Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099552.D
Acq On : 6 May 2019 14:50
Operator : JU/SJ
Sample : K2588-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-004-B170-042319

Quant Time: May 07 08:11:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1933	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	6984	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4938	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	14922	0.40	ng		0.00
27) Chrysene-d12	21.43	240	20762	0.40	ng		-0.01
34) Perylene-d12	23.98	264	24473	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1478	0.28	ng		0.00
5) Phenol-d6	6.99	99	2007	0.28	ng		0.00
8) Nitrobenzene-d5	8.99	82	1646	0.25	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	3114	0.25	ng		-0.01
14) 2,4,6-Tribromophenol	15.98	330	1330	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	4958	0.26	ng		0.00
25) Fluoranthene-d10	19.28	212	69580	0.35	ng		0.00
29) Terphenyl-d14	19.87	244	15998	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	95	0.036	ng	#	27
16) Acenaphthylene	14.23	152	1217	0.050	ng	#	93
18) Fluorene	15.54	166	420	0.021	ng	#	93
22) Pentachlorophenol	16.89	266	104	0.237	ng	#	82
23) Phenanthrene	17.28	178	13025	0.338	ng		99
24) Anthracene	17.38	178	2179	0.059	ng	#	94
26) Fluoranthene	19.31	202	37585	0.652	ng		100
28) Pyrene	19.67	202	36266	0.670	ng	#	96
30) Benzo(a)anthracene	21.41	228	41827	0.632	ng		97
31) Chrysene	21.46	228	43101	0.666	ng		96
32) Bis(2-ethylhexyl)phthalate	21.33	149	9082	0.026	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.68	276	40168	0.525	ng	#	96
35) Benzo(b)fluoranthene	23.20	252	68568	0.972	ng		98
36) Benzo(k)fluoranthene	23.20	252	68568	1.008	ng	#	98
37) Benzo(a)pyrene	23.87	252	49601	0.743	ng		98
38) Dibenzo(a,h)anthracene	26.71	278	10792	0.158	ng	#	85
39) Benzo(g,h,i)perylene	27.53	276	39107	0.572	ng		98

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

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QLast Update : Tue May 07 08:07:29 2019
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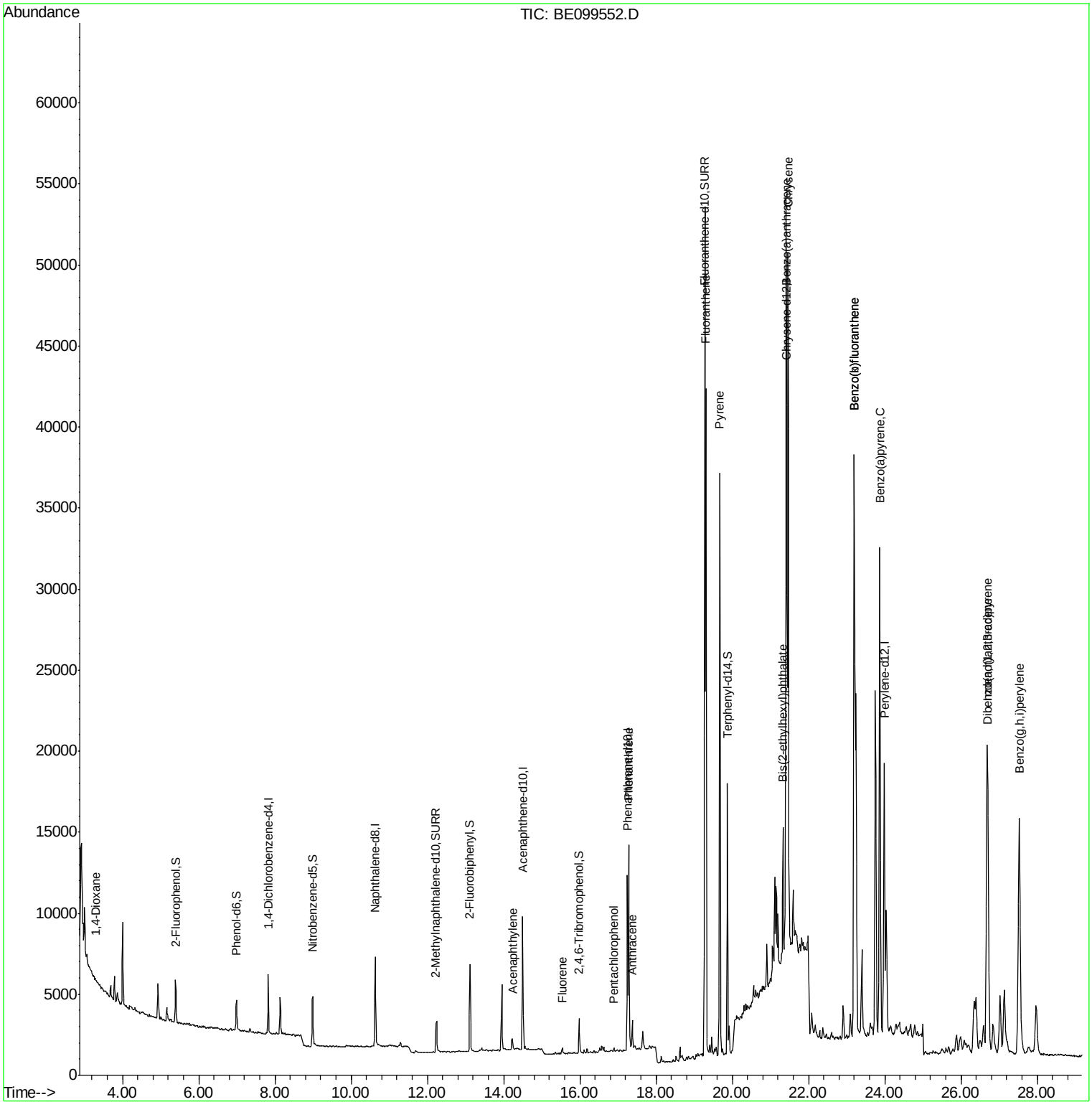
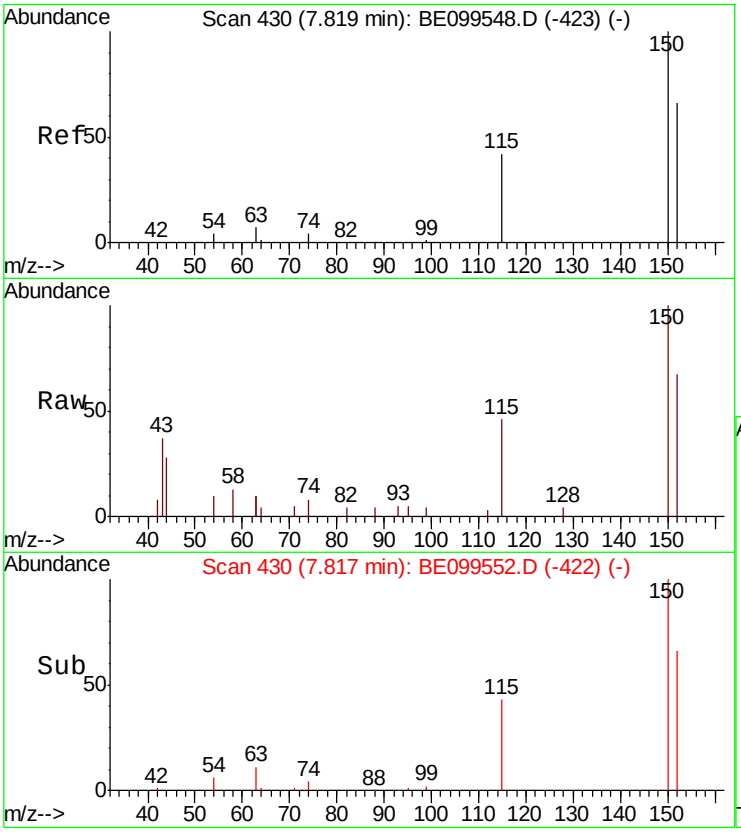


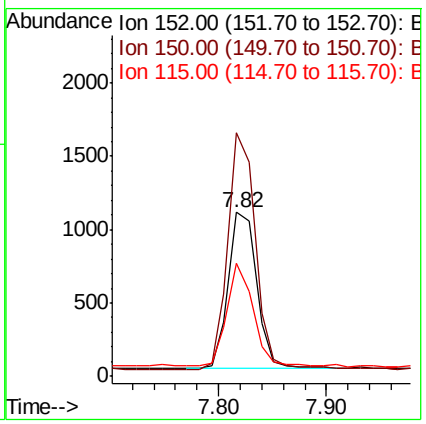


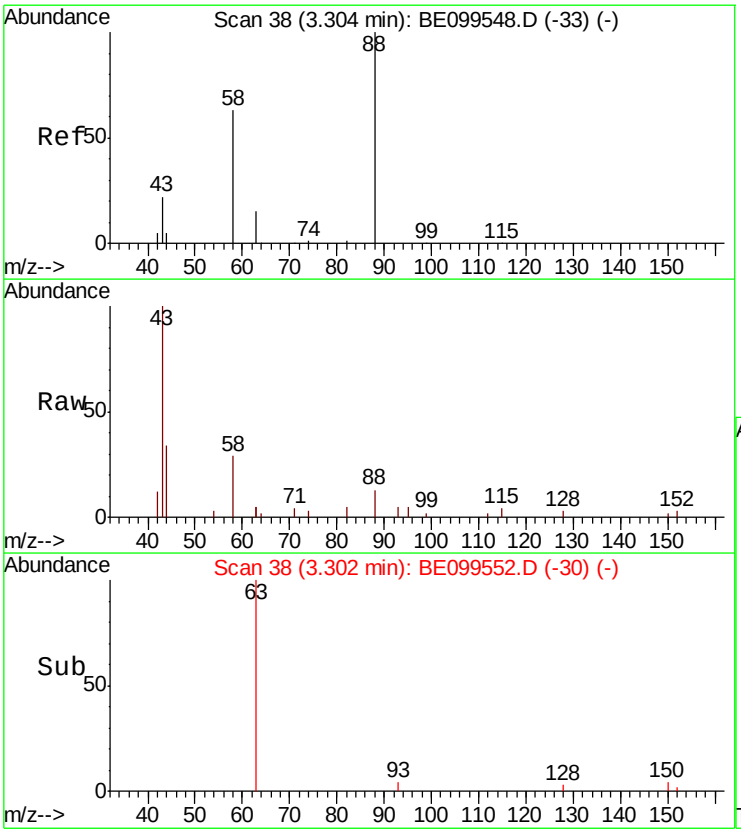
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:152 Resp: 1933

