Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
Data File : BE099126.D
Acq On : 24 Mar 2019 00:36
Operator : JU/SJ
Sample : K2014-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW044-031919

Quant Time: Mar 24 03:48:37 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	3236	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13170	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9286	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	28470	0.40	ng		0.00
27) Chrysene-d12	21.38	240	39319	0.40	ng		-0.01
34) Perylene-d12	23.89	264	42286	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	3355	0.35	ng		0.00
5) Phenol-d6	6.99	99	4711	0.34	ng		0.00
8) Nitrobenzene-d5	8.99	82	3345	0.58	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	7241	0.31	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1476	0.54	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	11574	0.31	ng		-0.01
25) Fluoranthene-d10	19.24	212	125650	0.33	ng		0.00
29) Terphenyl-d14	19.83	244	25368	0.30	ng		0.00
Target Compounds							Qvalue
23) Phenanthrene	17.26	178	3187	0.038	ng	#	92
26) Fluoranthene	19.27	202	6036	0.051	ng	#	96
28) Pyrene	19.63	202	7115	0.053	ng		96
30) Benzo(a)anthracene	21.37	228	3425	0.025	ng	#	90
31) Chrysene	21.43	228	4332	0.031	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.29	149	17191	0.096	ng		99
35) Benzo(b)fluoranthene	23.12	252	4967	0.034	ng	#	61
37) Benzo(a)pyrene	23.78	252	3480	0.026	ng	#	67
39) Benzo(g,h,i)perylene	27.37	276	2802	0.021	ng	#	79

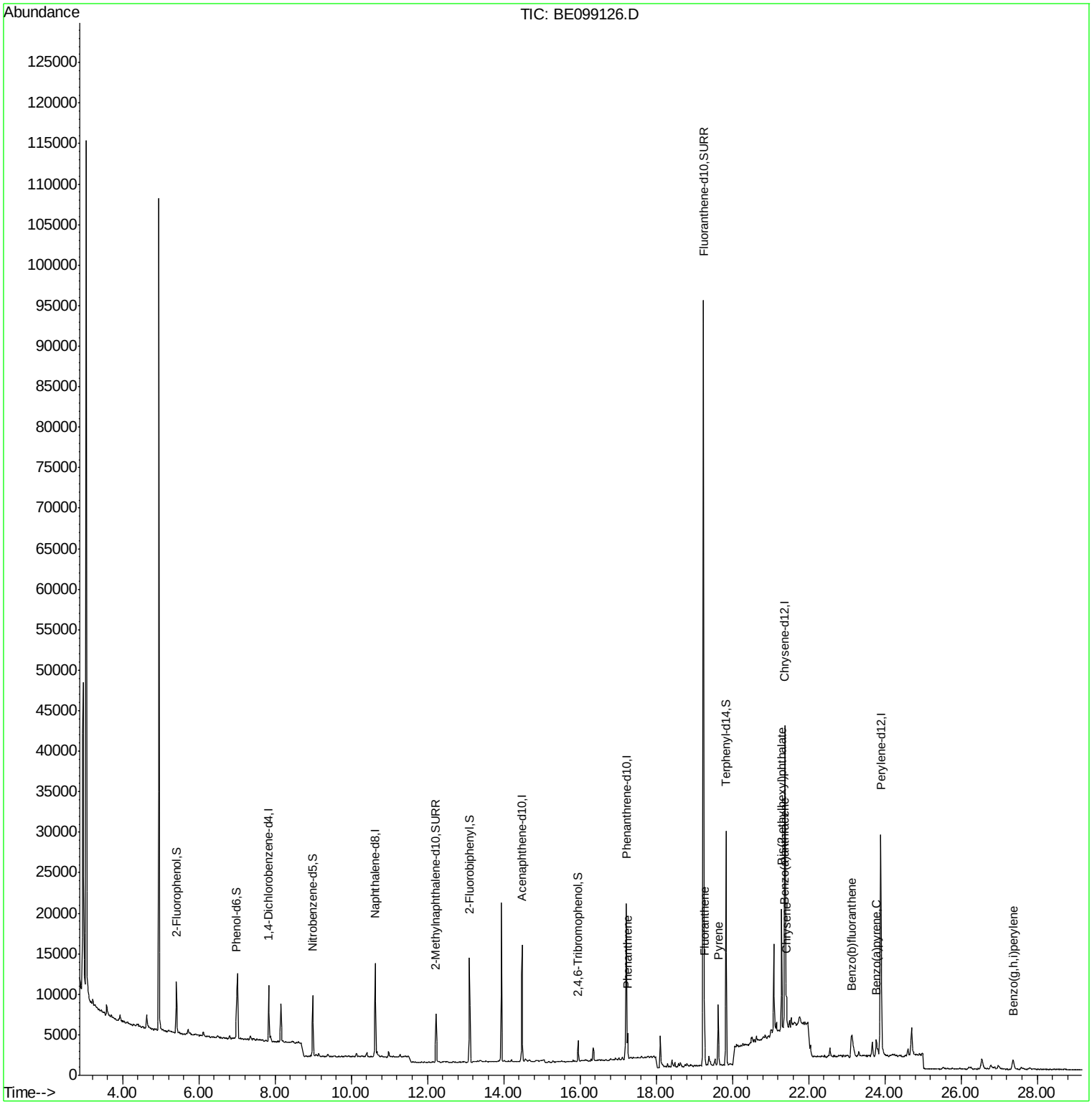
(#) = qualifier out of range (m) = manual integration (+) = signals summed

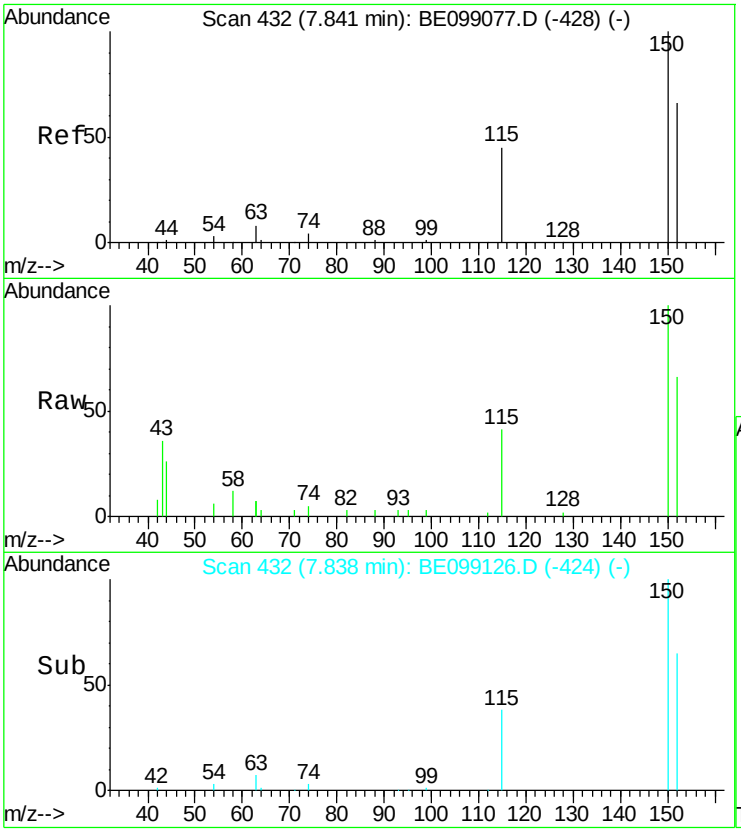
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
Data File : BE099126.D
Acq On : 24 Mar 2019 00:36
Operator : JU/SJ
Sample : K2014-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Quant Time: Mar 24 03:48:37 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



