Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099426.D
Acq On : 30 Apr 2019 14:57
Operator : JU/SJ
Sample : K2587-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-004-B165-042319

Quant Time: Apr 30 23:58:08 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	7.82	152	2235	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	7761	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	5240	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	16114	0.40	ng		0.00
27) Chrysene-d12	21.37	240	26058	0.40	ng		0.00
34) Perylene-d12	23.86	264	30938	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2211	0.36	ng		0.00
5) Phenol-d6	6.96	99	3143	0.38	ng		-0.01
8) Nitrobenzene-d5	8.96	82	2469	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	4491	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	1079	0.33	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	6776	0.34	ng		-0.01
25) Fluoranthene-d10	19.22	212	72961	0.34	ng		0.00
29) Terphenyl-d14	19.81	244	14881	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	131	0.043	ng	#	1
3) n-Nitrosodimethylamine	3.65	42	66	0.036	ng	#	1
9) Naphthalene	10.65	128	2466	0.029	ng	#	92
12) 2-Methylnaphthalene	12.27	142	415	0.028	ng	#	92
16) Acenaphthylene	14.18	152	1228	0.048	ng	#	88
18) Fluorene	15.49	166	688	0.032	ng	#	88
22) Pentachlorophenol	16.84	266	53	0.226	ng	#	74
23) Phenanthrene	17.23	178	14653	0.352	ng		99
24) Anthracene	17.32	178	2675	0.067	ng	#	95
26) Fluoranthene	19.25	202	41626	0.668	ng		100
28) Pyrene	19.61	202	40785	0.600	ng	#	96
30) Benzo(a)anthracene	21.34	228	29249	0.352	ng		97
31) Chrysene	21.40	228	32663	0.402	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	16766	0.071	ng		99
33) Indeno(1,2,3-cd)pyrene	26.50	276	22196	0.231	ng		99
35) Benzo(b)fluoranthene	23.09	252	44712	0.501	ng	#	96
36) Benzo(k)fluoranthene	23.09	252	44712	0.520	ng	#	96
37) Benzo(a)pyrene	23.75	252	27943	0.331	ng		97
38) Dibenzo(a,h)anthracene	26.51	278	5942	0.069	ng	#	74
39) Benzo(g,h,i)perylene	27.32	276	21859	0.253	ng		99

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

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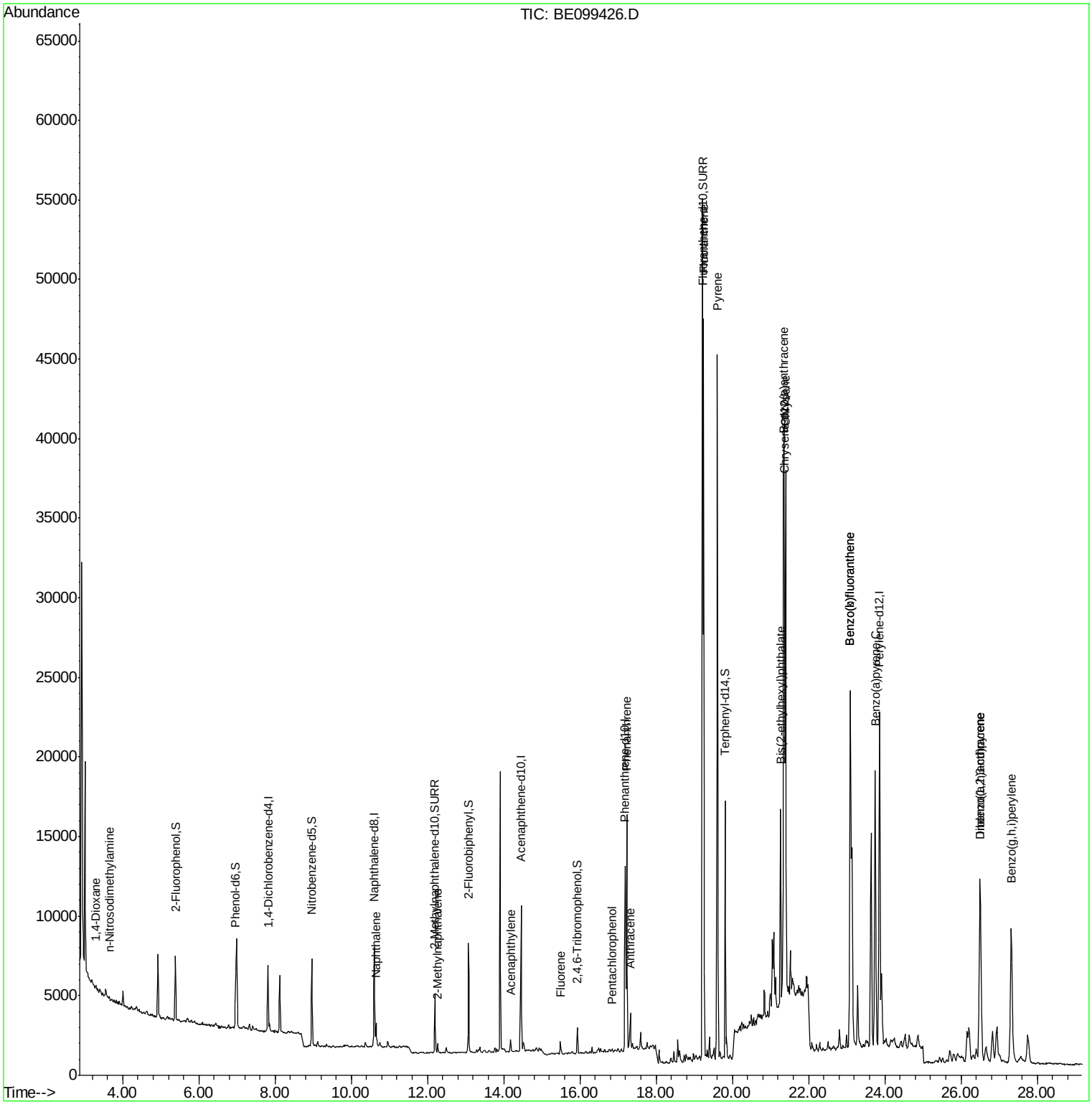
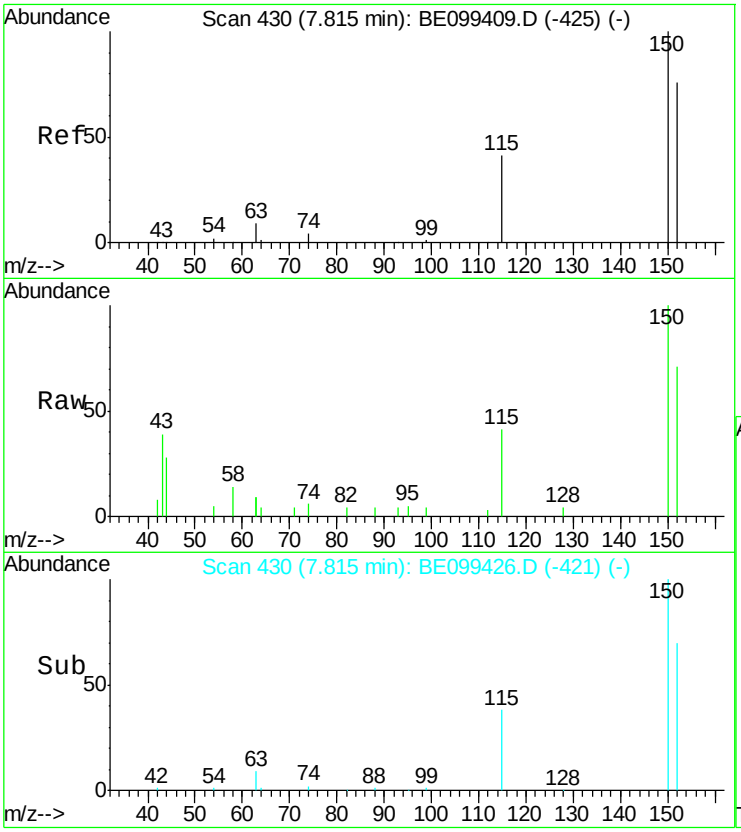
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



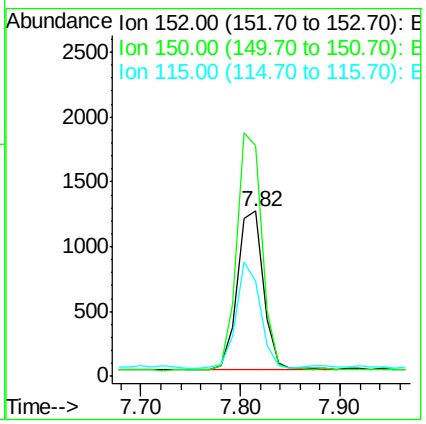


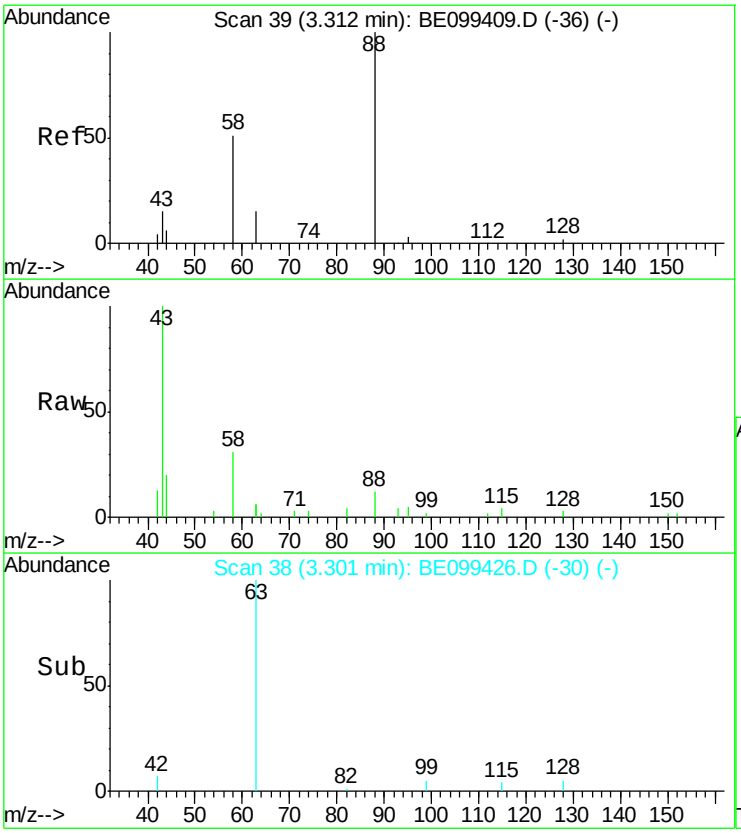
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:152 Resp: 2235

Ion	Ratio	Lower	Upper
152	100		
150	140.0	104.8	157.2
115	57.8	46.6	69.8

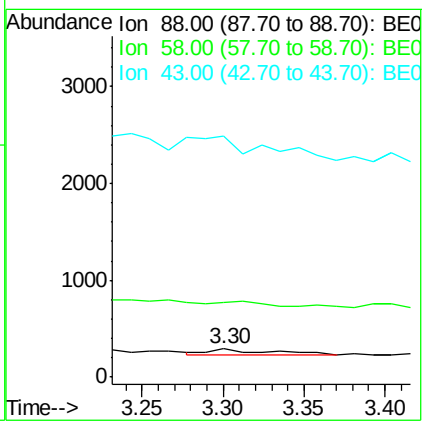


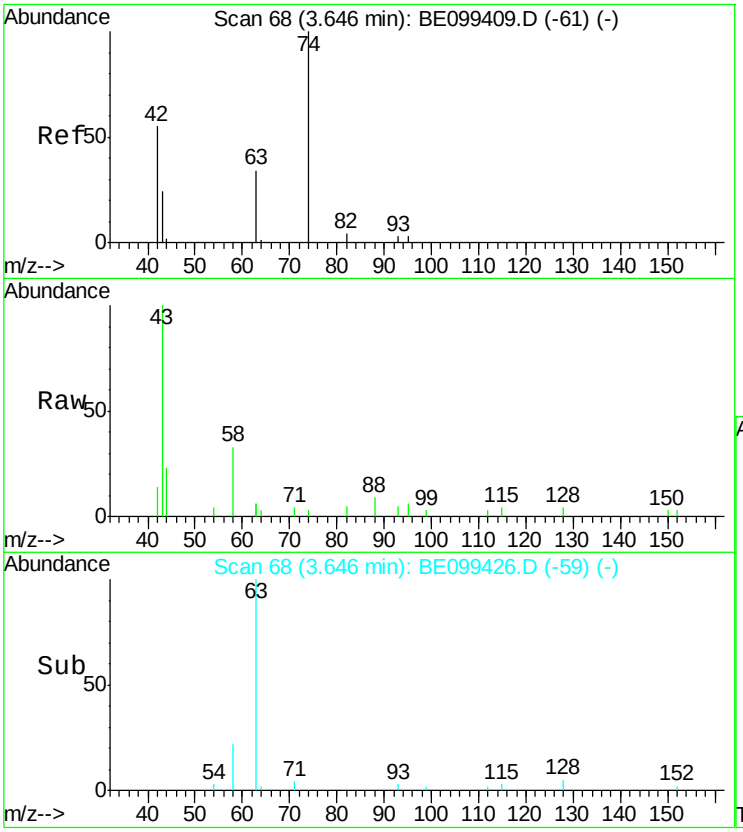


#2
1,4-Dioxane
Concen: 0.043 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion: 88 Resp: 131

