Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099132.D
Acq On : 24 Mar 2019 4:20
Operator : JU/SJ
Sample : K1948-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-025-SW079-031319

Quant Time: Mar 24 23:01:32 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	3480	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	14044	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9600	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	28149	0.40	ng		0.00
27) Chrysene-d12	21.39	240	36953	0.40	ng		0.00
34) Perylene-d12	23.90	264	40514	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	3959	0.38	ng		0.00
5) Phenol-d6	7.00	99	5769	0.39	ng		0.00
8) Nitrobenzene-d5	8.99	82	4497	0.73	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	8723	0.34	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1830	0.65	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	12177	0.32	ng		-0.01
25) Fluoranthene-d10	19.24	212	121693	0.32	ng		0.00
29) Terphenyl-d14	19.83	244	18871	0.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	192	0.036	ng	#	26
3) n-Nitrosodimethylamine	3.67	42	236	0.085	ng	#	1
22) Pentachlorophenol	16.87	266	43	0.258	ng		95
23) Phenanthrene	17.25	178	20193	0.242	ng		99
24) Anthracene	17.35	178	1630	0.021	ng		94
26) Fluoranthene	19.27	202	108294	0.921	ng		100
28) Pyrene	19.63	202	90872	0.725	ng	#	95
30) Benzo(a)anthracene	21.37	228	45130	0.347	ng		99
31) Chrysene	21.43	228	63510	0.488	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	49999	0.296	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	45841	0.328	ng		98
35) Benzo(b)fluoranthene	23.12	252	97130	0.693	ng		98
36) Benzo(k)fluoranthene	23.12	252	97130	0.707	ng		99
37) Benzo(a)pyrene	23.78	252	53913	0.416	ng		97
38) Dibenzo(a,h)anthracene	26.57	278	9922	0.079	ng	#	88
39) Benzo(g,h,i)perylene	27.37	276	47643	0.368	ng		99

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

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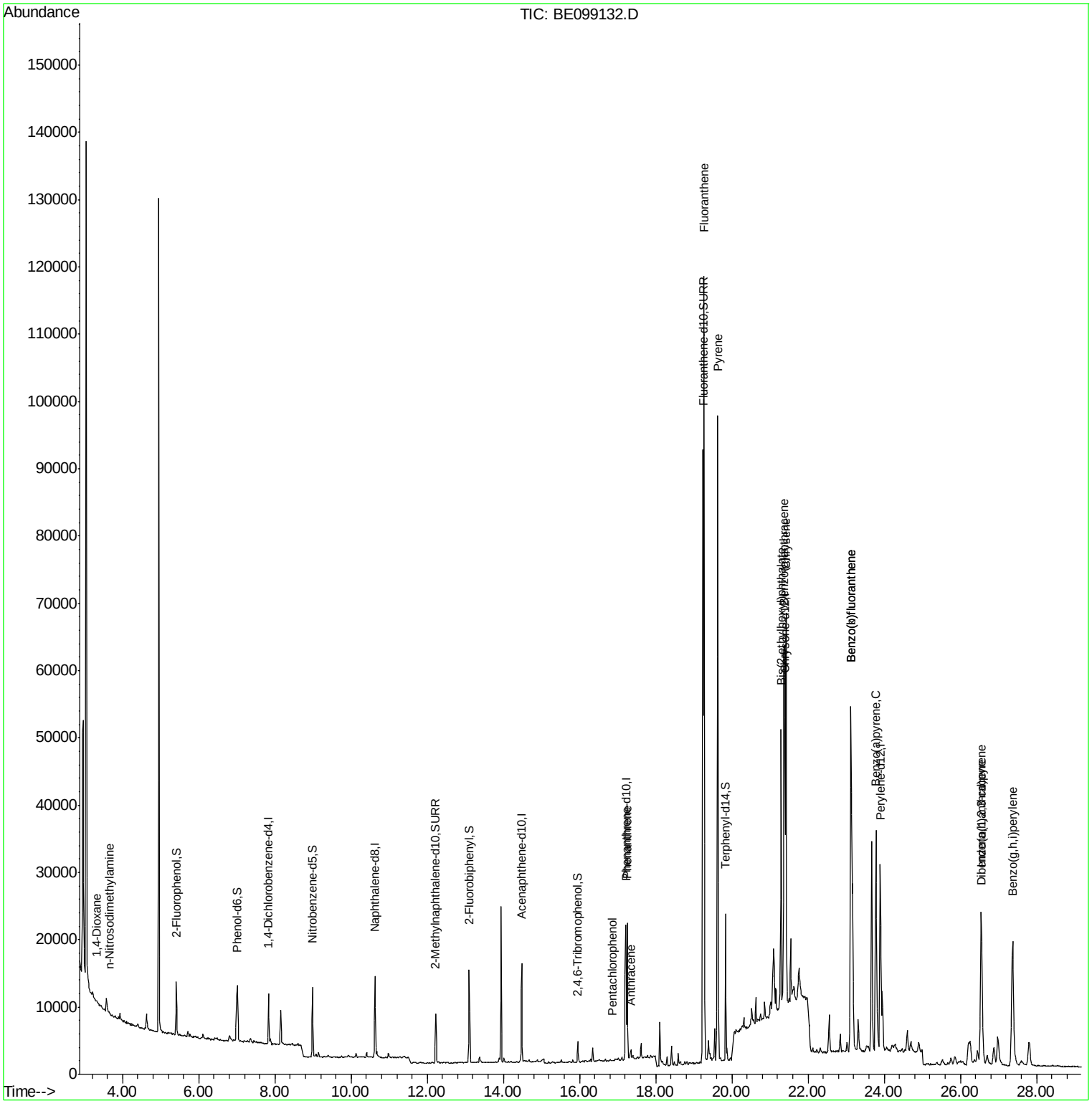
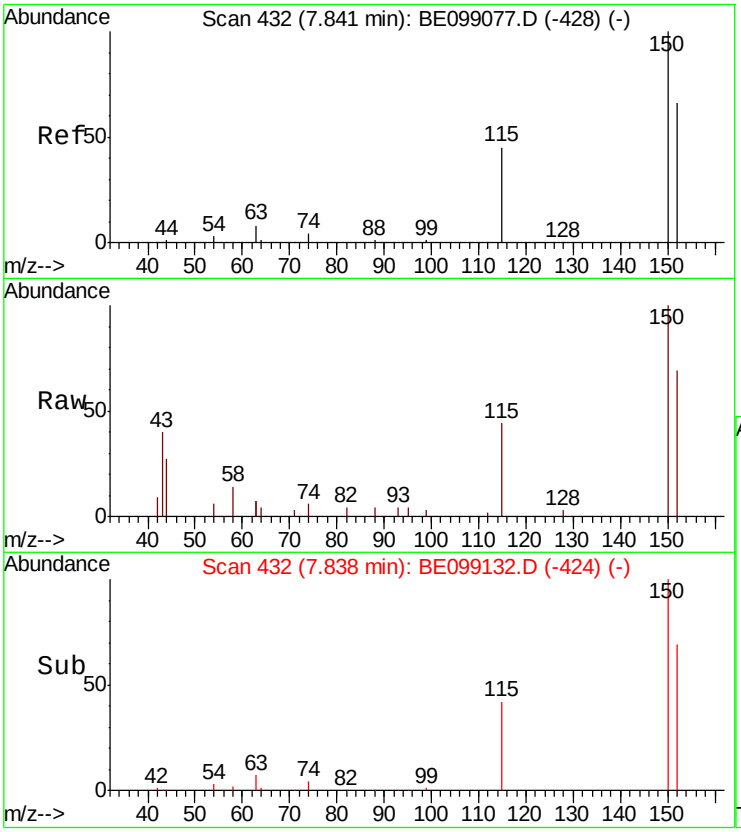


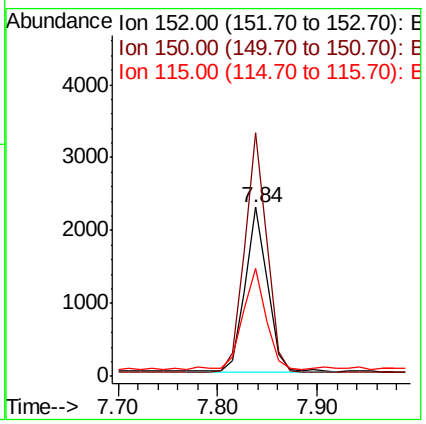


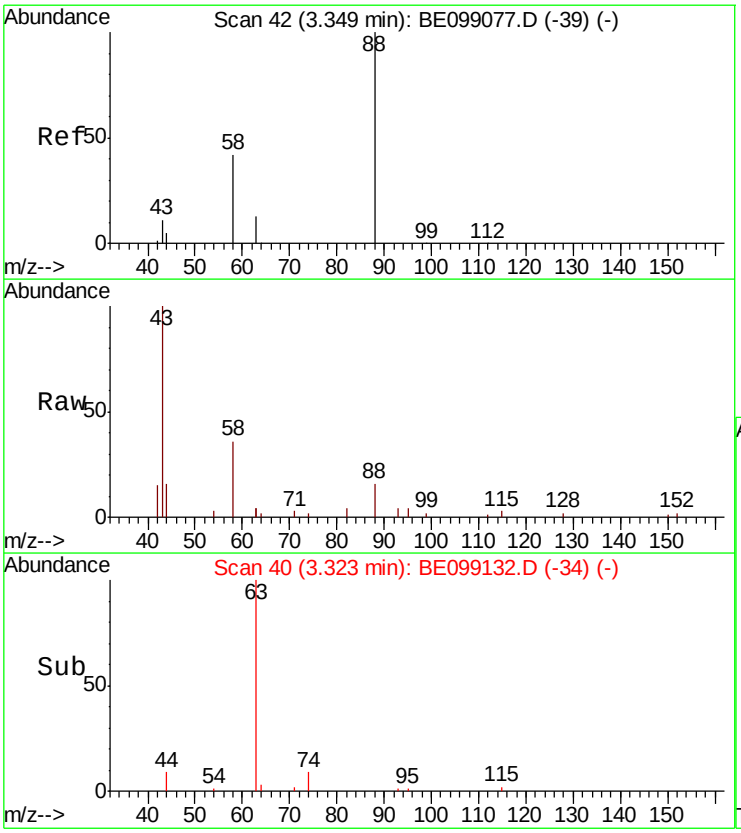
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:152 Resp: 3480