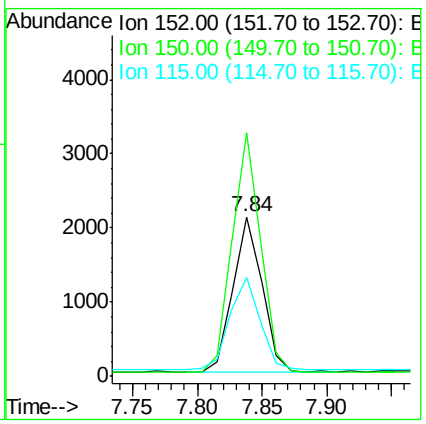


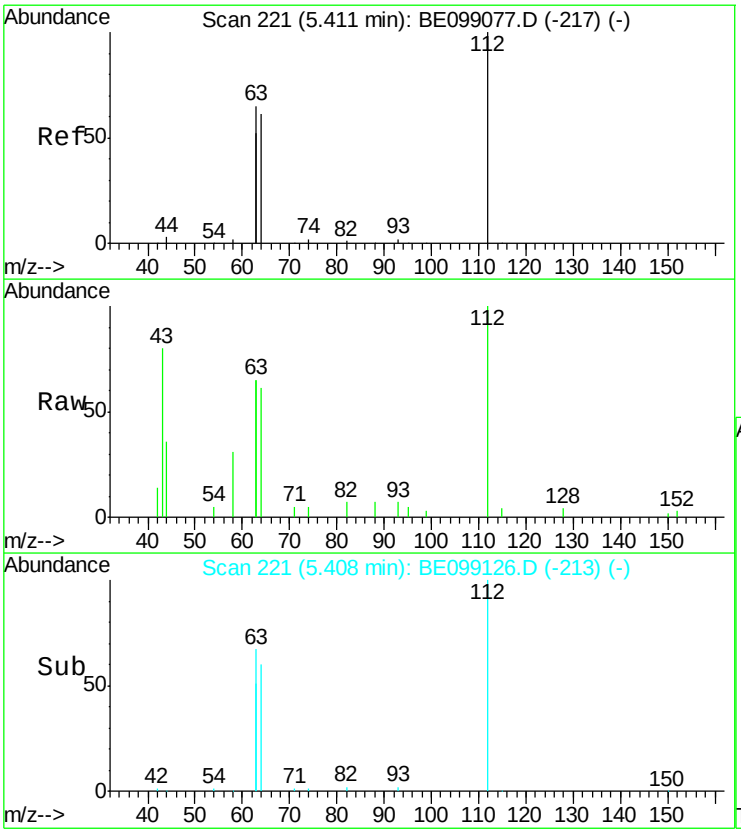
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:152 Resp: 3236

Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.5	183.7
115	61.7	57.4	86.2

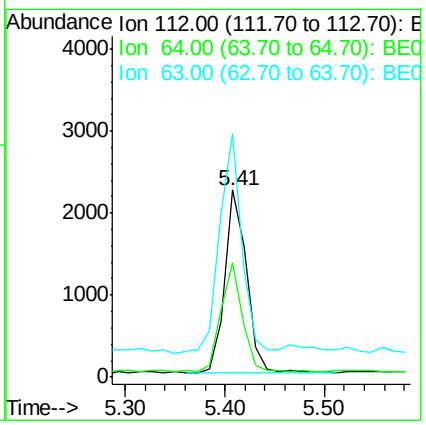


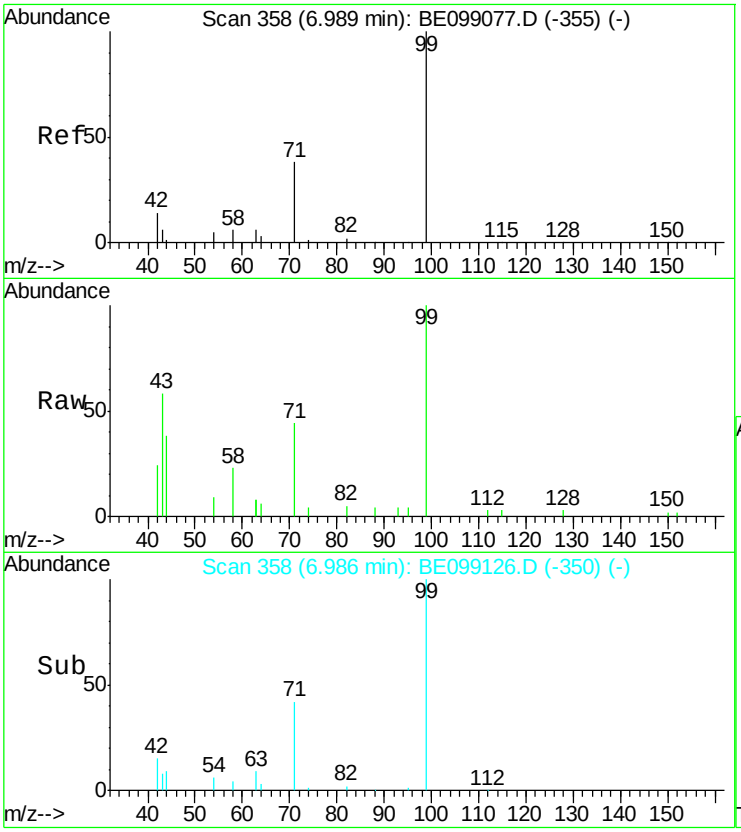


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:112 Resp: 3355

Ion	Ratio	Lower	Upper
112	100		
64	58.8	57.9	86.9
63	123.0	158.3	237.5#



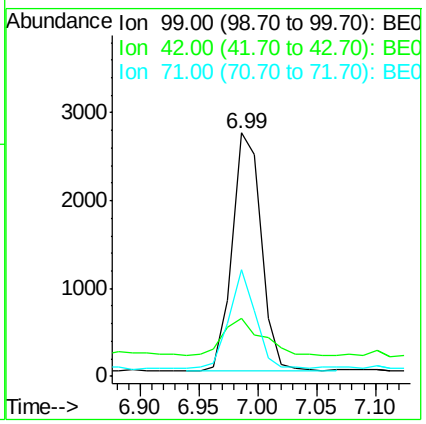


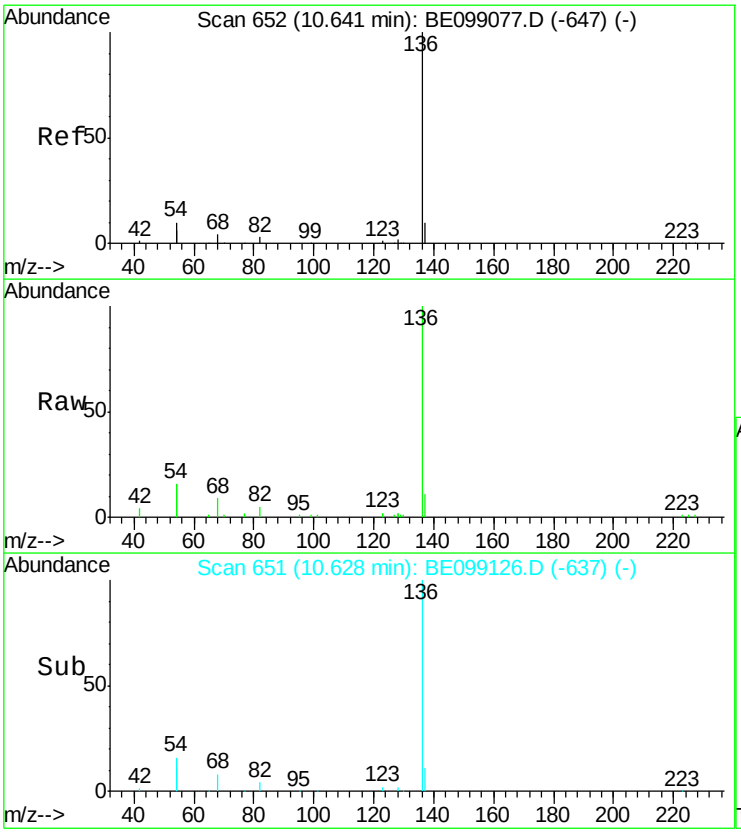
#5
Phenol-d6
Concen: 0.340 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion: 99 Resp: 4711