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.0	76.6#
43	617.6	20.6	30.8#



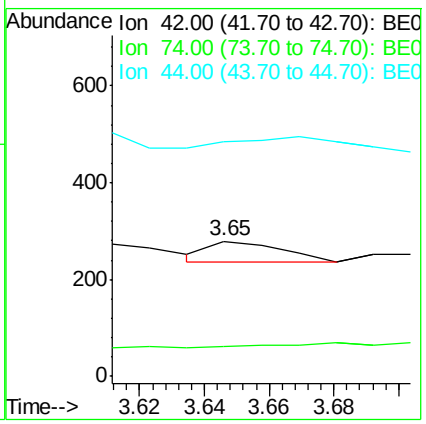


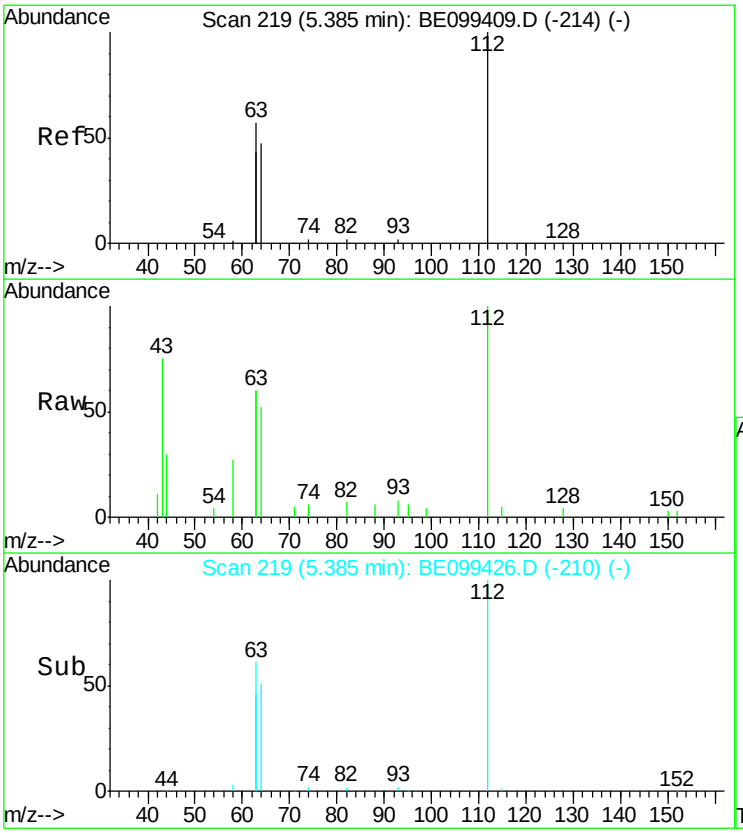
#3
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion: 42 Resp: 66

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

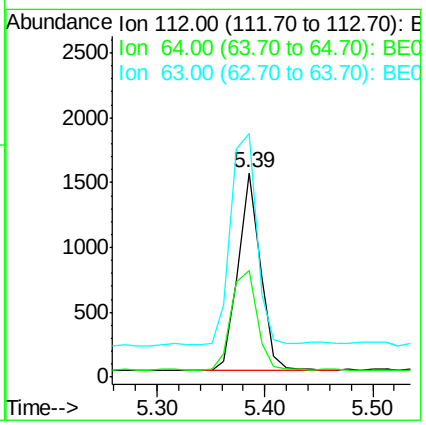


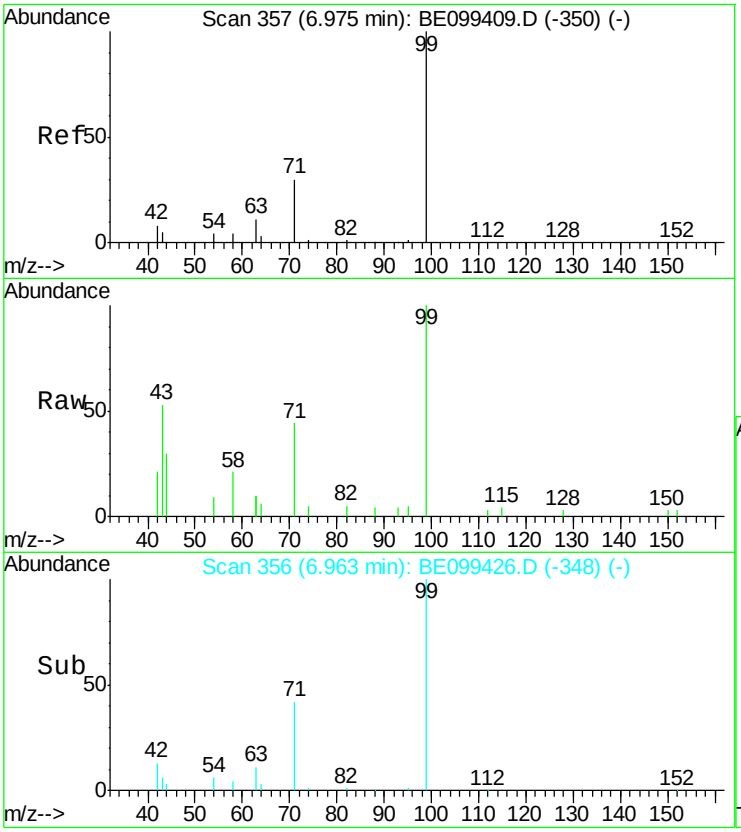


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:112 Resp: 2211

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.4	71.0
63	123.6	104.3	156.5



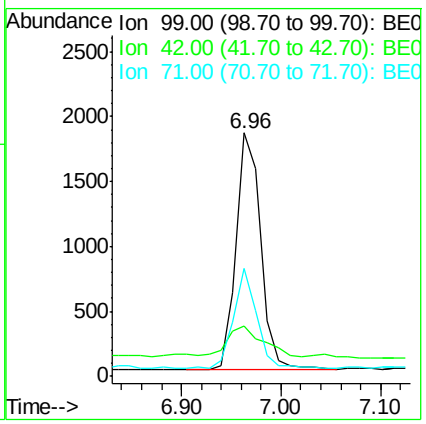


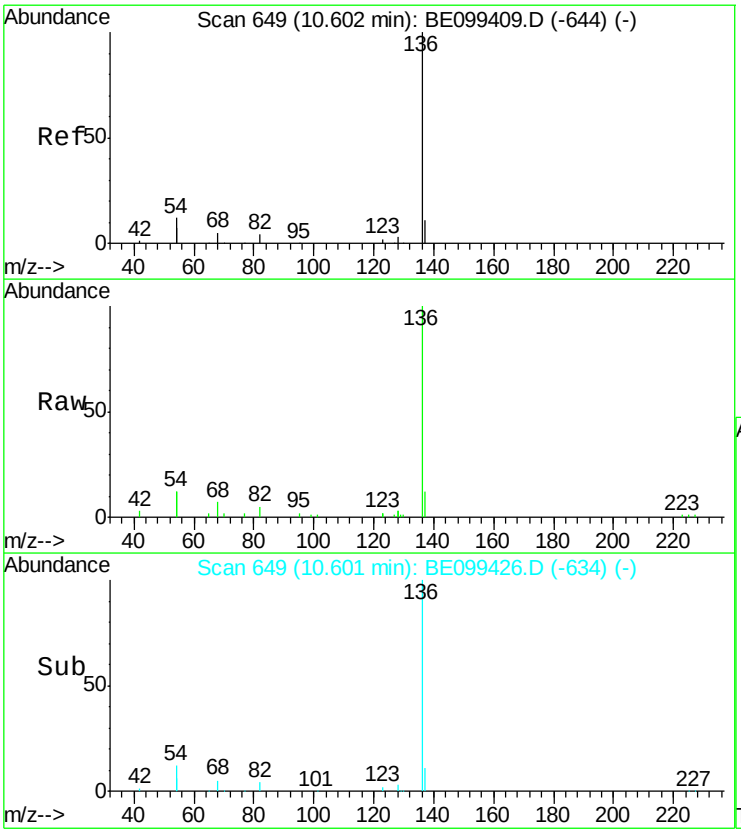
#5
Phenol-d6
Concen: 0.382 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion: 99 Resp: 3143

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	39.0	33.0	49.6

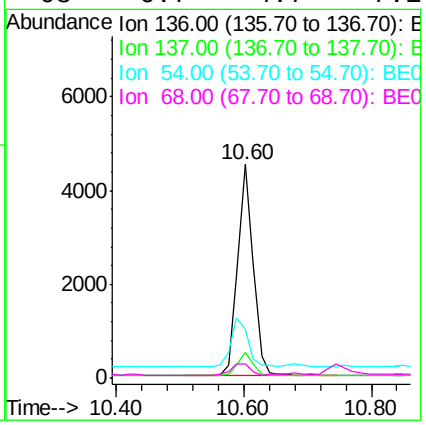


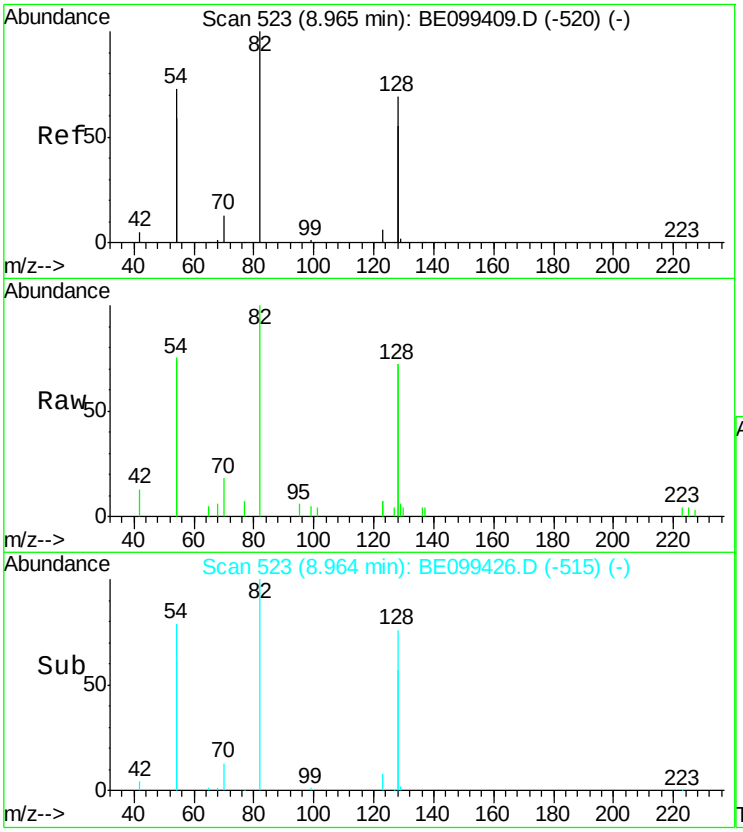


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:136 Resp: 7761

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	23.0	18.5	27.7
68	6.7	4.7	7.1