Ion	Ratio	Lower	Upper
152	100		
150	144.0	122.5	183.7
115	63.8	57.4	86.2

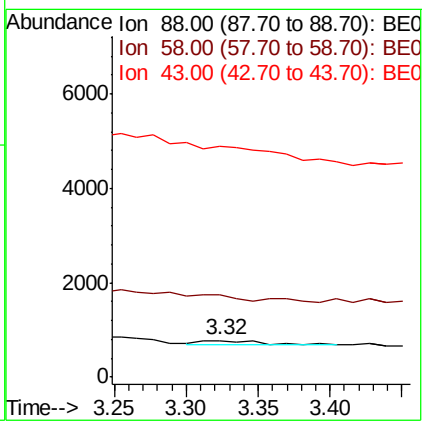


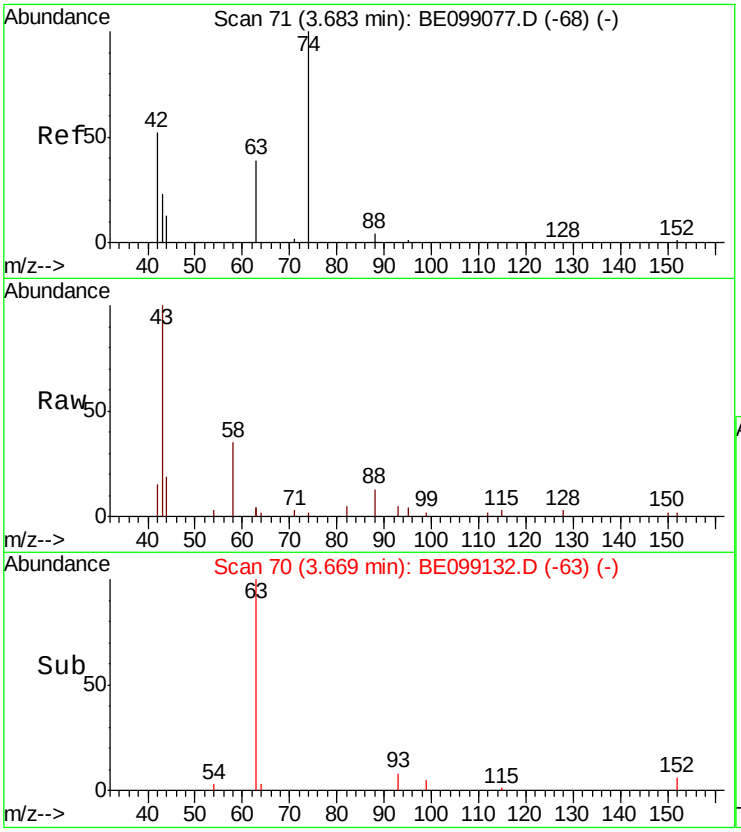


#2
1,4-Dioxane
Concen: 0.036 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.03 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion: 88 Resp: 192

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.0	78.0#
43	0.0	24.0	36.0#



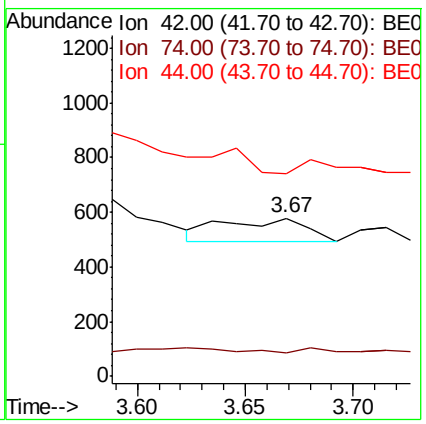


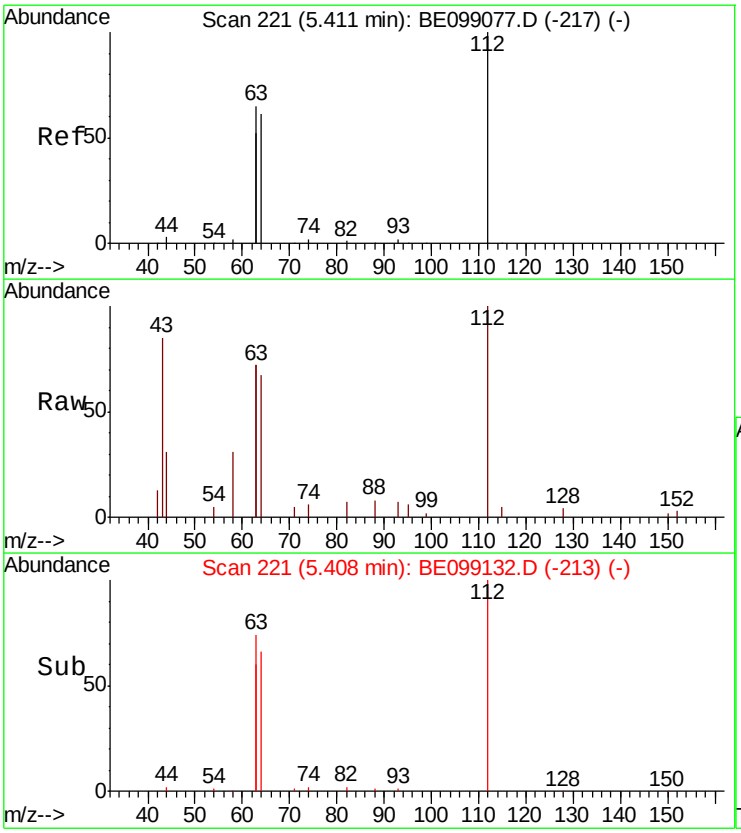
#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion: 42 Resp: 236

Ion	Ratio	Lower	Upper
42	100		
74	8.5	160.0	240.0#
44	35.2	0.0	0.0#

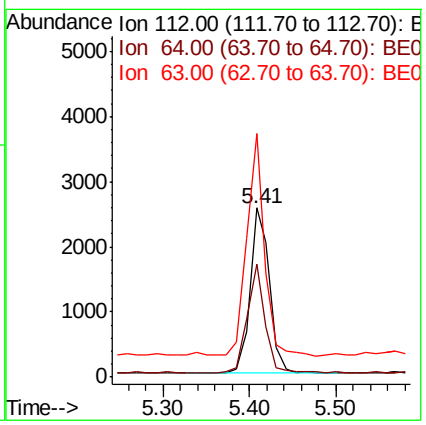


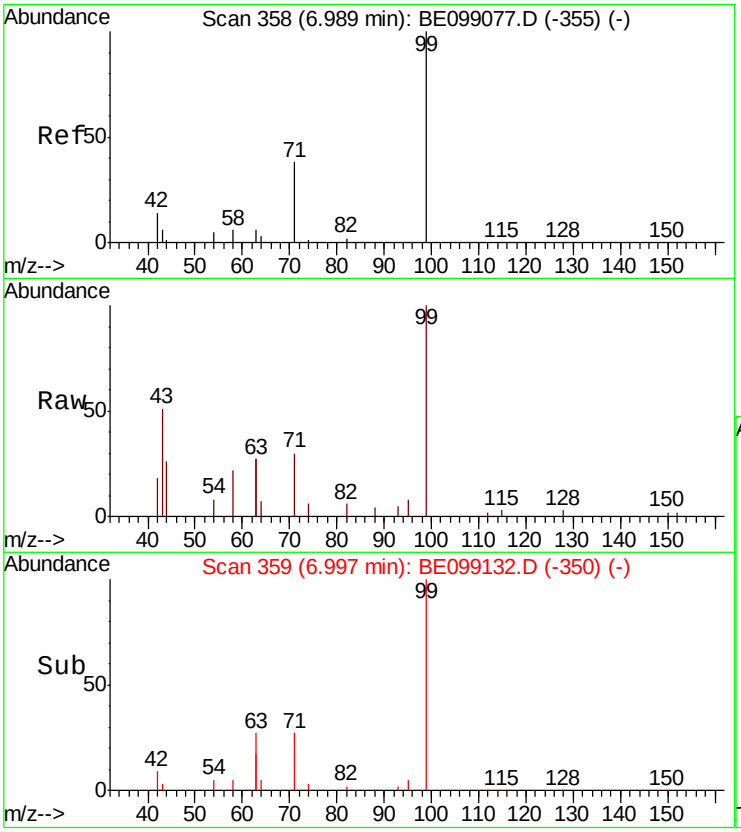


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:112 Resp: 3959

Ion	Ratio	Lower	Upper
112	100		
64	59.7	57.9	86.9
63	123.6	158.3	237.5#



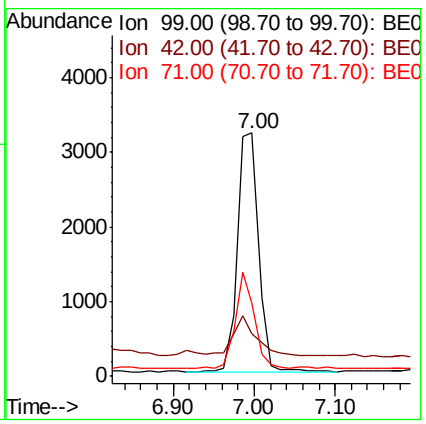


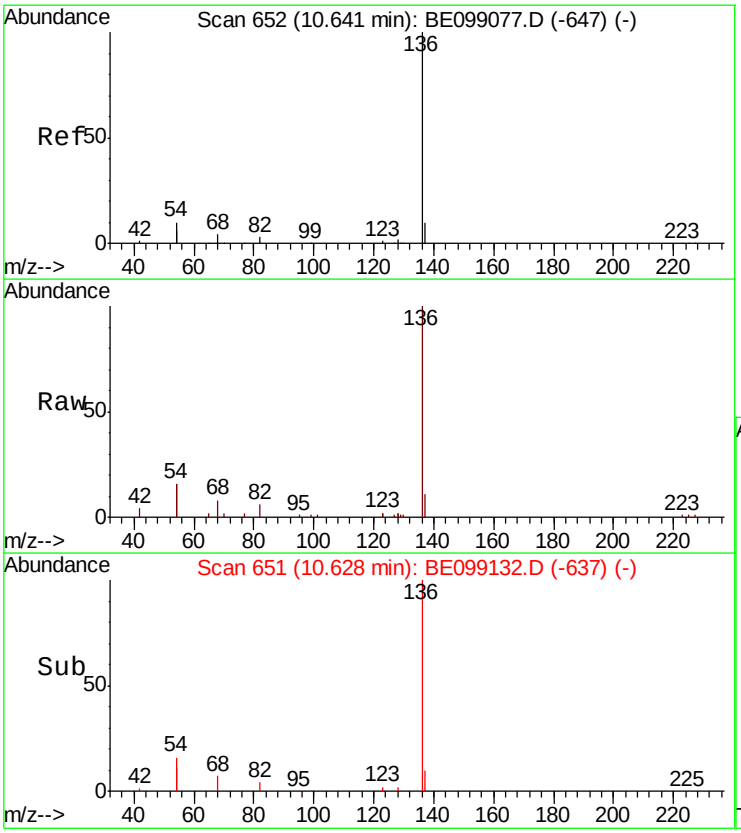
#5
Phenol-d6
Concen: 0.387 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion: 99 Resp: 5769