Ion	Ratio	Lower	Upper
99	100		
42	20.8	24.2	36.2#
71	36.8	35.7	53.5

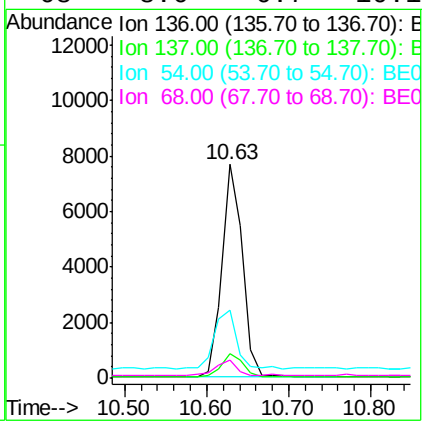


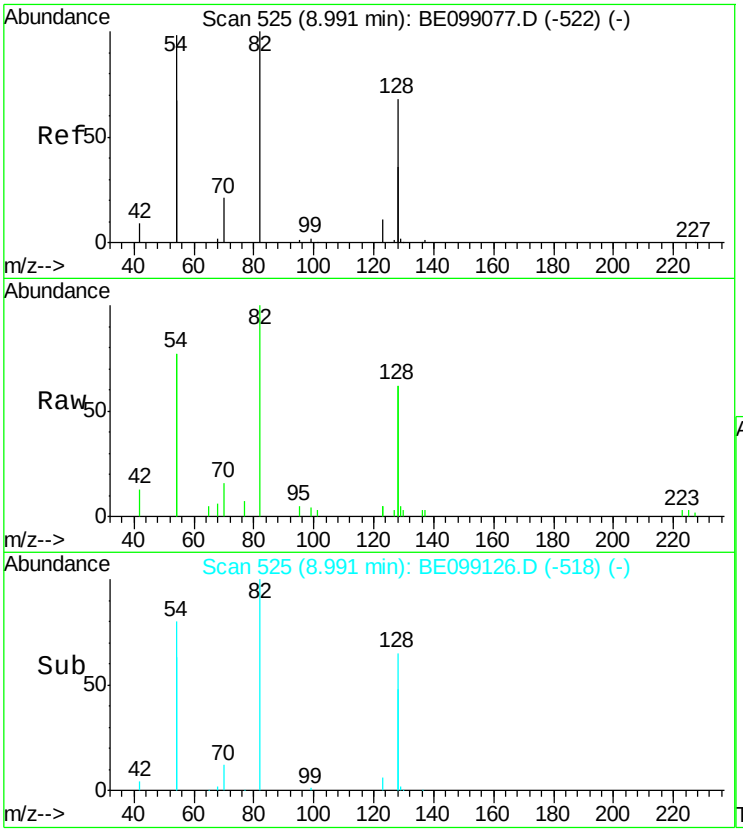


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:136 Resp: 13170

Ion	Ratio	Lower	Upper
136	100		
137	11.3	11.4	17.0#
54	31.7	39.3	58.9#
68	8.6	6.7	10.1



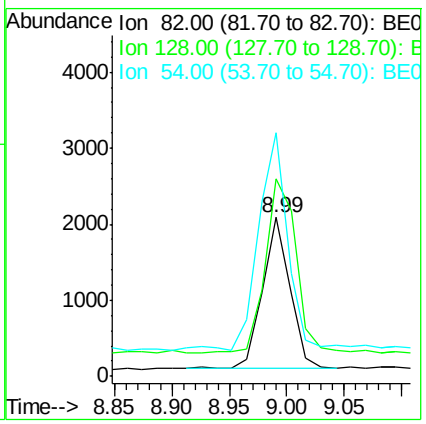


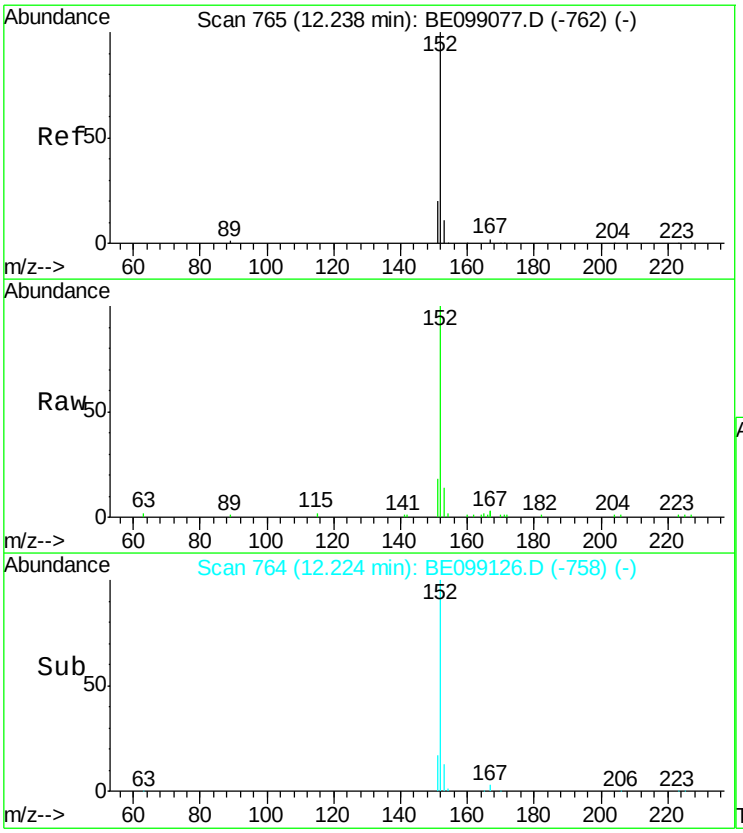
#8
Nitrobenzene-d5
Concen: 0.581 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion: 82 Resp: 3345

Ion	Ratio	Lower	Upper
82	100		
128	124.0	123.8	185.8
54	153.1	203.4	305.2#

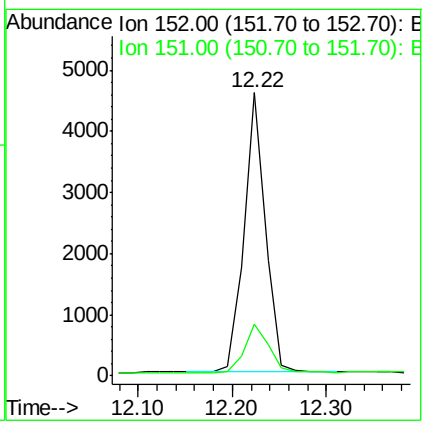


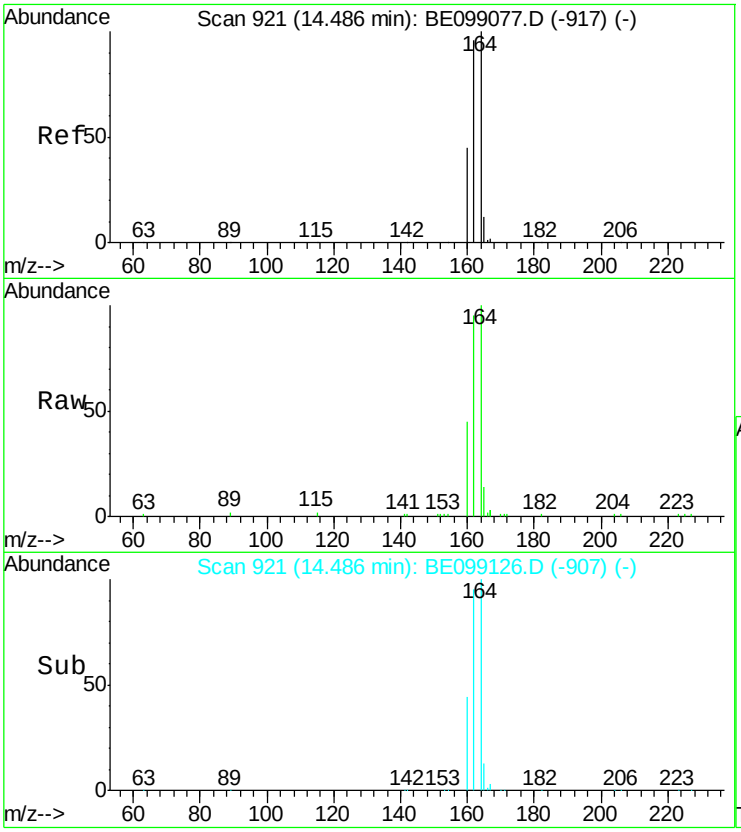


#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:152 Resp: 7241

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.5	24.7



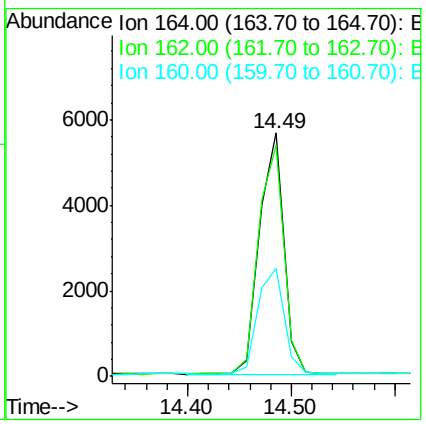


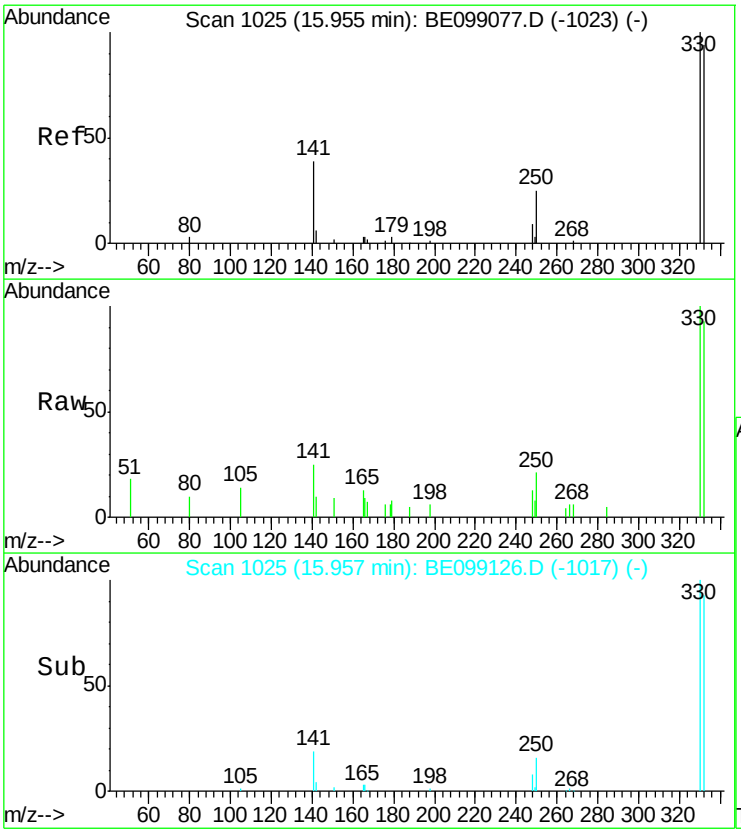
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:164 Resp: 9286

