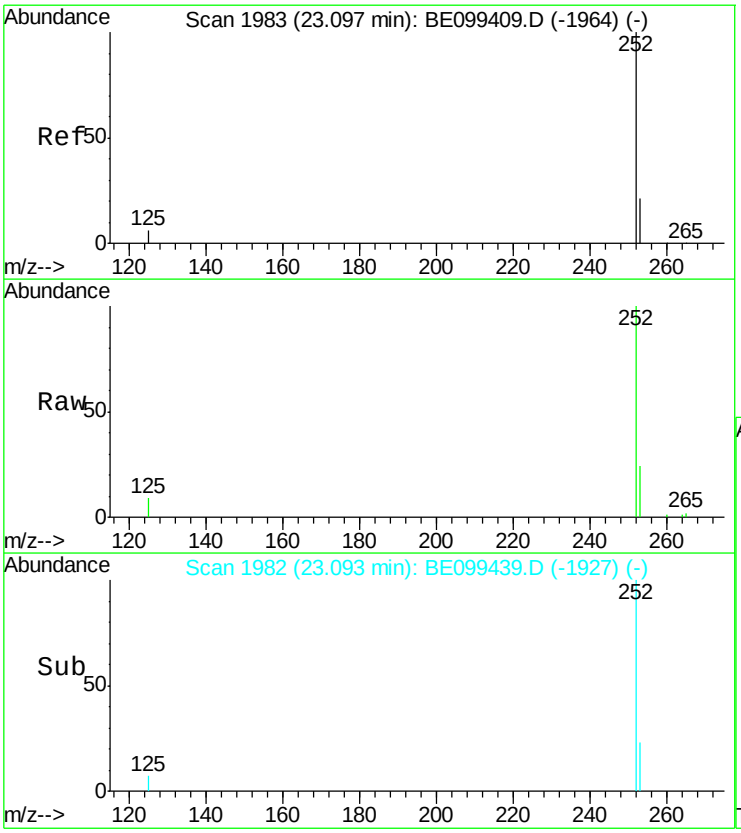
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:264 Resp: 38600

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	27.6	21.3	31.9

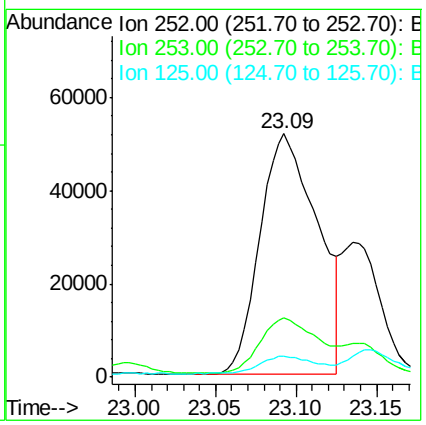


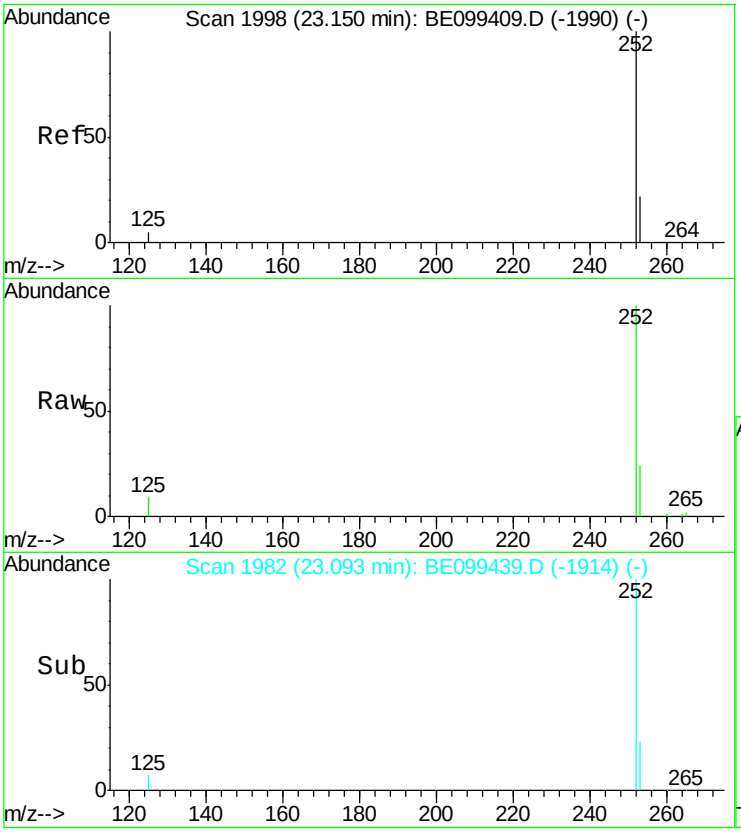


#35
Benzo(b)fluoranthene
Concen: 1.159 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:252 Resp: 128948