Ion	Ratio	Lower	Upper
152	100		
150	148.3	104.8	157.2
115	68.5	46.6	69.8

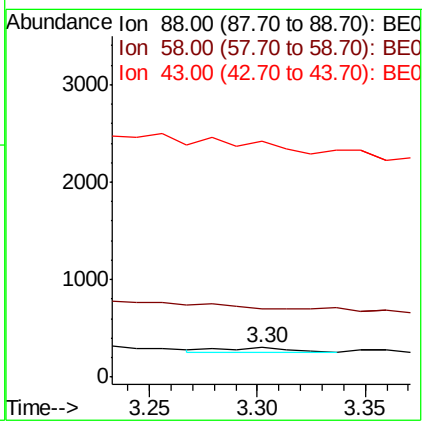


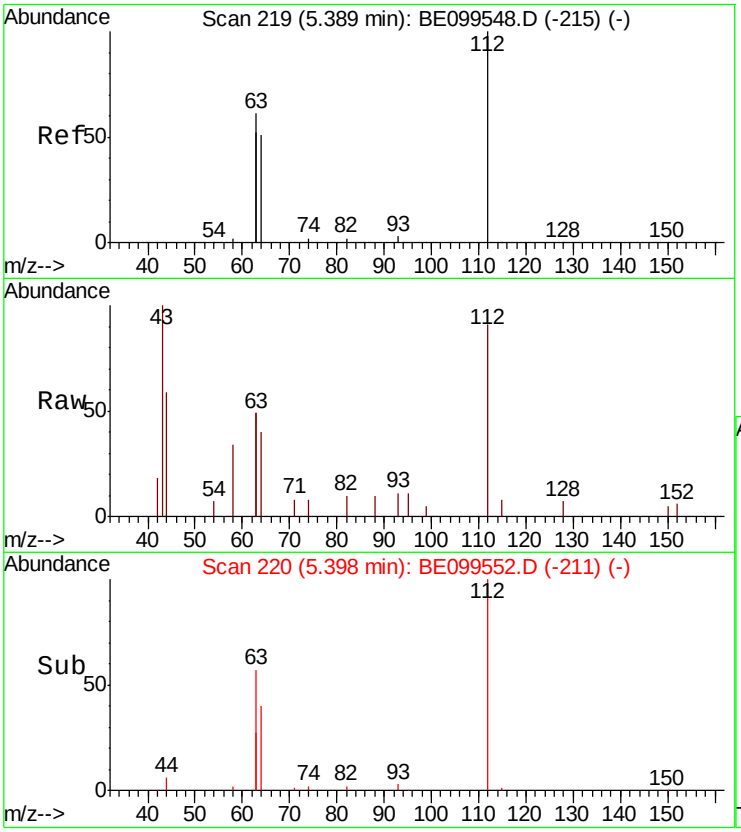


#2
1,4-Dioxane
Concen: 0.036 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion: 88 Resp: 95

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



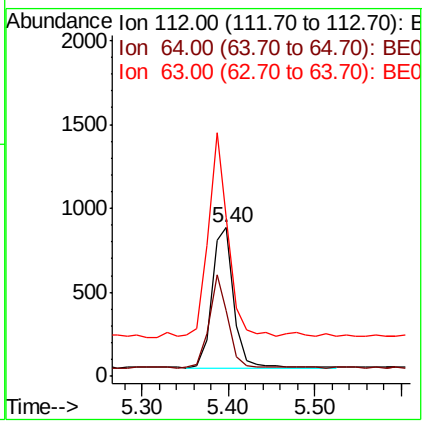


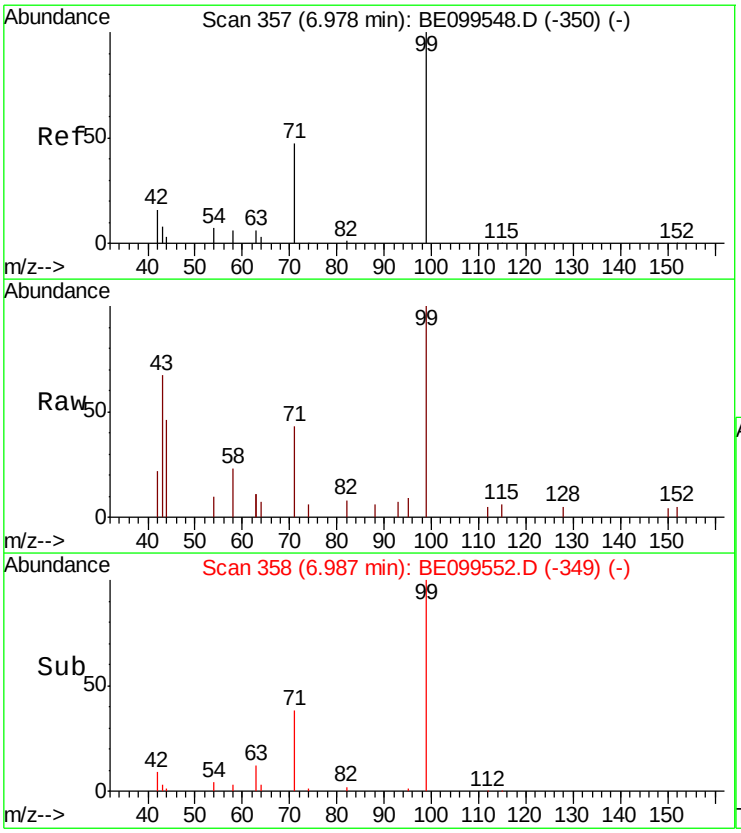
#4
2-Fluorophenol
Concen: 0.277 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:112 Resp: 1478

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.4	71.0
63	134.7	104.3	156.5

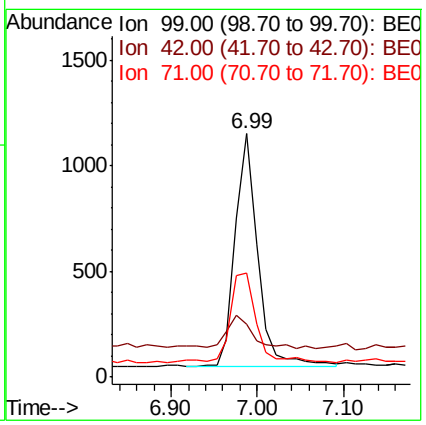


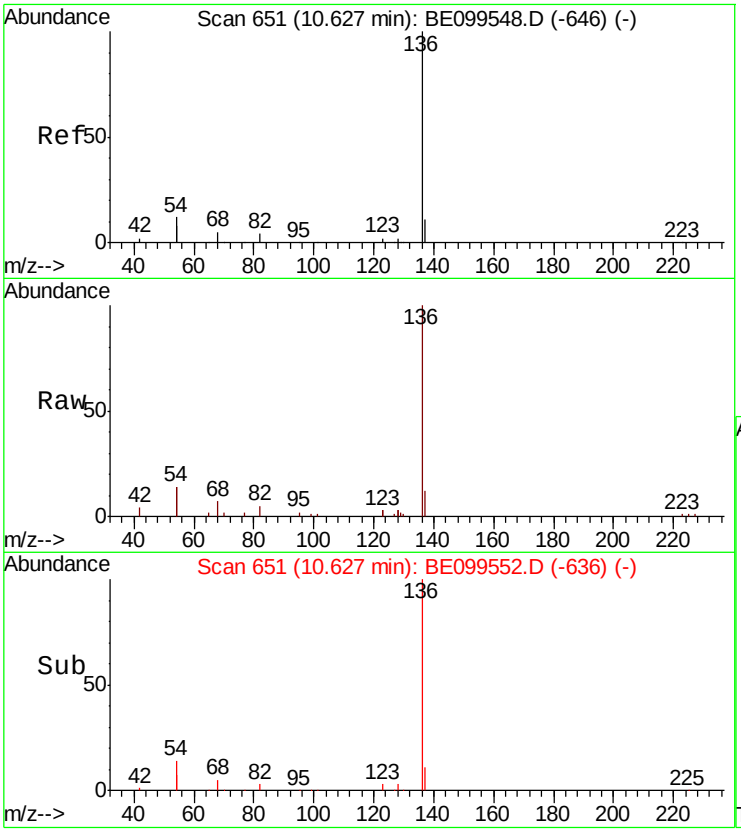


#5
Phenol-d6
Concen: 0.282 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion: 99 Resp: 2007

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.9	22.3
71	44.9	33.0	49.6



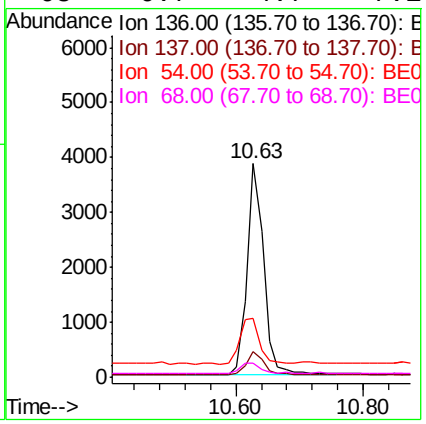


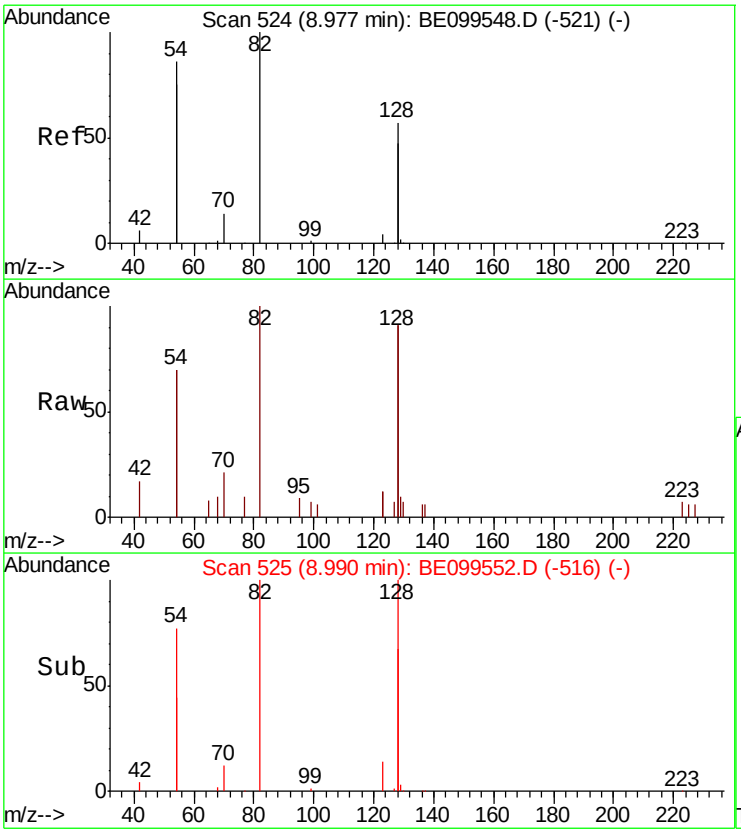
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:136 Resp: 6984

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.8
54	27.7	18.5	27.7
68	6.7	4.7	7.1

