Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099438.D
Acq On : 30 Apr 2019 22:49
Operator : JU/SJ
Sample : K2568-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-003-B174-042319

Quant Time: May 01 02:15:27 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	2432	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	8755	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6210	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	19582	0.40	ng		0.00
27) Chrysene-d12	21.37	240	30650	0.40	ng		0.00
34) Perylene-d12	23.86	264	35754	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2847	0.42	ng		0.00
5) Phenol-d6	6.97	99	3803	0.43	ng		0.00
8) Nitrobenzene-d5	8.96	82	3152	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	5545	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	1621	0.41	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	8159	0.34	ng		-0.02
25) Fluoranthene-d10	19.21	212	89689	0.34	ng		0.00
29) Terphenyl-d14	19.81	244	19539	0.35	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.65	128	11149	0.117	ng		99
12) 2-Methylnaphthalene	12.27	142	645	0.039	ng	#	91
16) Acenaphthylene	14.18	152	3152	0.104	ng	#	94
17) Acenaphthene	14.51	154	1963	0.113	ng		99
18) Fluorene	15.49	166	2481	0.097	ng	#	96
22) Pentachlorophenol	16.84	266	13	0.218	ng	#	54
23) Phenanthrene	17.23	178	84866	1.680	ng		99
24) Anthracene	17.32	178	10468	0.217	ng	#	88
26) Fluoranthene	19.25	202	202631	2.677	ng		100
28) Pyrene	19.61	202	201688	2.524	ng	#	96
30) Benzo(a)anthracene	21.34	228	129526	1.326	ng		98
31) Chrysene	21.40	228	133746	1.400	ng		96
32) Bis(2-ethylhexyl)phthalate	21.26	149	23135	0.096	ng		98
33) Indeno(1,2,3-cd)pyrene	26.49	276	78293	0.693	ng		98
35) Benzo(b)fluoranthene	23.09	252	155654	1.510	ng		98
36) Benzo(k)fluoranthene	23.09	252	155654	1.566	ng		98
37) Benzo(a)pyrene	23.75	252	110797	1.137	ng		99
38) Dibenzo(a,h)anthracene	26.52	278	19966	0.200	ng	#	91
39) Benzo(g,h,i)perylene	27.31	276	77490	0.776	ng		99

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

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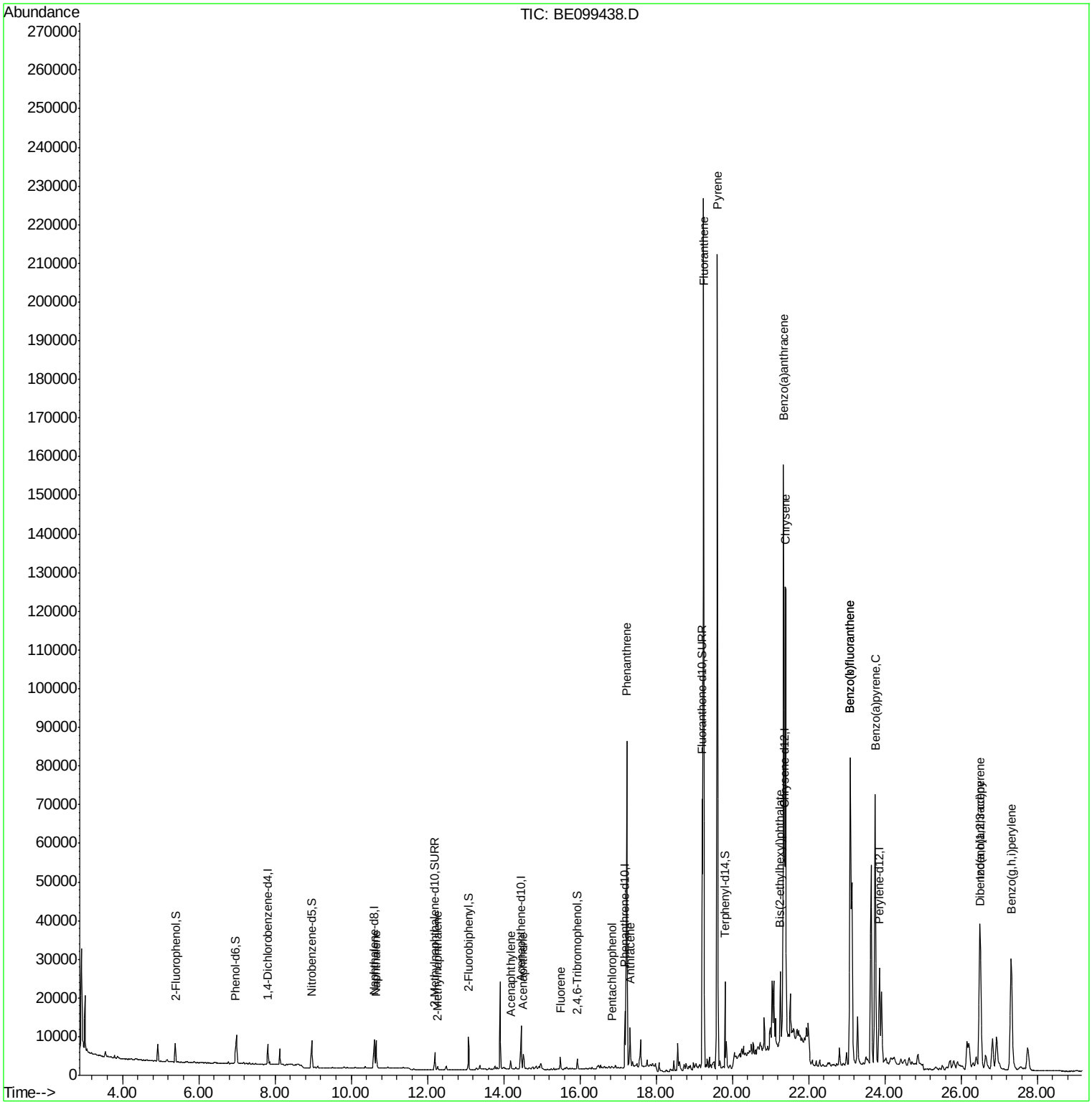
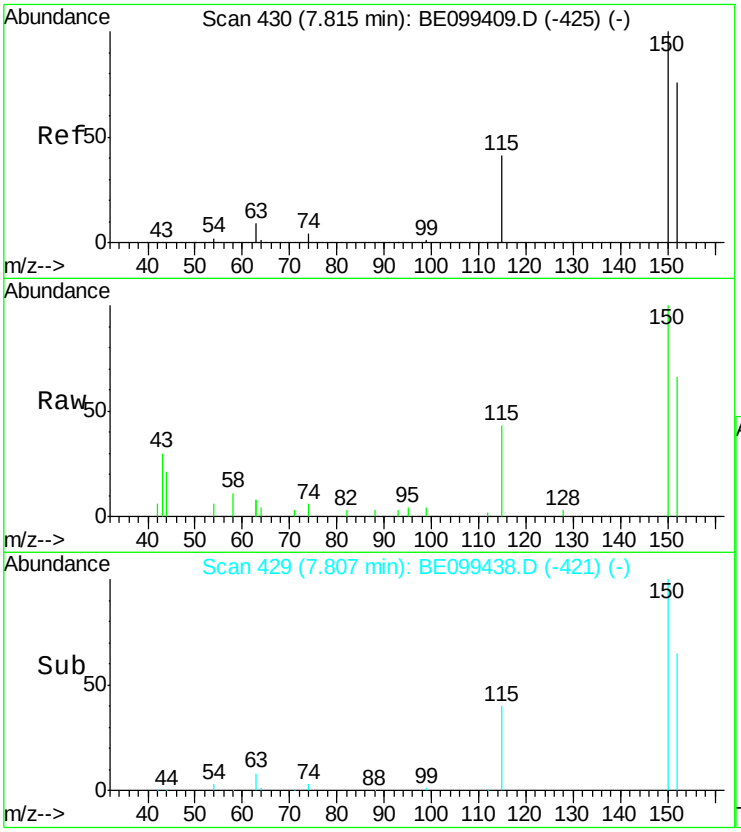


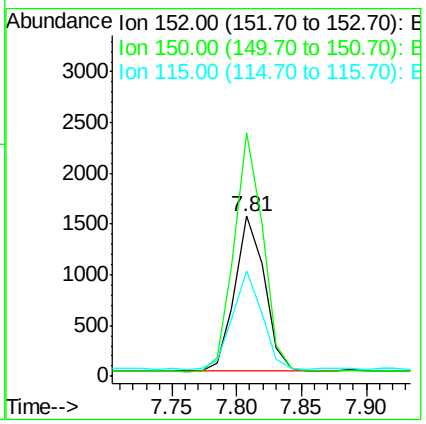


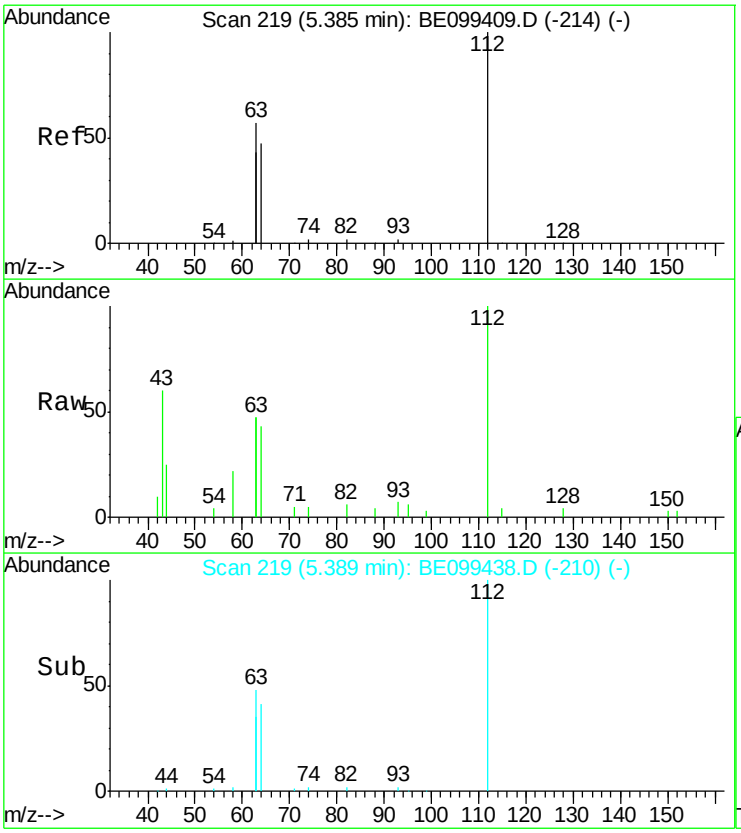
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:152 Resp: 2432