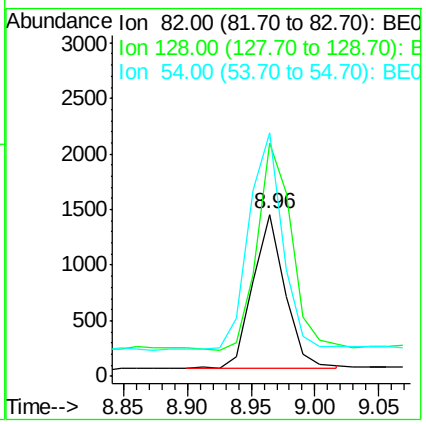


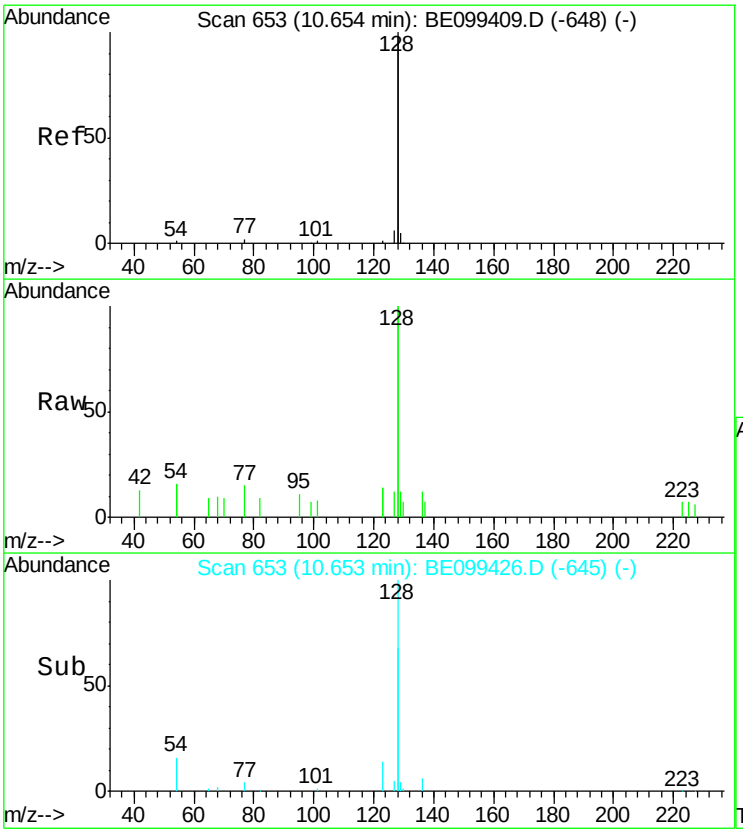
#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion: 82 Resp: 2469

Ion	Ratio	Lower	Upper
82	100		
128	144.0	107.0	160.4
54	150.4	113.1	169.7

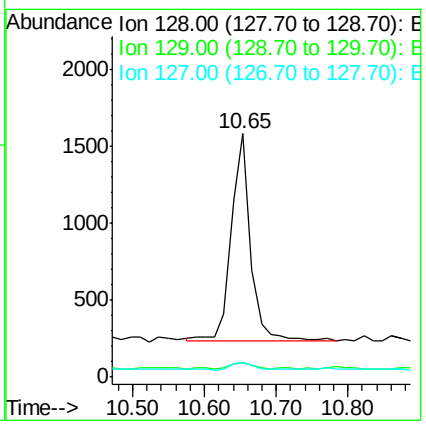


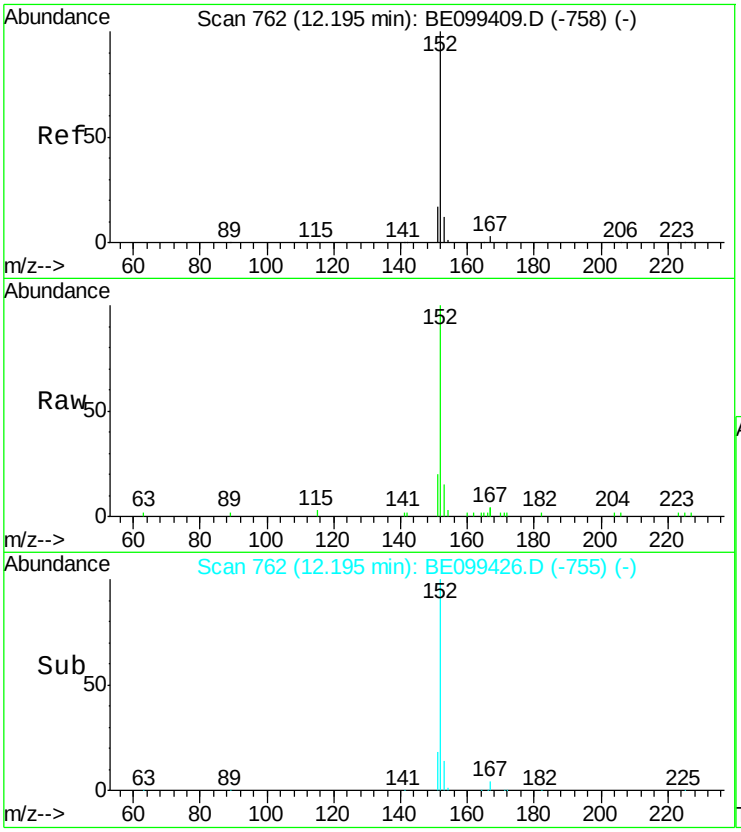


#9
Naphthalene
Concen: 0.029 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:128 Resp: 2466

Ion	Ratio	Lower	Upper
128	100		
129	6.0	2.4	3.6#
127	5.9	2.8	4.2#



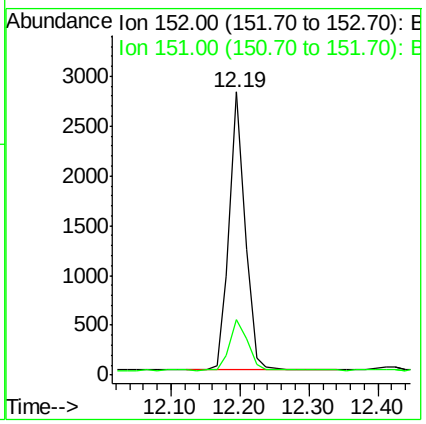


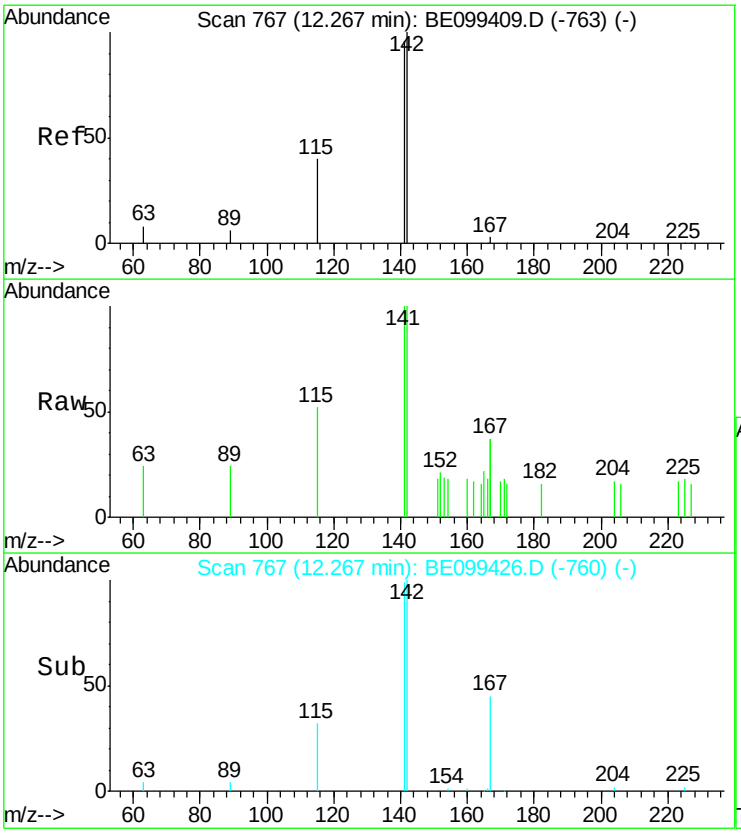
#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:152 Resp: 4491

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3

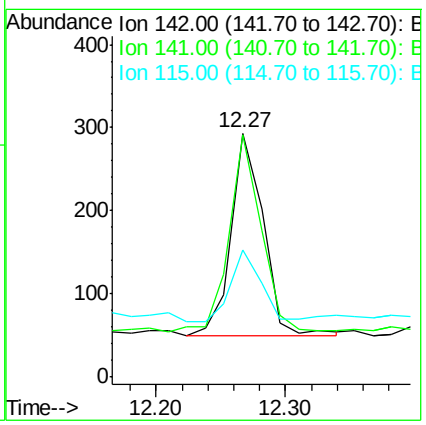


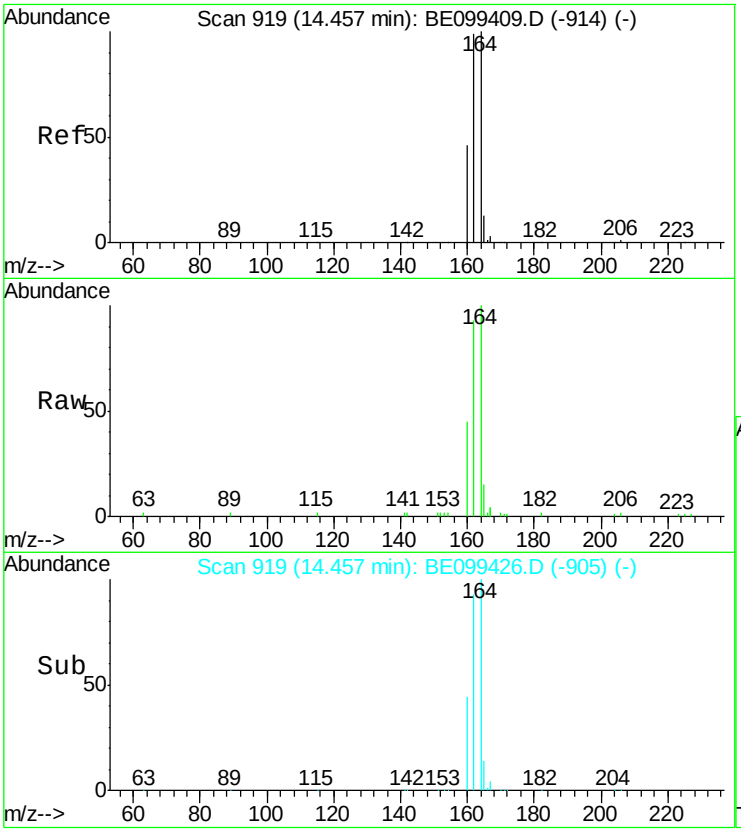


#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:142 Resp: 415

Ion	Ratio	Lower	Upper
142	100		
141	99.7	77.0	115.4
115	52.2	33.4	50.0#



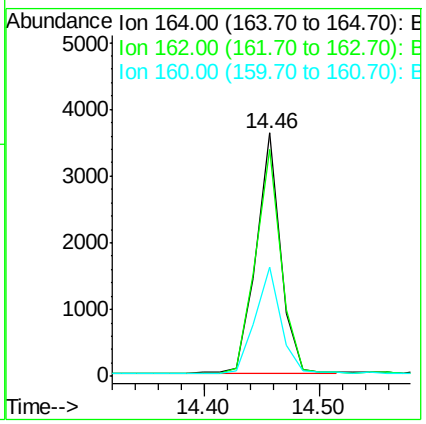


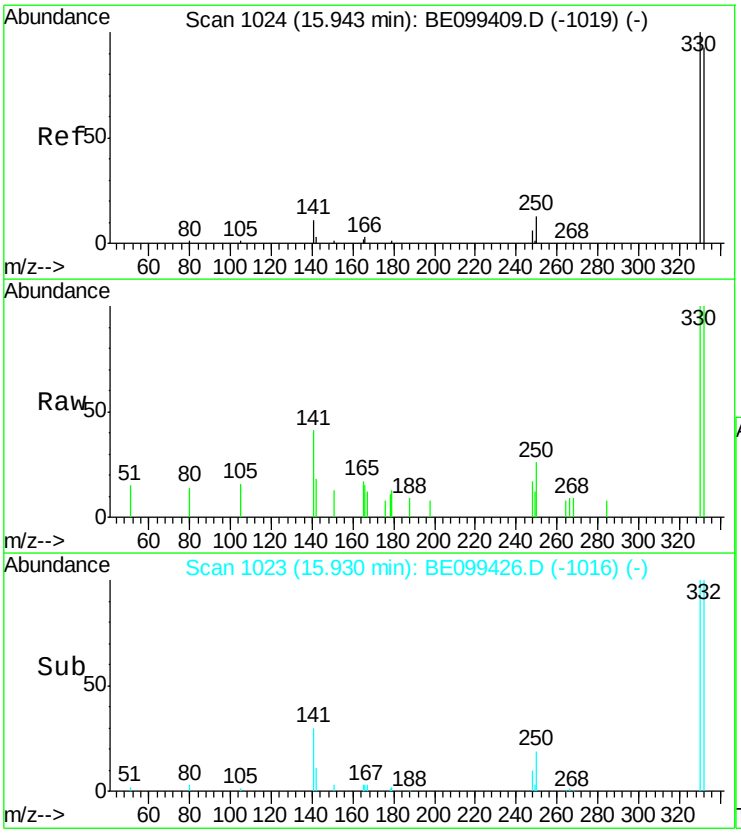
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:164 Resp: 5240