Ion	Ratio	Lower	Upper
99	100		
42	18.8	24.2	36.2#
71	36.4	35.7	53.5

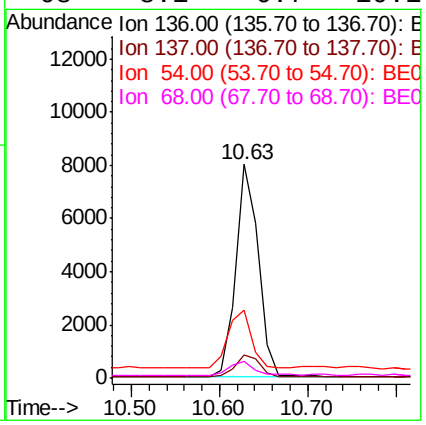


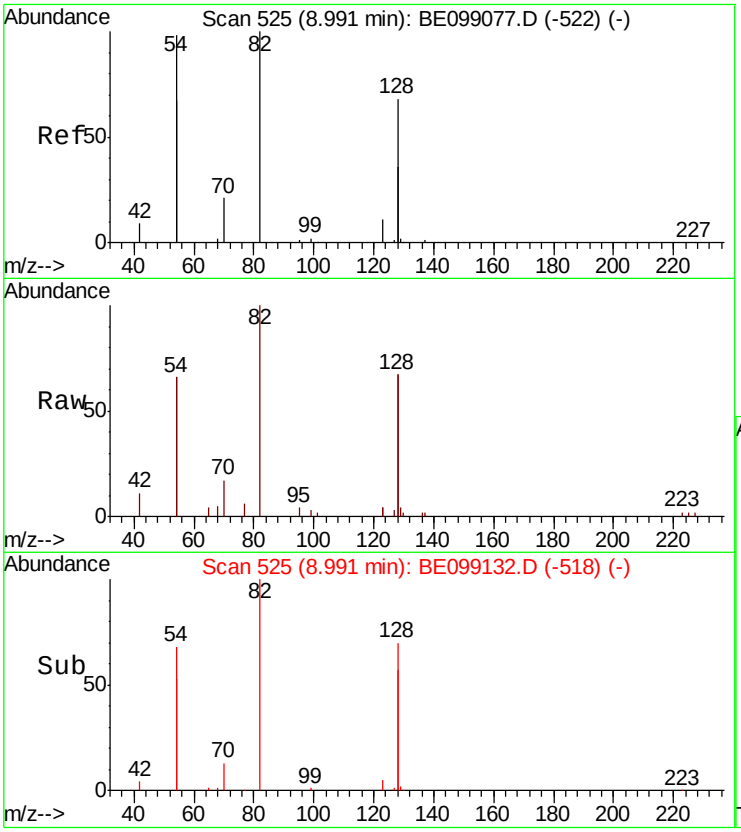


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:136 Resp: 14044

Ion	Ratio	Lower	Upper
136	100		
137	11.1	11.4	17.0#
54	31.7	39.3	58.9#
68	8.1	6.7	10.1



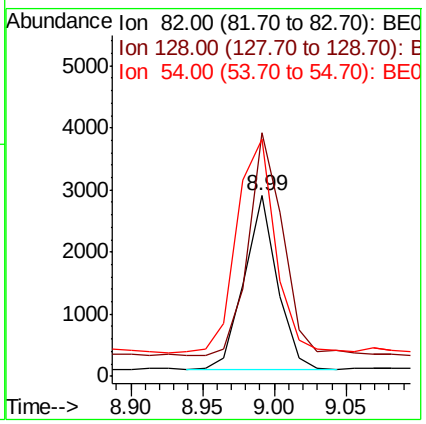


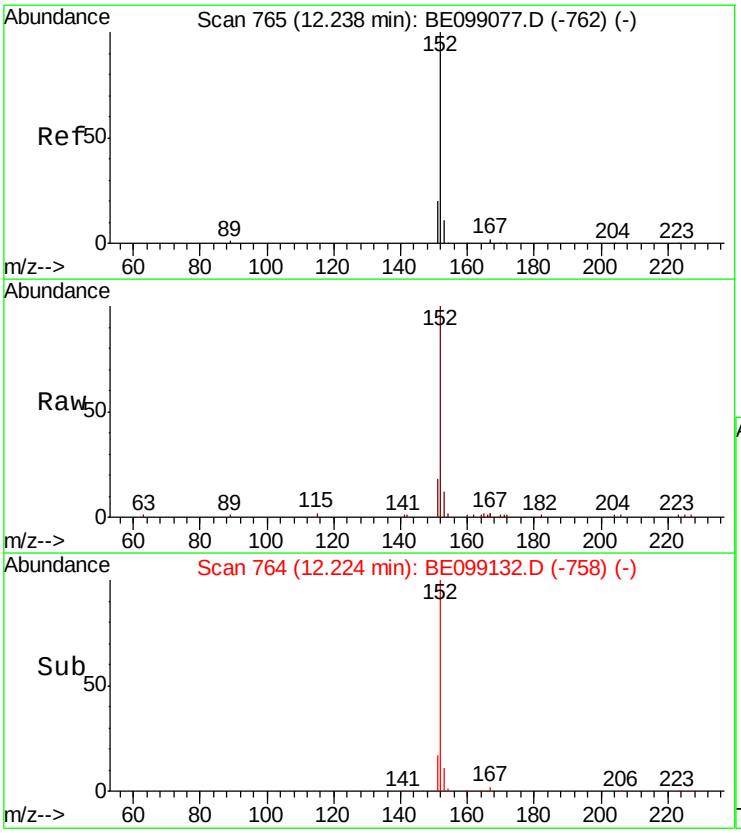
#8
Nitrobenzene-d5
Concen: 0.732 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion: 82 Resp: 4497

Ion	Ratio	Lower	Upper
82	100		
128	134.8	123.8	185.8
54	131.0	203.4	305.2#

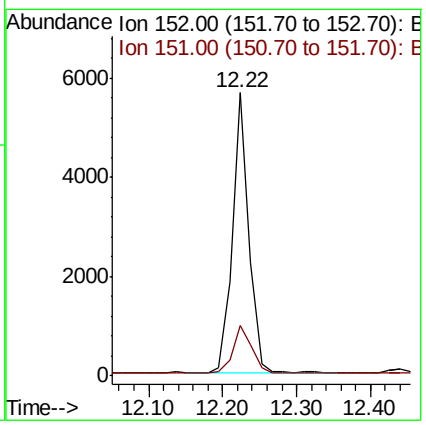


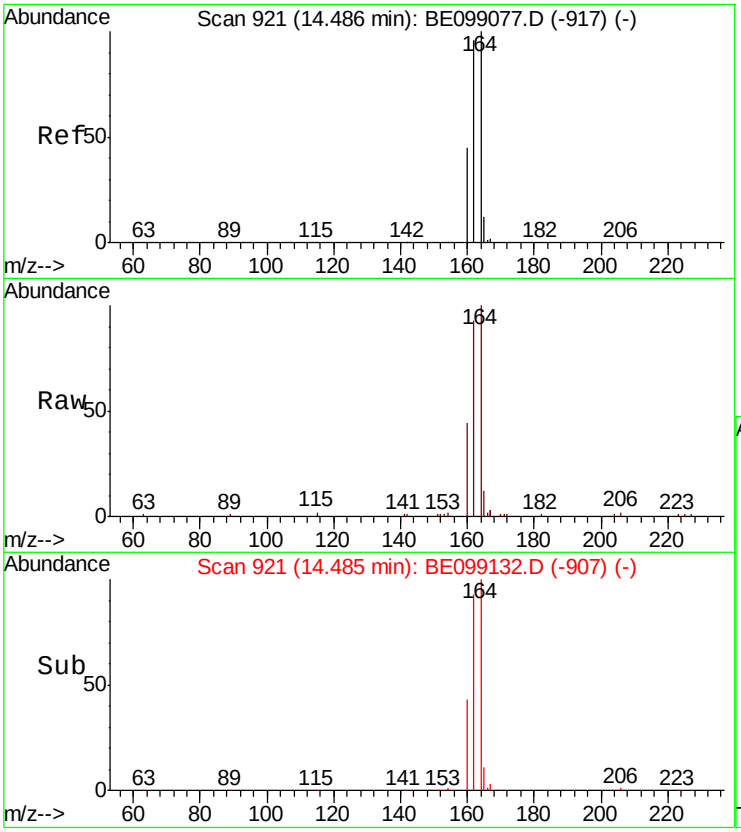


#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:152 Resp: 8723

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.5	24.7



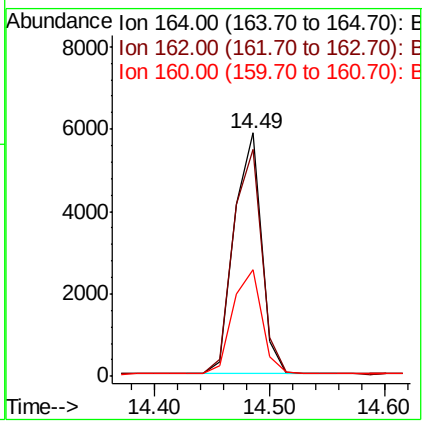


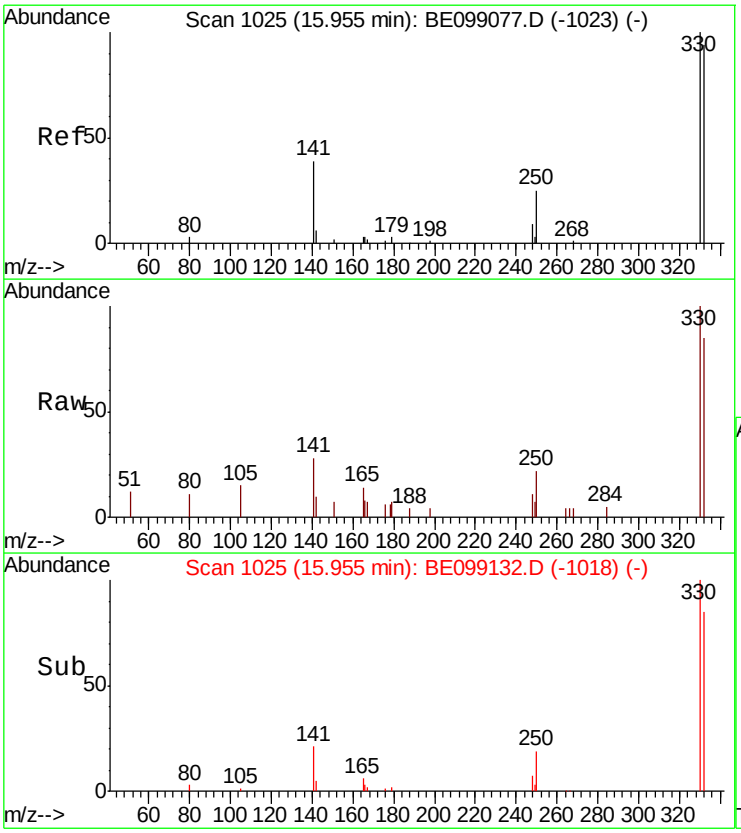
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:164 Resp: 9600