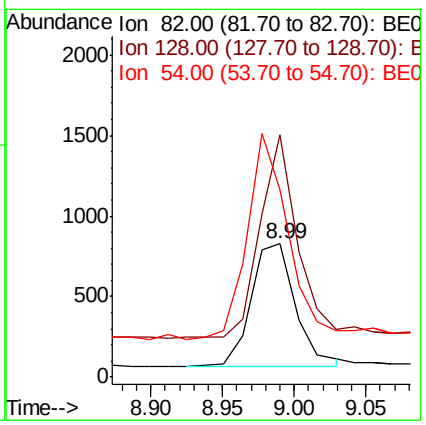


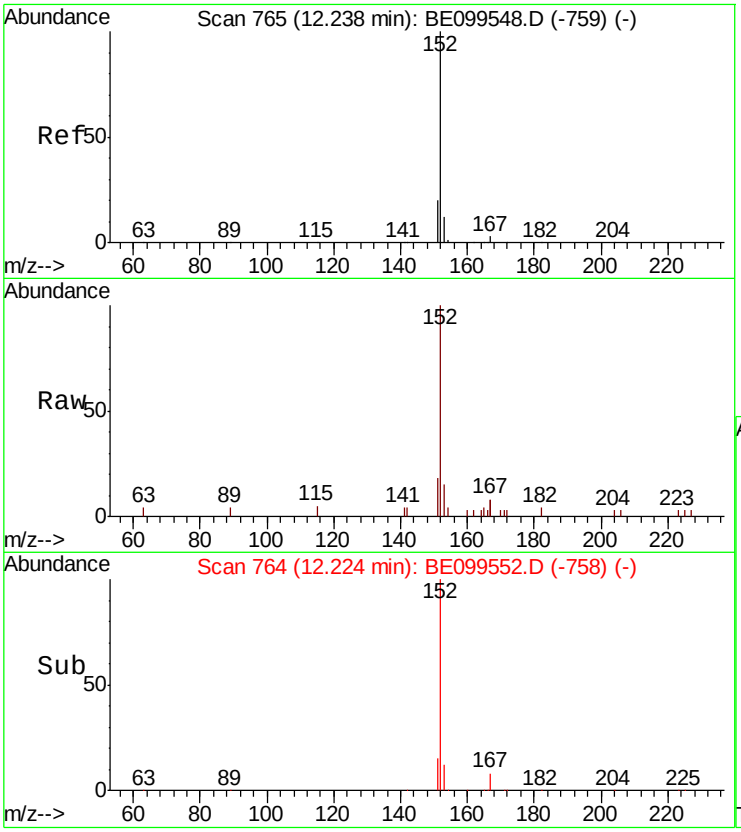


#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion: 82 Resp: 1646

Ion	Ratio	Lower	Upper
82	100		
128	181.9	107.0	160.4#
54	140.7	113.1	169.7



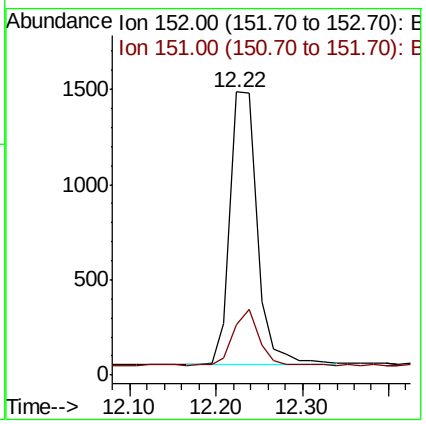


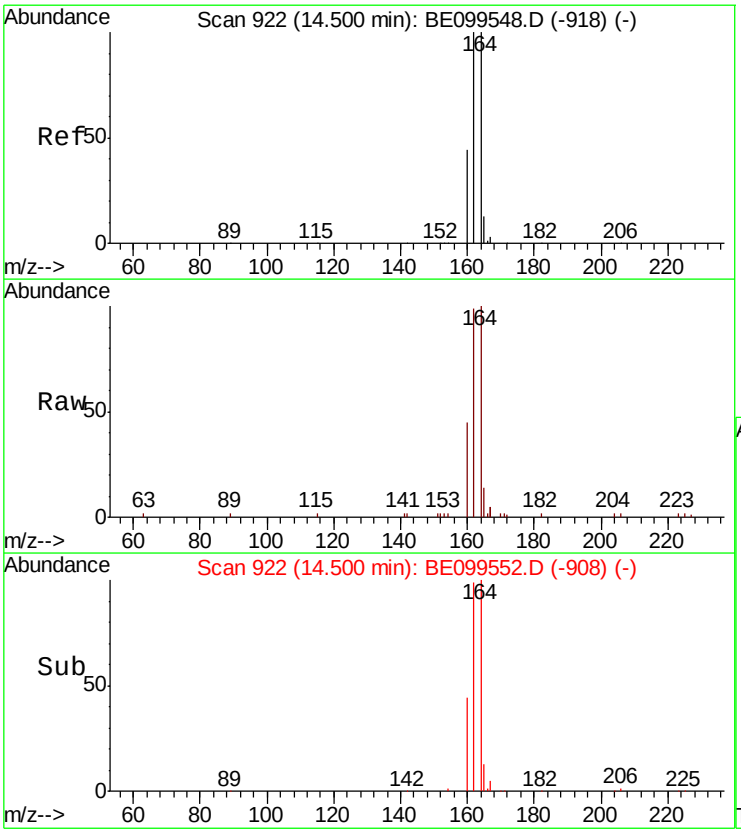
#11
2-Methylnaphthalene-d10
Concen: 0.247 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:152 Resp: 3114

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.5	23.3

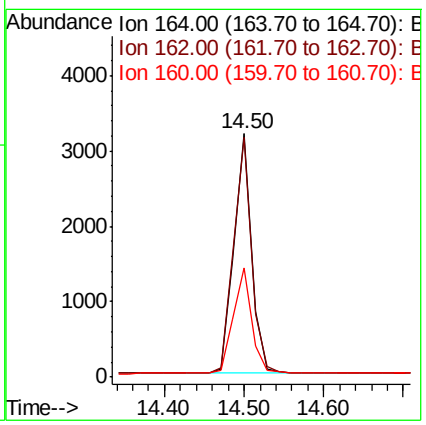


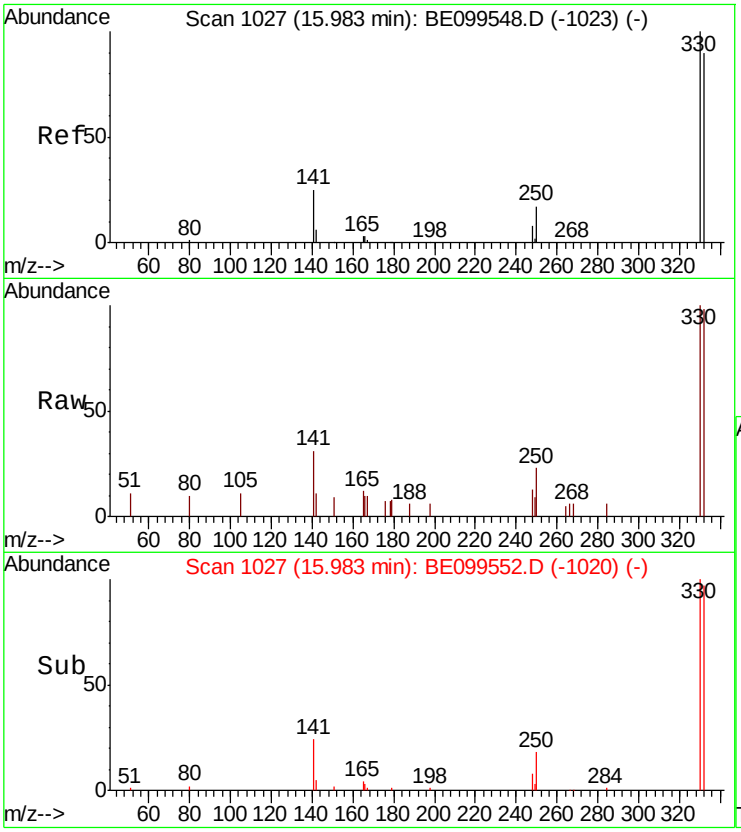


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:164 Resp: 4938

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.0	118.4
160	45.1	37.0	55.4



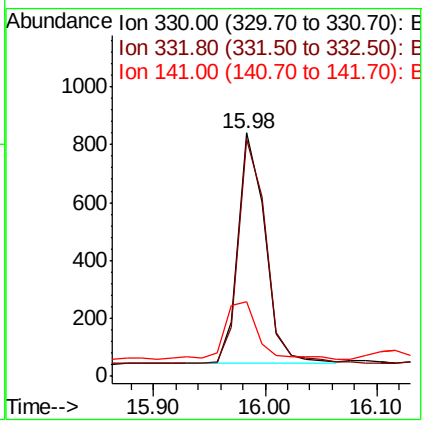


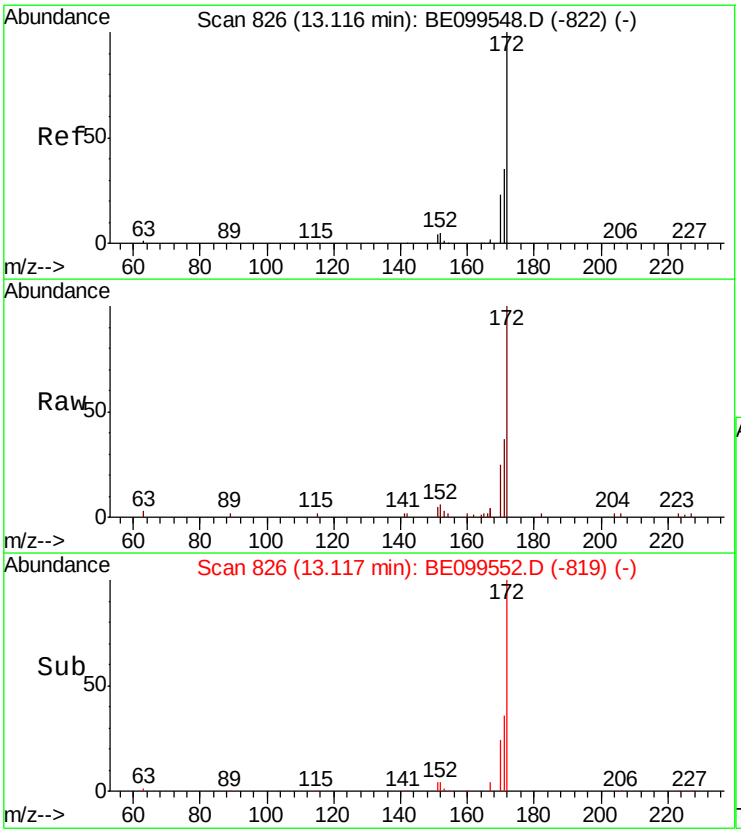
#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:330 Resp: 1330