Ion	Ratio	Lower	Upper
164	100		
162	93.3	79.0	118.4
160	44.7	37.0	55.4

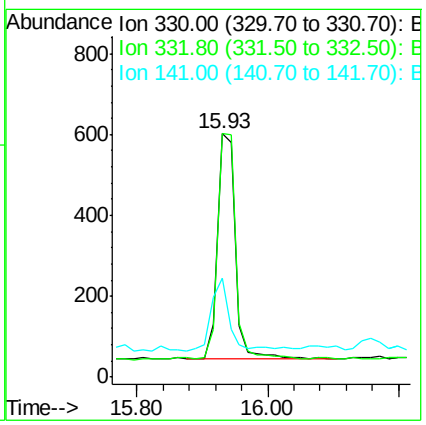


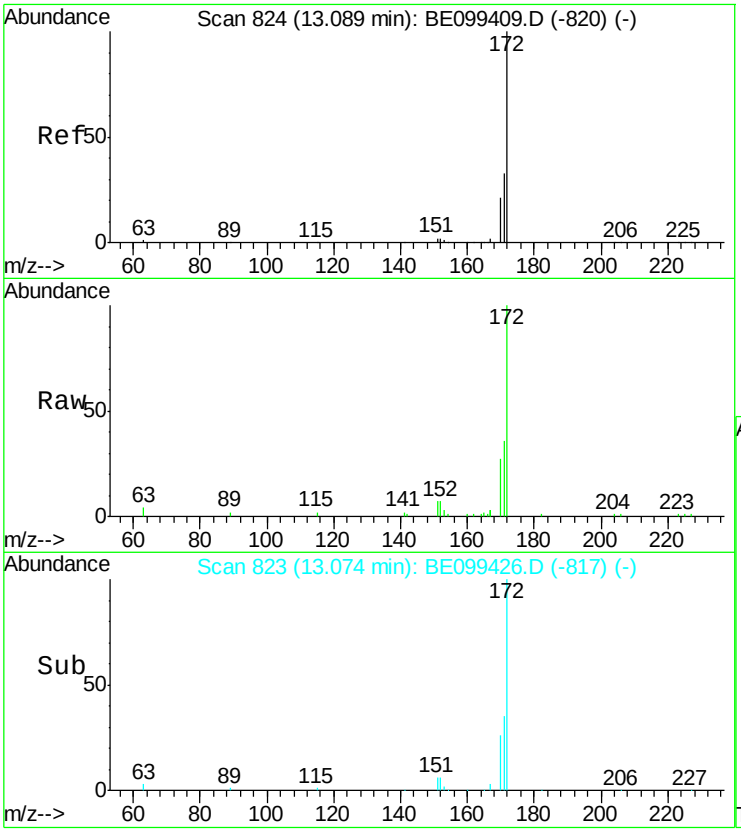


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:330 Resp: 1079

Ion	Ratio	Lower	Upper
330	100		
332	99.1	71.5	107.3
141	33.1	24.0	36.0



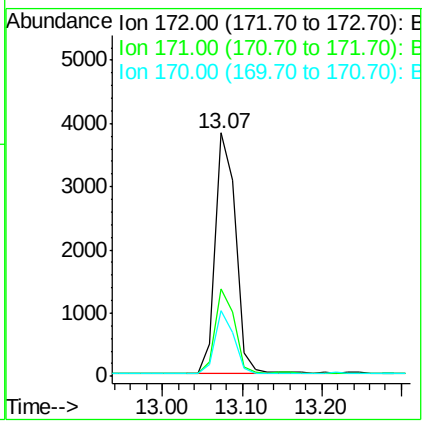


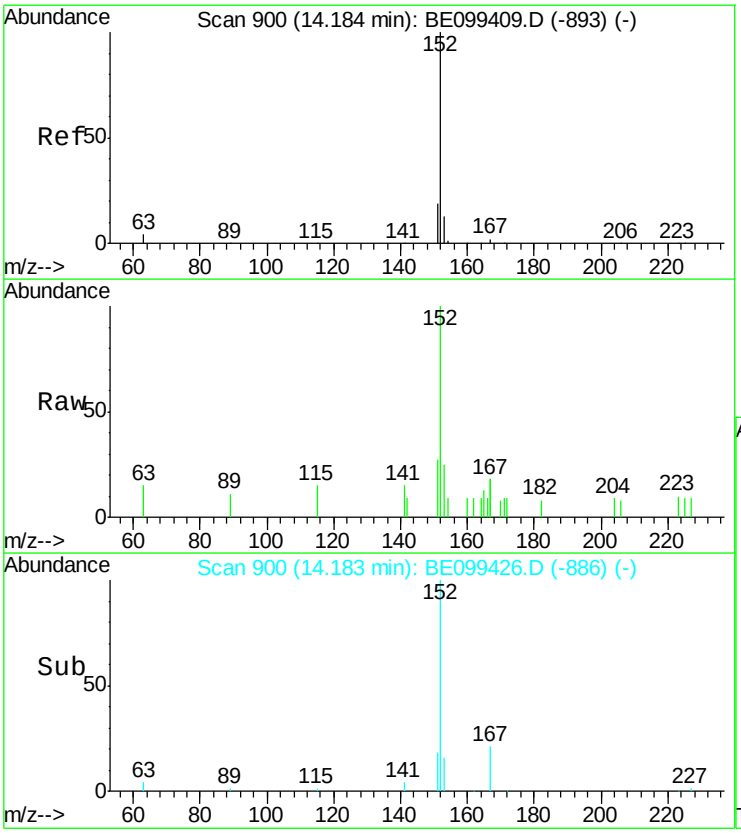
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:172 Resp: 6776

Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.6	39.8
170	27.2	17.0	25.6#

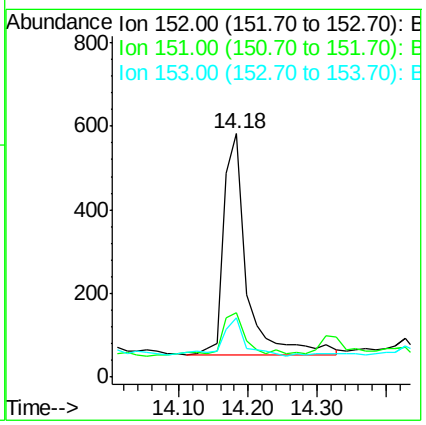


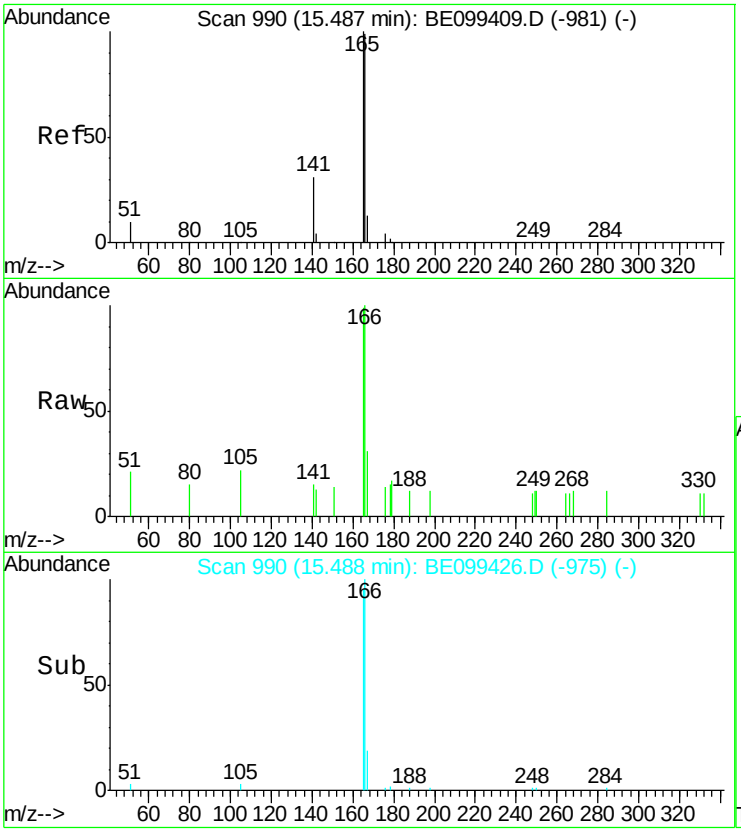


#16
Acenaphthylene
Concen: 0.048 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:152 Resp: 1228

Ion	Ratio	Lower	Upper
152	100		
151	24.2	15.4	23.2#
153	17.4	9.8	14.6#



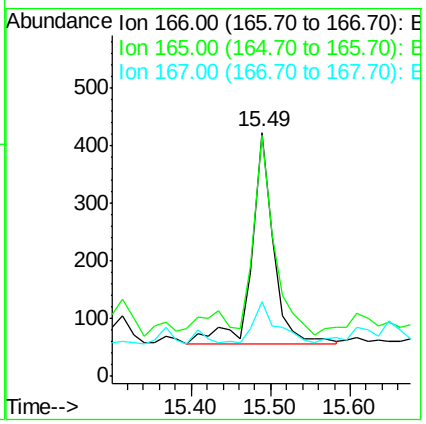


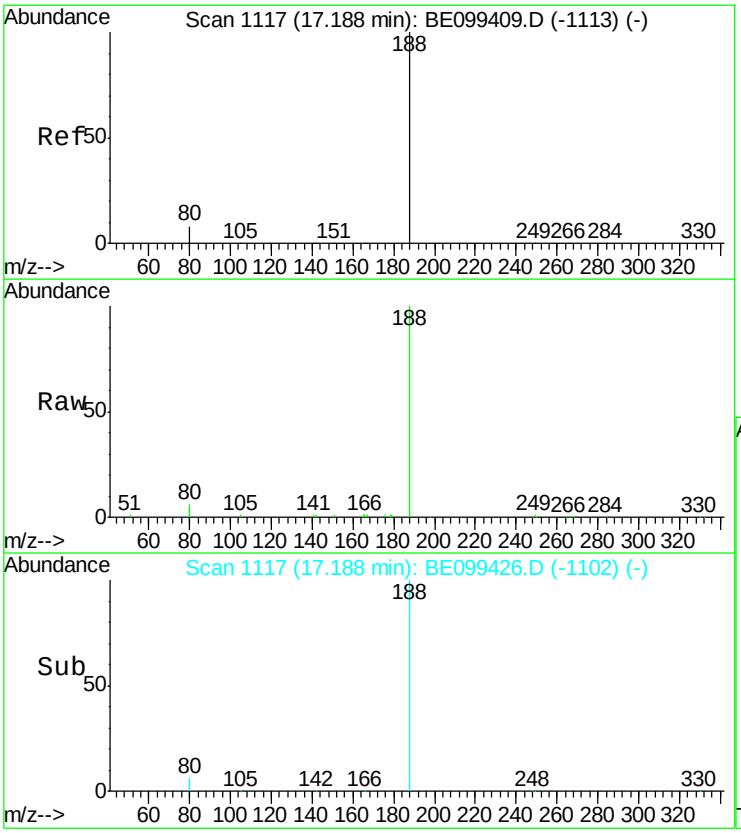
#18
Fluorene
Concen: 0.032 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:166 Resp: 688