Ion	Ratio	Lower	Upper
164	100		
162	94.9	80.2	120.2
160	44.6	37.8	56.8

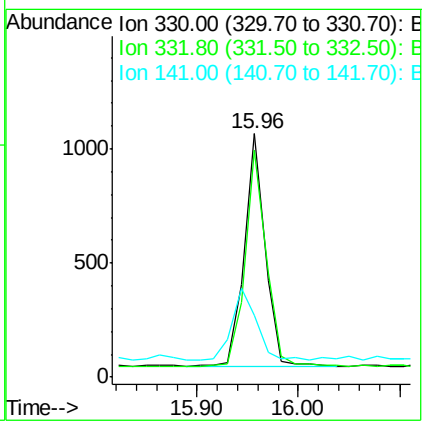


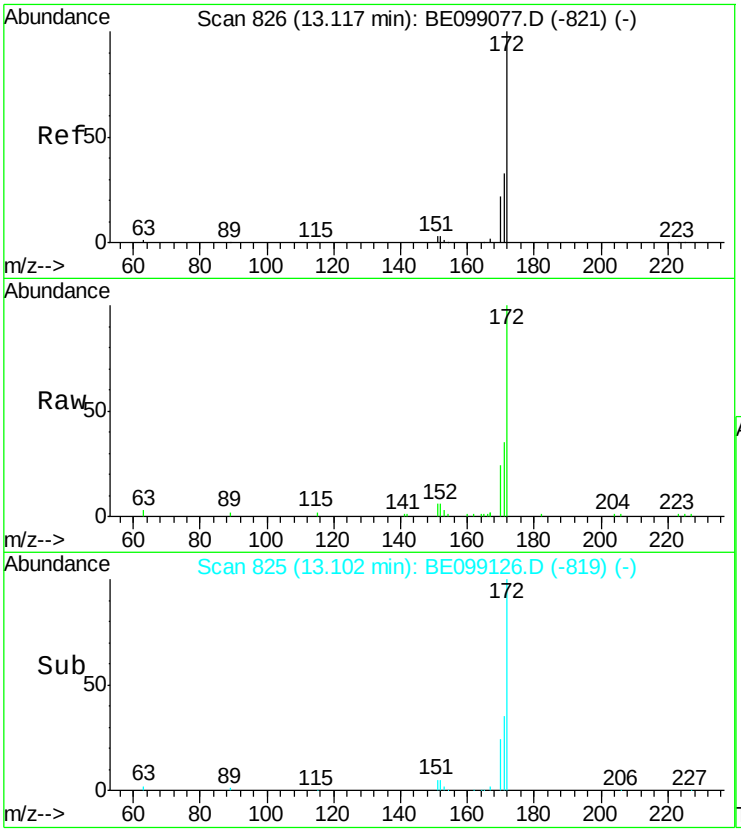


#14
2,4,6-Tribromophenol
Concen: 0.541 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:330 Resp: 1476

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	35.7	31.0	46.4



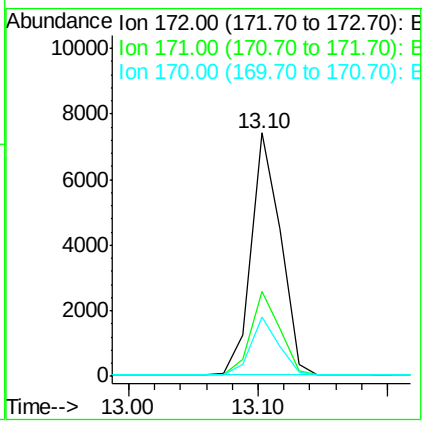


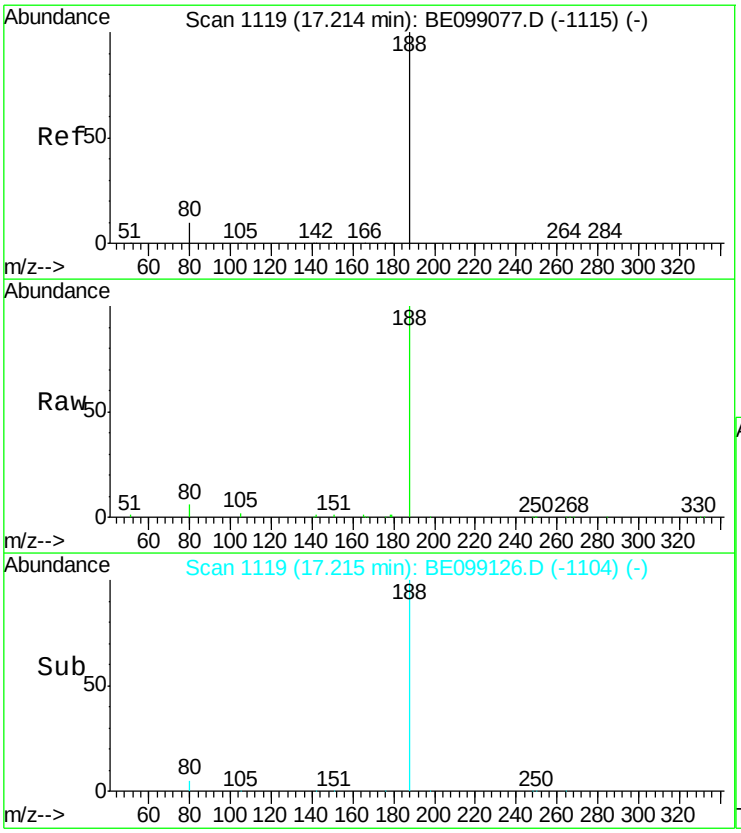
#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:172 Resp: 11574