Ion	Ratio	Lower	Upper
330	100		
332	101.3	71.5	107.3
141	30.7	24.0	36.0

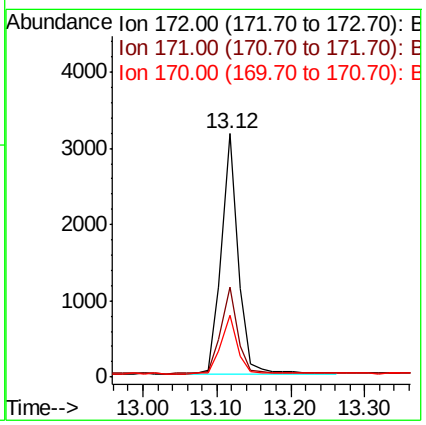


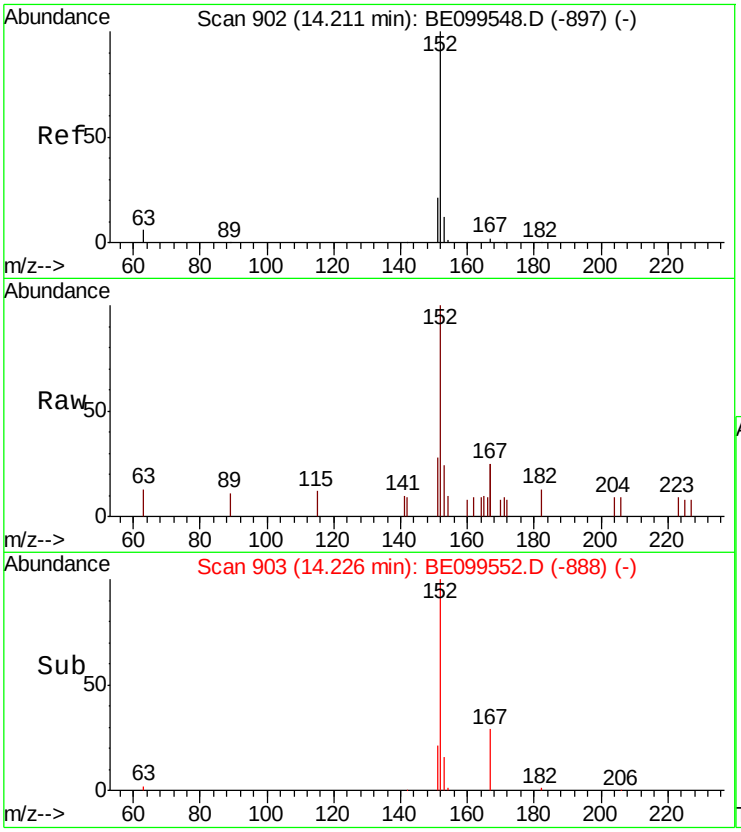


#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:172 Resp: 4958

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.6	39.8
170	25.2	17.0	25.6



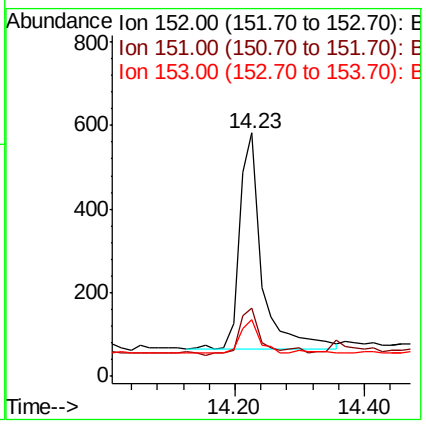


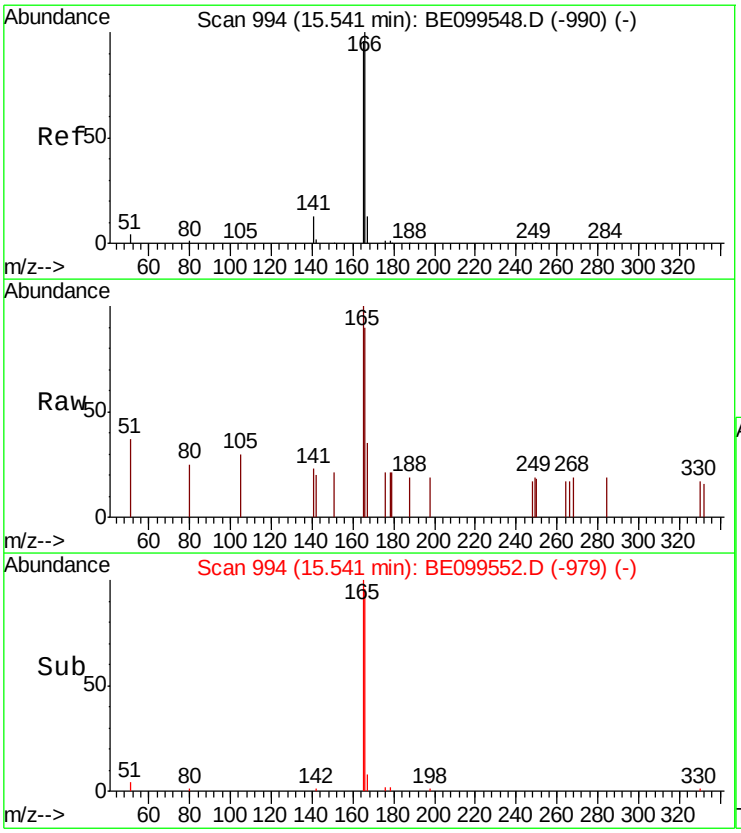
#16
Acenaphthylene
Concen: 0.050 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:152 Resp: 1217

Ion	Ratio	Lower	Upper
152	100		
151	23.4	15.4	23.2#
153	13.9	9.8	14.6

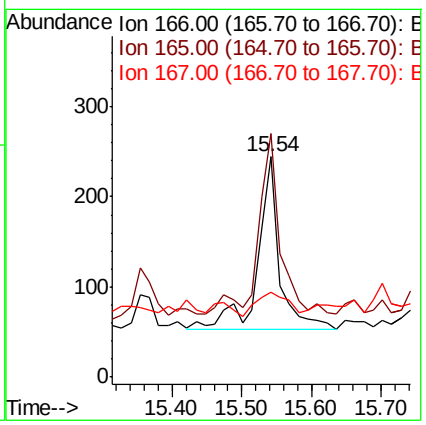


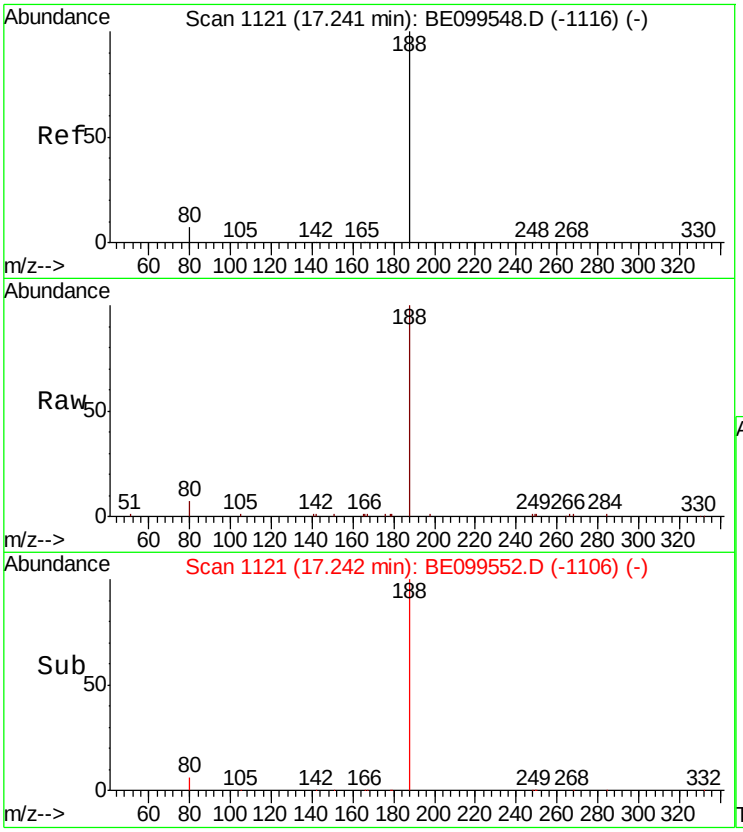


#18
Fluorene
Concen: 0.021 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:166 Resp: 420

Ion	Ratio	Lower	Upper
166	100		
165	94.3	80.3	120.5
167	20.0	10.7	16.1#



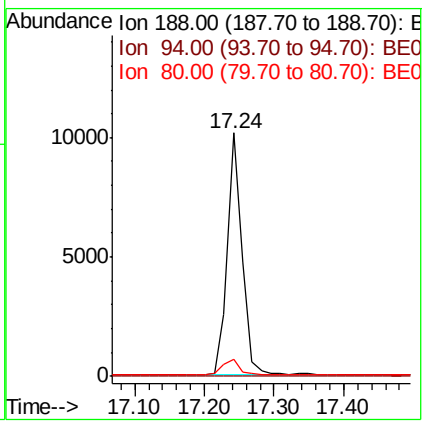


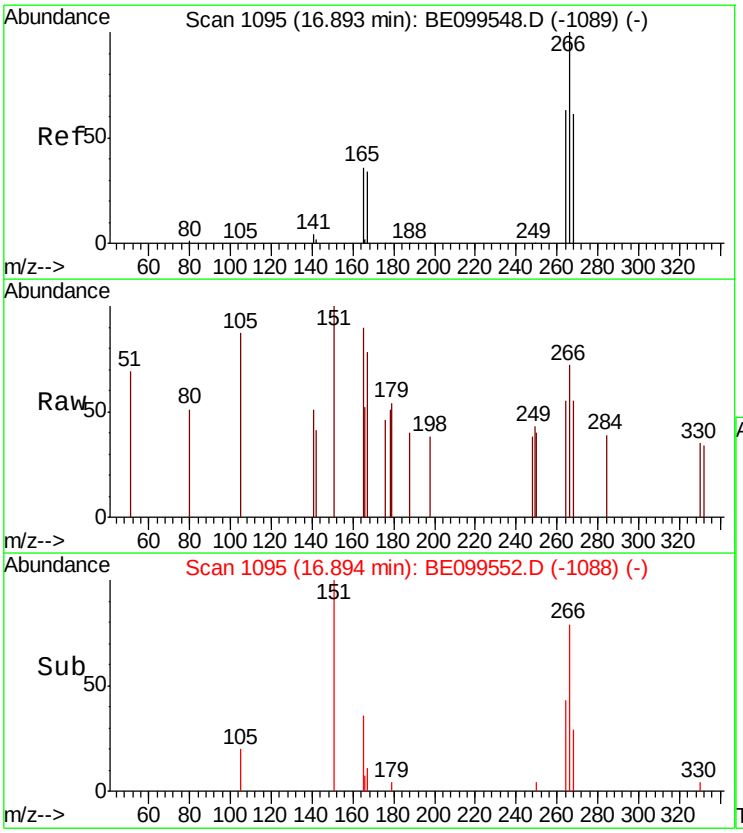
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:188 Resp: 14922

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.7	10.1

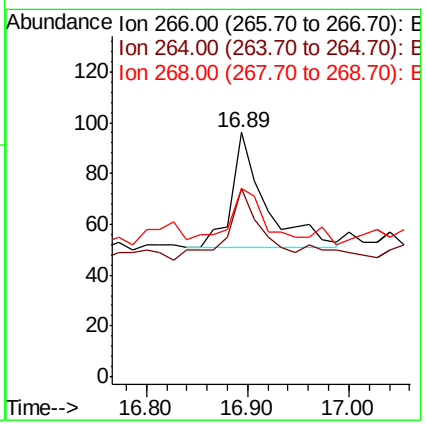


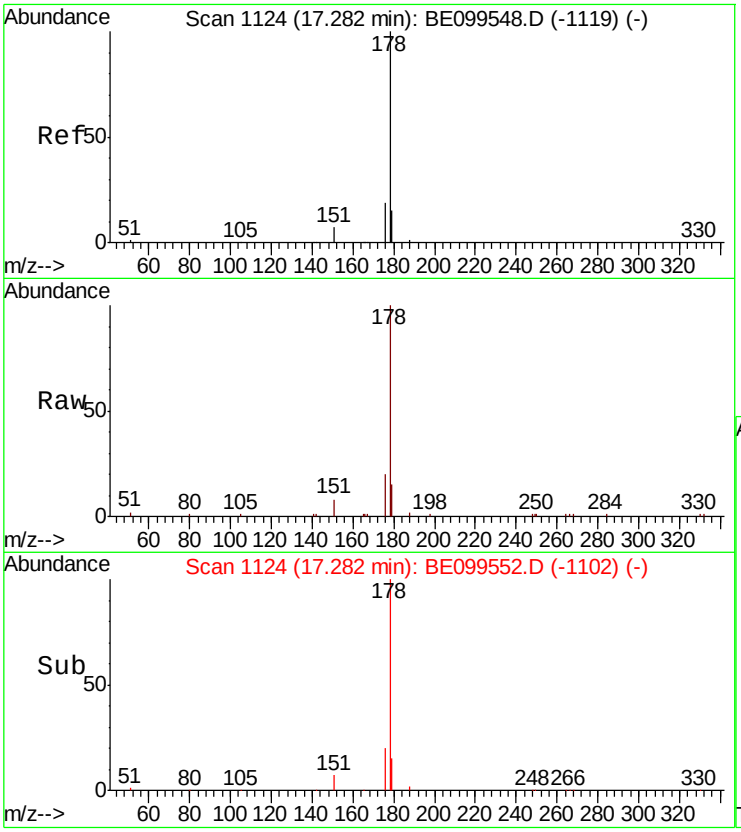


#22
Pentachlorophenol
Concen: 0.237 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:266 Resp: 104