Ion	Ratio	Lower	Upper
166	100		
165	89.2	80.3	120.5
167	20.9	10.7	16.1#

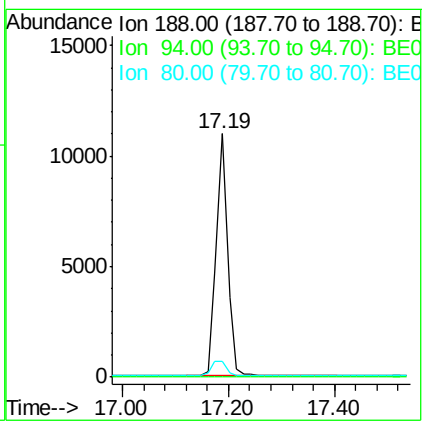


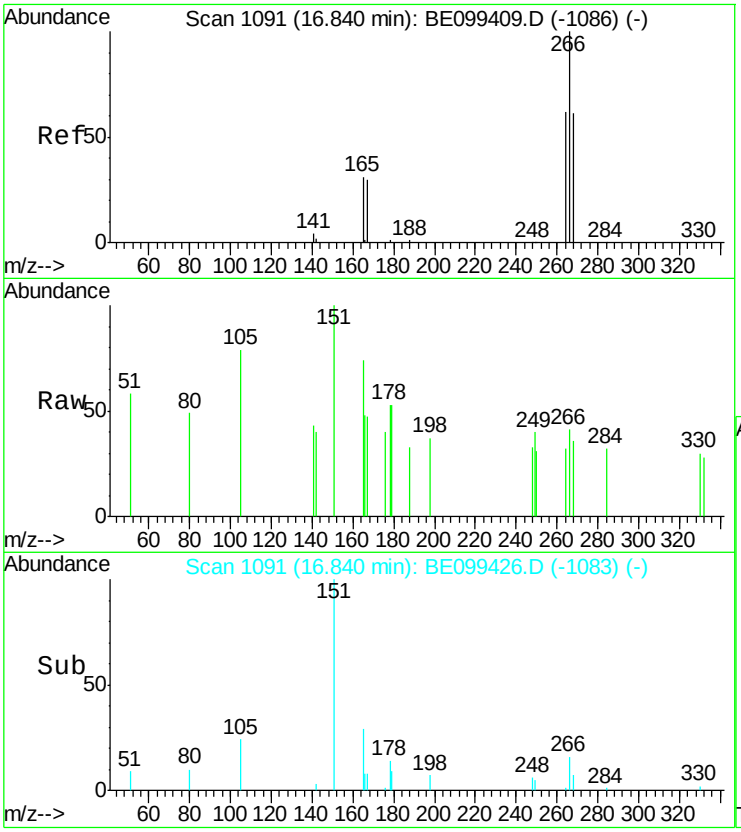


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:188 Resp: 16114

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	6.7	10.1#



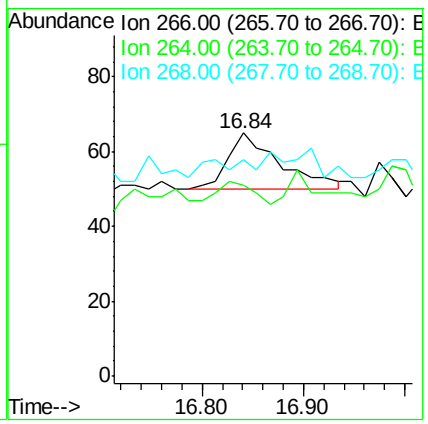


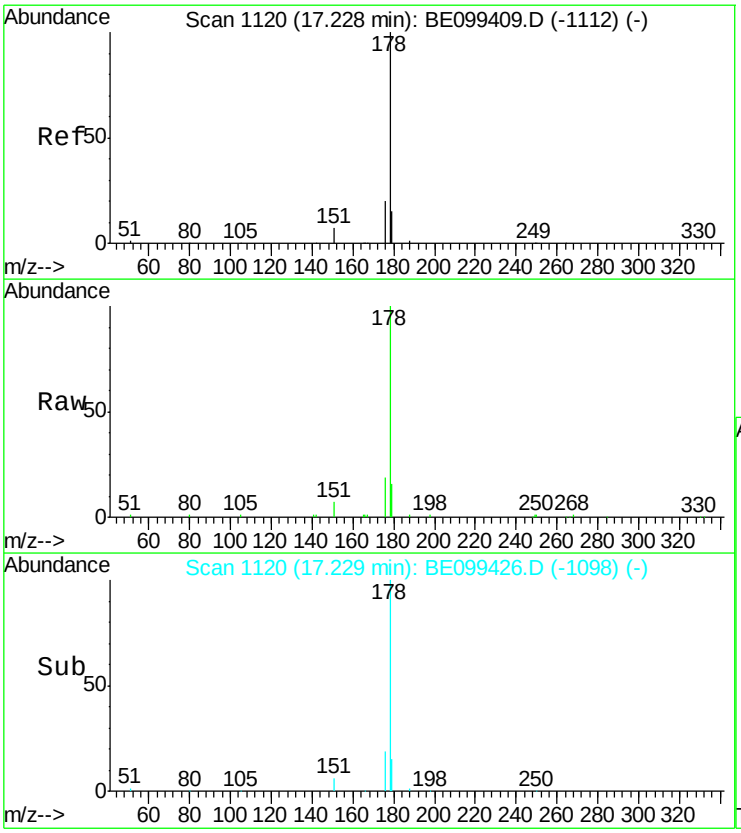
#22
Pentachlorophenol
Concen: 0.226 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
264	78.5	50.8	76.2#
268	89.2	50.5	75.7#

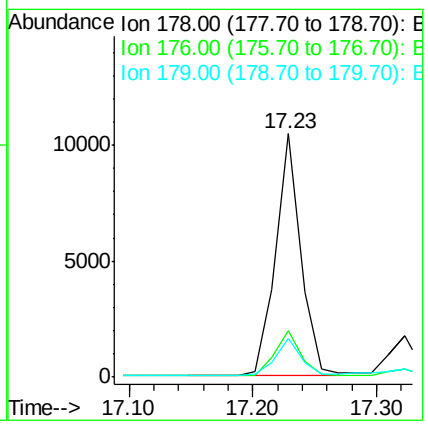


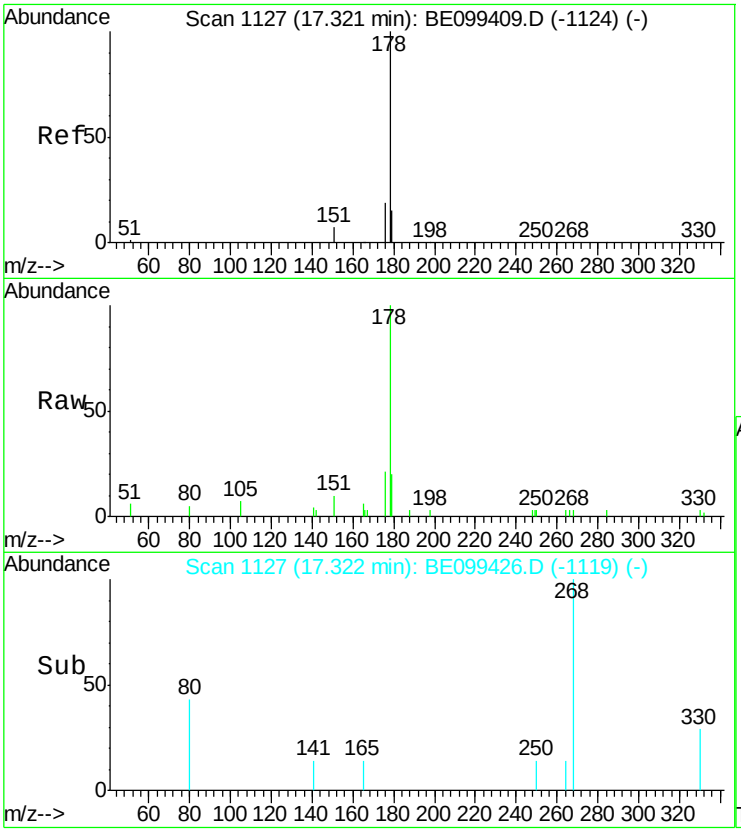


#23
Phenanthrene
Concen: 0.352 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:178 Resp: 14653

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.5	12.0	18.0



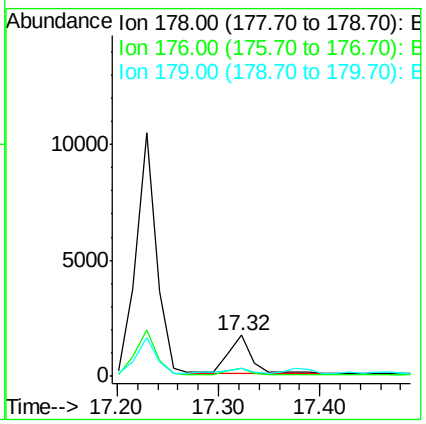


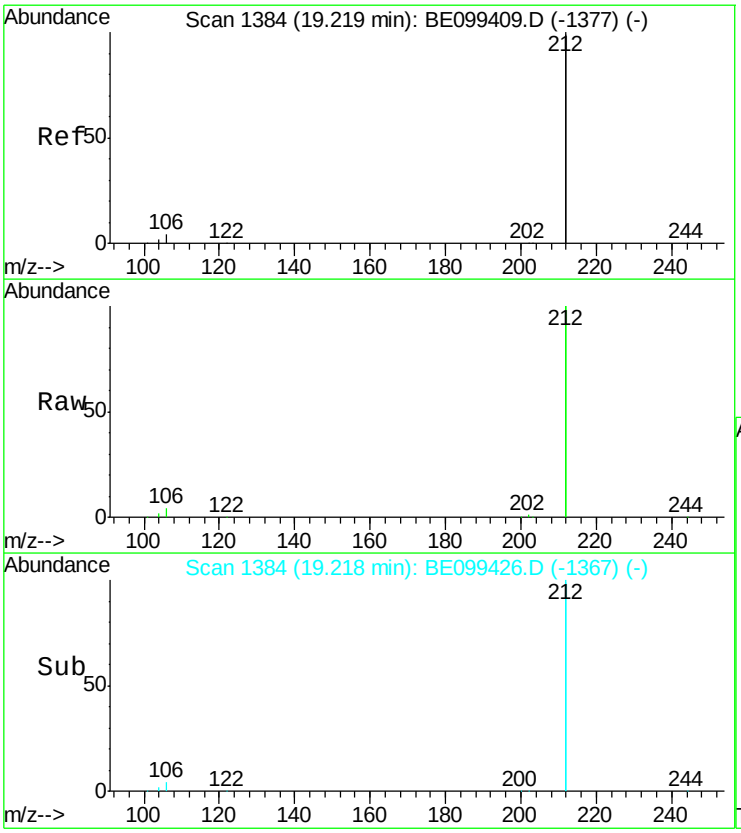
#24
Anthracene
Concen: 0.067 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:178 Resp: 2675