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	24.3	17.7	26.5

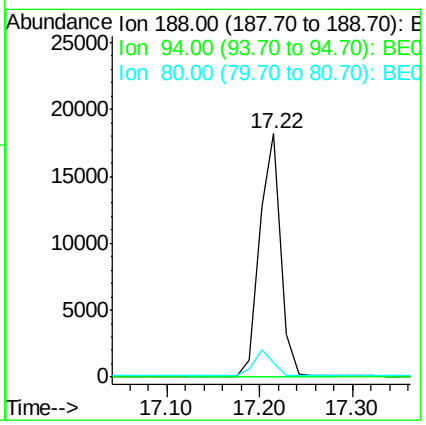


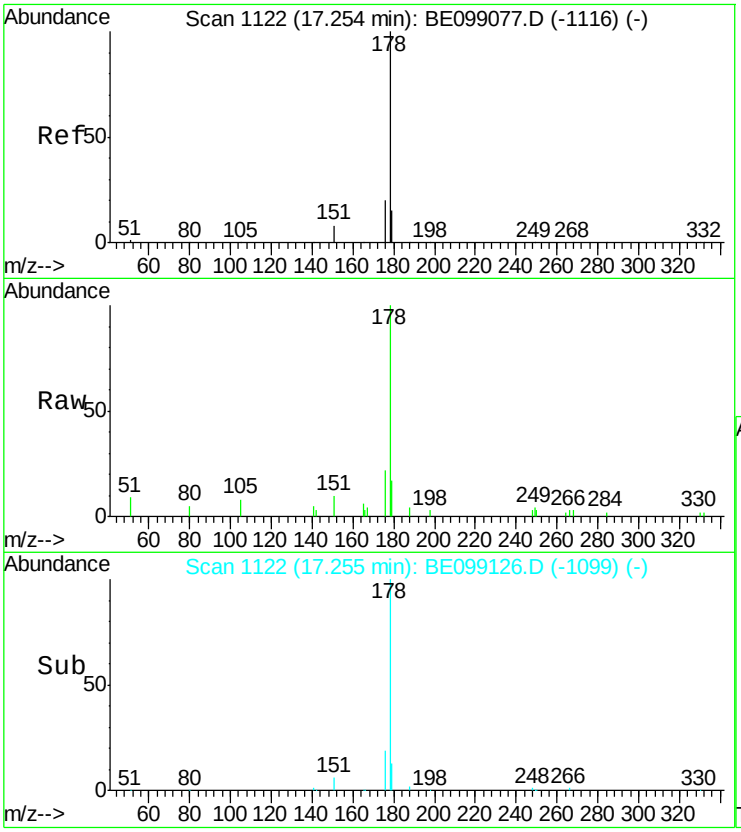


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:188 Resp: 28470

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	6.3	9.5#



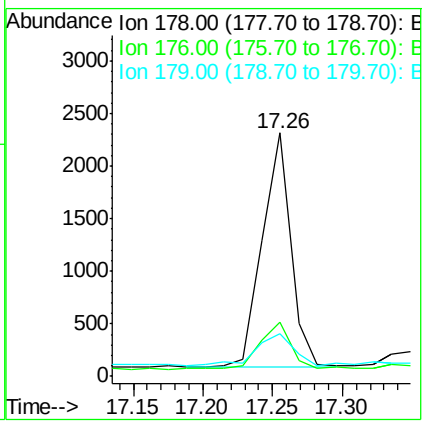


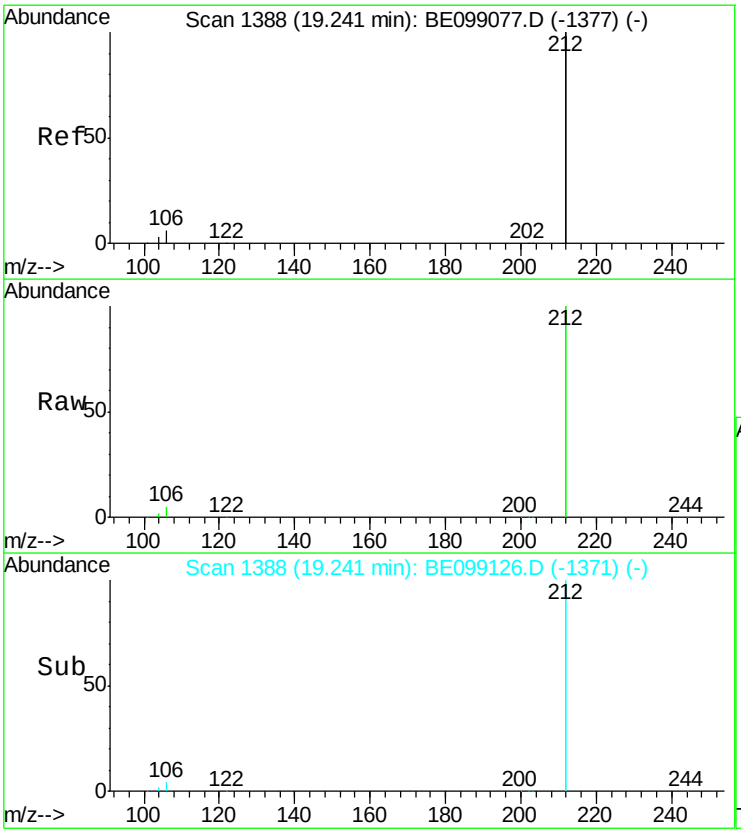
#23
Phenanthrene
Concen: 0.038 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:178 Resp: 3187

Ion	Ratio	Lower	Upper
178	100		
176	23.9	16.0	24.0
179	18.4	12.1	18.1#

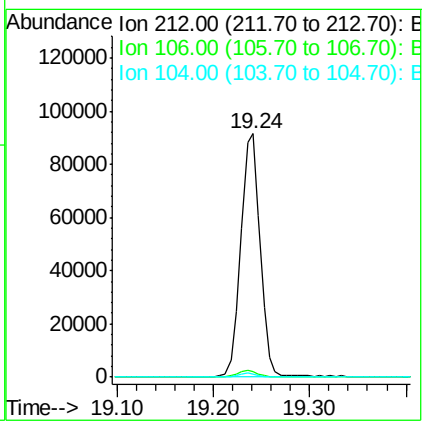


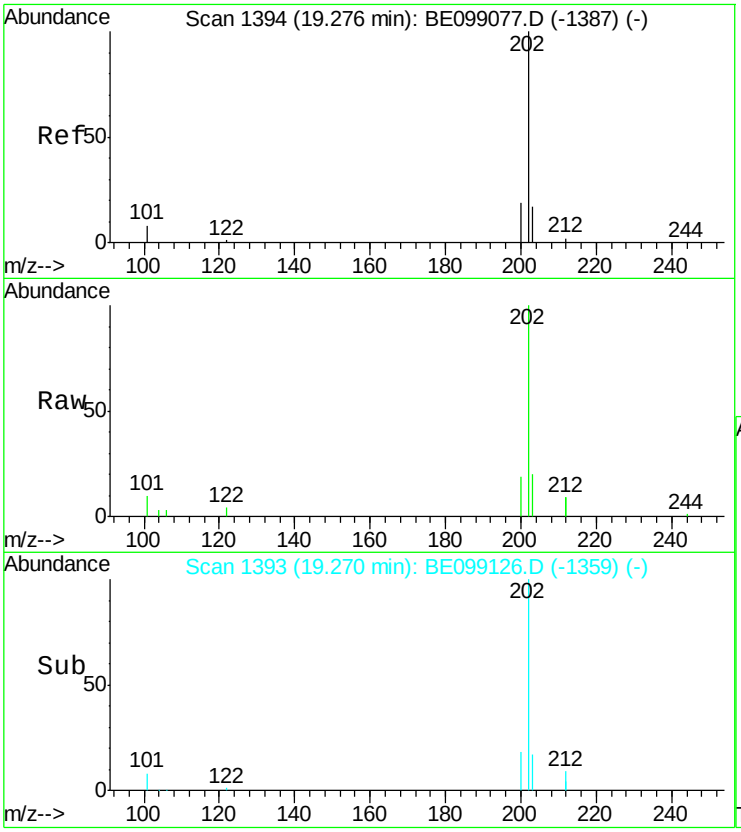


#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:212 Resp: 125650

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.4	1.0	1.6



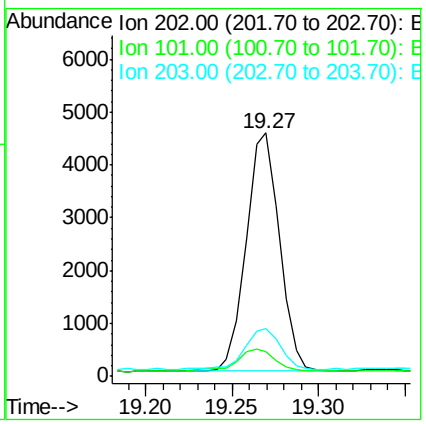


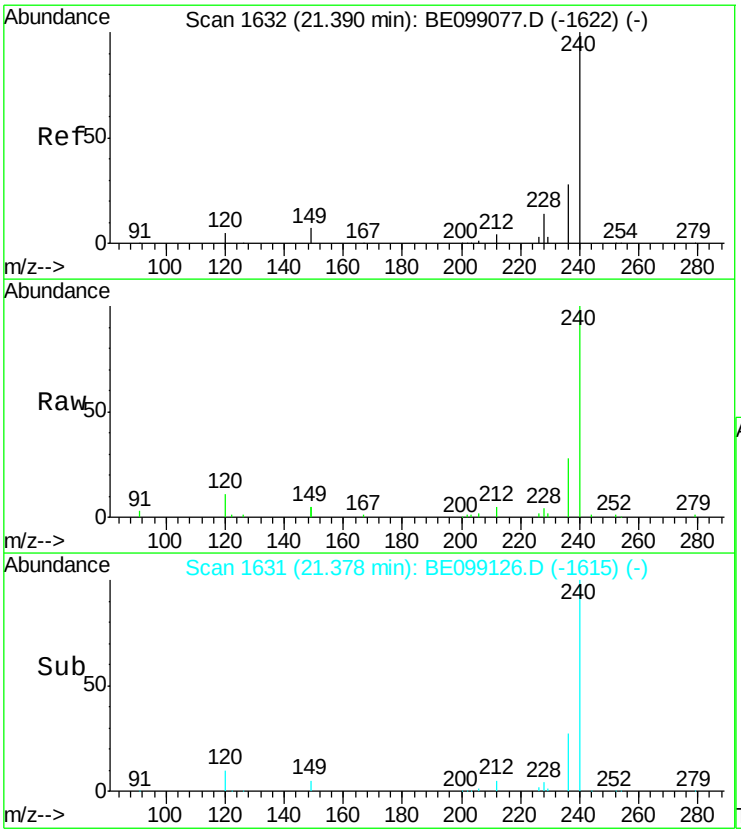
#26
Fluoranthene
Concen: 0.051 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:202 Resp: 6036