Ion	Ratio	Lower	Upper
164	100		
162	93.3	80.2	120.2
160	43.9	37.8	56.8

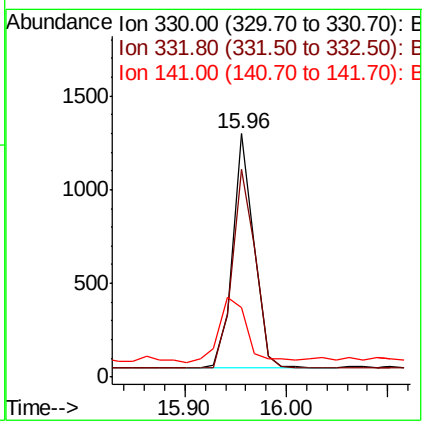


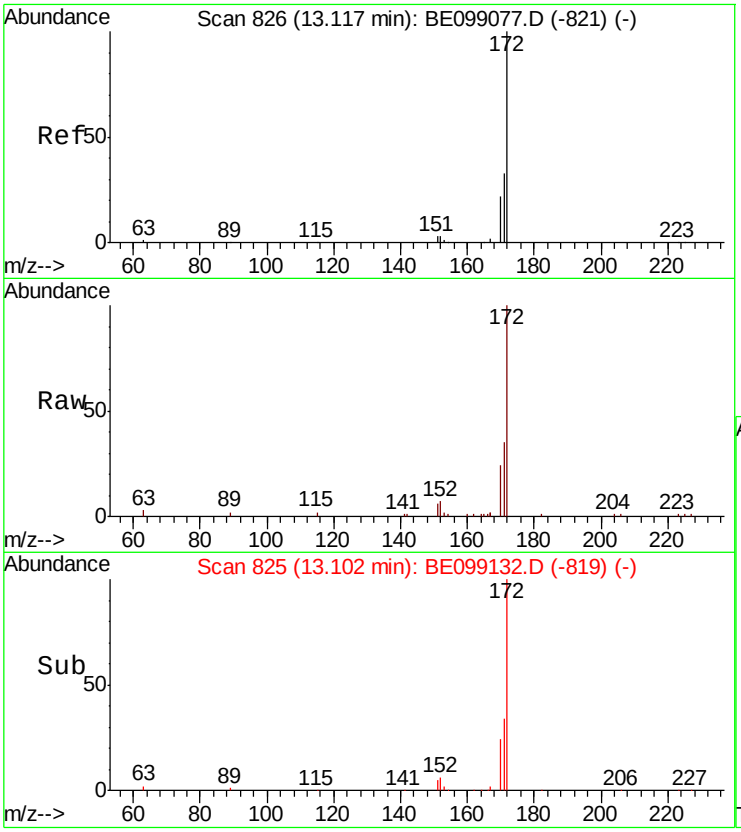


#14
2,4,6-Tribromophenol
Concen: 0.648 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:330 Resp: 1830

Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.6	116.4
141	36.5	31.0	46.4



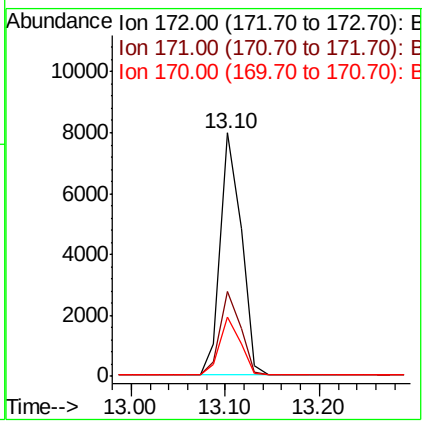


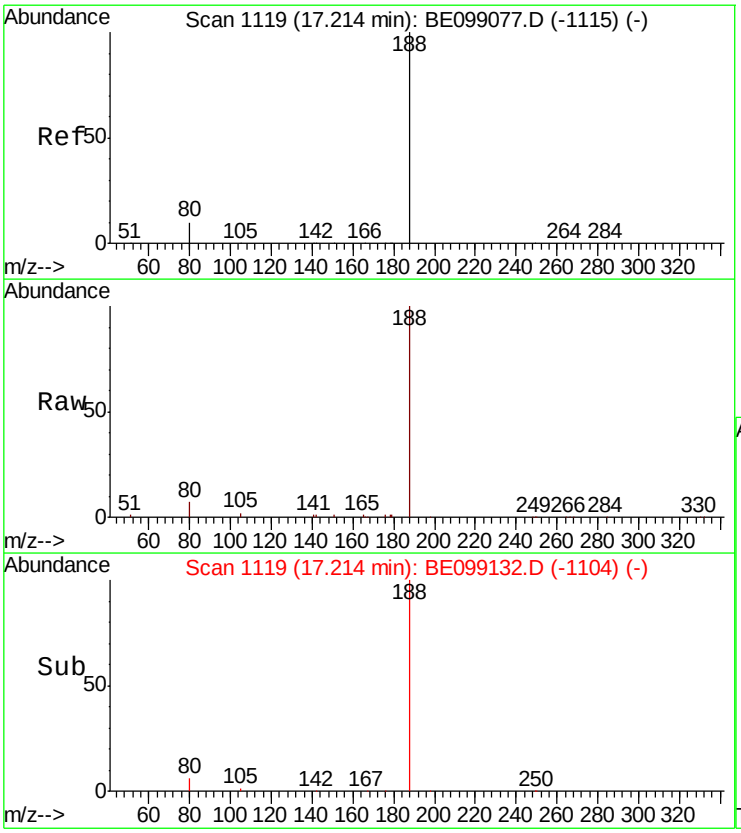
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:172 Resp: 12177

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	24.5	17.7	26.5

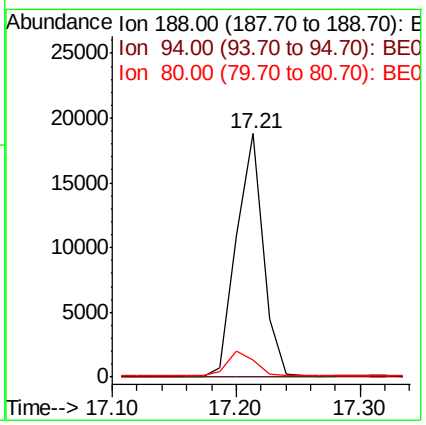


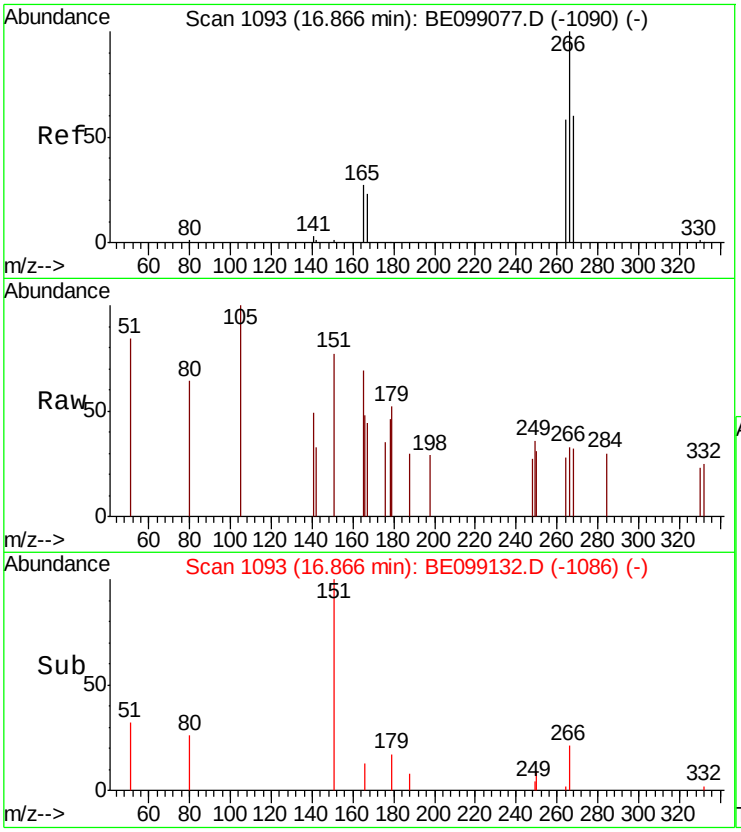


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:188 Resp: 28149

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.3	9.5



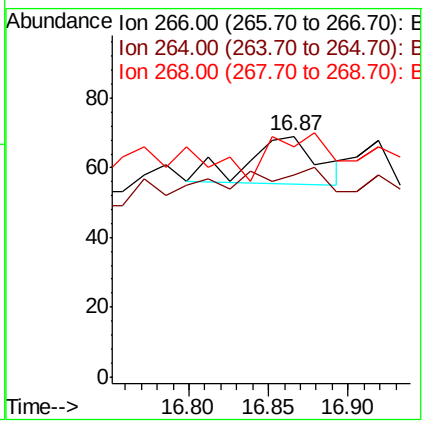


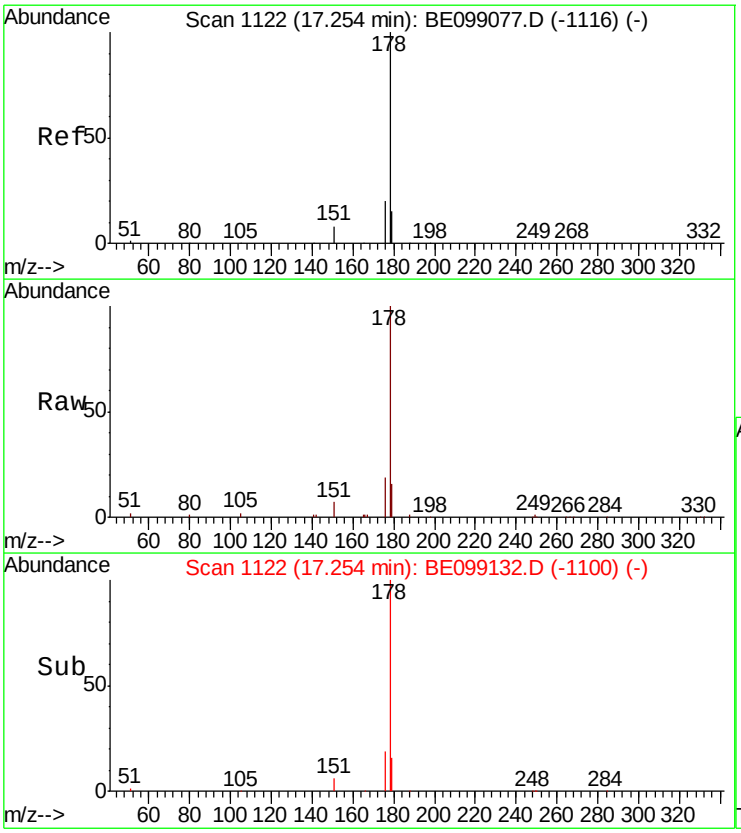
#22
Pentachlorophenol
Concen: 0.258 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:266 Resp: 43