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	19.0	11.9	17.9#

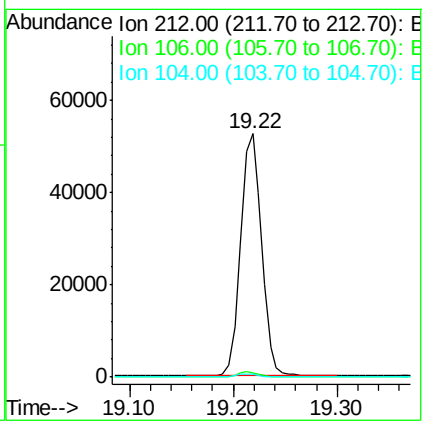


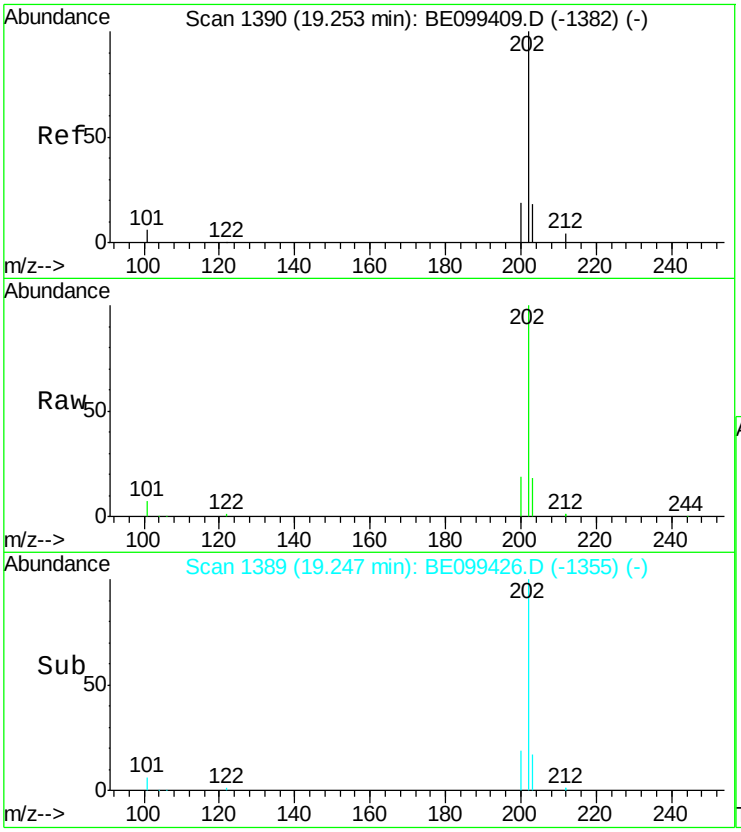


#25
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:212 Resp: 72961

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.5	2.3
104	1.1	0.9	1.3



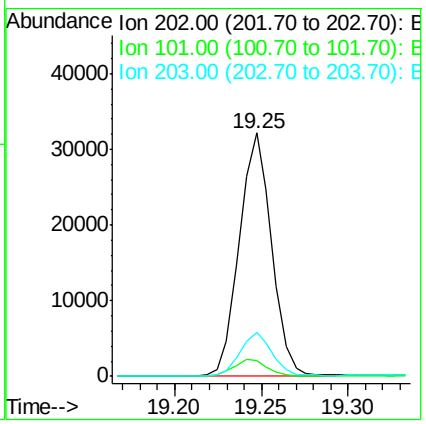


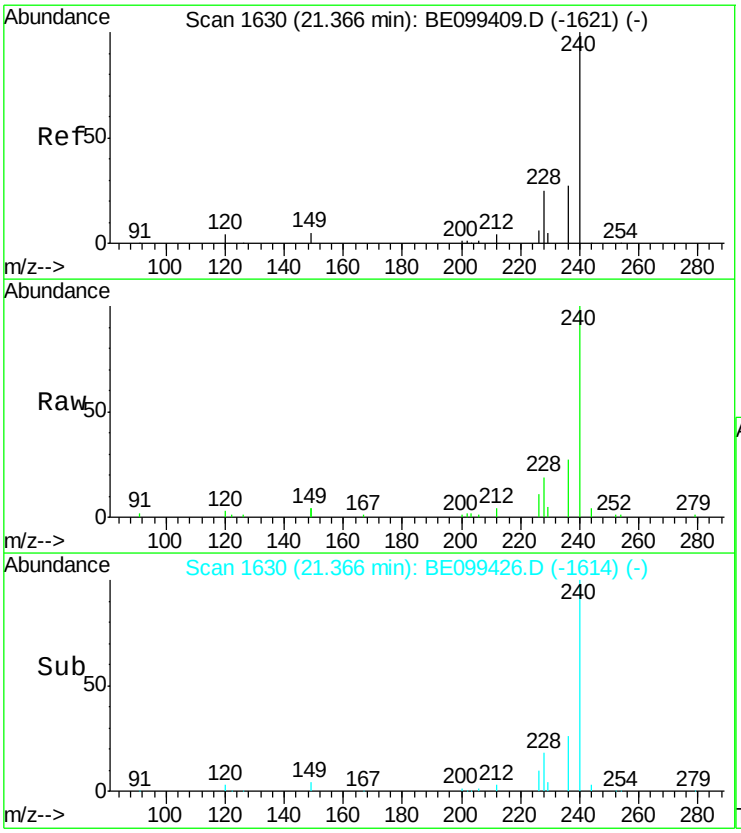
#26
Fluoranthene
Concen: 0.668 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:202 Resp: 41626

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	17.4	13.9	20.9

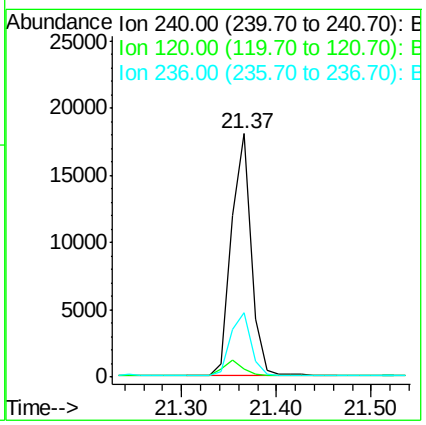


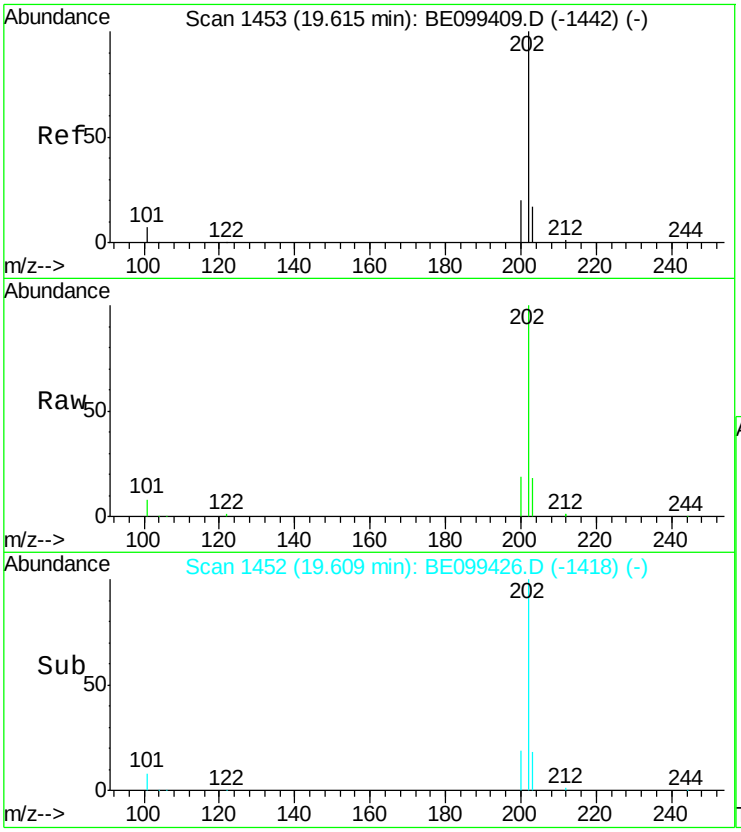


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:240 Resp: 26058

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.0	6.0#
236	26.6	22.0	33.0



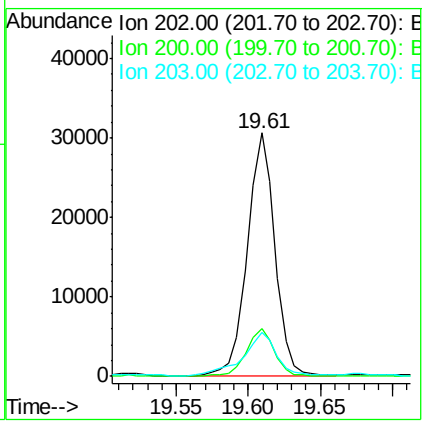


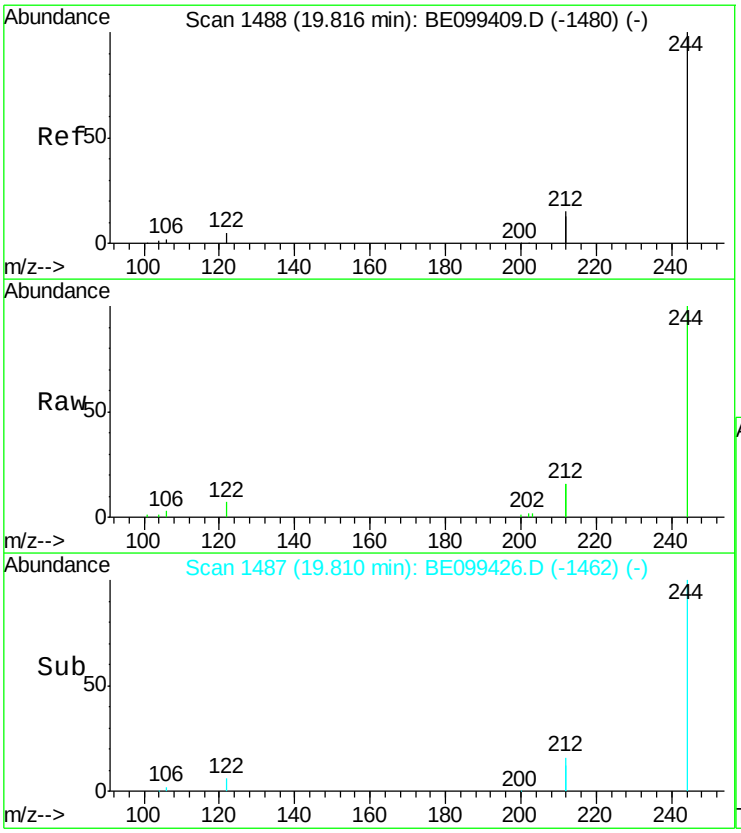
#28
Pyrene
Concen: 0.600 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:202 Resp: 40785

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.7	23.5
203	21.0	13.9	20.9#

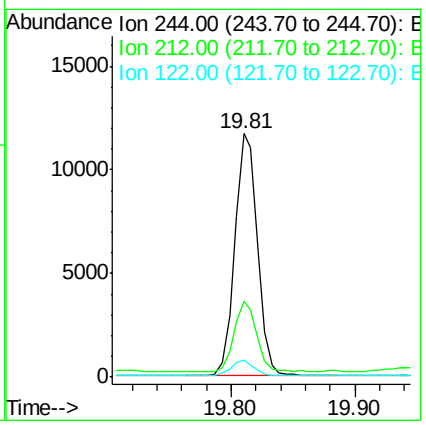


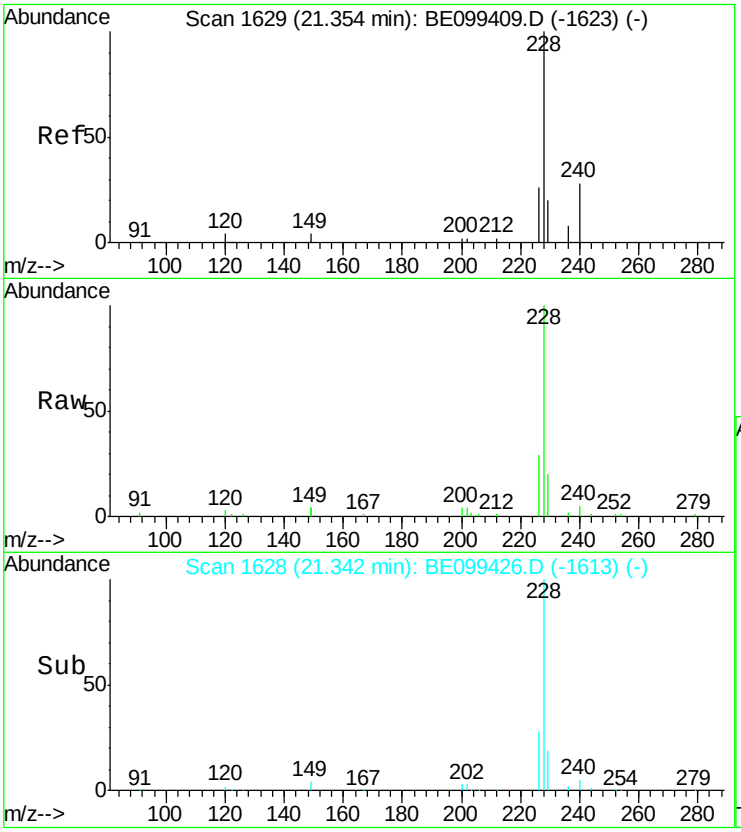


#29
Terphenyl-d14
Concen: 0.312 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:244 Resp: 14881