Ion	Ratio	Lower	Upper
152	100		
150	152.0	104.8	157.2
115	65.5	46.6	69.8

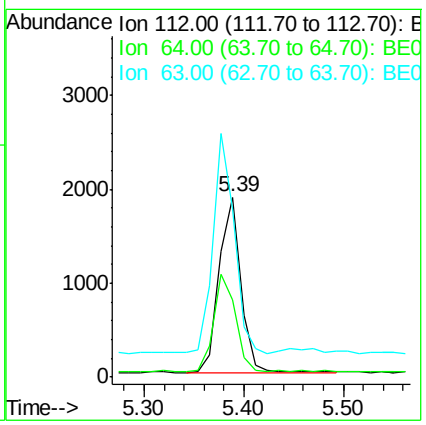


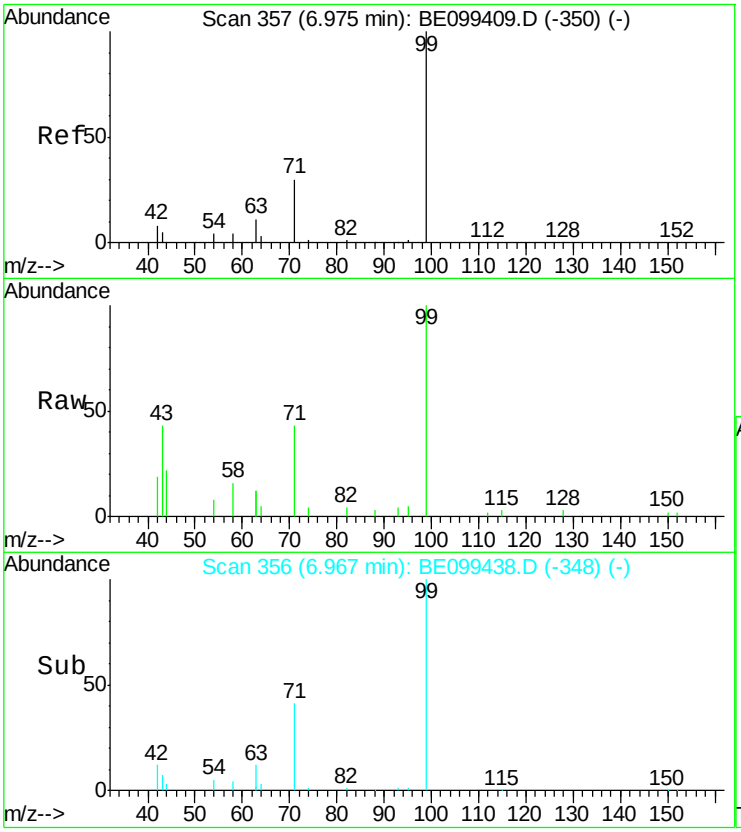


#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:112 Resp: 2847

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.4	71.0
63	121.4	104.3	156.5



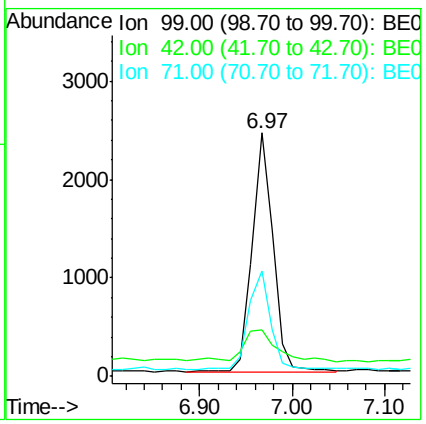


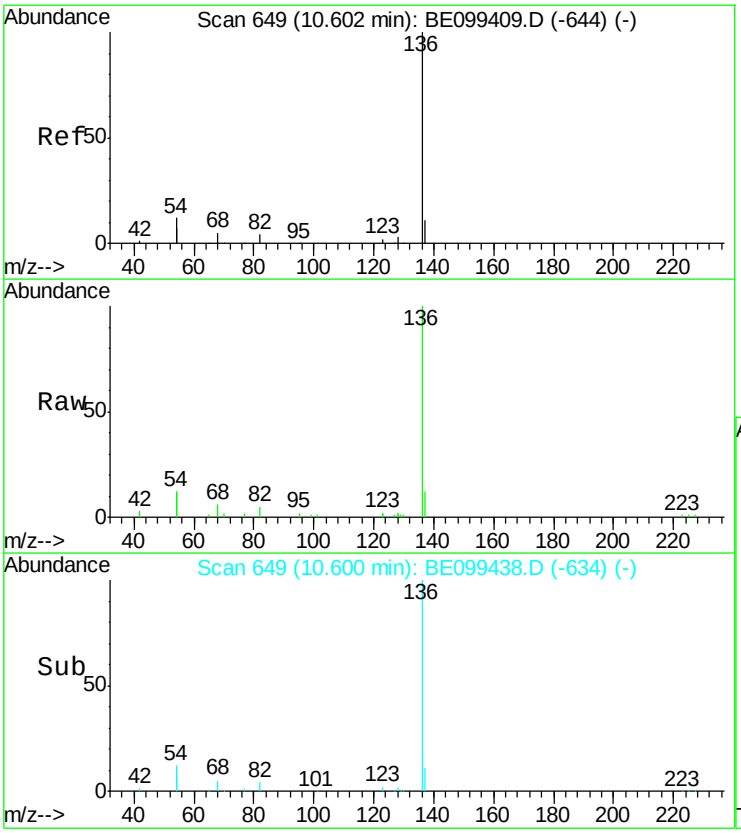
#5
Phenol-d6
Concen: 0.425 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion: 99 Resp: 3803

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.9	22.3#
71	42.8	33.0	49.6

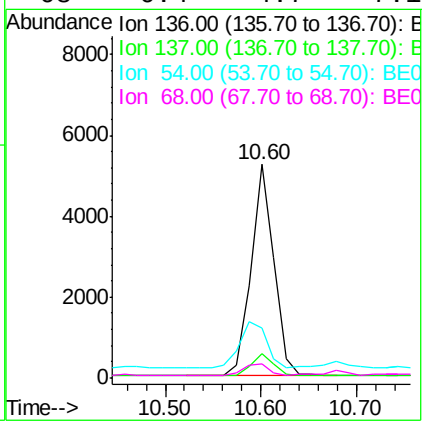


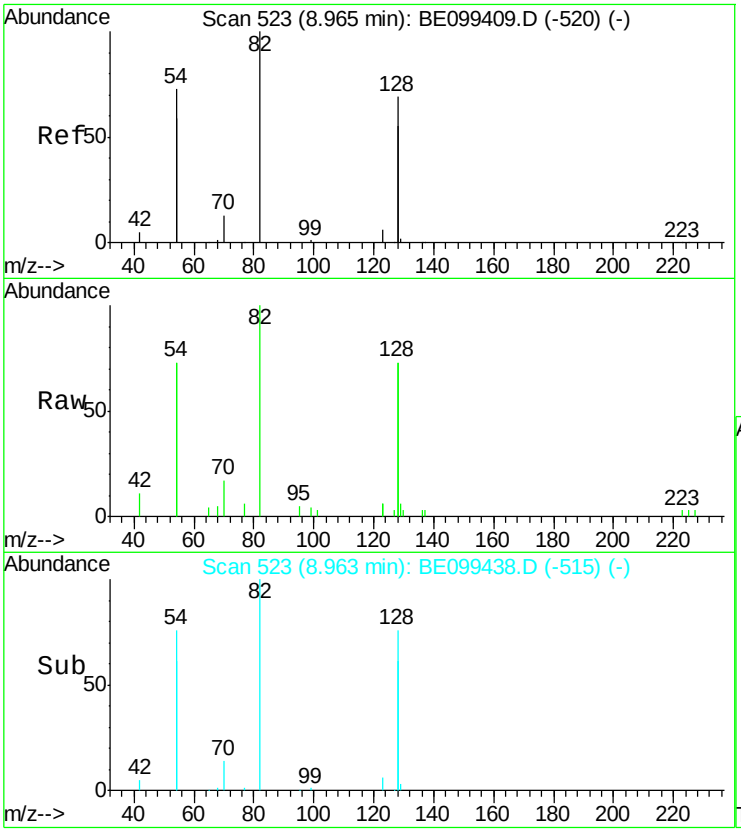


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:136 Resp: 8755

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.8
54	23.2	18.5	27.7
68	6.4	4.7	7.1



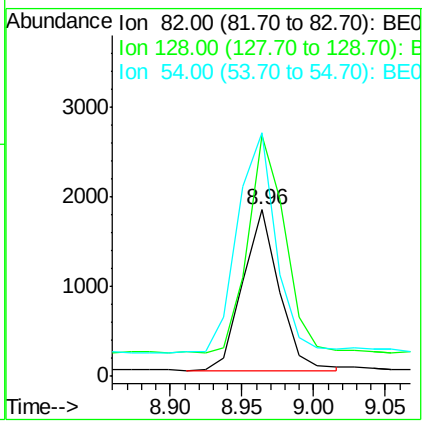


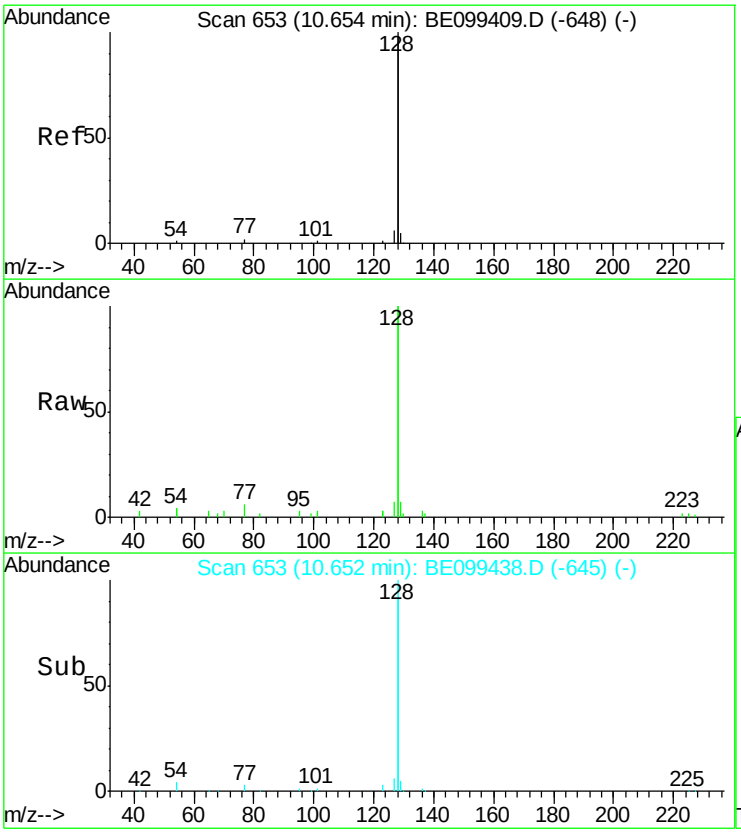
#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion: 82 Resp: 3152

Ion	Ratio	Lower	Upper
82	100		
128	145.1	107.0	160.4
54	146.2	113.1	169.7

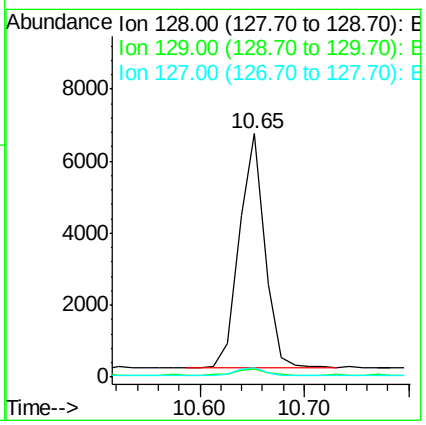


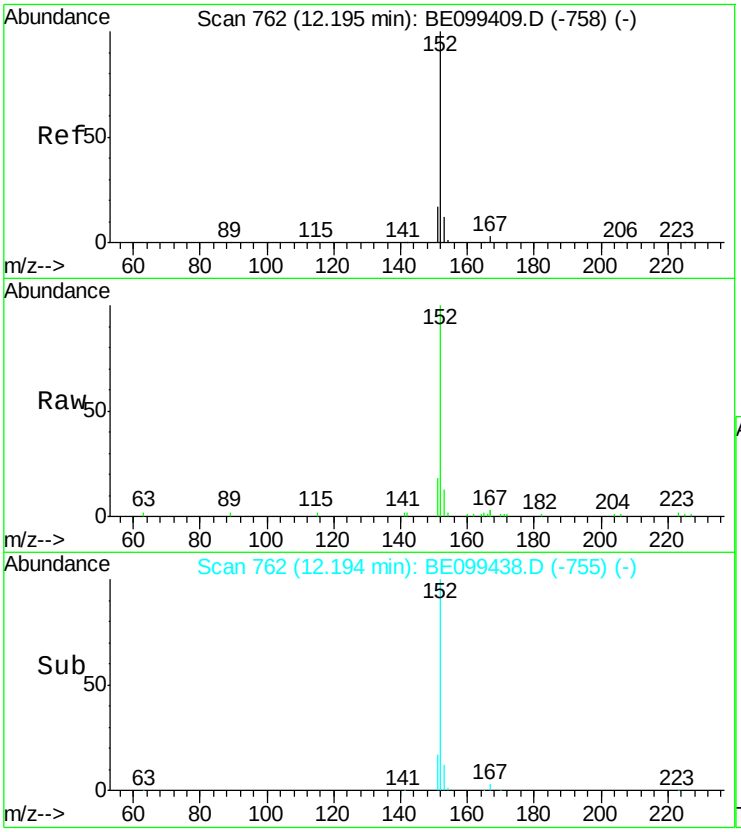


#9
Naphthalene
Concen: 0.117 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:128 Resp: 11149