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



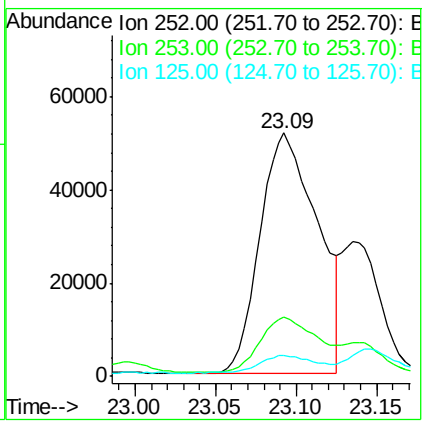


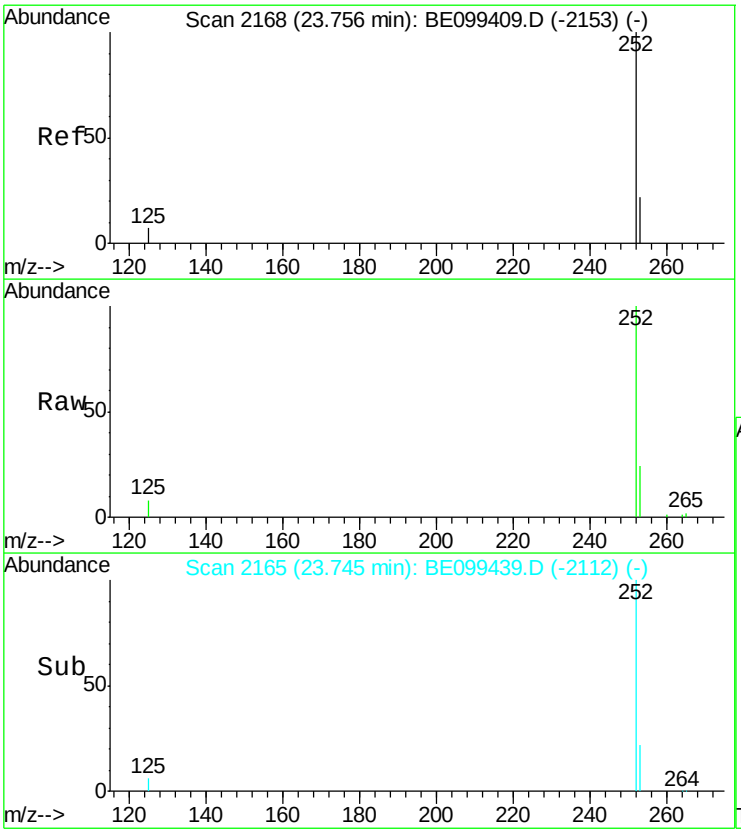
#36
Benzo(k)fluoranthene
Concen: 1.201 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:252 Resp: 128948