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.3	10.9#
203	18.5	13.4	20.2

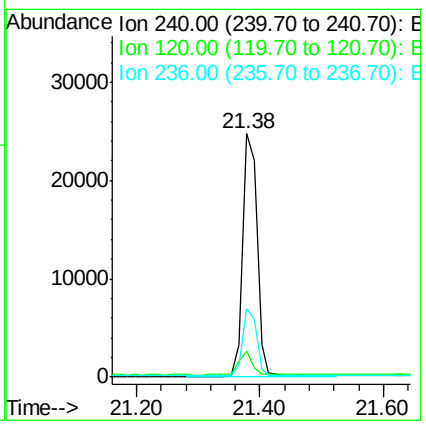


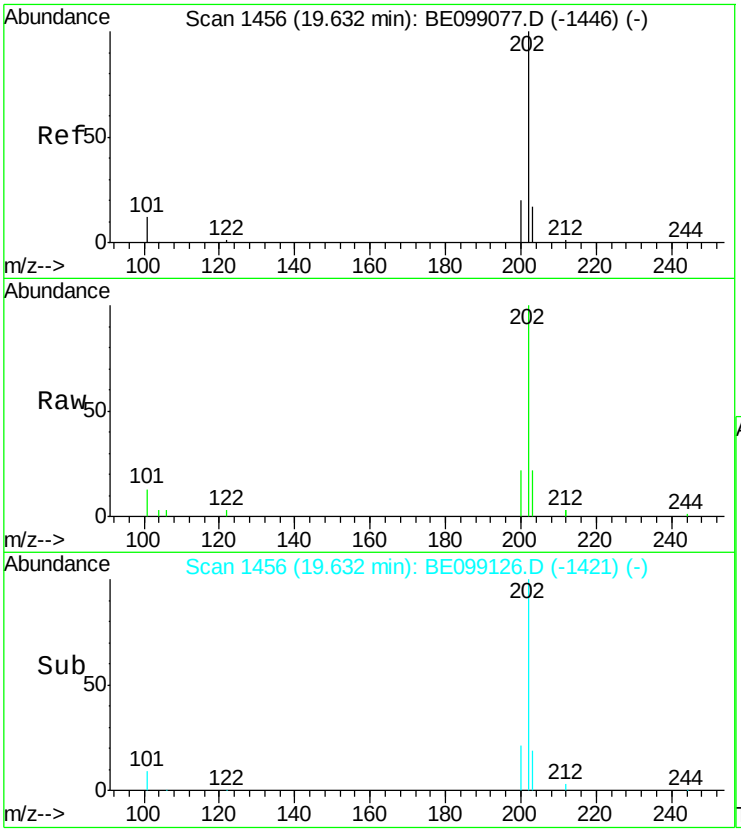


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:240 Resp: 39319

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.0	7.4#
236	27.9	22.7	34.1



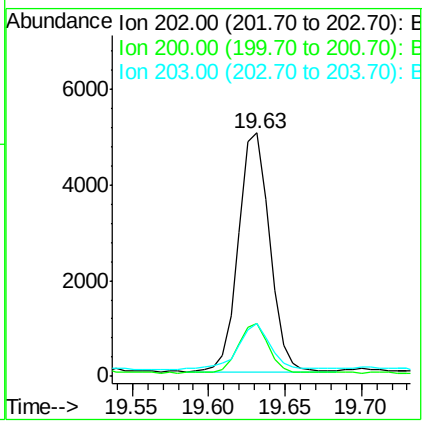


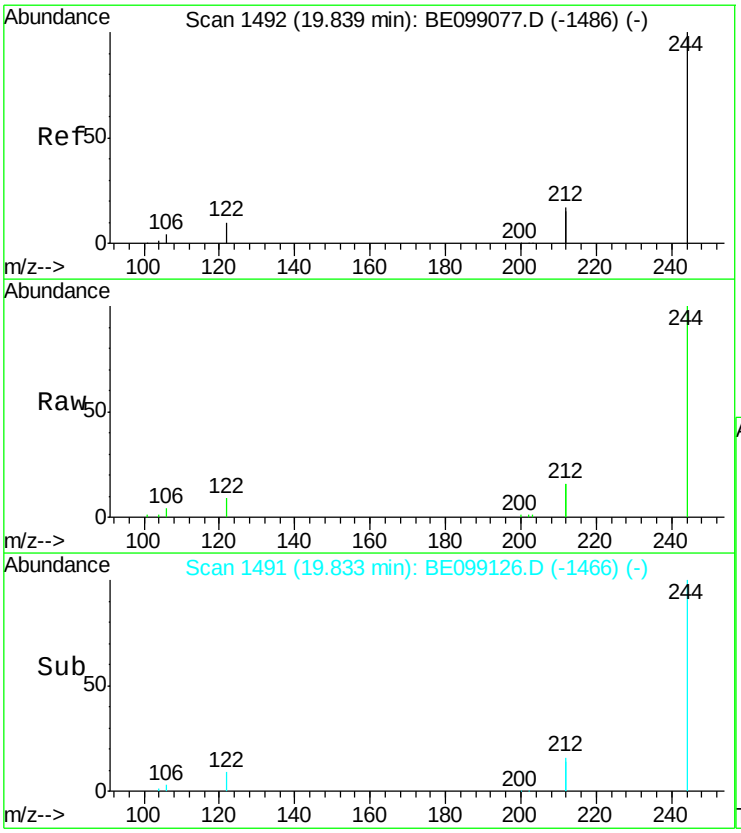
#28
Pyrene
Concen: 0.053 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:202 Resp: 7115

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	20.3	14.2	21.2

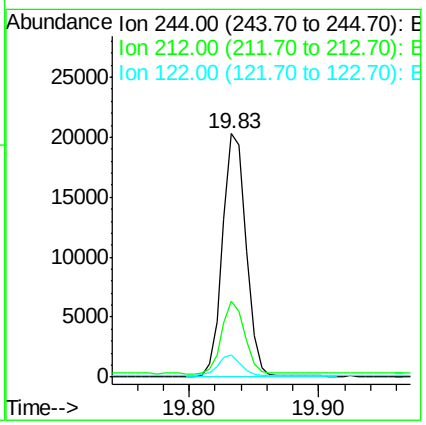


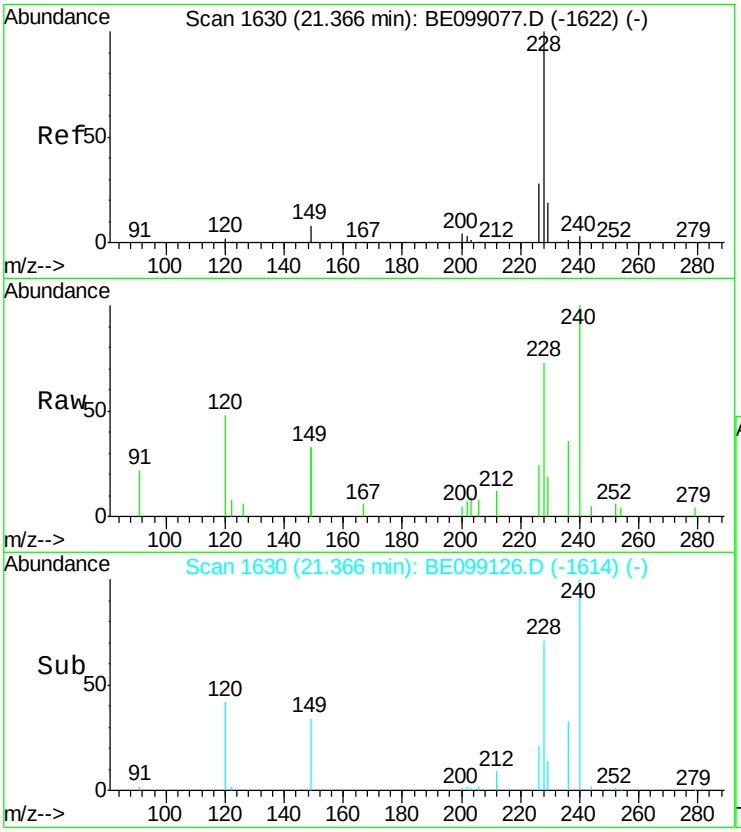


#29
Terphenyl-d14
Concen: 0.305 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:244 Resp: 25368