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



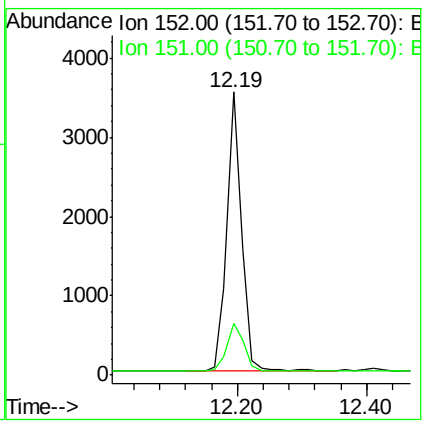


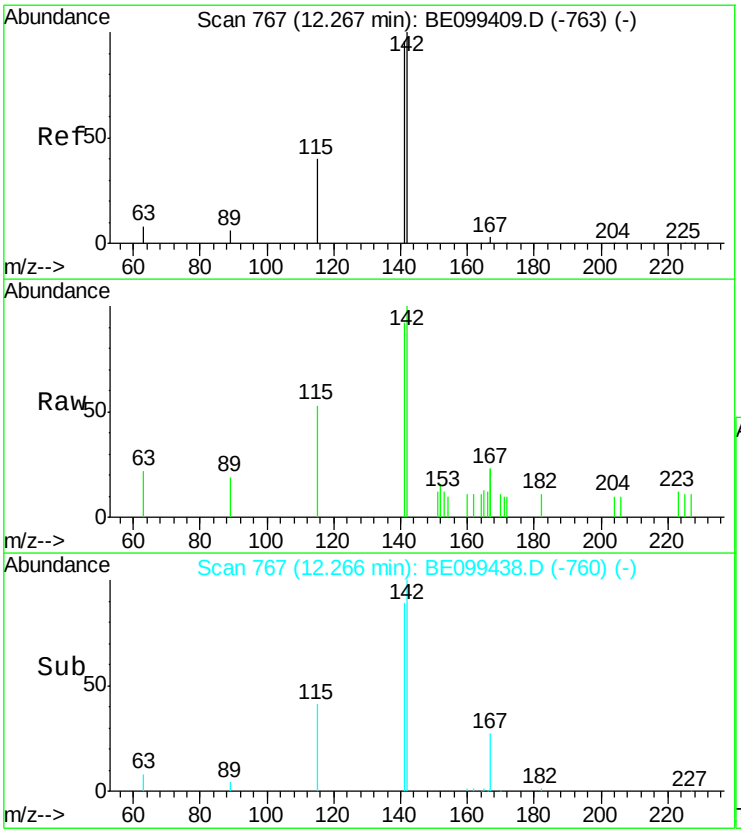
#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:152 Resp: 5545

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3

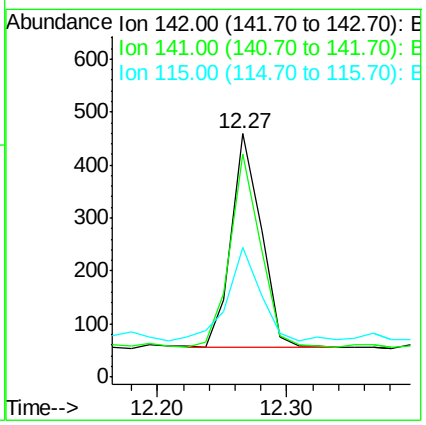


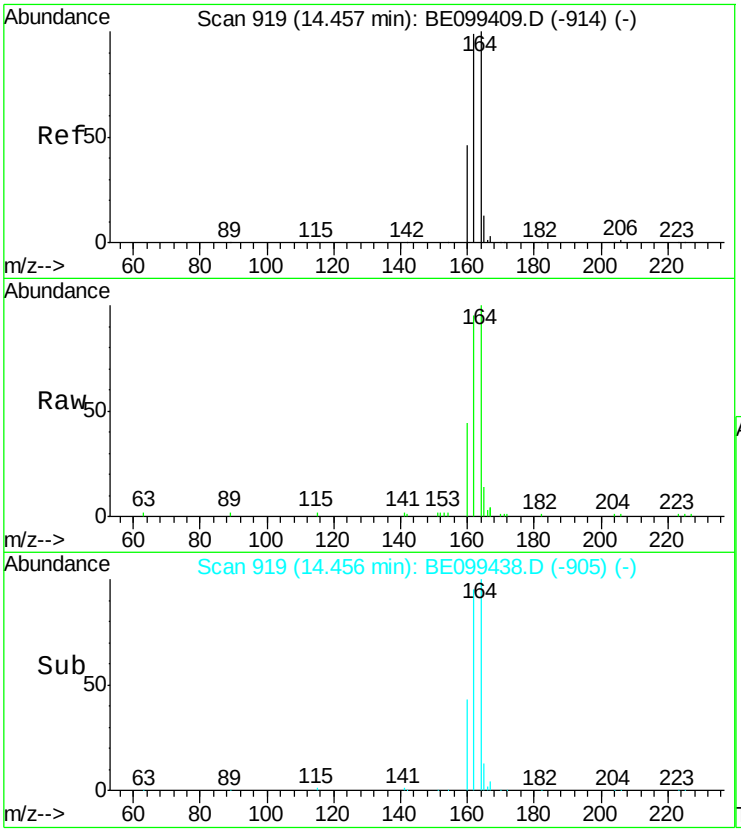


#12
2-Methylnaphthalene
Concen: 0.039 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:142 Resp: 645

Ion	Ratio	Lower	Upper
142	100		
141	91.5	77.0	115.4
115	53.2	33.4	50.0#



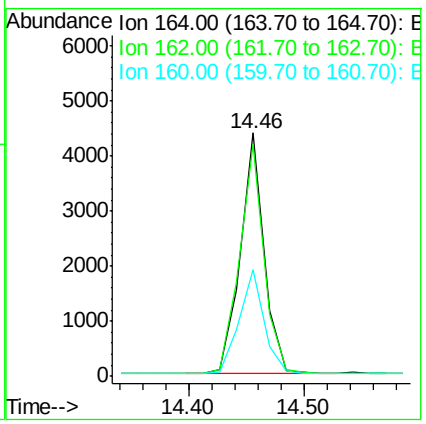


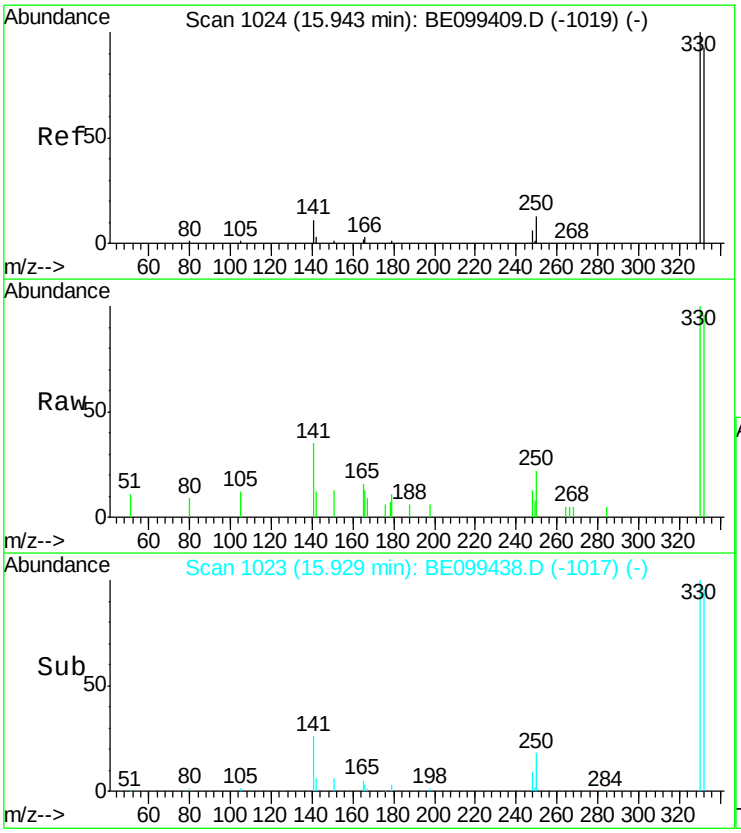
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:164 Resp: 6210

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

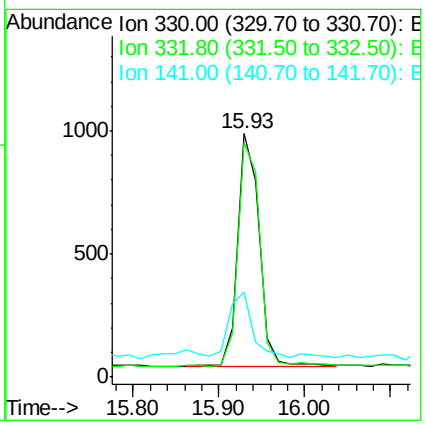


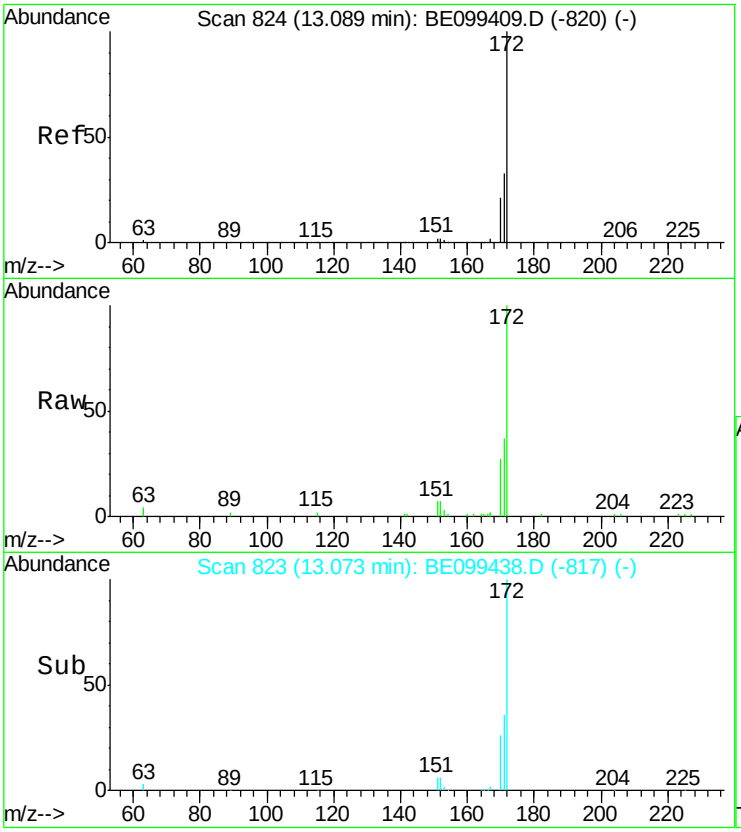


#14
2,4,6-Tribromophenol
Concen: 0.414 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:330 Resp: 1621