Ion	Ratio	Lower	Upper
266	100		
264	84.1	66.6	100.0
268	95.7	69.8	104.8

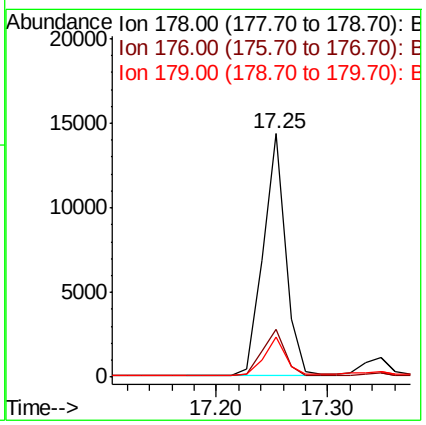


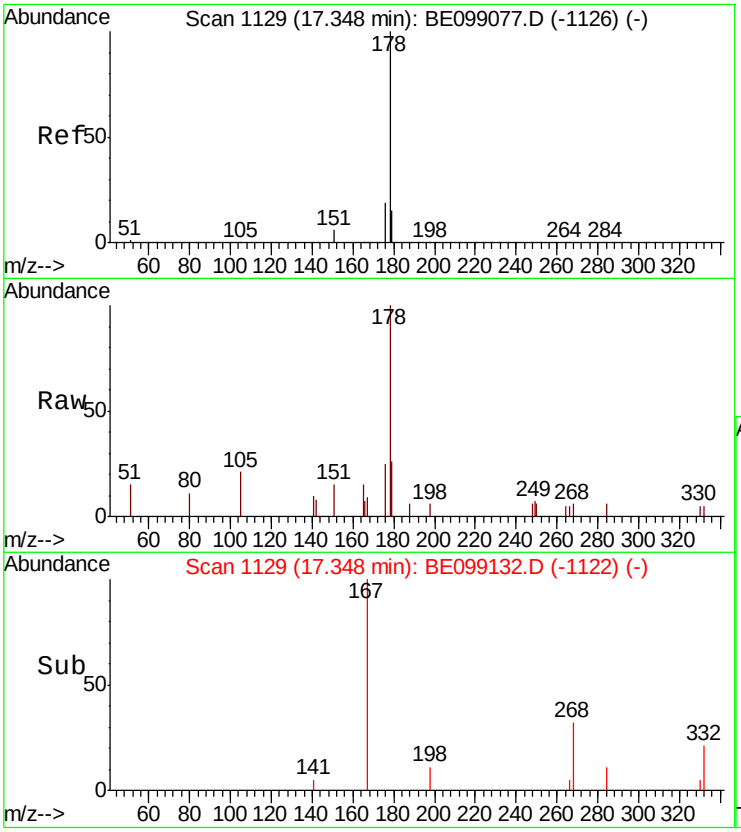


#23
Phenanthrene
Concen: 0.242 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:178 Resp: 20193

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.6	12.1	18.1



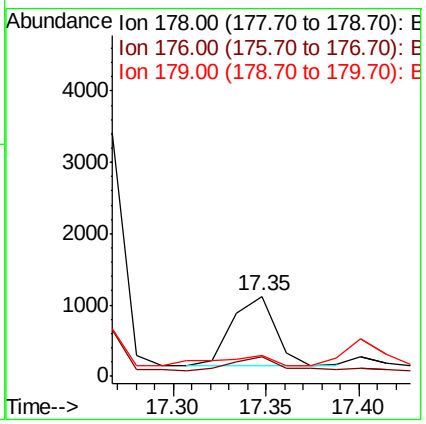


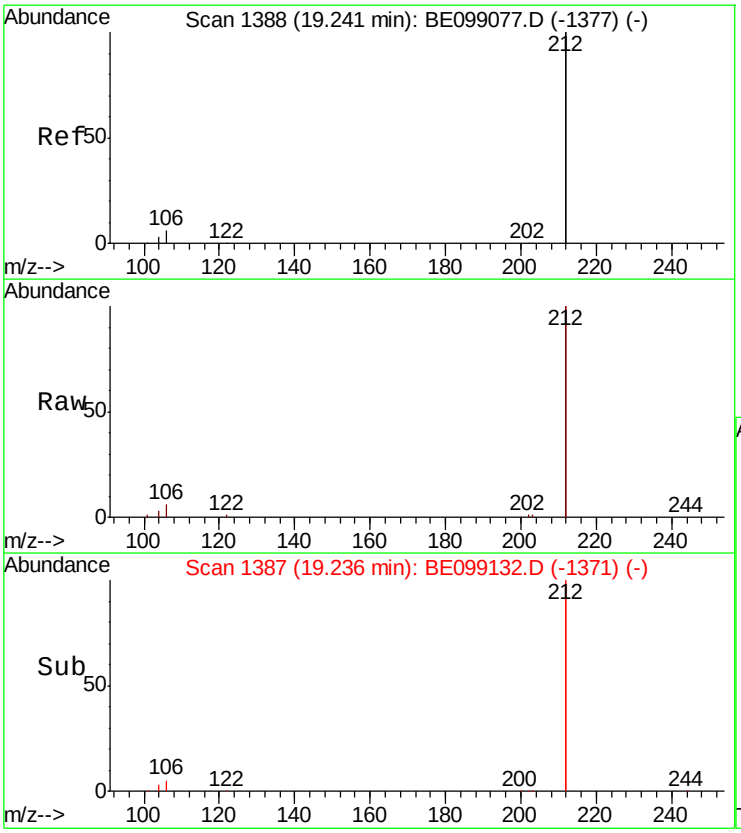
#24
Anthracene
Concen: 0.021 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:178 Resp: 1630

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.4	23.0
179	18.2	12.2	18.4

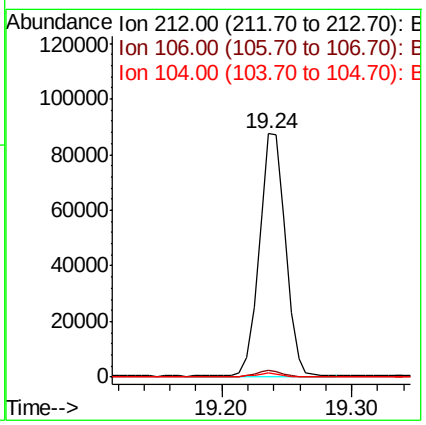


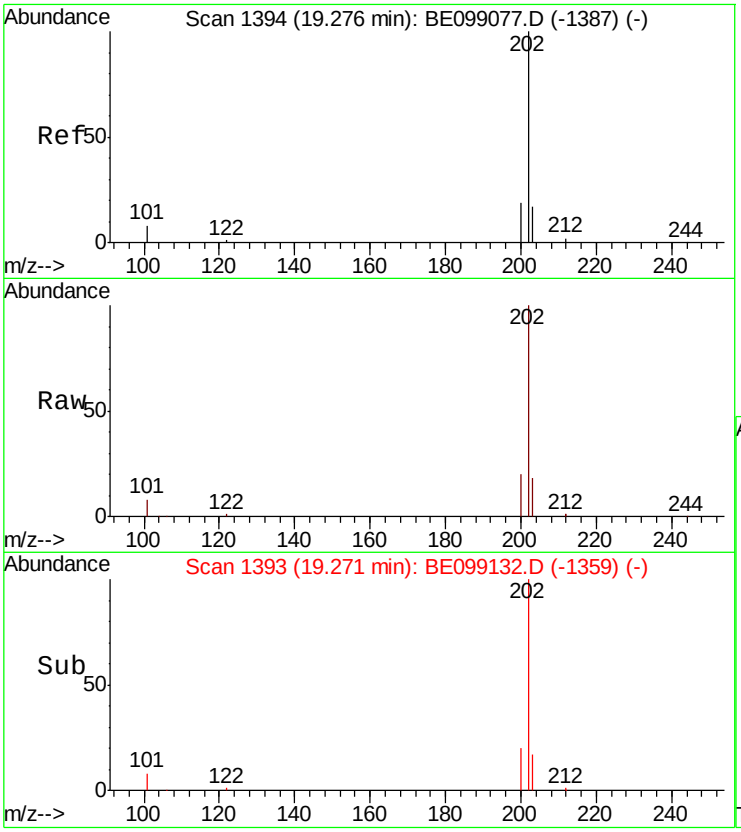


#25
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:212 Resp: 121693

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.0	1.6



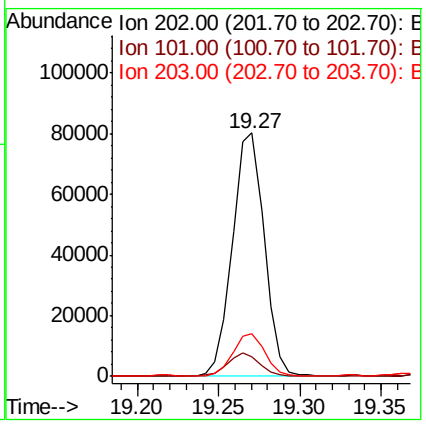


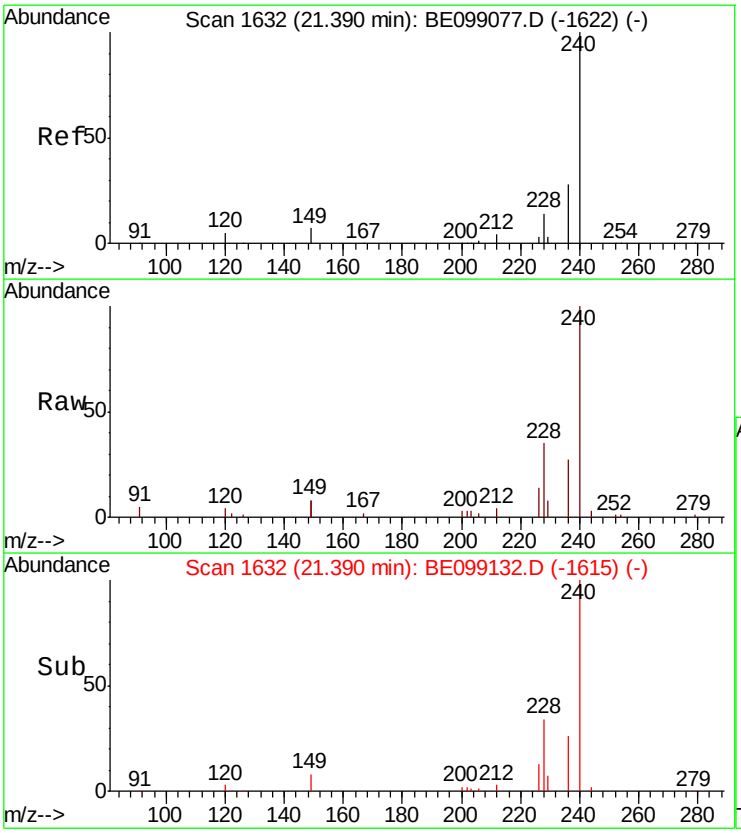
#26
Fluoranthene
Concen: 0.921 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:202 Resp: 108294