Ion	Ratio	Lower	Upper
244	100		
212	31.1	23.2	34.8
122	7.1	4.2	6.4#



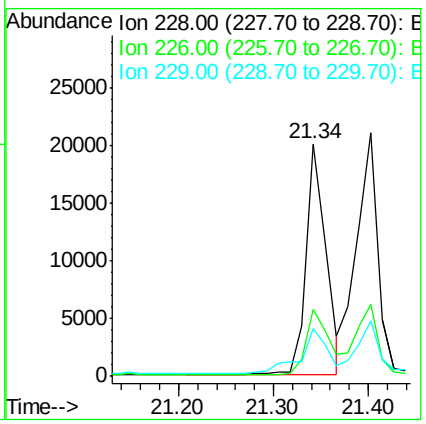


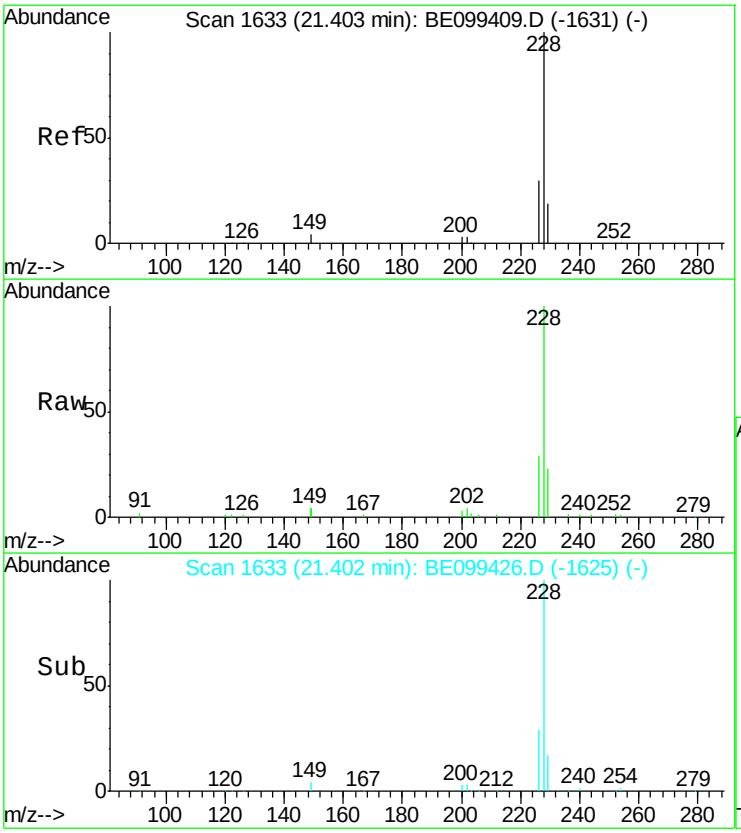
#30
Benzo(a)anthracene
Concen: 0.352 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:228 Resp: 29249

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.0	31.6
229	20.4	16.6	25.0

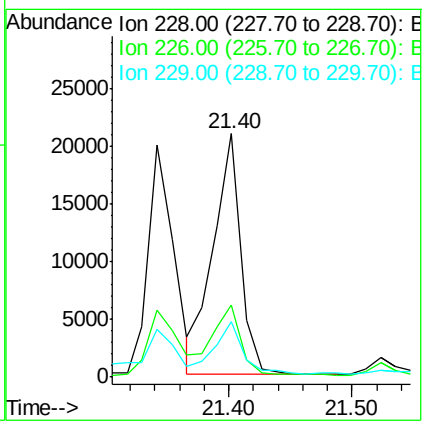


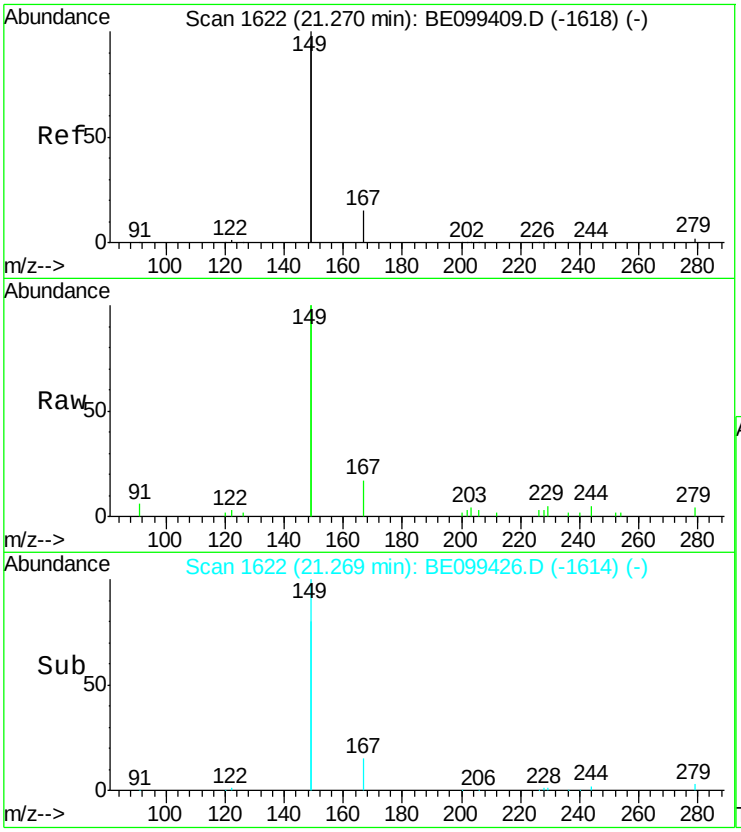


#31
Chrysene
Concen: 0.402 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:228 Resp: 32663

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	22.5	15.8	23.8



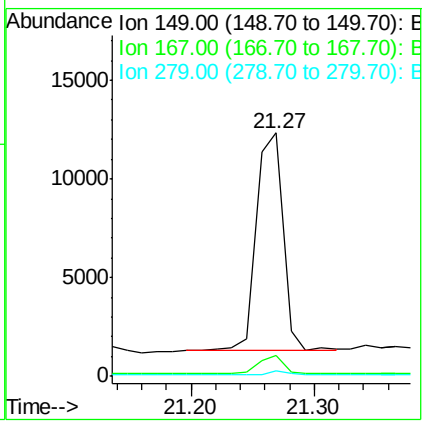


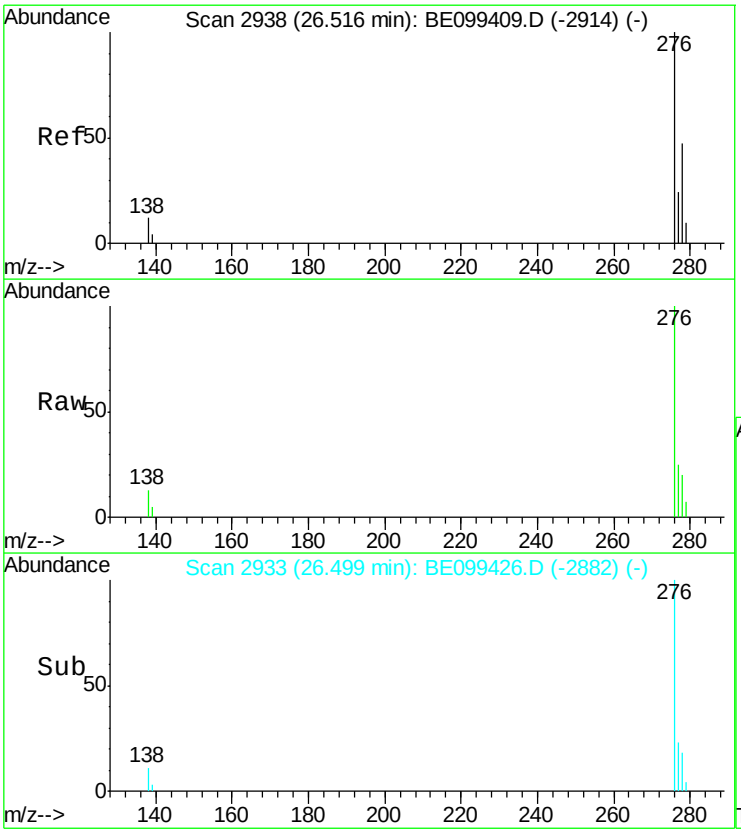
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.071 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:149 Resp: 16766

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.8	8.6
279	1.4	1.0	1.6

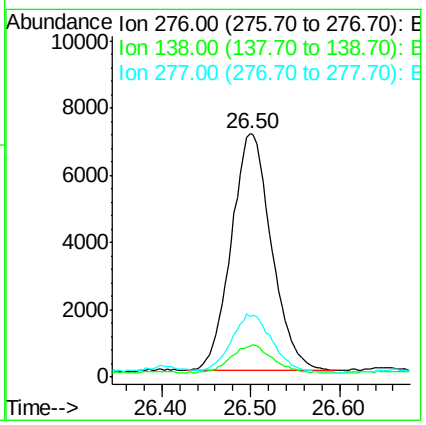


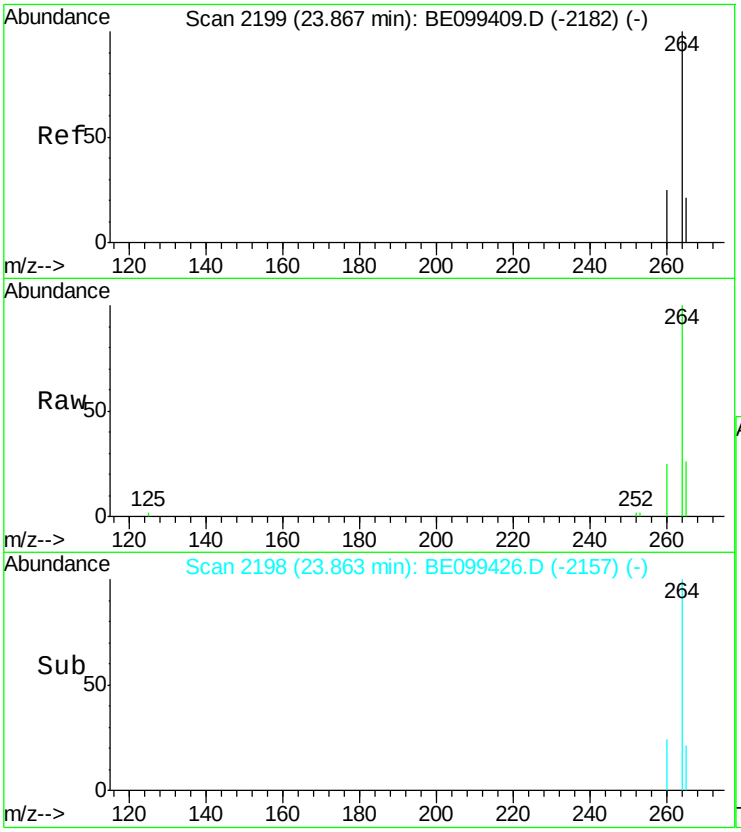


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng
RT: 26.50 min Scan# 2933
Delta R.T. -0.02 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:276 Resp: 22196

Ion	Ratio	Lower	Upper
276	100		
138	12.3	10.2	15.2
277	24.2	19.2	28.8



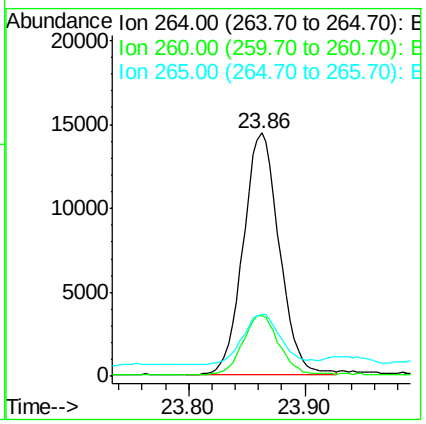


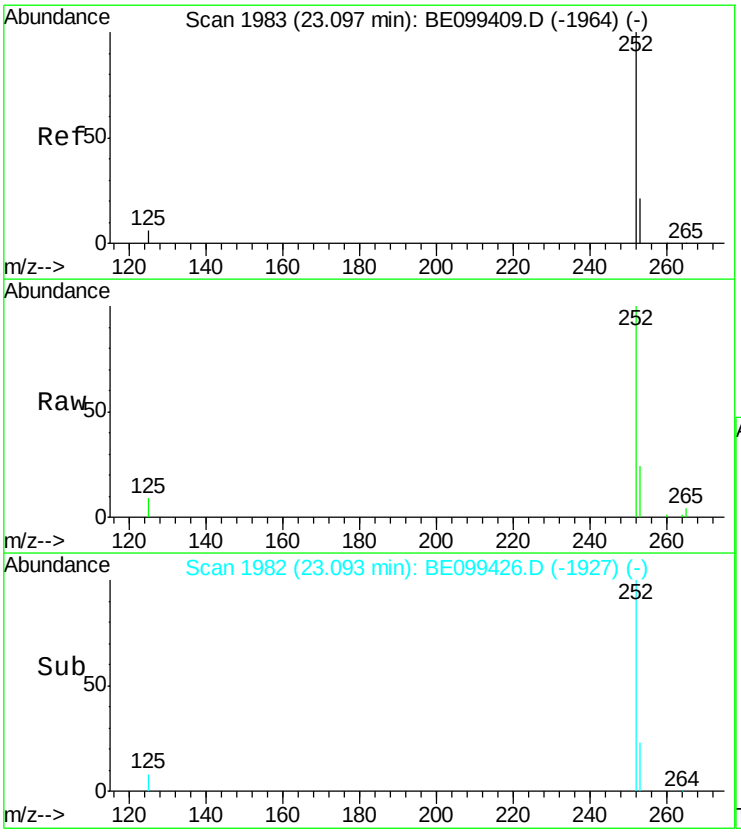
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:264 Resp: 30938