Ion	Ratio	Lower	Upper
330	100		
332	99.2	71.5	107.3
141	31.0	24.0	36.0



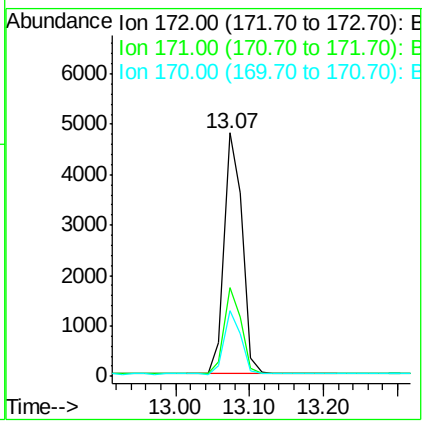


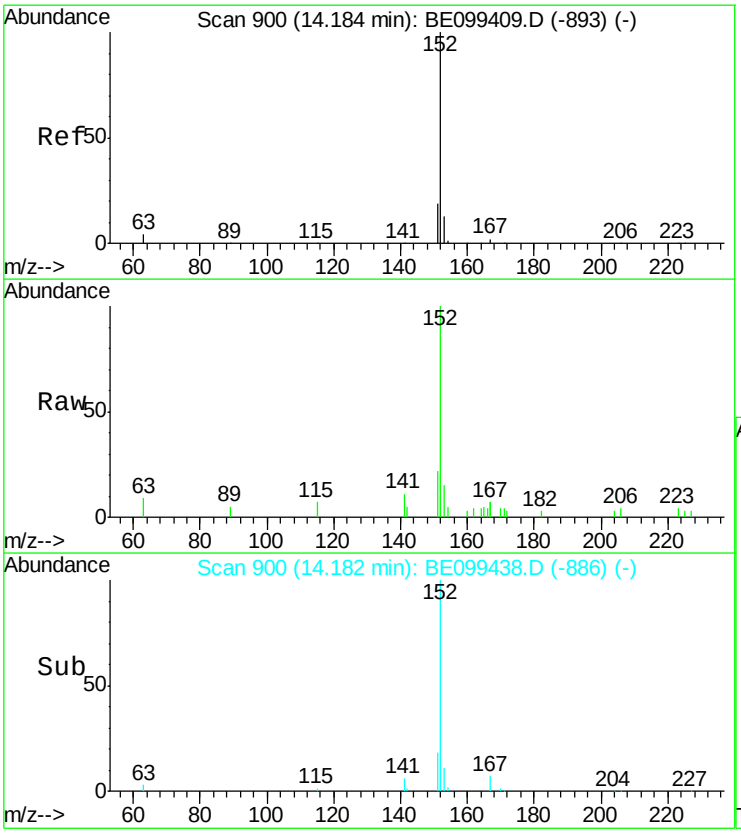
#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:172 Resp: 8159

Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.6	39.8
170	26.9	17.0	25.6#

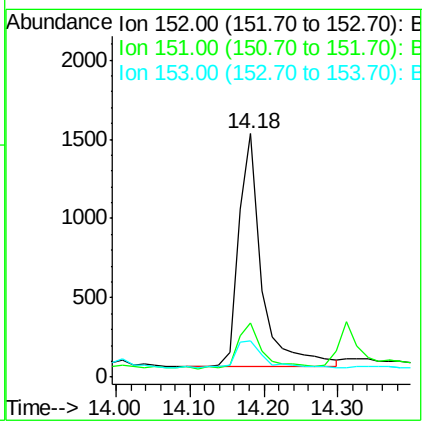


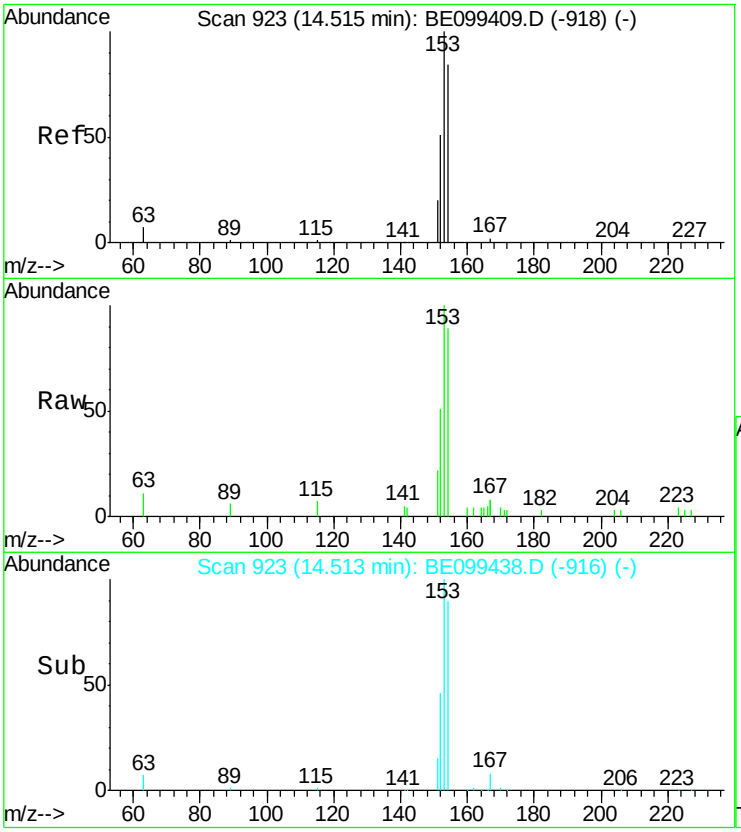


#16
Acenaphthylene
Concen: 0.104 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:152 Resp: 3152

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.4	23.2
153	15.2	9.8	14.6#



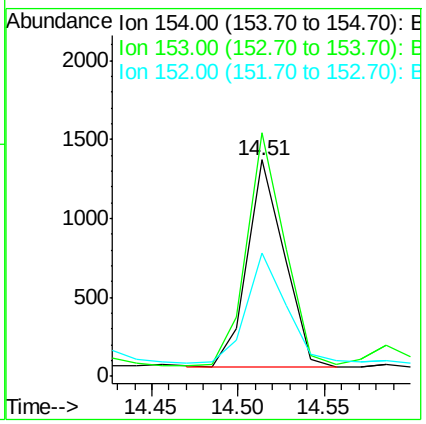


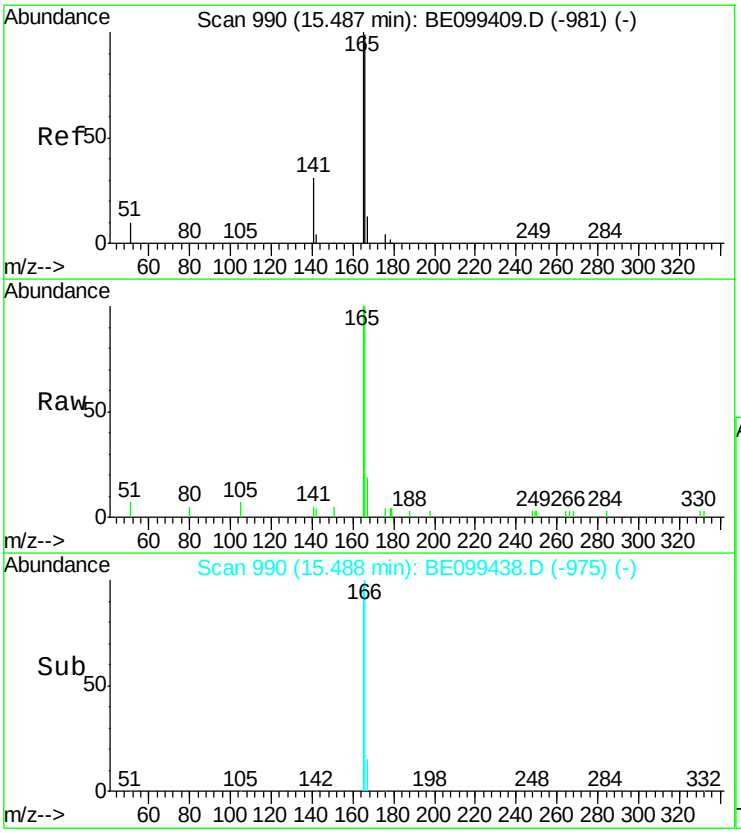
#17
Acenaphthene
Concen: 0.113 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:154 Resp: 1963

Ion	Ratio	Lower	Upper
154	100		
153	115.2	92.6	138.8
152	55.5	45.8	68.8

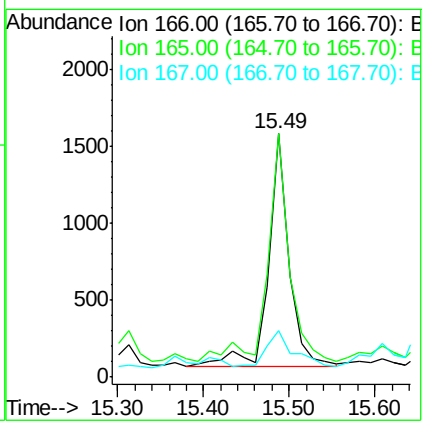


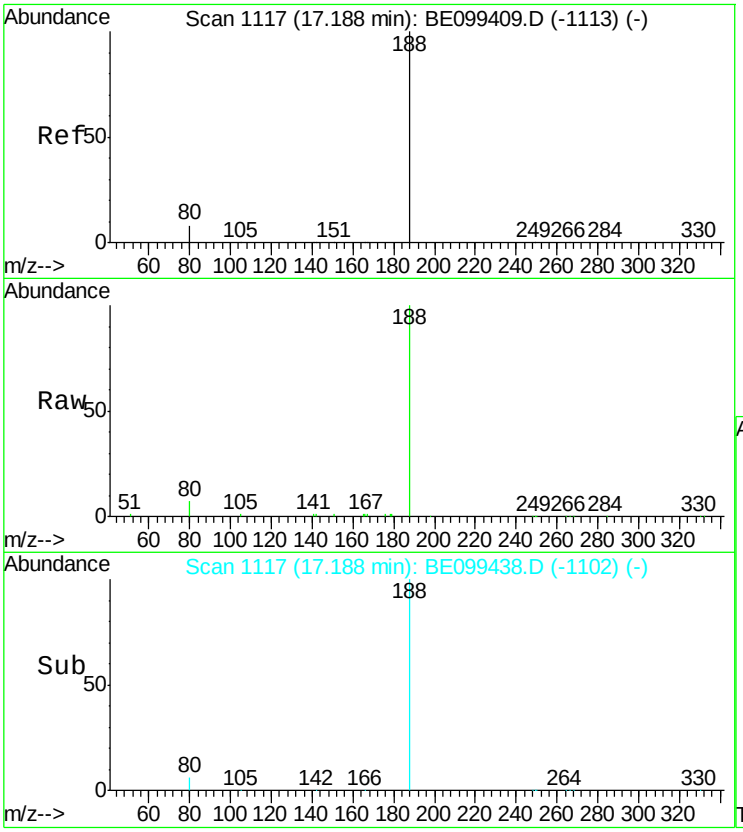


#18
Fluorene
Concen: 0.097 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:166 Resp: 2481

Ion	Ratio	Lower	Upper
166	100		
165	103.1	80.3	120.5
167	19.2	10.7	16.1#



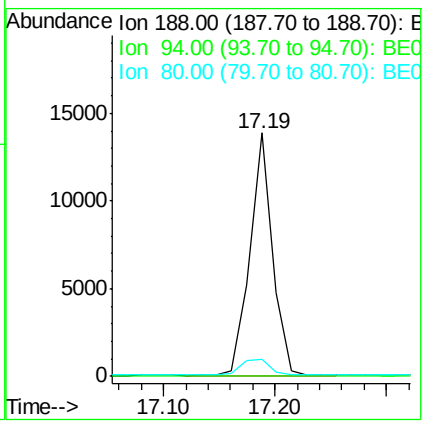


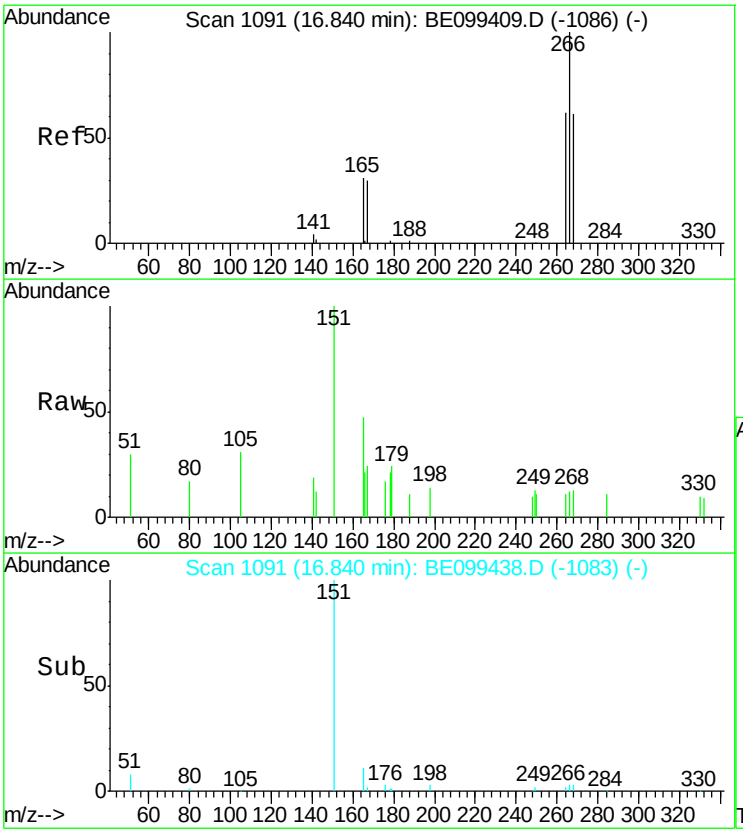
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:188 Resp: 19582