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.1	13.4	20.2

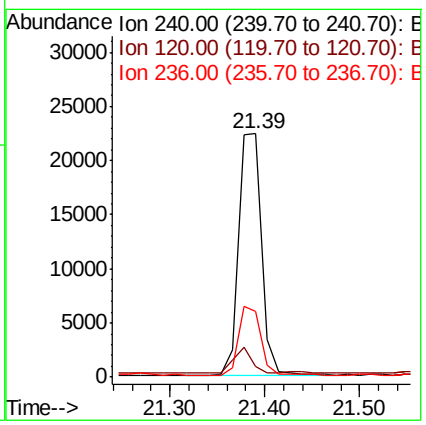


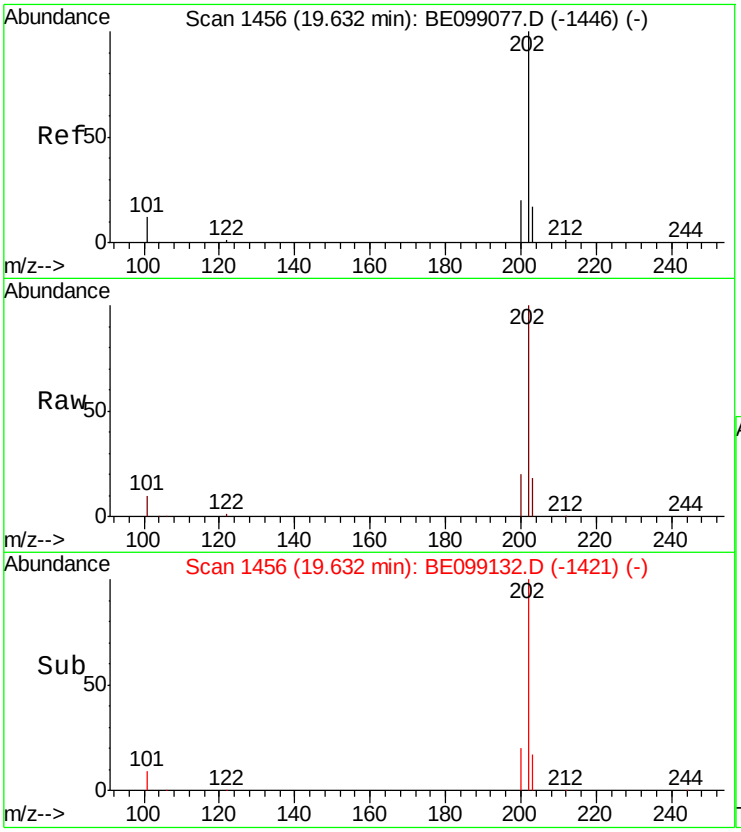


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:240 Resp: 36953

Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.0	7.4#
236	26.9	22.7	34.1



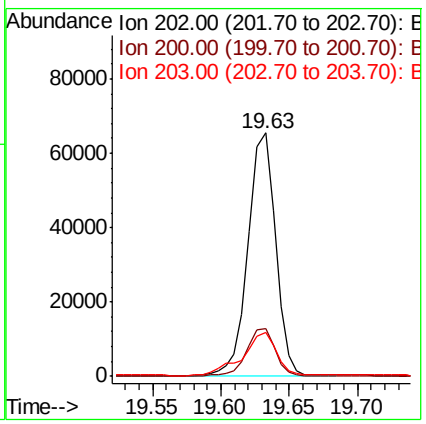


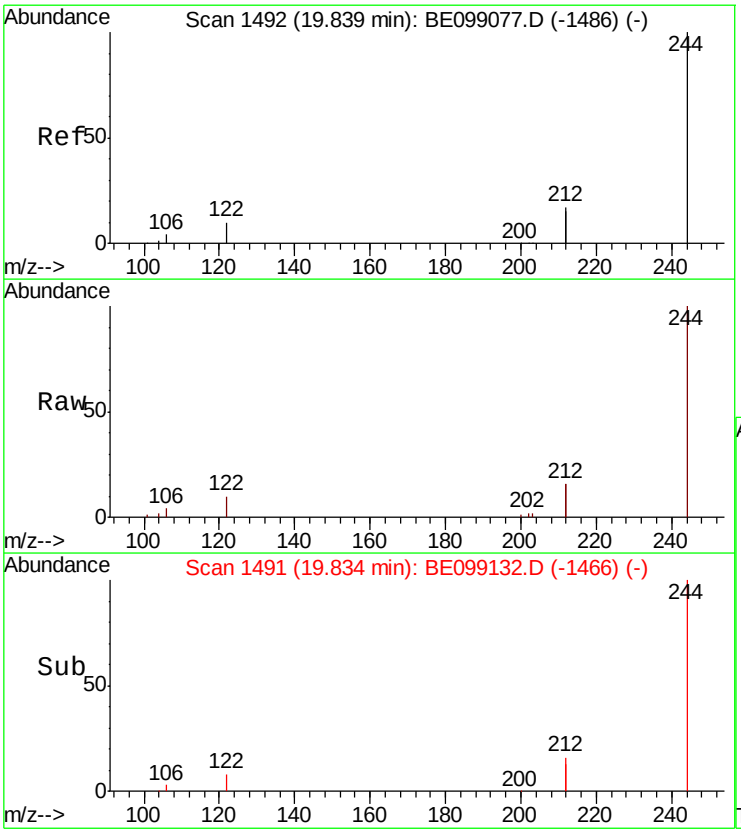
#28
Pyrene
Concen: 0.725 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:202 Resp: 90872

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.6
203	21.5	14.2	21.2#

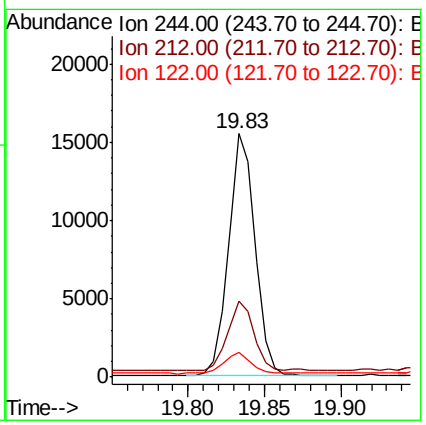


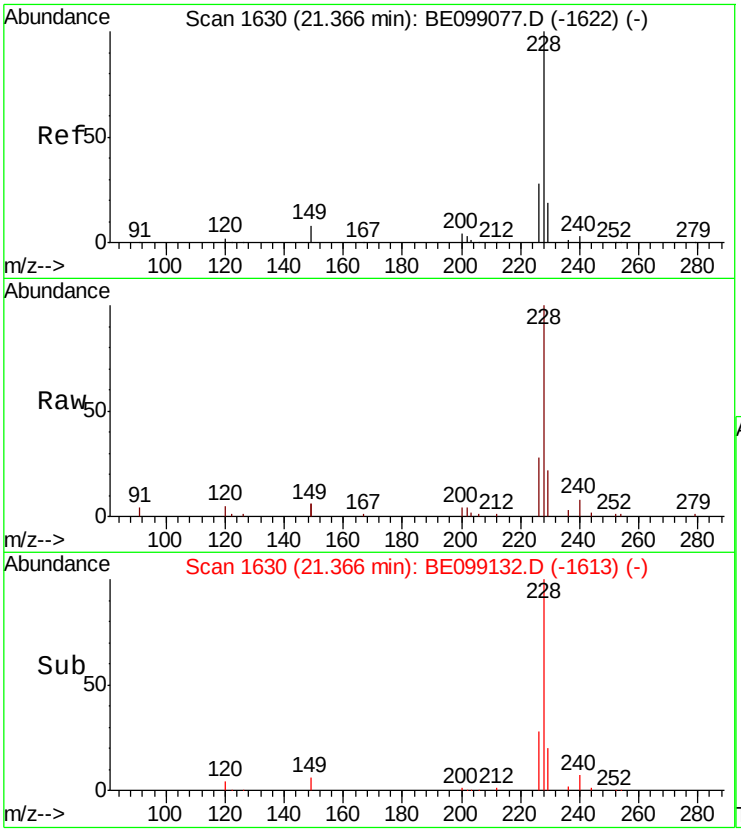


#29
Terphenyl-d14
Concen: 0.241 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:244 Resp: 18871

Ion	Ratio	Lower	Upper
244	100		
212	31.4	29.4	44.2
122	9.9	7.1	10.7



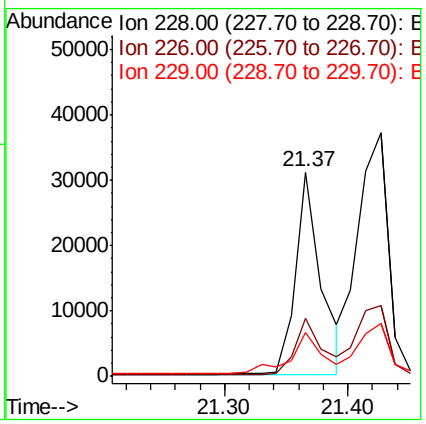


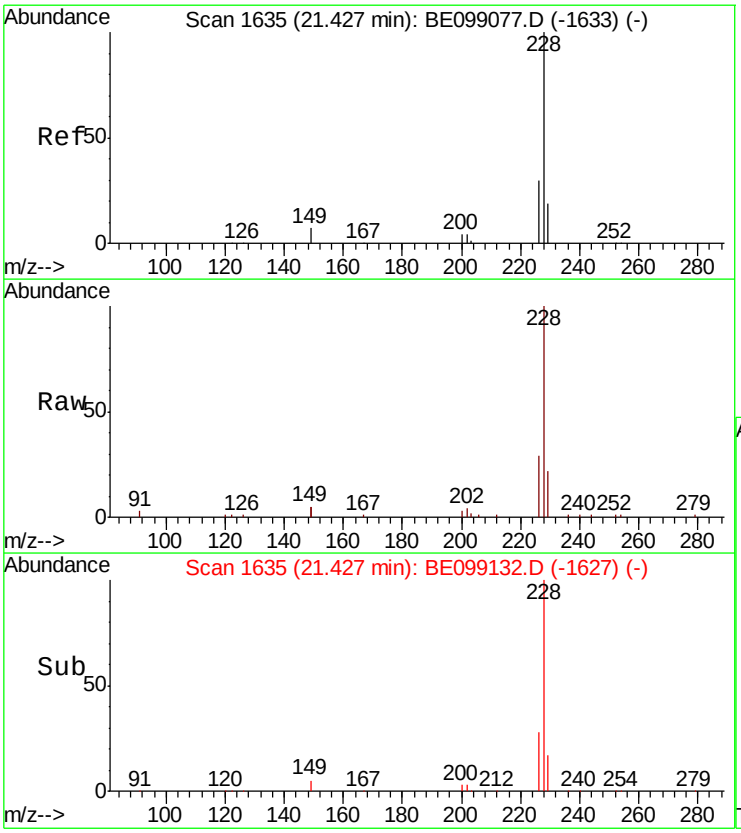
#30
Benzo(a)anthracene
Concen: 0.347 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:228 Resp: 45130