Ion	Ratio	Lower	Upper
244	100		
212	31.1	29.4	44.2
122	9.2	7.1	10.7



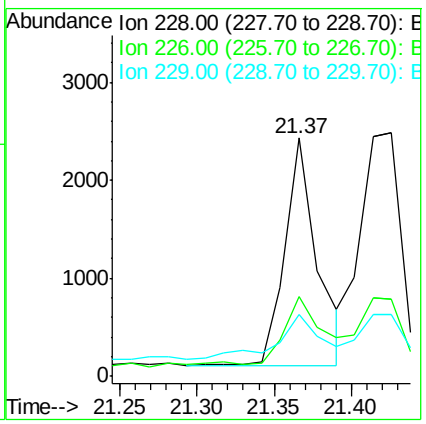


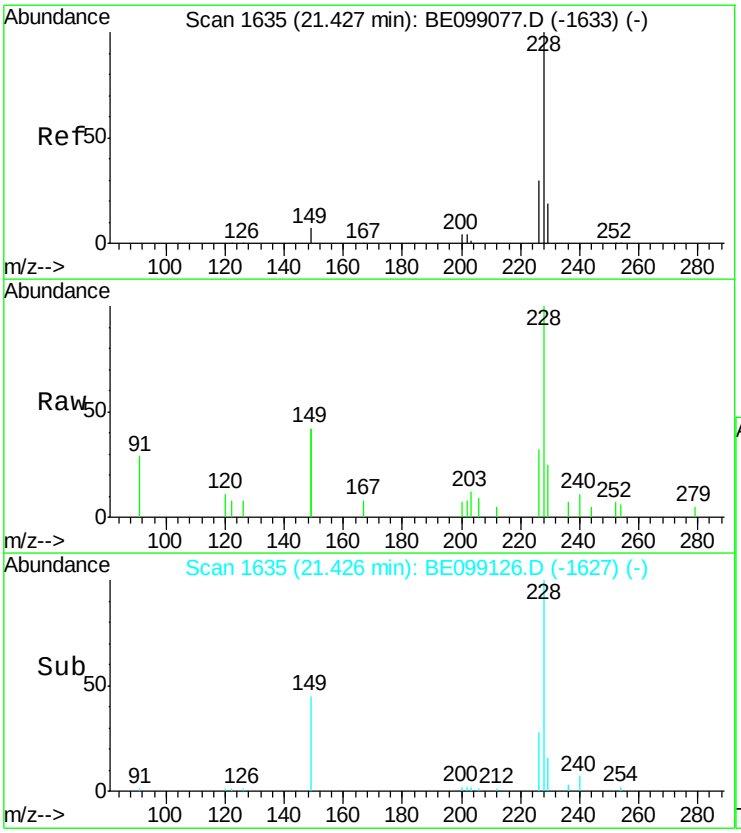
#30
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:228 Resp: 3425

Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.0	34.4
229	25.9	16.5	24.7#

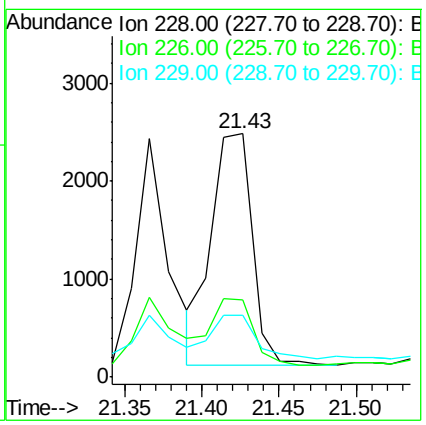


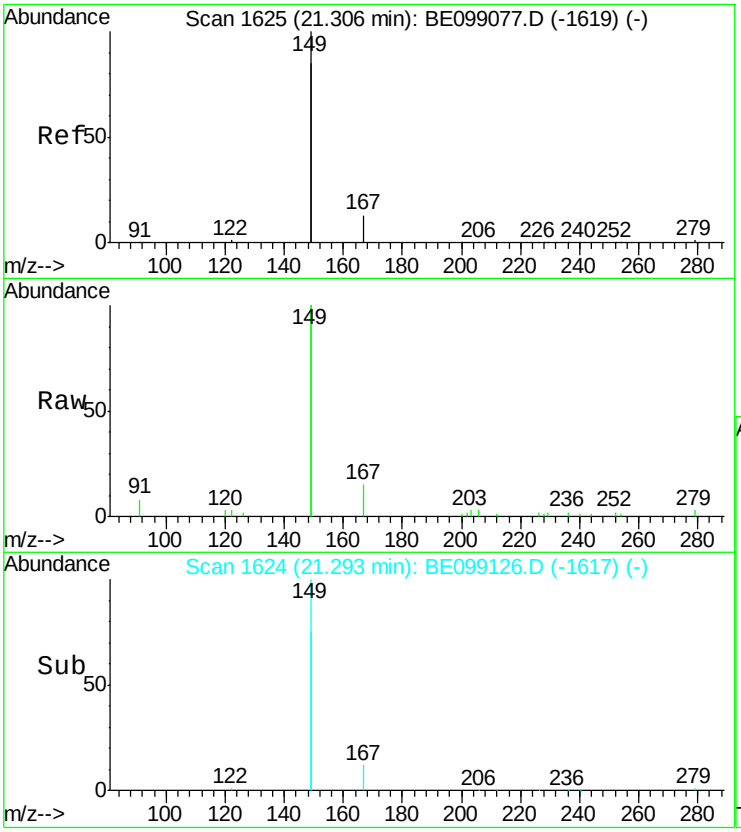


#31
Chrysene
Concen: 0.031 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:228 Resp: 4332

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	25.5	16.1	24.1#



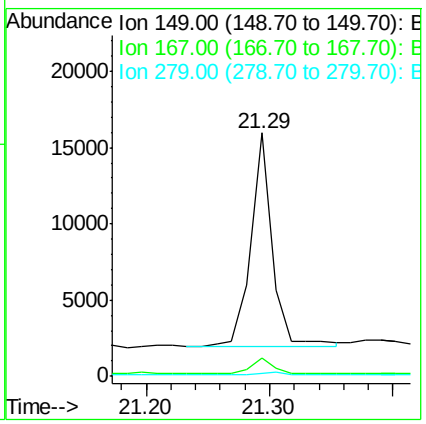


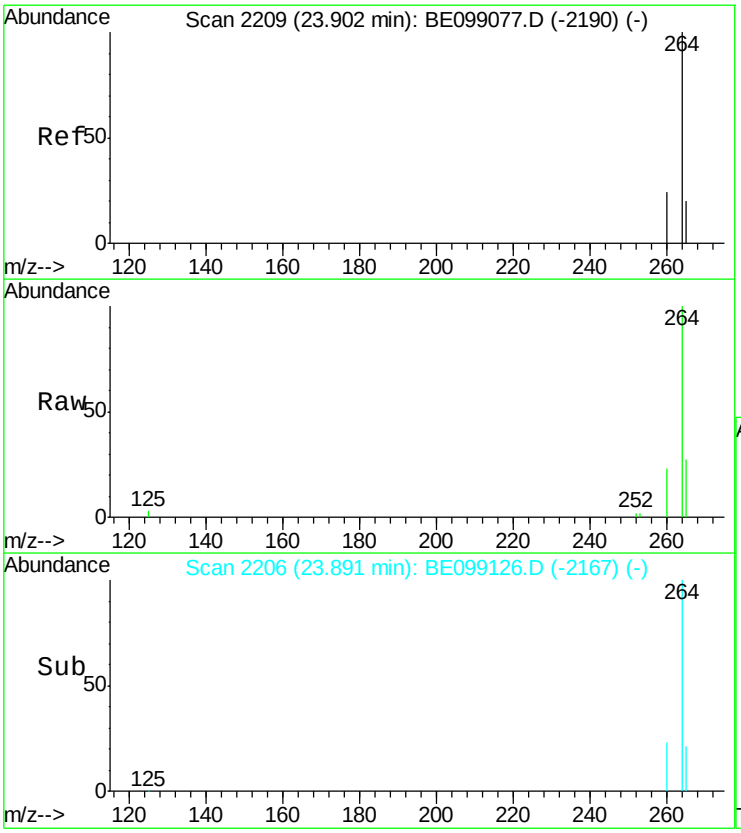
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:149 Resp: 17191