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.7	10.1

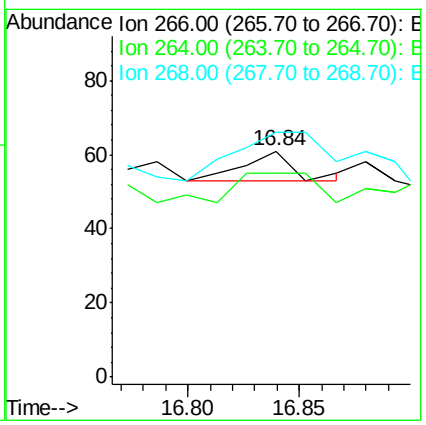


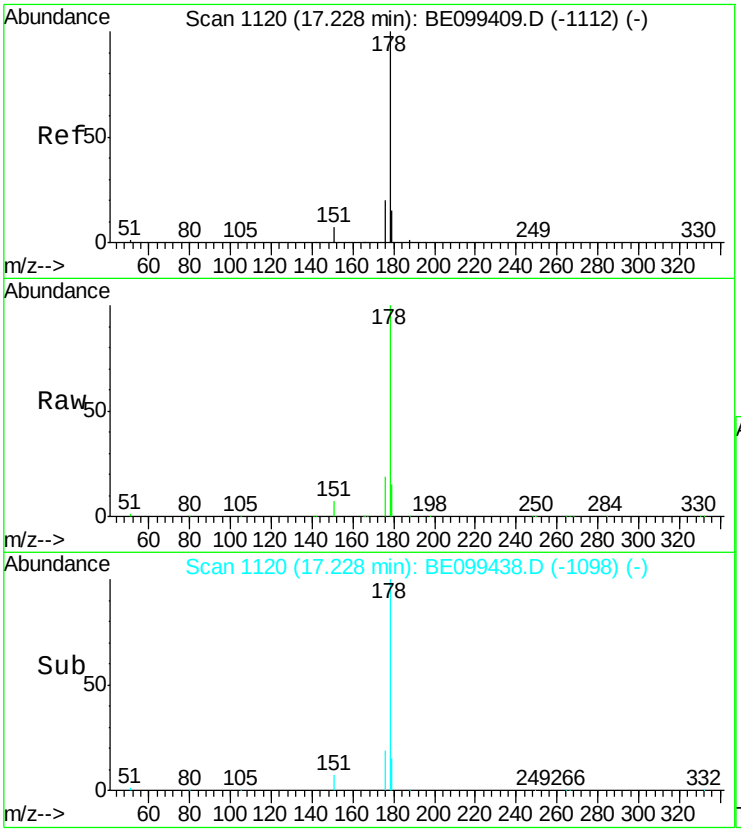


#22
Pentachlorophenol
Concen: 0.218 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	90.2	50.8	76.2#
268	108.2	50.5	75.7#



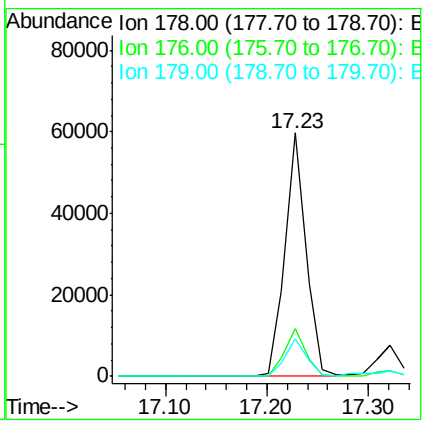


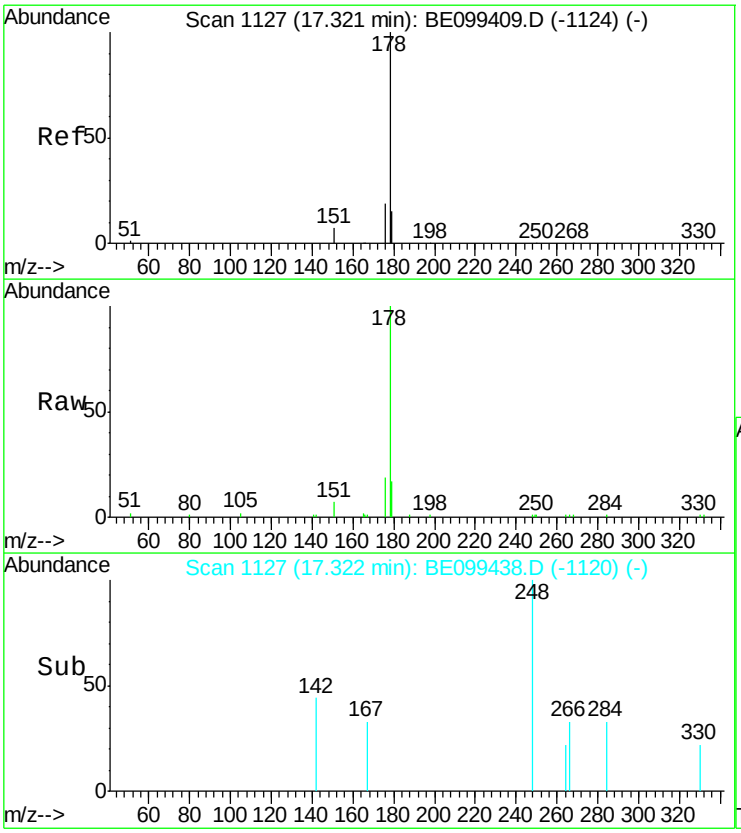
#23
Phenanthrene
Concen: 1.680 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:178 Resp: 84866

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.5	12.0	18.0

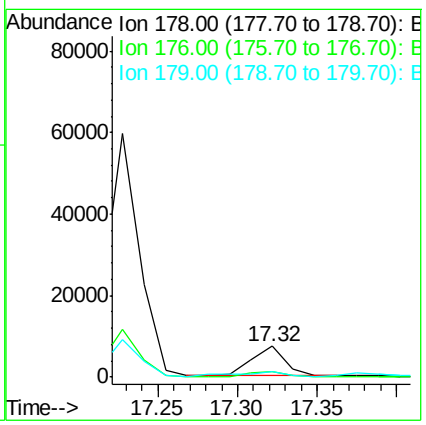


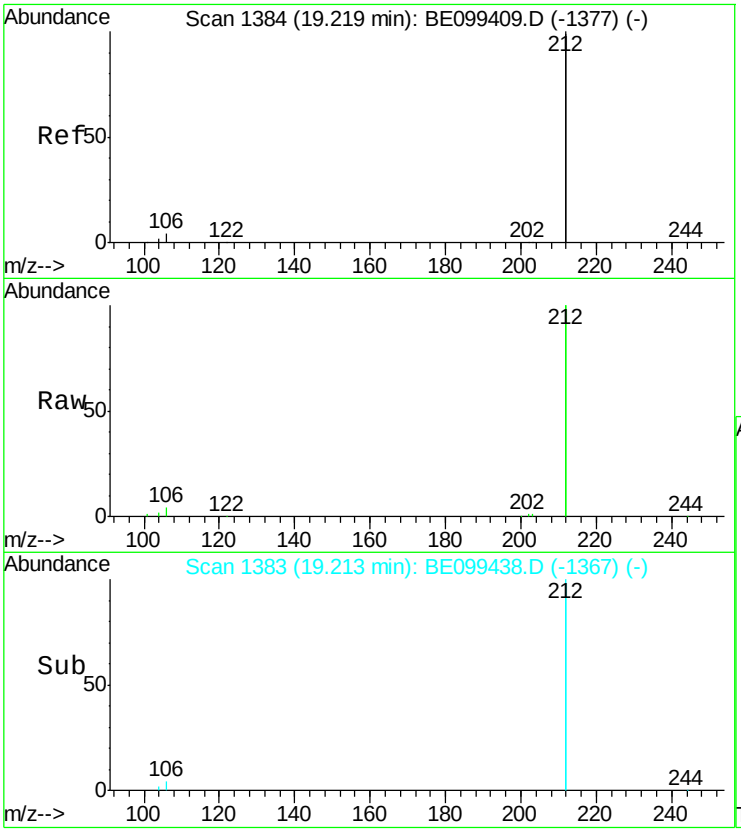


#24
Anthracene
Concen: 0.217 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:178 Resp: 10468

Ion	Ratio	Lower	Upper
178	100		
176	21.4	14.9	22.3
179	22.5	11.9	17.9#



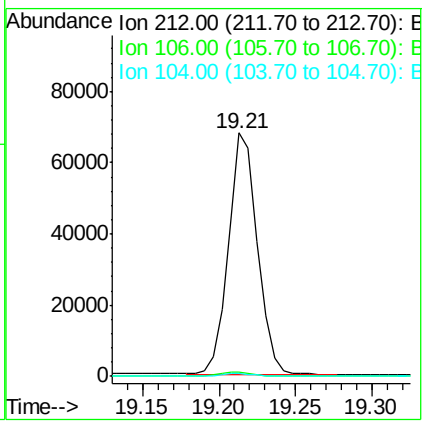


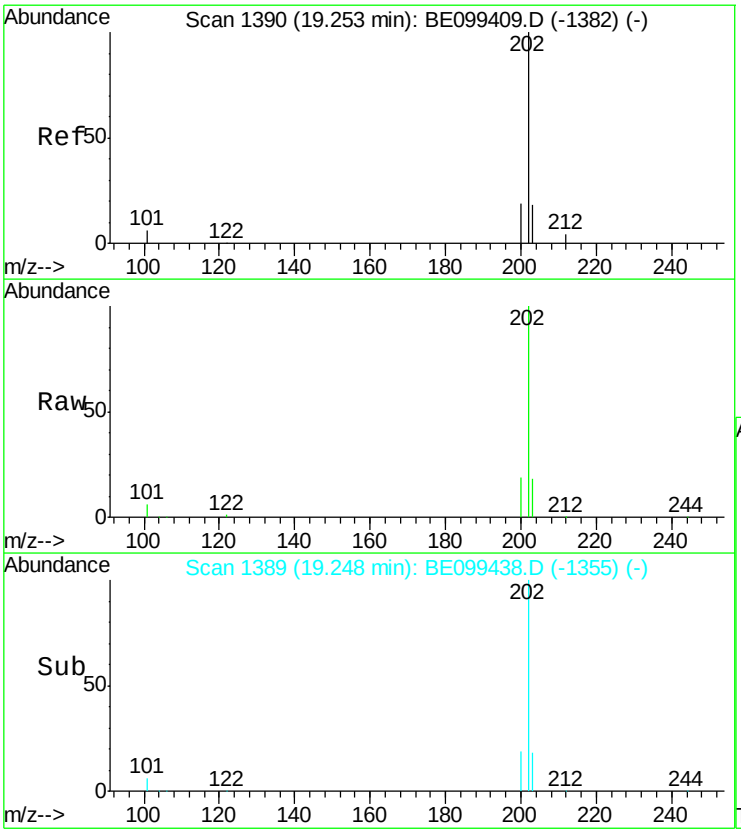
#25
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:212 Resp: 89689