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	21.5	16.5	24.7

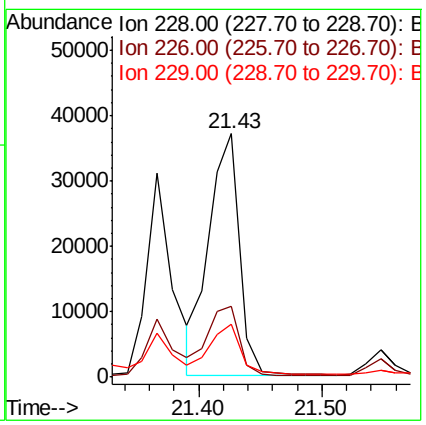


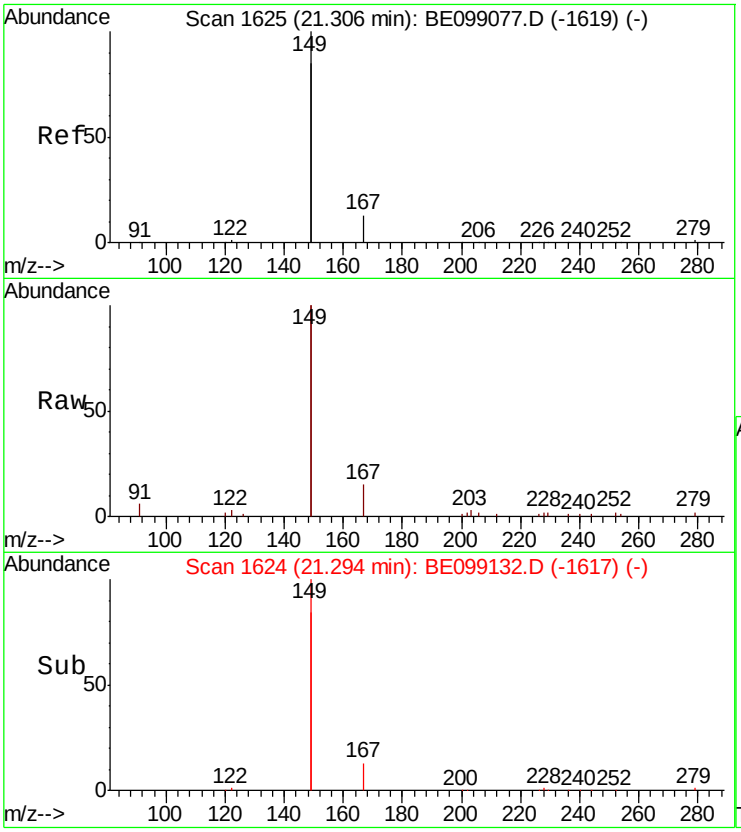


#31
Chrysene
Concen: 0.488 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:228 Resp: 63510

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	22.0	16.1	24.1



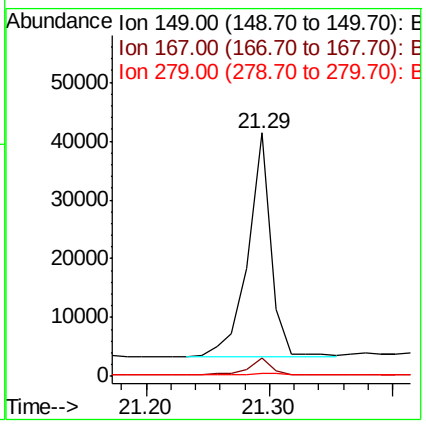


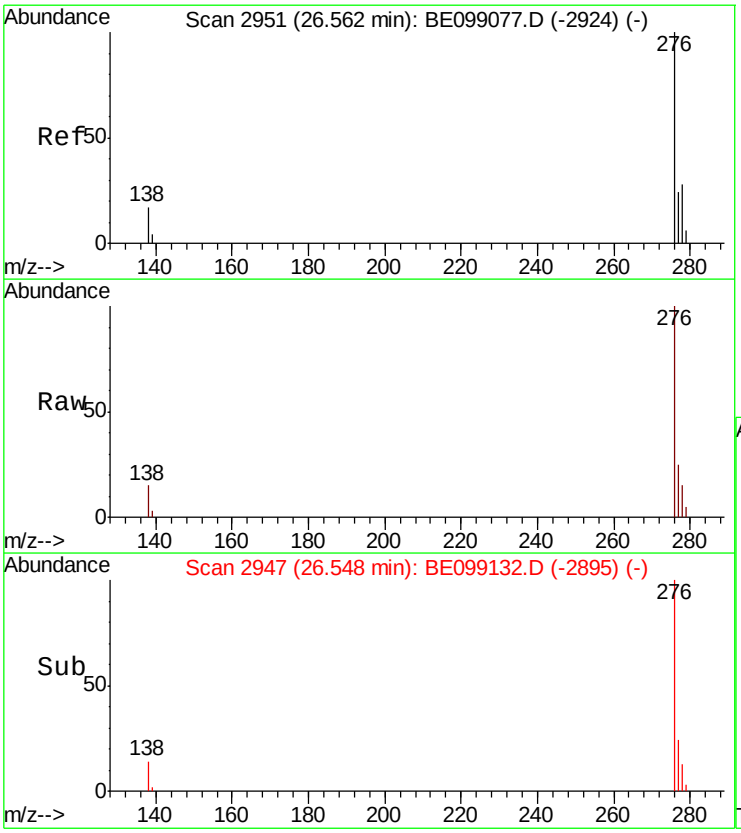
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:149 Resp: 49999

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.2	1.0	1.4

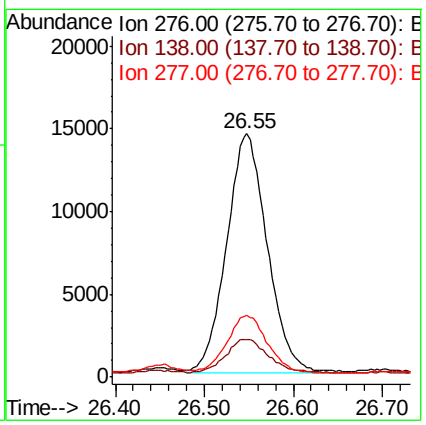


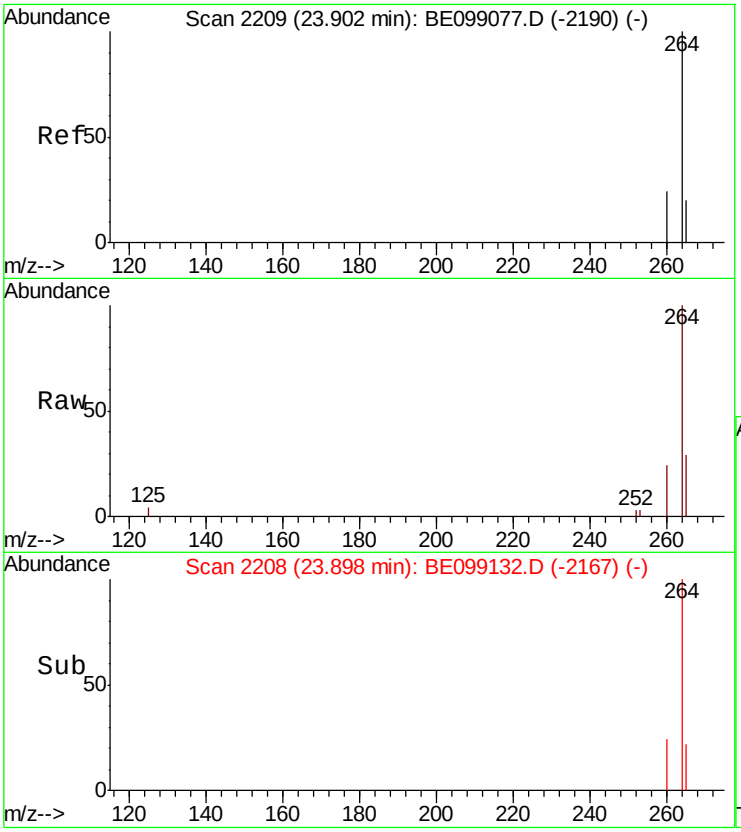


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:276 Resp: 45841

Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.8	20.8
277	24.3	19.5	29.3



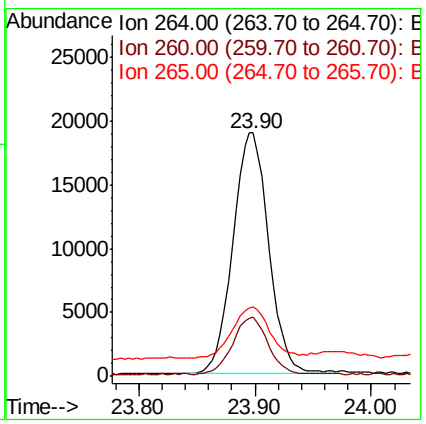


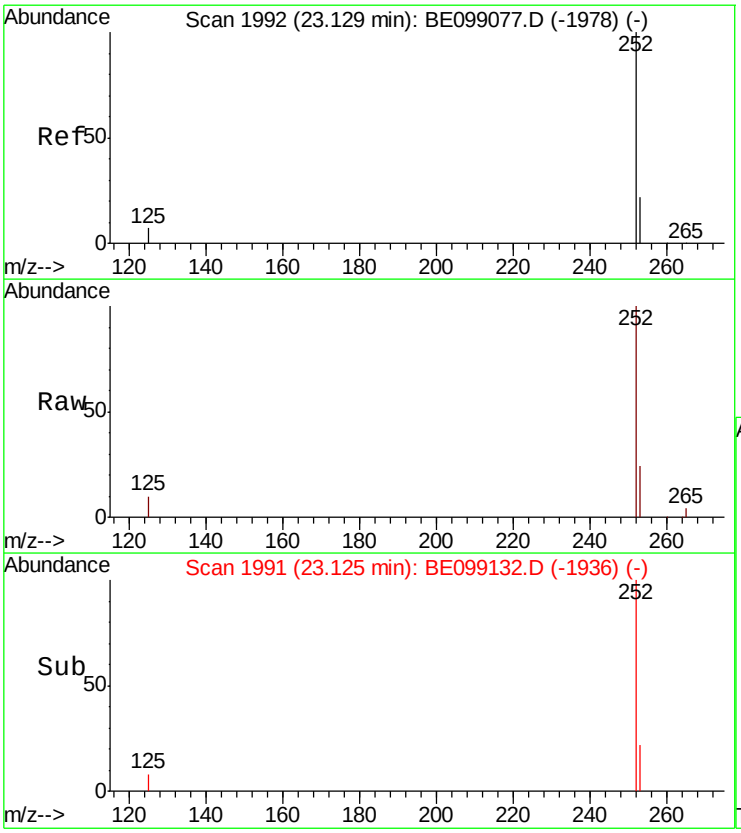
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:264 Resp: 40514