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	8.8	5.0	7.4#

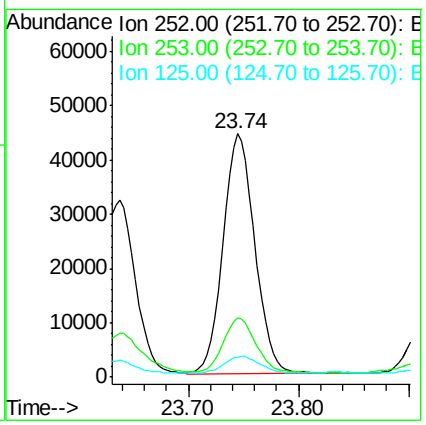


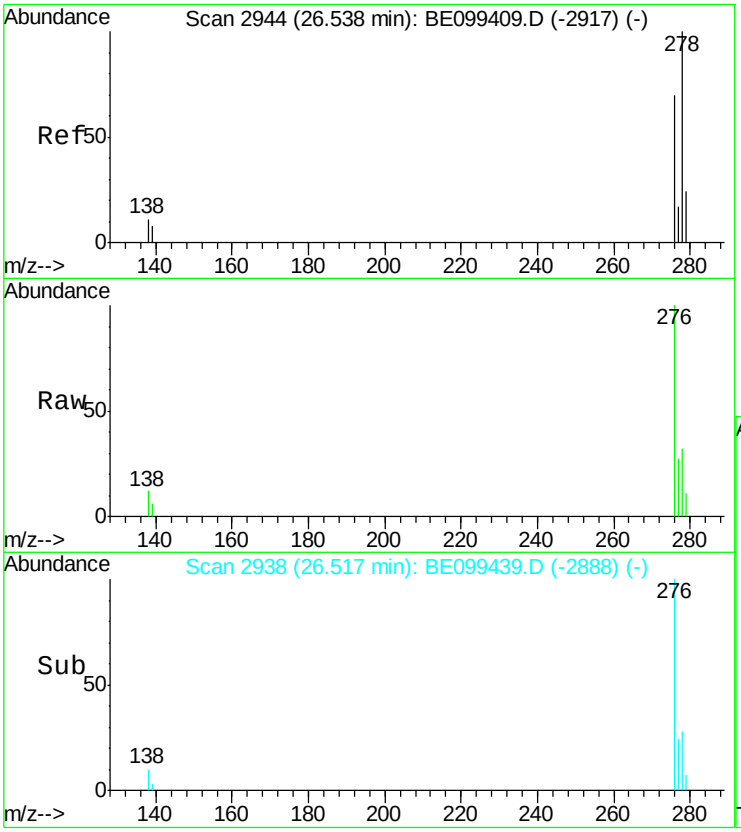


#37
Benzo(a)pyrene
Concen: 0.844 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:252 Resp: 88804

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	8.2	6.7	10.1



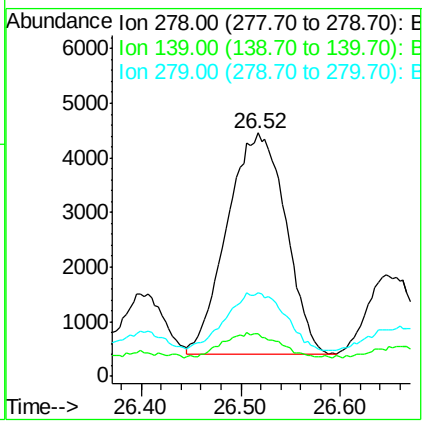


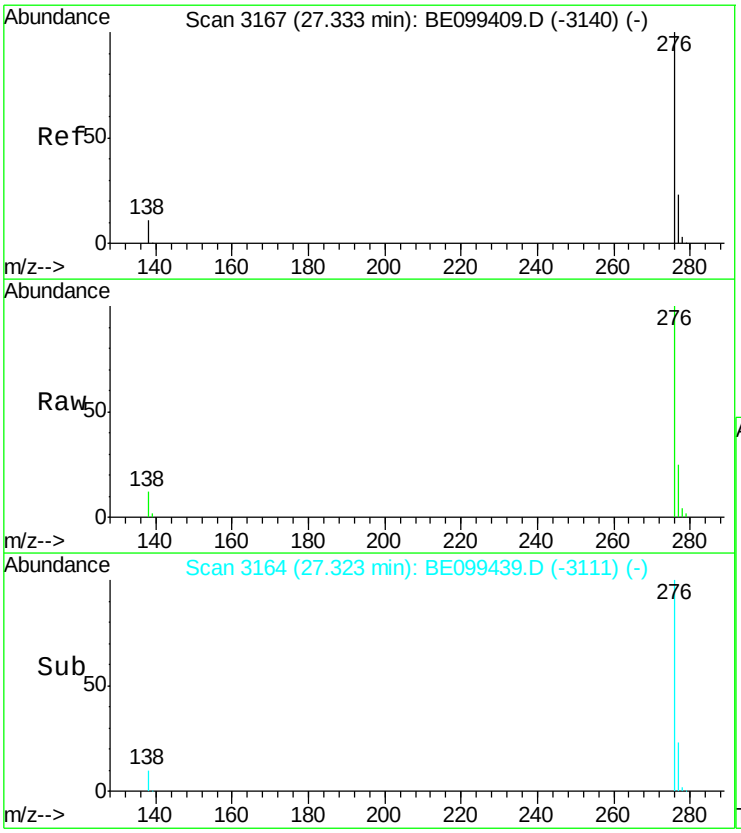
#38
Dibenzo(a,h)anthracene
Concen: 0.153 ng
RT: 26.52 min Scan# 2938
Delta R.T. -0.02 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Instrument :
BNA_E
ClientSampleId :
PST-003-B175-042319

Tgt Ion:278 Resp: 16491

Ion	Ratio	Lower	Upper
278	100		
139	17.3	7.7	11.5#
279	34.1	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.581 ng
RT: 27.32 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE099439.D
Acq: 30 Apr 2019 23:25

Tgt Ion:276 Resp: 62625

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	11.8	9.6	14.4