Ion	Ratio	Lower	Upper
266	100		
264	77.1	50.8	76.2#
268	77.1	50.5	75.7#



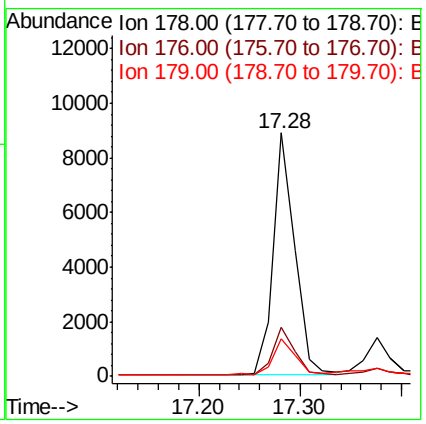


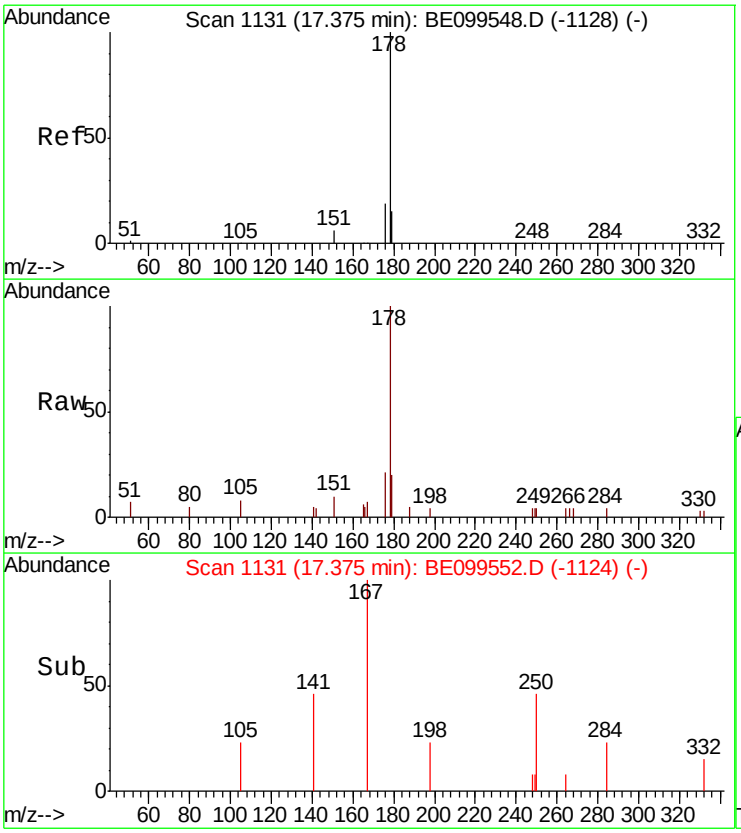
#23
Phenanthrene
Concen: 0.338 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:178 Resp: 13025

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.5	12.0	18.0

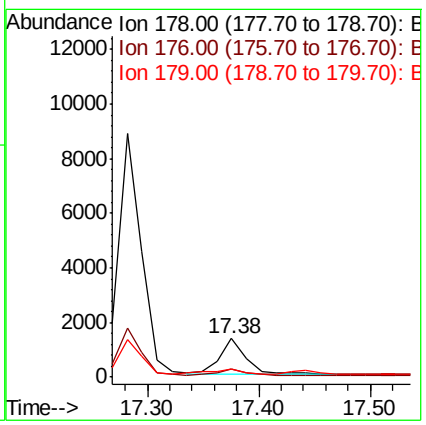


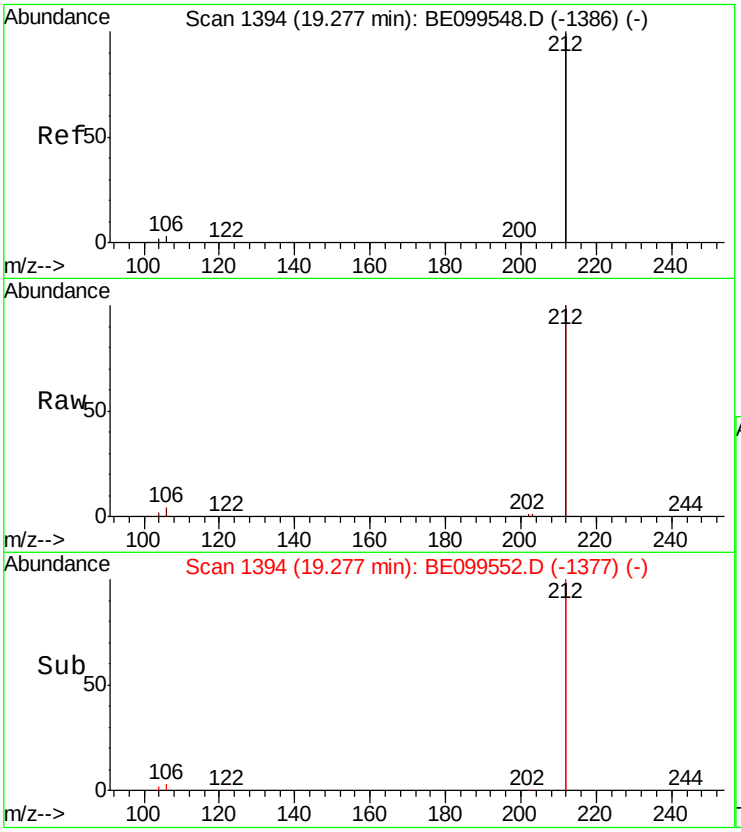


#24
Anthracene
Concen: 0.059 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:178 Resp: 2179

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	19.6	11.9	17.9#



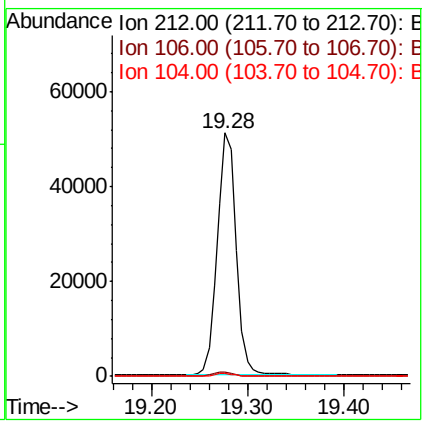


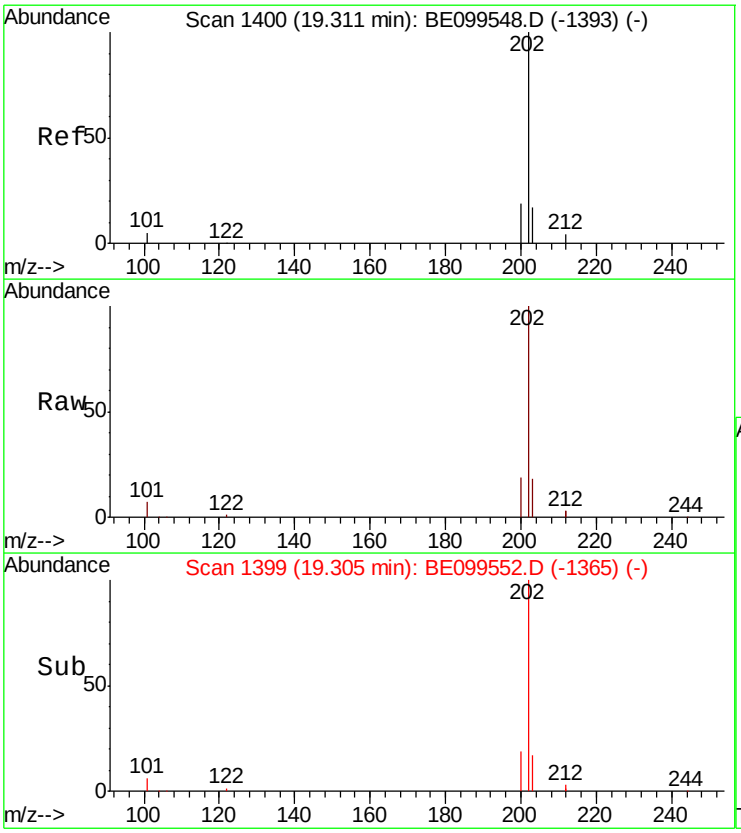
#25
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:212 Resp: 69580

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.5	2.3
104	1.0	0.9	1.3

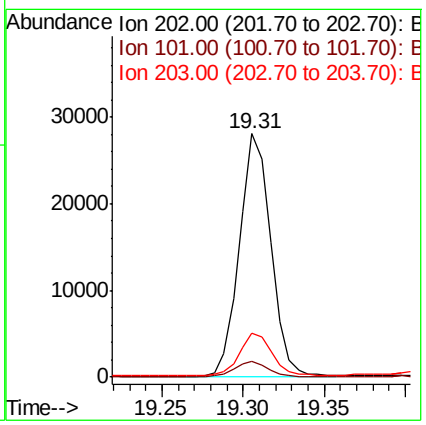


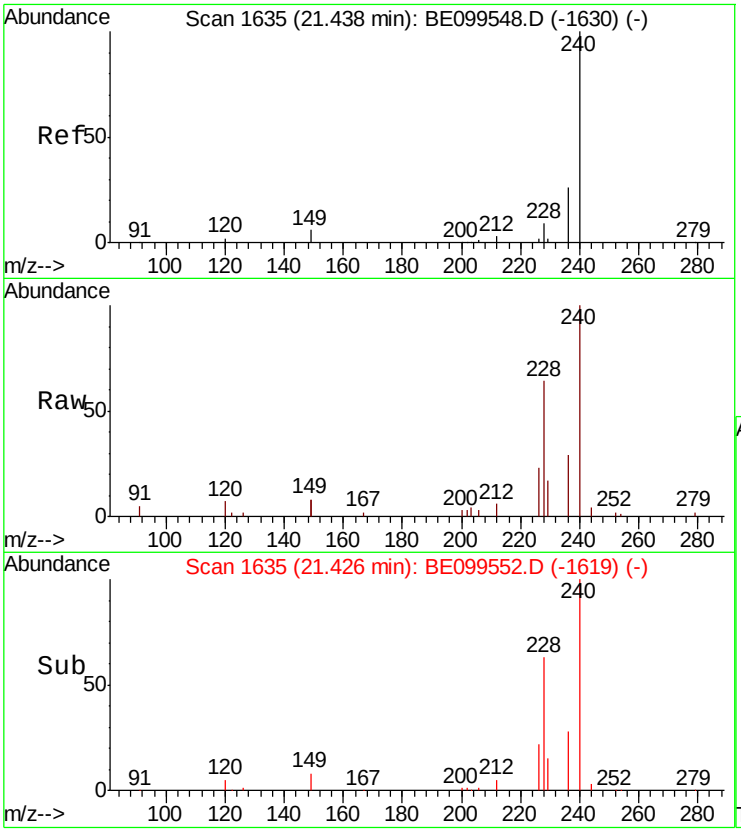


#26
Fluoranthene
Concen: 0.652 ng
RT: 19.31 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:202 Resp: 37585