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.2	31.8
265	28.8	24.6	36.8

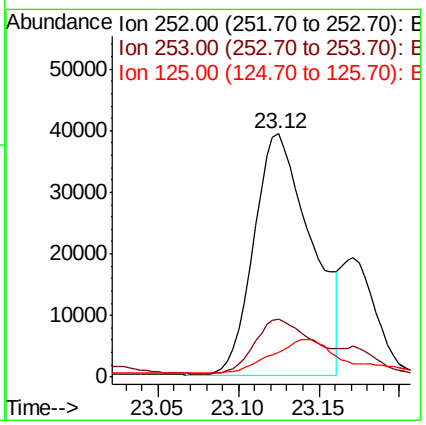


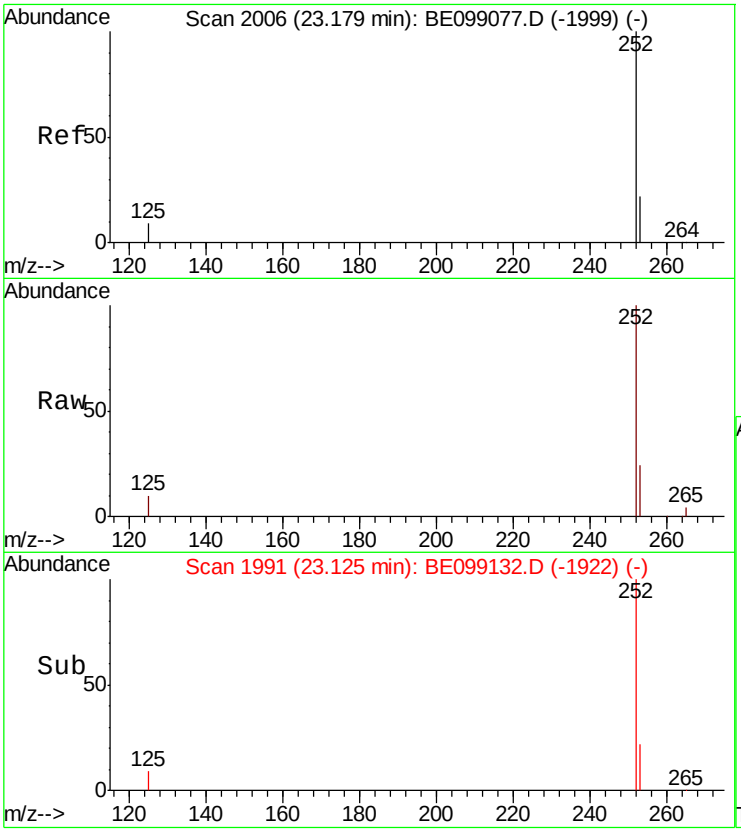


#35
Benzo(b)fluoranthene
Concen: 0.693 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:252 Resp: 97130

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	10.3	7.3	10.9



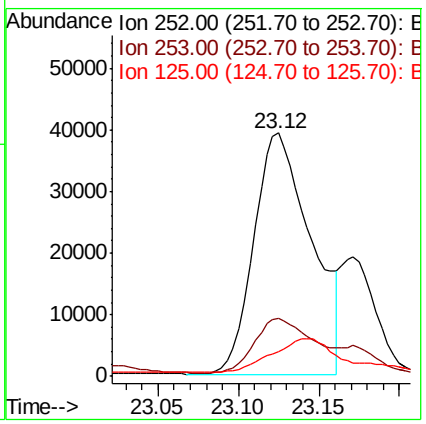


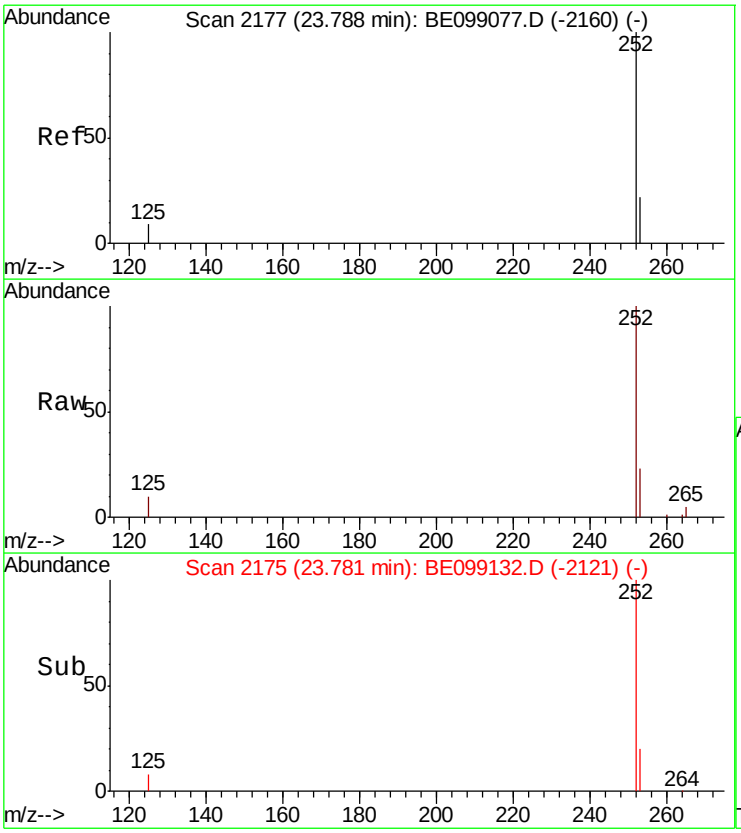
#36
Benzo(k)fluoranthene
Concen: 0.707 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:252 Resp: 97130

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.3	28.9
125	10.3	7.5	11.3

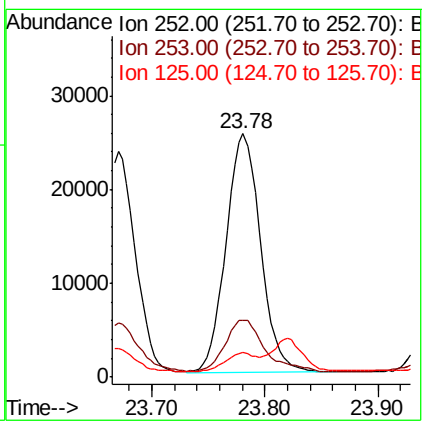


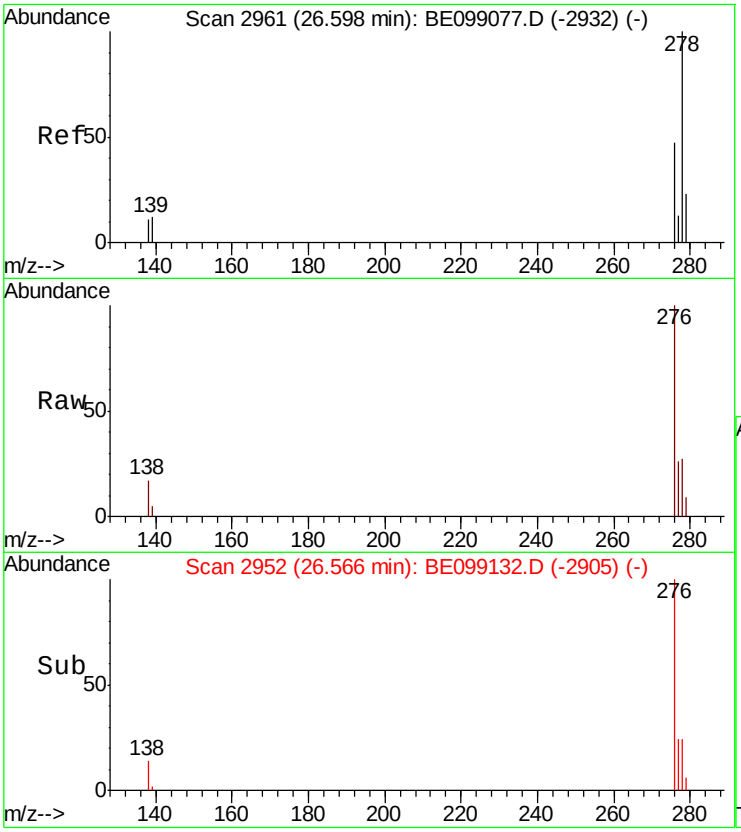


#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:252 Resp: 53913

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.9	29.9
125	10.1	9.0	13.4



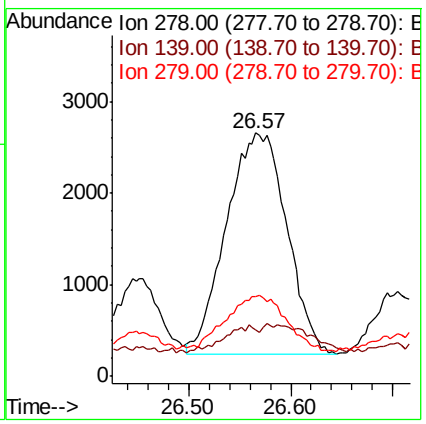


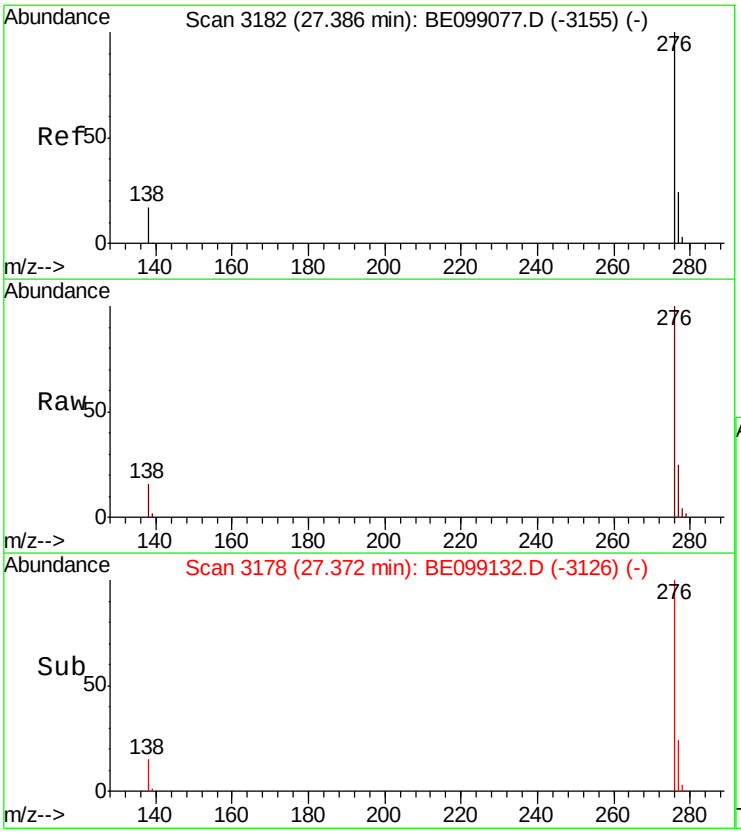
#38
Dibenzo(a,h)anthracene
Concen: 0.079 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
PST-025-SW079-031319

Tgt Ion:278 Resp: 9922

Ion	Ratio	Lower	Upper
278	100		
139	19.1	11.8	17.6#
279	33.0	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099132.D
Acq: 24 Mar 2019 4:20

Tgt Ion:276 Resp: 47643

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.4	30.6
138	16.3	13.6	20.4