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	25.5	21.3	31.9

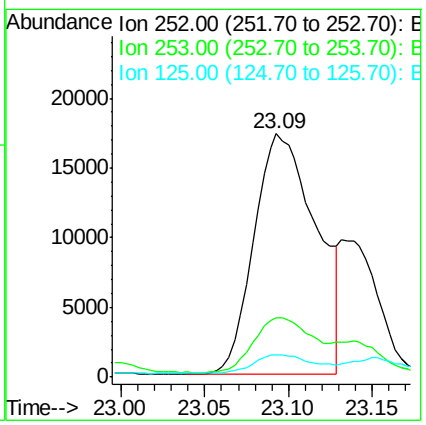


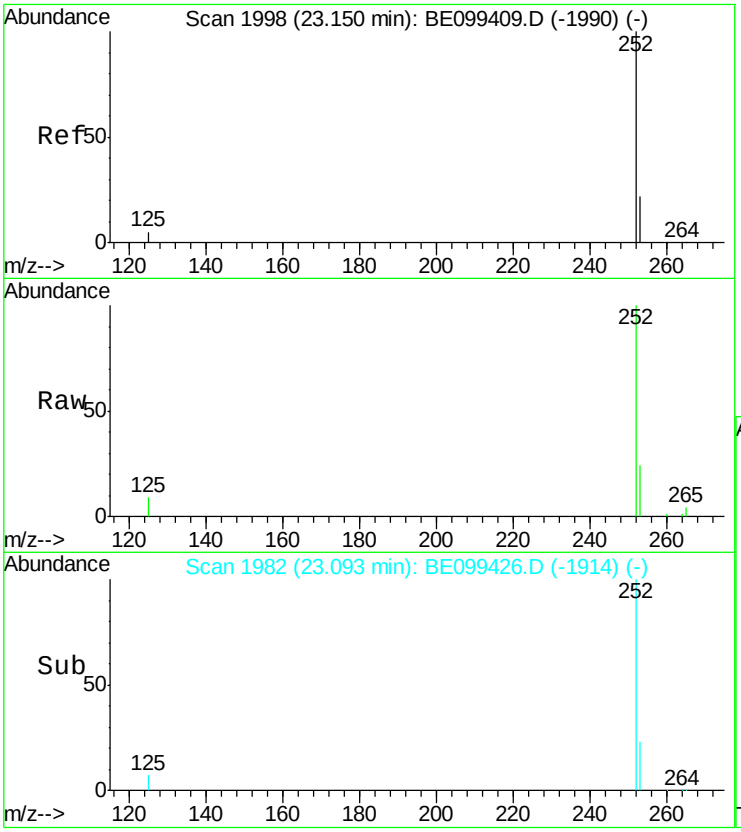


#35
Benzo(b)fluoranthene
Concen: 0.501 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:252 Resp: 44712

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	9.2	5.6	8.4#



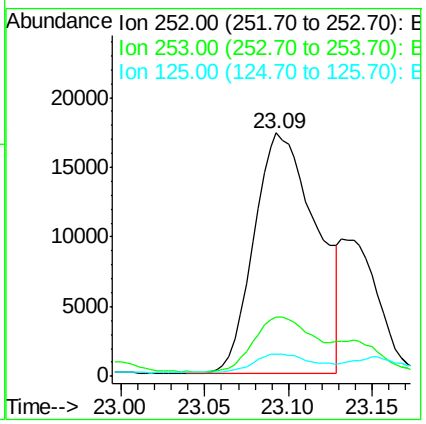


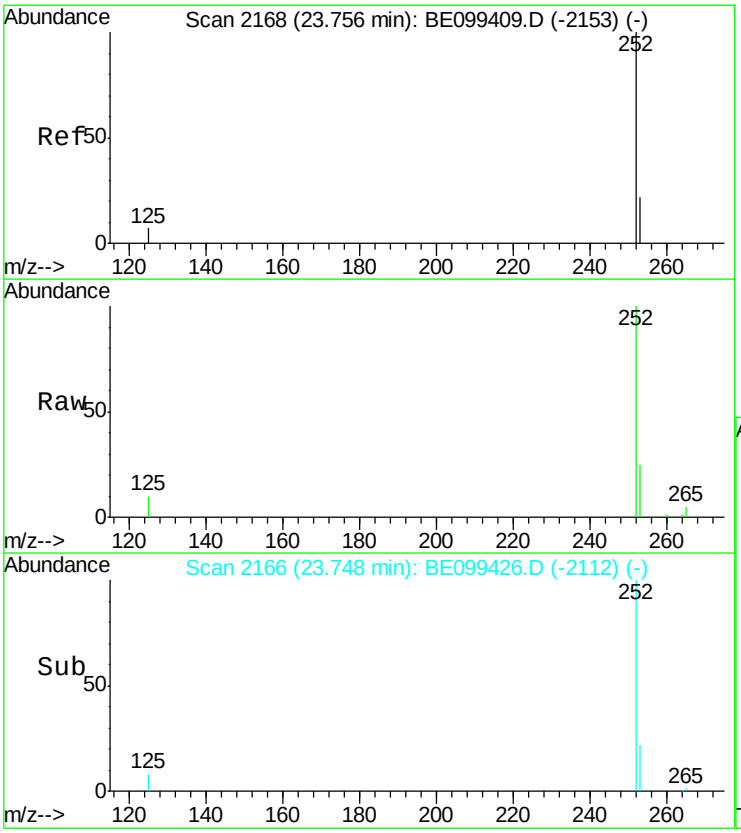
#36
Benzo(k)fluoranthene
Concen: 0.520 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:252 Resp: 44712

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	9.2	5.0	7.4#

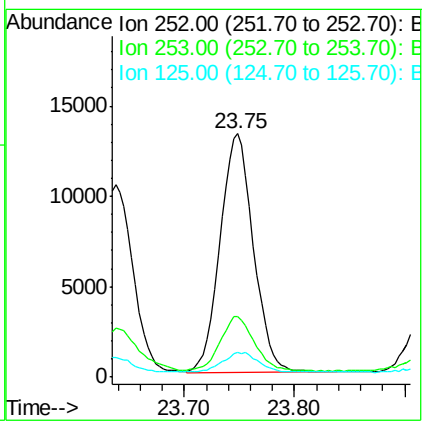


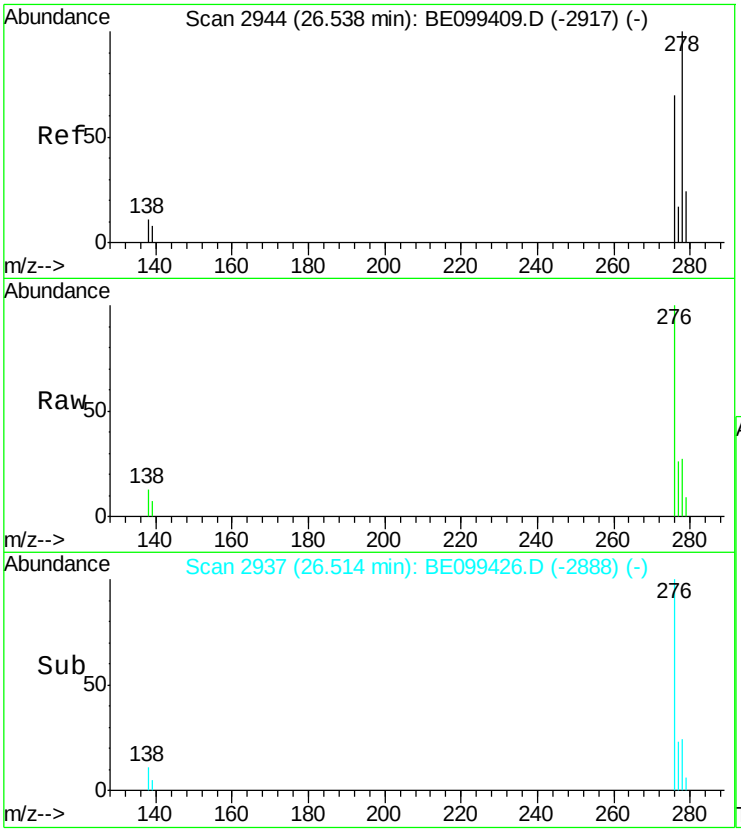


#37
Benzo(a)pyrene
Concen: 0.331 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:252 Resp: 27943

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	10.0	6.7	10.1



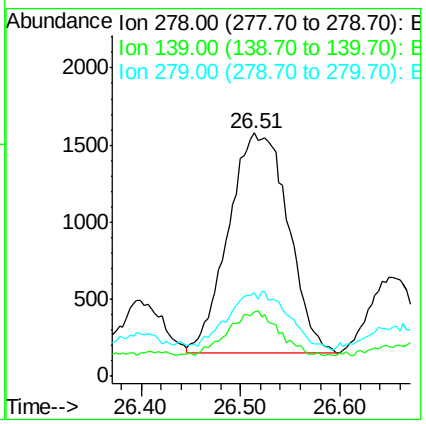


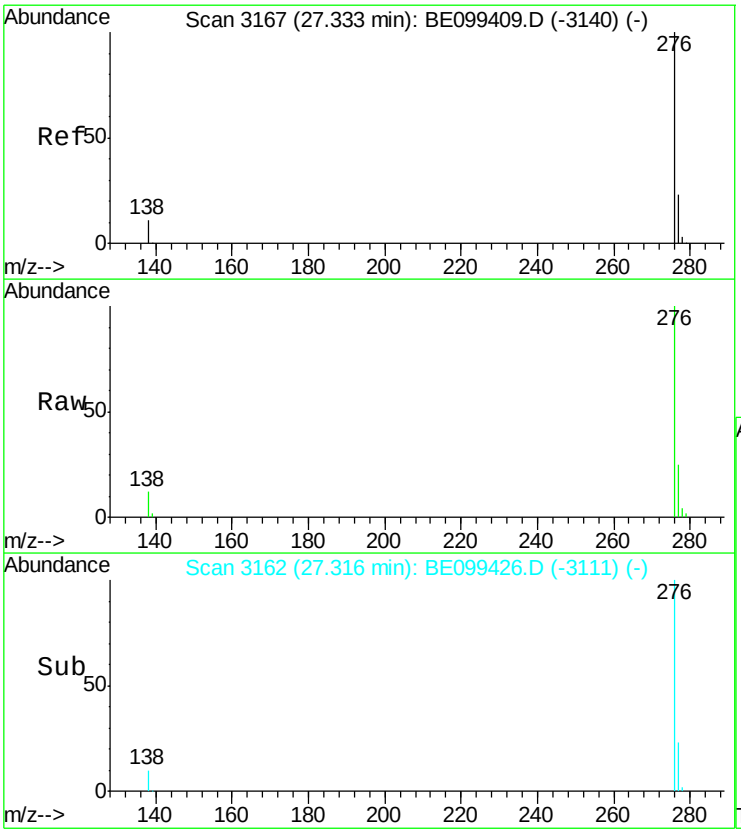
#38
Dibenzo(a,h)anthracene
Concen: 0.069 ng
RT: 26.51 min Scan# 2937
Delta R.T. -0.02 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Instrument :
BNA_E
ClientSampleId :
PST-004-B165-042319

Tgt Ion:278 Resp: 5942

Ion	Ratio	Lower	Upper
278	100		
139	26.5	7.7	11.5#
279	34.1	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.253 ng
RT: 27.32 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BE099426.D
Acq: 30 Apr 2019 14:57

Tgt Ion:276 Resp: 21859

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	12.4	9.6	14.4