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.4	8.0
203	17.4	13.9	20.9



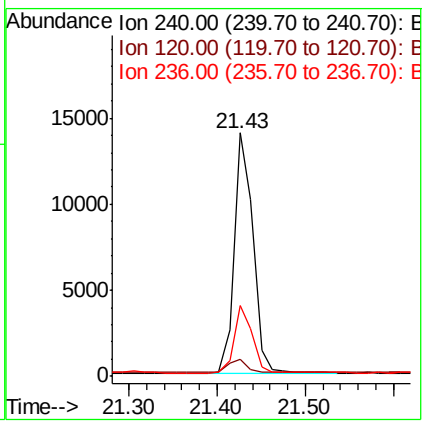


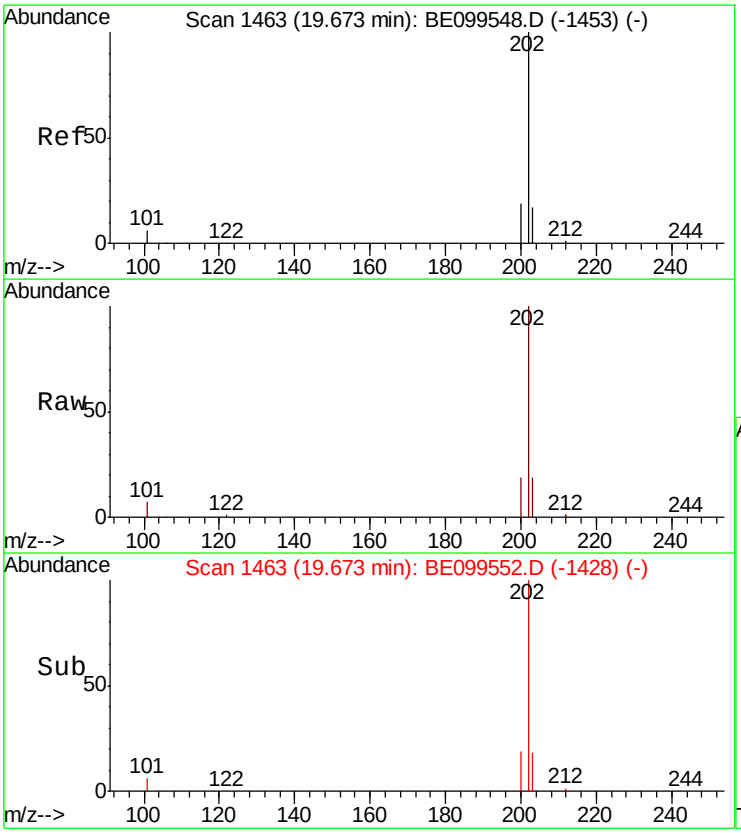
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:240 Resp: 20762

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.0	6.0#
236	29.0	22.0	33.0

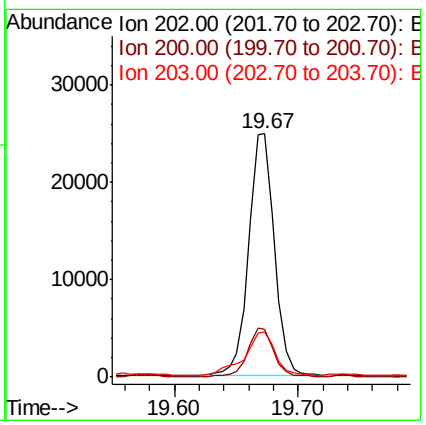


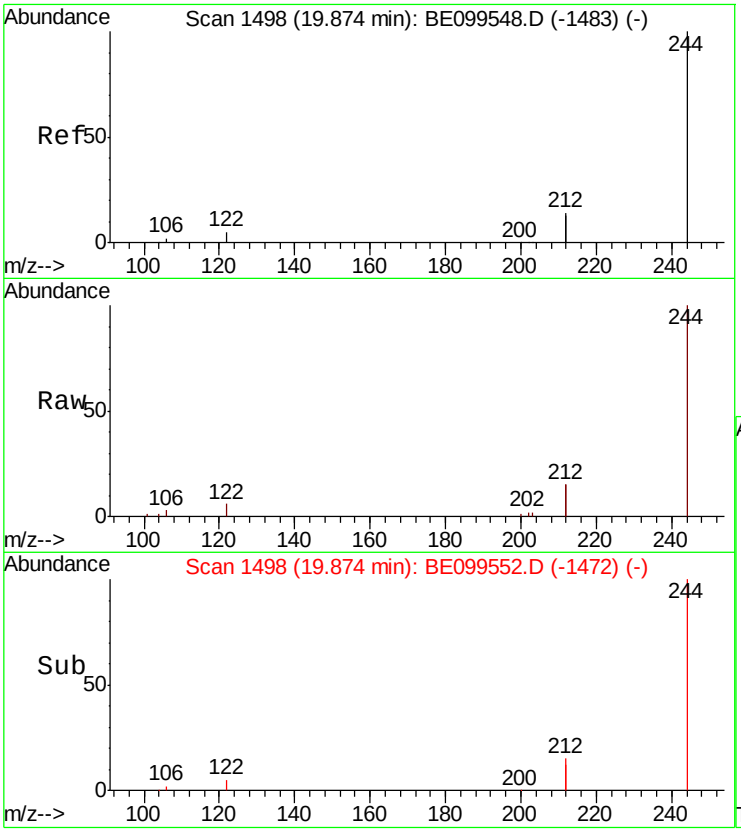


#28
Pyrene
Concen: 0.670 ng
RT: 19.67 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:202 Resp: 36266

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	21.0	13.9	20.9#



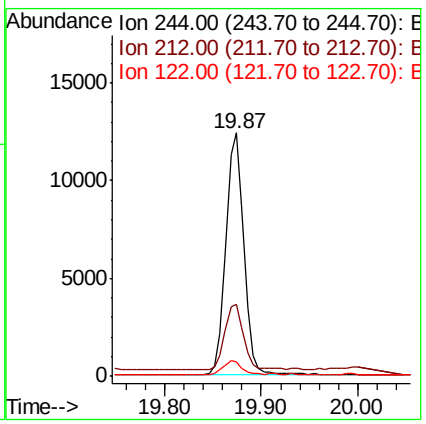


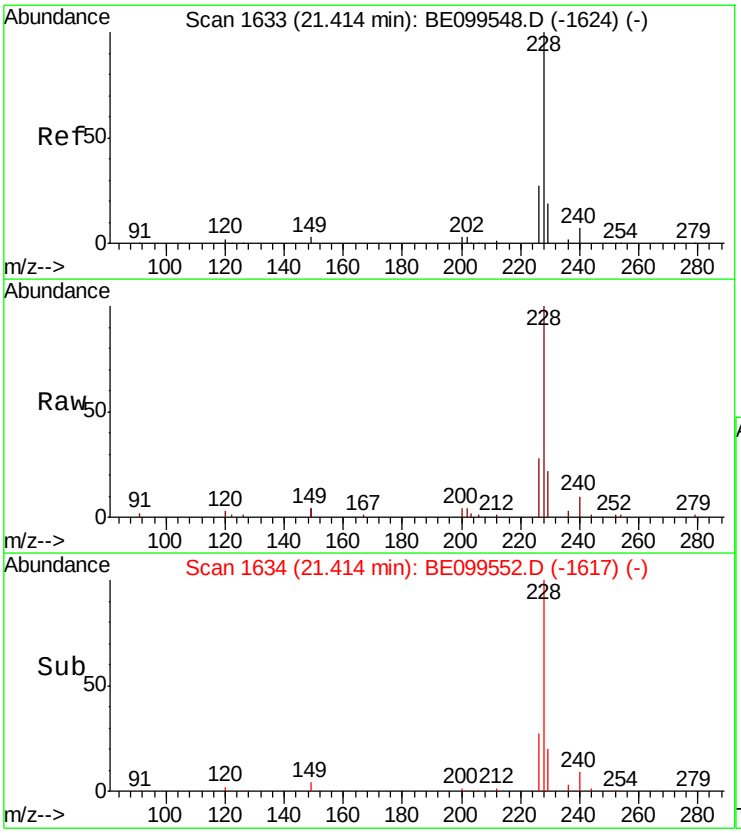
#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.87 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:244 Resp: 15998

Ion	Ratio	Lower	Upper
244	100		
212	29.8	23.2	34.8
122	5.8	4.2	6.4

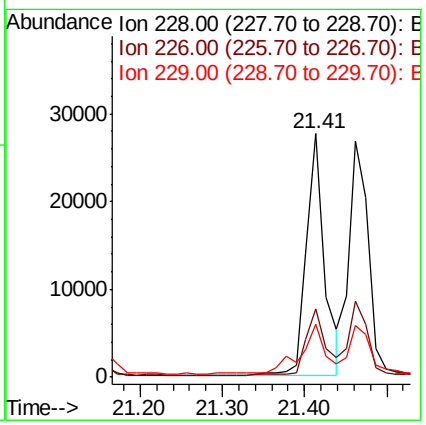


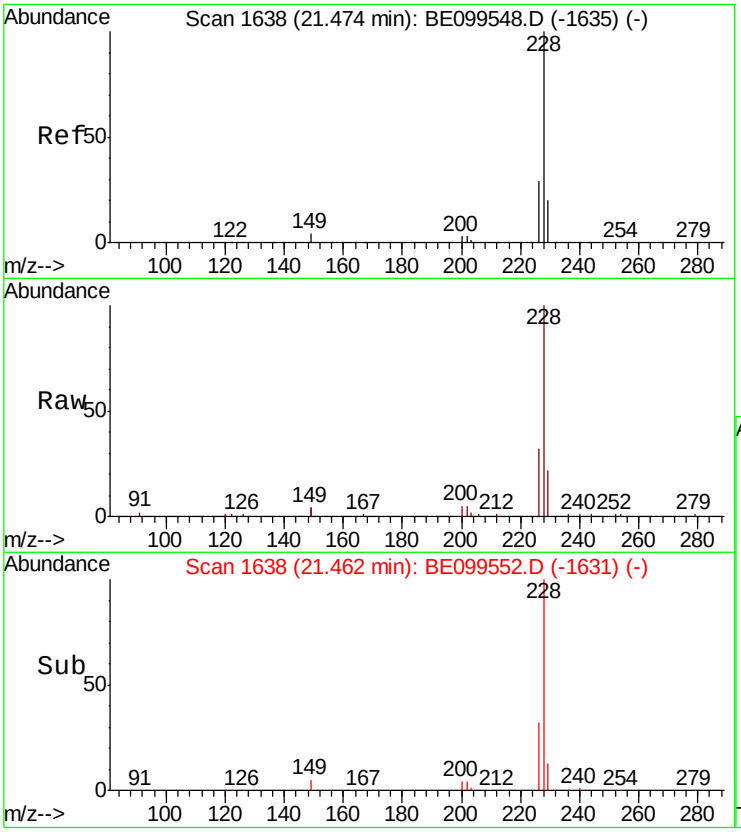


#30
Benzo(a)anthracene
Concen: 0.632 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:228 Resp: 41827