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.4	8.0
279	1.3	1.0	1.4

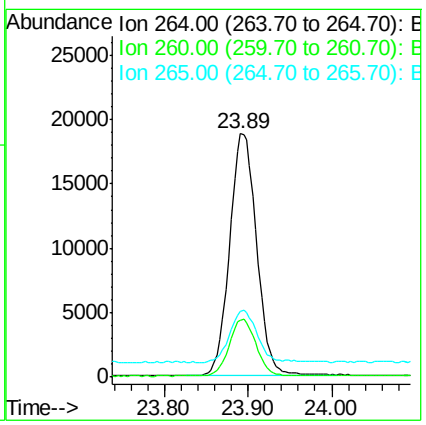


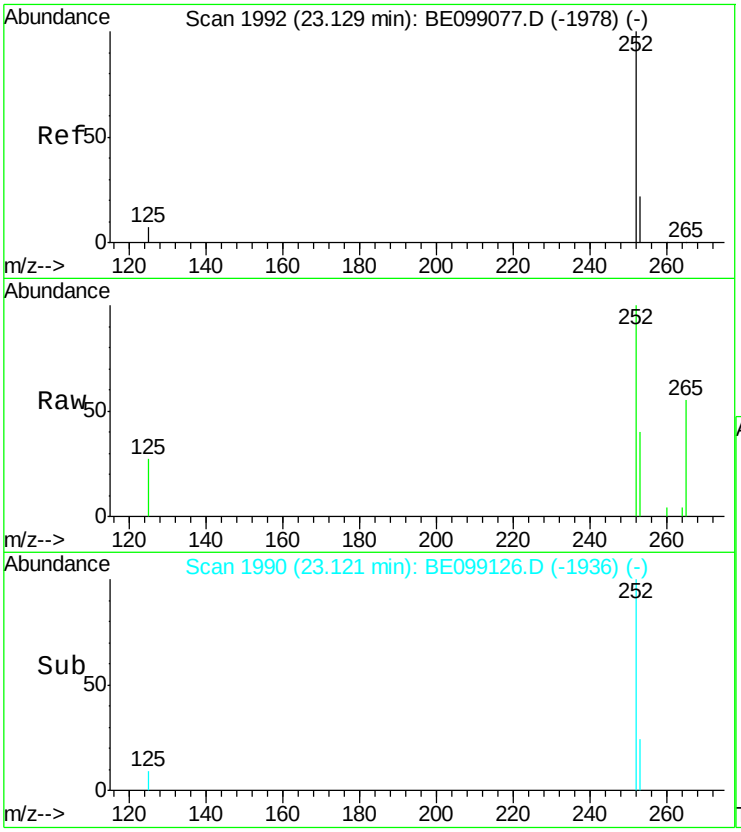


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:264 Resp: 42286

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.2	31.8
265	27.2	24.6	36.8



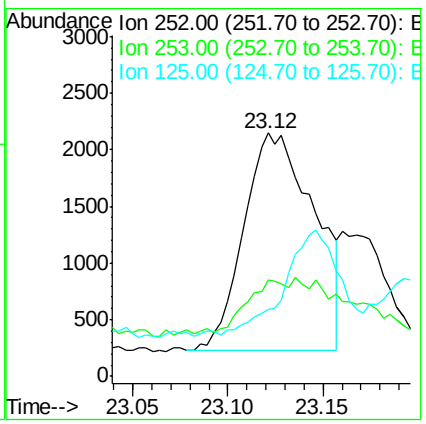


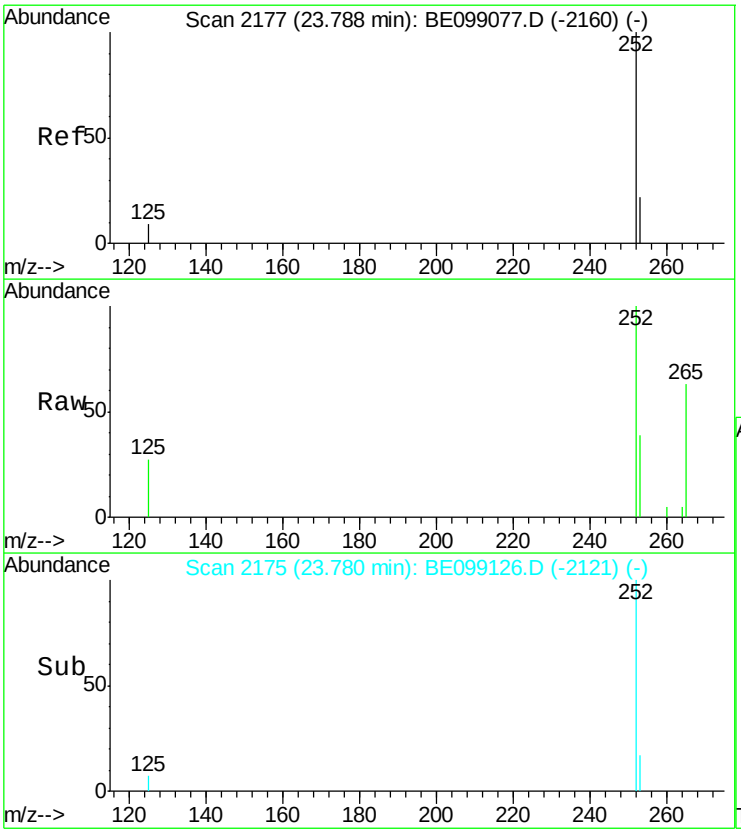
#35
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:252 Resp: 4967

Ion	Ratio	Lower	Upper
252	100		
253	39.6	18.2	27.2#
125	27.4	7.3	10.9#

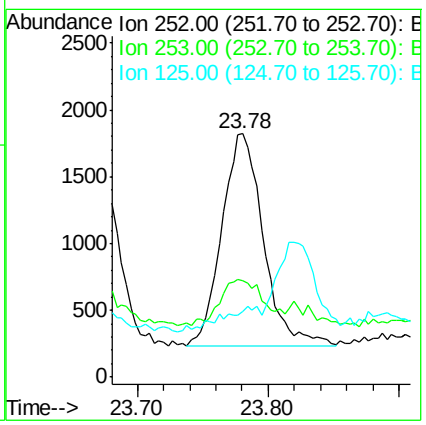


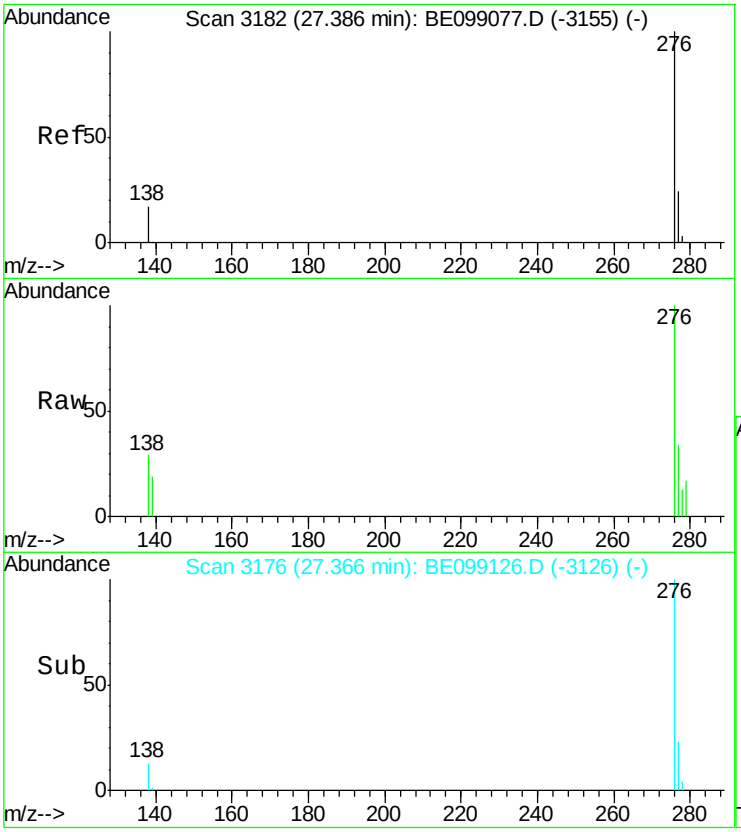


#37
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Tgt Ion:252 Resp: 3480

Ion	Ratio	Lower	Upper
252	100		
253	39.4	19.9	29.9#
125	27.2	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 27.37 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BE099126.D
Acq: 24 Mar 2019 00:36

Instrument :
BNA_E
ClientSampleId :
PST-026-SW044-031919

Tgt Ion:276 Resp: 2802

Ion	Ratio	Lower	Upper
276	100		
277	33.9	20.4	30.6#
138	29.1	13.6	20.4#