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.2	0.9	1.3

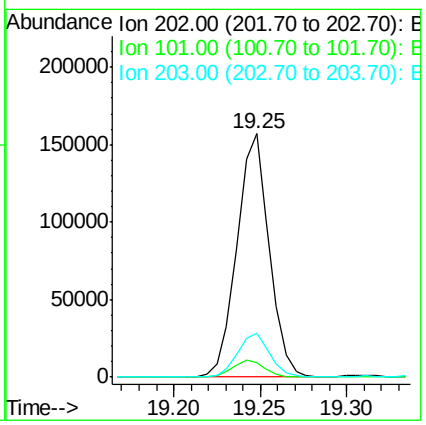


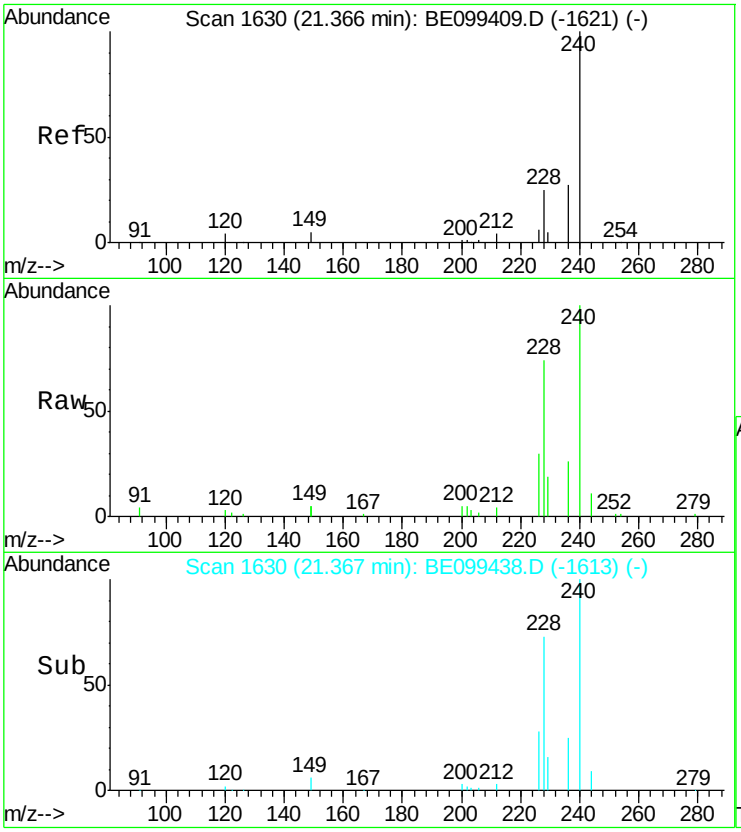


#26
Fluoranthene
Concen: 2.677 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:202 Resp: 202631

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	17.5	13.9	20.9



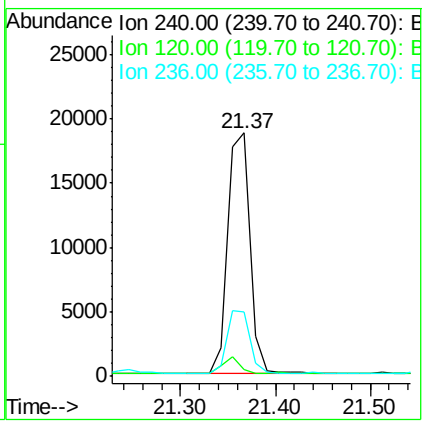


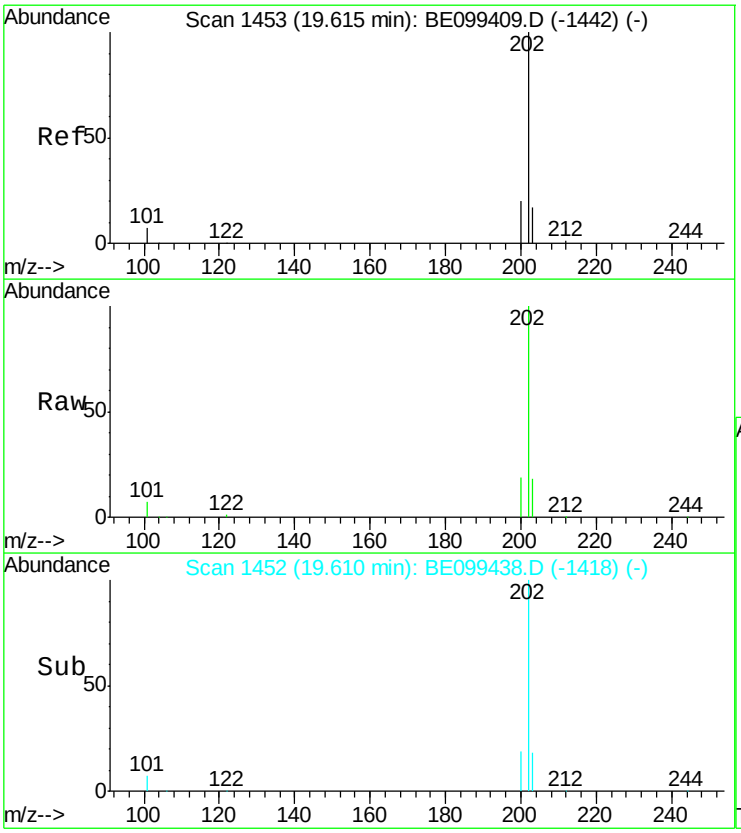
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:240 Resp: 30650

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.0	6.0#
236	26.2	22.0	33.0

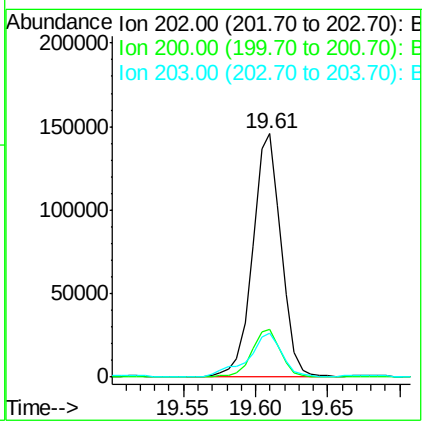


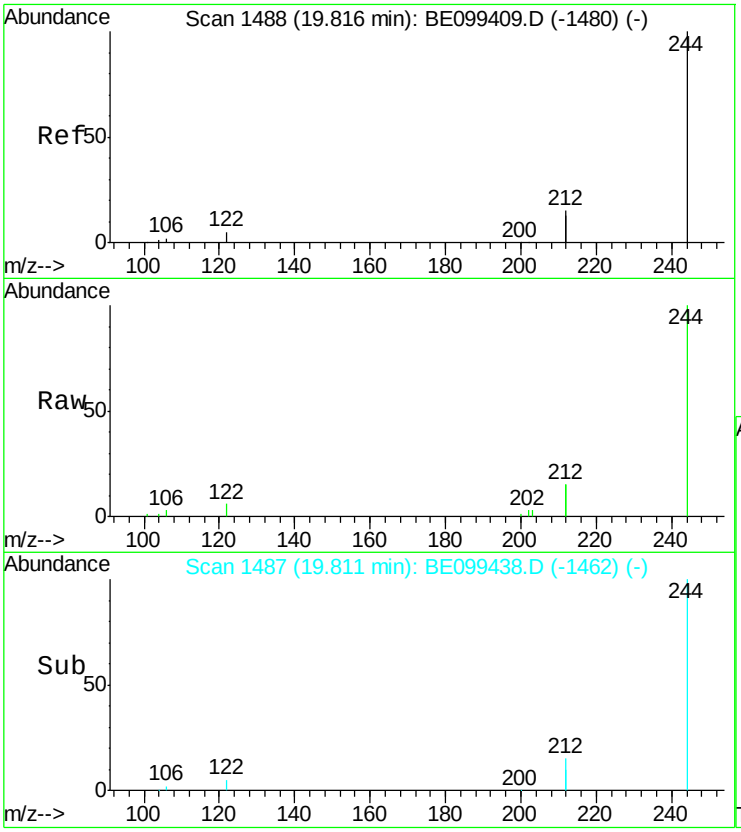


#28
Pyrene
Concen: 2.524 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:202 Resp: 201688

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	21.4	13.9	20.9#



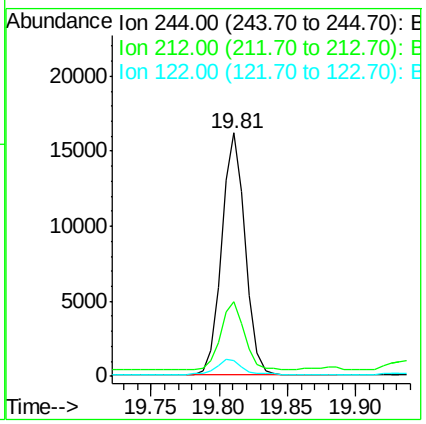


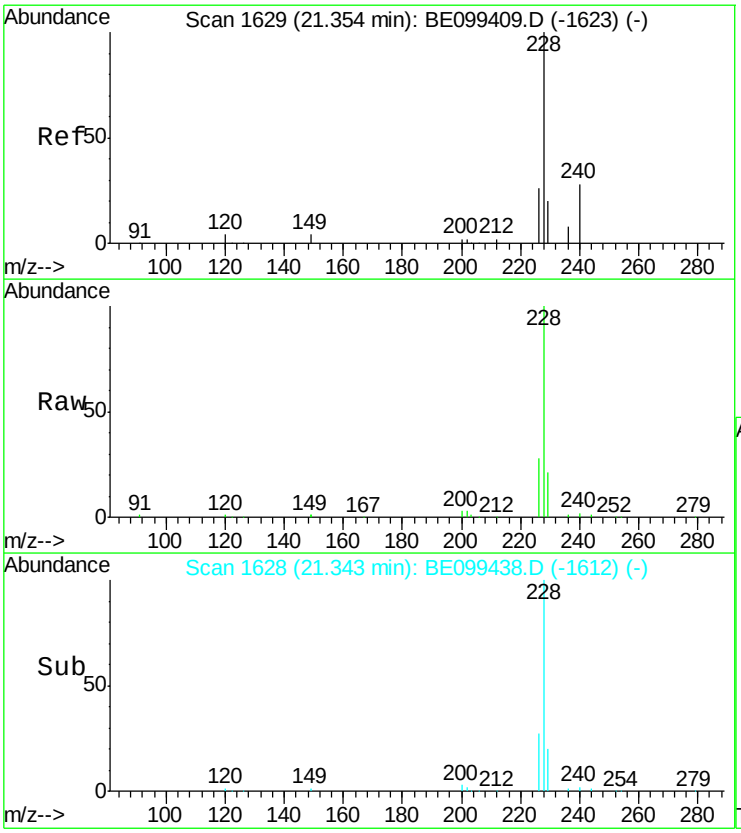
#29
Terphenyl-d14
Concen: 0.348 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:244 Resp: 19539