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.0	31.6
229	21.9	16.6	25.0



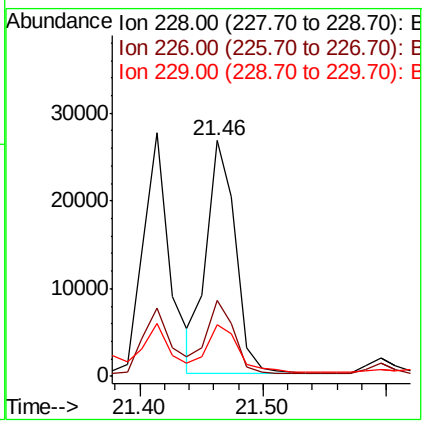


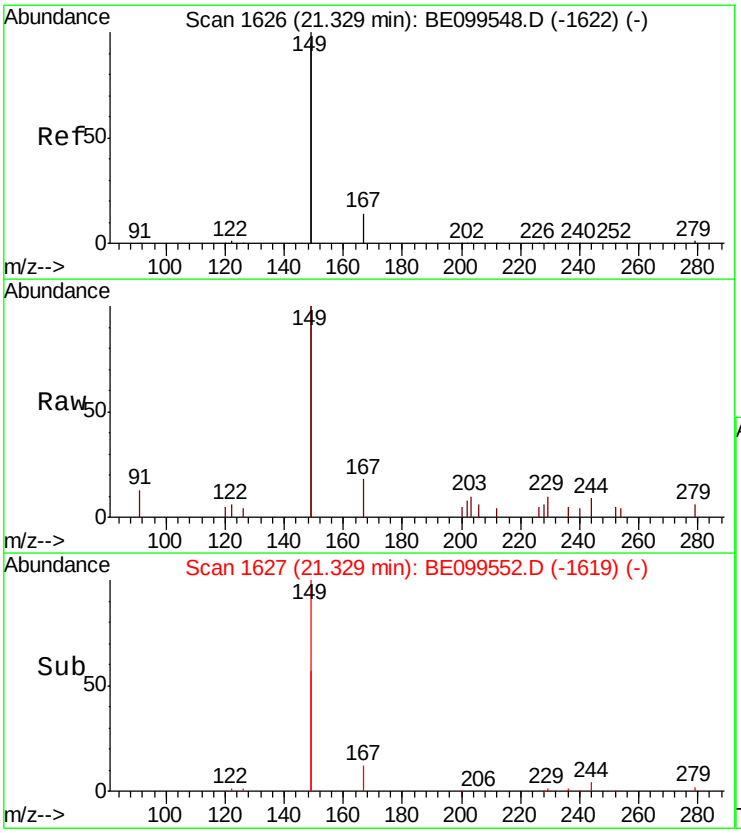
#31
Chrysene
Concen: 0.666 ng
RT: 21.46 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:228 Resp: 43101

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	22.1	15.8	23.8

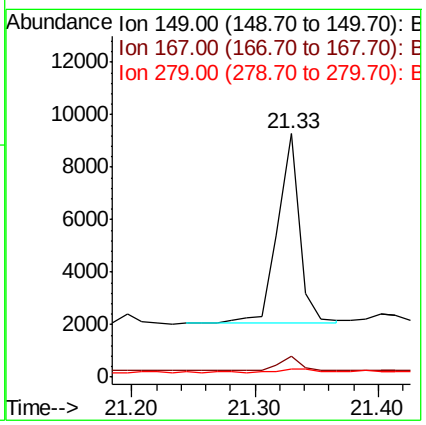


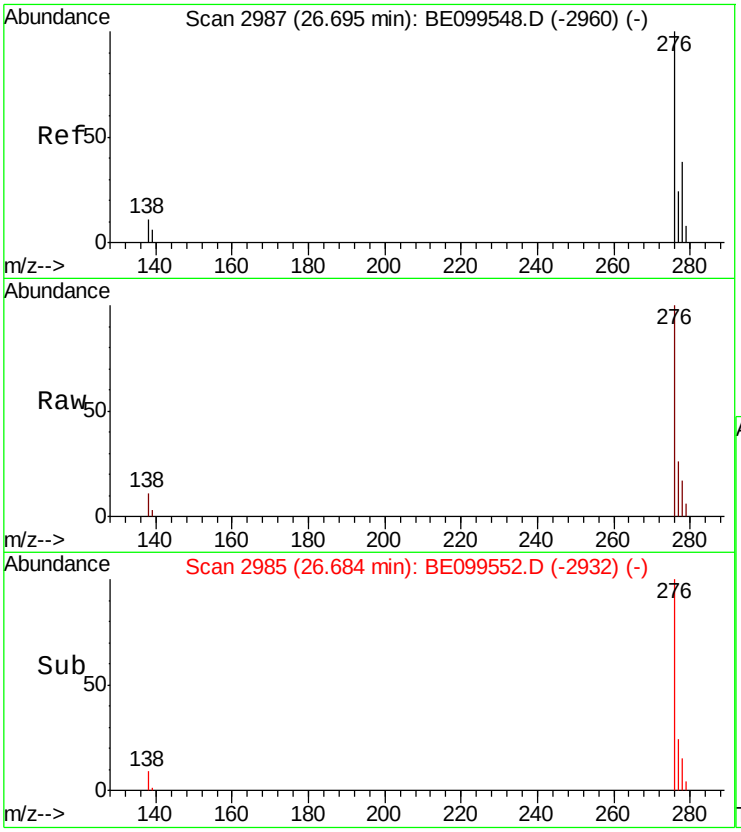


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.026 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:149 Resp: 9082

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.8	8.6
279	2.5	1.0	1.6#



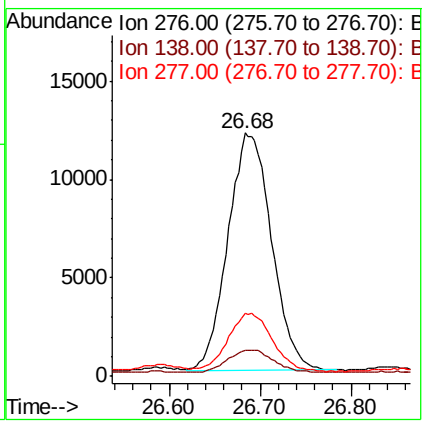


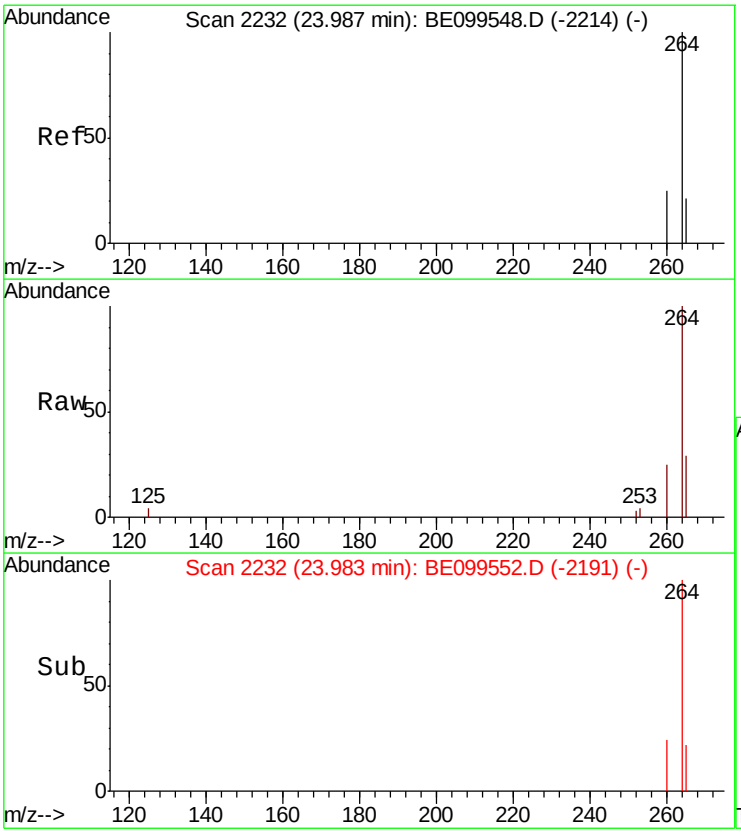
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.525 ng
RT: 26.68 min Scan# 2985
Delta R.T. -0.01 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:276 Resp: 40168

Ion	Ratio	Lower	Upper
276	100		
138	9.9	10.2	15.2#
277	24.8	19.2	28.8

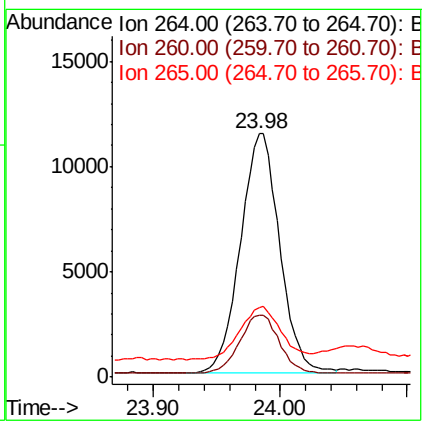


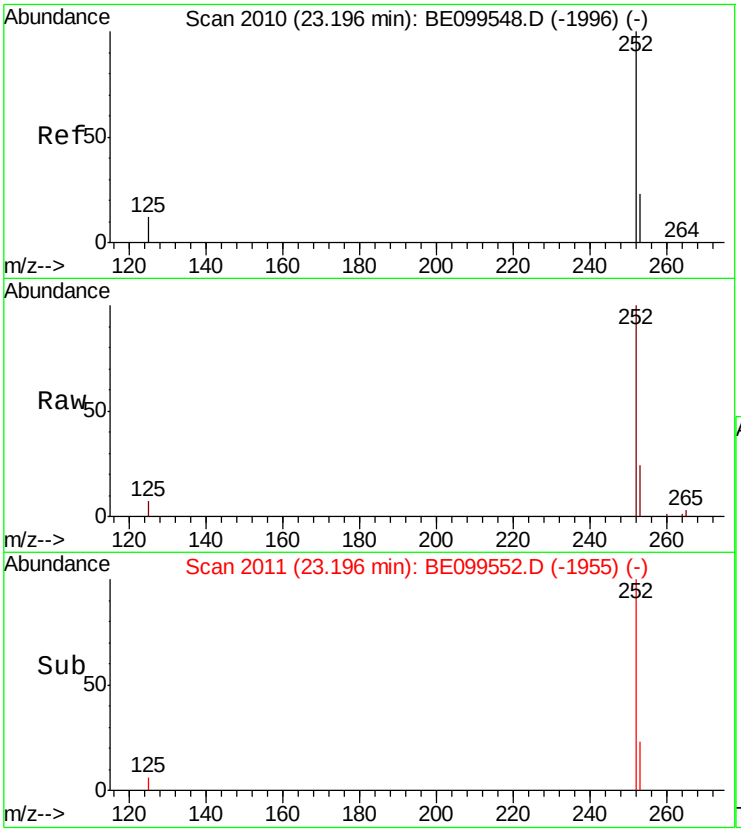


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:264 Resp: 24473

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	28.7	21.3	31.9



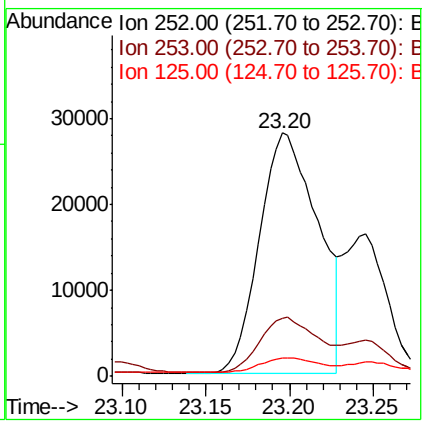


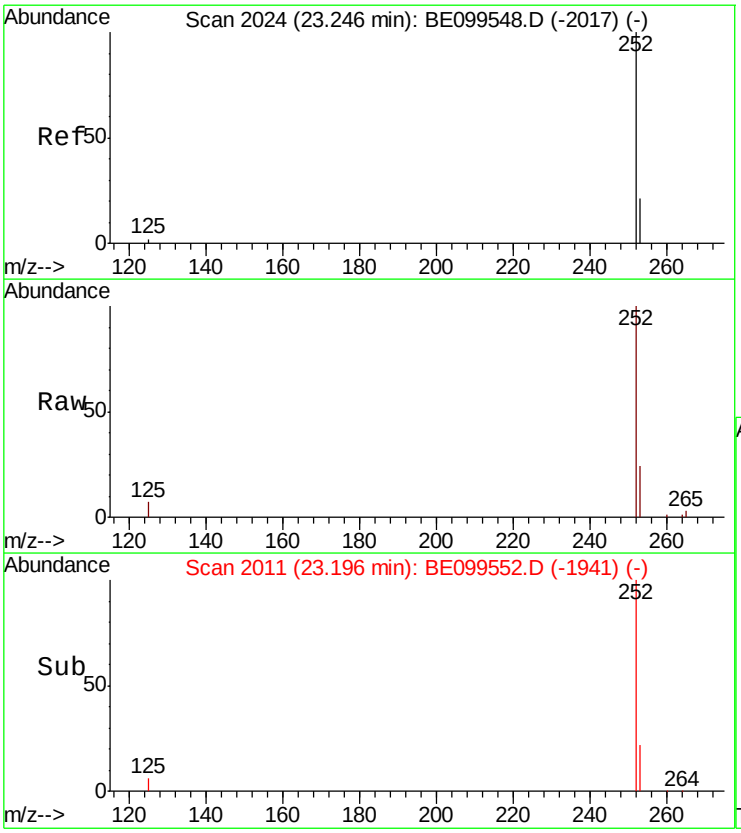
#35
Benzo(b)fluoranthene
Concen: 0.972 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:252 Resp: 68568

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	7.4	5.6	8.4

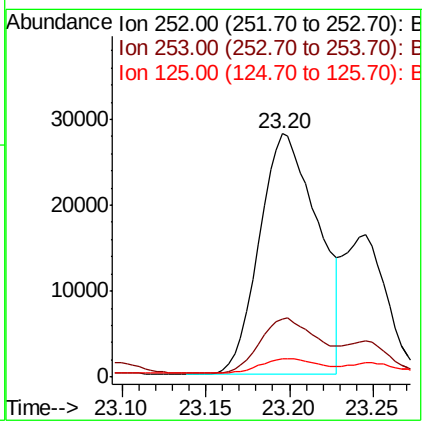


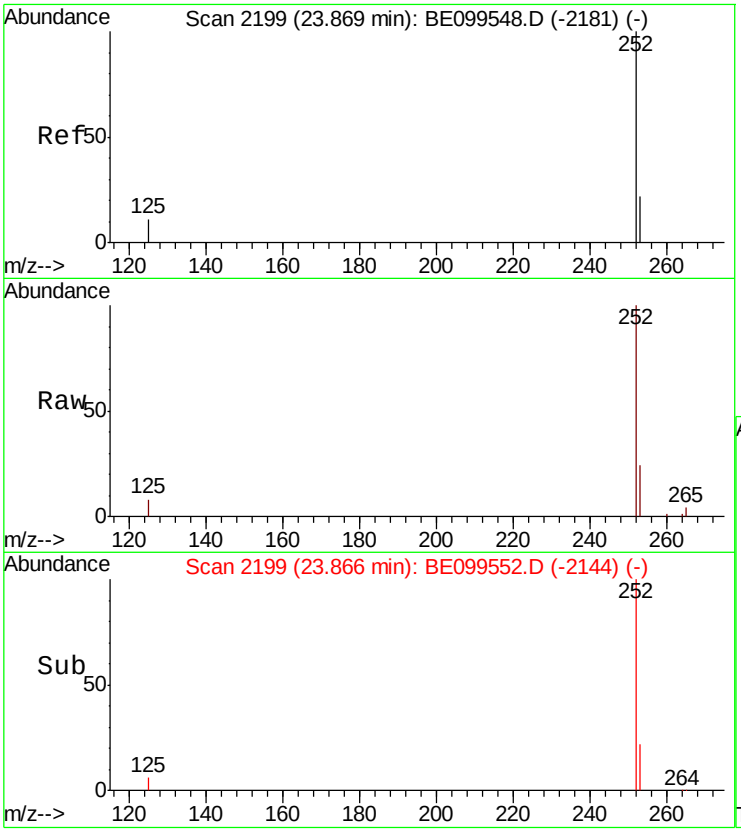


#36
Benzo(k)fluoranthene
Concen: 1.008 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.05 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:252 Resp: 68568

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	7.4	5.0	7.4#



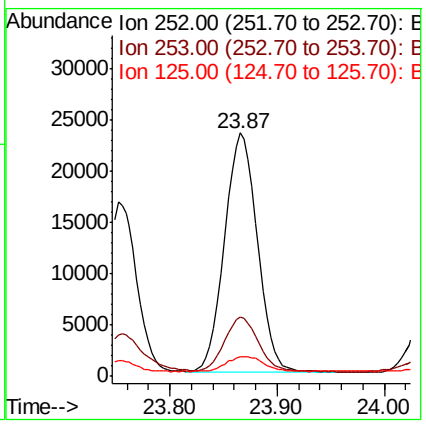


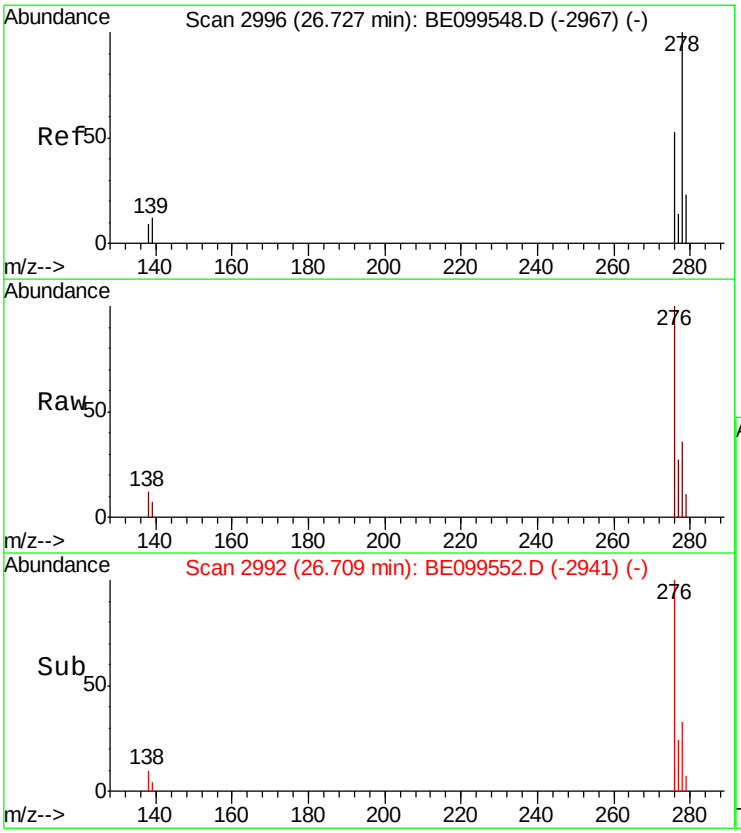
#37
Benzo(a)pyrene
Concen: 0.743 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:252 Resp: 49601

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	7.8	6.7	10.1

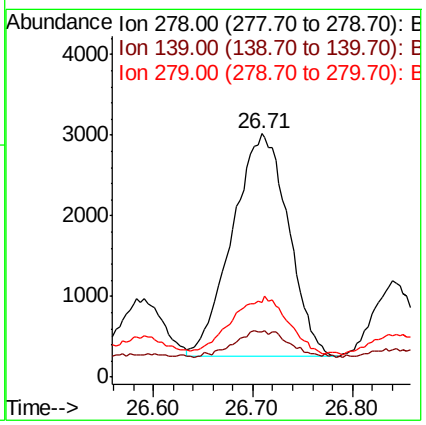


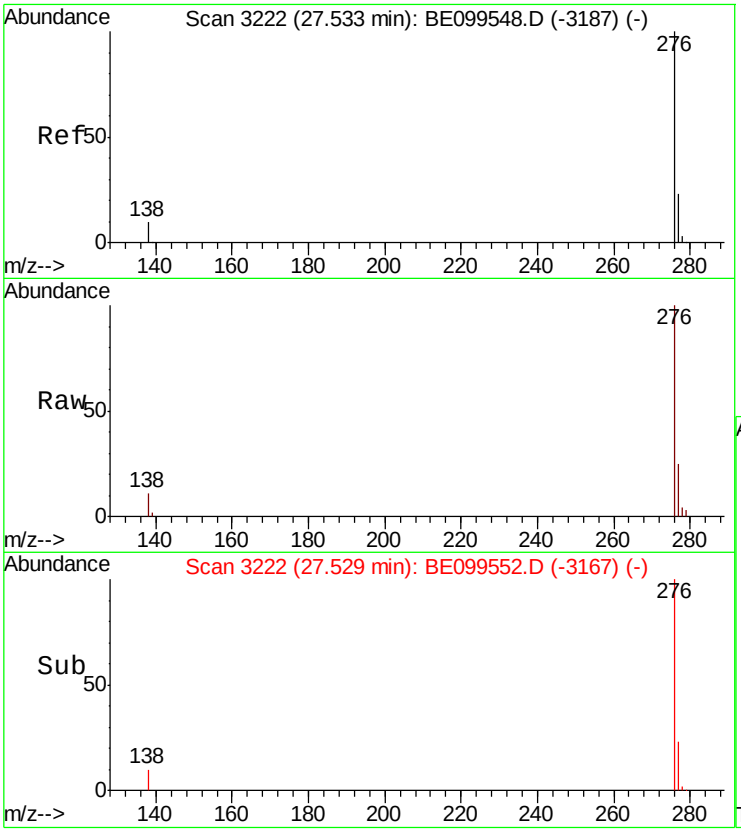


#38
Dibenzo(a,h)anthracene
Concen: 0.158 ng
RT: 26.71 min Scan# 2992
Delta R.T. -0.02 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Tgt Ion:278 Resp: 10792

Ion	Ratio	Lower	Upper
278	100		
139	18.8	7.7	11.5#
279	30.7	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.572 ng
RT: 27.53 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE099552.D
Acq: 6 May 2019 14:50

Instrument :
BNA_E
ClientSampleId :
PST-004-B170-042319

Tgt Ion:276 Resp: 39107

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	11.2	9.6	14.4