Ion	Ratio	Lower	Upper
244	100		
212	30.7	23.2	34.8
122	6.2	4.2	6.4

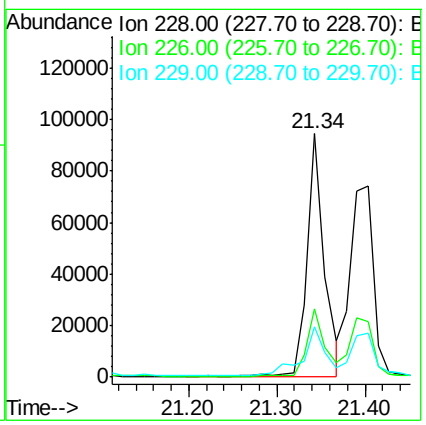


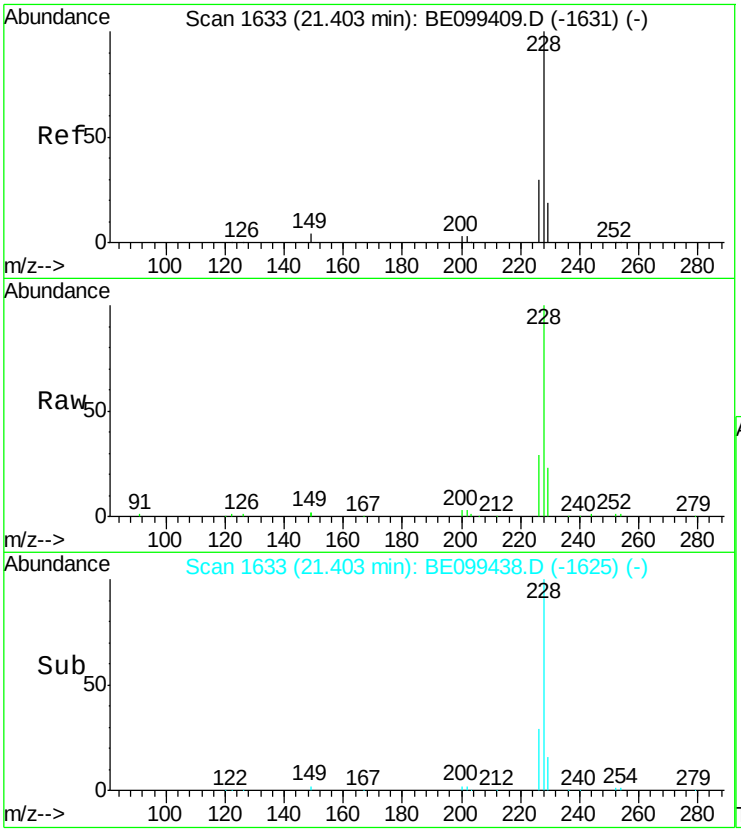


#30
Benzo(a)anthracene
Concen: 1.326 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:228 Resp: 129526

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.0	31.6
229	20.6	16.6	25.0



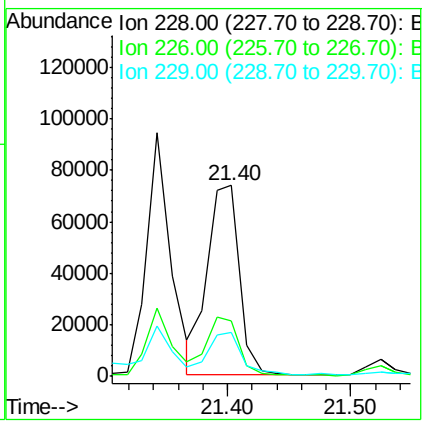


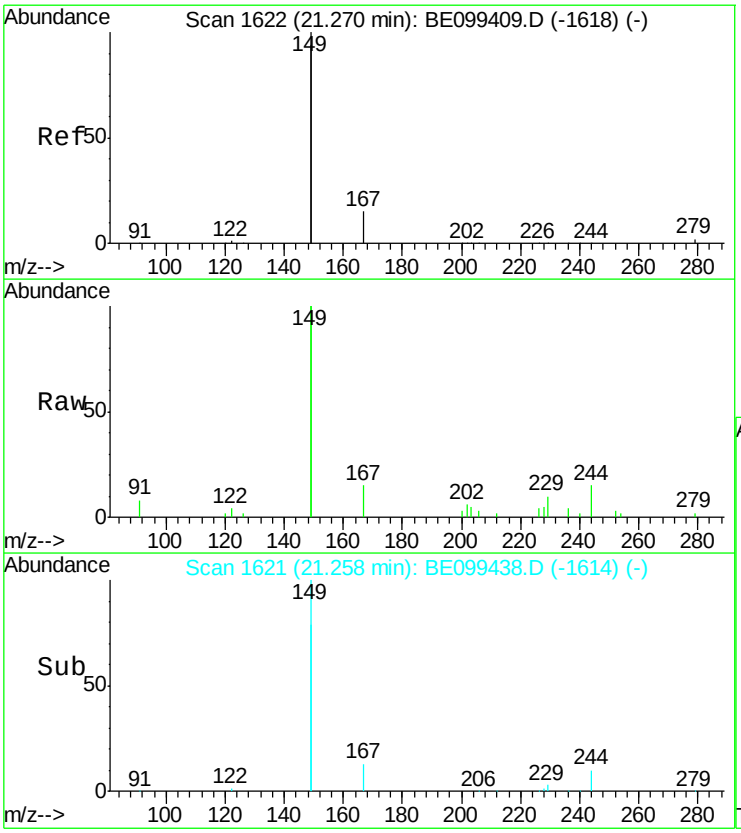
#31
Chrysene
Concen: 1.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:228 Resp: 133746

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	23.1	15.8	23.8

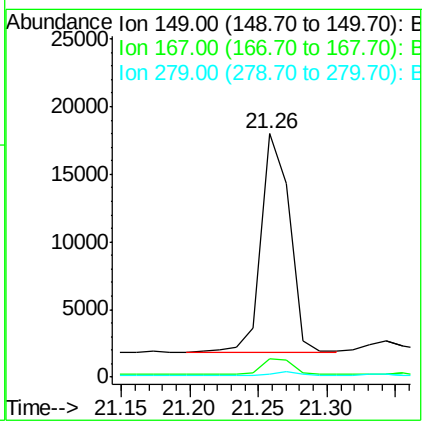


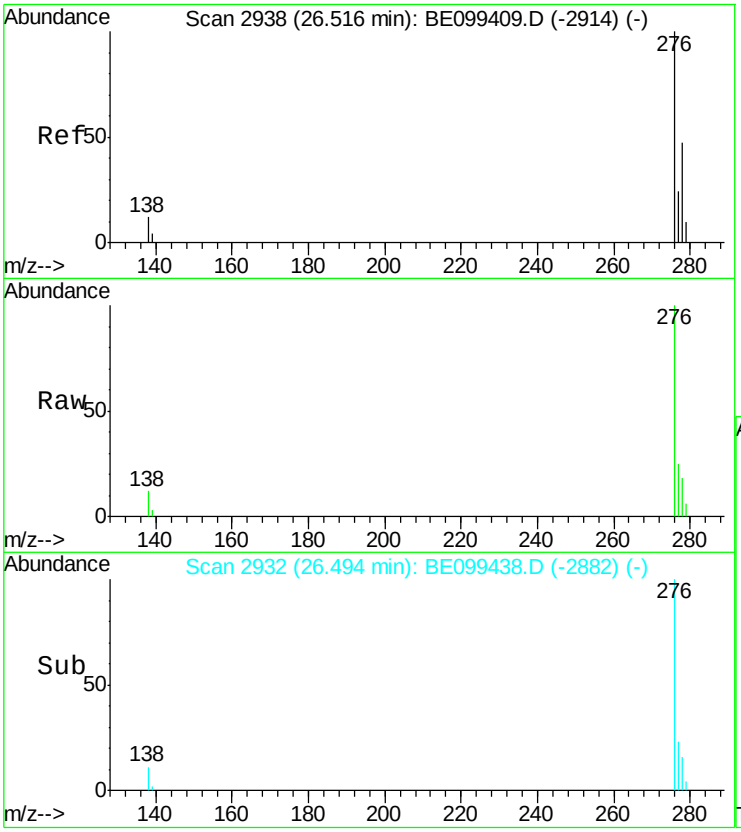


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:149 Resp: 23135

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.8	8.6
279	1.5	1.0	1.6



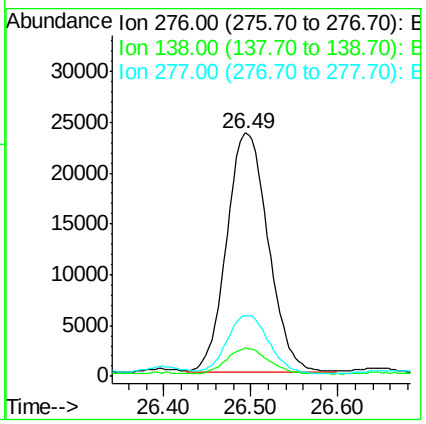


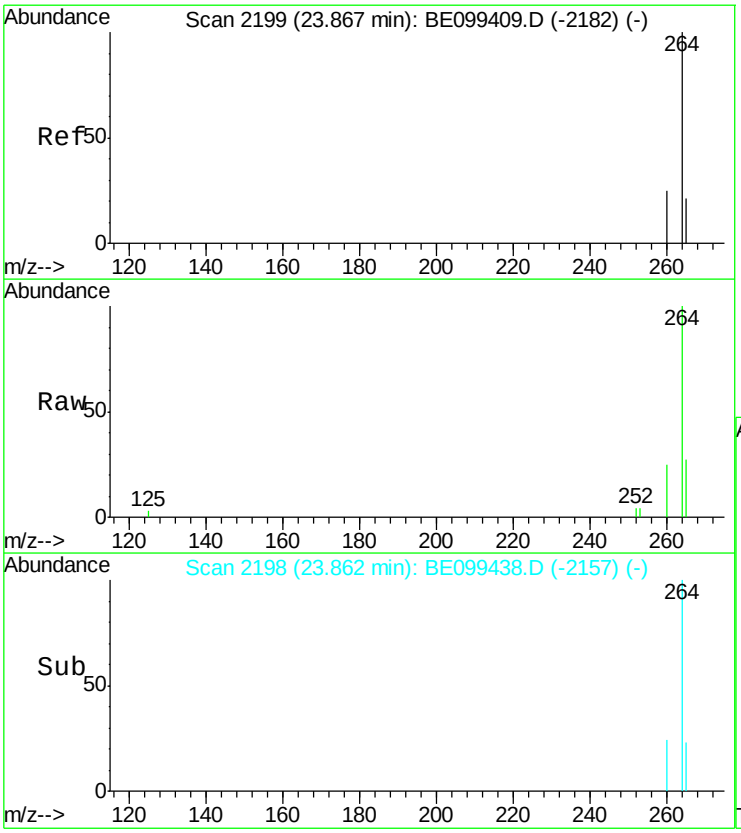
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.693 ng
RT: 26.49 min Scan# 2932
Delta R.T. -0.02 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:276 Resp: 78293

Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.2	15.2
277	24.5	19.2	28.8

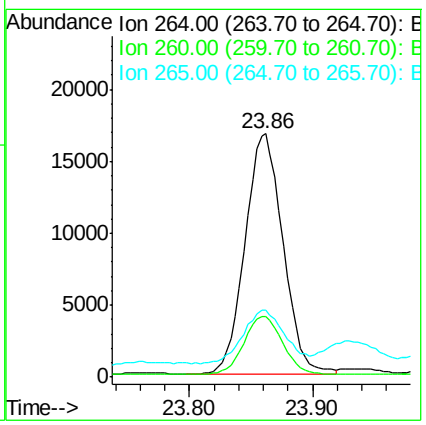


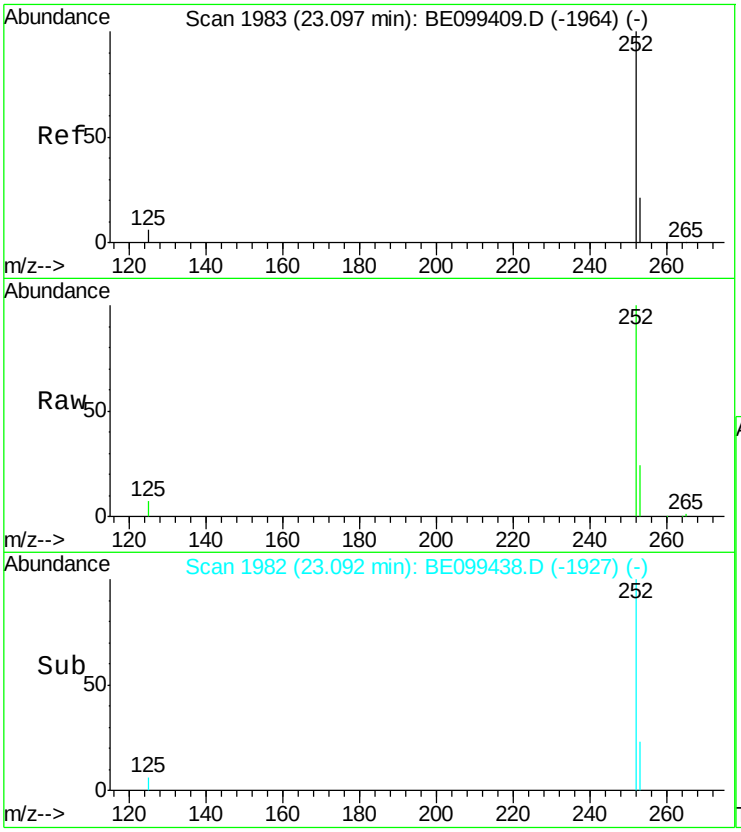


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:264 Resp: 35754

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	27.2	21.3	31.9



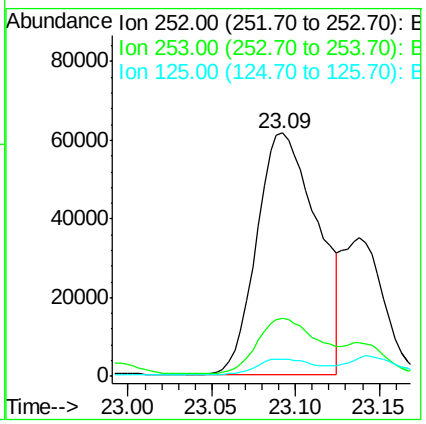


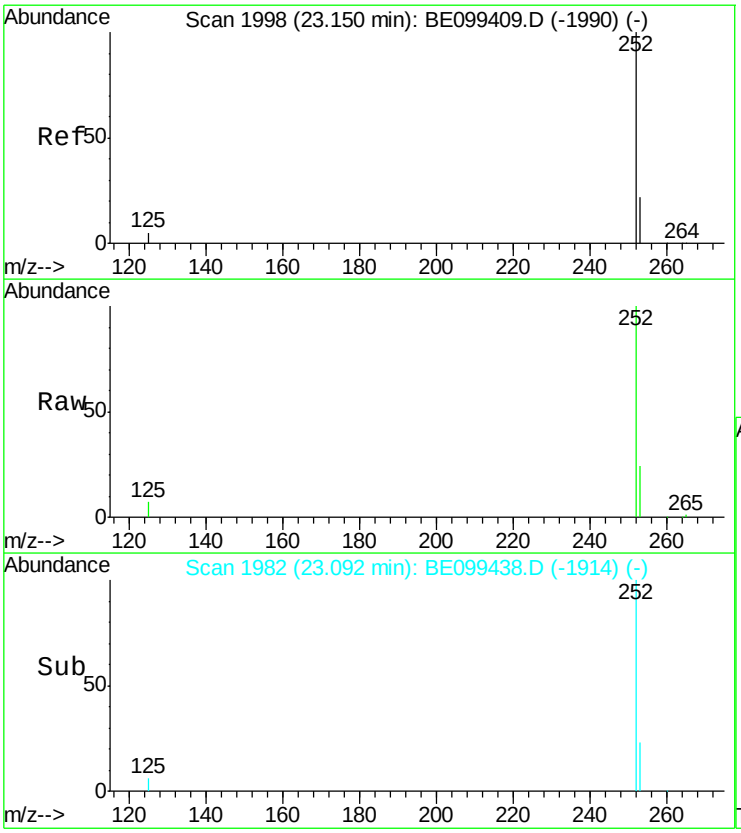
#35
Benzo(b)fluoranthene
Concen: 1.510 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:252 Resp: 155654

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	7.2	5.6	8.4

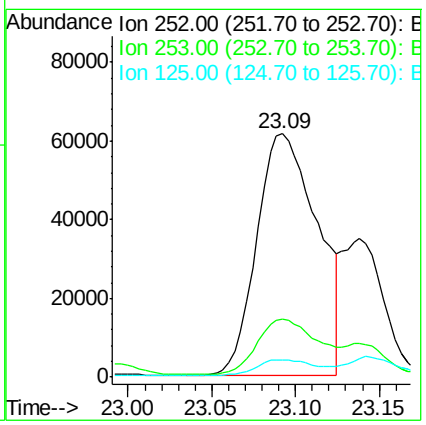


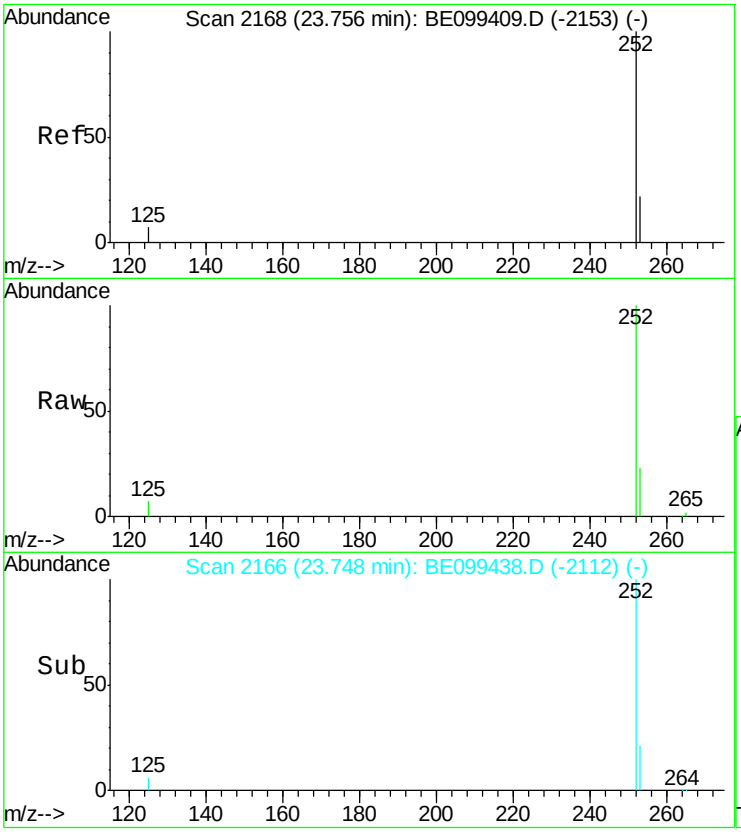


#36
Benzo(k)fluoranthene
Concen: 1.566 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.06 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:252 Resp: 155654

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	7.2	5.0	7.4



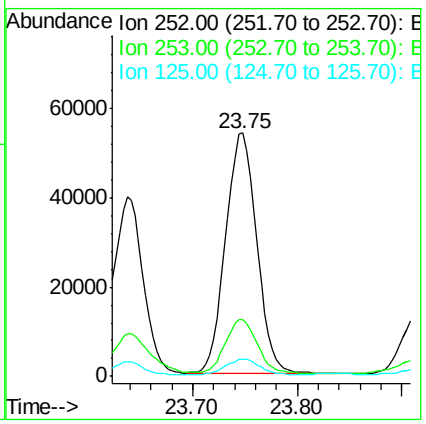


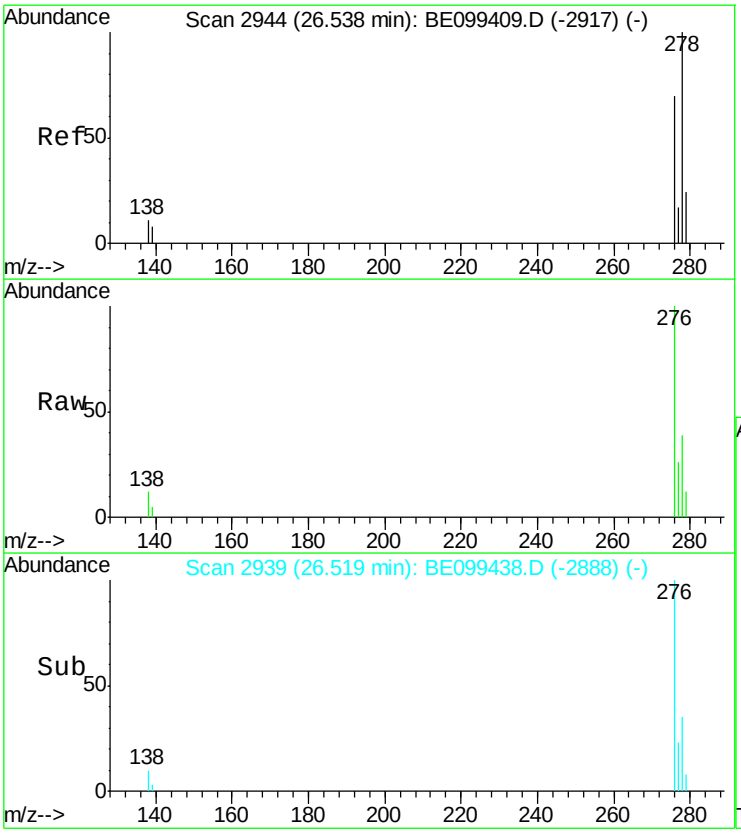
#37
Benzo(a)pyrene
Concen: 1.137 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:252 Resp: 110797

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	7.2	6.7	10.1

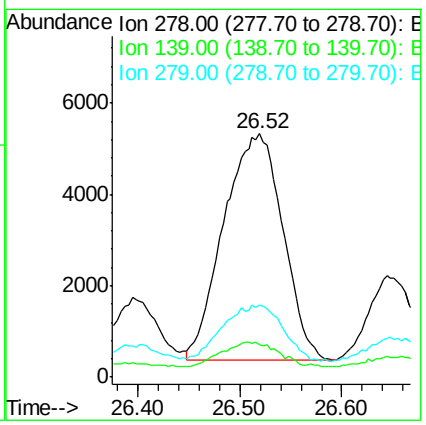


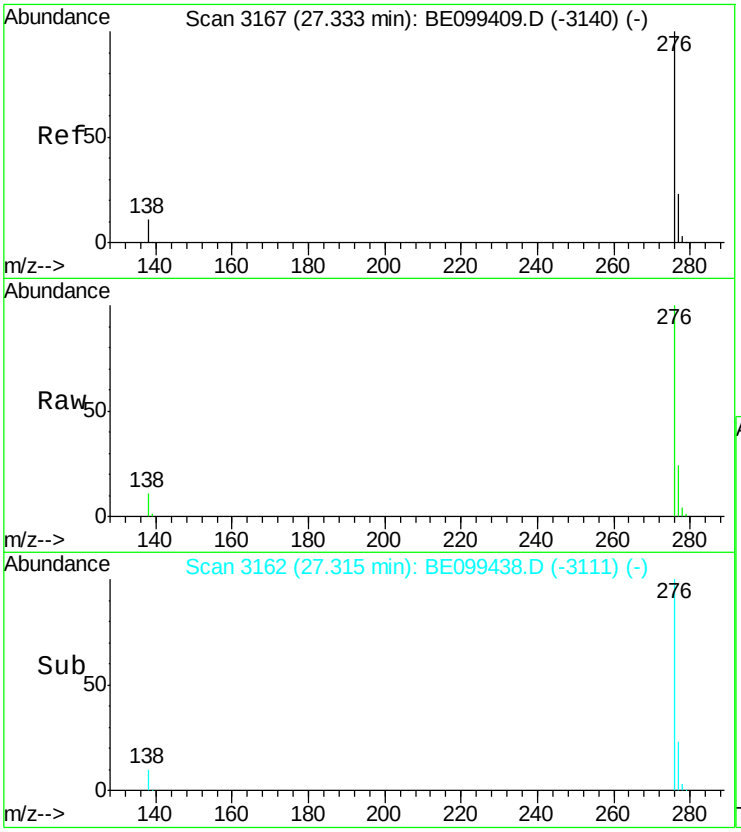


#38
Dibenzo(a,h)anthracene
Concen: 0.200 ng
RT: 26.52 min Scan# 2939
Delta R.T. -0.02 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Tgt Ion:278 Resp: 19966

Ion	Ratio	Lower	Upper
278	100		
139	13.1	7.7	11.5#
279	29.8	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.776 ng
RT: 27.31 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BE099438.D
Acq: 30 Apr 2019 22:49

Instrument :
BNA_E
ClientSampleId :
PST-003-B174-042319

Tgt Ion:276 Resp: 77490

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	11.4	9.6	14.4